

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121669.D
 Acq On : 23 Sep 2020 16:00
 Operator : JU/CG
 Sample : PB131842BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Quant Time: Sep 23 16:26:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150326	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	568737	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	288775	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	524989	20.00	ng	0.00
76) Chrysene-d12	13.98	240	427038	20.00	ng	0.00
86) Perylene-d12	15.43	264	391704	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1201678	118.80	ng	0.02
7) Phenol-d6	6.46	99	1540728	116.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	1054330	99.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	474633	132.24	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1754136	92.00	ng	0.00
79) Terphenyl-d14	12.92	244	1834872	87.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	171245	36.850	ng	99
3) Pyridine	3.39	79	522448	40.667	ng	98
4) n-Nitrosodimethylamine	3.36	42	266277	44.684	ng	99
6) Aniline	6.47	93	602150	34.839	ng	# 81
8) 2-Chlorophenol	6.60	128	495089	48.072	ng	98
9) Benzaldehyde	6.36	77	174728	20.141	ng	98
10) Phenol	6.47	94	590976	41.819	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	482243	45.277	ng	99
12) 1,3-Dichlorobenzene	6.75	146	515170	44.816	ng	97
13) 1,4-Dichlorobenzene	6.83	146	519471	45.006	ng	98
14) 1,2-Dichlorobenzene	6.98	146	498556	46.888	ng	100
15) Benzyl Alcohol	6.96	79	430709	47.751	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	721764	42.112	ng	96
17) 2-Methylphenol	7.07	107	399706	45.614	ng	98
18) Hexachloroethane	7.32	117	191618	46.365	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	333397	43.591	ng	99
20) 3+4-Methylphenols	7.23	107	468175	44.468	ng	90
22) Acetophenone	7.22	105	638432	44.244	ng	# 99
24) Nitrobenzene	7.40	77	521638	45.532	ng	98
25) Isophorone	7.64	82	921056	43.195	ng	98
26) 2-Nitrophenol	7.71	139	251830	46.762	ng	95
27) 2,4-Dimethylphenol	7.75	122	418440	43.962	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	576575	43.678	ng	99
29) 2,4-Dichlorophenol	7.96	162	397430	45.844	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	415483	45.506	ng	99
31) Naphthalene	8.12	128	1346004	44.833	ng	100
32) Benzoic acid	7.90	122	243043	36.215	ng	97
33) 4-Chloroaniline	8.17	127	434632	33.397	ng	97
34) Hexachlorobutadiene	8.23	225	249333	46.525	ng	98
35) Caprolactam	8.55	113	70878	24.551	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	429680	46.010	ng	96
37) 2-Methylnaphthalene	8.81	142	871374	44.288	ng	100
38) 1-Methylnaphthalene	8.91	142	805732	44.002	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	409133	45.356	ng	98

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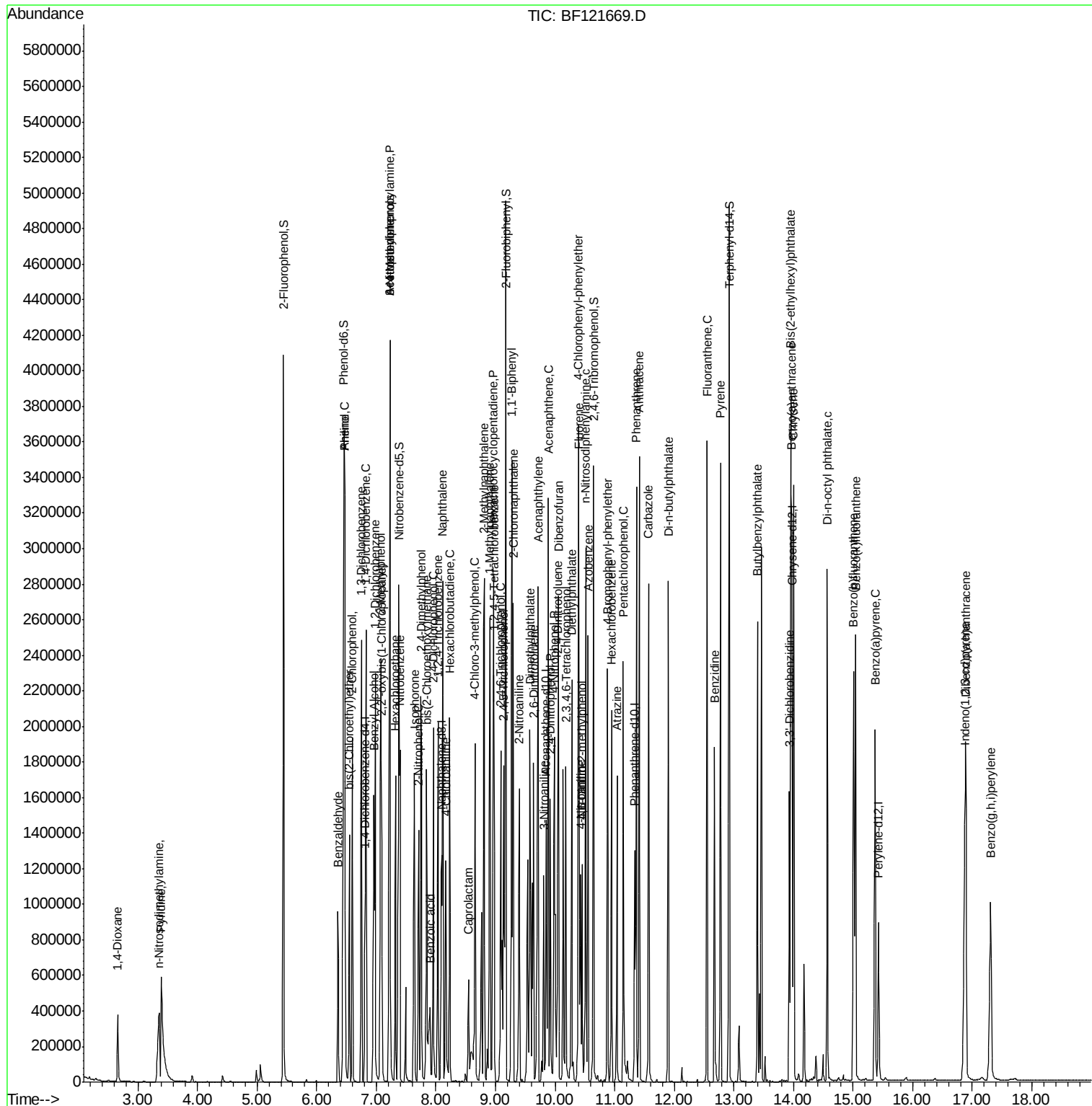
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	417852	81.116	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	279162	45.404	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	298256	45.886	nq	95
46) 1,1'-Biphenyl	9.27	154	1028256	44.478	nq	100
47) 2-Chloronaphthalene	9.30	162	814755	44.723	nq	100
48) 2-Nitroaniline	9.40	65	280920	49.622	nq	96
49) Acenaphthylene	9.72	152	1256597	44.893	nq	100
50) Dimethylphthalate	9.58	163	955134	45.635	nq	99
51) 2,6-Dinitrotoluene	9.64	165	219474	49.238	nq	99
52) Acenaphthene	9.89	154	740880	41.906	nq	99
53) 3-Nitroaniline	9.81	138	179868	34.834	nq	99
54) 2,4-Dinitrophenol	9.92	184	220113	84.982	nq	98
55) Dibenzofuran	10.06	168	1097260	44.071	nq	100
56) 4-Nitrophenol	9.99	139	354011	85.967	nq	92
57) 2,4-Dinitrotoluene	10.05	165	291382	51.961	nq	94
58) Fluorene	10.40	166	857417	45.033	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	246073	46.568	nq	99
60) Diethylphthalate	10.28	149	919798	45.074	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	414104	45.403	nq	97
62) 4-Nitroaniline	10.43	138	242081	47.217	nq	96
63) Azobenzene	10.55	77	939169	43.218	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	155104	48.125	nq	93
66) n-Nitrosodiphenylamine	10.52	169	817726	45.401	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	280109	46.863	nq	95
68) Hexachlorobenzene	10.95	284	320335	47.489	nq	97
69) Atrazine	11.04	200	202490	45.252	nq	98
70) Pentachlorophenol	11.15	266	313762	84.697	nq	99
71) Phenanthrene	11.36	178	1302939	45.552	nq	99
72) Anthracene	11.42	178	1336667	45.284	nq	100
73) Carbazole	11.57	167	1232574	46.273	nq	100
74) Di-n-butylphthalate	11.90	149	1348298	43.857	nq	100
75) Fluoranthene	12.55	202	1407157	46.085	nq	100
77) Benzidine	12.67	184	745086	52.630	nq	100
78) Pyrene	12.78	202	1438920	46.118	nq	100
80) Butylbenzylphthalate	13.40	149	573619	45.458	nq	97
81) Benzo(a)anthracene	13.97	228	1260190	46.645	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	355585	33.713	nq	# 98
83) Chrysene	14.00	228	1256592	45.932	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	728525	43.217	nq	99
85) Di-n-octyl phthalate	14.57	149	1278758	42.984	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1191101	46.693	nq	100
88) Benzo(b)fluoranthene	15.01	252	1230254	46.982	nq	99
89) Benzo(k)fluoranthene	15.04	252	1220809	50.911	nq	98
90) Benzo(a)pyrene	15.37	252	1093262	49.116	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	974356	45.886	nq	99
92) Benzo(g,h,i)perylene	17.31	276	971116	46.525	nq	99

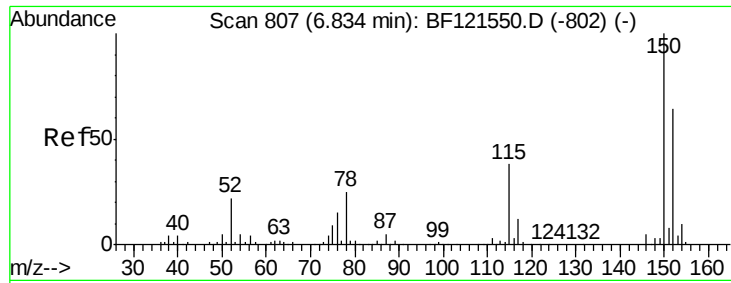
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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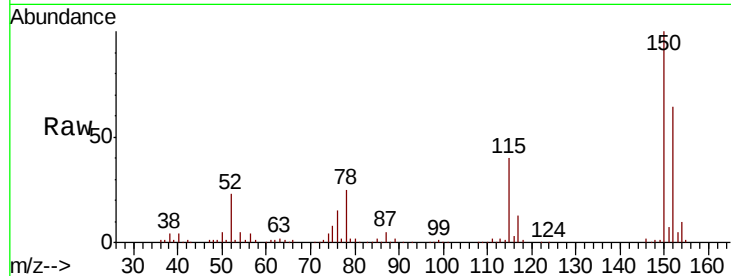


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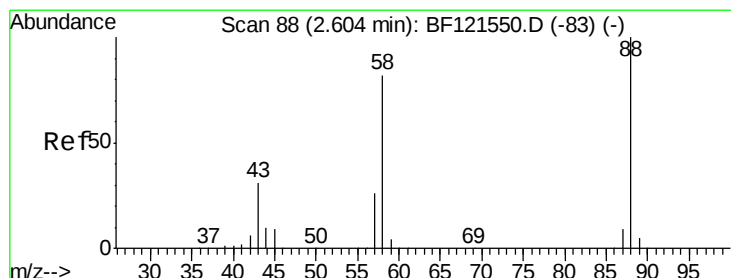
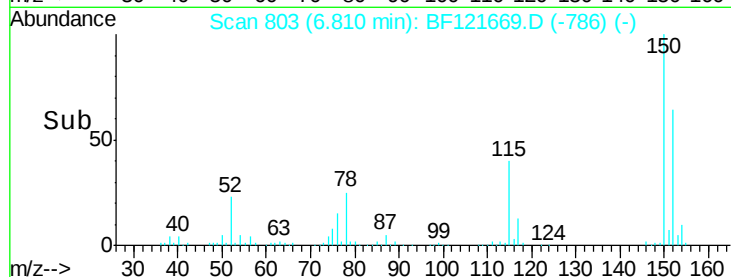
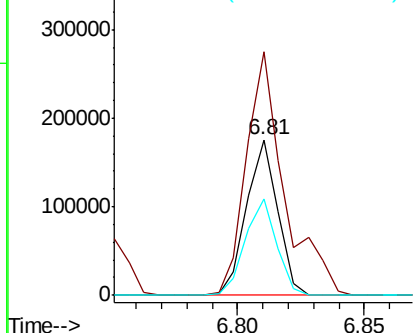
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:152 Resp: 150326
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 61.9 52.6 79.0



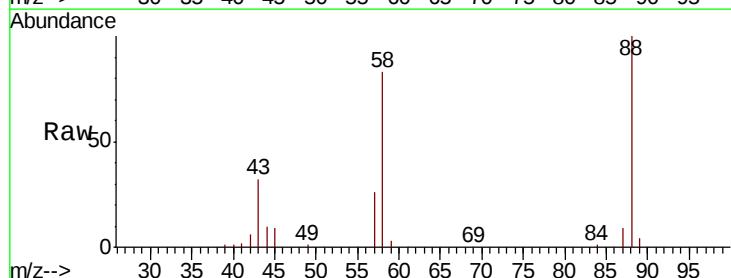
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



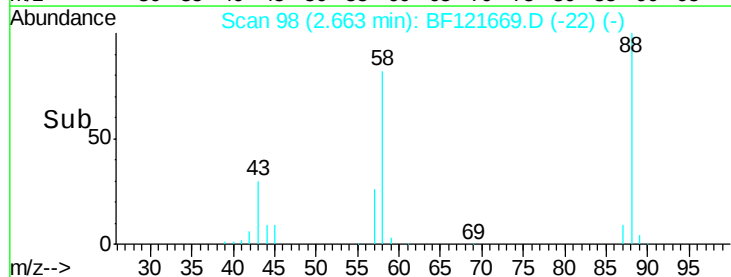
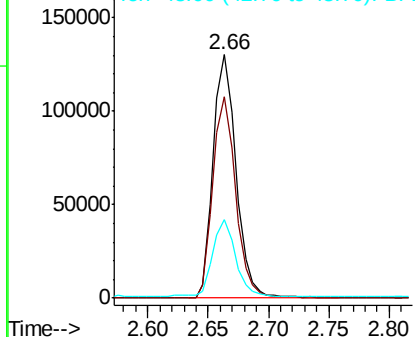
#2

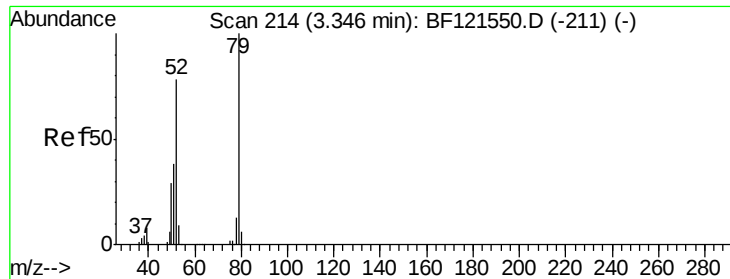
1,4-Dioxane
Concen: 36.850 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.15 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion: 88 Resp: 171245
Ion Ratio Lower Upper
88 100
58 82.5 65.4 98.0
43 31.8 24.9 37.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.667 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.14 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

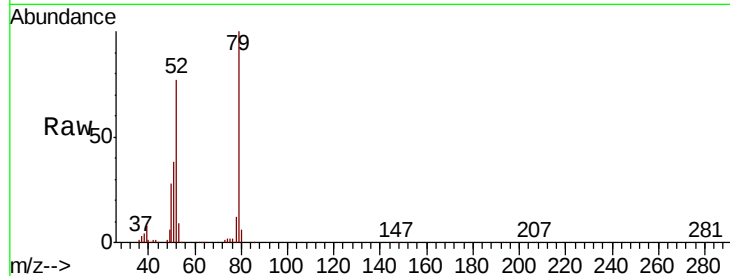
Tot Ion: 79 Resp: 522448

Ion Ratio Lower Upper

79 100

52 76.6 63.4 95.0

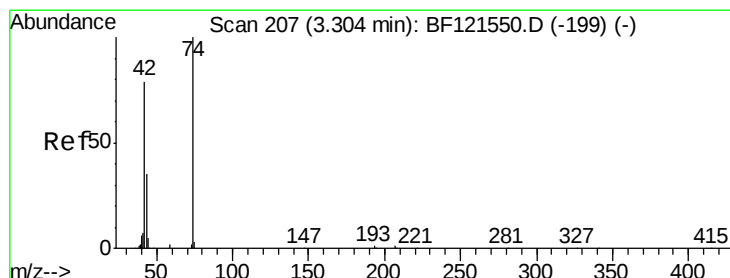
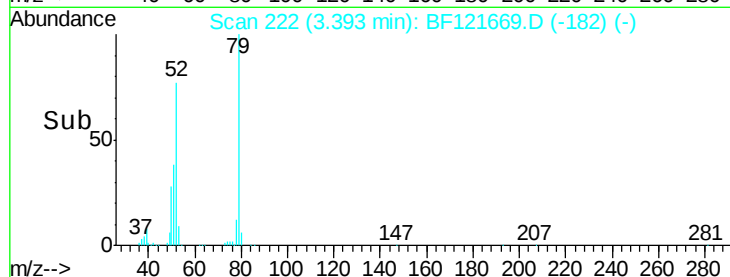
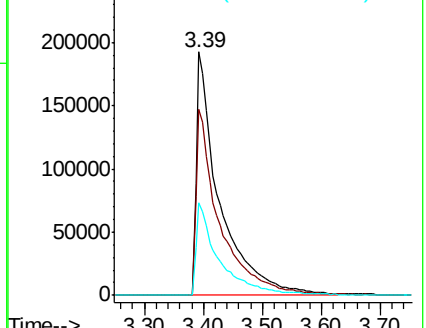
51 38.2 30.7 46.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.684 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.14 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

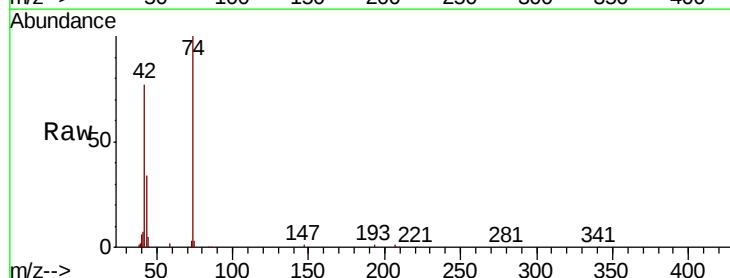
Tgt Ion: 42 Resp: 266277

Ion Ratio Lower Upper

42 100

74 130.0 102.6 154.0

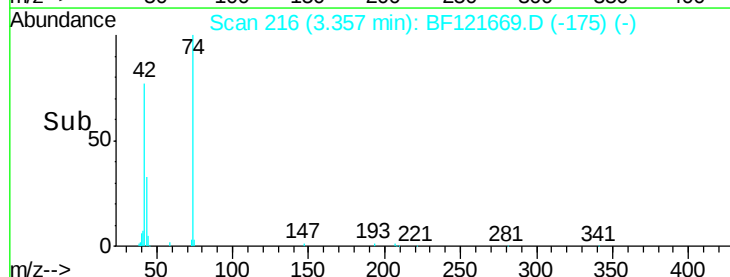
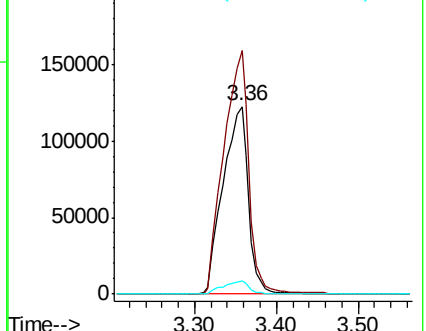
44 6.8 6.0 9.0

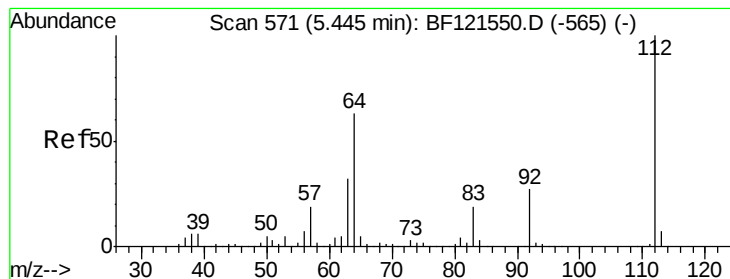


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.798 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

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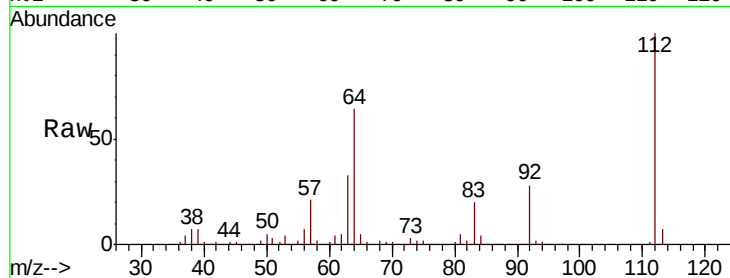
Tot Ion: 112 Resp: 1201678

Ion Ratio Lower Upper

112 100

64 64.2 52.2 78.2

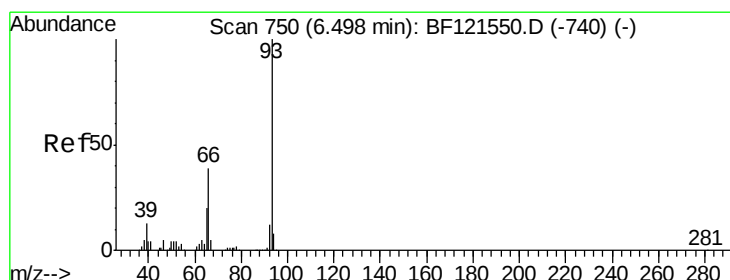
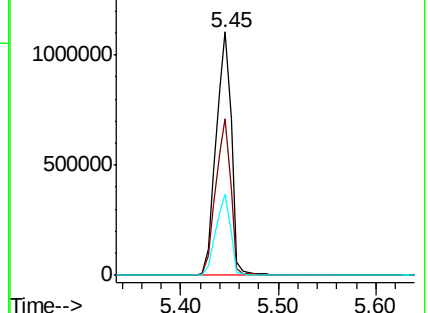
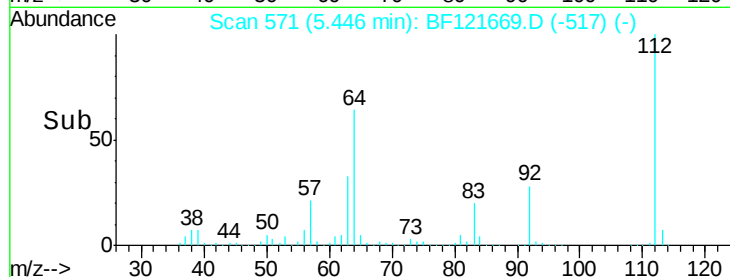
63 33.5 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.839 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

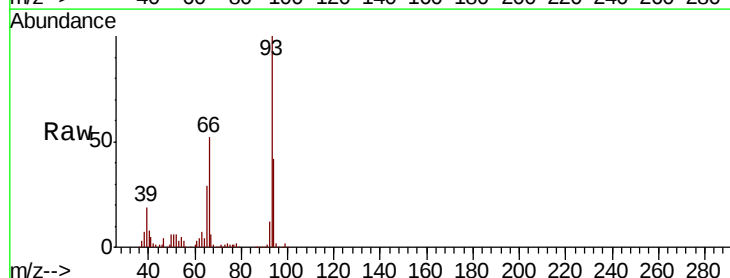
Tgt Ion: 93 Resp: 602150

Ion Ratio Lower Upper

93 100

66 51.6 31.9 47.9#

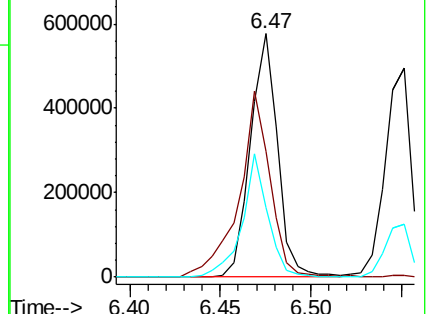
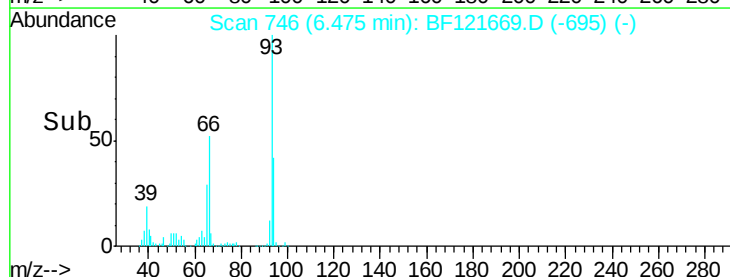
65 28.5 16.1 24.1#

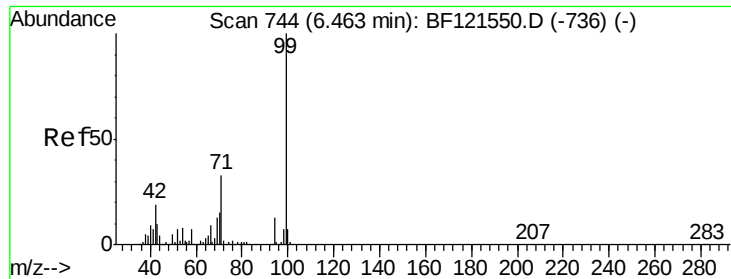


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.100 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

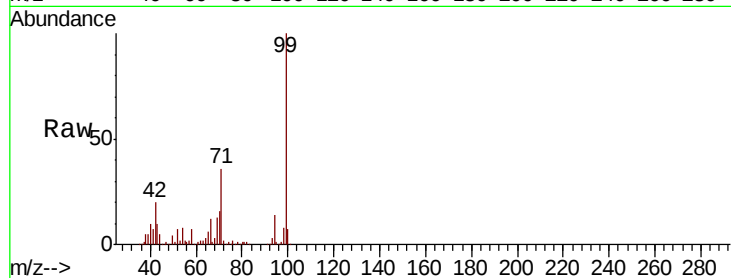
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1540728

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	35.6	27.4	41.2

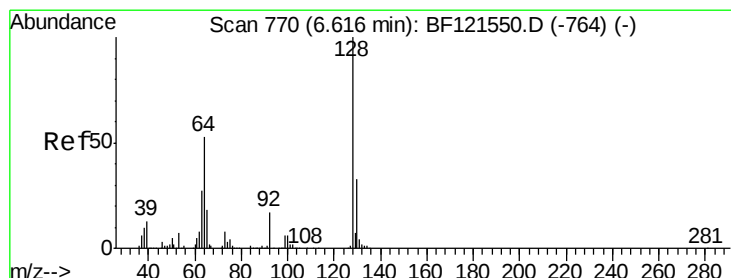
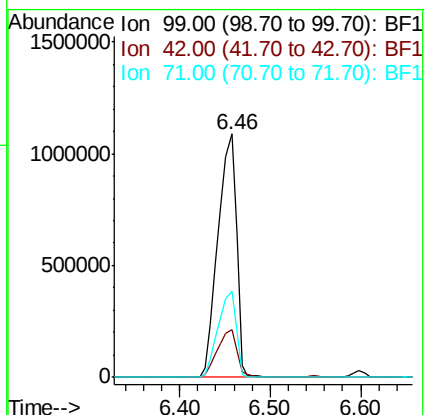
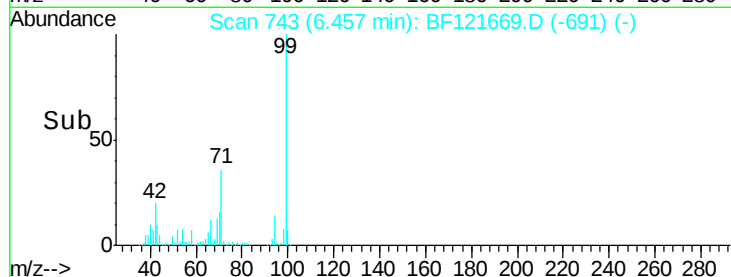


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.072 ng

RT: 6.60 min Scan# 767

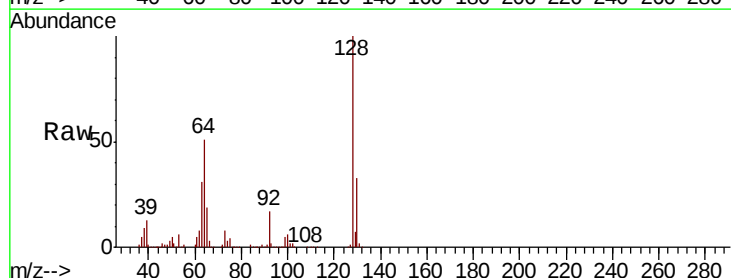
Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion: 128 Resp: 495089

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.5	53.5
64	50.7	29.3	69.3

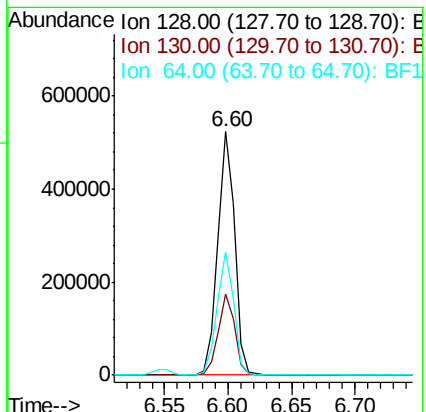
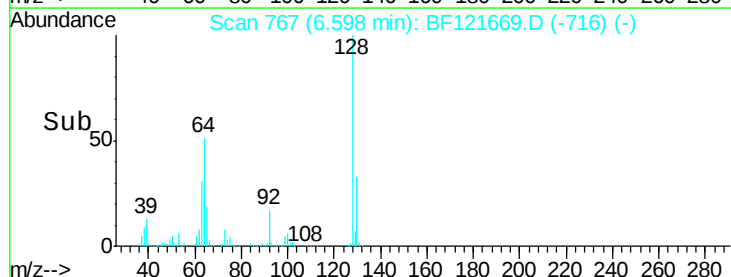


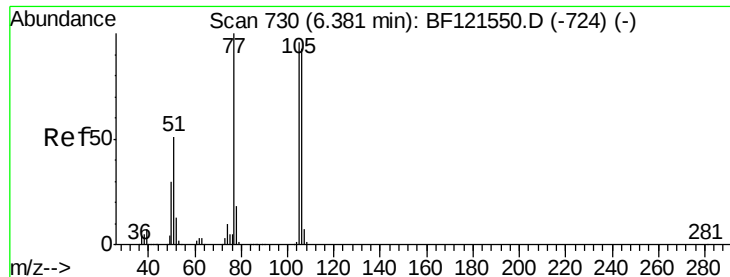
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.141 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

