

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121648.D
 Acq On : 22 Sep 2020 19:20
 Operator : JU/CG
 Sample : PB131810BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Quant Time: Sep 23 01:05:29 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	154914	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	607803	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323620	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	617771	20.00	ng	0.00
76) Chrysene-d12	13.98	240	477653	20.00	ng	0.00
86) Perylene-d12	15.43	264	403685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1175579	112.78	ng	0.02
7) Phenol-d6	6.46	99	1563240	114.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	1080158	95.42	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	565701	140.65	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1930653	90.35	ng	0.00
79) Terphenyl-d14	12.93	244	2165378	91.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	139704	29.172	ng	99
3) Pyridine	3.37	79	444294	33.559	ng	99
4) n-Nitrosodimethylamine	3.33	42	238733	38.876	ng	99
6) Aniline	6.47	93	580438	32.588	ng	# 87
8) 2-Chlorophenol	6.60	128	469935	44.279	ng	98
9) Benzaldehyde	6.36	77	170965	19.123	ng	97
10) Phenol	6.47	94	575675	39.530	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	455703	41.518	ng	100
12) 1,3-Dichlorobenzene	6.75	146	470687	39.734	ng	97
13) 1,4-Dichlorobenzene	6.83	146	481934	40.517	ng	97
14) 1,2-Dichlorobenzene	6.98	146	460562	42.032	ng	99
15) Benzyl Alcohol	6.96	79	417652	44.932	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	695234	39.362	ng	97
17) 2-Methylphenol	7.07	107	400934	44.399	ng	99
18) Hexachloroethane	7.32	117	175197	41.136	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	330905	41.984	ng	99
20) 3+4-Methylphenols	7.23	107	469695	43.291	ng	# 88
22) Acetophenone	7.22	105	617718	40.057	ng	# 99
24) Nitrobenzene	7.40	77	509284	41.596	ng	98
25) Isophorone	7.64	82	944929	41.467	ng	99
26) 2-Nitrophenol	7.71	139	249894	43.603	ng	94
27) 2,4-Dimethylphenol	7.76	122	429509	42.225	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	586862	41.600	ng	99
29) 2,4-Dichlorophenol	7.96	162	406319	43.857	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	399427	40.936	ng	97
31) Naphthalene	8.12	128	1307644	40.756	ng	100
32) Benzoic acid	7.90	122	294536	40.137	ng	96
33) 4-Chloroaniline	8.17	127	455261	32.734	ng	97
34) Hexachlorobutadiene	8.23	225	242018	42.257	ng	99
35) Caprolactam	8.55	113	72896	23.627	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	455388	45.628	ng	97
37) 2-Methylnaphthalene	8.81	142	879352	41.821	ng	99
38) 1-Methylnaphthalene	8.91	142	827332	42.278	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	417396	41.290	ng	99

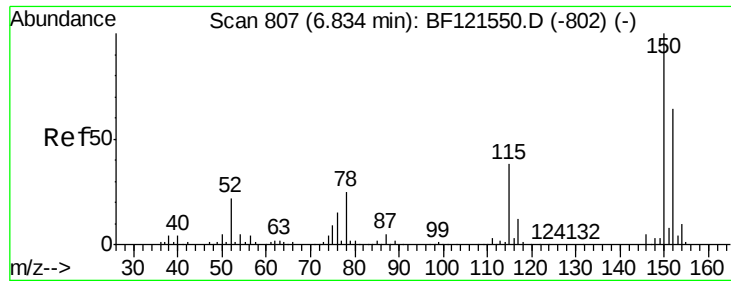
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121648.D
 Acq On : 22 Sep 2020 19:20
 Operator : JU/CG
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 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	467202	80.930	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	300635	43.631	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	323214	44.372	ng	96
46) 1,1'-Biphenyl	9.27	154	1078648	41.634	ng	100
47) 2-Chloronaphthalene	9.30	162	846854	41.480	ng	99
48) 2-Nitroaniline	9.40	65	302074	47.613	ng	96
49) Acenaphthylene	9.72	152	1343765	42.838	ng	99
50) Dimethylphthalate	9.58	163	1055483	44.999	ng	99
51) 2,6-Dinitrotoluene	9.65	165	238529	47.751	ng	91
52) Acenaphthene	9.89	154	793801	40.065	ng	100
53) 3-Nitroaniline	9.81	138	194131	33.548	ng	97
54) 2,4-Dinitrophenol	9.92	184	286002	97.089	ng	95
55) Dibenzofuran	10.06	168	1187112	42.546	ng	99
56) 4-Nitrophenol	9.99	139	389179	84.332	ng	96
57) 2,4-Dinitrotoluene	10.05	165	315893	50.267	ng	98
58) Fluorene	10.40	166	927026	43.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	279016	47.117	ng	99
60) Diethylphthalate	10.28	149	1024888	44.816	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	456382	44.650	ng	99
62) 4-Nitroaniline	10.43	138	258102	44.922	ng	100
63) Azobenzene	10.56	77	1031331	42.349	ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	188962	49.583	ng	81
66) n-Nitrosodiphenylamine	10.52	169	910384	42.954	ng	97
67) 4-Bromophenyl-phenylether	10.89	248	312588	44.442	ng	98
68) Hexachlorobenzene	10.95	284	355494	44.786	ng	100
69) Atrazine	11.05	200	224774	42.687	ng	99
70) Pentachlorophenol	11.15	266	381647	87.549	ng	98
71) Phenanthrene	11.37	178	1422482	42.262	ng	100
72) Anthracene	11.42	178	1476558	42.510	ng	100
73) Carbazole	11.57	167	1340214	42.758	ng	100
74) Di-n-butylphthalate	11.90	149	1528984	42.264	ng	99
75) Fluoranthene	12.55	202	1555809	43.301	ng	98
77) Benzidine	12.67	184	790344	49.911	ng	100
78) Pyrene	12.78	202	1586249	45.453	ng	100
80) Butylbenzylphthalate	13.40	149	642173	45.498	ng	100
81) Benzo(a)anthracene	13.97	228	1335657	44.200	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	366680	31.081	ng	100
83) Chrysene	14.01	228	1328194	43.404	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	798914	42.370	ng	100
85) Di-n-octyl phthalate	14.57	149	1367501	41.096	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1114717	42.402	ng	99
88) Benzo(b)fluoranthene	15.01	252	1223446	45.335	ng	99
89) Benzo(k)fluoranthene	15.04	252	1193030	48.276	ng	100
90) Benzo(a)pyrene	15.37	252	1068233	46.567	ng	100
91) Dibenzo(a,h)anthracene	16.89	278	920697	42.072	ng	98
92) Benzo(g,h,i)perylene	17.31	276	922945	42.905	ng	99

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

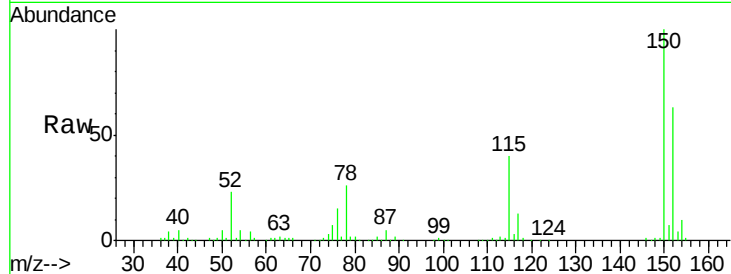


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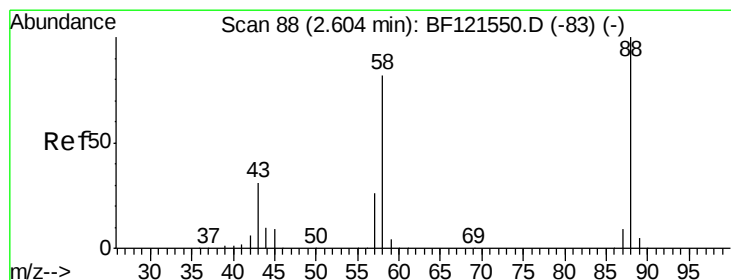
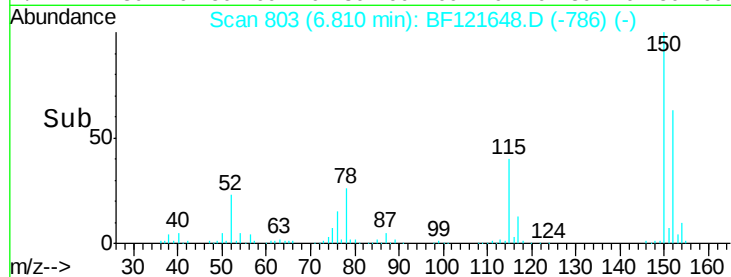
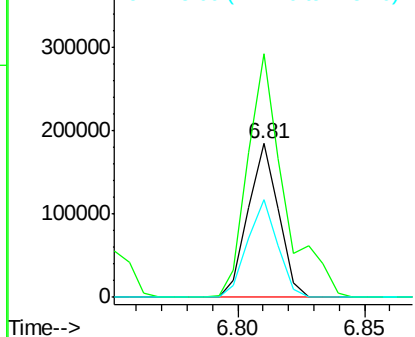
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:152 Resp: 154914
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 63.2 52.6 79.0



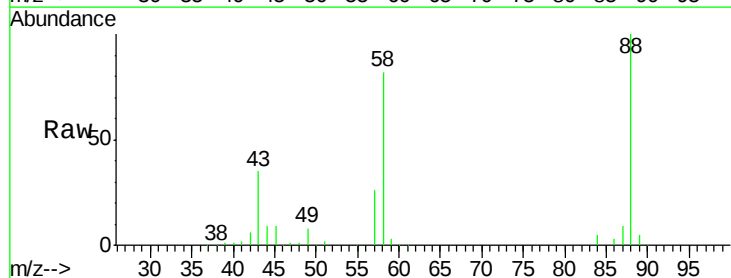
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



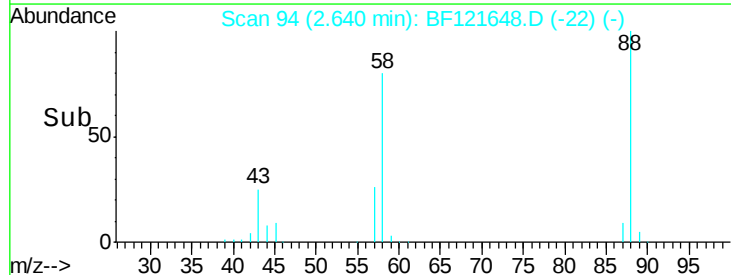
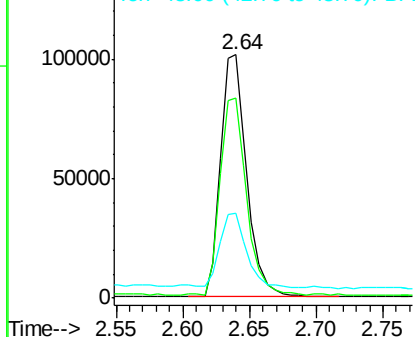
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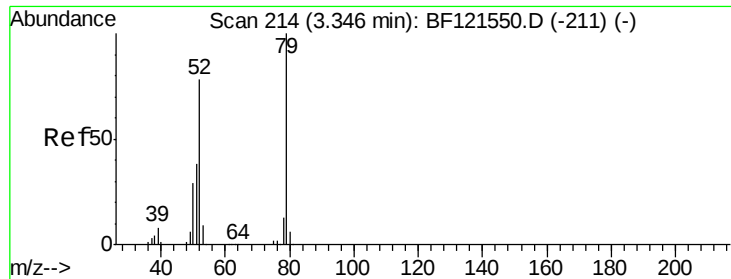
1,4-Dioxane
Concen: 29.172 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion: 88 Resp: 139704
Ion Ratio Lower Upper
88 100
58 82.3 65.4 98.0
43 31.4 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: 33.559 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.11 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

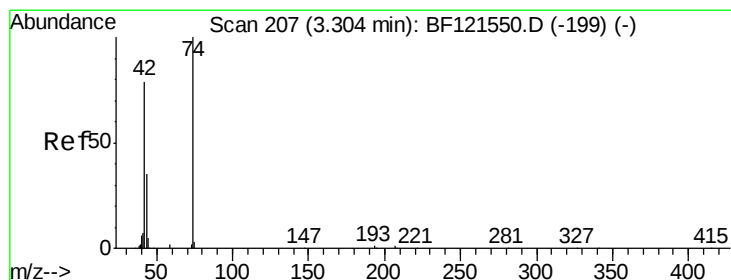
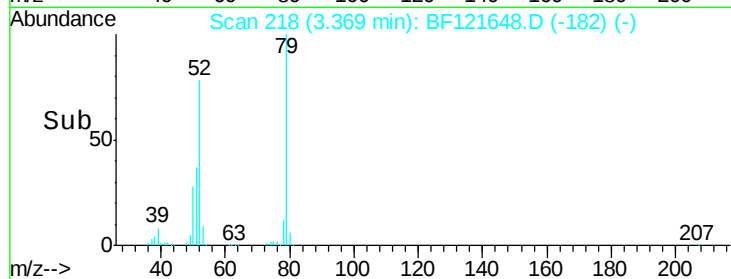
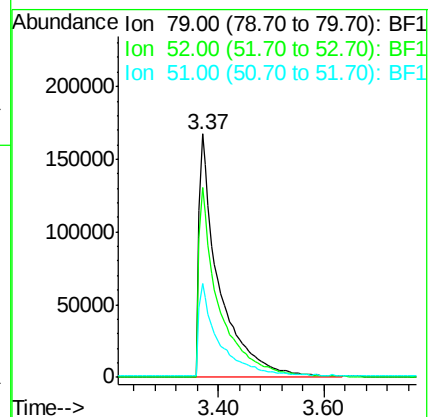
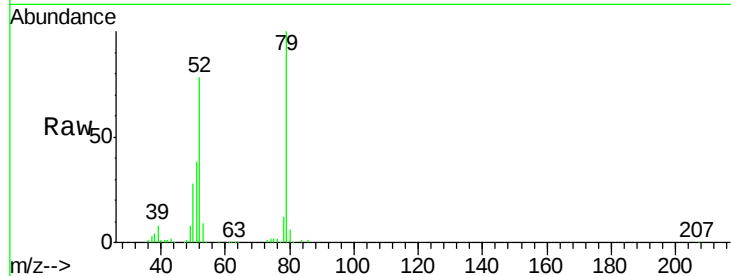
Tot Ion: 79 Resp: 444294

Ion Ratio Lower Upper

79 100

52 77.9 63.4 95.0

51 38.4 30.7 46.1



#4

n-Nitrosodimethylamine

Concen: 38.876 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.11 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

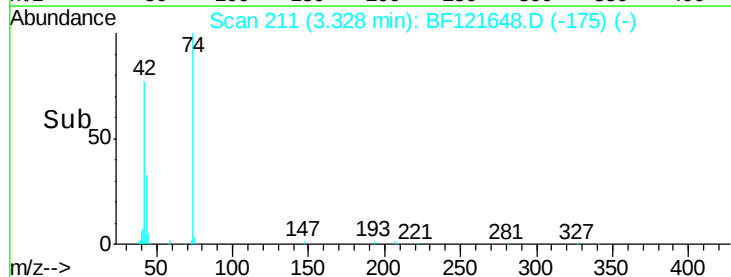
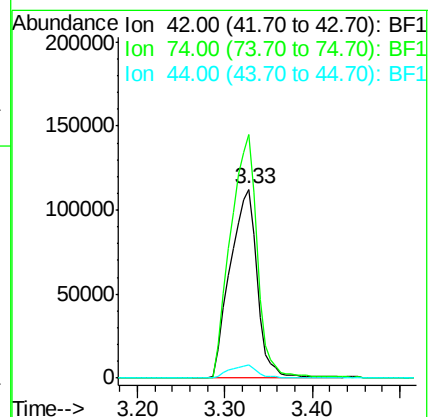
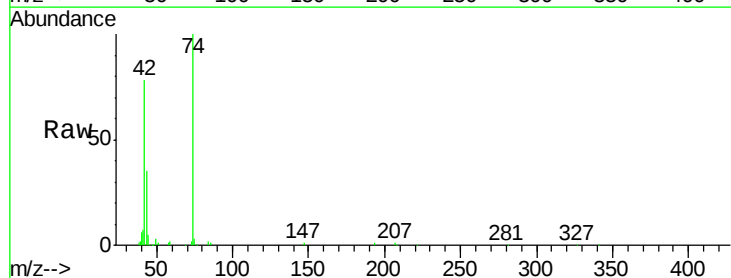
Tgt Ion: 42 Resp: 238733

Ion Ratio Lower Upper

42 100

74 129.0 102.6 154.0

44 6.7 6.0 9.0





#5

2-Fluorophenol

Concen: 112.776 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

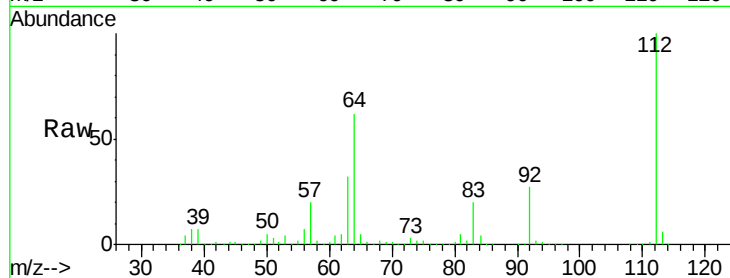
Tot Ion:112 Resp: 1175579

Ion Ratio Lower Upper

112 100

64 62.1 52.2 78.2

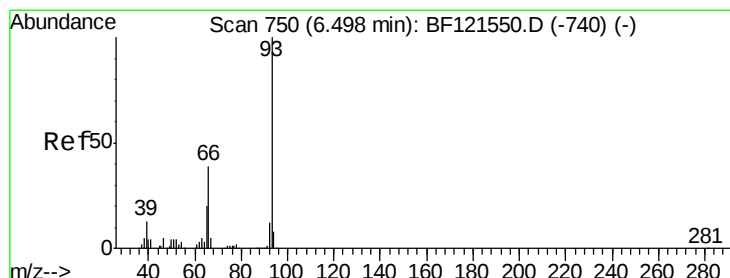
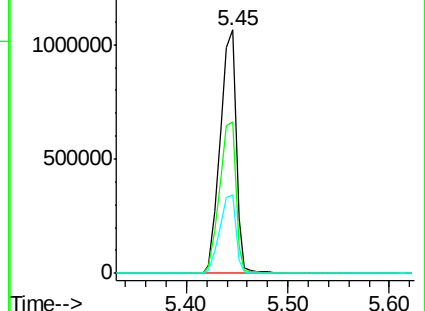
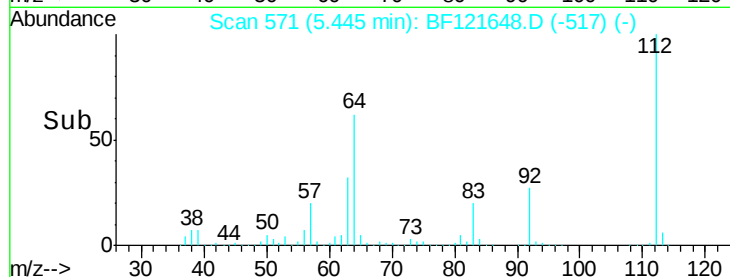
63 32.4 26.6 39.8



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: 32.588 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

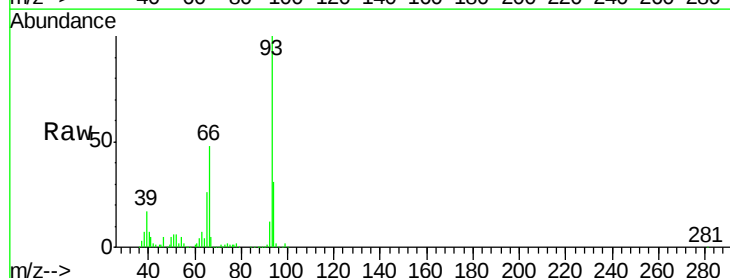
Tgt Ion: 93 Resp: 580438

Ion Ratio Lower Upper

93 100

66 47.6 31.9 47.9

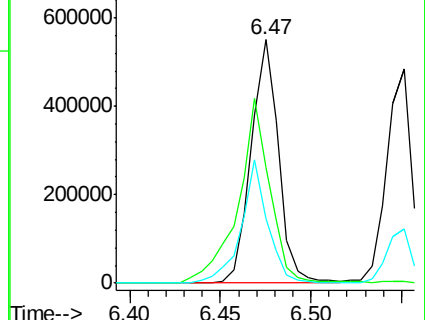
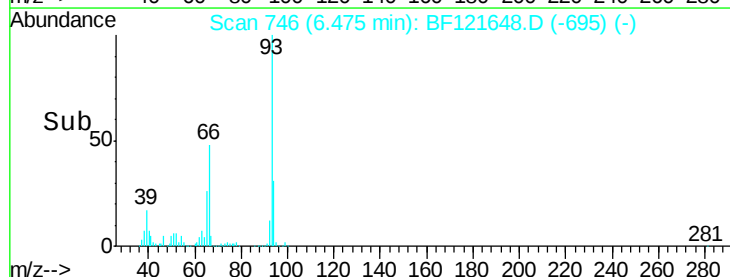
65 26.2 16.1 24.1#



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: 114.308 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

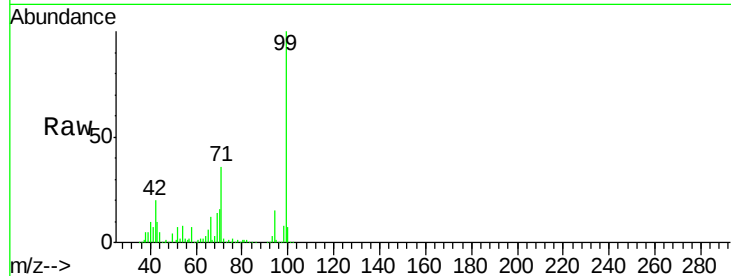
BNA_F

ClientSampleId :

PB131810BS

Tot Ion: 99 Resp: 1563240

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.5	23.3
71	35.8	27.4	41.2

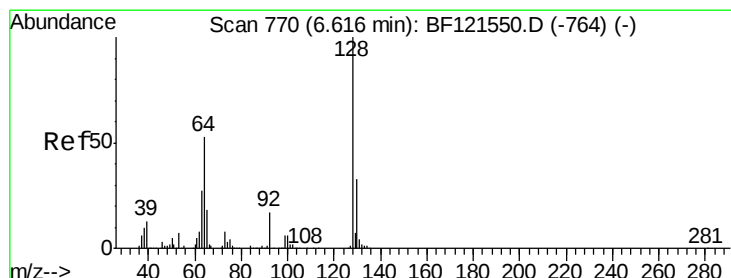
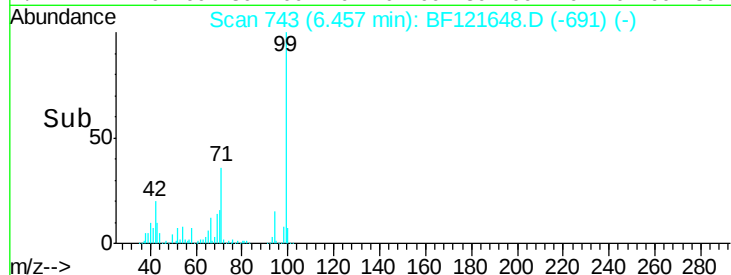
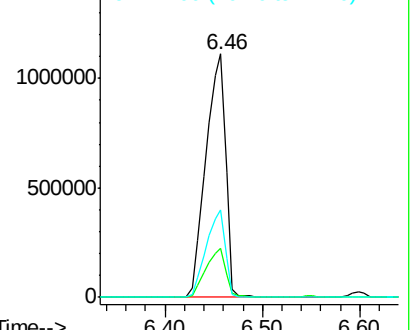


Abundance

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: 44.279 ng

RT: 6.60 min Scan# 767

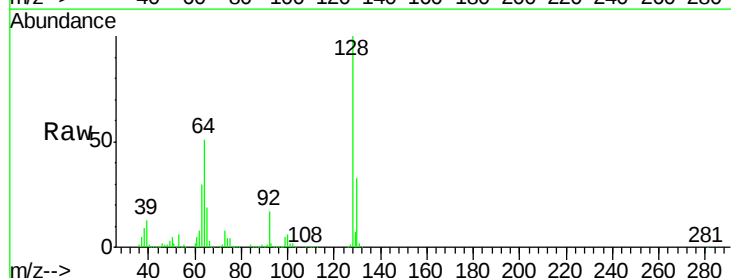
Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion: 128 Resp: 469935

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.5	53.5
64	50.9	29.3	69.3

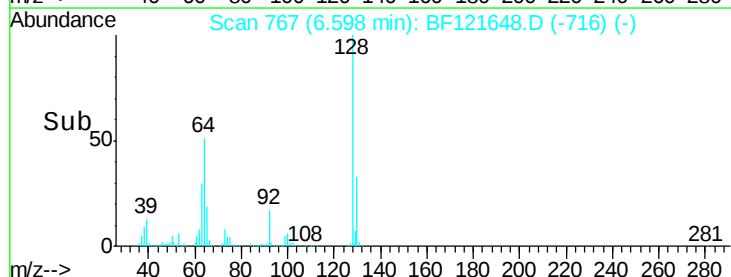
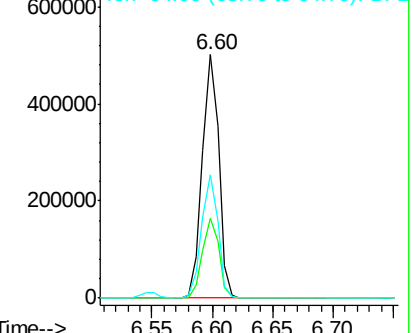


Abundance

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: 19.123 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

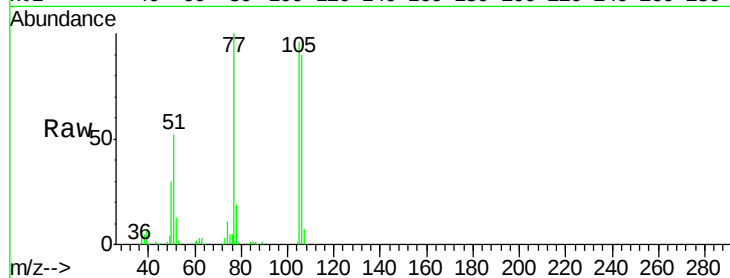
Tot Ion: 77 Resp: 170965

Ion Ratio Lower Upper

77 100

105 95.9 79.2 119.2

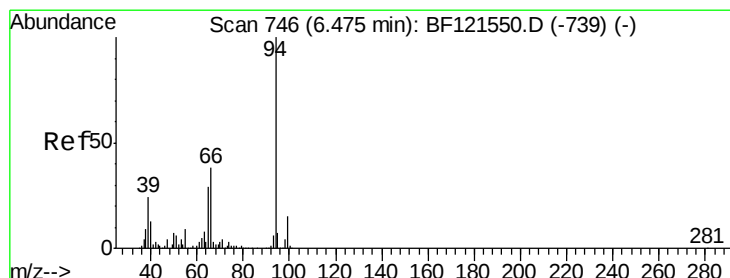
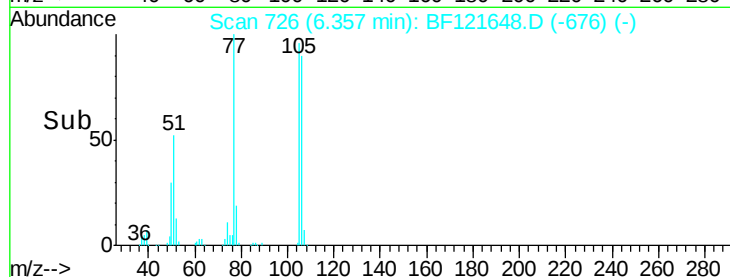
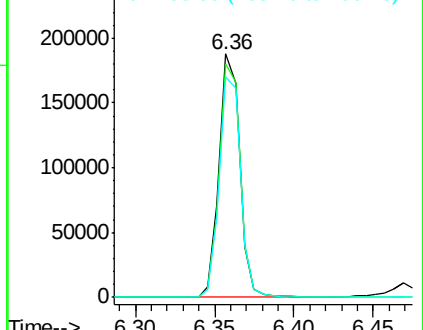
106 90.4 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.530 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

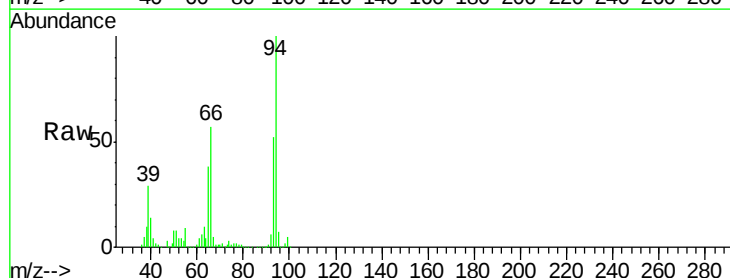
Tgt Ion: 94 Resp: 575675

Ion Ratio Lower Upper

94 100

65 38.1 17.8 57.8

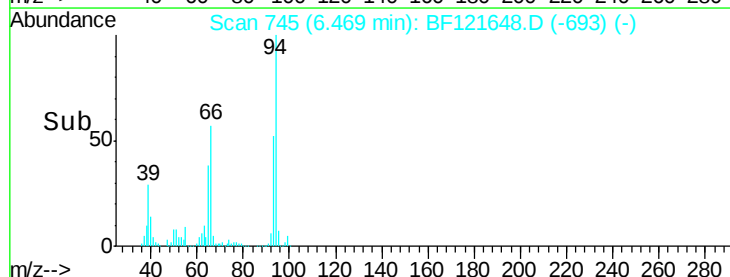
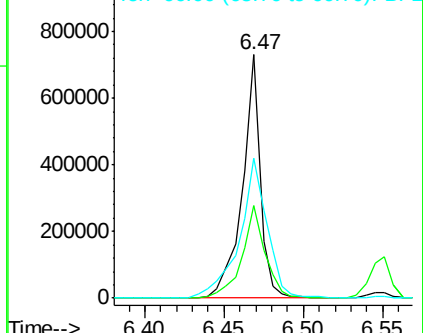
66 57.3 37.8 77.8



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

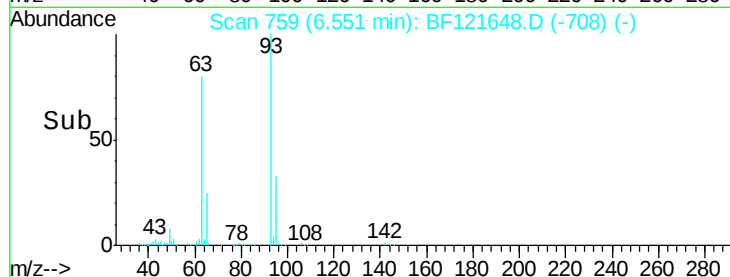
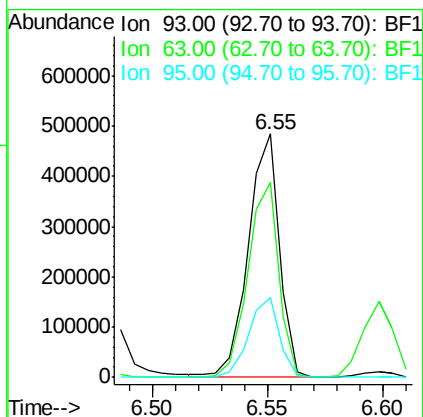
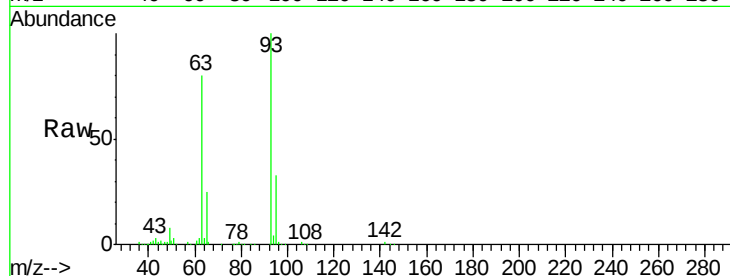




#11
bis(2-Chloroethyl)ether
Concen: 41.518 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

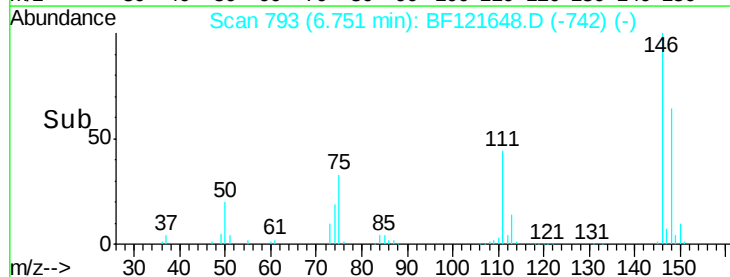
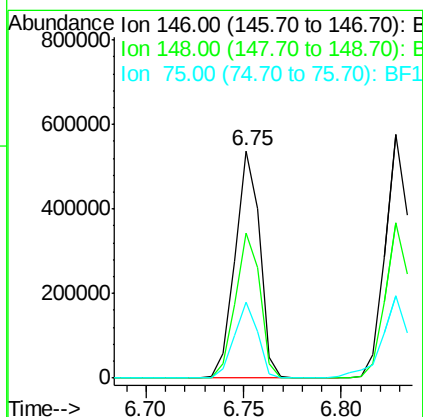
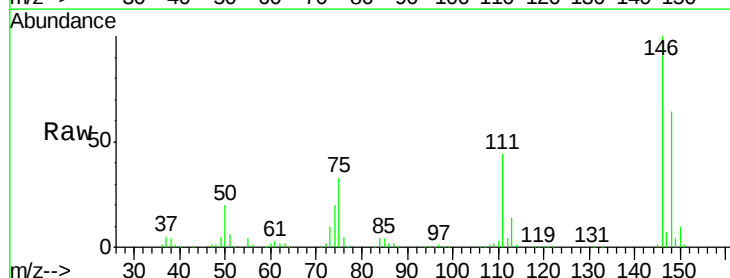
Instrument :
BNA_F
ClientSampleId :
PB131810BS

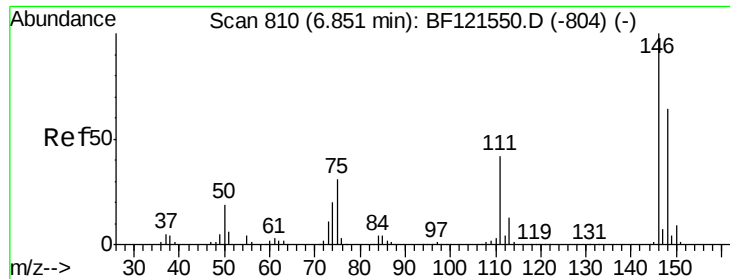
Tot Ion: 93 Resp: 455703
Ion Ratio Lower Upper
93 100
63 79.9 60.3 100.3
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.734 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion: 146 Resp: 470687
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 33.5 23.5 35.3

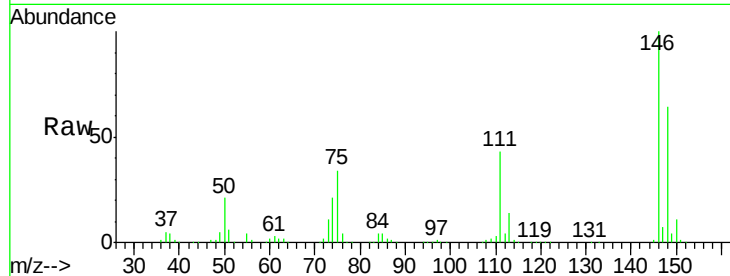




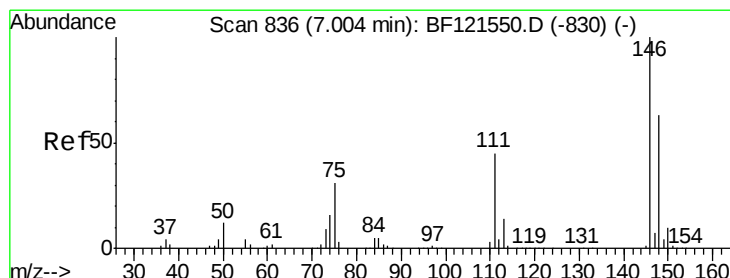
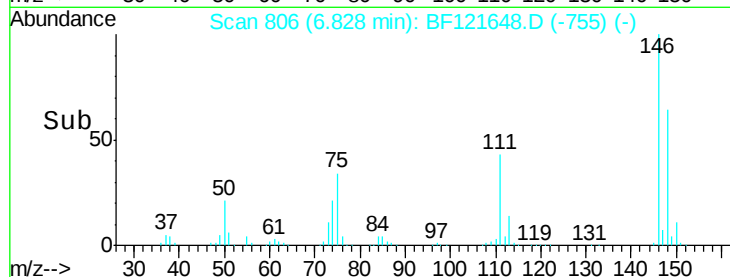
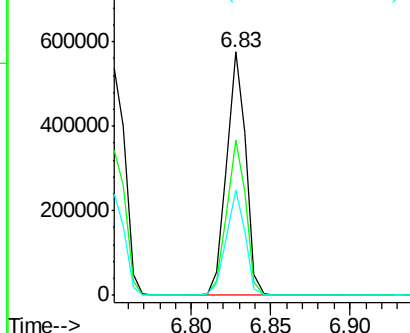
#13
 1,4-Dichlorobenzene
 Concen: 40.517 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion:146 Resp: 481934
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.9 77.9
 111 43.4 32.7 49.1

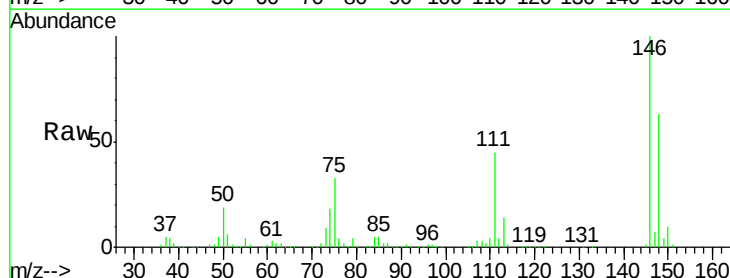


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

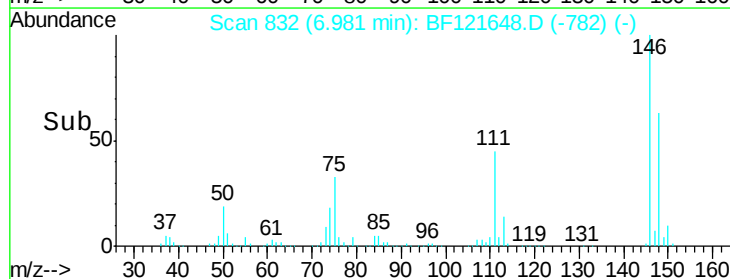
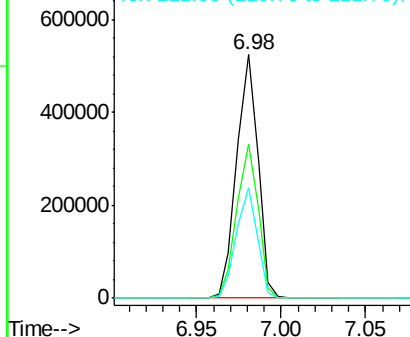


#14
 1,2-Dichlorobenzene
 Concen: 42.032 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:146 Resp: 460562
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.3 76.9
 111 45.1 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: 44.932 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

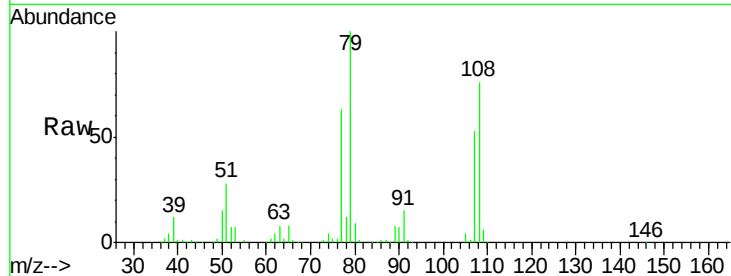
Tot Ion: 79 Resp: 417652

Ion Ratio Lower Upper

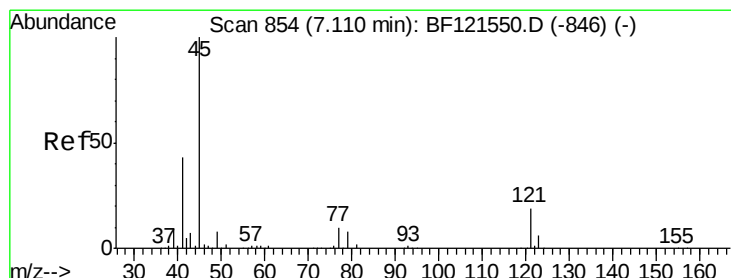
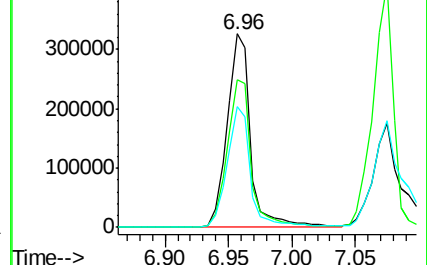
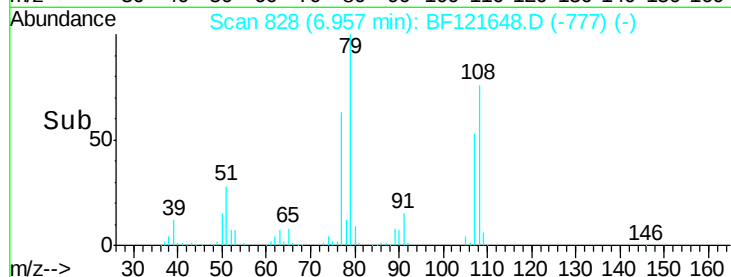
79 100

108 76.4 60.2 90.2

77 62.6 50.6 76.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.362 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

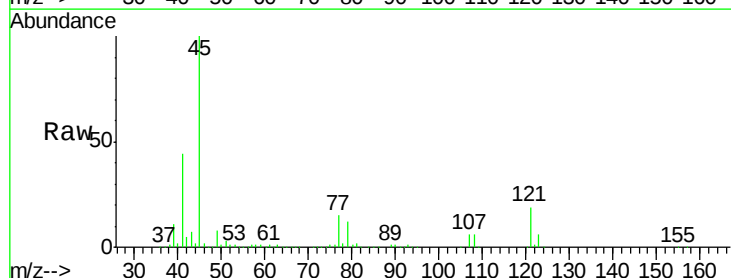
Tgt Ion: 45 Resp: 695234

Ion Ratio Lower Upper

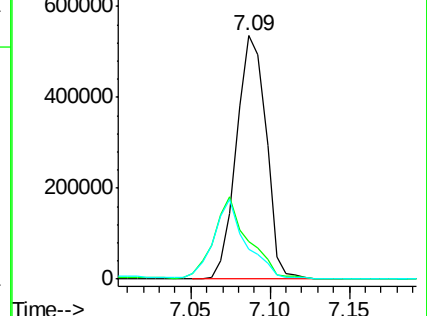
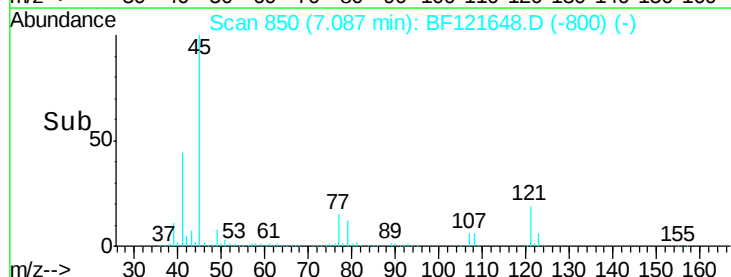
45 100