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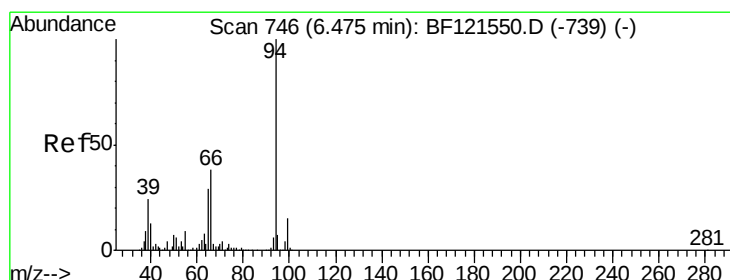
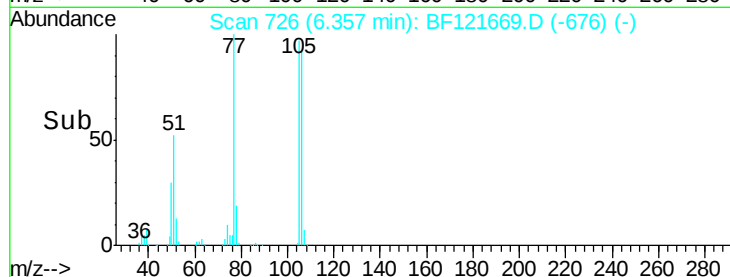
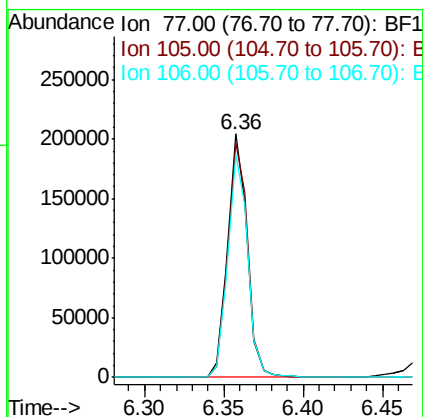
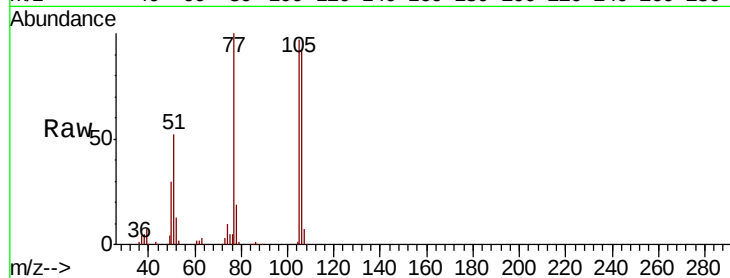
Tot Ion: 77 Resp: 174728

Ion Ratio Lower Upper

77 100

105 96.6 79.2 119.2

106 91.8 72.9 112.9



#10

Phenol

Concen: 41.819 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

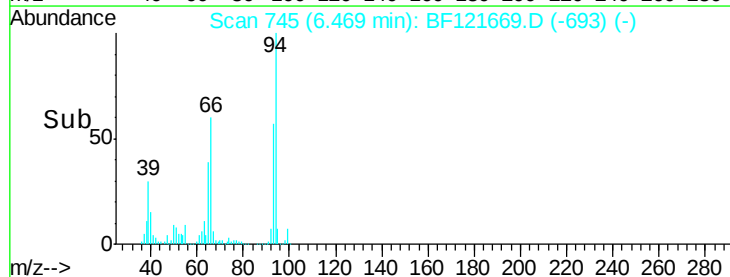
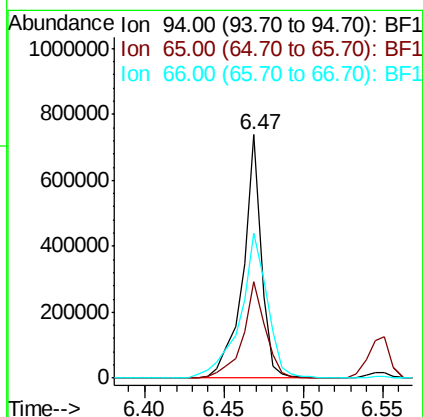
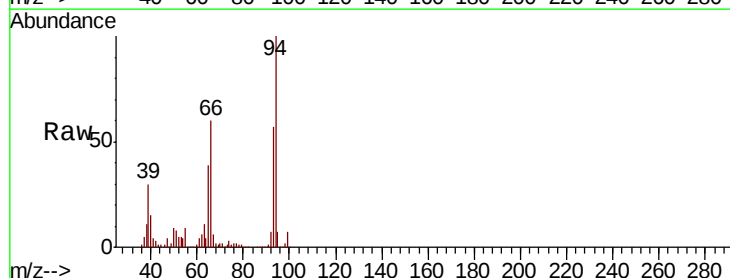
Tgt Ion: 94 Resp: 590976

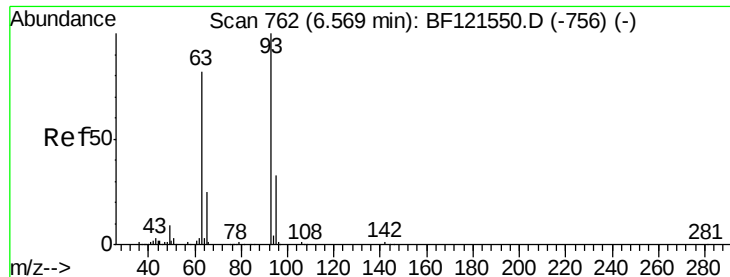
Ion Ratio Lower Upper

94 100

65 39.4 17.8 57.8

66 59.8 37.8 77.8

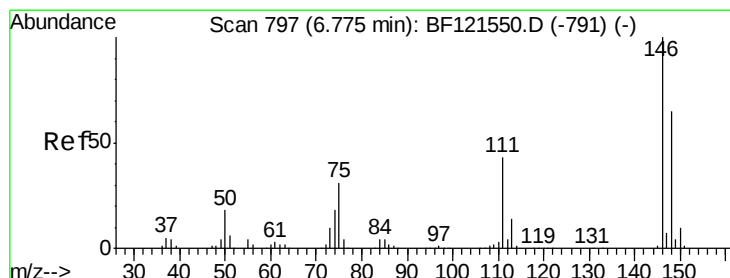
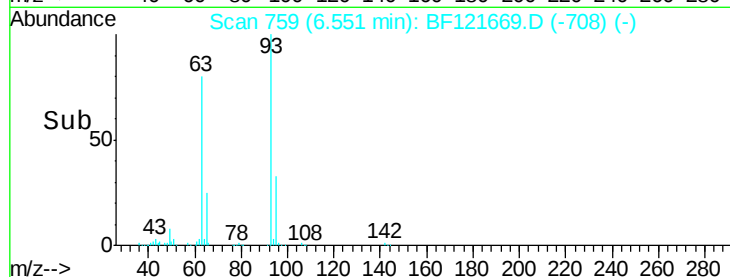
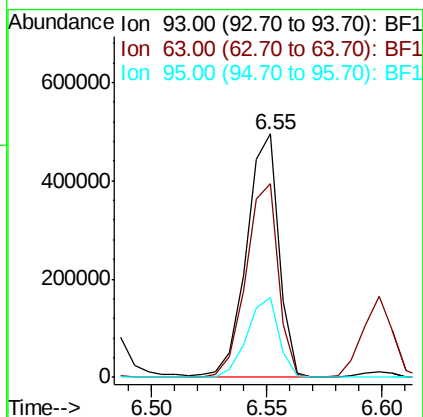
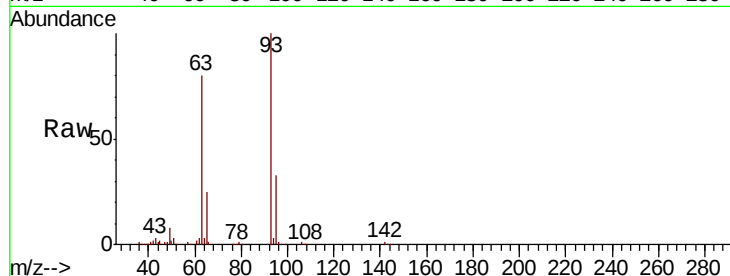




#11
bis(2-Chloroethyl)ether
Concen: 45.277 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

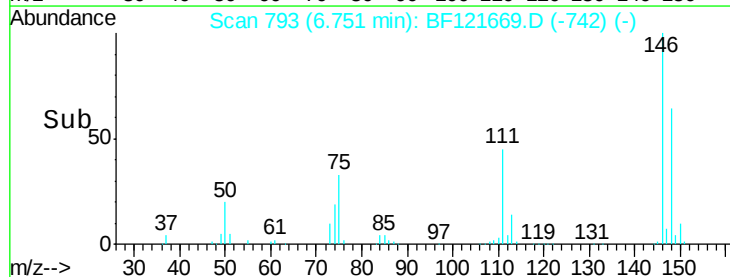
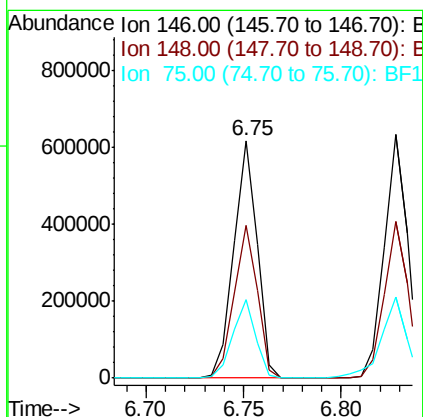
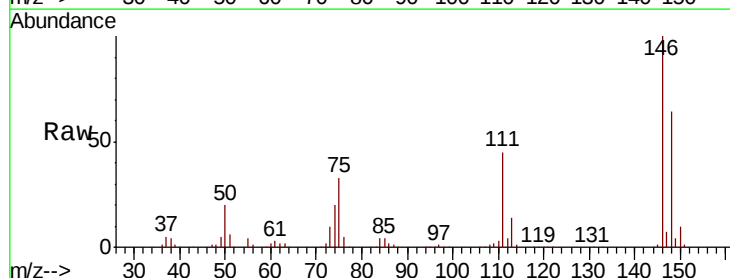
Instrument :
BNA_F
ClientSampleId :
PB131842BS

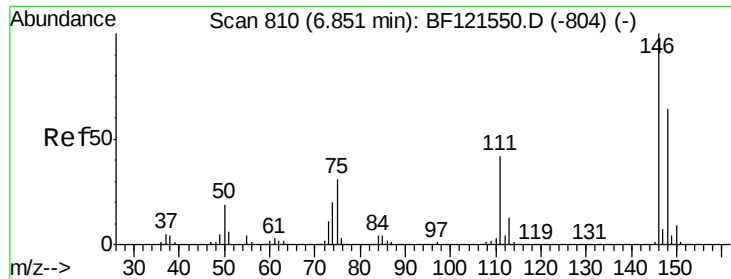
Tot Ion: 93 Resp: 482243
Ion Ratio Lower Upper
93 100
63 79.5 60.3 100.3
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.816 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion: 146 Resp: 515170
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 33.1 23.5 35.3

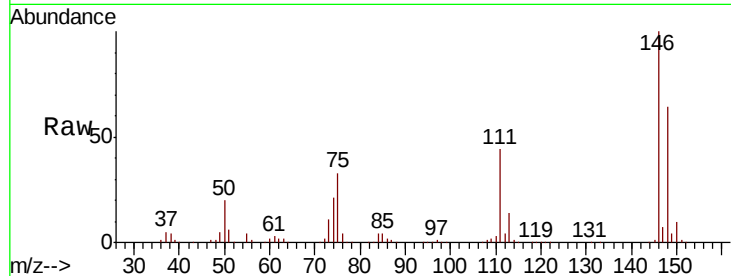




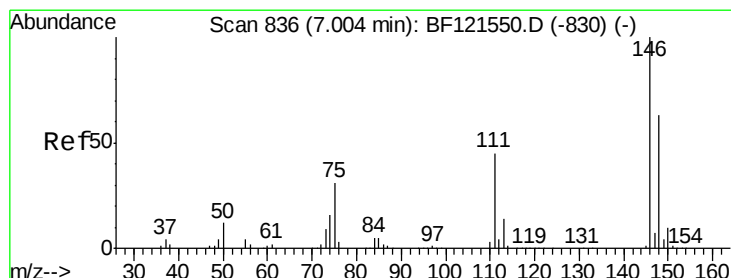
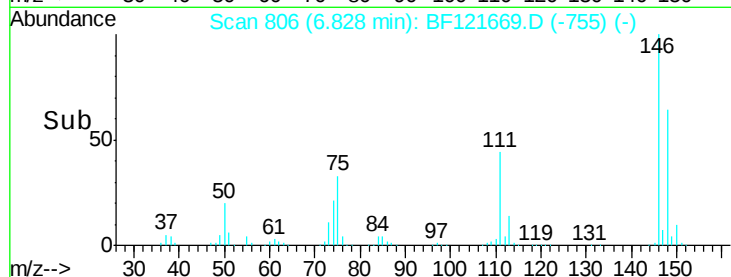
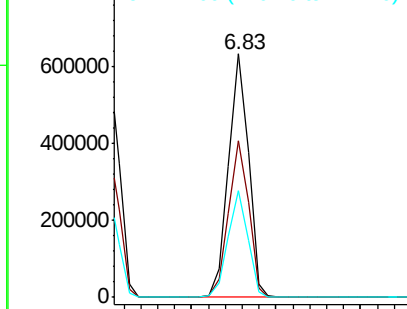
#13
 1,4-Dichlorobenzene
 Concen: 45.006 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion:146 Resp: 519471
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 43.6 32.7 49.1

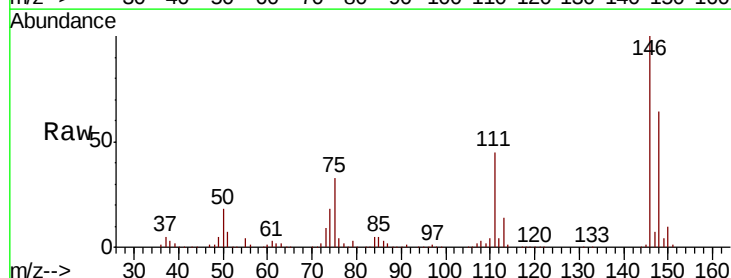


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

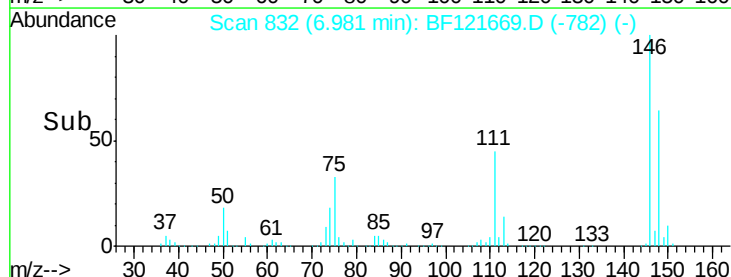
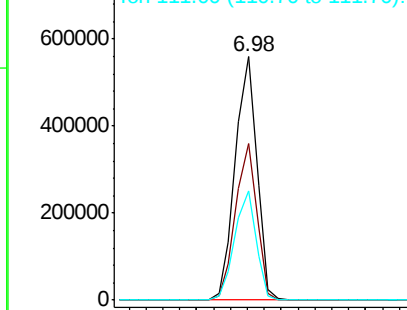


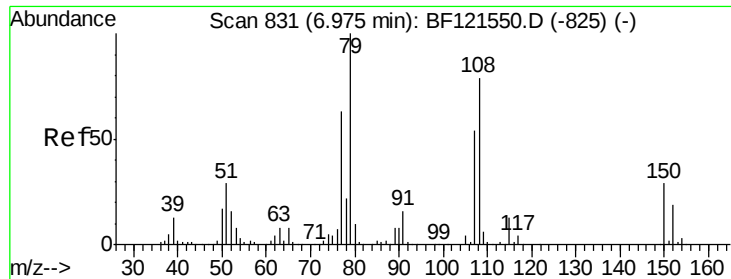
#14
 1,2-Dichlorobenzene
 Concen: 46.888 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion:146 Resp: 498556
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 45.0 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.751 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

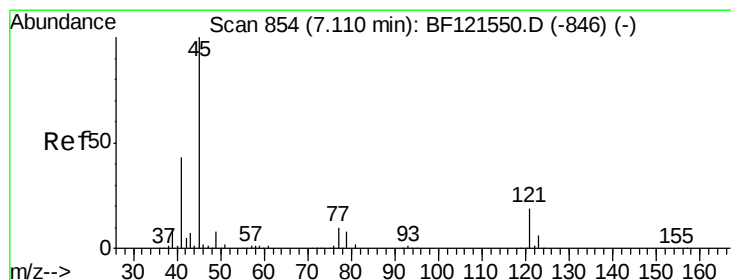
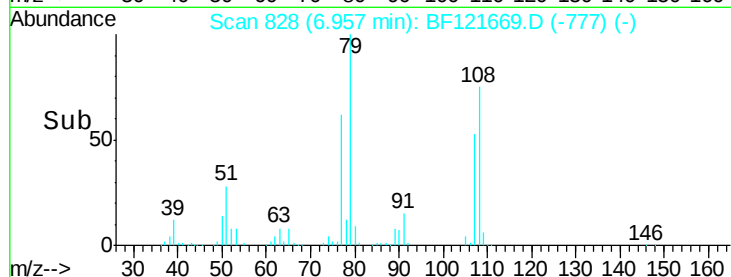
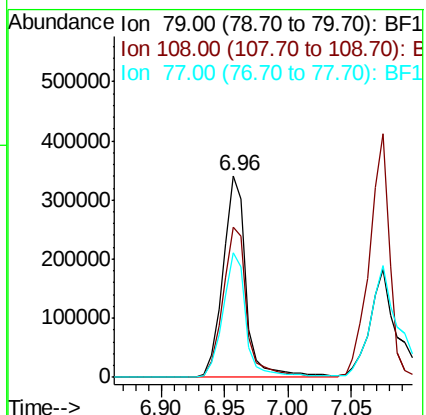
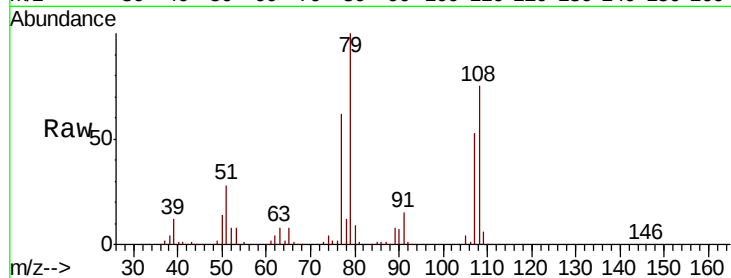
Tot Ion: 79 Resp: 430709

Ion Ratio Lower Upper

79 100

108 74.6 60.2 90.2

77 61.5 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.112 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

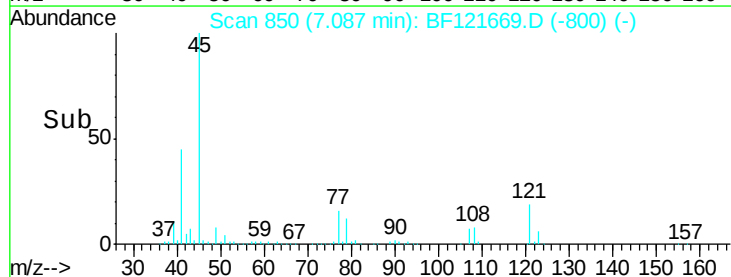
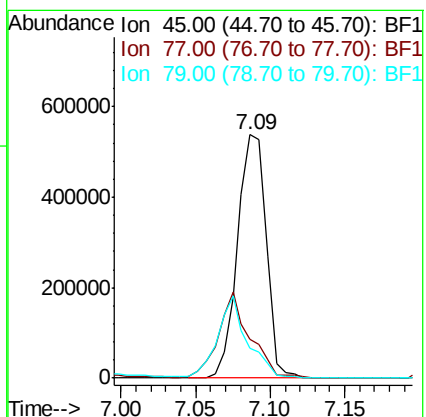
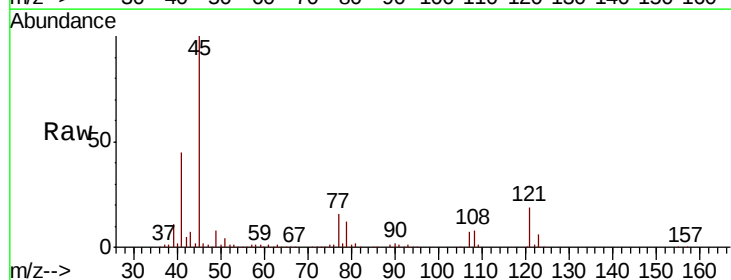
Tgt Ion: 45 Resp: 721764

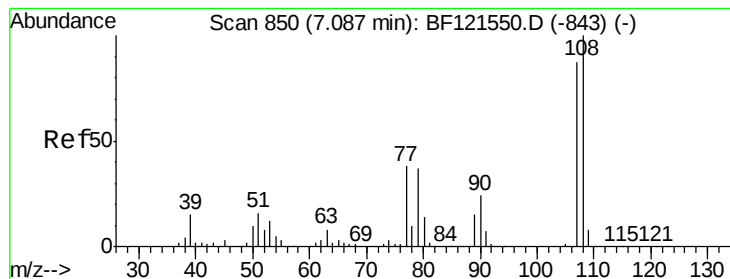
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.8

79 12.5 0.0 31.2





#17

2-Methylphenol

Concen: 45.614 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion:107 Resp: 399706

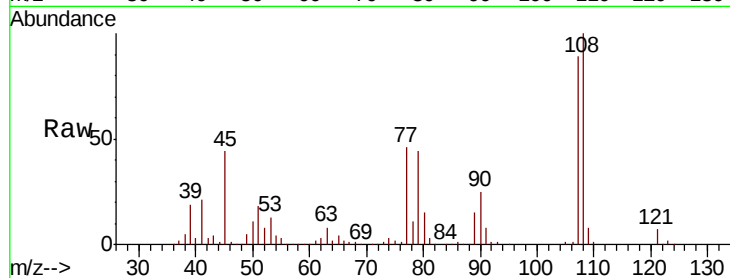
Ion Ratio Lower Upper

107 100

108 112.5 90.6 135.8

77 51.7 38.7 58.1

79 49.9 37.9 56.9

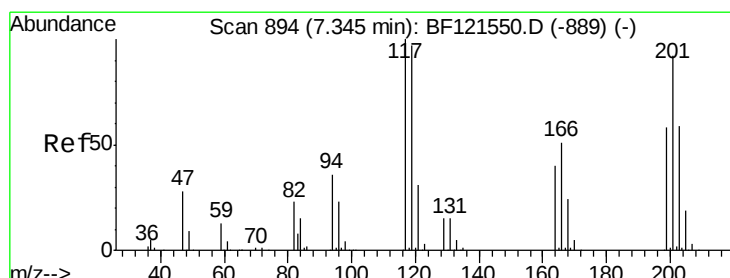
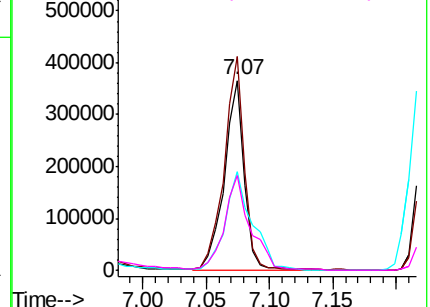
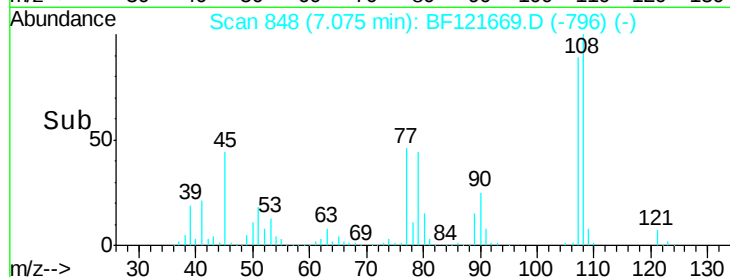


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 46.365 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

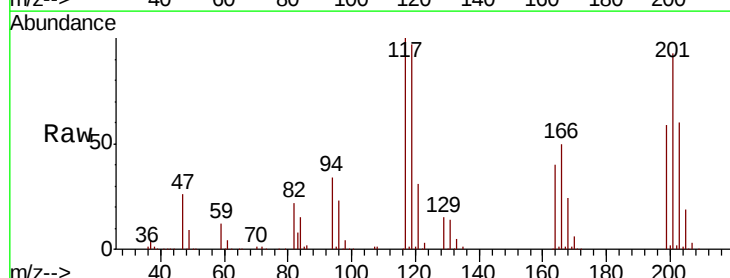
Tgt Ion:117 Resp: 191618

Ion Ratio Lower Upper

117 100

119 96.9 75.7 113.5

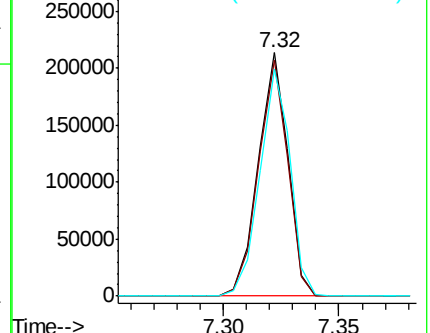
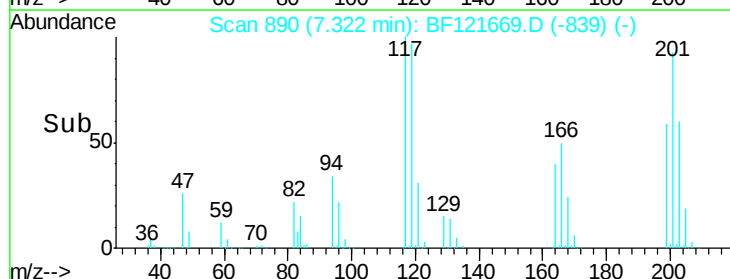
201 93.1 77.5 116.3

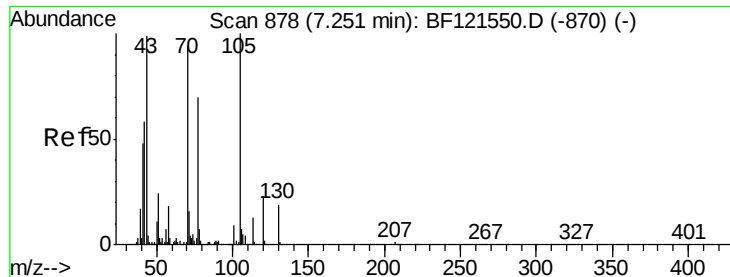


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

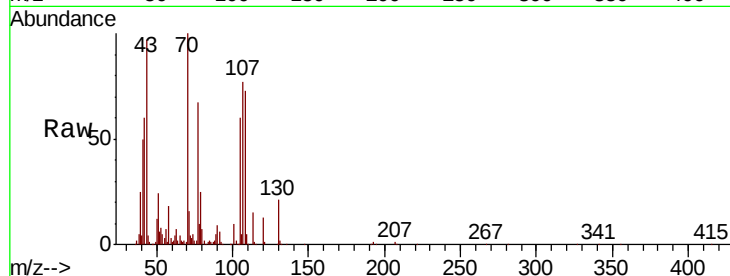




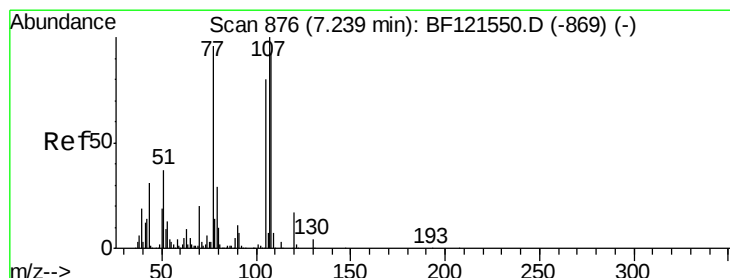
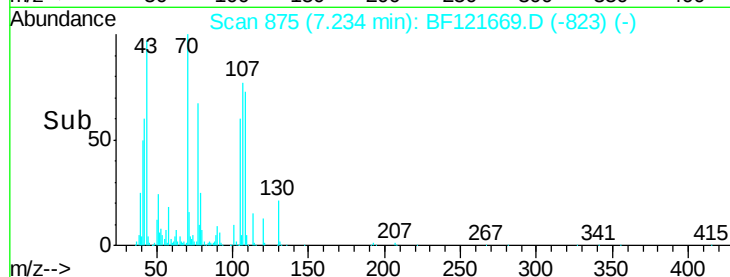
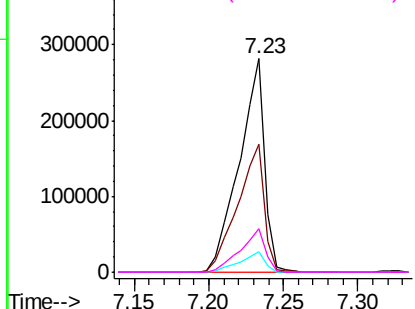
#19
n-Nitroso-di-n-propylamine
Concen: 43.591 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:	70	Resp:	333397
Ion	Ratio	Lower	Upper
70	100		
42	60.1	48.3	72.5
101	9.8	7.6	11.4
130	20.6	15.9	23.9

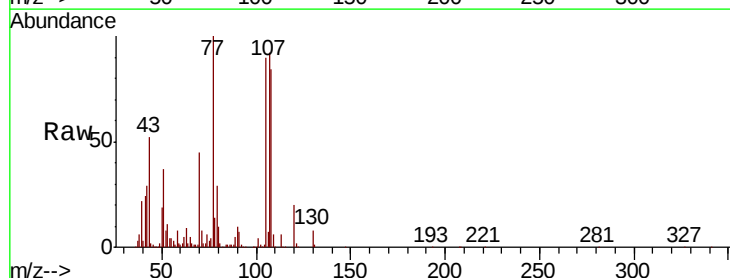


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

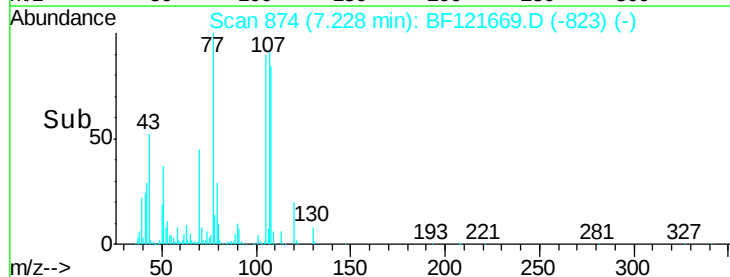
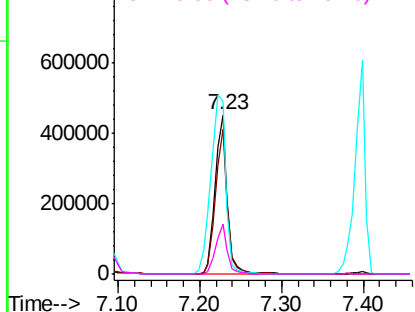


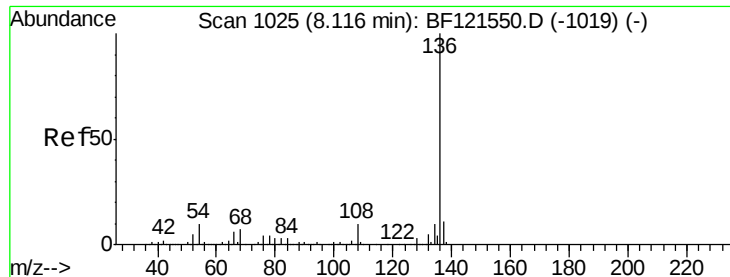
#20
3+4-Methylphenols
Concen: 44.468 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:	107	Resp:	468175
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.0	107.0
77	108.7	107.7	147.7
79	31.7	10.3	50.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion:136 Resp: 568737

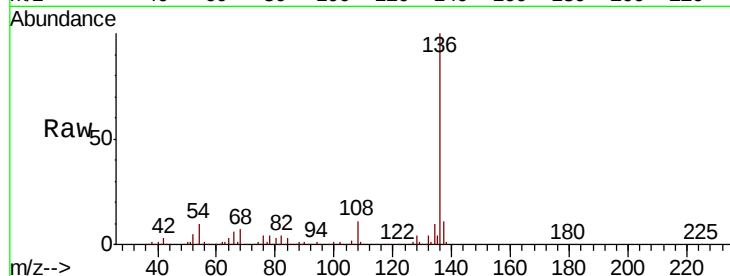
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 7.4 11.0

68 6.8 5.3 7.9

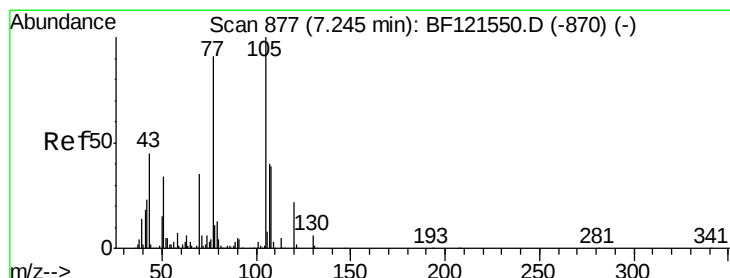
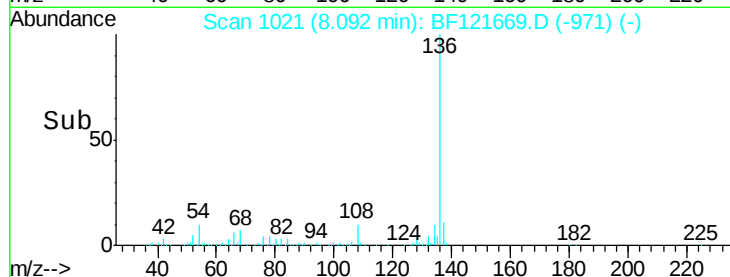
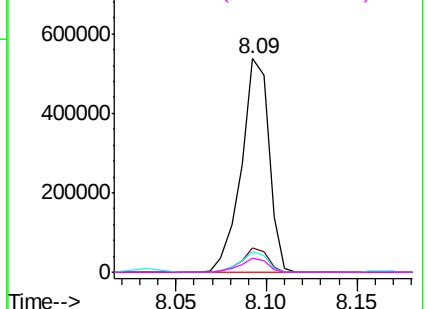


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.244 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:105 Resp: 638432

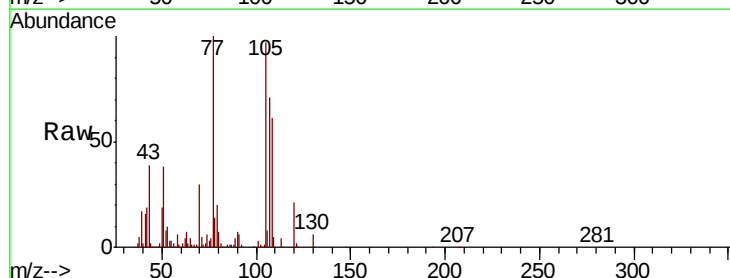
Ion Ratio Lower Upper

105 100

71 5.2 5.5 8.3#

51 39.8 31.7 47.5

120 21.3 17.4 26.2

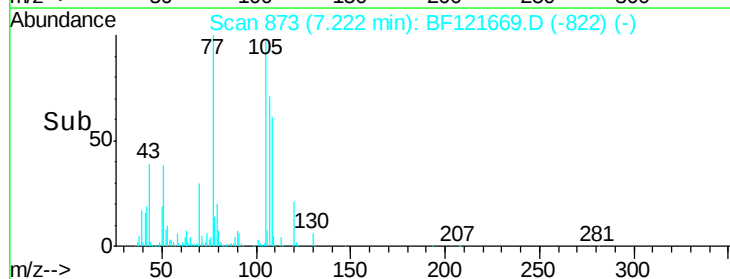
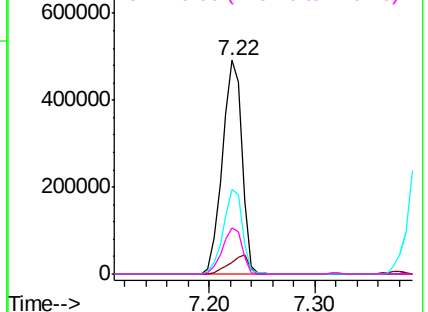


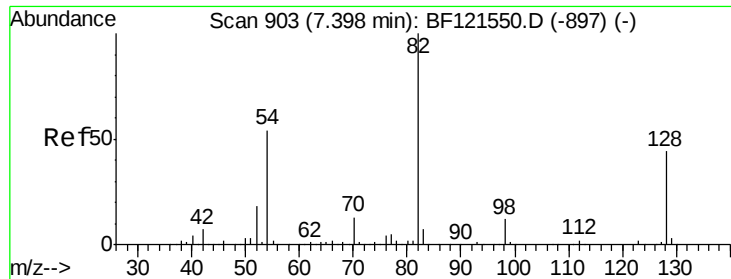
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

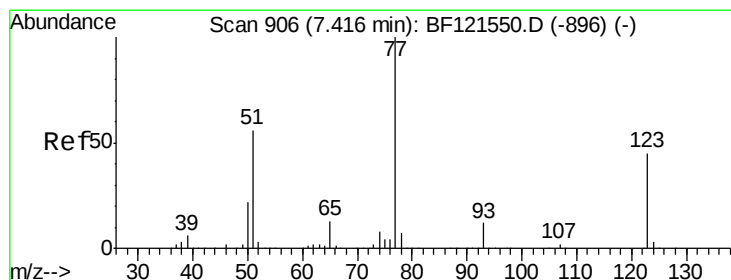
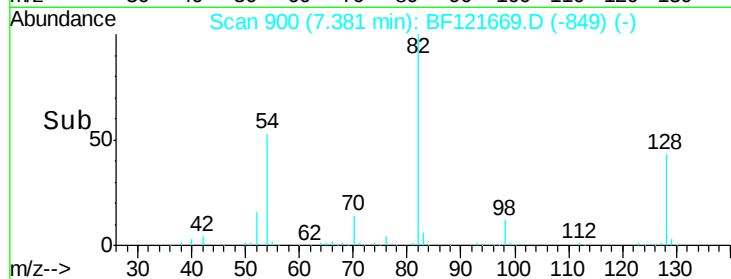
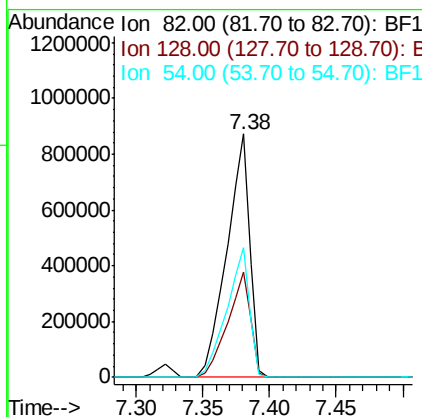
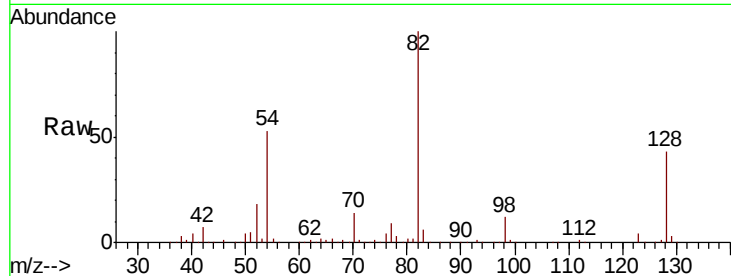




#23
 Nitrobenzene-d5
 Concen: 99.534 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

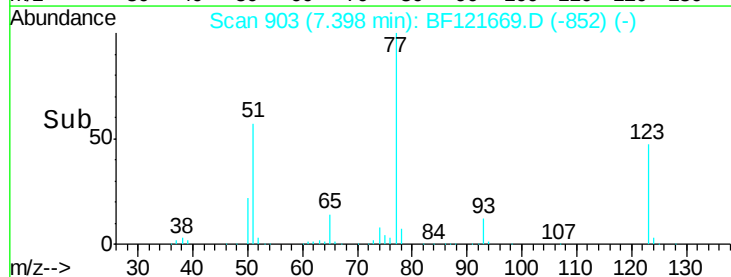
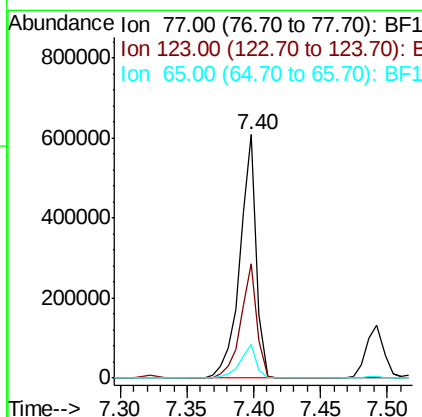
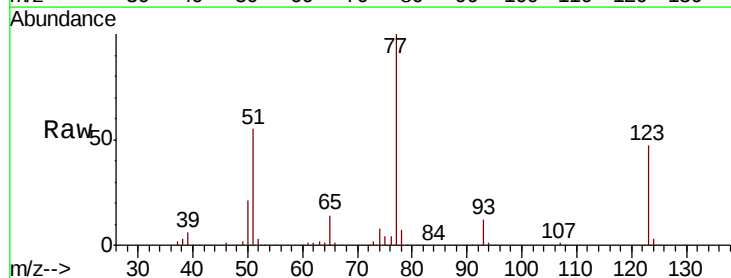
Instrument :
 BNA_F
 ClientSampleID :
 PB131842BS

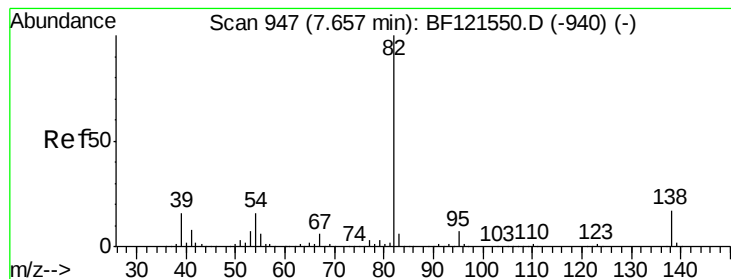
Tot Ion: 82 Resp: 1054330
 Ion Ratio Lower Upper
 82 100
 128 43.4 33.9 50.9
 54 53.3 42.9 64.3



#24
 Nitrobenzene
 Concen: 45.532 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion: 77 Resp: 521638
 Ion Ratio Lower Upper
 77 100
 123 46.7 35.8 53.8
 65 13.6 11.2 16.8





#25

Isophorone

Concen: 43.195 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

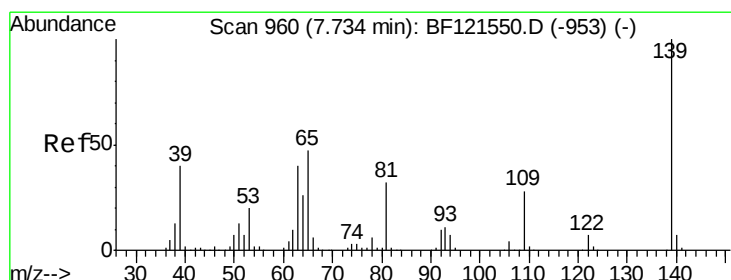
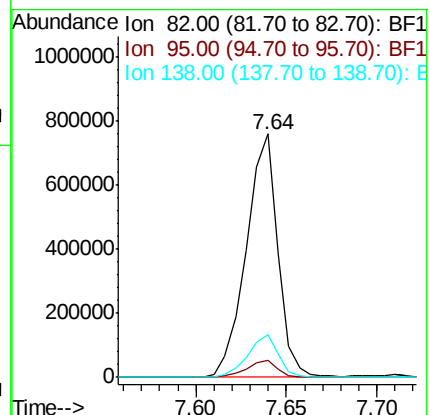
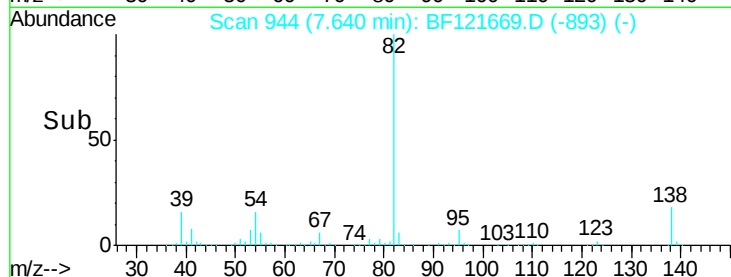
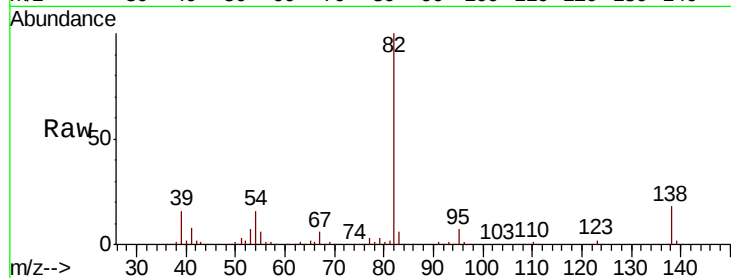
Tot Ion: 82 Resp: 921056

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 17.7 13.2 19.8



#26

2-Nitrophenol

Concen: 46.762 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

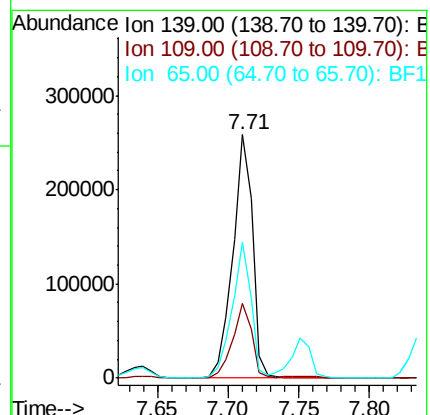
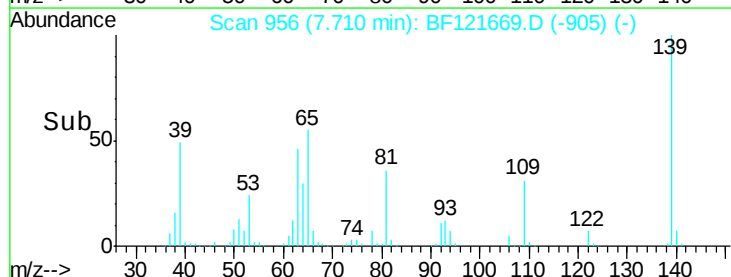
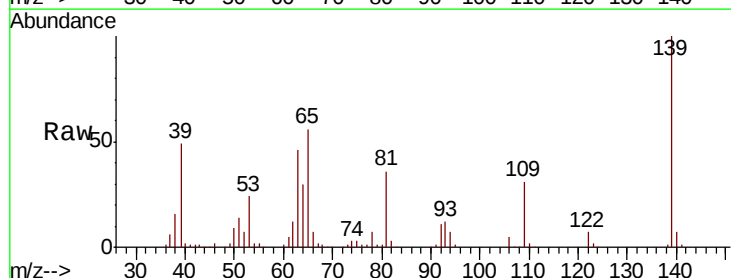
Tgt Ion: 139 Resp: 251830

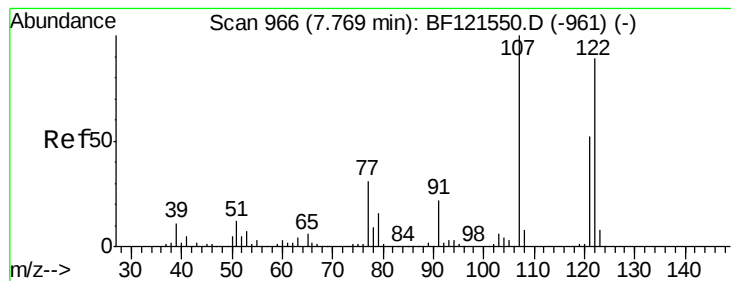
Ion Ratio Lower Upper

139 100

109 30.7 23.4 35.2

65 55.6 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 43.962 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

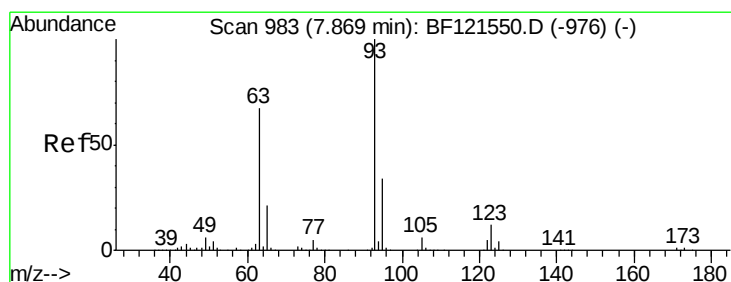
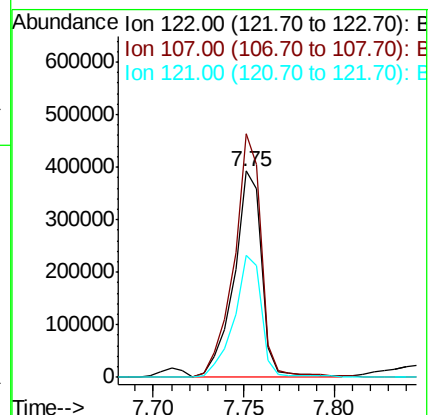
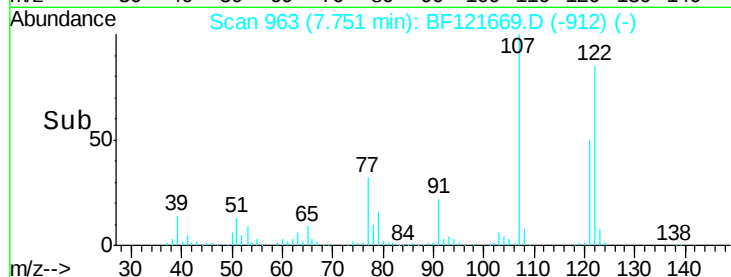
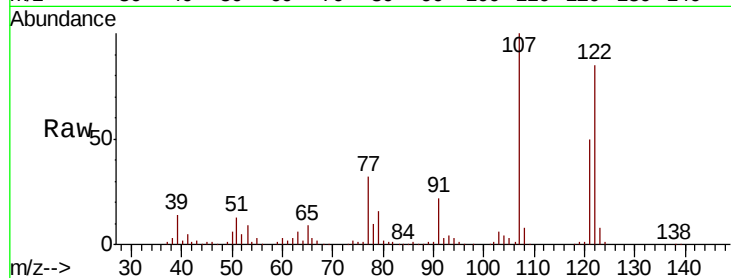
Tot Ion:122 Resp: 418440

Ion Ratio Lower Upper

122 100

107 118.1 91.4 137.0

121 59.4 46.2 69.2



#28

bis(2-Chloroethoxy)methane

Concen: 43.678 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

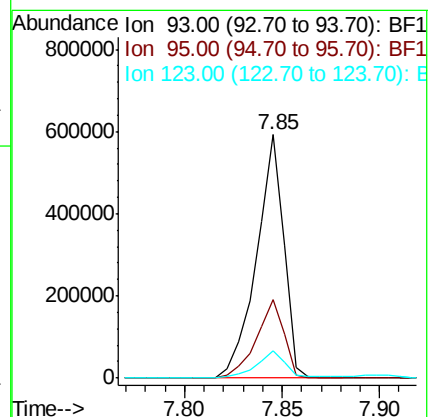
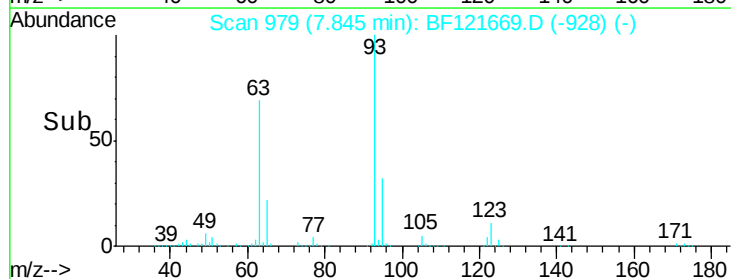
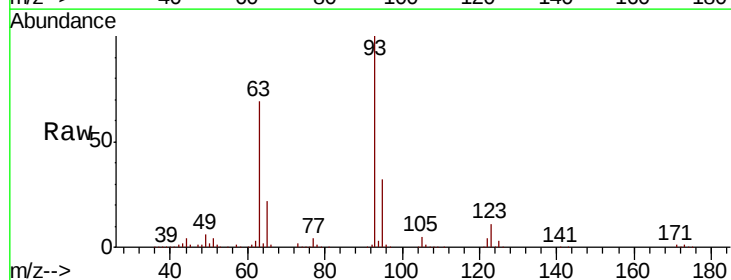
Tgt Ion: 93 Resp: 576575

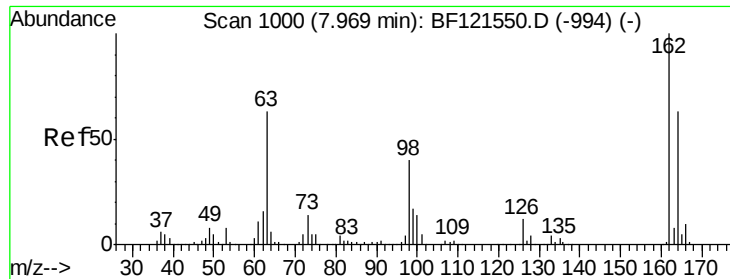
Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

123 11.1 9.3 13.9

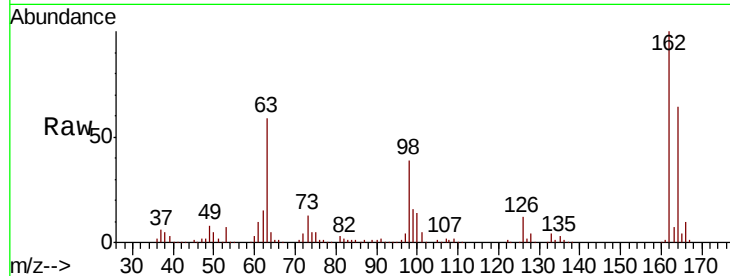




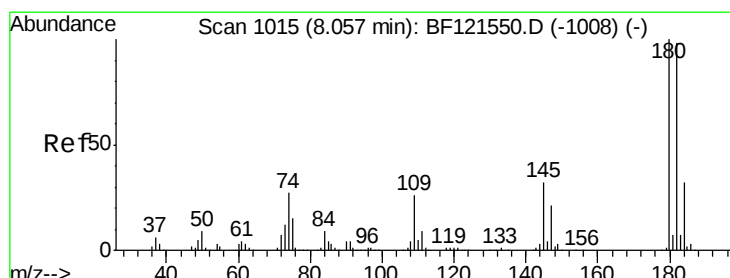
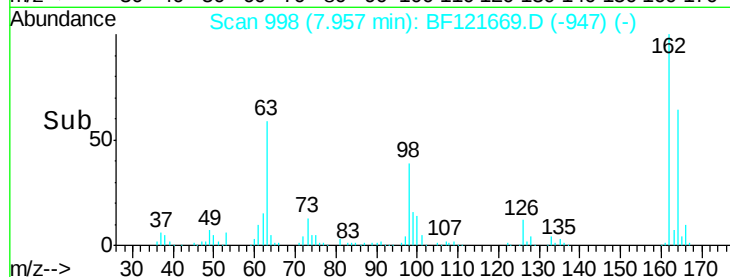
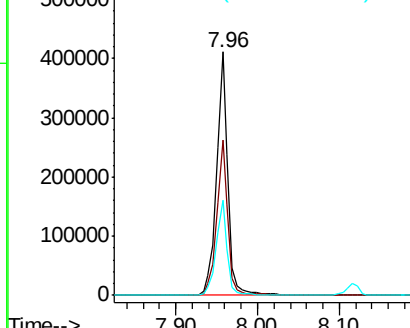
#29
 2,4-Dichlorophenol
 Concen: 45.844 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleID :
 PB131842BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	39.3	16.7	56.7

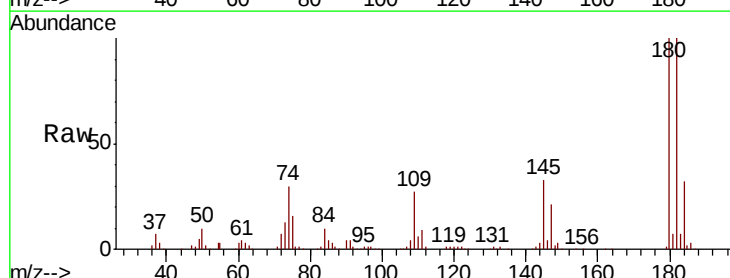


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

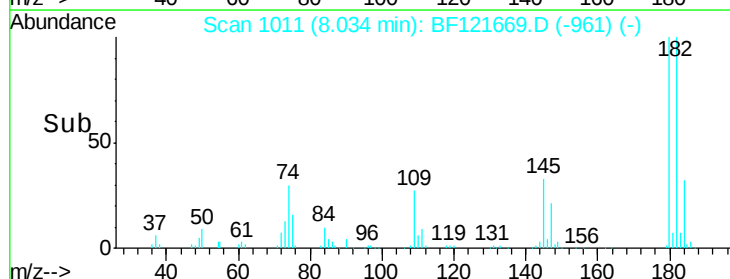
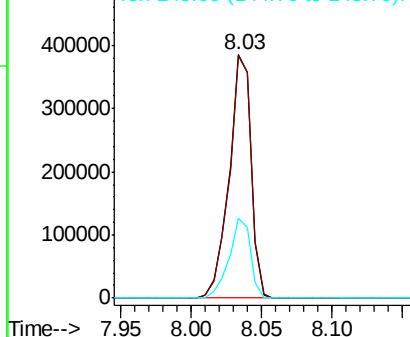


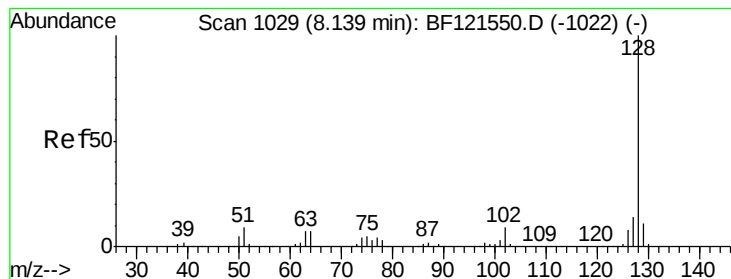
#30
 1,2,4-Trichlorobenzene
 Concen: 45.506 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	78.6	117.8
145	32.7	26.2	39.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.833 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

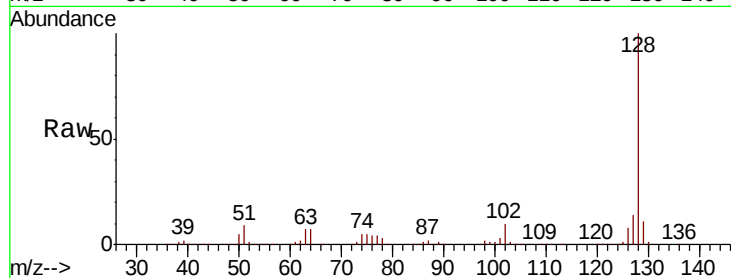
Tot Ion:128 Resp: 1346004

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

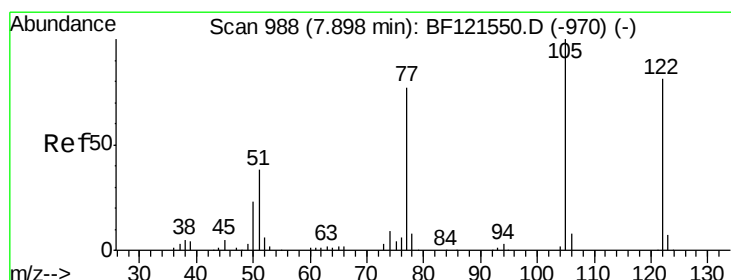
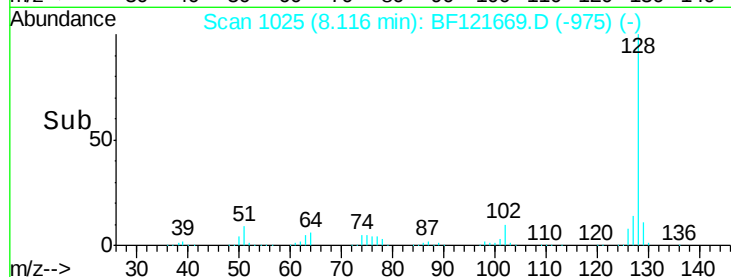
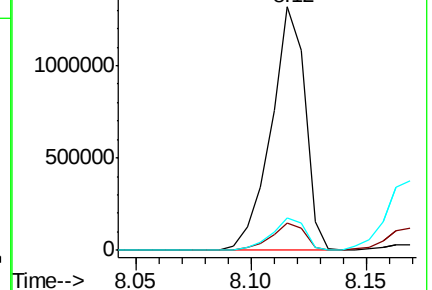
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.215 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

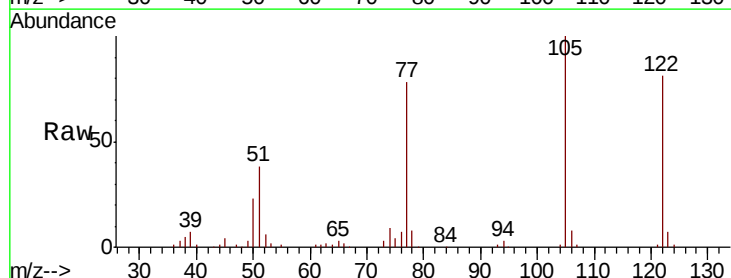
Tgt Ion:122 Resp: 243043

Ion Ratio Lower Upper

122 100

105 123.0 101.9 141.9

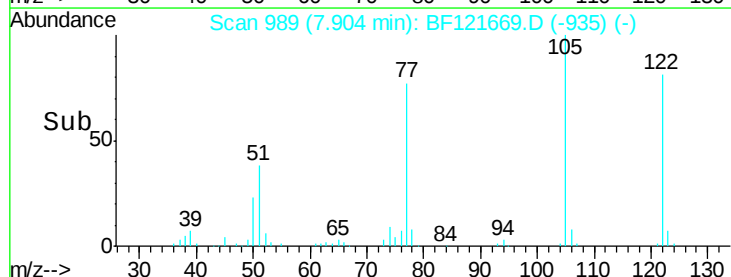
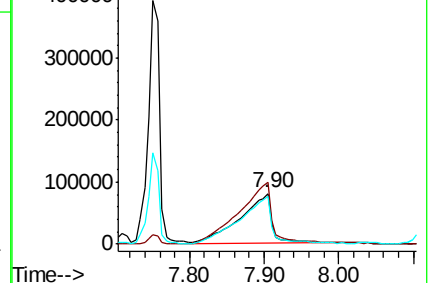
77 95.5 69.0 109.0