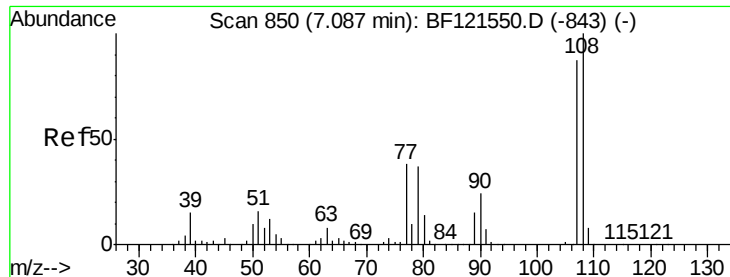
77 15.3 0.0 33.8

79 12.1 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

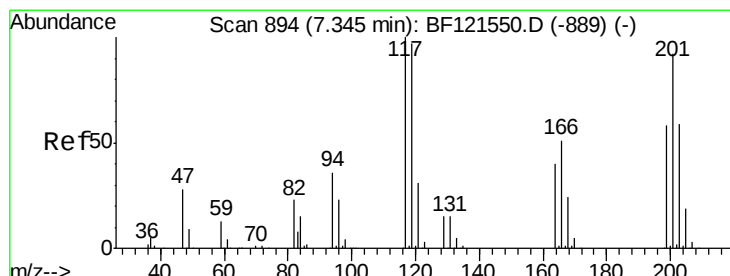
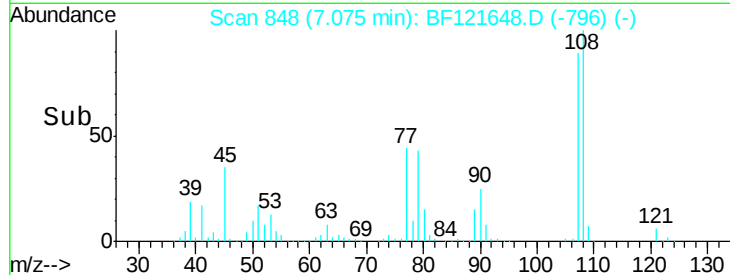
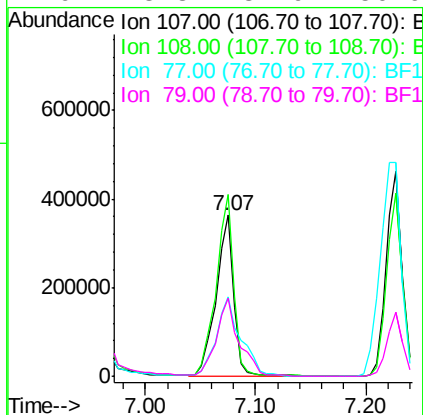
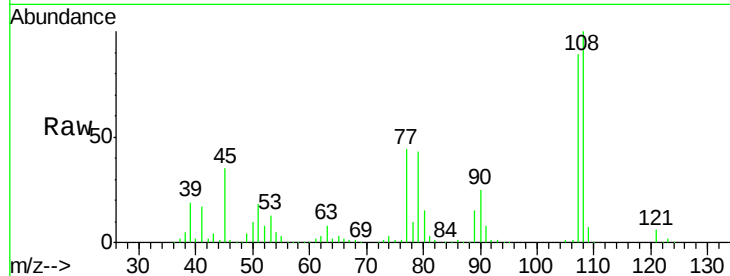




#17
2-Methylphenol
Concen: 44.399 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

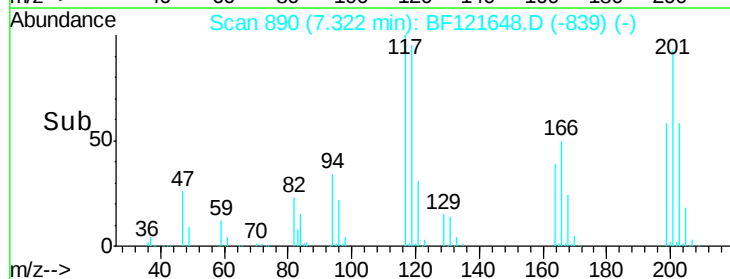
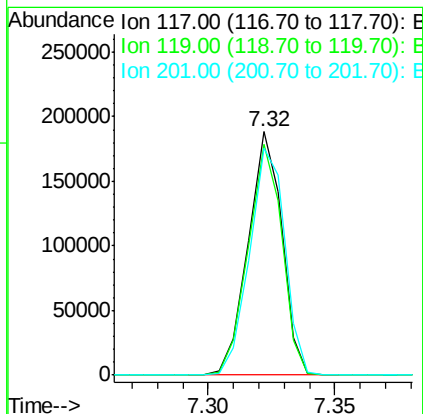
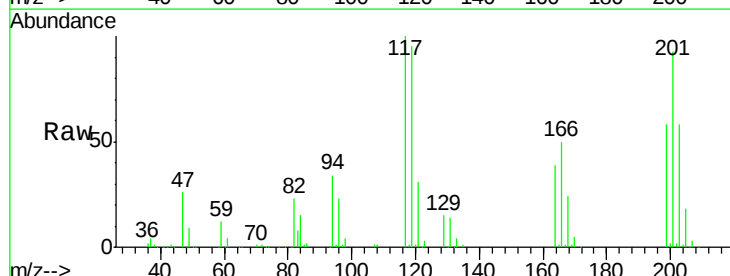
Instrument :
BNA_F
ClientSampleId :
PB131810BS

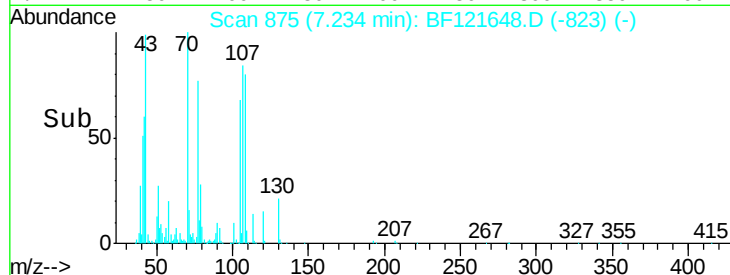
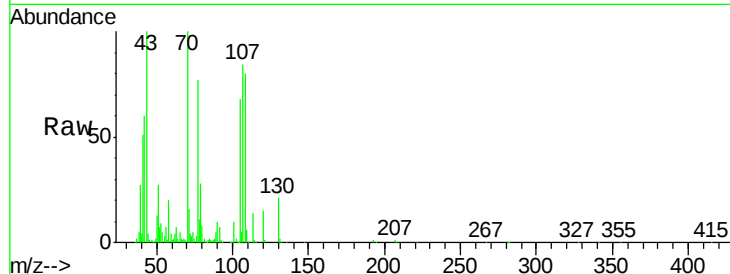
Tot Ion:	107	Resp:	400934
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.6	135.8
77	49.5	38.7	58.1
79	48.3	37.9	56.9



#18
Hexachloroethane
Concen: 41.136 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:	117	Resp:	175197
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.7	113.5
201	93.0	77.5	116.3

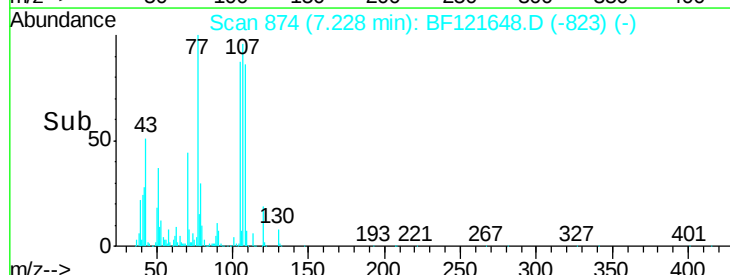
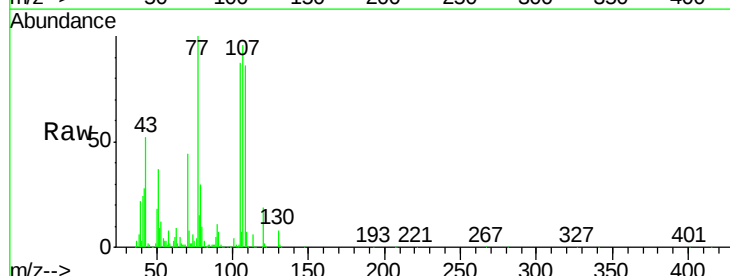
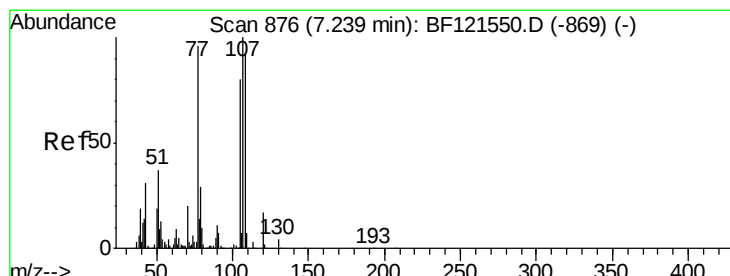
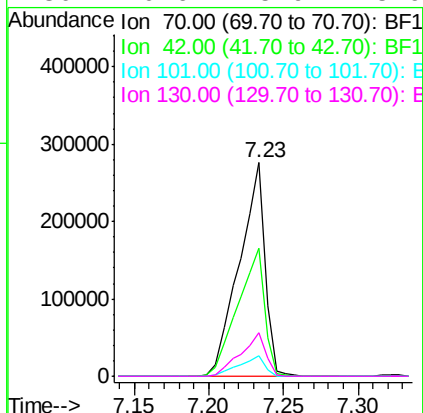




#19
n-Nitroso-di-n-propylamine
Concen: 41.984 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

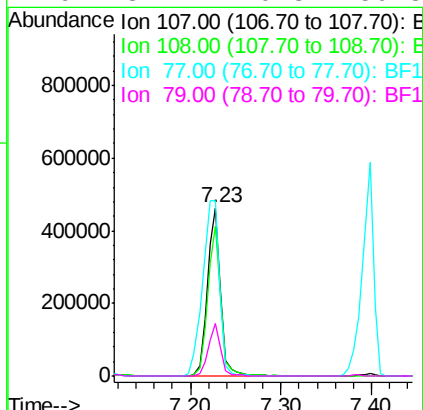
Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:	70	Resp:	330905
Ion	Ratio	Lower	Upper
70	100		
42	59.8	48.3	72.5
101	9.5	7.6	11.4
130	20.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.291 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:	107	Resp:	469695
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.0	107.0
77	104.0	107.7	147.7#
79	31.4	10.3	50.3

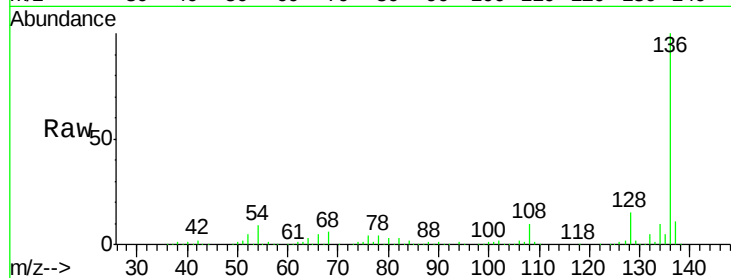




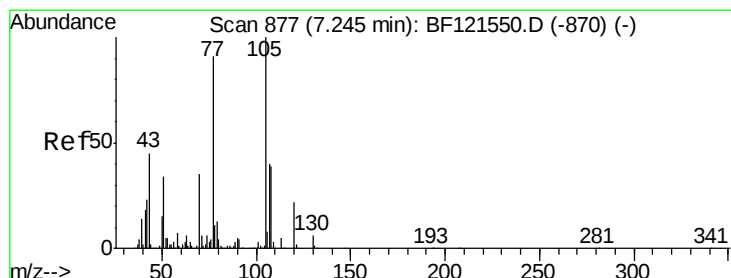
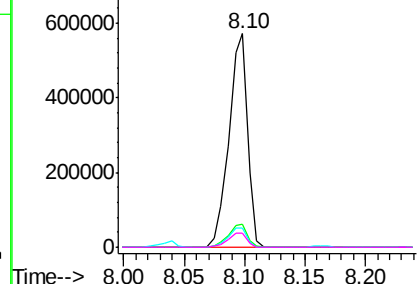
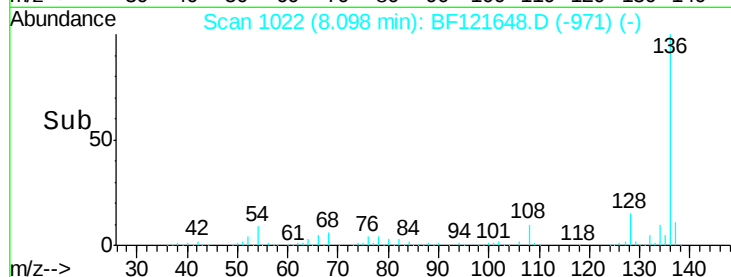
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:136	Resp:	607803
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.8	7.4 11.0
68	6.4	5.3 7.9

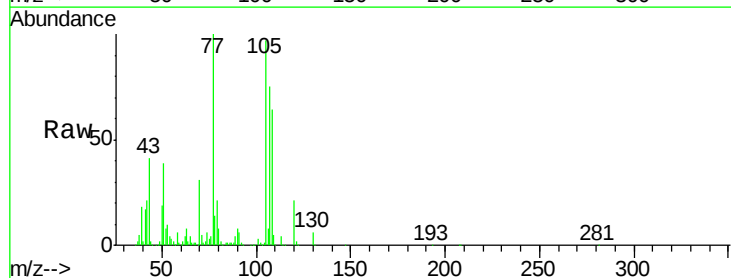


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

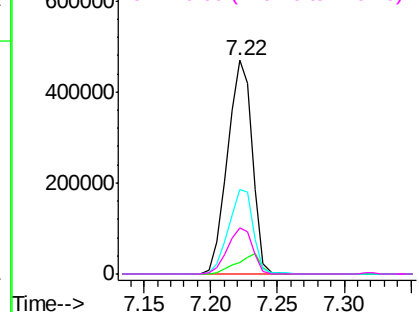
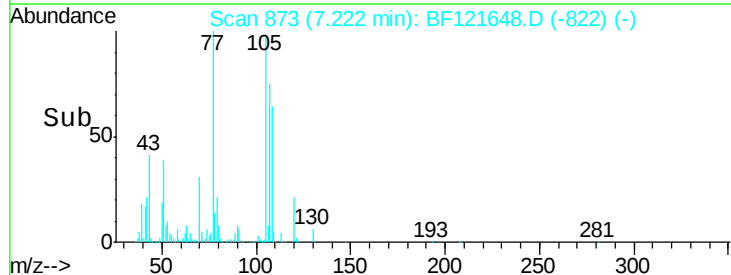


#22
Acetophenone
Concen: 40.057 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:105	Resp:	617718
Ion Ratio	Lower	Upper
105	100	
71	5.5	5.5 8.3#
51	39.7	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

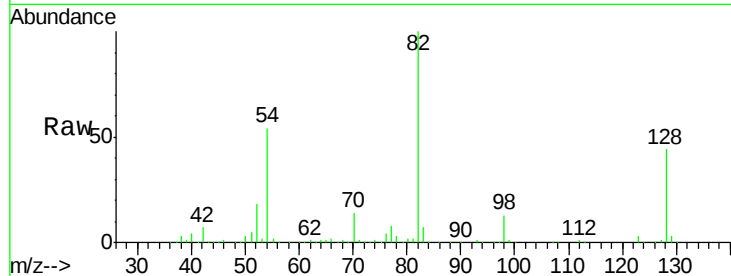




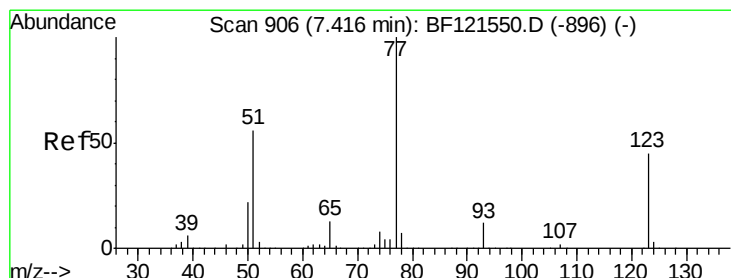
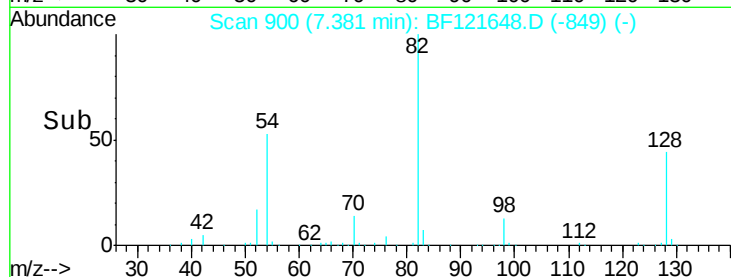
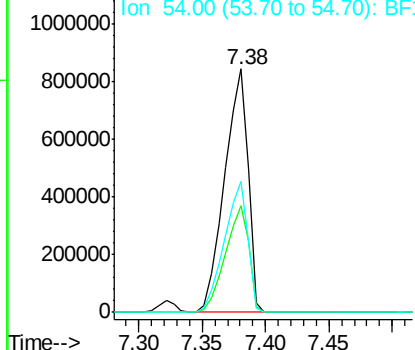
#23
Nitrobenzene-d5
Concen: 95.418 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion: 82 Resp: 1080158
Ion Ratio Lower Upper
82 100
128 43.6 33.9 50.9
54 54.0 42.9 64.3

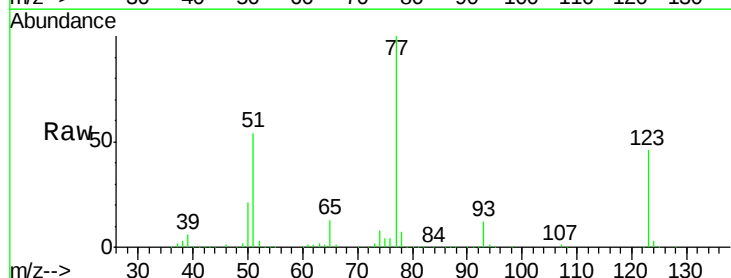


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

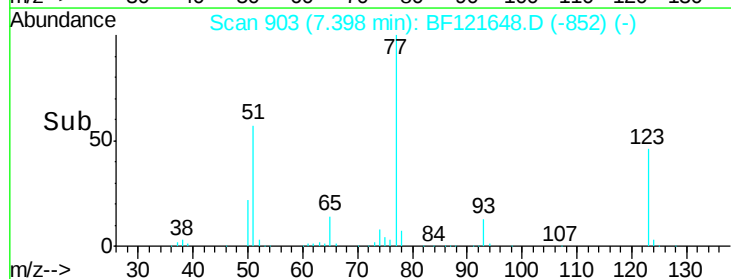
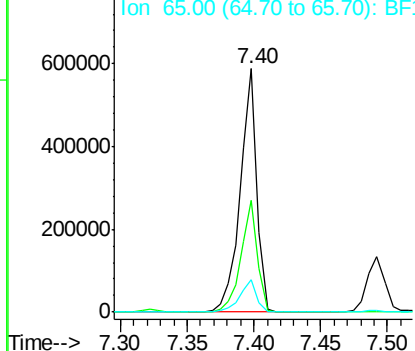


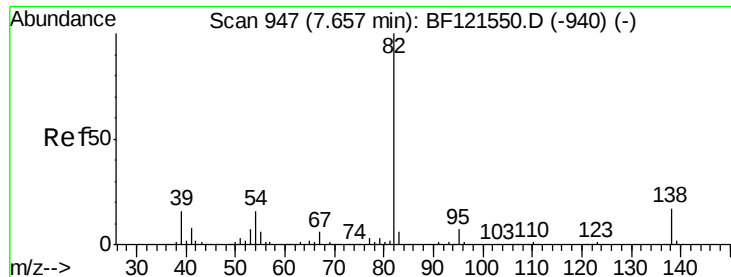
#24
Nitrobenzene
Concen: 41.596 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion: 77 Resp: 509284
Ion Ratio Lower Upper
77 100
123 46.0 35.8 53.8
65 13.3 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

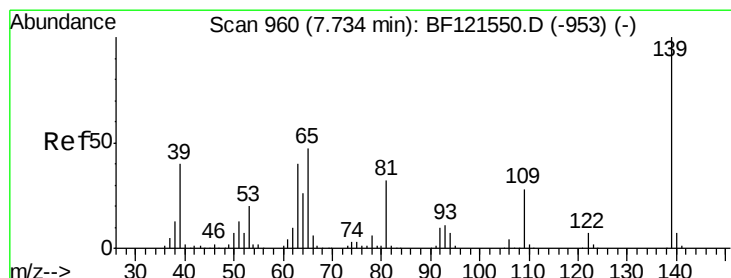
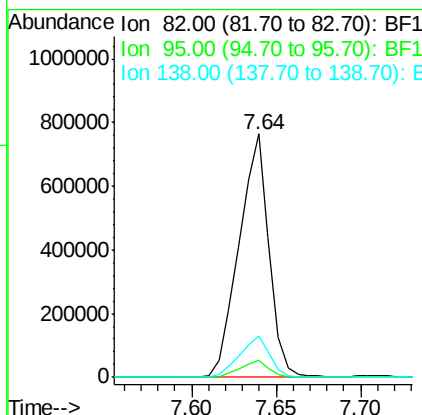
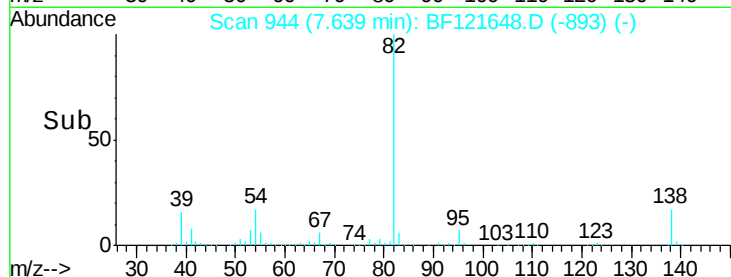
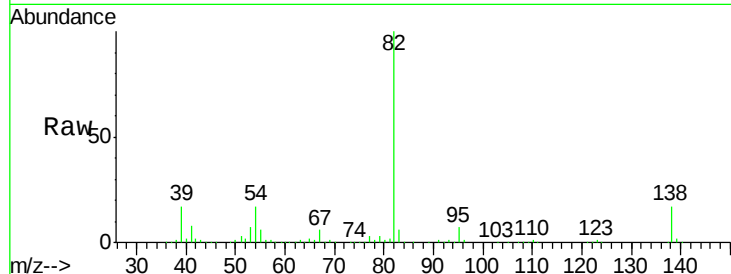




#25
Isophorone
Concen: 41.467 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

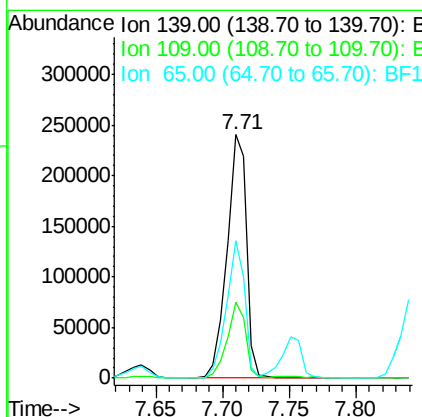
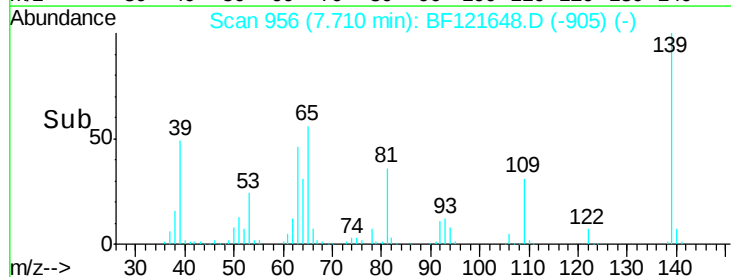
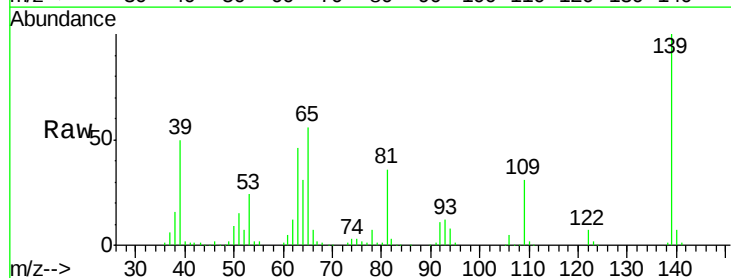
Instrument :
BNA_F
ClientSampleId :
PB131810BS

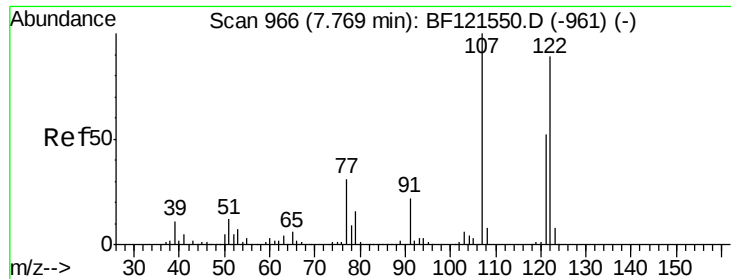
Tot Ion: 82 Resp: 944929
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.1 13.2 19.8



#26
2-Nitrophenol
Concen: 43.603 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion: 139 Resp: 249894
Ion Ratio Lower Upper
139 100
109 31.1 23.4 35.2
65 56.5 41.0 61.4

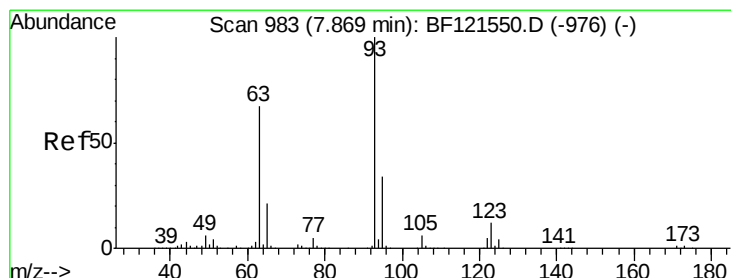
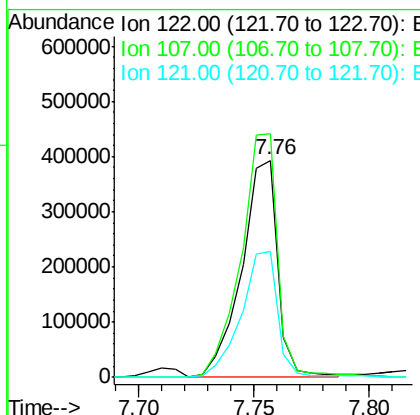
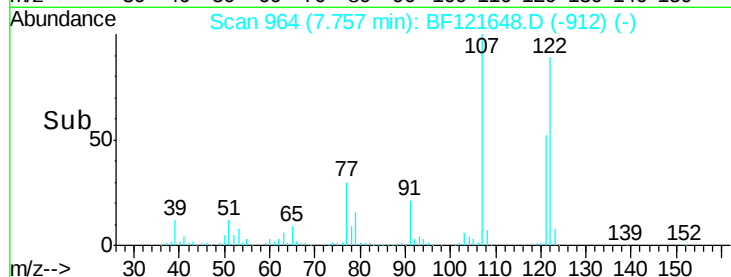
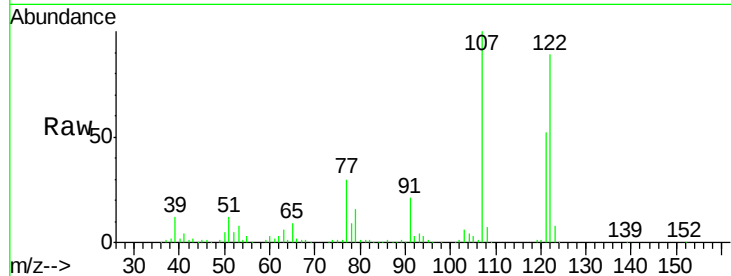




#27
 2,4-Dimethylphenol
 Concen: 42.225 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

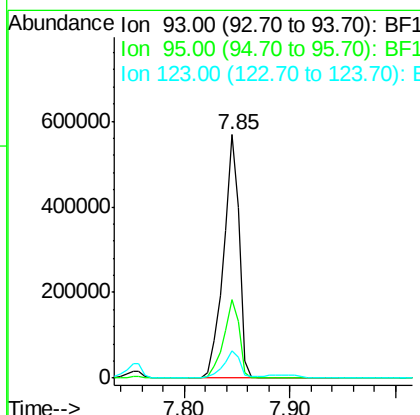
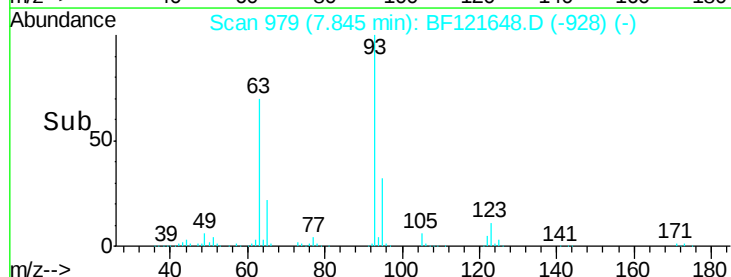
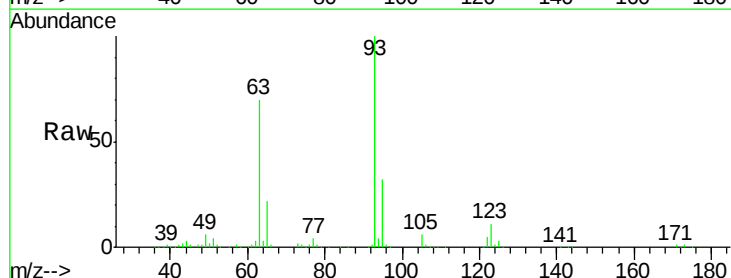
Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

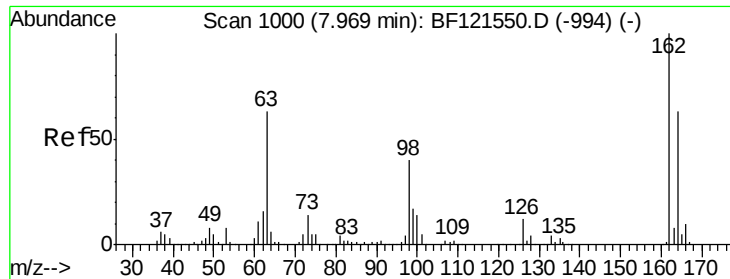
Tot Ion:122 Resp: 429509
 Ion Ratio Lower Upper
 122 100
 107 112.3 91.4 137.0
 121 58.0 46.2 69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.600 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion: 93 Resp: 586862
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.0 9.3 13.9

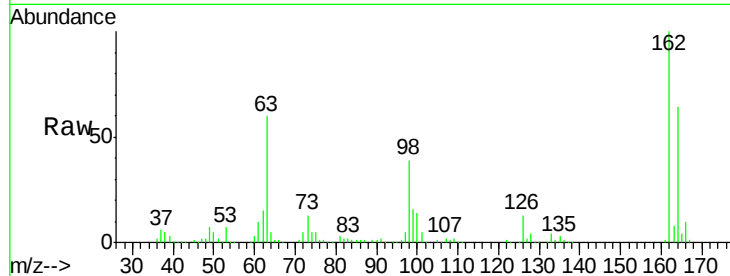




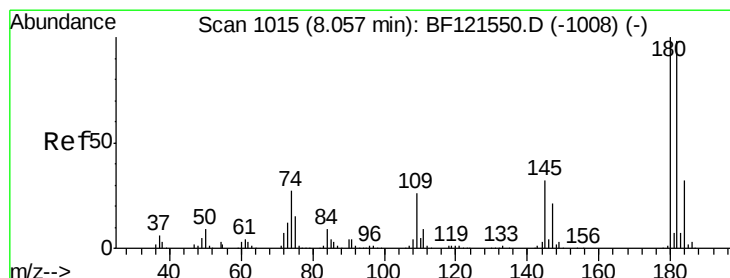
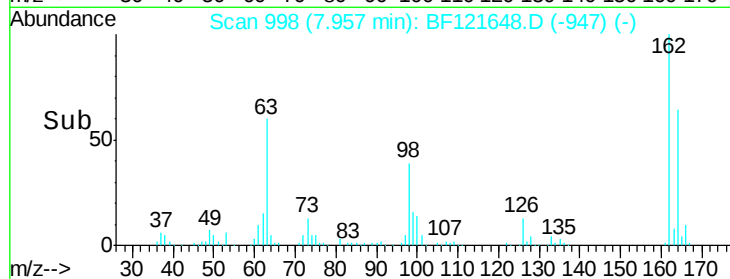
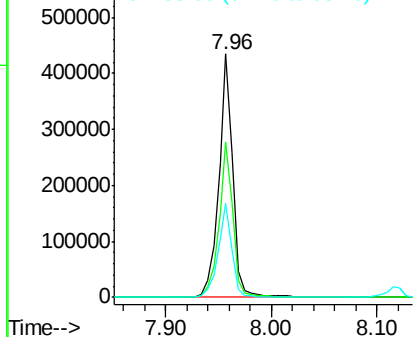
#29
 2,4-Dichlorophenol
 Concen: 43.857 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	38.6	16.7	56.7

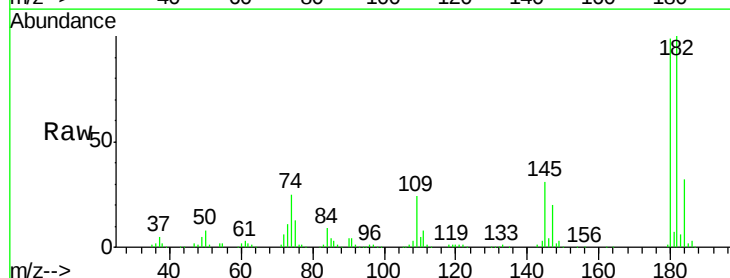


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

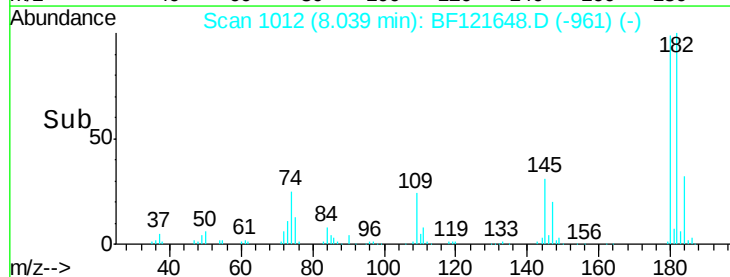
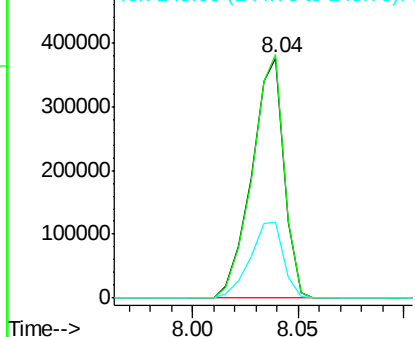


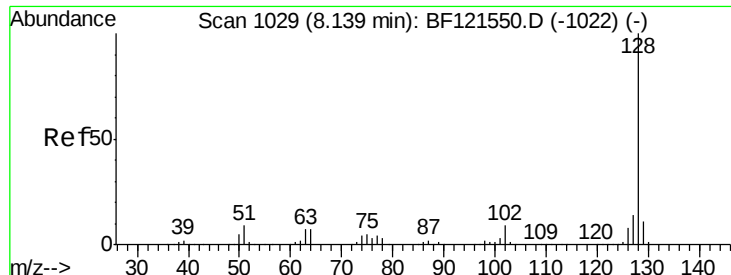
#30
 1,2,4-Trichlorobenzene
 Concen: 40.936 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	78.6	117.8
145	31.6	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

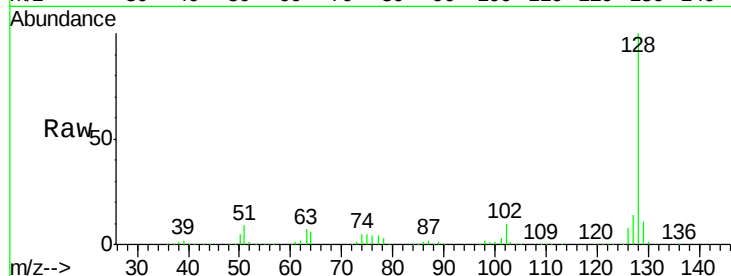




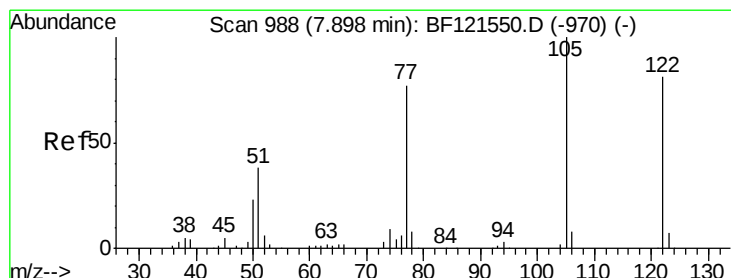
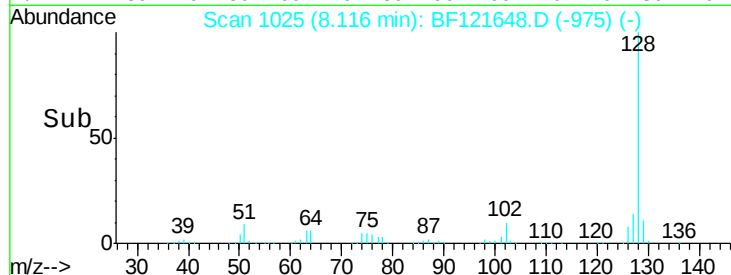
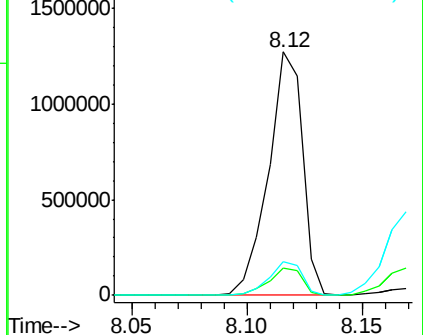
#31
Naphthalene
Concen: 40.756 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:128 Resp: 1307644
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.6 10.8 16.2

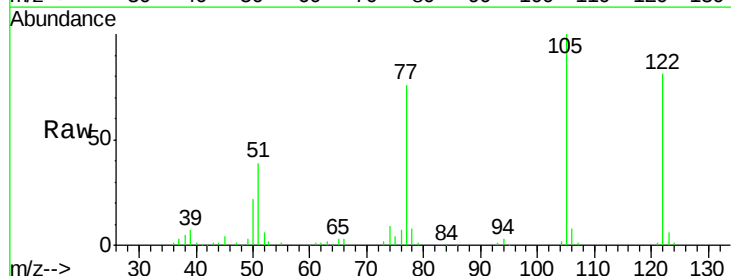


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

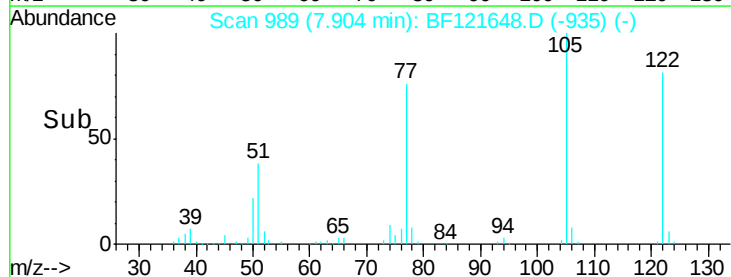
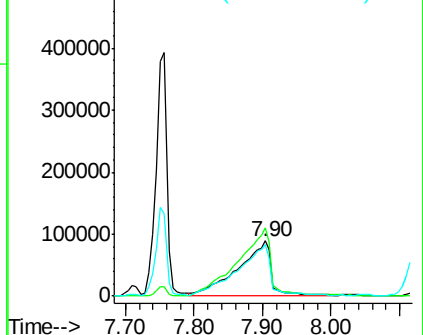


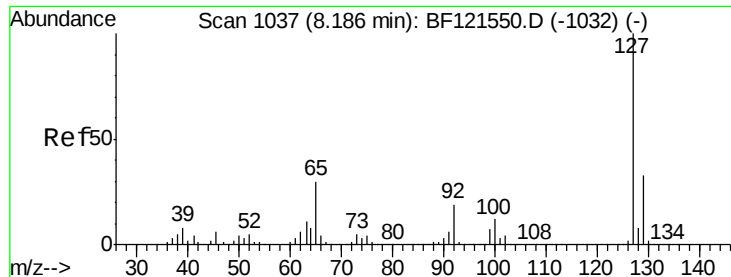
#32
Benzoic acid
Concen: 40.137 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:122 Resp: 294536
Ion Ratio Lower Upper
122 100
105 124.2 101.9 141.9
77 94.8 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

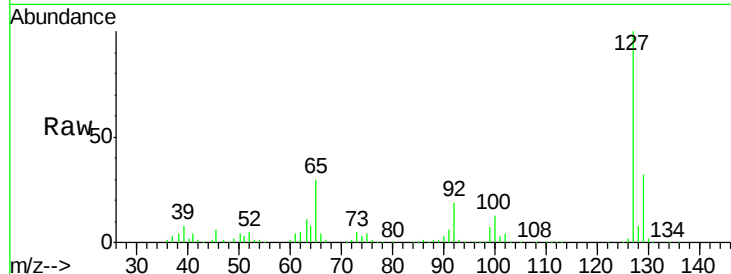




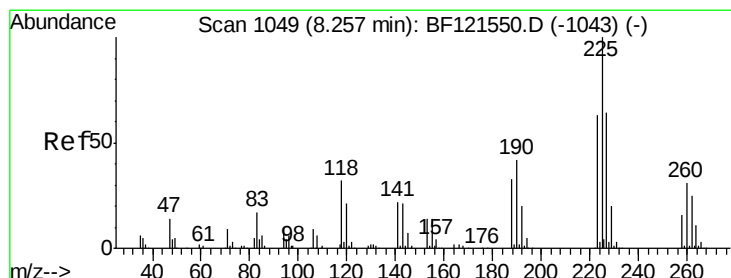
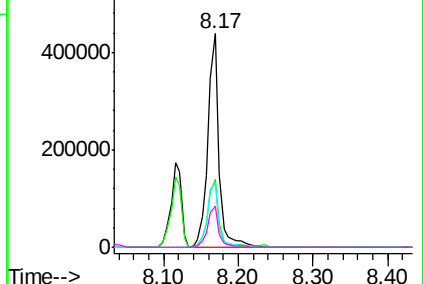
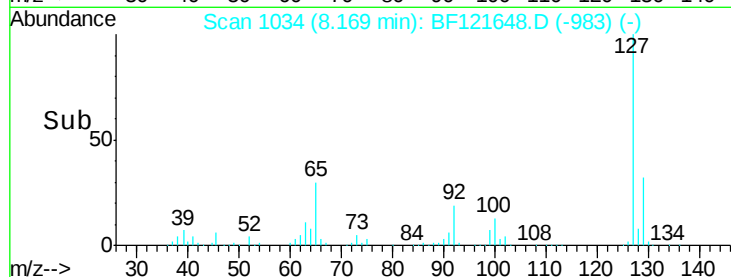
#33
4-Chloroaniline
Concen: 32.734 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:	127	Resp:	455261
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.8	38.8
65	30.3	26.3	39.5
92	19.1	16.2	24.4