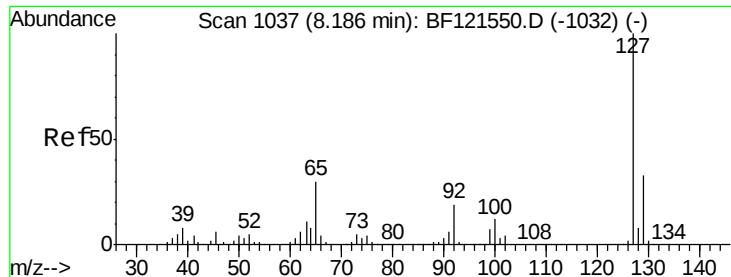


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

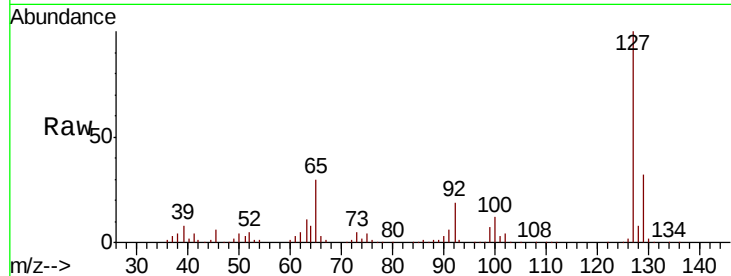




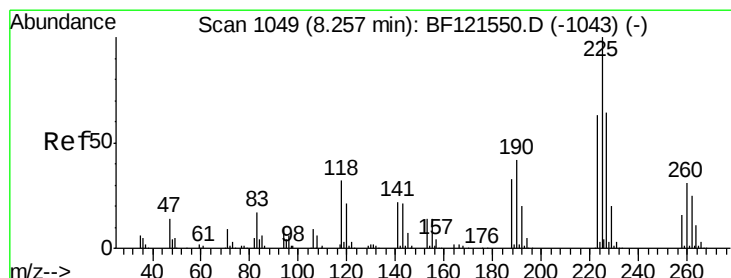
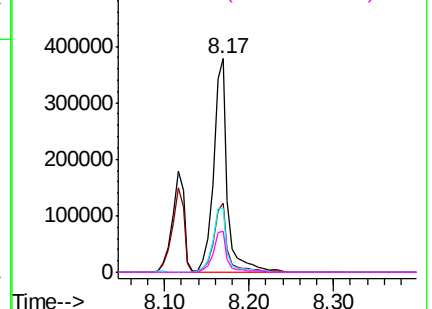
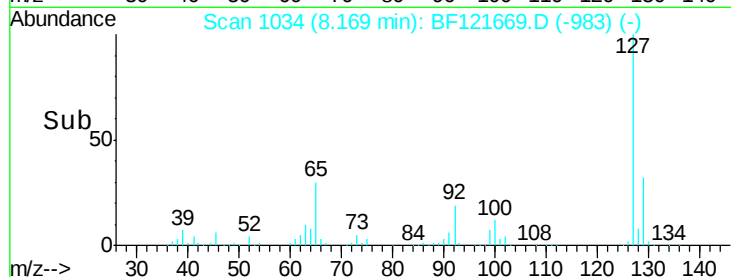
#33
4-Chloroaniline
Concen: 33.397 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:127	Resp:	434632
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.8 38.8
65	30.0	26.3 39.5
92	19.1	16.2 24.4

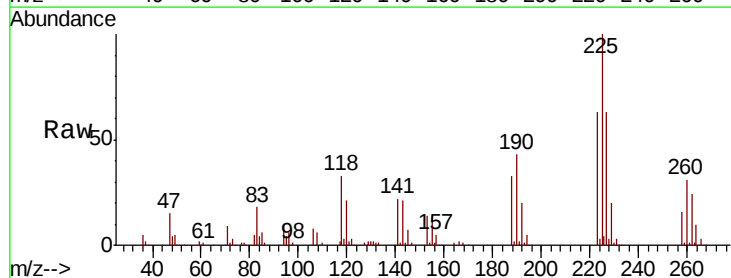


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

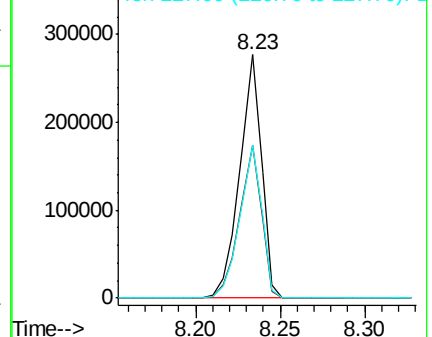
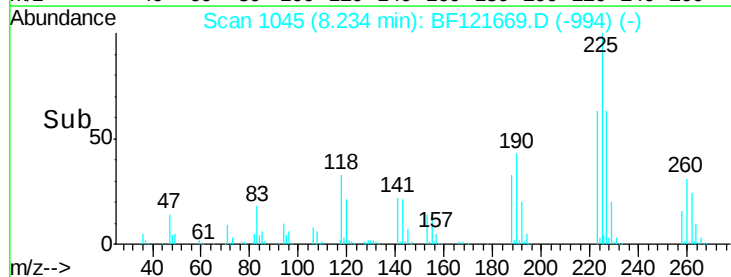


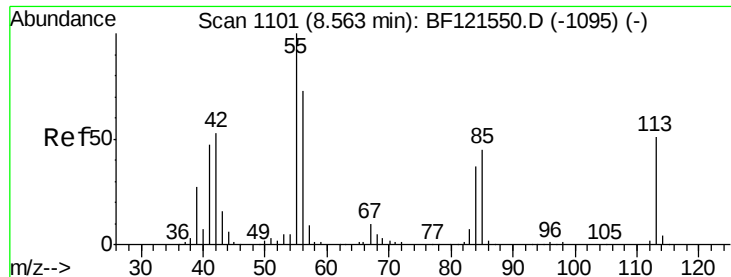
#34
Hexachlorobutadiene
Concen: 46.525 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:225	Resp:	249333
Ion Ratio	Lower	Upper
225	100	
223	63.0	51.4 77.2
227	62.5	51.7 77.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

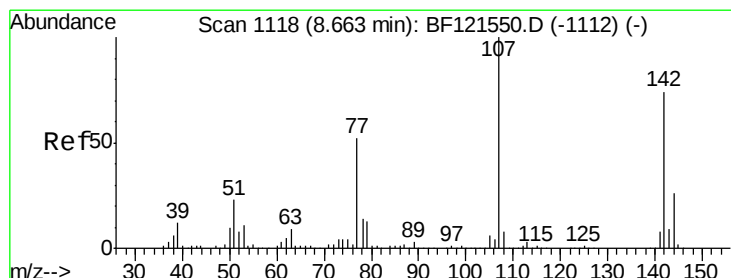
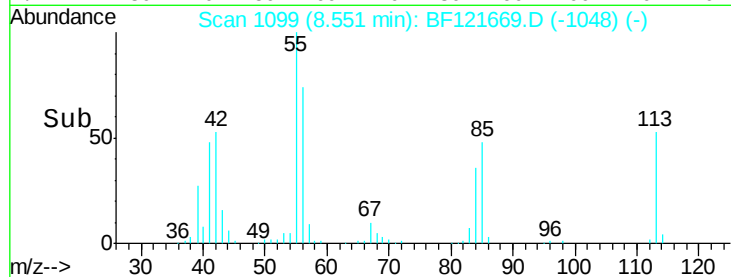
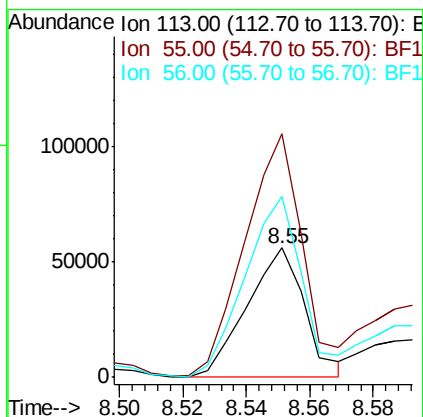
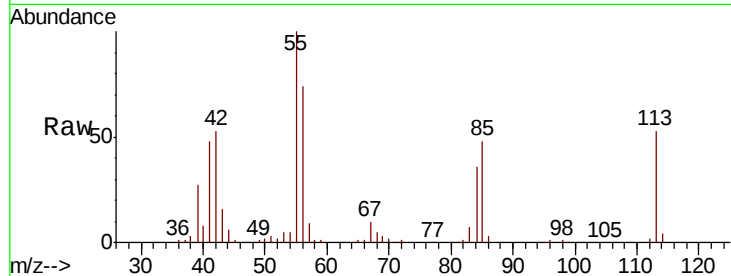




#35
 Caprolactam
 Concen: 24.551 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

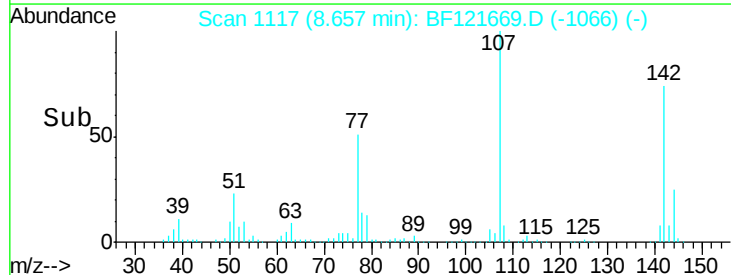
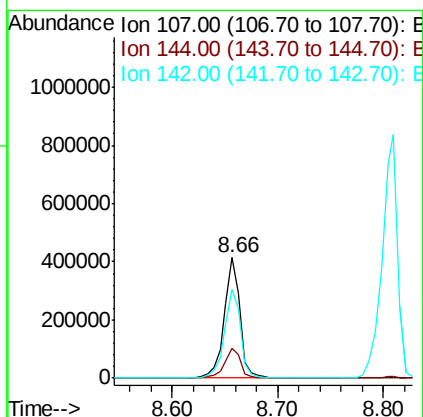
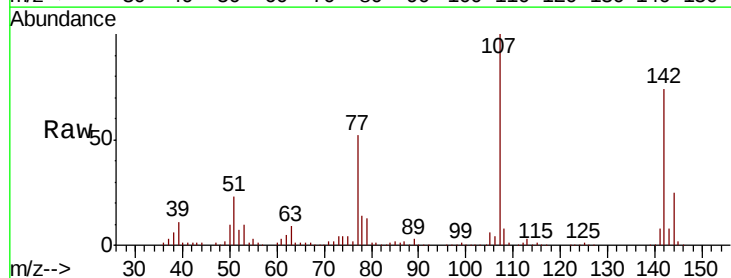
Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

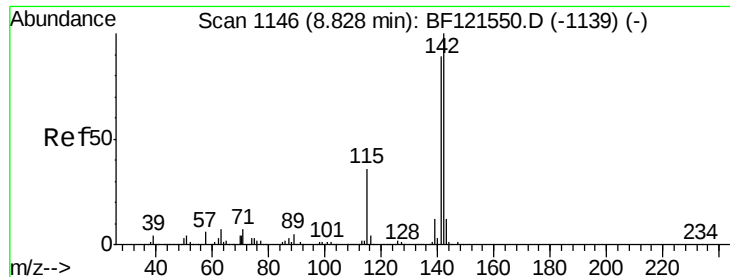
Tot Ion:113 Resp: 70878
 Ion Ratio Lower Upper
 113 100
 55 187.9 166.3 206.3
 56 139.5 118.7 158.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.010 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion:107 Resp: 429680
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.6 31.0
 142 73.7 61.7 92.5

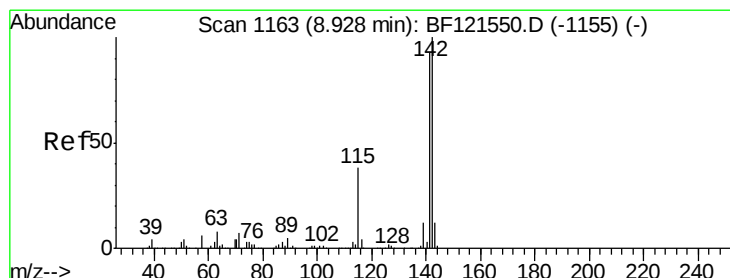
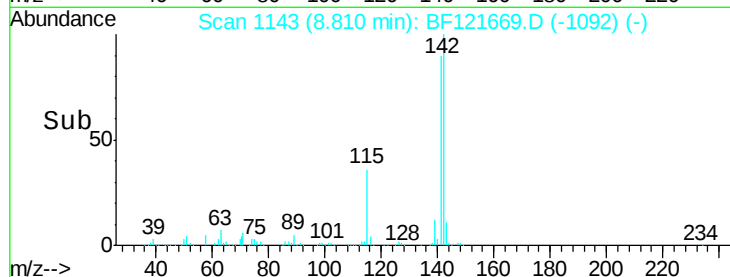
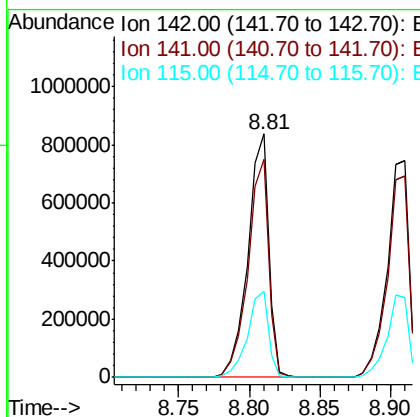
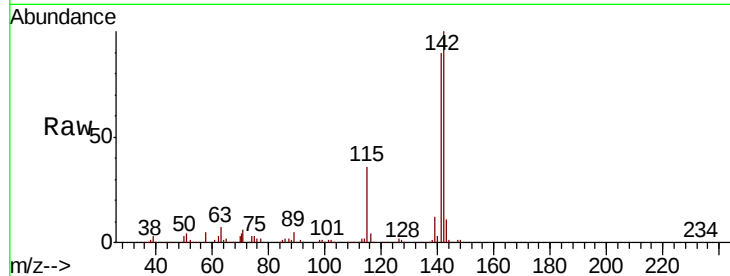




#37
2-Methylnaphthalene
Concen: 44.288 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

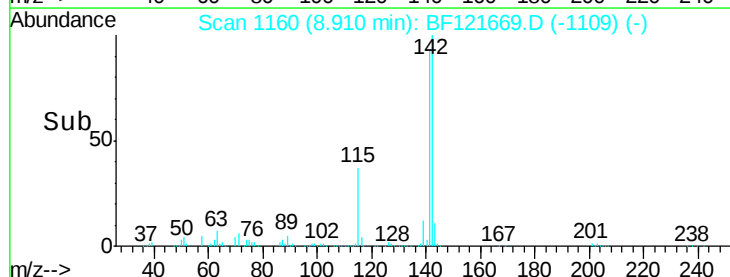
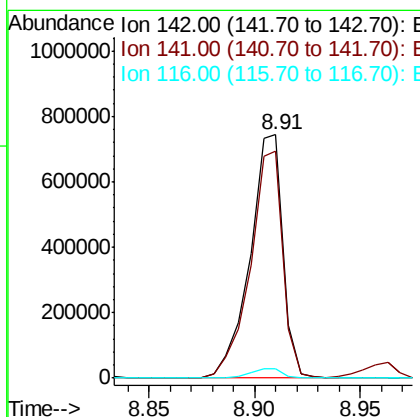
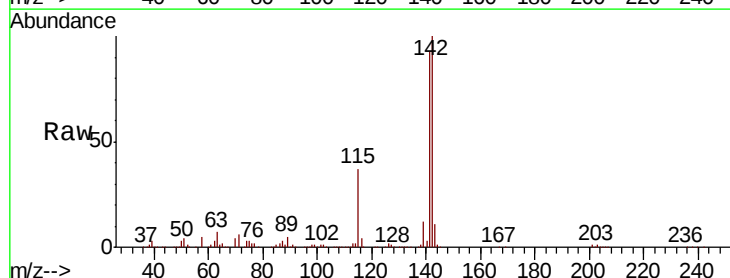
Instrument :
BNA_F
ClientSampleId :
PB131842BS

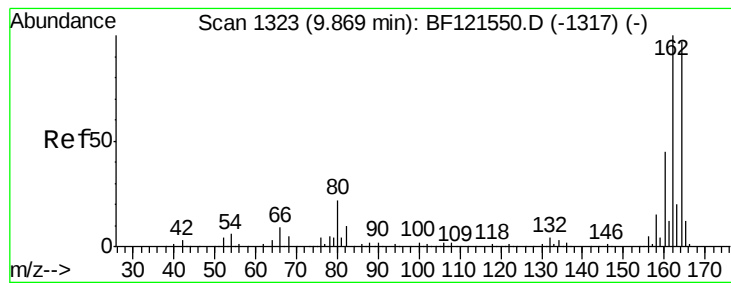
Tot Ion:142 Resp: 871374
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2
115 35.6 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.002 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:142 Resp: 805732
Ion Ratio Lower Upper
142 100
141 93.1 73.8 110.8
116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

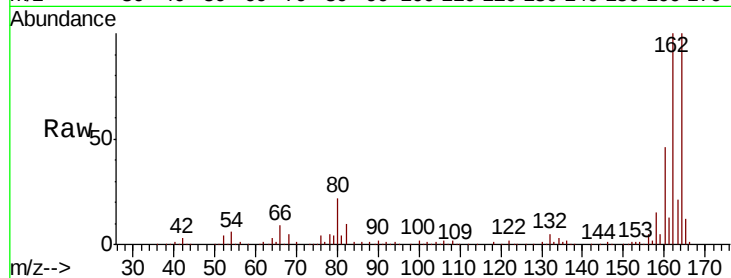
Tot Ion:164 Resp: 288775

Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

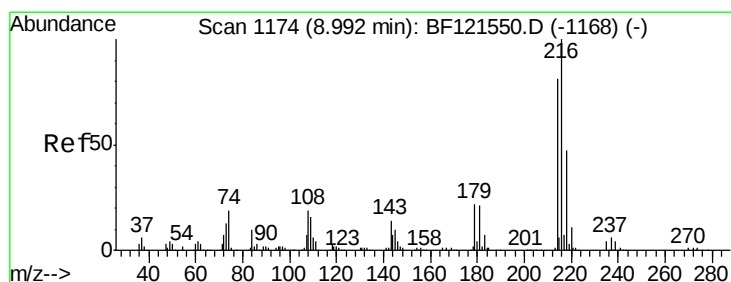
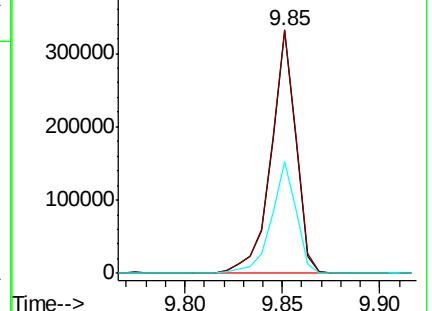
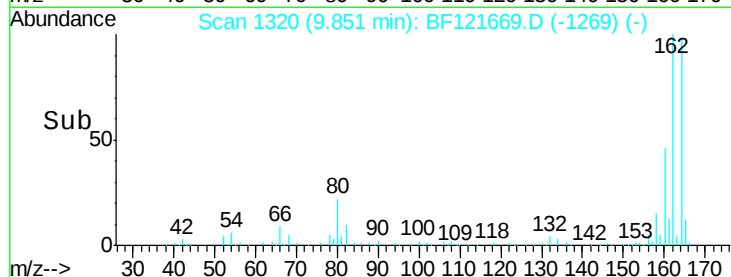
160 45.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.356 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:216 Resp: 409133

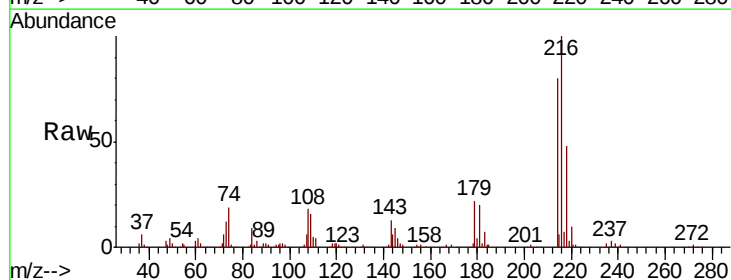
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 21.0 16.6 24.8

108 20.8 15.2 22.8

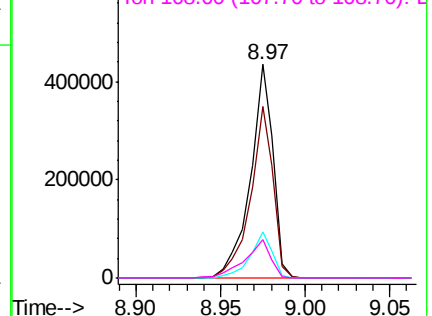
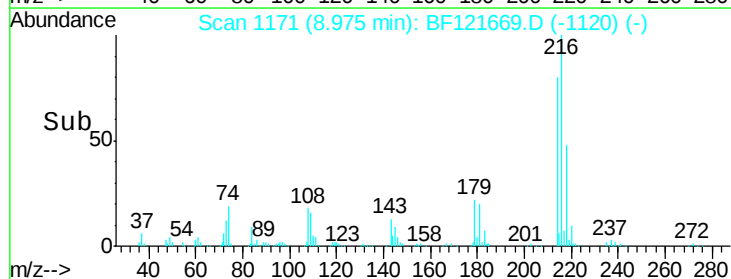


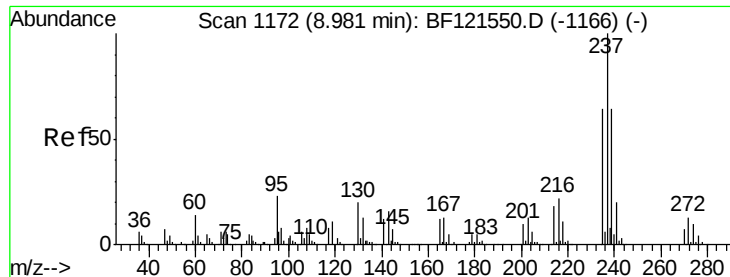
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

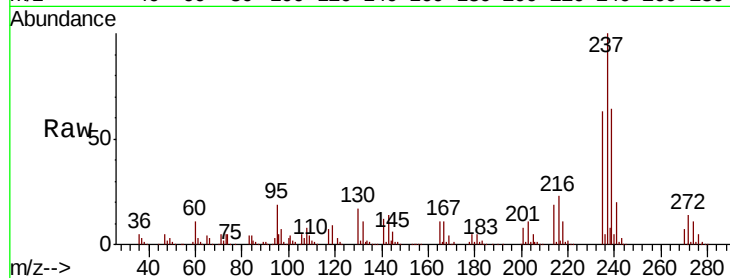




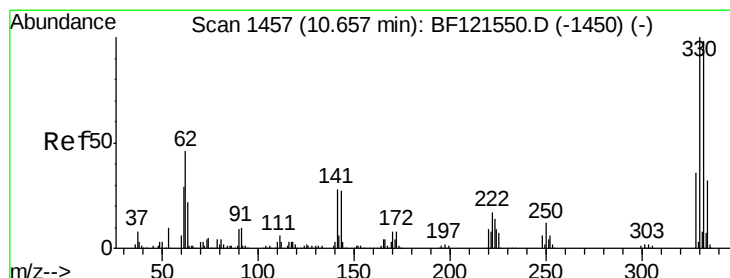
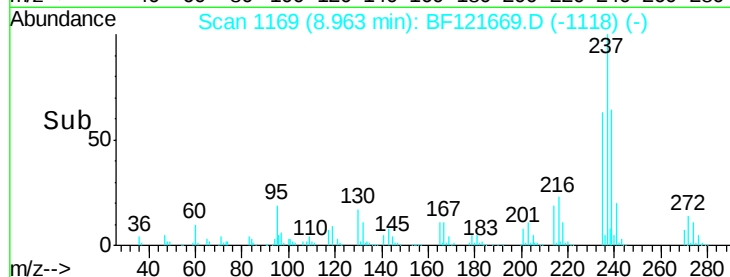
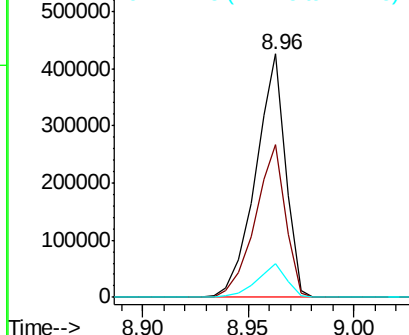
#41
Hexachlorocyclopentadiene
Concen: 81.116 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampled :
PB131842BS

Tot Ion: 237 Resp: 417852
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.8 0.0 34.1

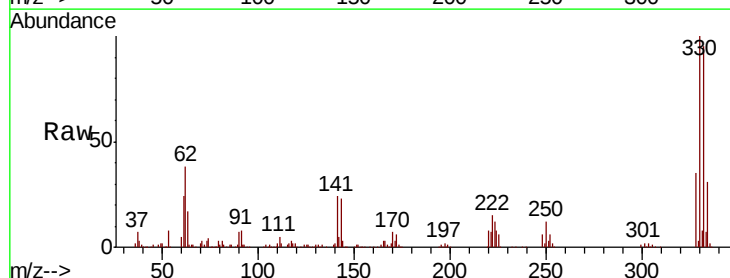


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

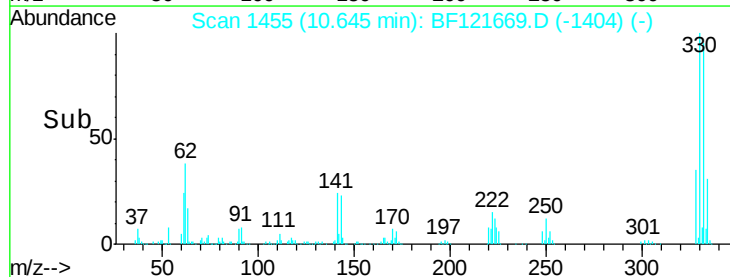
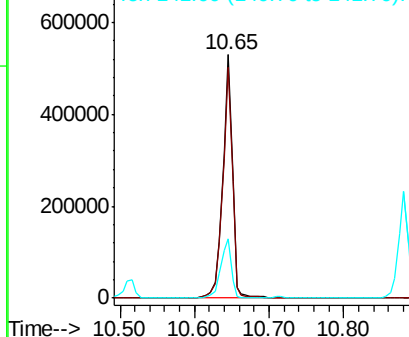


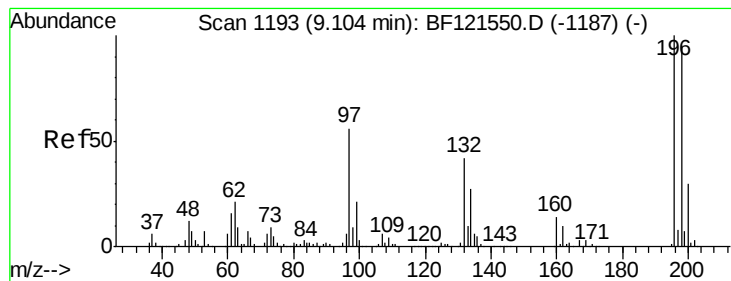
#42
2,4,6-Tribromophenol
Concen: 132.243 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion: 330 Resp: 474633
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 26.8 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 45.404 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

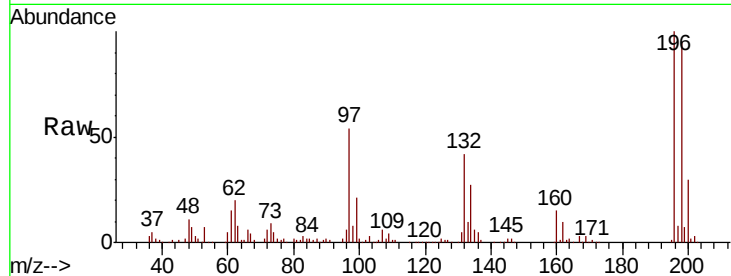
Tot Ion:196 Resp: 279162

Ion Ratio Lower Upper

196 100

198 95.3 75.4 113.2

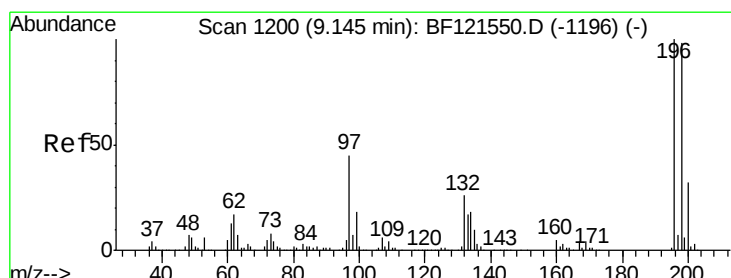
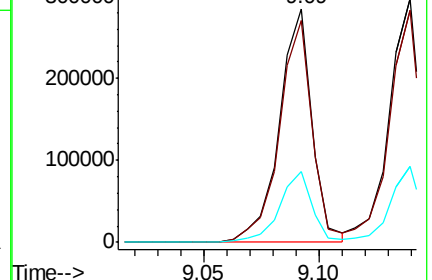
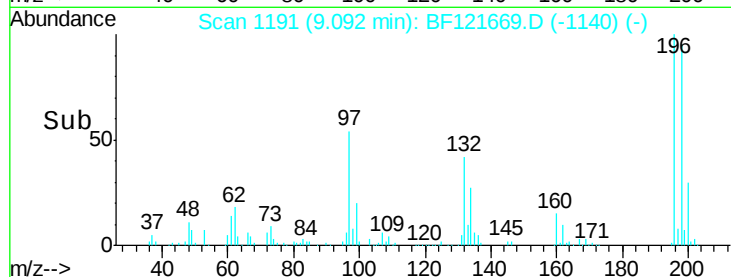
200 30.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.886 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:196 Resp: 298256