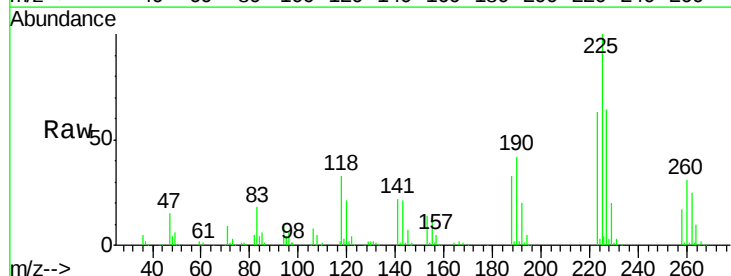


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

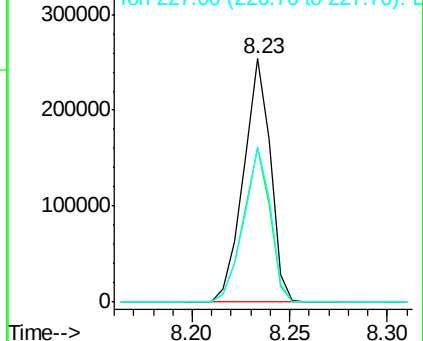
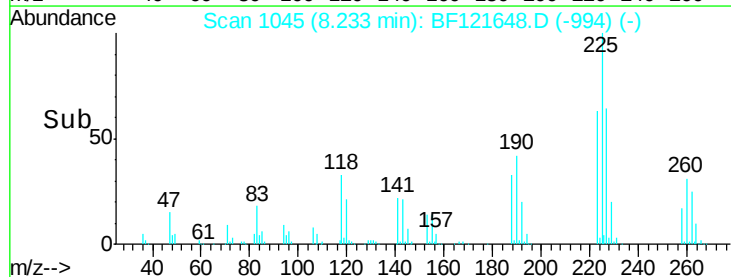


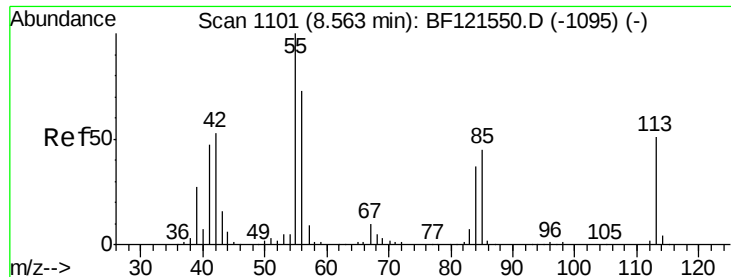
#34
Hexachlorobutadiene
Concen: 42.257 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:	225	Resp:	242018
Ion Ratio	Lower	Upper	
225	100		
223	63.3	51.4	77.2
227	63.7	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

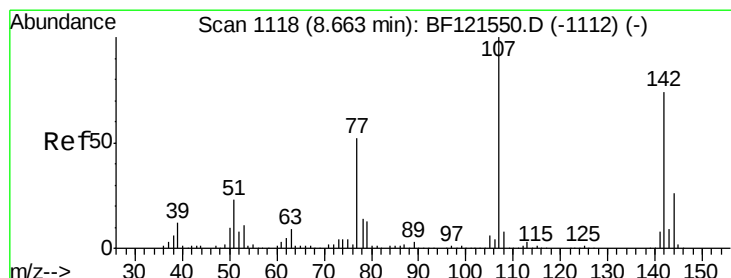
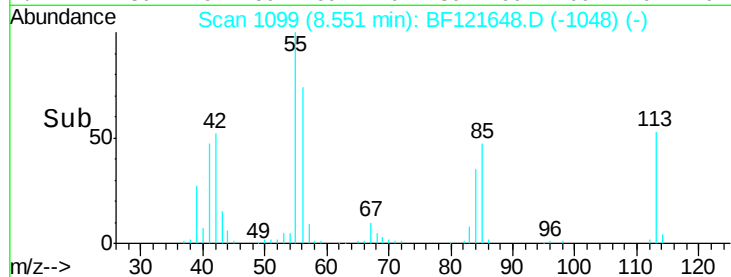
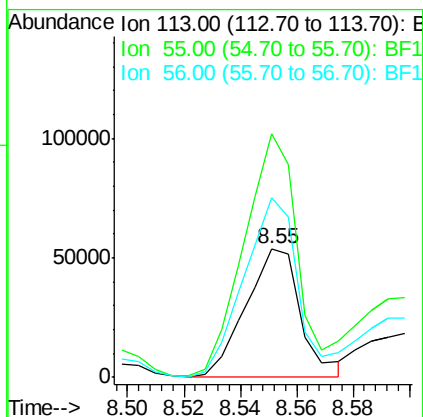
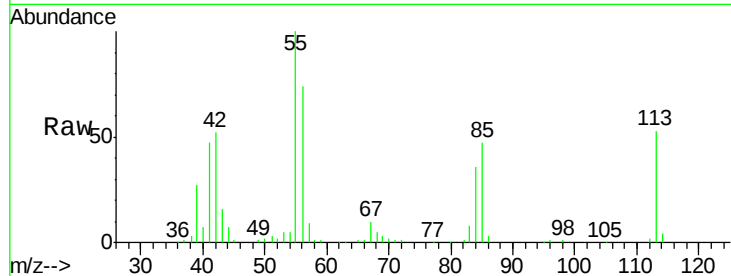




#35
 Caprolactam
 Concen: 23.627 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

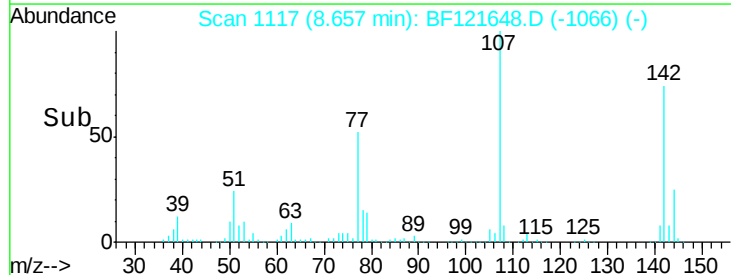
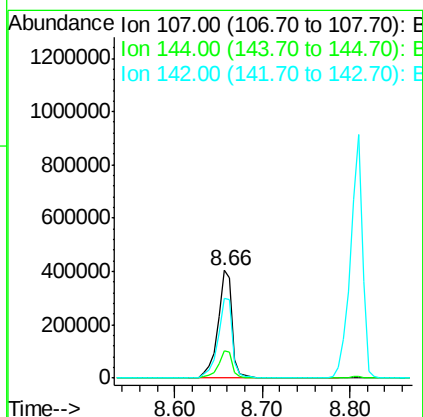
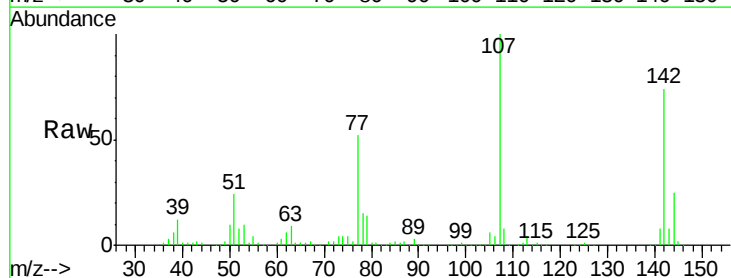
Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion:113 Resp: 72896
 Ion Ratio Lower Upper
 113 100
 55 189.0 166.3 206.3
 56 139.1 118.7 158.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.628 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:107 Resp: 455388
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 31.0
 142 74.4 61.7 92.5

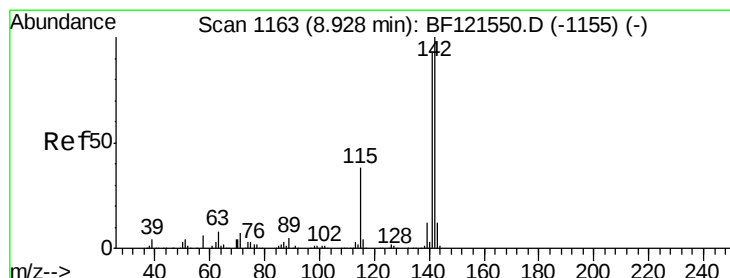
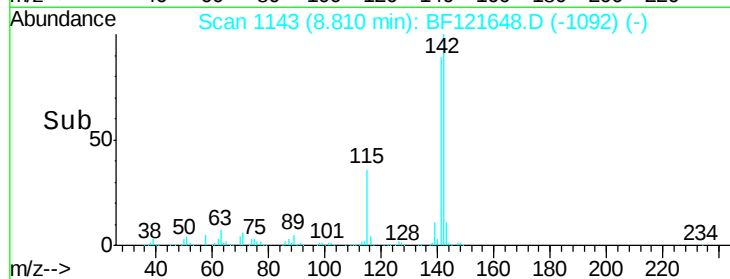
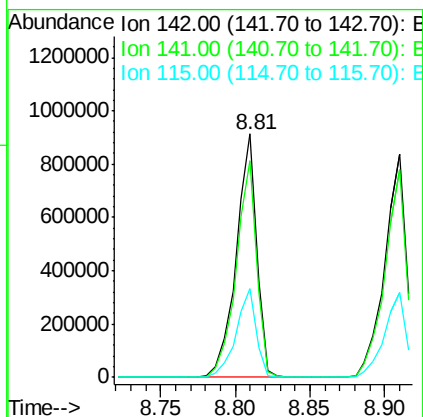
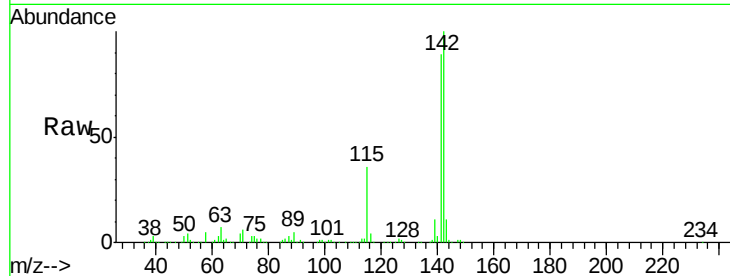




#37
2-Methylnaphthalene
Concen: 41.821 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

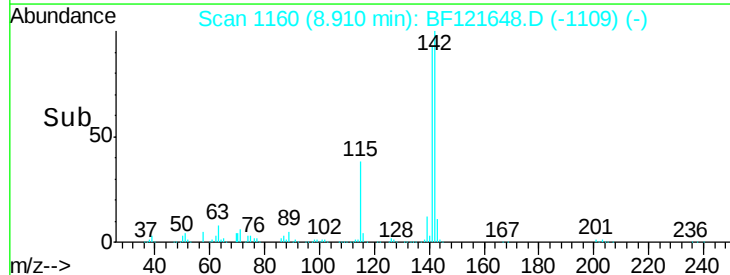
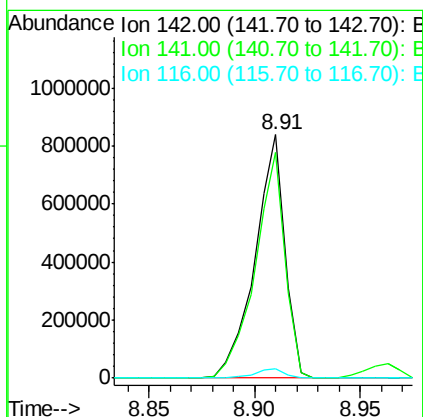
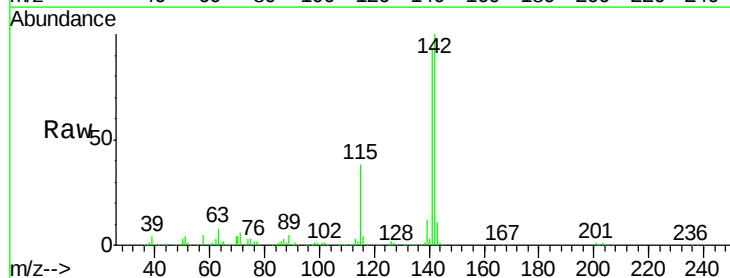
Instrument :
BNA_F
ClientSampleId :
PB131810BS

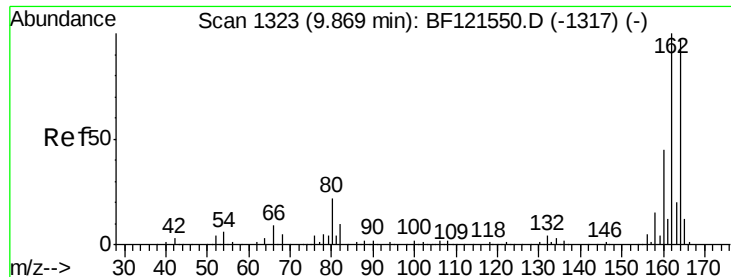
Tot Ion:142 Resp: 879352
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2
115 36.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 42.278 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:142 Resp: 827332
Ion Ratio Lower Upper
142 100
141 92.7 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: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

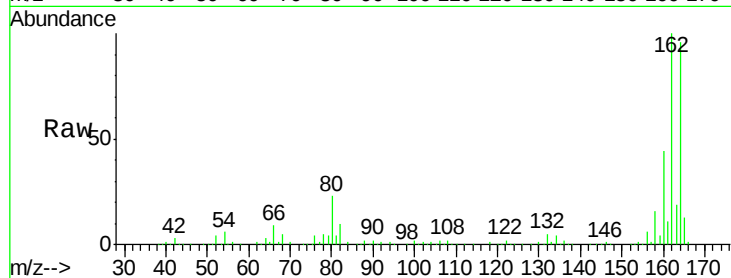
Tot Ion:164 Resp: 323620

Ion Ratio Lower Upper

164 100

162 103.8 81.2 121.8

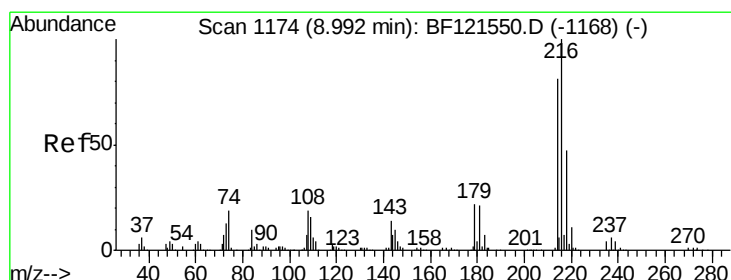
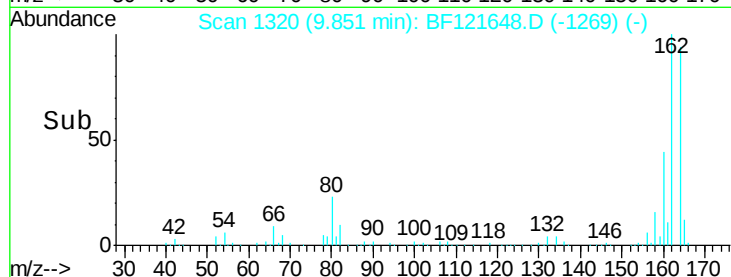
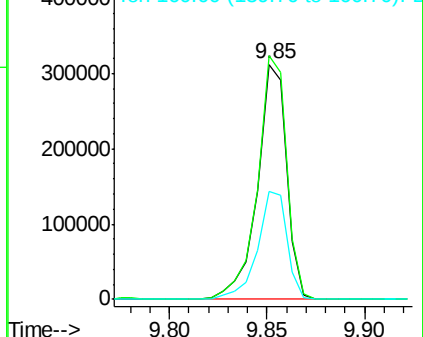
160 45.9 36.2 54.4



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: 41.290 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:216 Resp: 417396

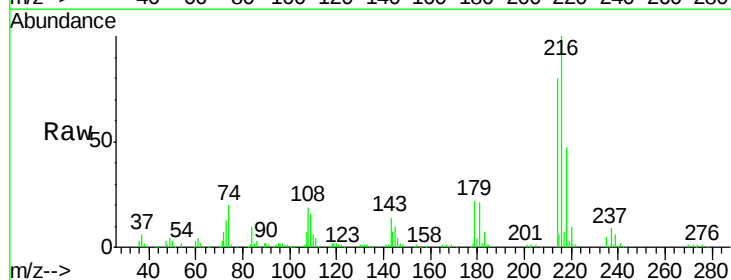
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.0 16.6 24.8

108 20.8 15.2 22.8

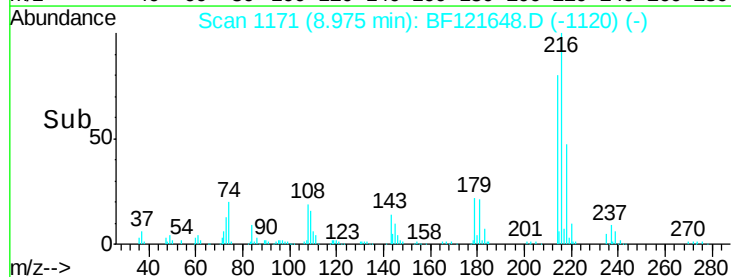
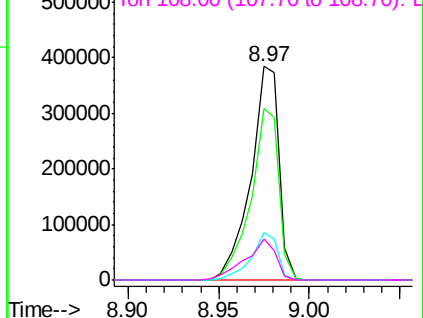


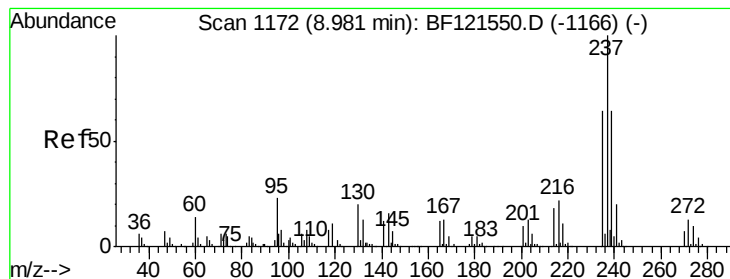
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.930 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

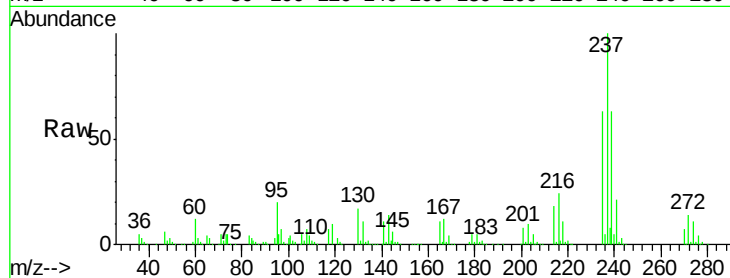
Tot Ion:237 Resp: 467202

Ion Ratio Lower Upper

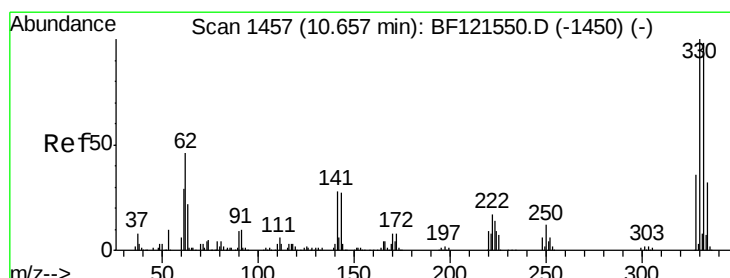
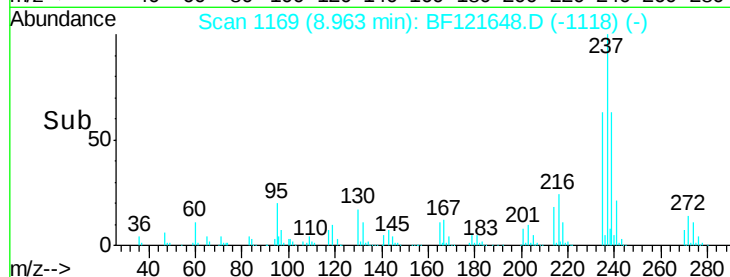
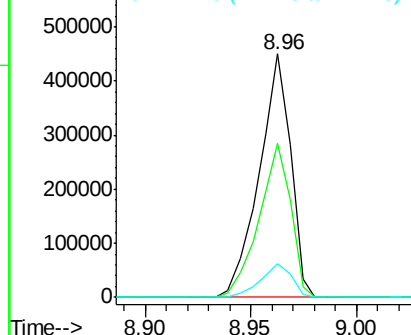
237 100

235 63.2 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: 140.646 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