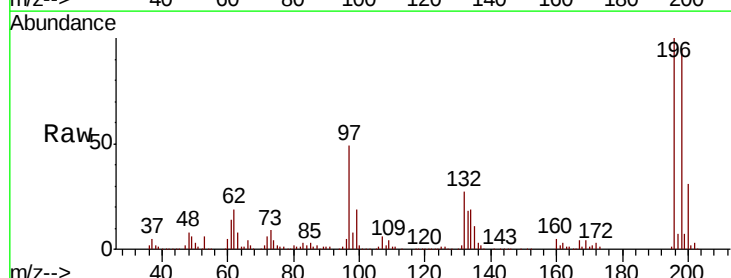
Ion Ratio Lower Upper

196 100

198 95.3 74.3 111.5

97 49.1 44.2 66.2

132 27.1 23.4 35.0

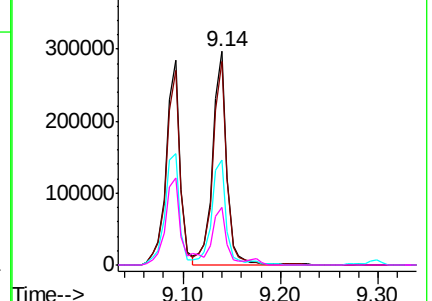
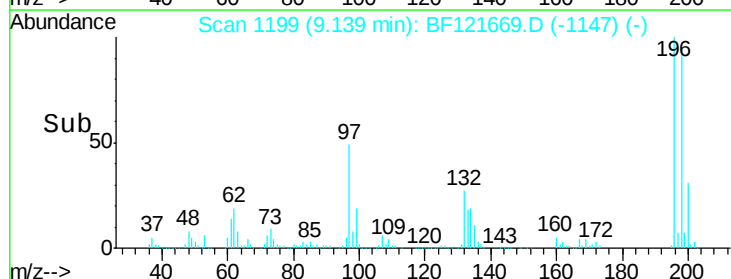


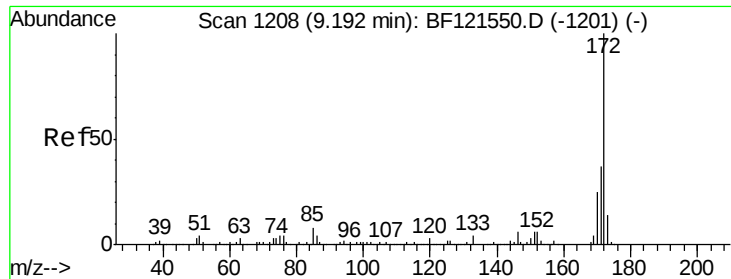
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

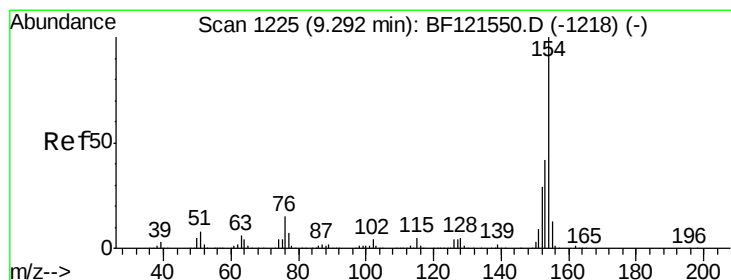
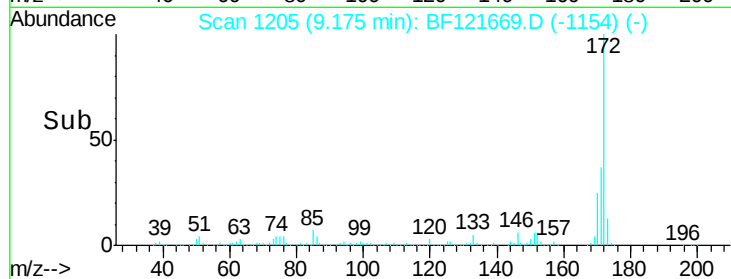
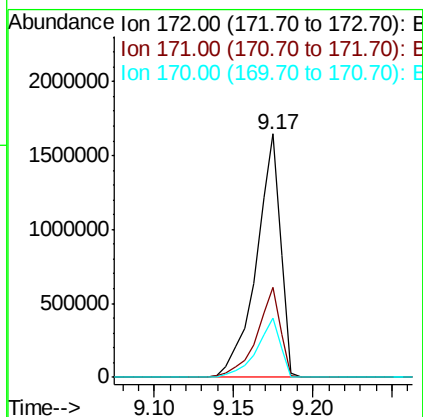
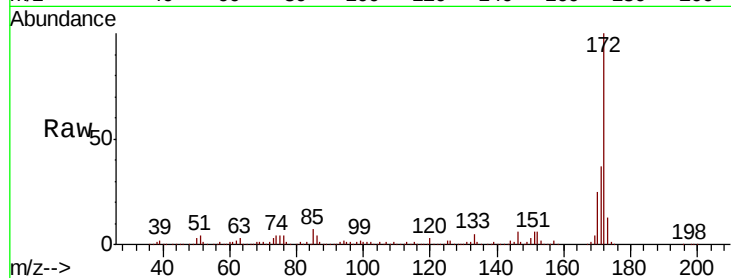




#45
2-Fluorobiphenyl
Concen: 91.999 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

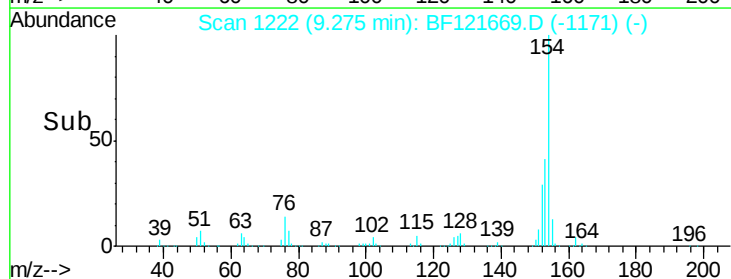
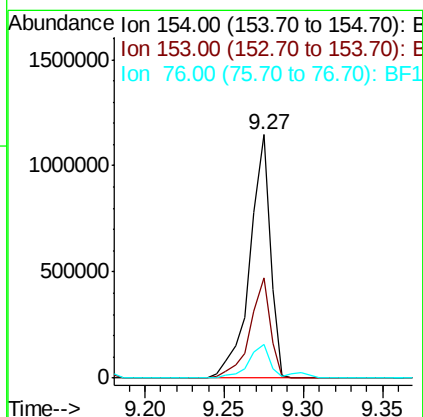
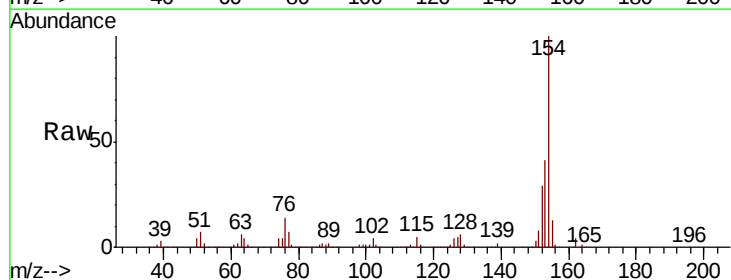
Instrument :
BNA_F
ClientSampleId :
PB131842BS

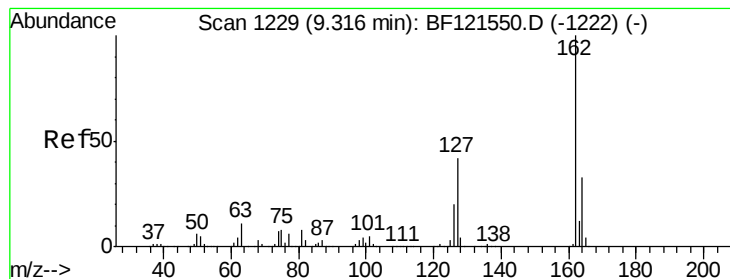
Tot Ion:172 Resp: 1754136
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 44.478 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:154 Resp: 1028256
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 13.7 0.0 34.1





#47

2-Chloronaphthalene

Concen: 44.723 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

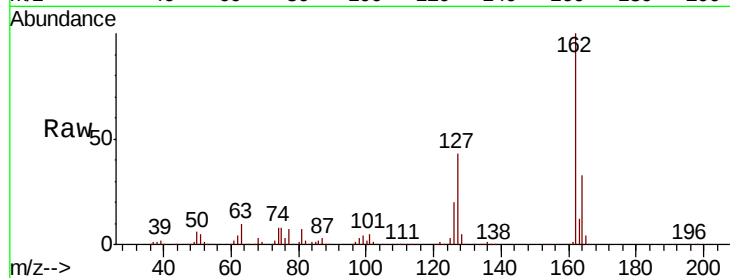
Tot Ion:162 Resp: 814755

Ion Ratio Lower Upper

162 100

127 42.8 34.2 51.4

164 33.1 27.0 40.4

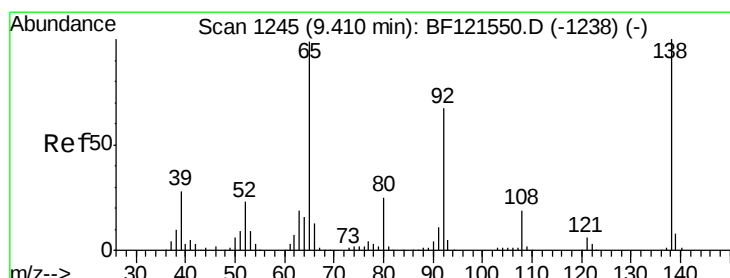
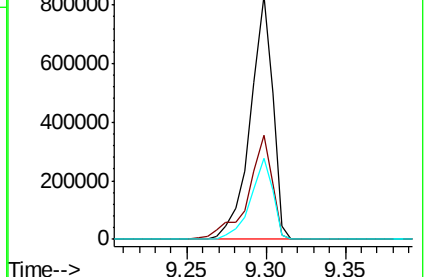
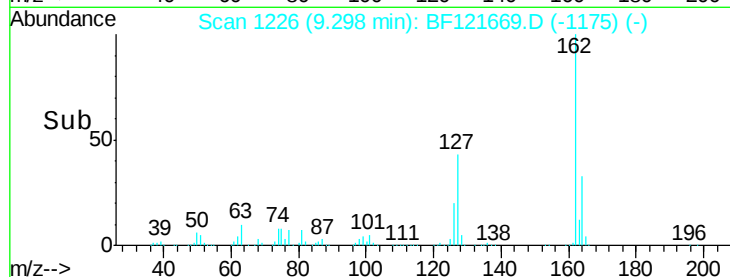


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#48

2-Nitroaniline

Concen: 49.622 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

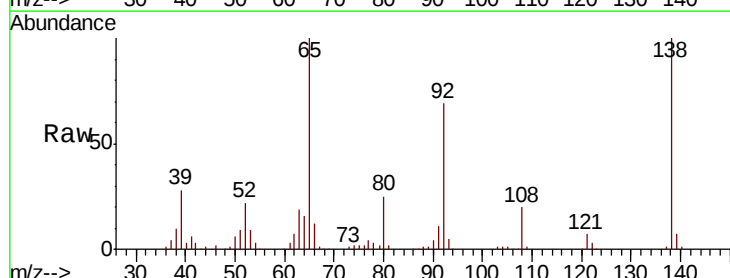
Tgt Ion: 65 Resp: 280920

Ion Ratio Lower Upper

65 100

92 68.9 56.0 84.0

138 99.7 84.7 127.1

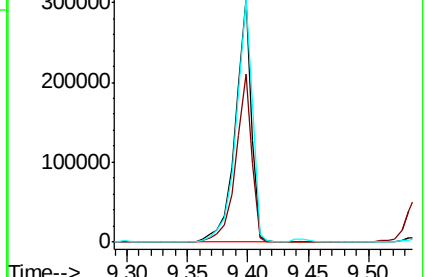
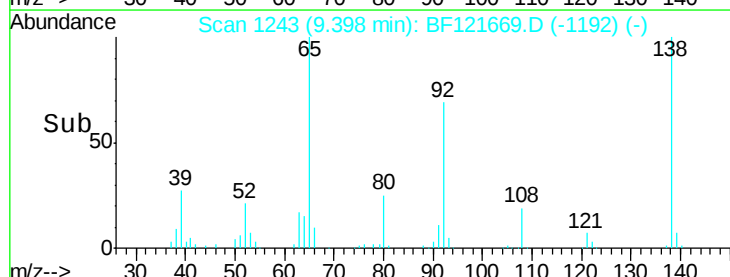


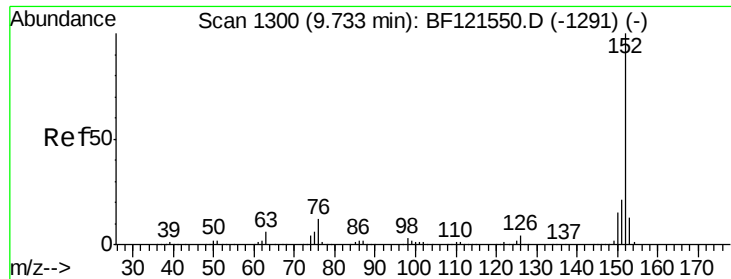
Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

Time-->





#49

Acenaphthylene

Concen: 44.893 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

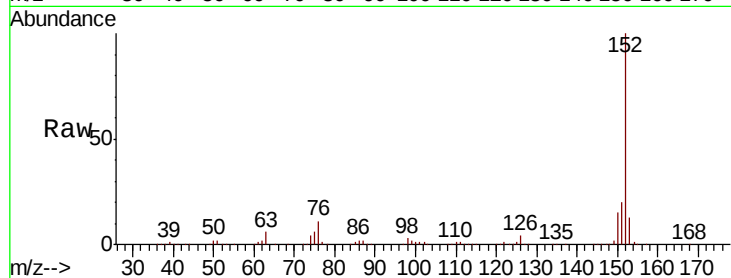
Tot Ion:152 Resp: 1256597

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

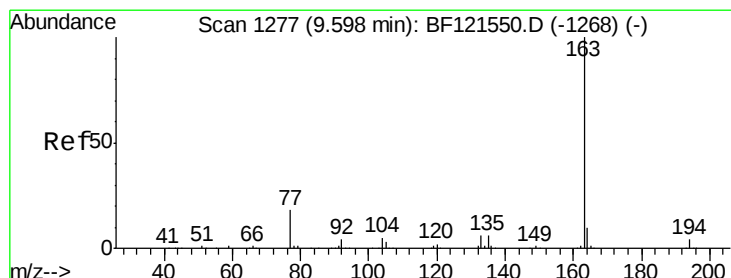
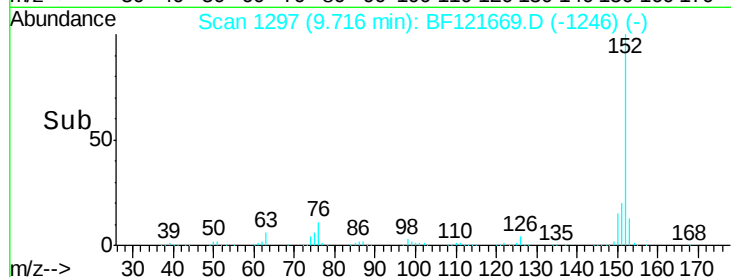
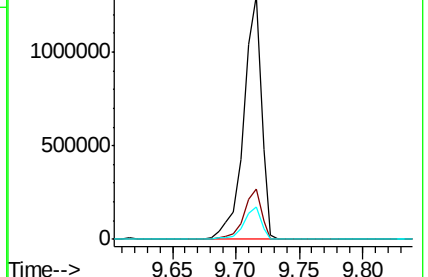
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.635 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

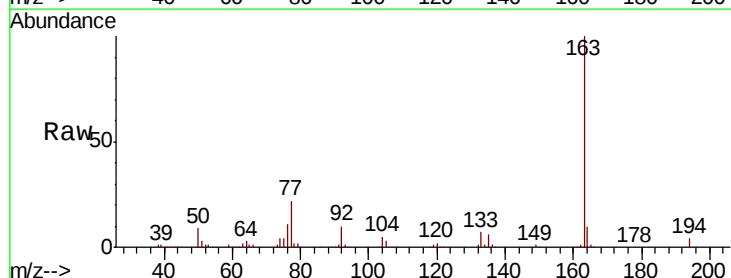
Tgt Ion:163 Resp: 955134

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

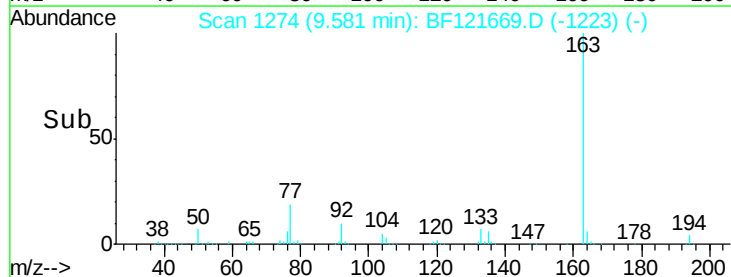
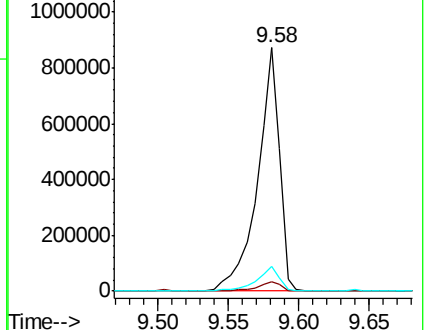
164 10.2 8.0 12.0

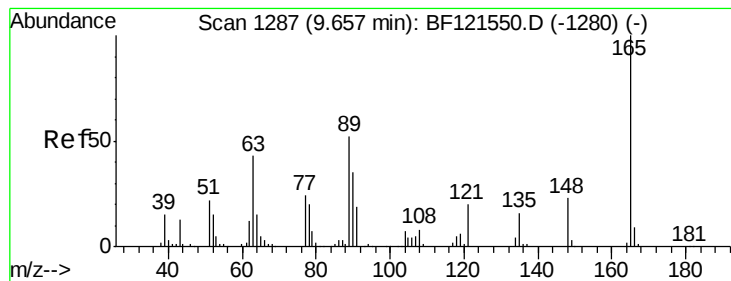


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.238 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

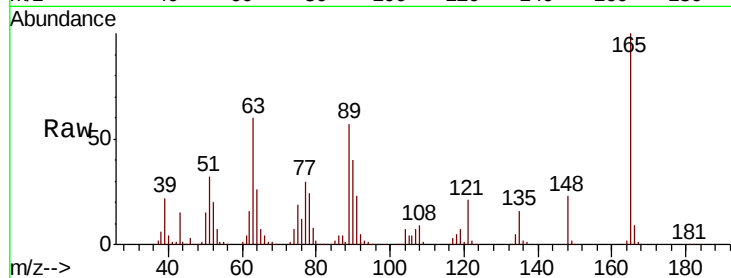
Tot Ion:165 Resp: 219474

Ion Ratio Lower Upper

165 100

63 60.1 47.6 71.4

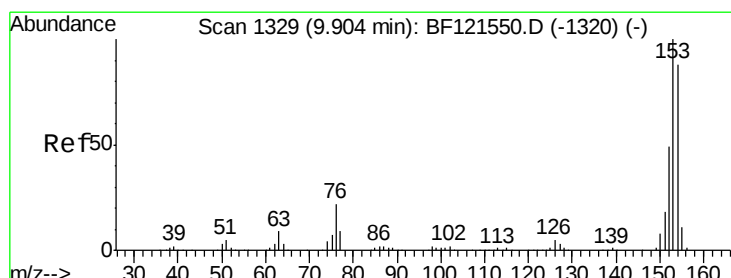
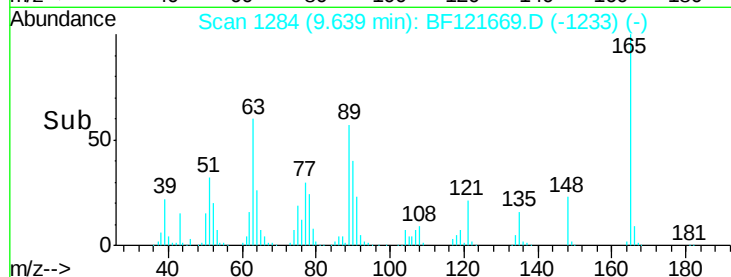
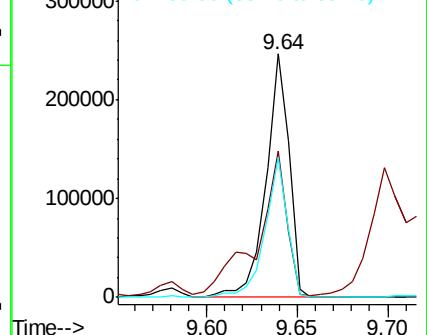
89 57.2 46.0 69.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.906 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

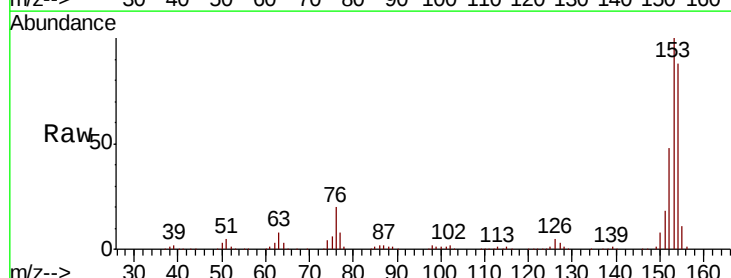
Tgt Ion:154 Resp: 740880

Ion Ratio Lower Upper

154 100

153 114.1 89.9 134.9

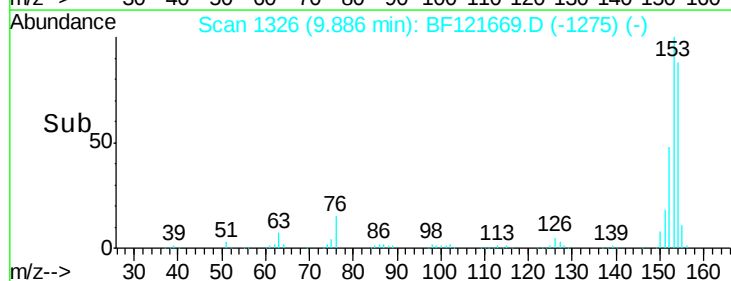
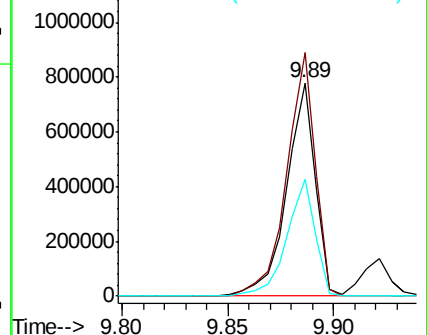
152 54.7 43.8 65.6

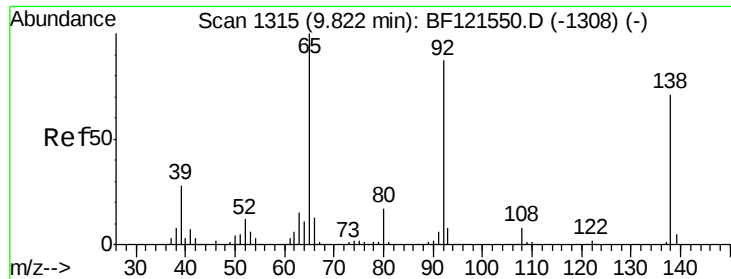


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

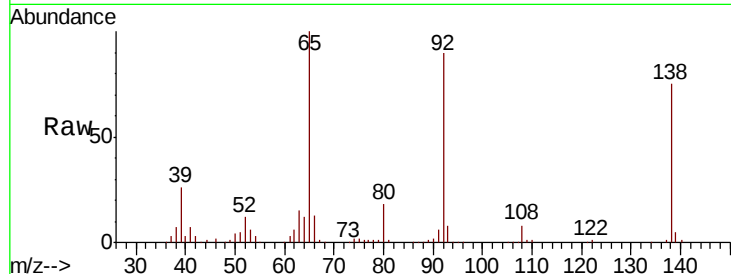




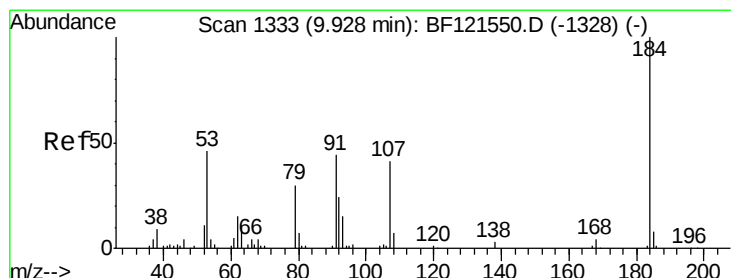
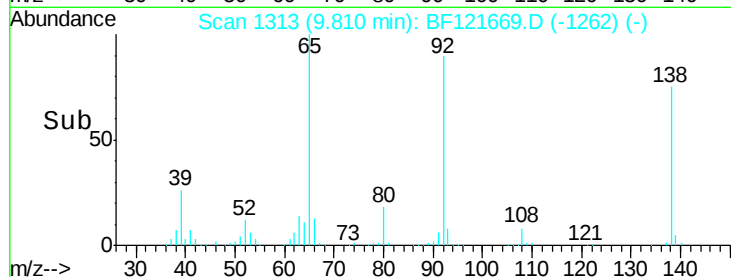
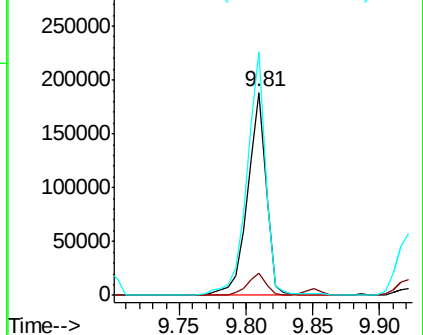
#53
3-Nitroaniline
Concen: 34.834 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:138 Resp: 179868
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 119.9 96.5 144.7

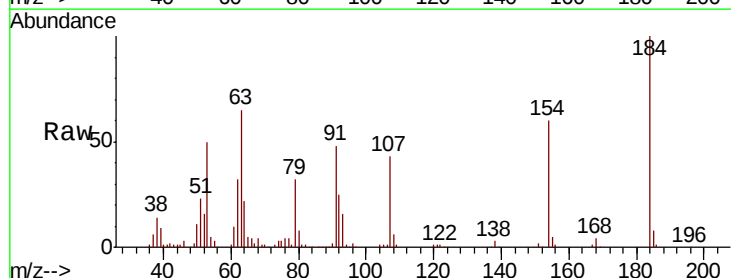


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

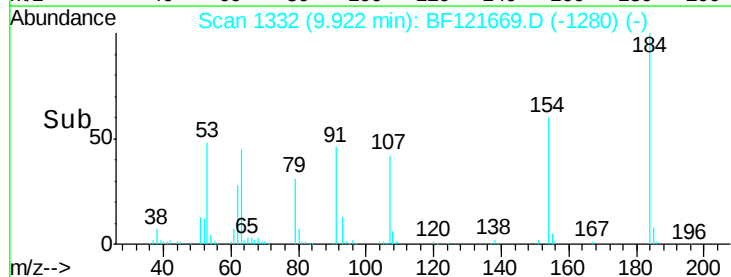
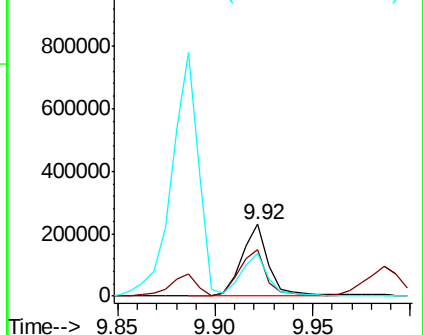


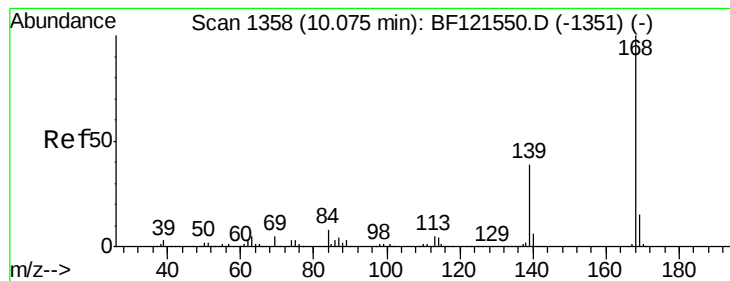
#54
2,4-Dinitrophenol
Concen: 84.982 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:184 Resp: 220113
Ion Ratio Lower Upper
184 100
63 65.0 51.5 77.3
154 60.4 46.6 70.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.071 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

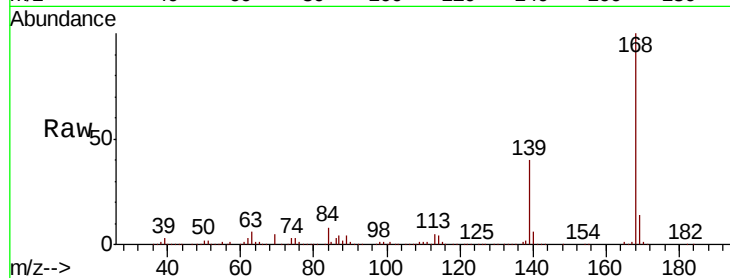
Tot Ion:168 Resp: 1097260

Ion Ratio Lower Upper

168 100

139 39.8 31.8 47.8

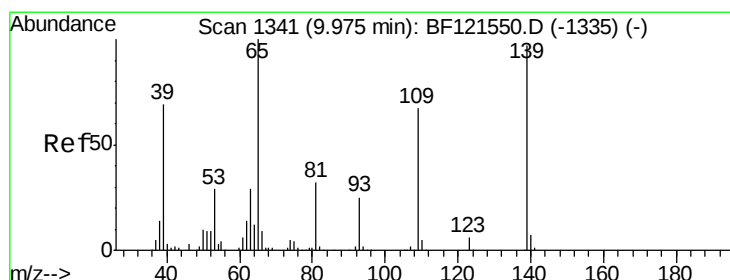
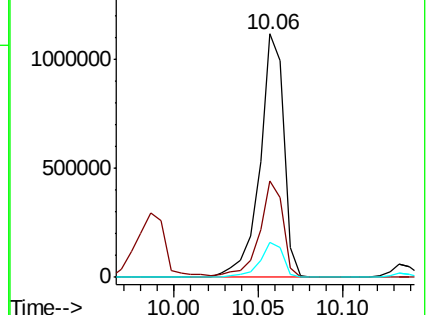
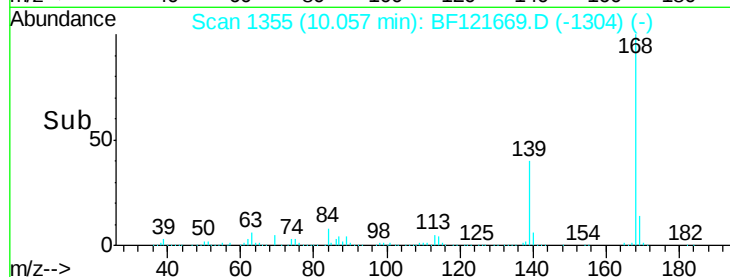
169 14.4 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.967 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