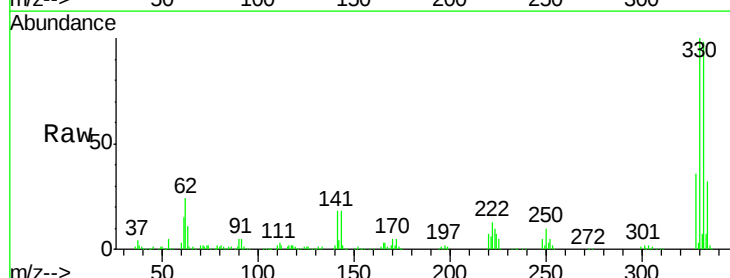
Tgt Ion:330 Resp: 565701

Ion Ratio Lower Upper

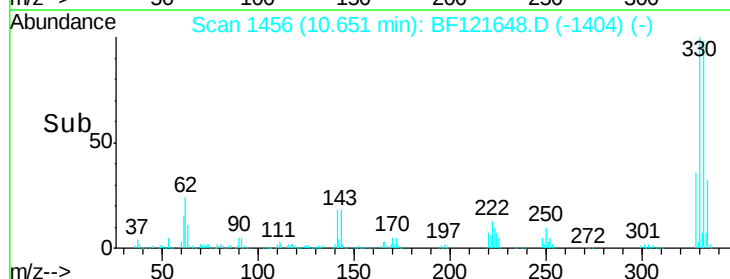
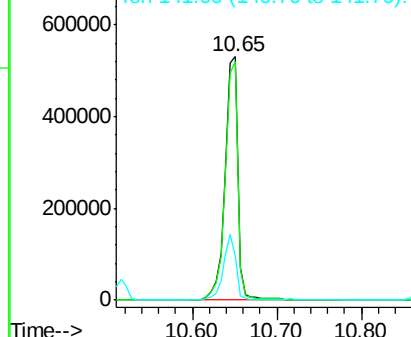
330 100

332 97.2 76.9 115.3

141 26.5 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

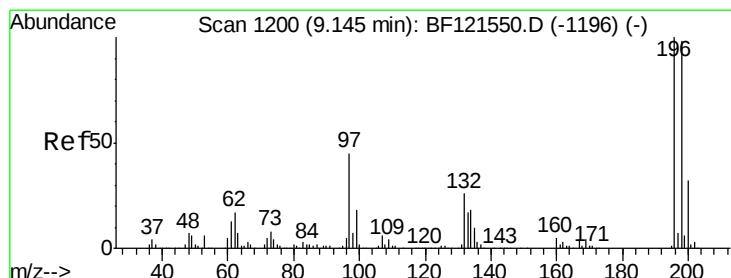
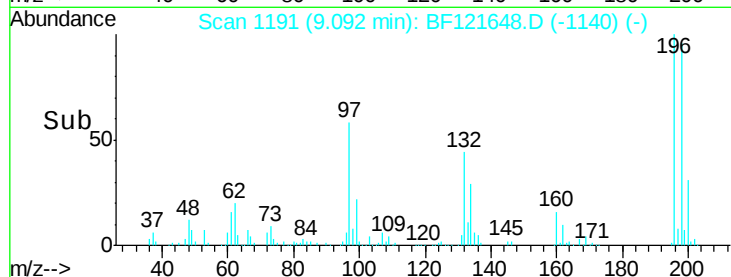
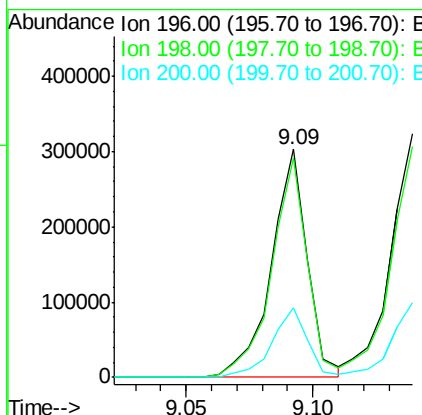
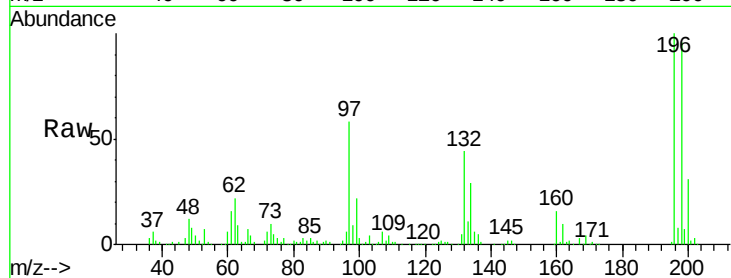




#43
 2,4,6-Trichlorophenol
 Concen: 43.631 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

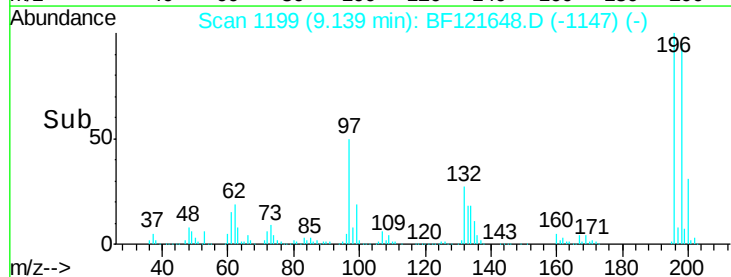
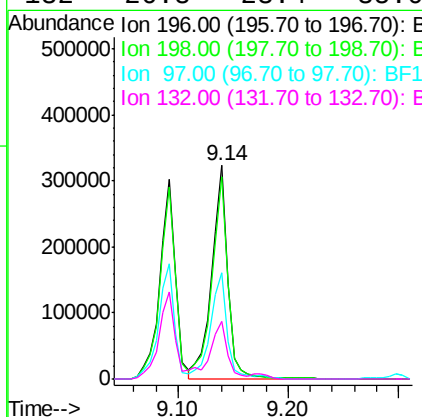
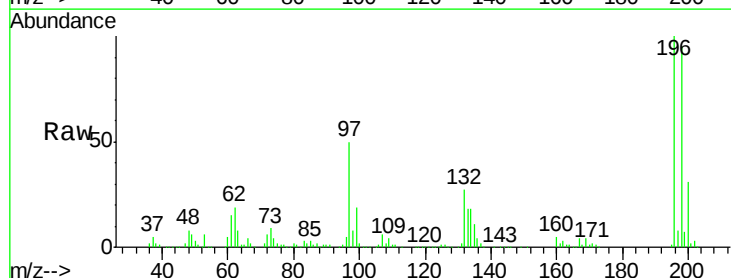
Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

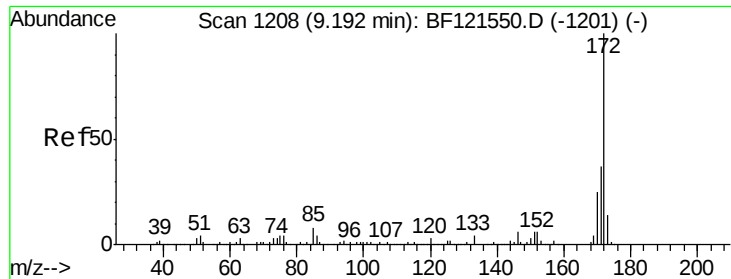
Tot Ion:196	Resp:	300635
Ion	Ratio	Lower Upper
196	100	
198	96.0	75.4 113.2
200	30.7	24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.372 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:196	Resp:	323214
Ion	Ratio	Lower Upper
196	100	
198	94.6	74.3 111.5
97	49.7	44.2 66.2
132	26.8	23.4 35.0

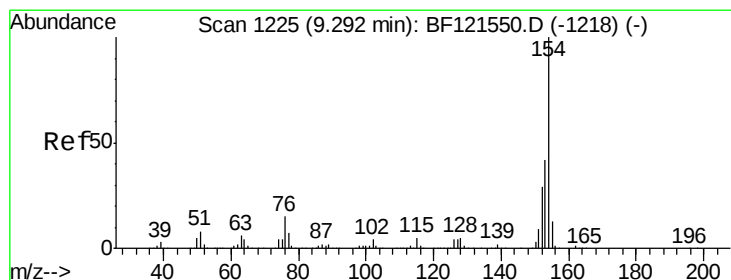
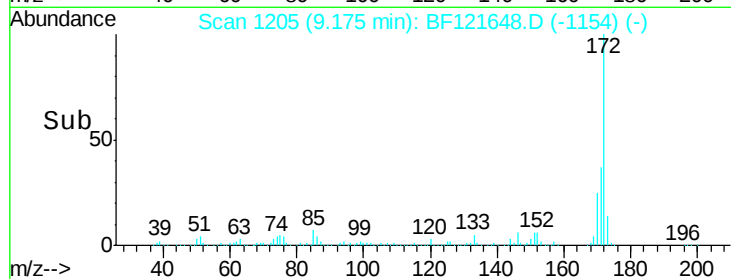
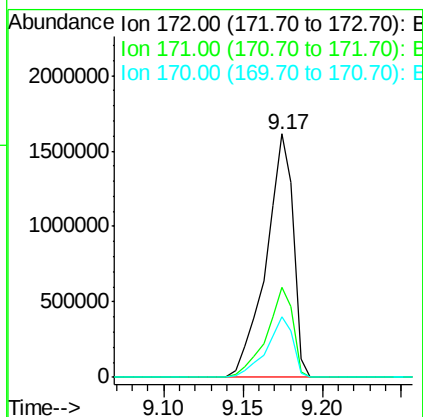
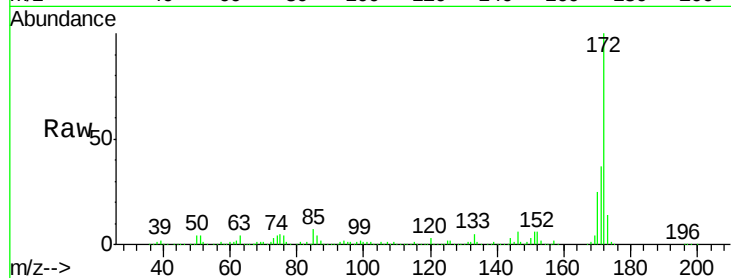




#45
2-Fluorobiphenyl
Concen: 90.354 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

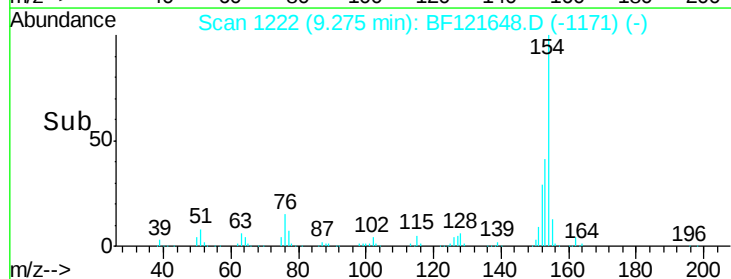
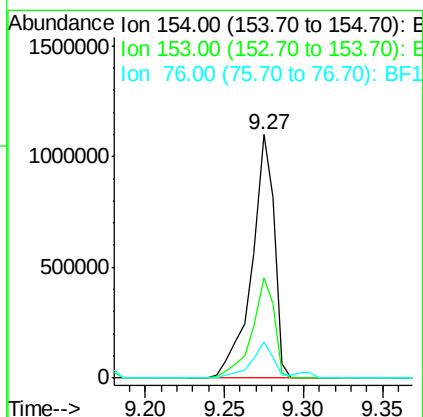
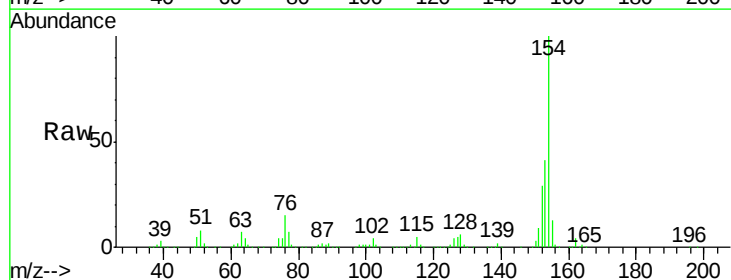
Instrument :
BNA_F
ClientSampleId :
PB131810BS

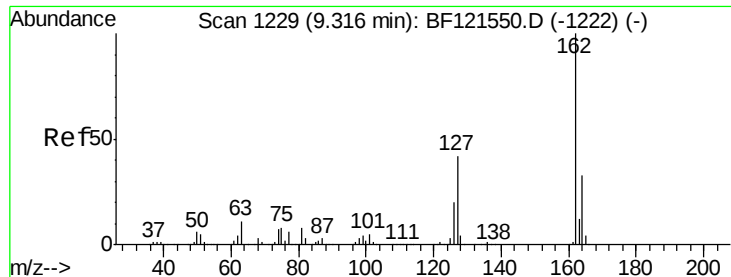
Tot Ion:172 Resp: 1930653
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 41.634 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:154 Resp: 1078648
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 14.8 0.0 34.1

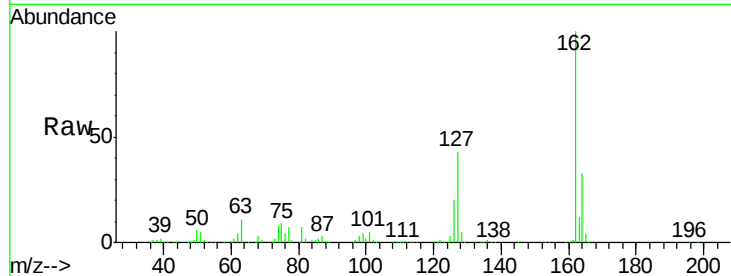




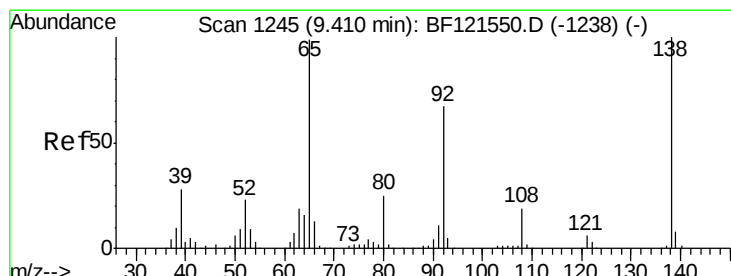
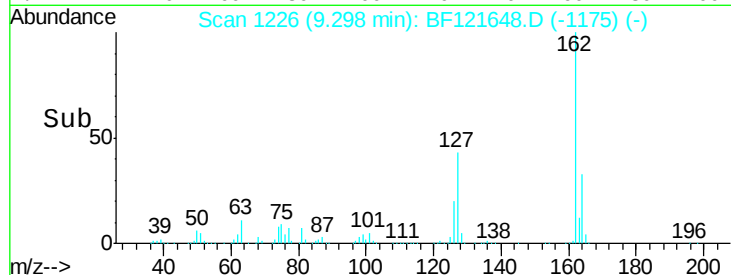
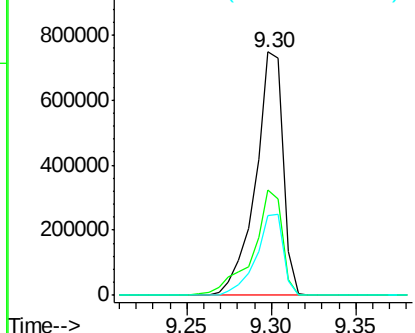
#47
 2-Chloronaphthalene
 Concen: 41.480 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleID :
 PB131810BS

Tot Ion: 162 Resp: 846854
 Ion Ratio Lower Upper
 162 100
 127 43.4 34.2 51.4
 164 33.0 27.0 40.4

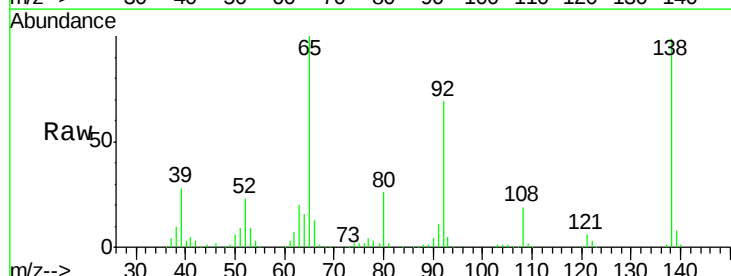


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

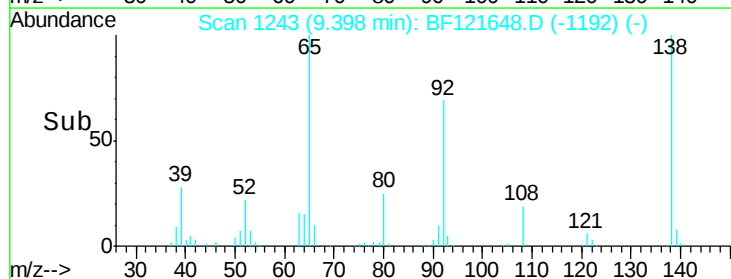
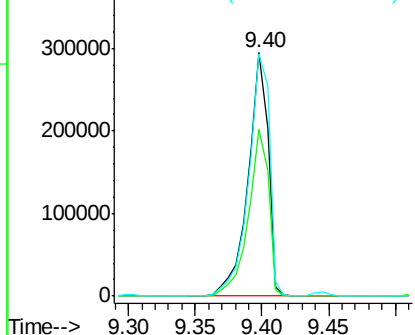


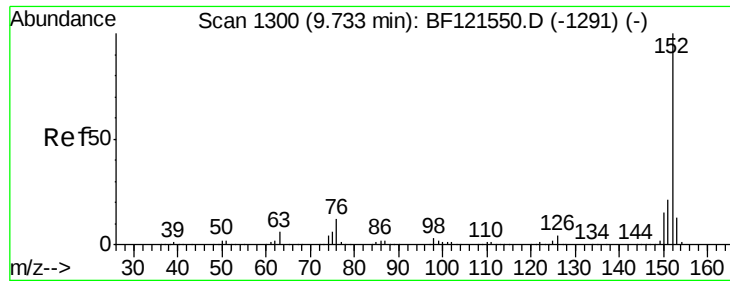
#48
 2-Nitroaniline
 Concen: 47.613 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion: 65 Resp: 302074
 Ion Ratio Lower Upper
 65 100
 92 68.7 56.0 84.0
 138 99.3 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





#49

Acenaphthylene

Concen: 42.838 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

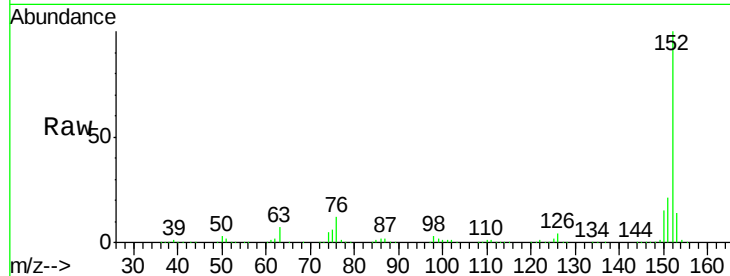
Tot Ion:152 Resp: 1343765

Ion Ratio Lower Upper

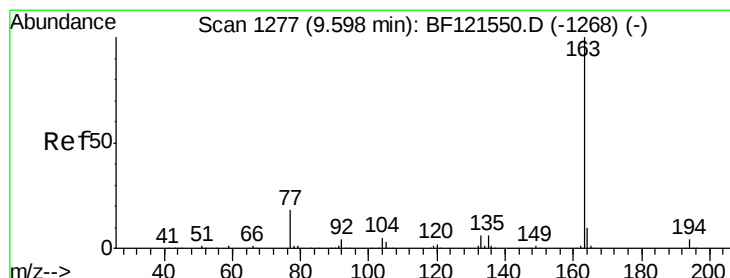
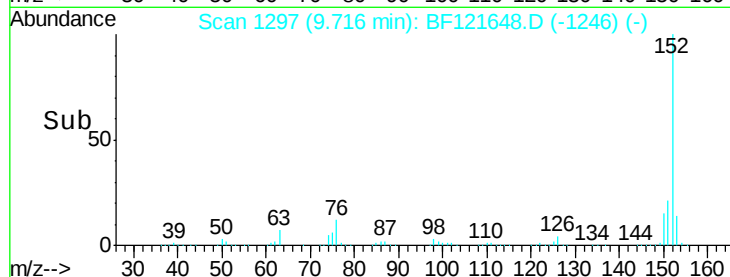
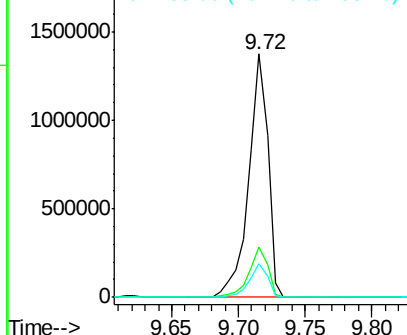
152 100

151 20.8 16.3 24.5

153 13.7 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: 44.999 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

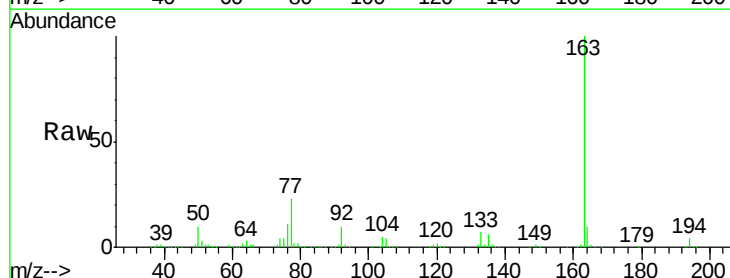
Tgt Ion:163 Resp: 1055483

Ion Ratio Lower Upper

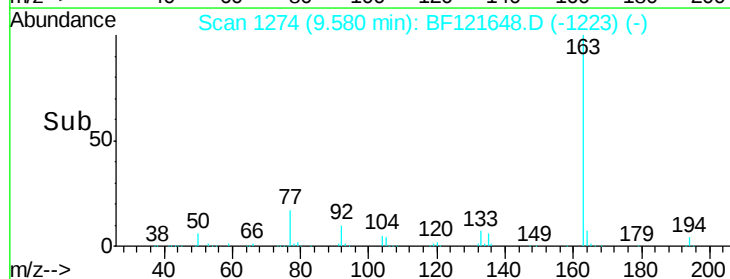
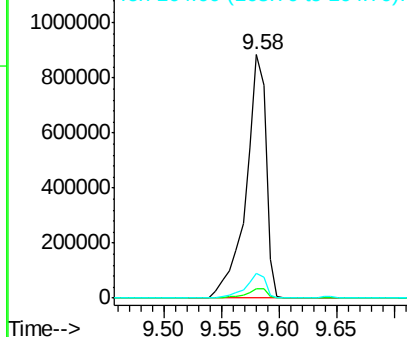
163 100