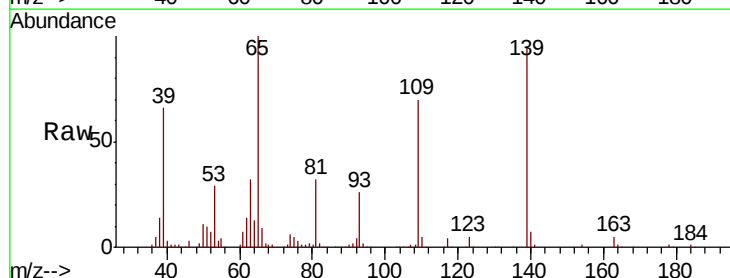
Tgt Ion:139 Resp: 354011

Ion Ratio Lower Upper

139 100

109 72.8 48.1 88.1

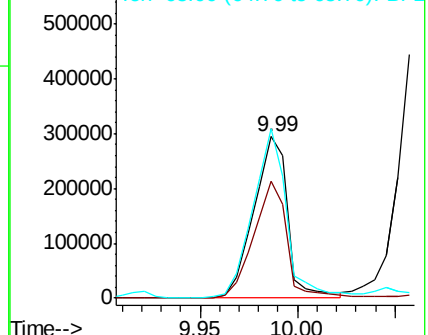
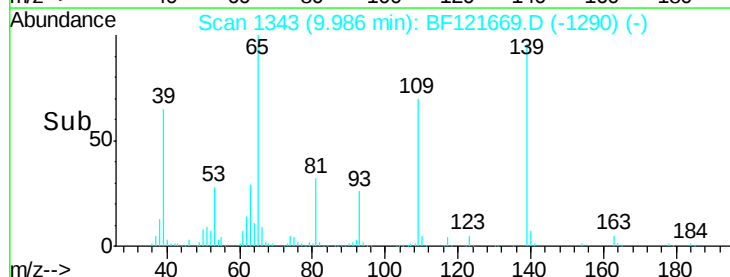
65 104.7 74.7 114.7

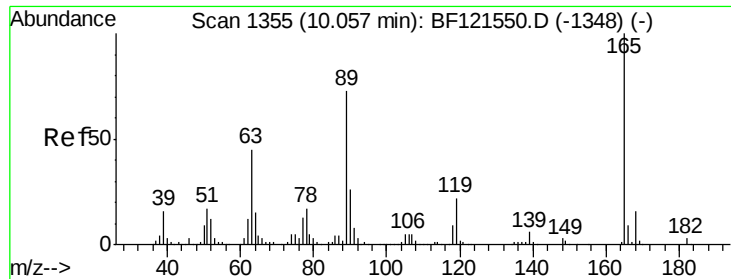


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

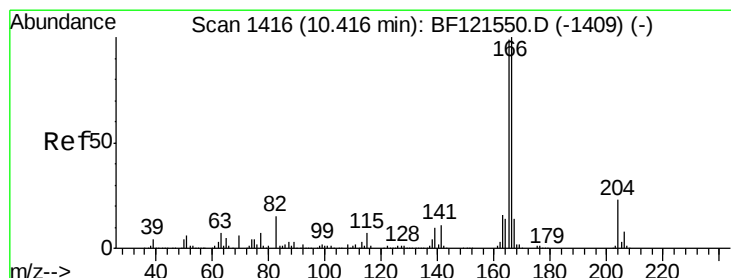
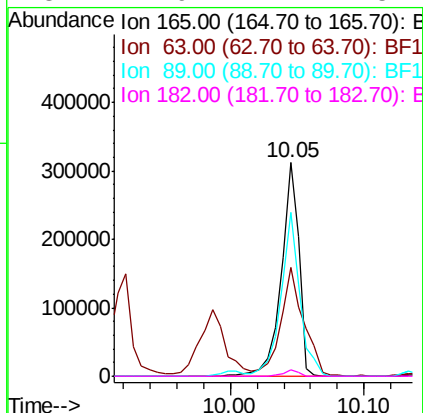
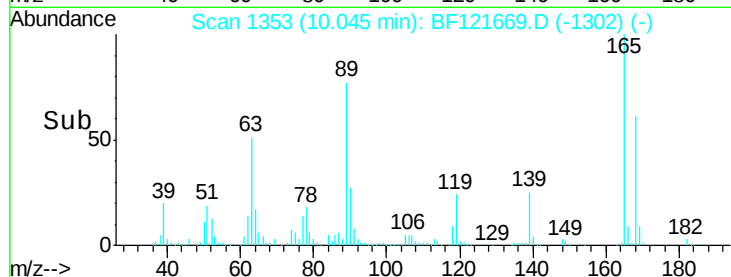
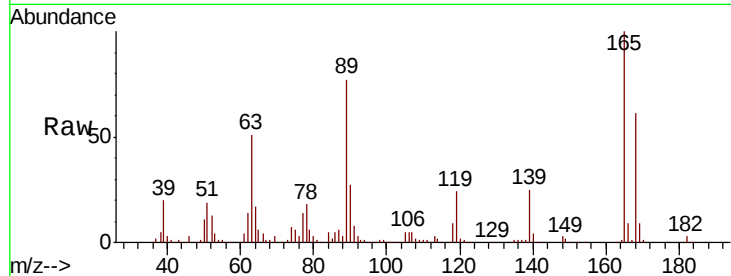




#57
2,4-Dinitrotoluene
Concen: 51.961 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

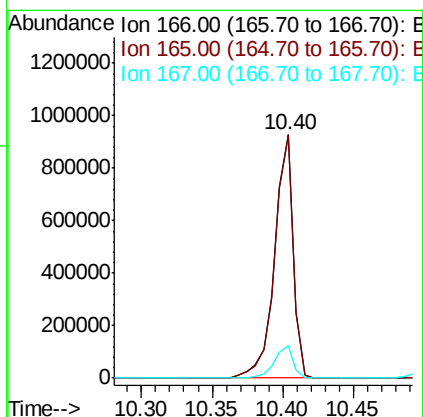
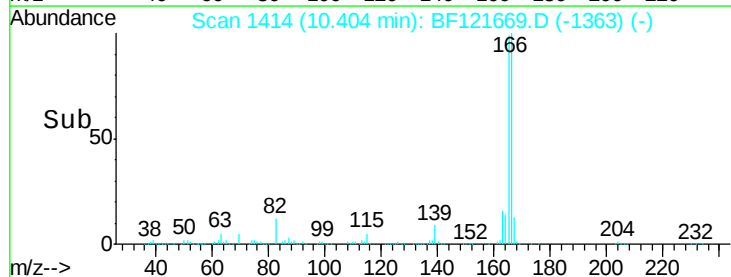
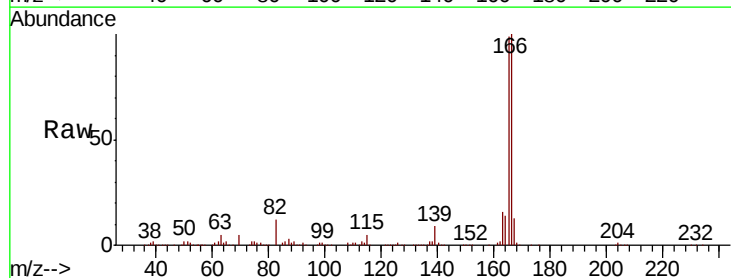
Instrument :
BNA_F
ClientSampleId :
PB131842BS

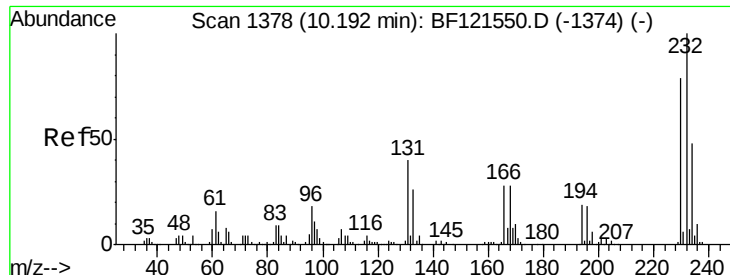
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	36.7	55.1
89	76.7	57.7	86.5
182	2.9	2.1	3.1



#58
Fluorene
Concen: 45.033 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.4	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.568 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion:232 Resp: 246073

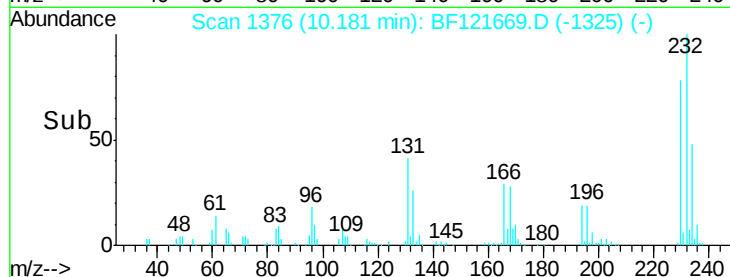
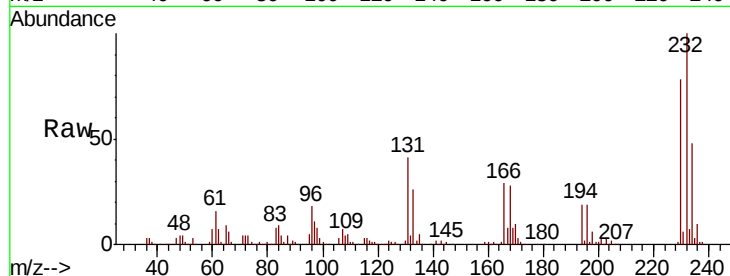
Ion Ratio Lower Upper

232 100

131 42.7 35.1 52.7

130 2.1 1.6 2.4

166 29.2 23.3 34.9

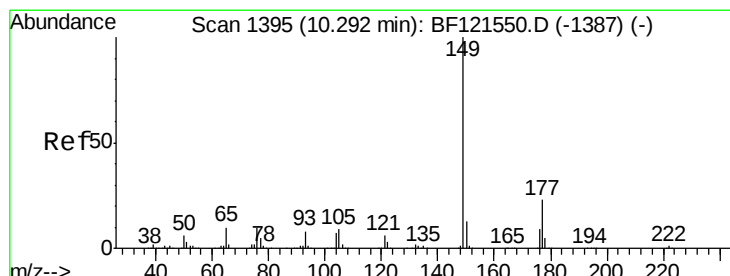
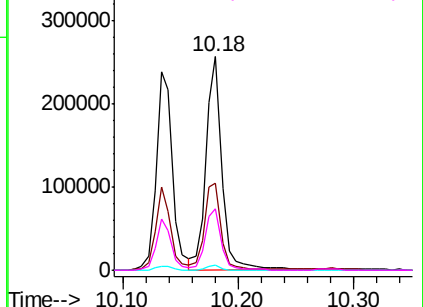


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.074 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

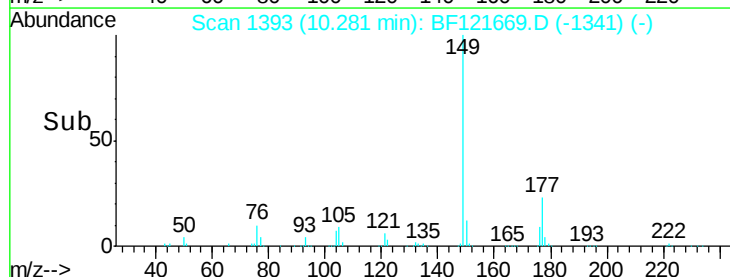
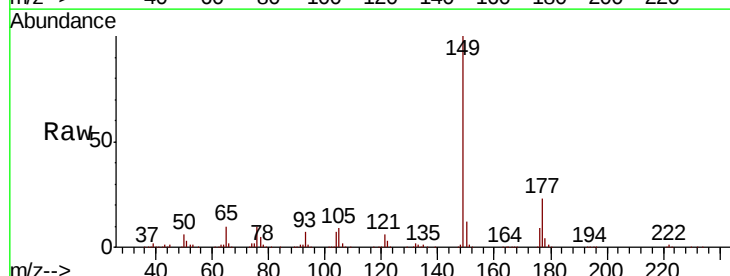
Tgt Ion:149 Resp: 919798

Ion Ratio Lower Upper

149 100

177 22.6 18.1 27.1

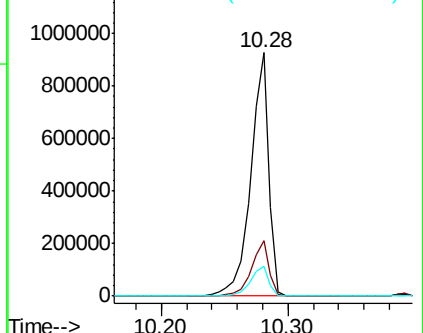
150 12.5 9.8 14.8

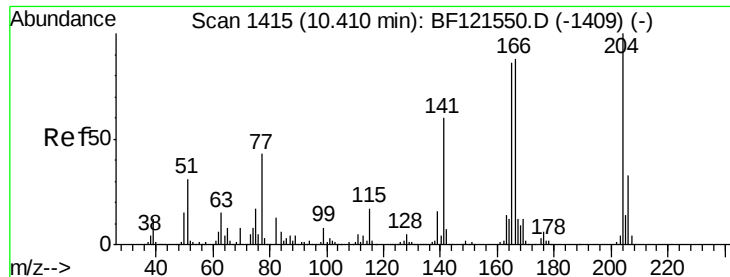


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

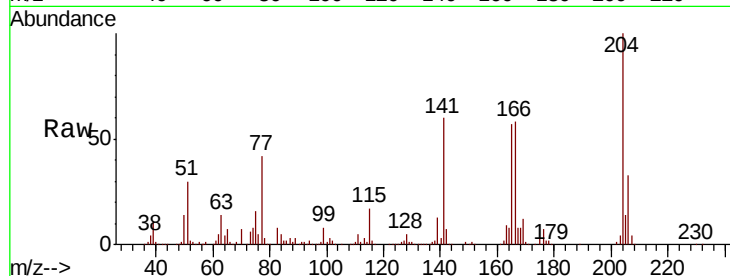




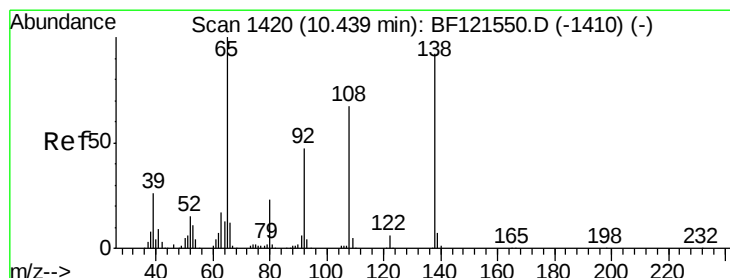
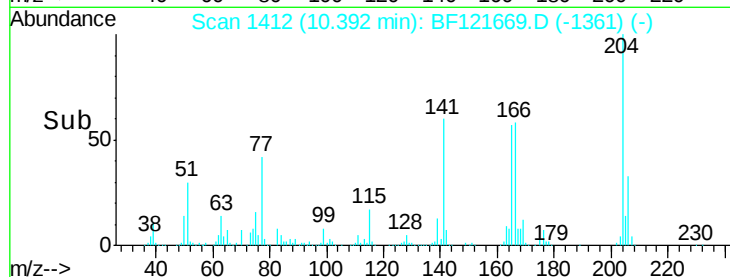
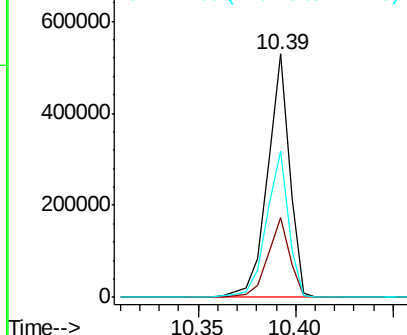
#61
4-Chlorophenyl-phenylether
Concen: 45.403 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:204 Resp: 414104
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 59.9 50.4 75.6

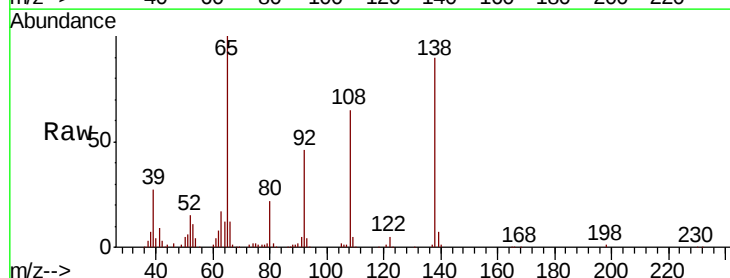


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

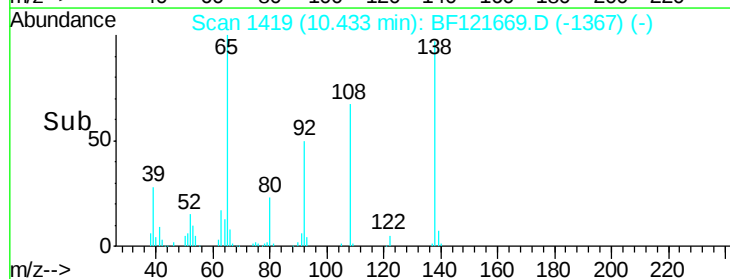
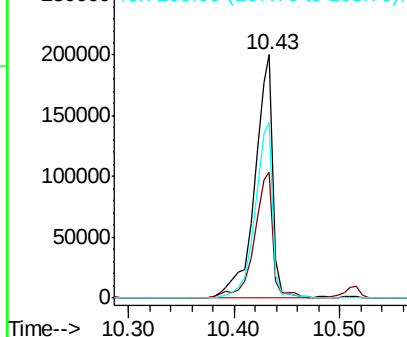


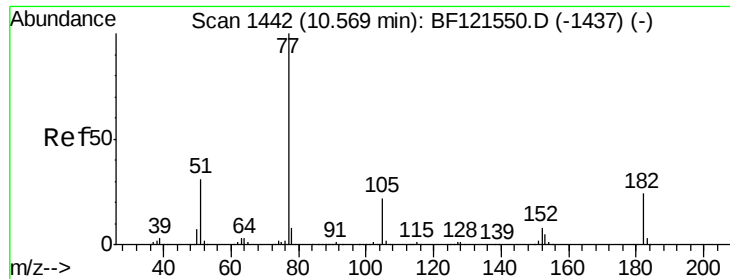
#62
4-Nitroaniline
Concen: 47.217 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:138 Resp: 242081
Ion Ratio Lower Upper
138 100
92 51.4 34.8 74.8
108 72.2 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.218 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

Tot Ion: 77 Resp: 939169

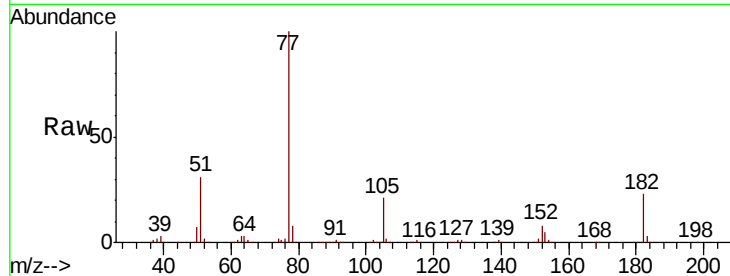
Ion Ratio Lower Upper

77 100

182 23.3 6.8 46.8

105 21.4 2.2 42.2

51 31.5 10.7 50.7

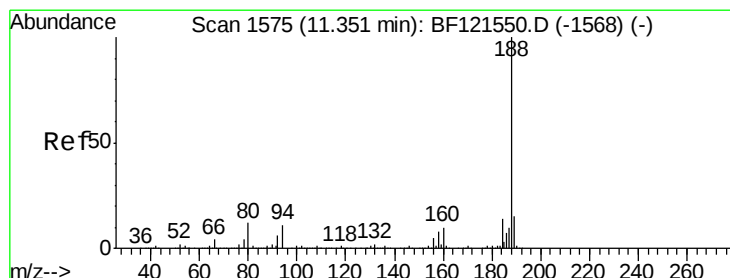
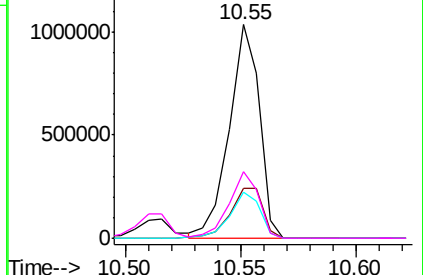
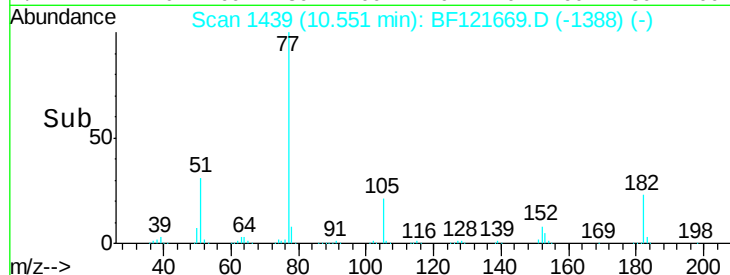


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

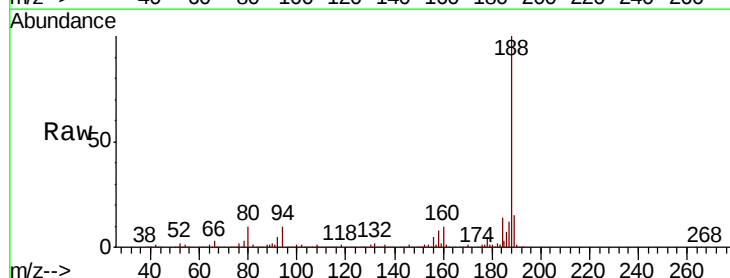
Tgt Ion: 188 Resp: 524989

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

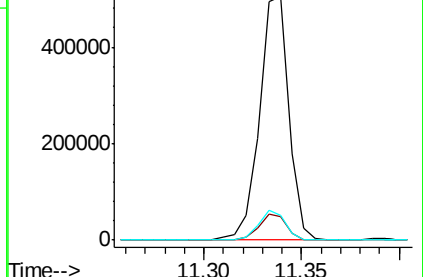
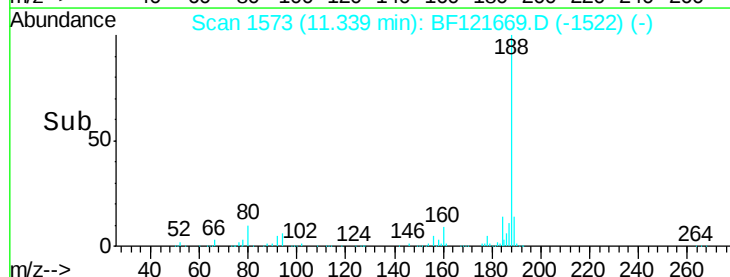
80 10.4 9.0 13.4

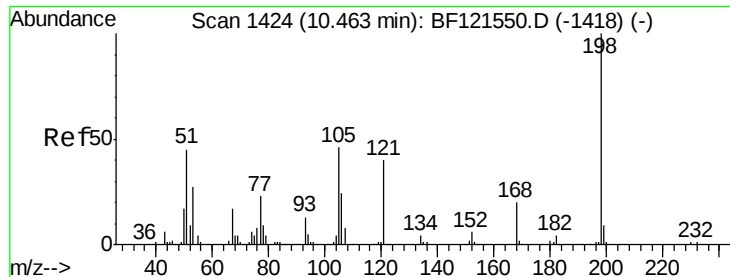


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

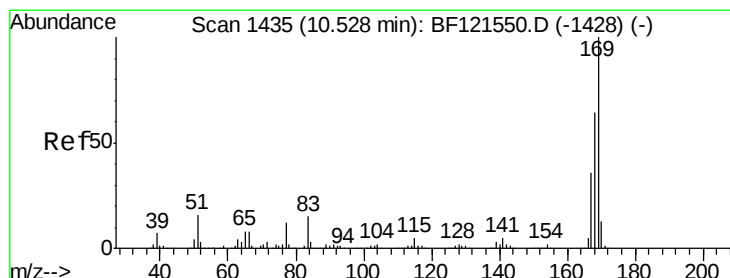
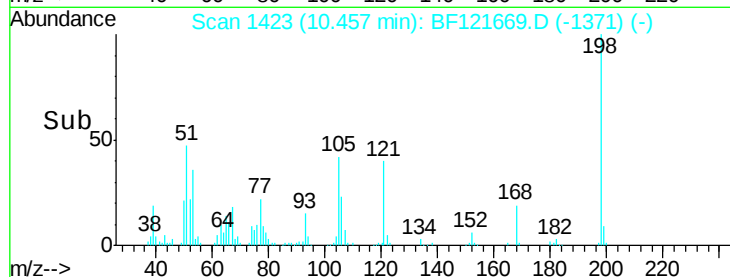
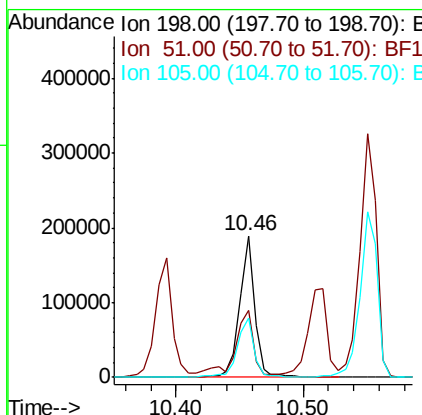
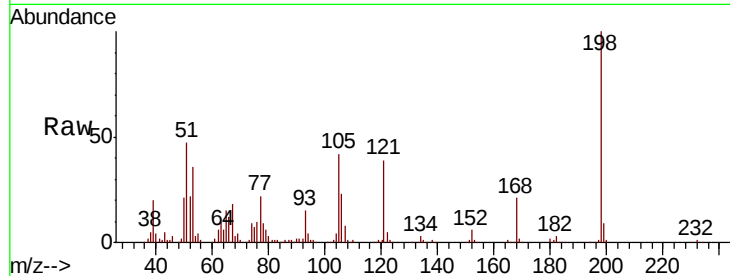




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.125 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

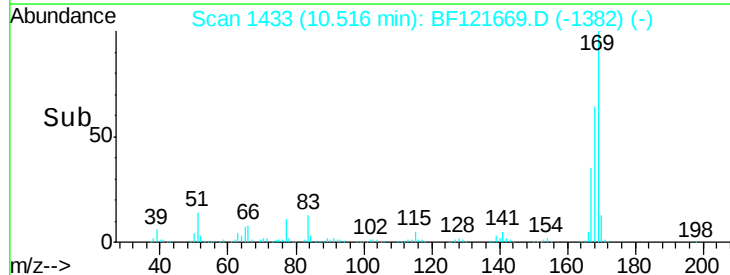
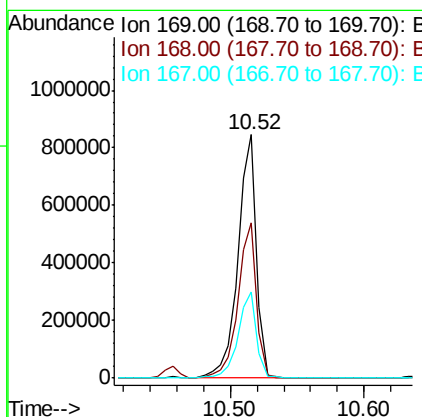
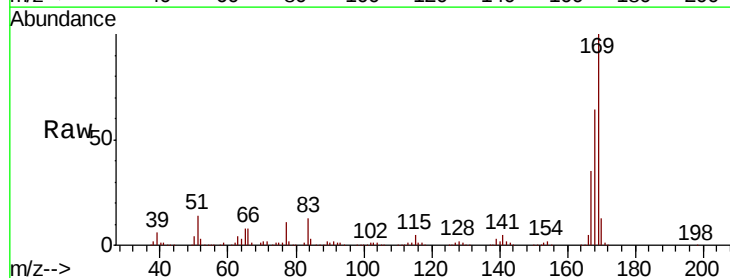
Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

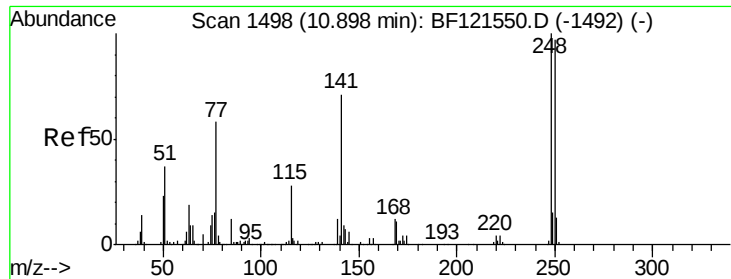
Tot Ion:198 Resp: 155104
 Ion Ratio Lower Upper
 198 100
 51 47.2 20.3 60.3
 105 42.0 20.2 60.2



#66
 n-Nitrosodiphenylamine
 Concen: 45.401 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion:169 Resp: 817726
 Ion Ratio Lower Upper
 169 100
 168 63.7 51.8 77.8
 167 35.3 28.4 42.6

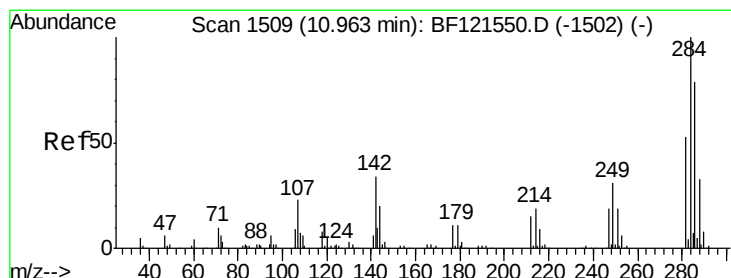
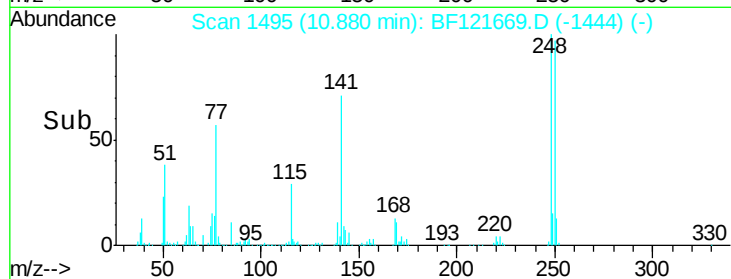
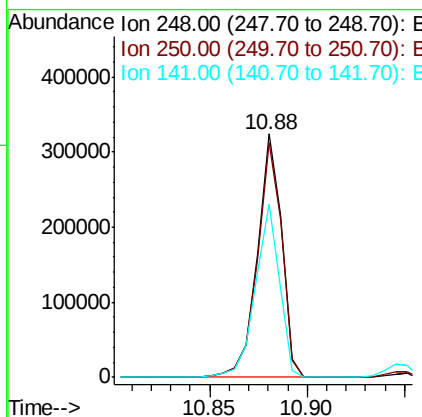
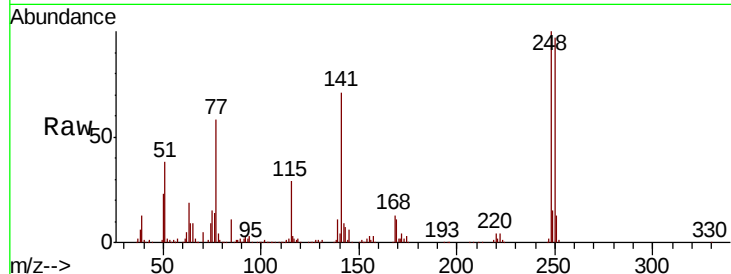




#67
4-Bromophenyl-phenylether
Concen: 46.863 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

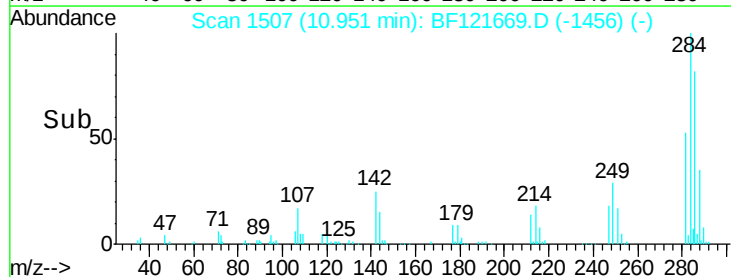
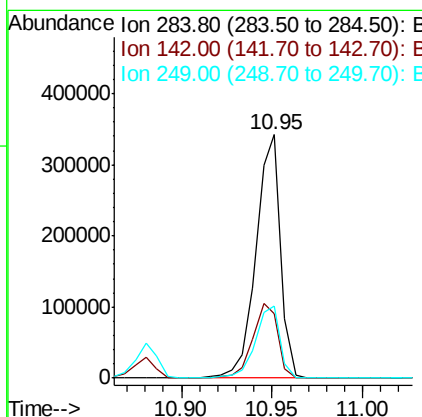
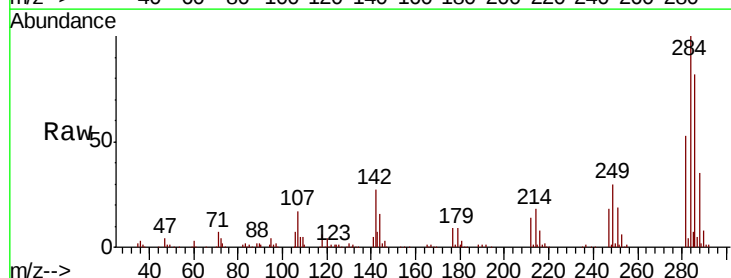
Instrument :
BNA_F
ClientSampleId :
PB131842BS

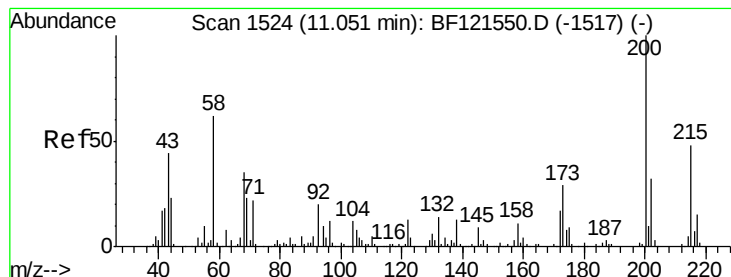
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.0
141	71.3	52.2	78.4



#68
Hexachlorobenzene
Concen: 47.489 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	24.0	36.0
249	29.7	23.9	35.9





#69

Atrazine

Concen: 45.252 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

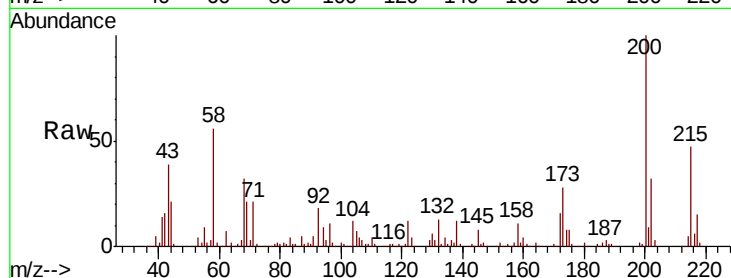
Tot Ion:200 Resp: 202490

Ion Ratio Lower Upper

200 100

173 27.6 6.0 46.0

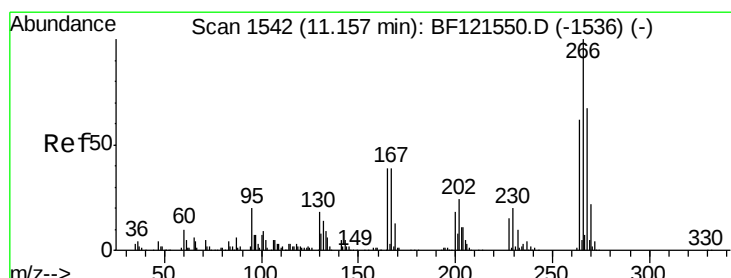
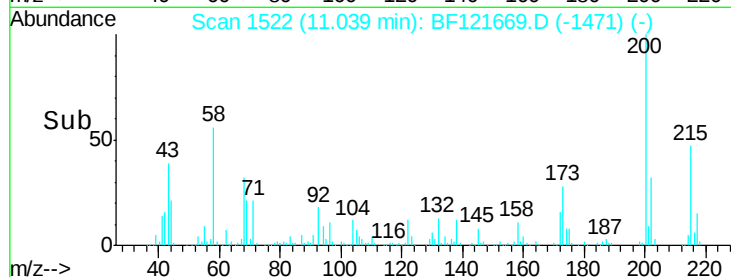
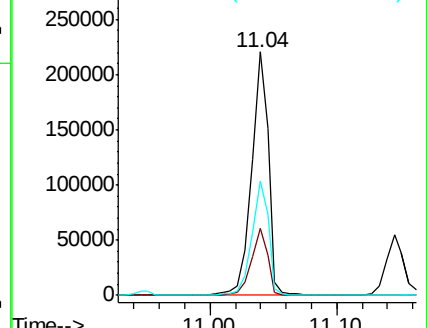
215 47.1 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.697 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

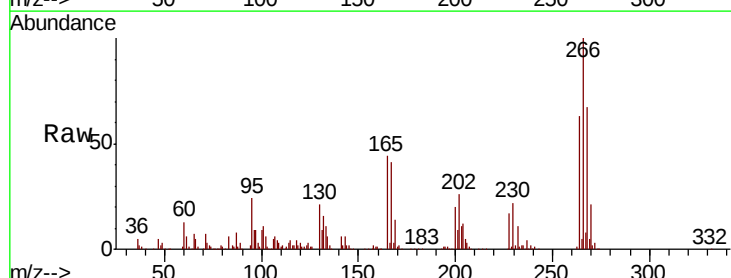
Tgt Ion:266 Resp: 313762

Ion Ratio Lower Upper

266 100

268 67.0 54.6 81.8

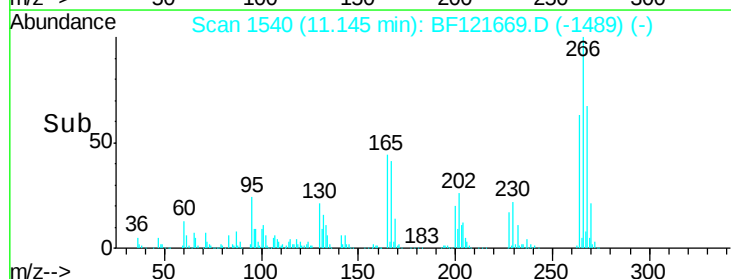
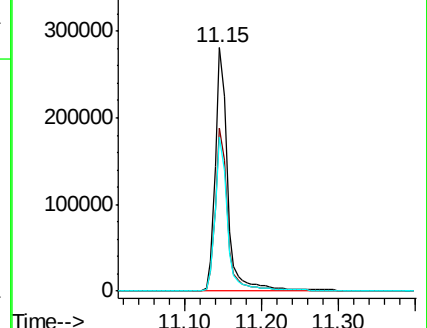
264 63.2 51.1 76.7

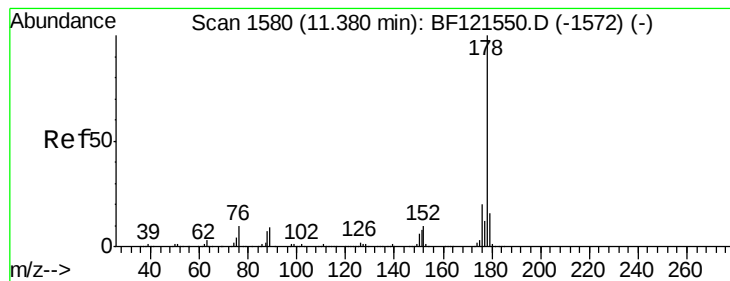


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.552 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

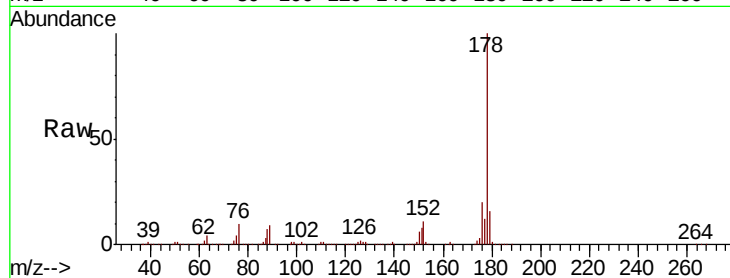
Tot Ion:178 Resp: 1302939

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

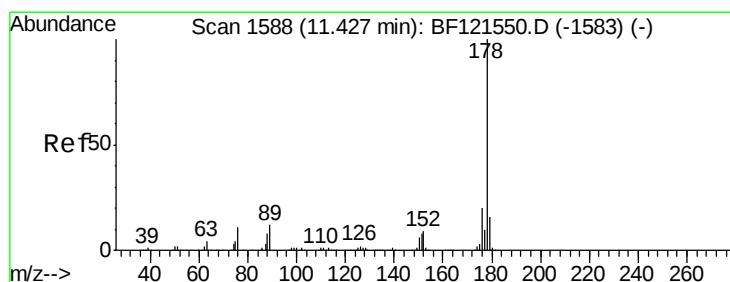
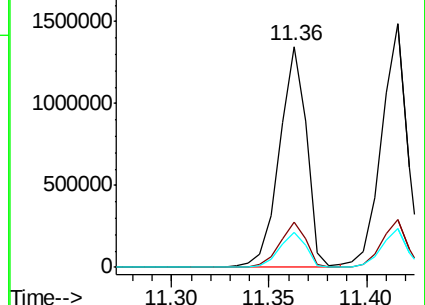
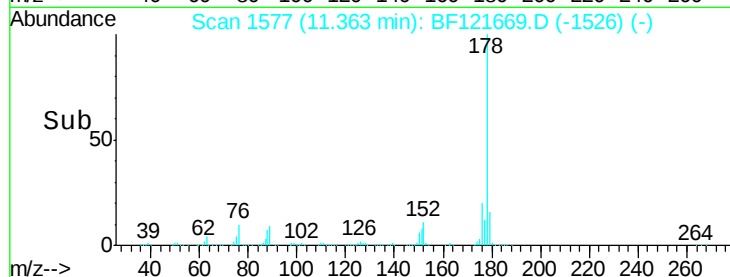
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.284 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

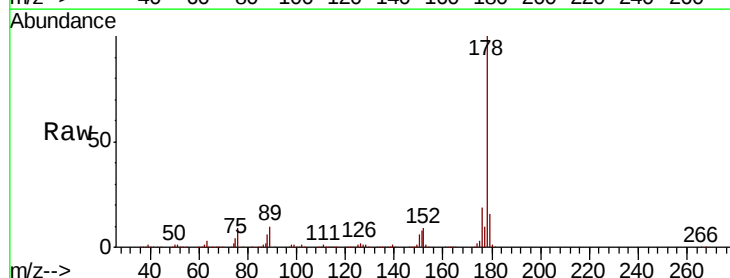
Tgt Ion:178 Resp: 1336667

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

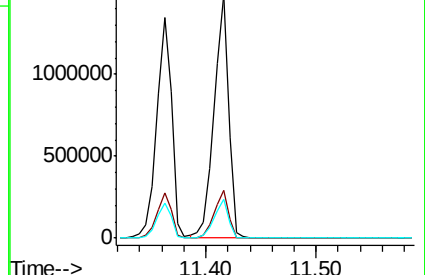
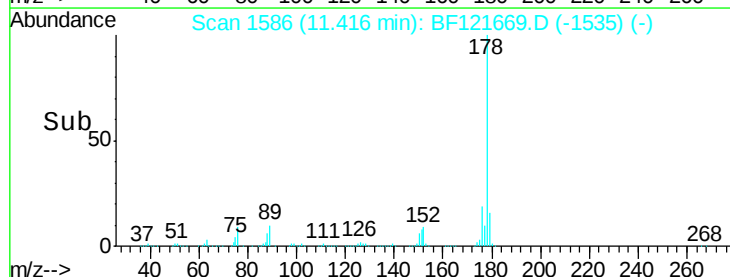
179 15.8 12.6 19.0

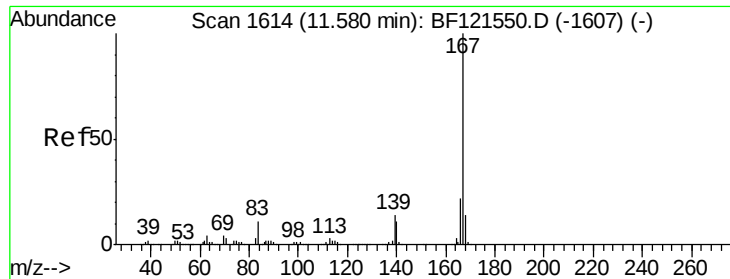


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



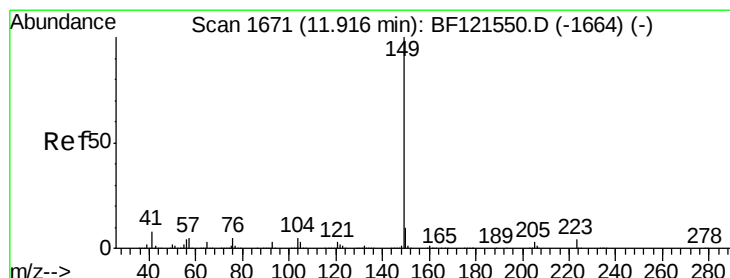
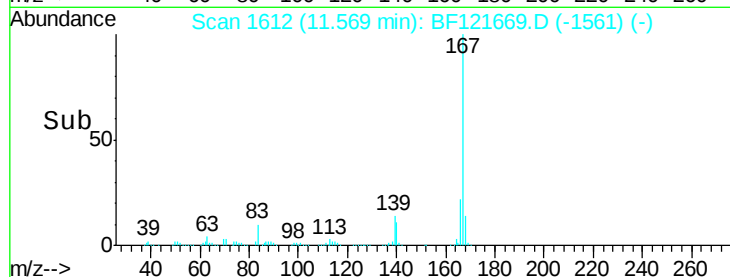
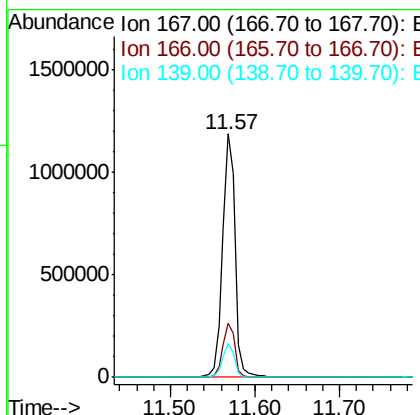
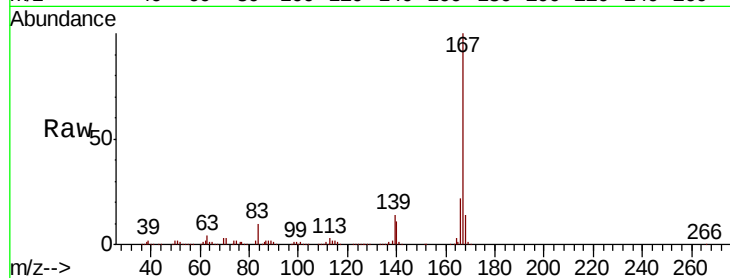


#73
 Carbazole
 Concen: 46.273 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion:167 Resp: 1232574

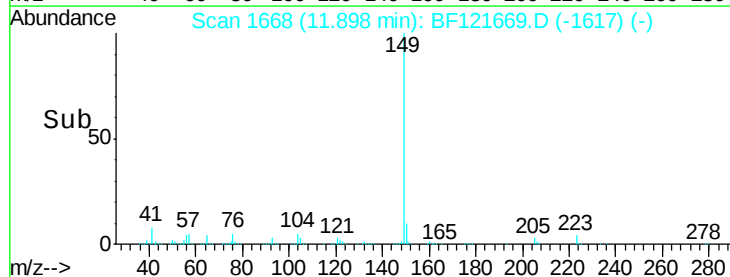
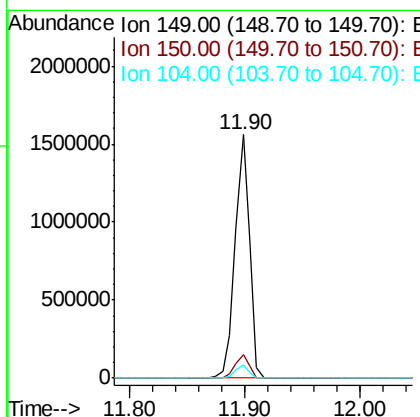
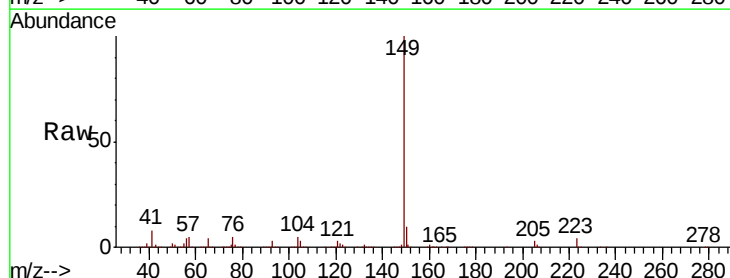
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.8	10.9	16.3

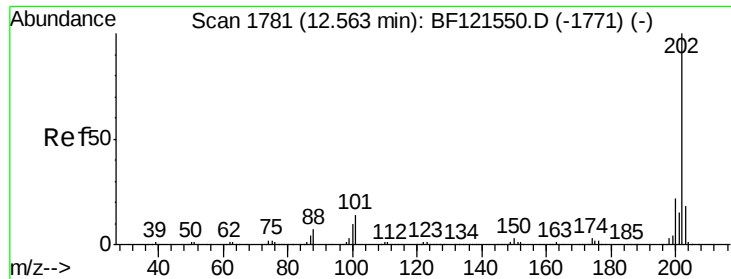


#74
 Di-n-butylphthalate
 Concen: 43.857 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion:149 Resp: 1348298

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.2	4.2	6.2

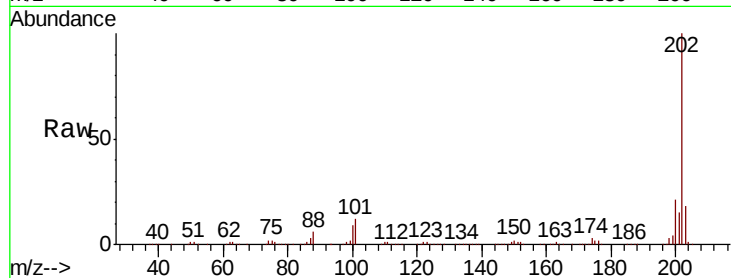




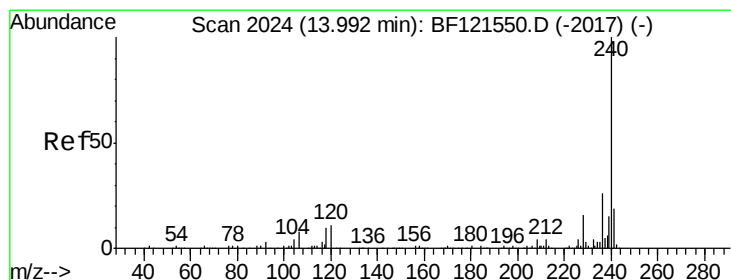
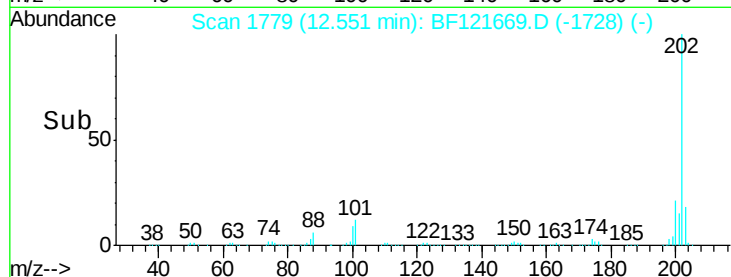
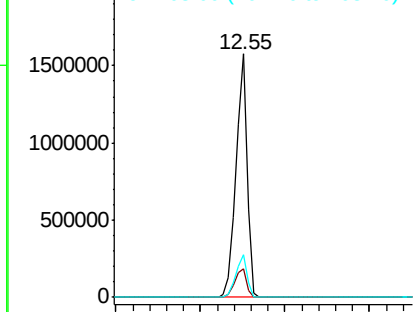
#75
 Fluoranthene
 Concen: 46.085 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

Tot Ion:202 Resp: 1407157
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.9
 203 17.8 0.0 37.8

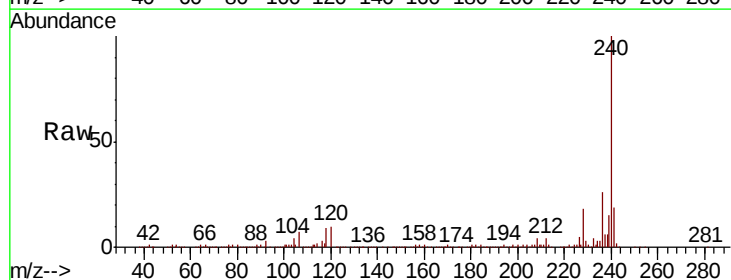


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

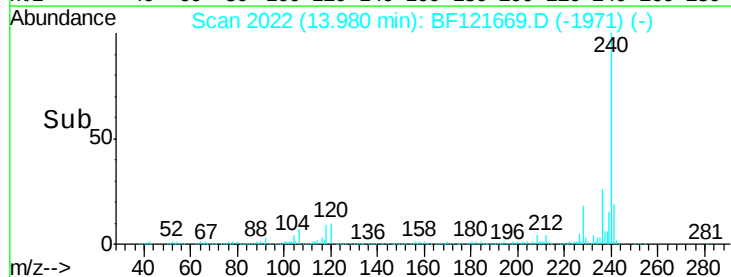
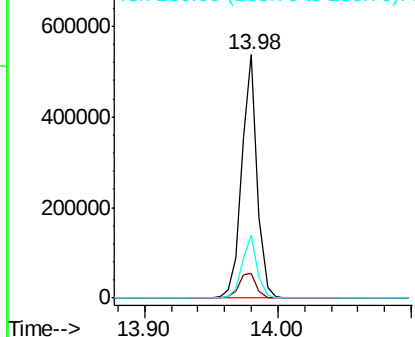


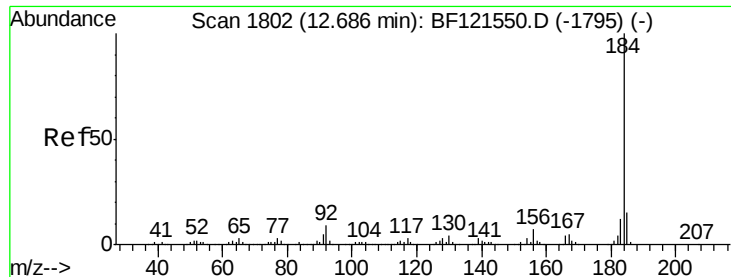
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion:240 Resp: 427038
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.2 13.8
 236 25.8 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.630 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

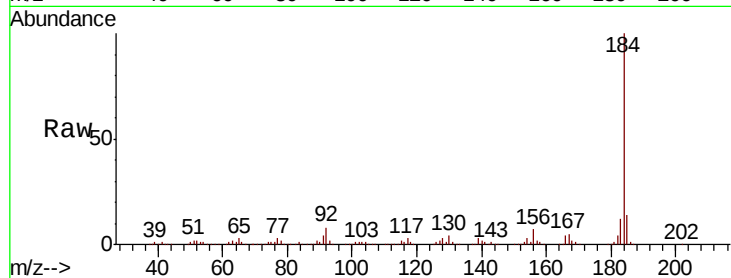
Tot Ion:184 Resp: 745086

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

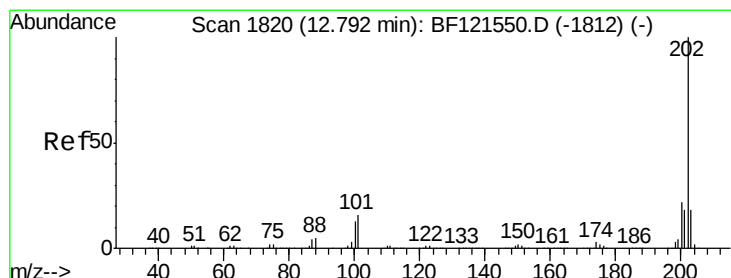
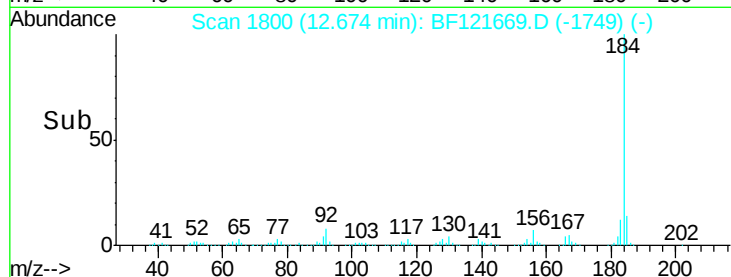
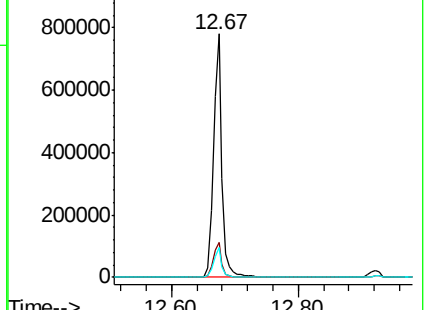
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.118 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

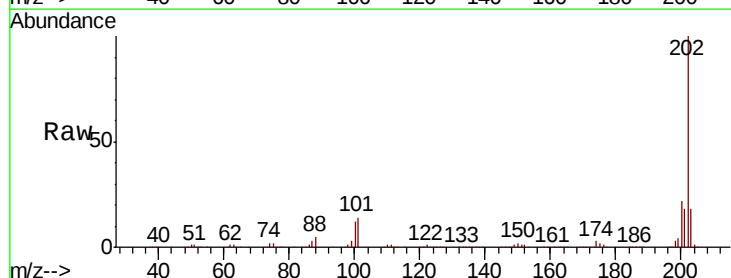
Tgt Ion:202 Resp: 1438920

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

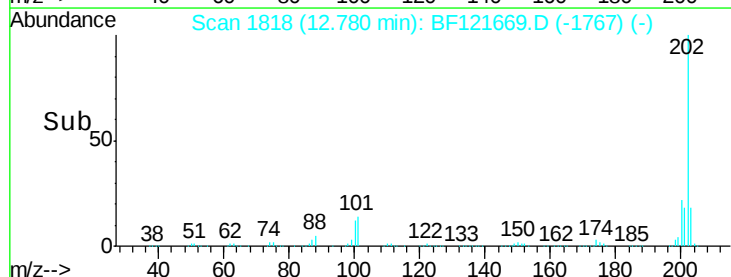
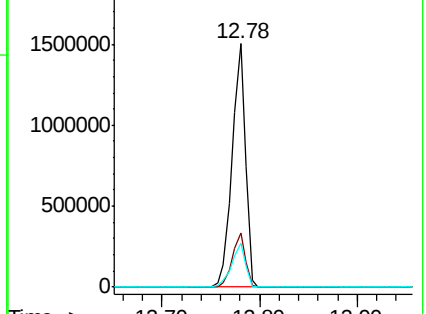
203 17.8 14.4 21.6

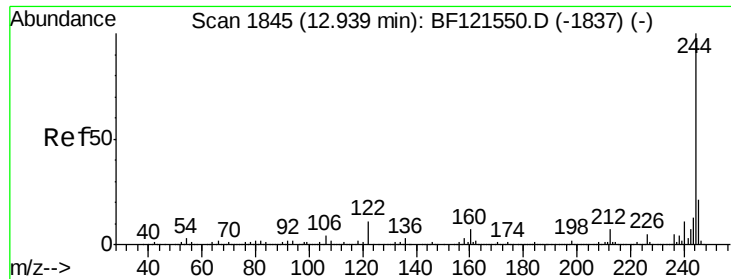


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.048 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

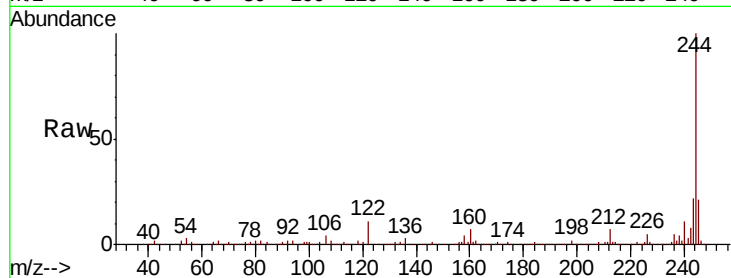
Tot Ion:244 Resp: 1834872

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

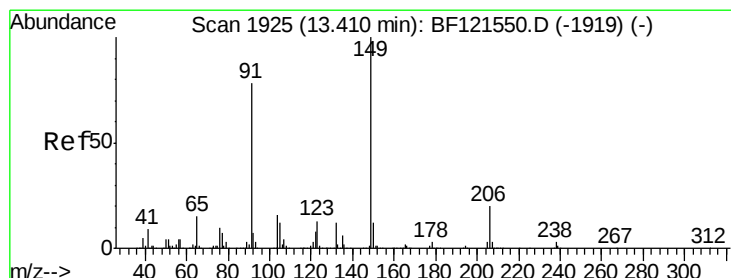
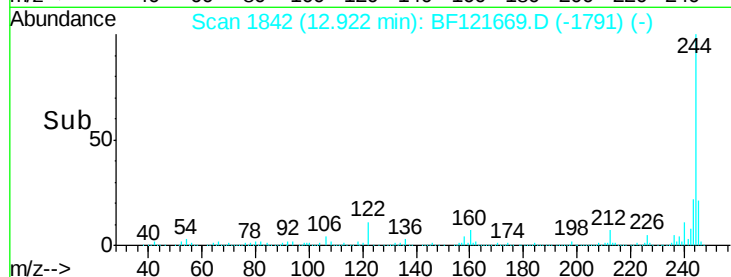
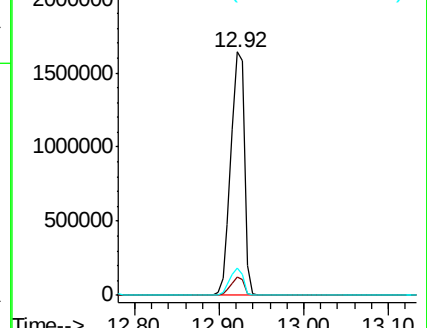
122 11.2 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.458 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