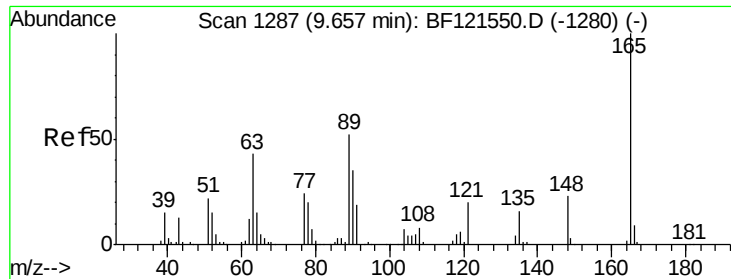
194 4.1 3.3 4.9

164 10.4 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: 47.751 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

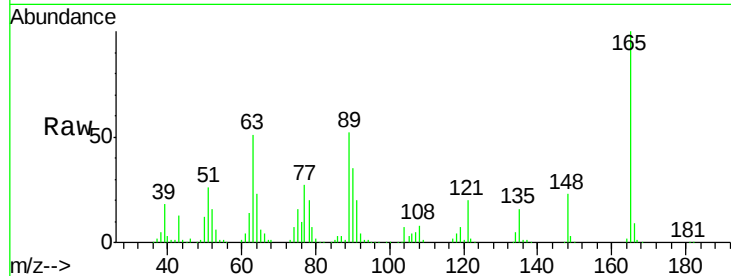
Tot Ion:165 Resp: 238529

Ion Ratio Lower Upper

165 100

63 51.2 47.6 71.4

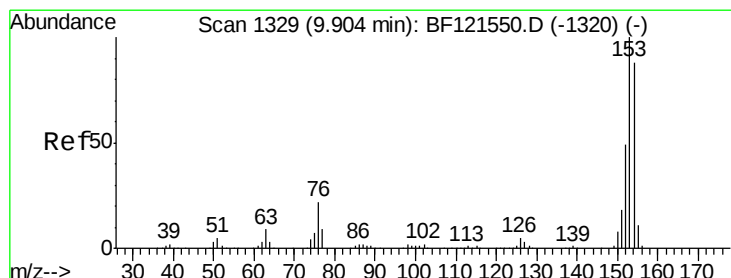
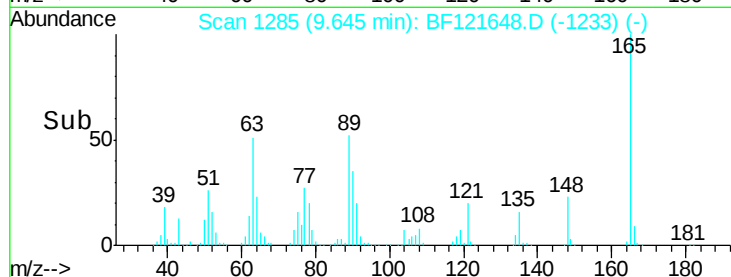
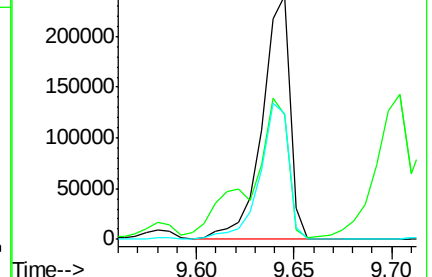
89 51.9 46.0 69.0



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: 40.065 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

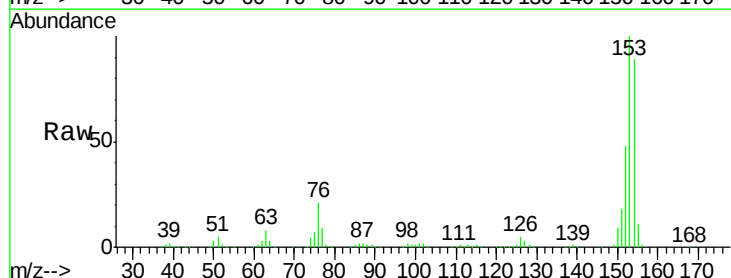
Tgt Ion:154 Resp: 793801

Ion Ratio Lower Upper

154 100

153 112.9 89.9 134.9

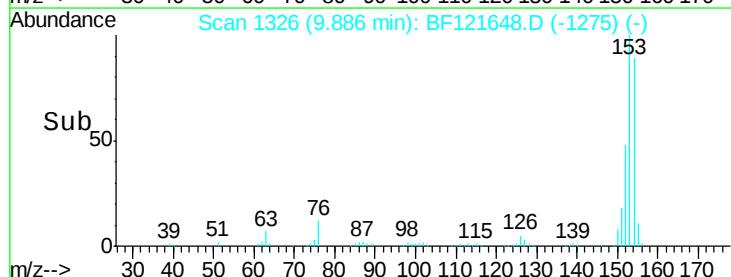
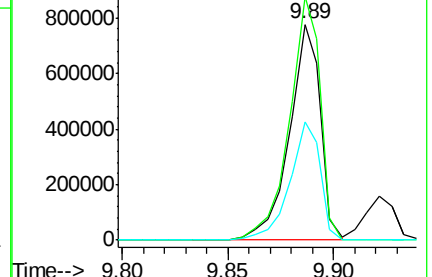
152 54.7 43.8 65.6

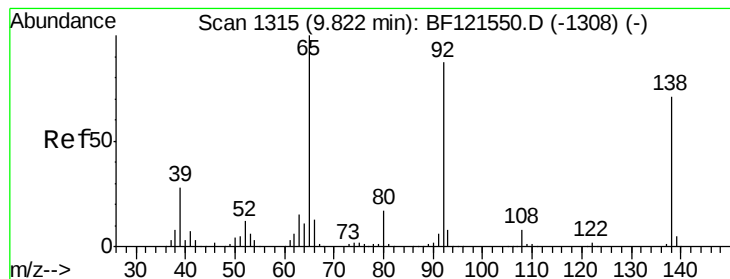


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.548 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

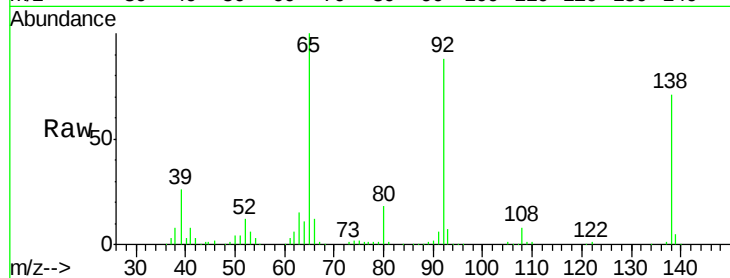
Tot Ion:138 Resp: 194131

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

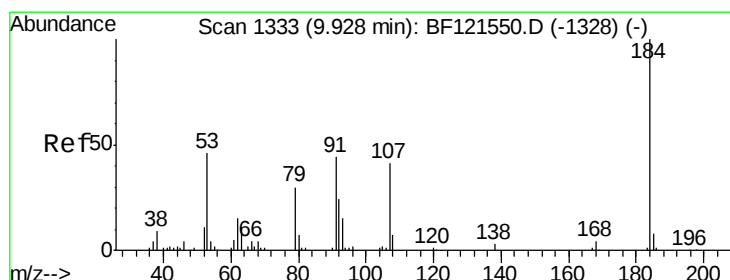
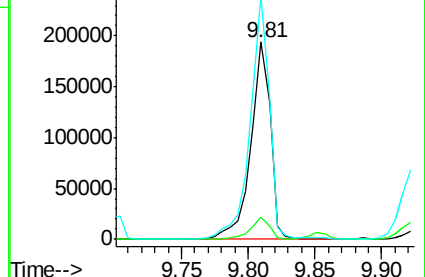
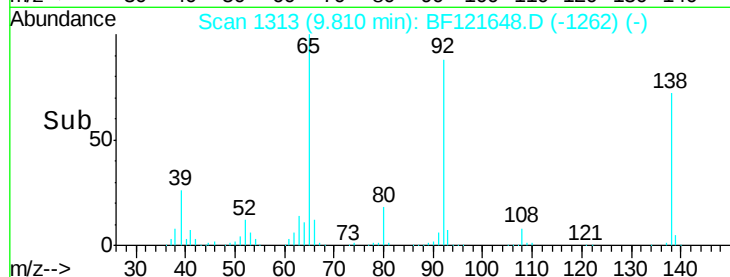
92 123.6 96.5 144.7



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: 97.089 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

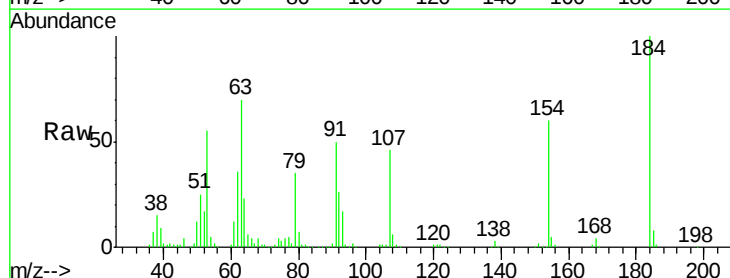
Tgt Ion:184 Resp: 286002

Ion Ratio Lower Upper

184 100

63 69.8 51.5 77.3

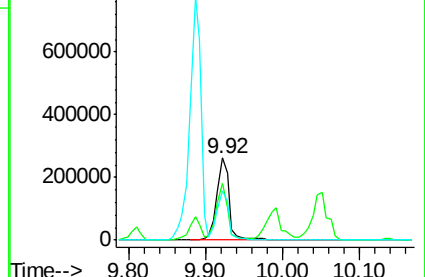
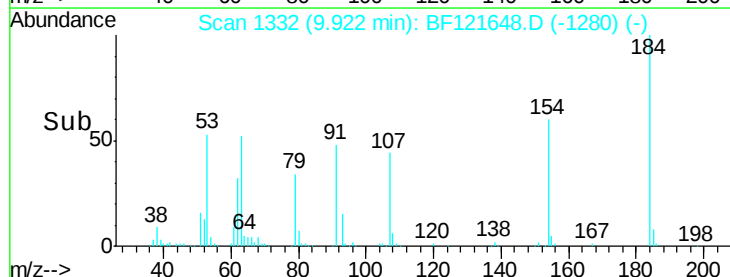
154 60.1 46.6 70.0



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

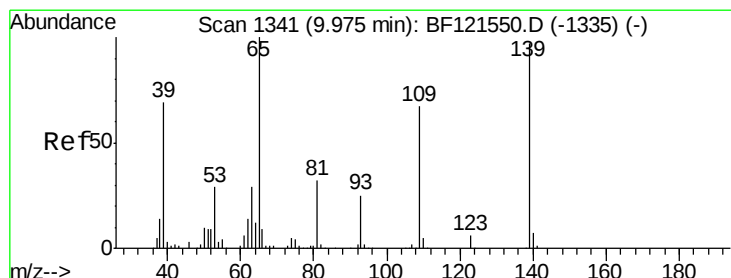
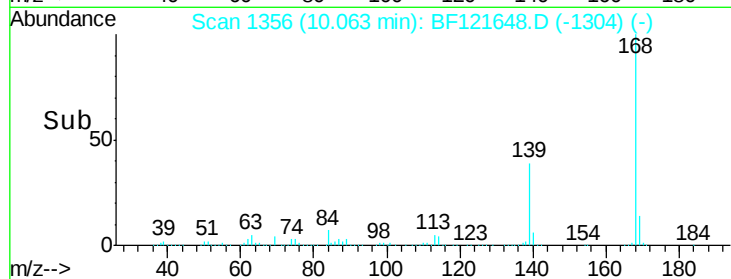
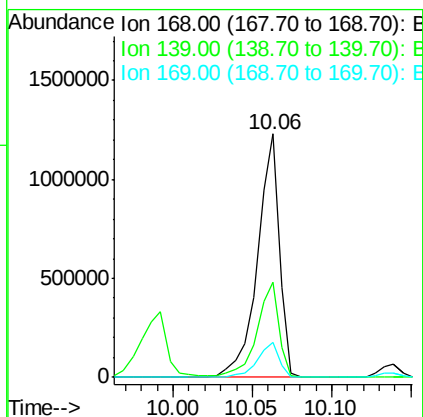
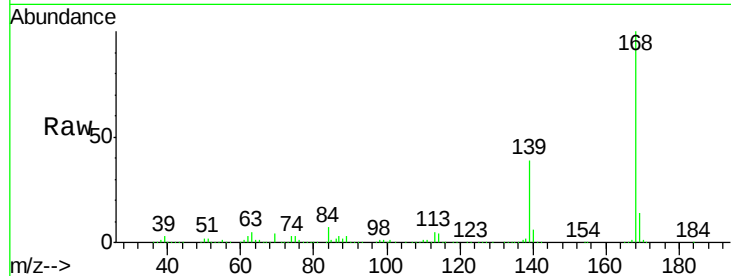




#55
Dibenzofuran
Concen: 42.546 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

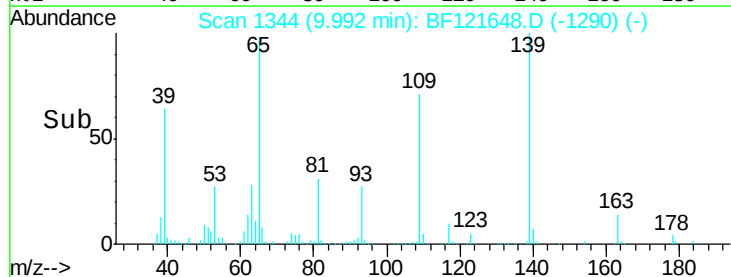
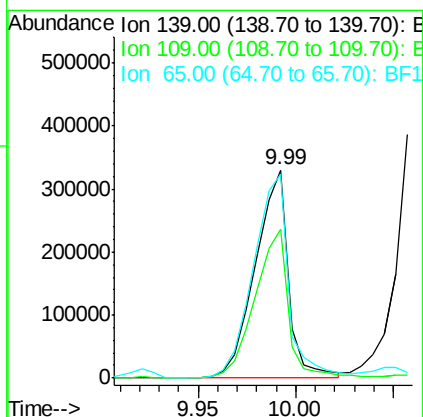
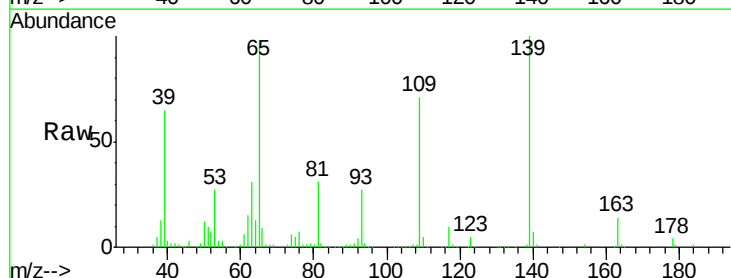
Instrument :
BNA_F
ClientSampleId :
PB131810BS

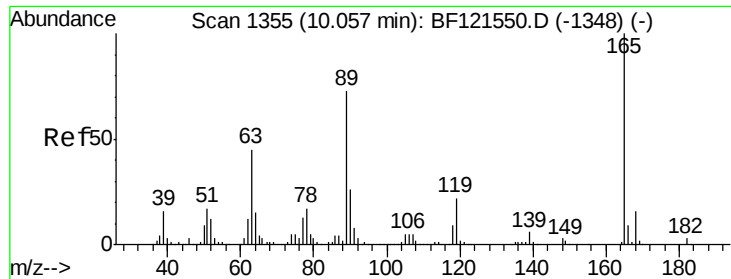
Tot Ion:168 Resp: 1187112
Ion Ratio Lower Upper
168 100
139 39.2 31.8 47.8
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 84.332 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:139 Resp: 389179
Ion Ratio Lower Upper
139 100
109 71.5 48.1 88.1
65 98.3 74.7 114.7

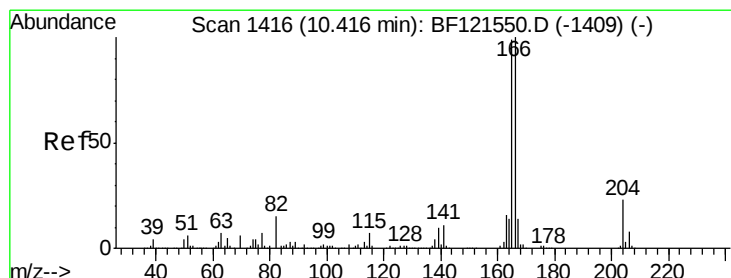
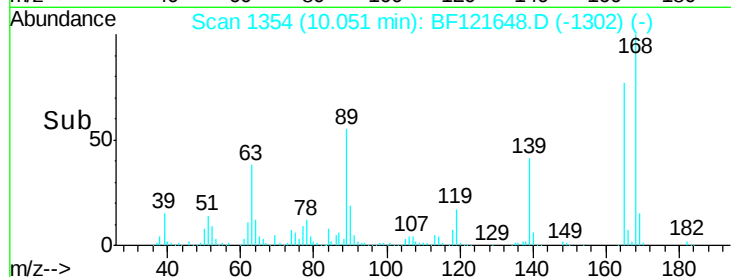
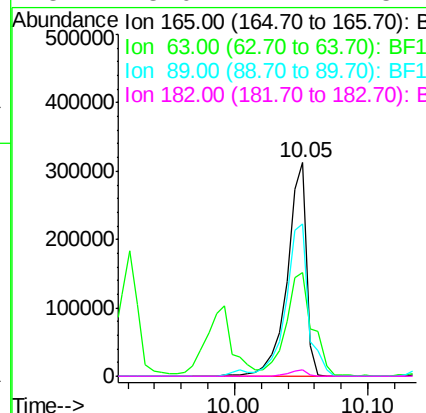
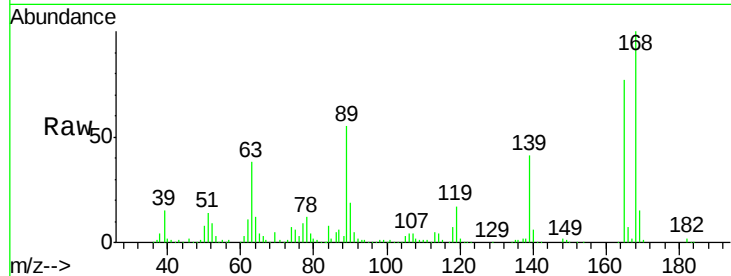




#57
2,4-Dinitrotoluene
Concen: 50.267 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

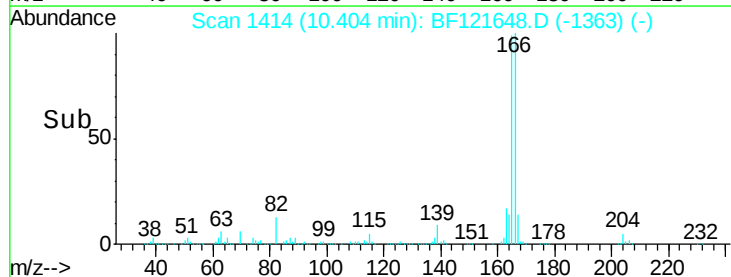
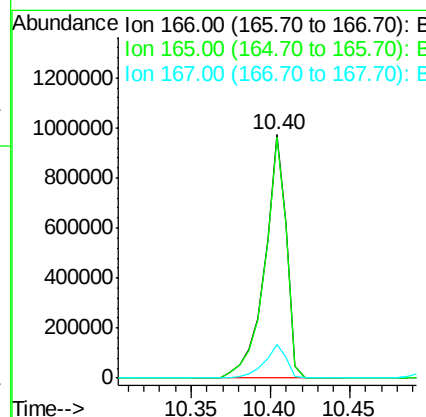
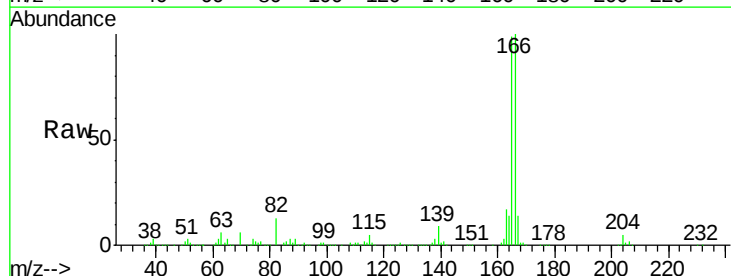
Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:165 Resp: 315893
Ion Ratio Lower Upper
165 100
63 48.5 36.7 55.1
89 71.3 57.7 86.5
182 3.0 2.1 3.1



#58
Fluorene
Concen: 43.446 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:166 Resp: 927026
Ion Ratio Lower Upper
166 100
165 99.2 80.1 120.1
167 13.7 10.8 16.2