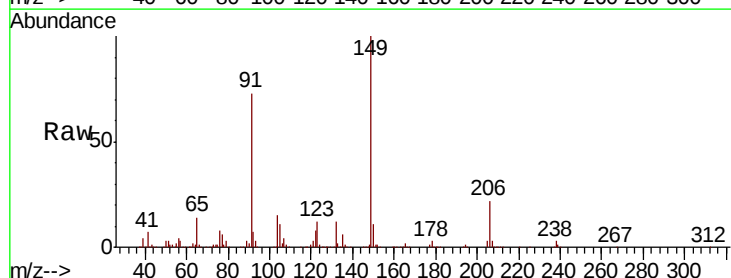
Tgt Ion:149 Resp: 573619

Ion Ratio Lower Upper

149 100

91 72.8 61.0 91.4

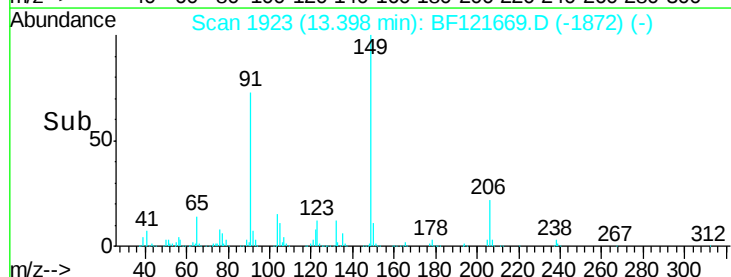
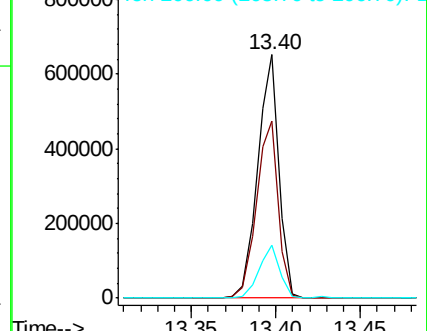
206 21.5 16.6 25.0

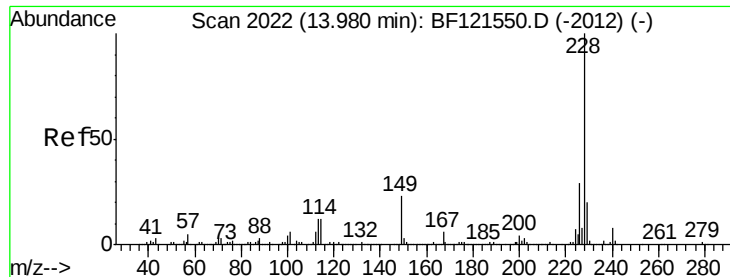


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.645 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

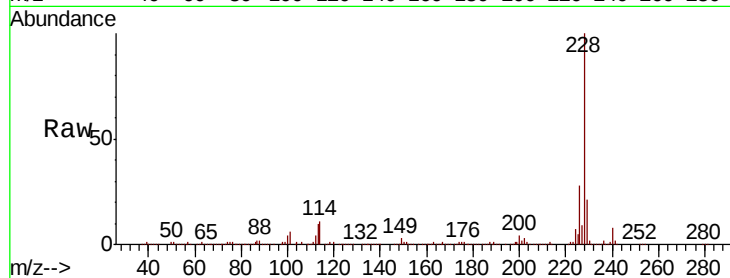
Tot Ion:228 Resp: 1260190

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.7	16.2	24.2

228 100

226 28.3 22.6 33.8

229 20.7 16.2 24.2

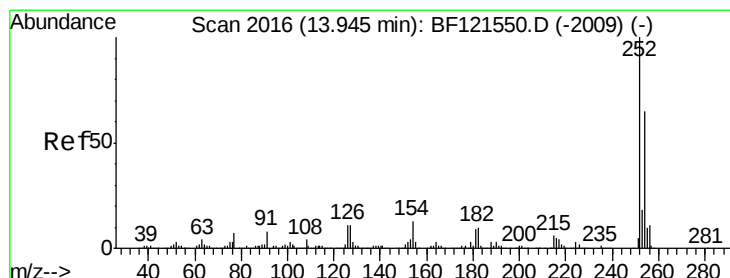
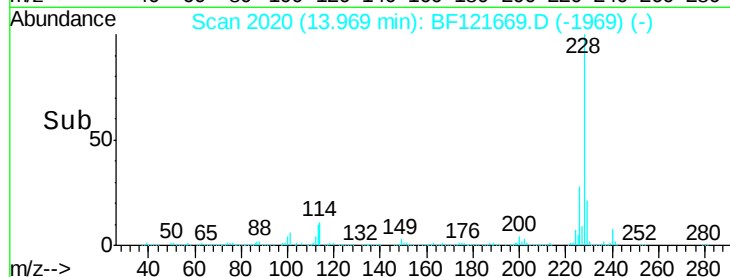
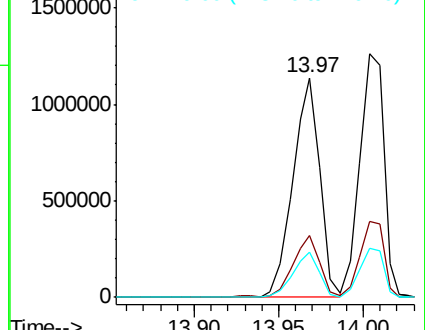


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.713 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

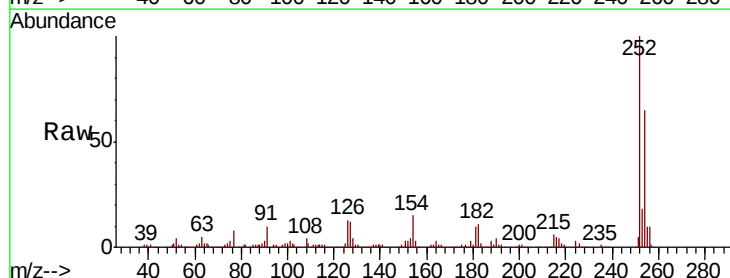
Tgt Ion:252 Resp: 355585

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.4
126	13.2	8.6	13.0

252 100

254 64.6 51.0 76.4

126 13.2 8.6 13.0

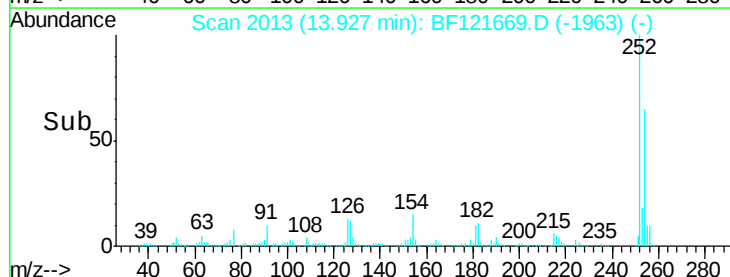
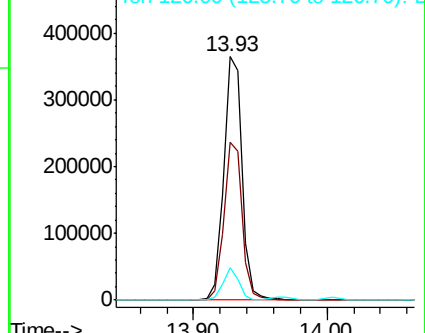


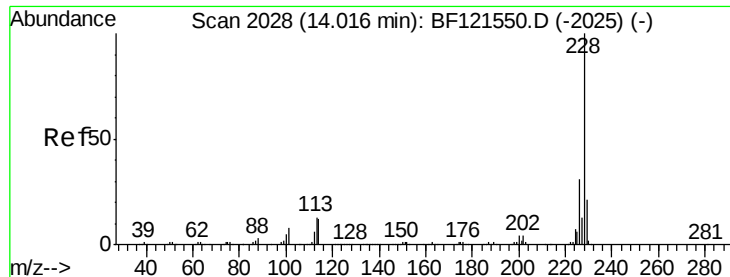
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.932 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

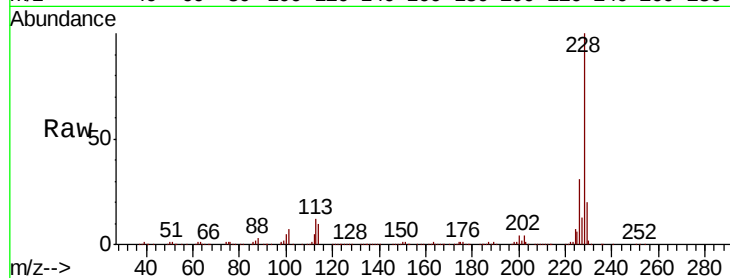
Tot Ion:228 Resp: 1256592

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

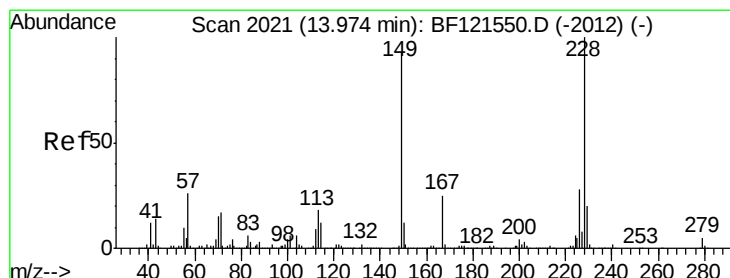
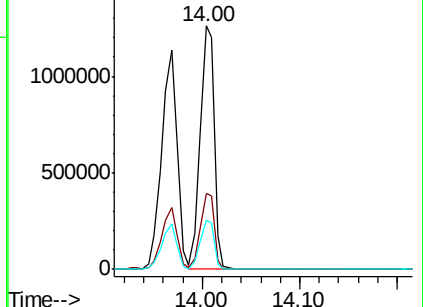
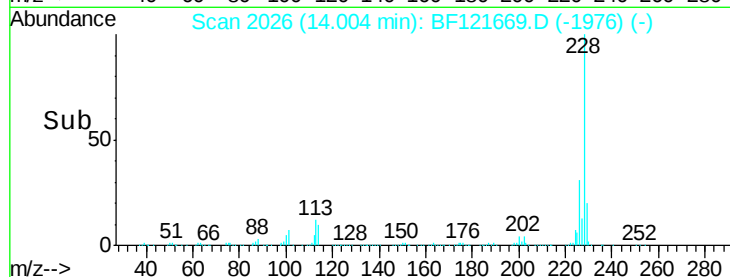
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.217 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

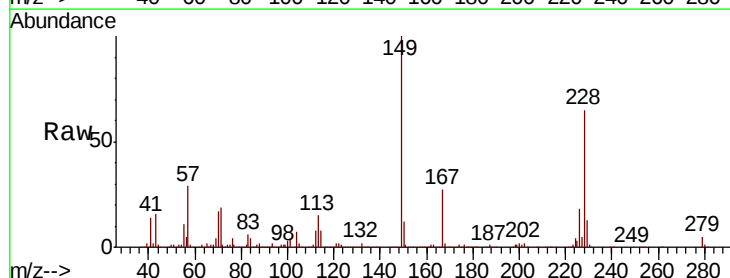
Tgt Ion:149 Resp: 728525

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

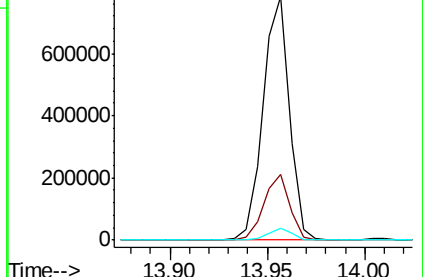
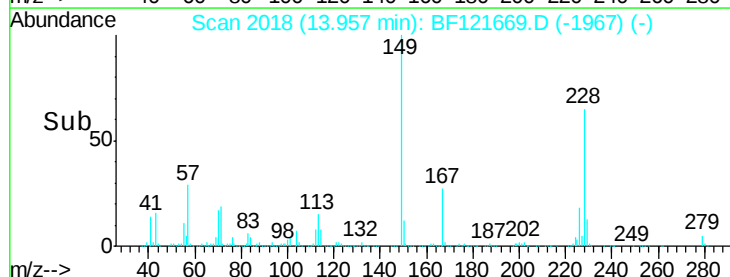
279 4.9 3.4 5.0

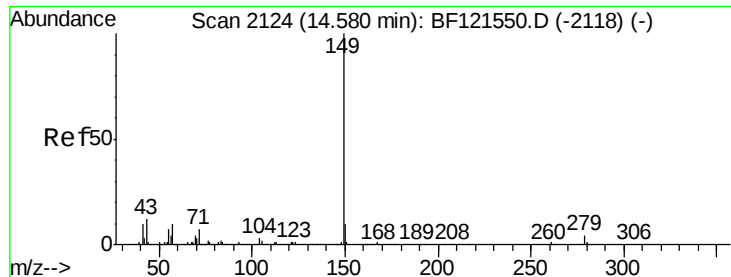


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

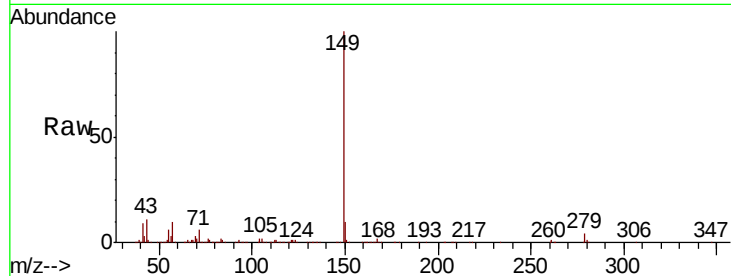




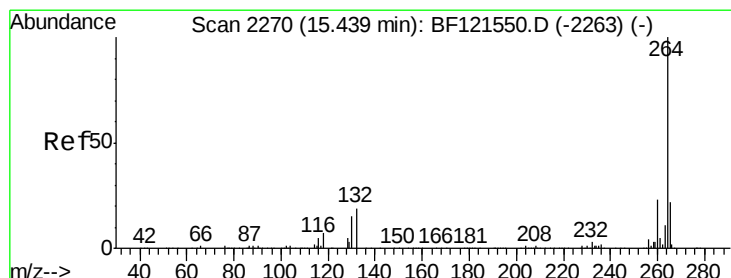
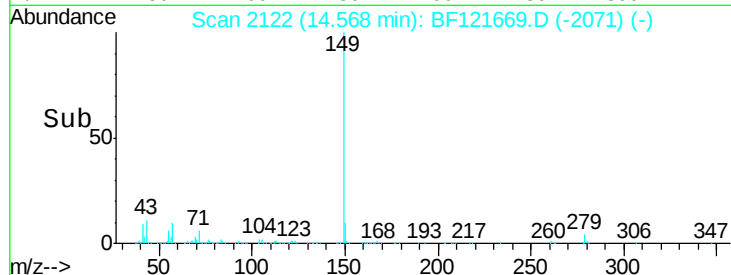
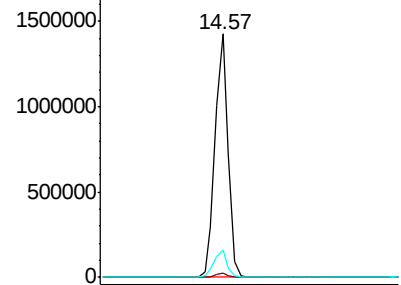
#85
Di-n-octyl phthalate
Concen: 42.984 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Instrument :
BNA_F
ClientSampleId :
PB131842BS

Tot Ion:149 Resp: 1278758
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.0 13.4

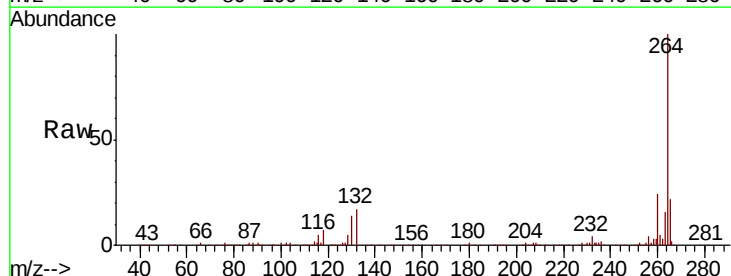


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

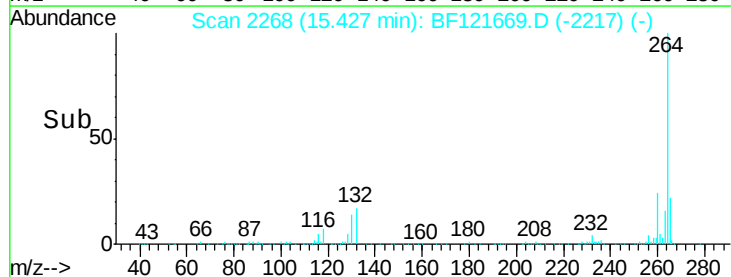
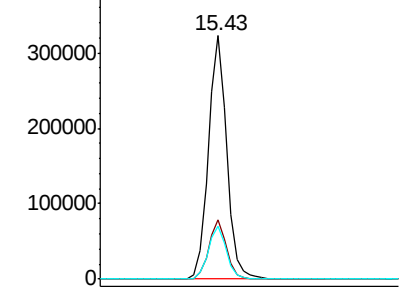


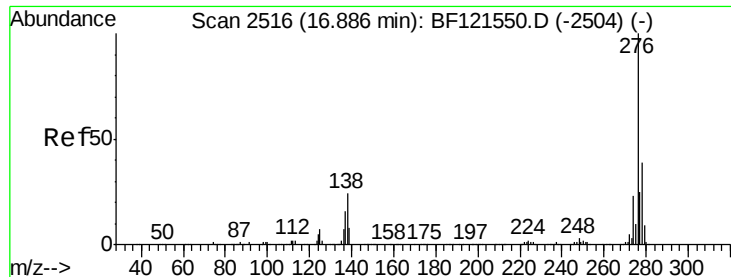
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121669.D
Acq: 23 Sep 2020 16:00

Tgt Ion:264 Resp: 391704
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

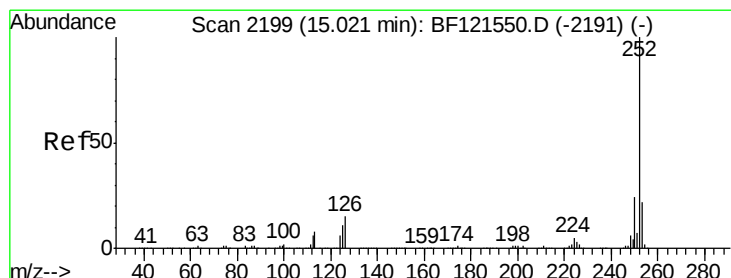
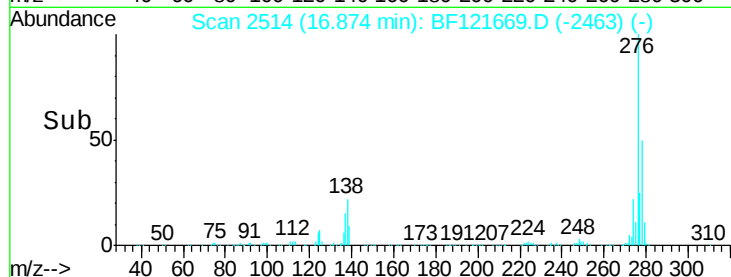
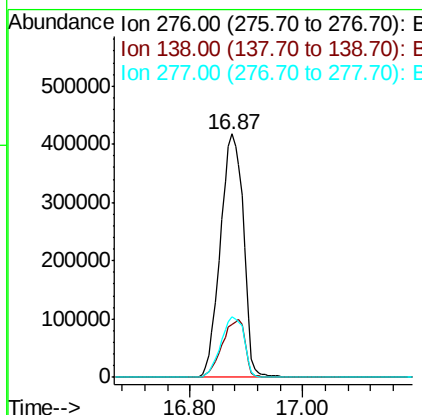
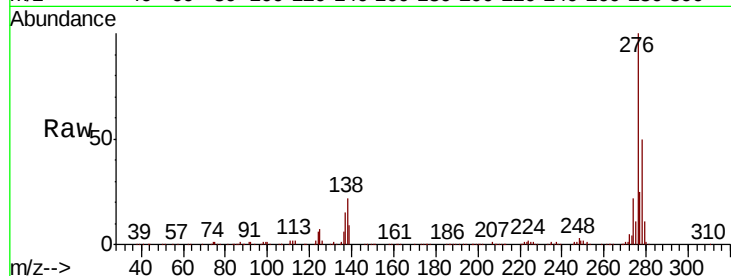




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.693 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

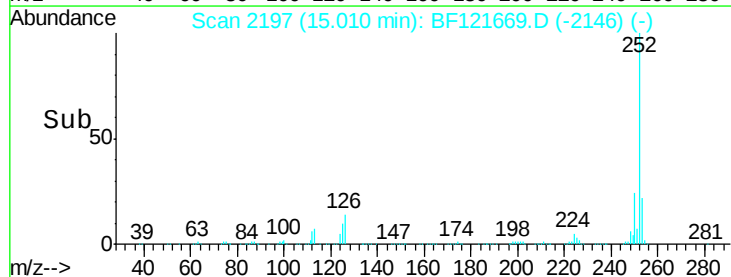
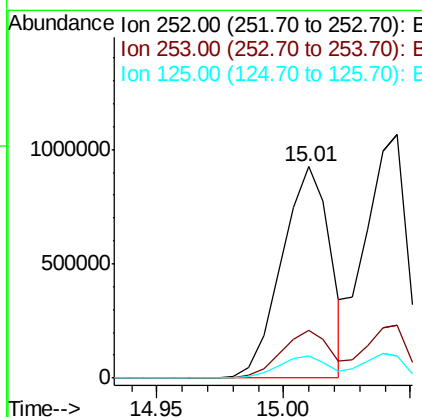
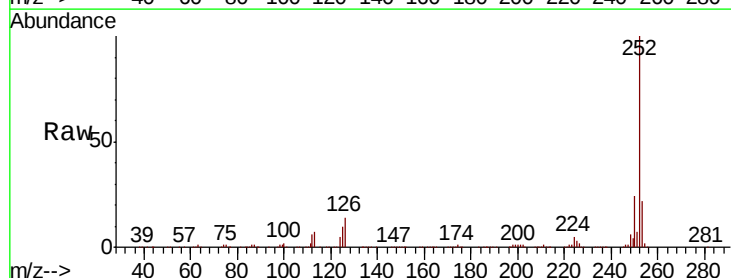
Instrument :
 BNA_F
 ClientSampleId :
 PB131842BS

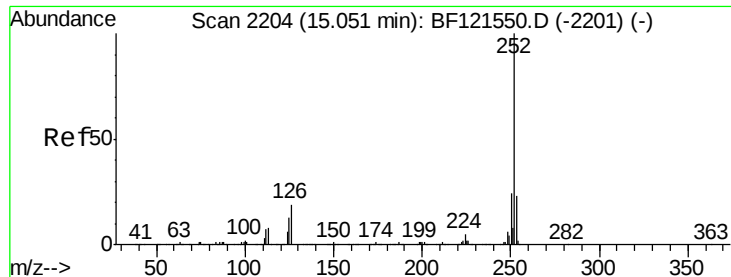
Tot Ion:276 Resp: 1191101
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.0 28.6
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.982 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121669.D
 Acq: 23 Sep 2020 16:00

Tgt Ion:252 Resp: 1230254
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 10.5 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 50.911 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

BNA_F

ClientSampleId :

PB131842BS

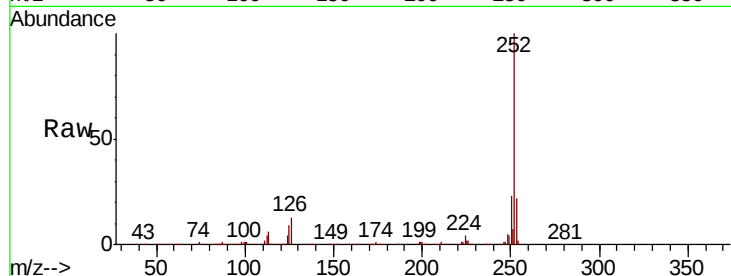
Tot Ion:252 Resp: 1220809

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

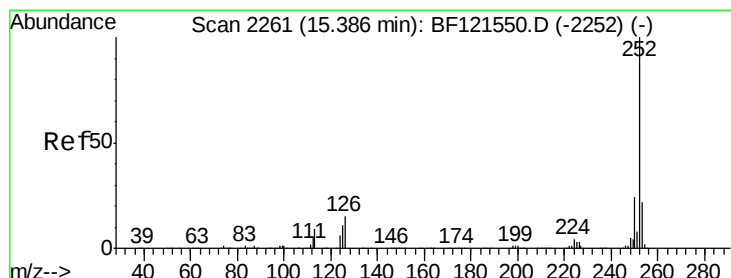
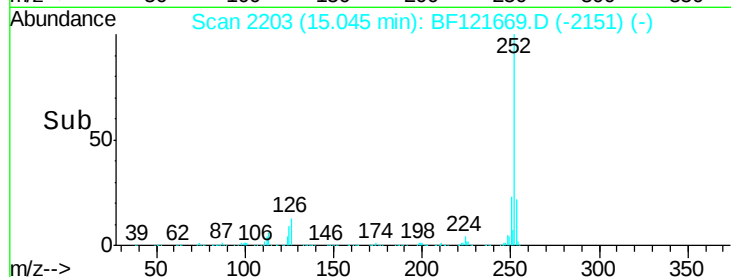
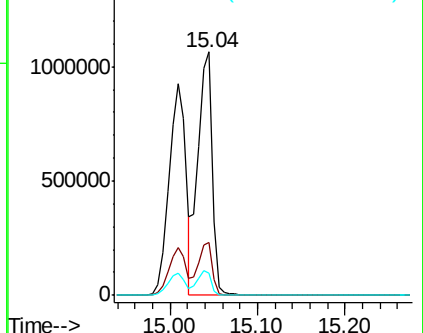
125 8.9 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.116 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

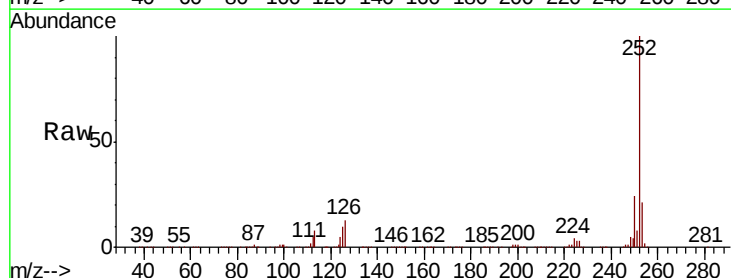
Tgt Ion:252 Resp: 1093262

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

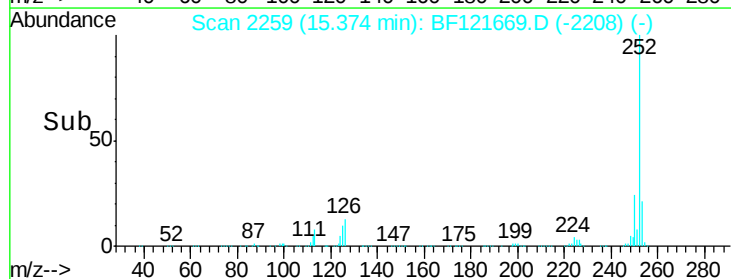
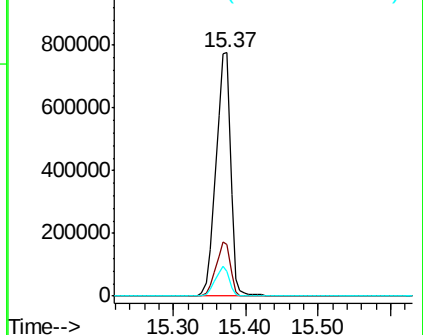
125 10.3 9.1 13.7

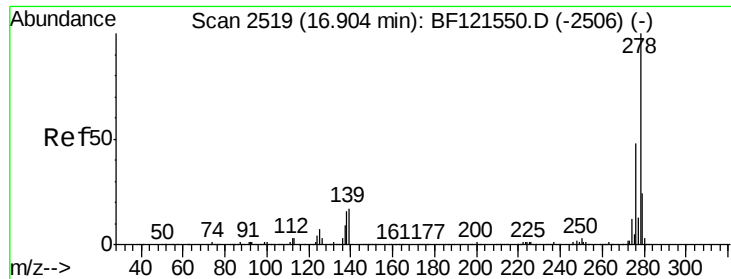


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.886 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Instrument :

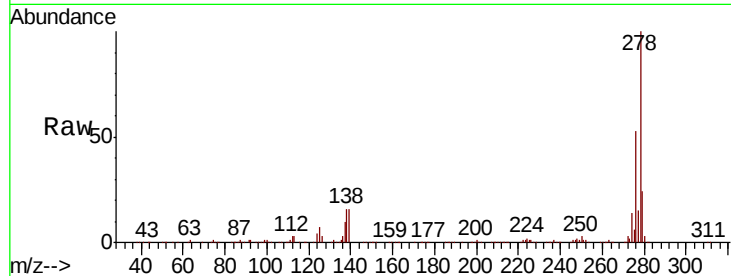
BNA_F

ClientSampleId :

PB131842BS

Tot Ion:278 Resp: 974356

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.0	18.0
279	24.5	19.4	29.2

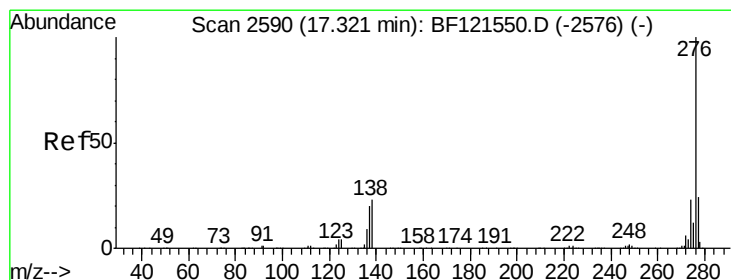
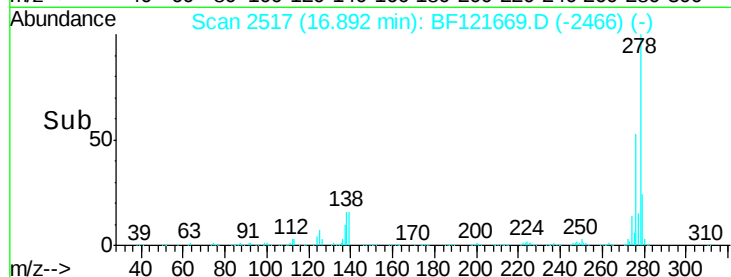
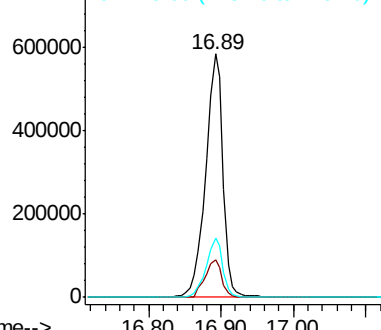


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.525 ng

RT: 17.31 min Scan# 2588

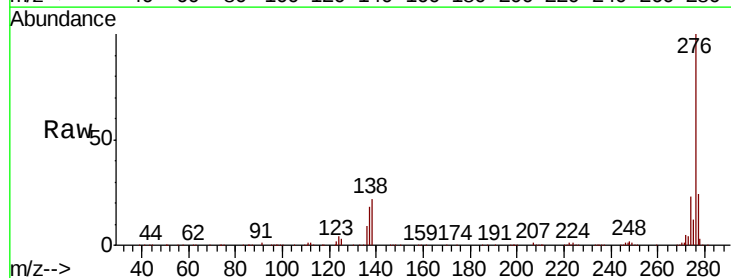
Delta R.T. -0.01 min

Lab File: BF121669.D

Acq: 23 Sep 2020 16:00

Tgt Ion:276 Resp: 971116

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	21.8	16.9	25.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