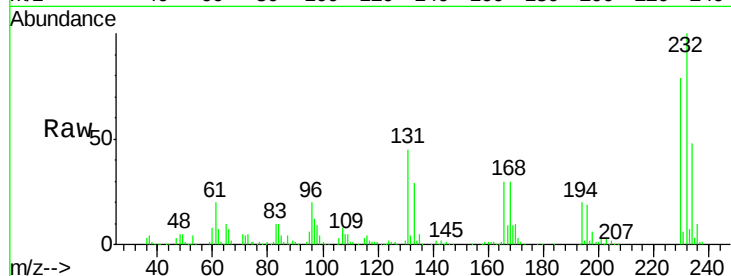




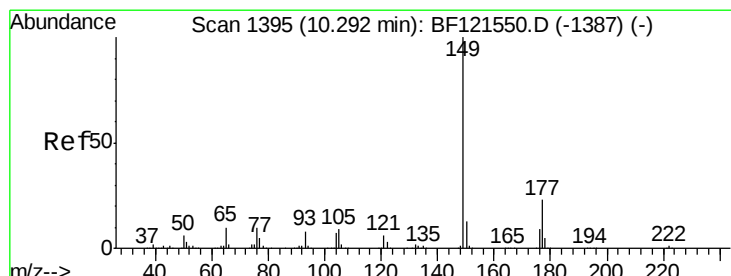
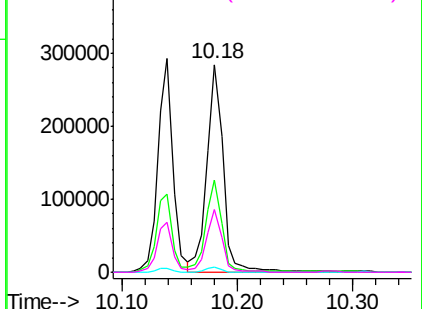
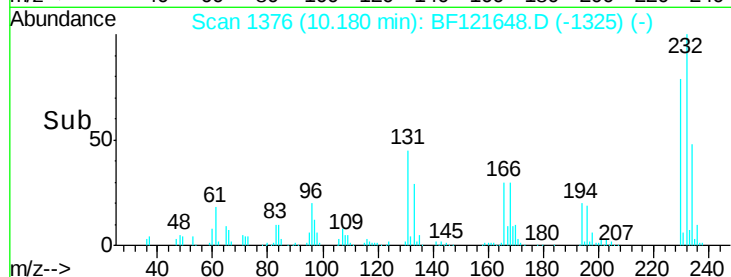
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.117 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion:232 Resp: 279016
 Ion Ratio Lower Upper
 232 100
 131 44.2 35.1 52.7
 130 2.2 1.6 2.4
 166 28.5 23.3 34.9

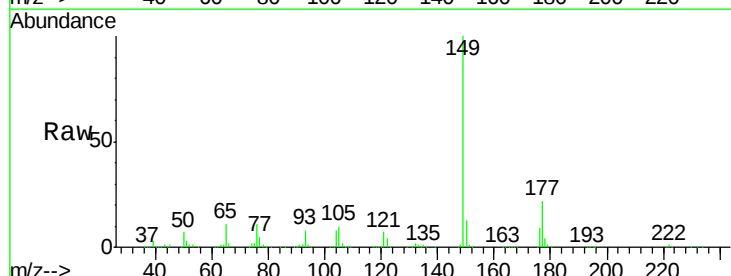


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

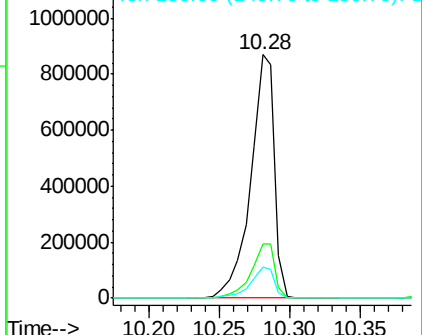
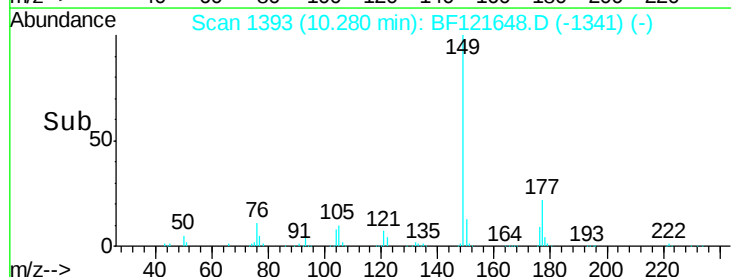


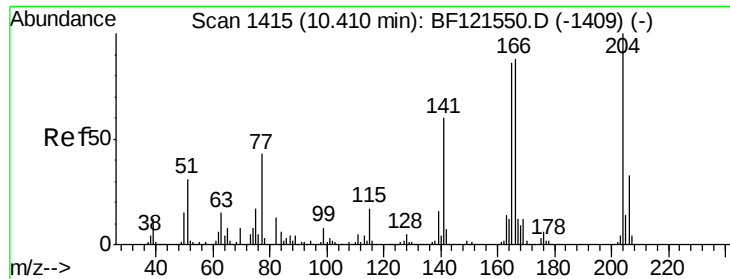
#60
 Diethylphthalate
 Concen: 44.816 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:149 Resp: 1024888
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.1 27.1
 150 12.9 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

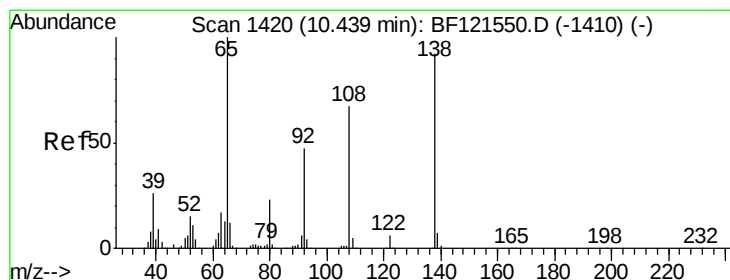
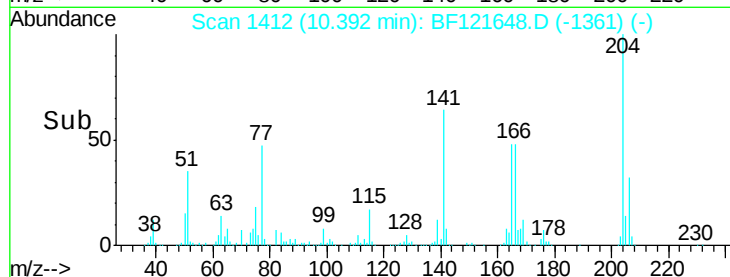
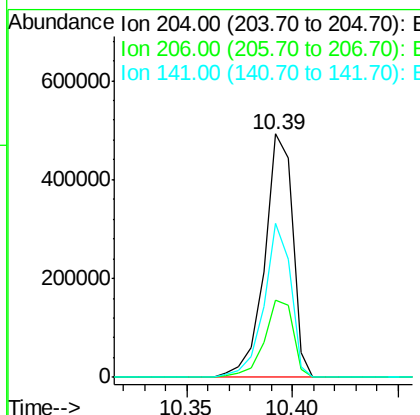
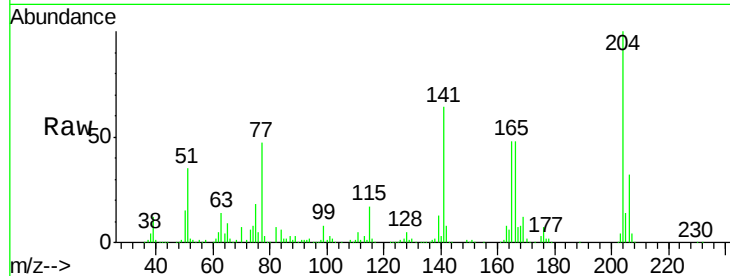




#61
 4-Chlorophenyl-phenylether
 Concen: 44.650 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

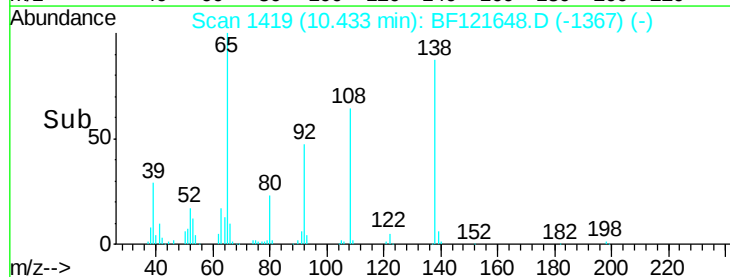
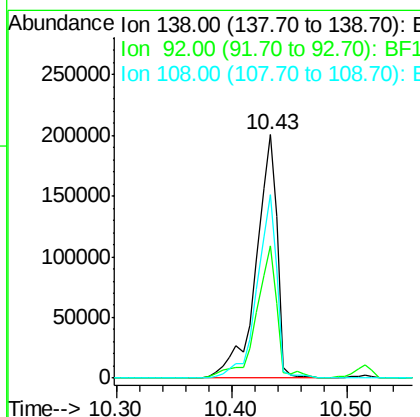
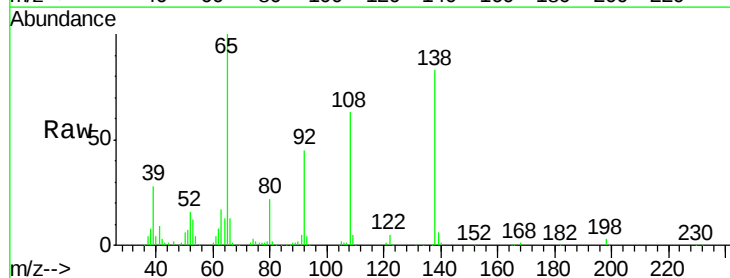
Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

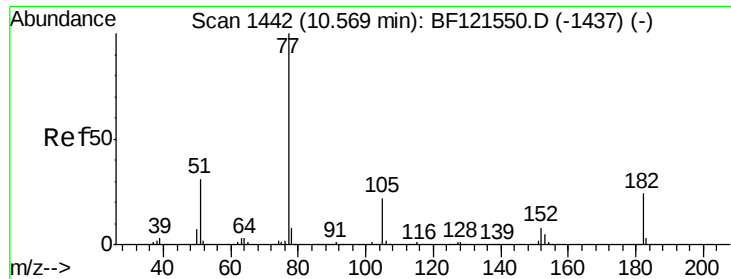
Tot Ion:204 Resp: 456382
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.7 40.1
 141 63.5 50.4 75.6



#62
 4-Nitroaniline
 Concen: 44.922 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:138 Resp: 258102
 Ion Ratio Lower Upper
 138 100
 92 54.3 34.8 74.8
 108 75.2 55.5 95.5





#63

Azobenzene

Concen: 42.349 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

Tot Ion: 77 Resp: 1031331

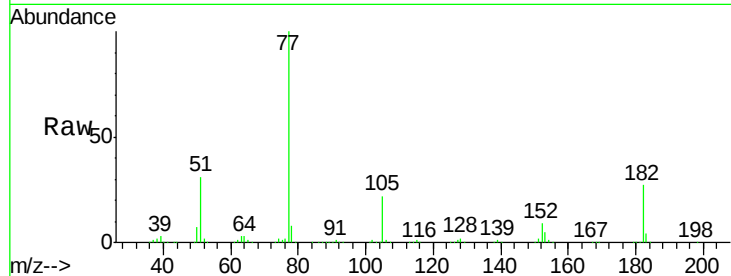
Ion Ratio Lower Upper

77 100

182 26.8 6.8 46.8

105 22.1 2.2 42.2

51 31.0 10.7 50.7

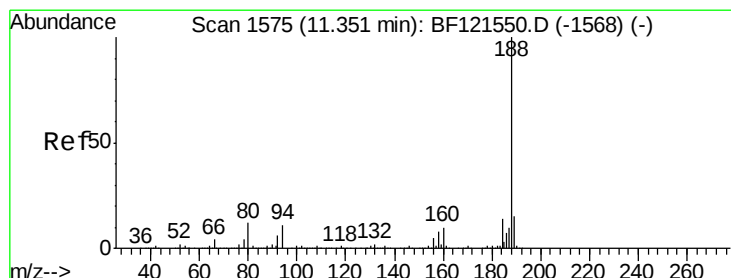
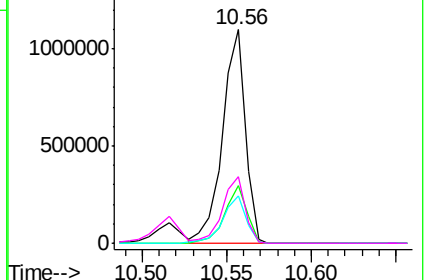
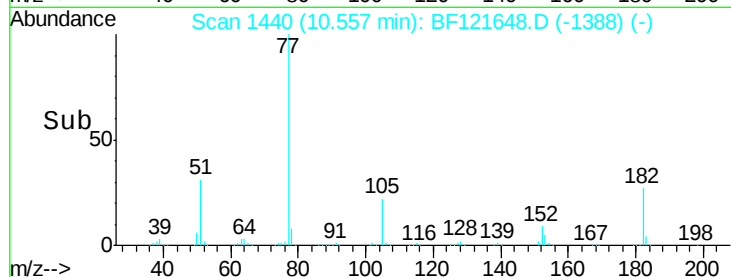


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF121648.D

Acq: 22 Sep 2020 19:20

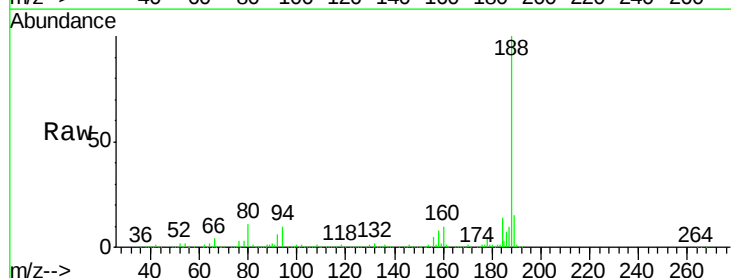
Tgt Ion: 188 Resp: 617771

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

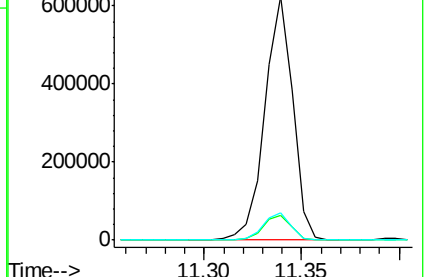
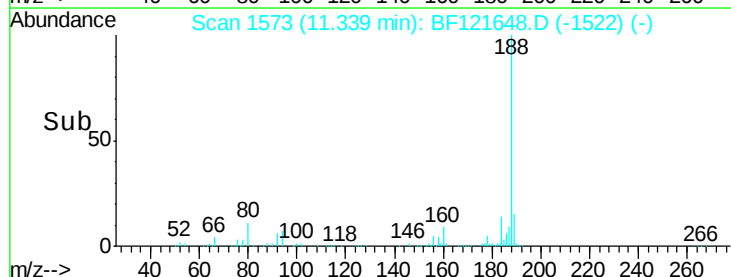
80 11.5 9.0 13.4

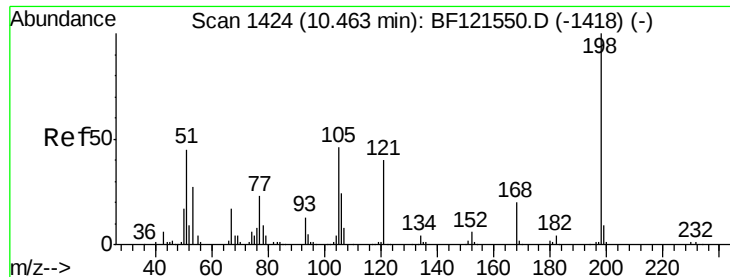


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

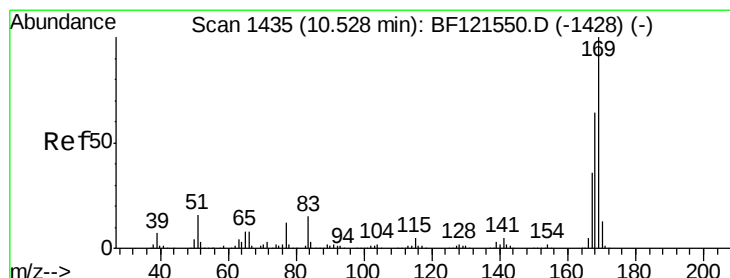
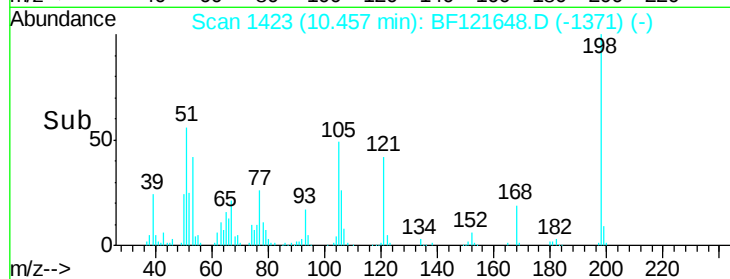
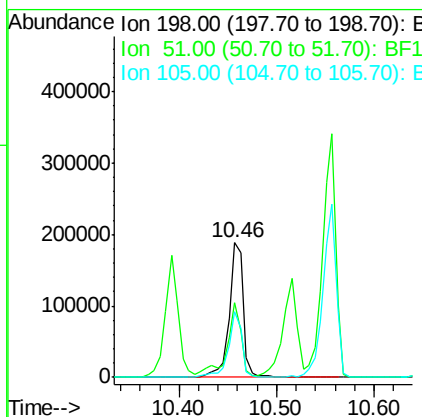
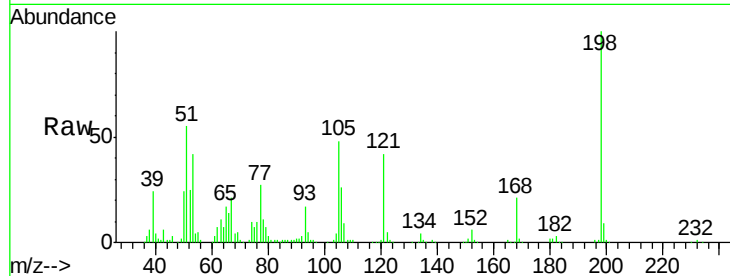




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.583 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

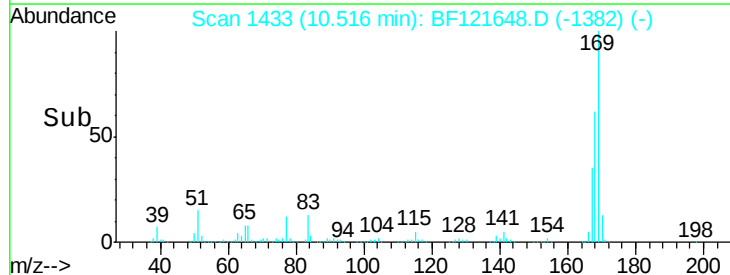
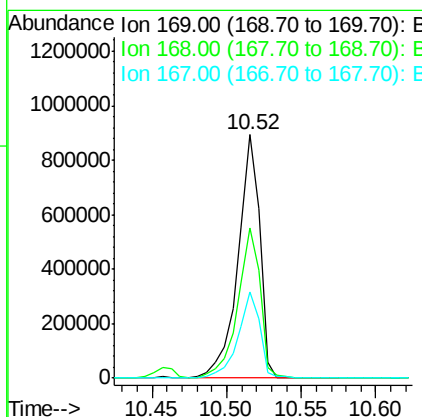
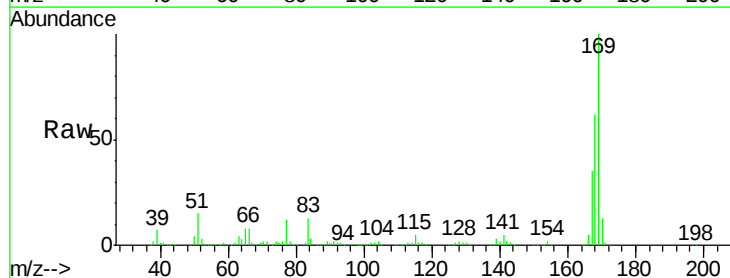
Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

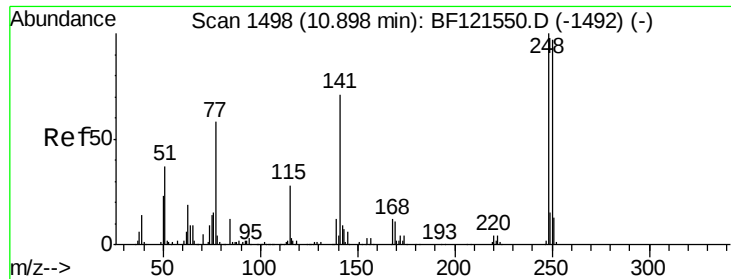
Tot Ion:198 Resp: 188962
 Ion Ratio Lower Upper
 198 100
 51 55.5 20.3 60.3
 105 48.5 20.2 60.2



#66
 n-Nitrosodiphenylamine
 Concen: 42.954 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:169 Resp: 910384
 Ion Ratio Lower Upper
 169 100
 168 61.8 51.8 77.8
 167 35.3 28.4 42.6

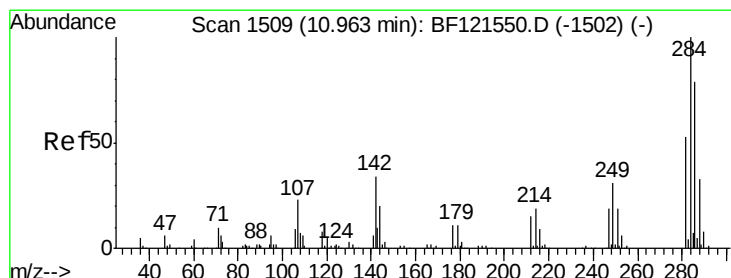
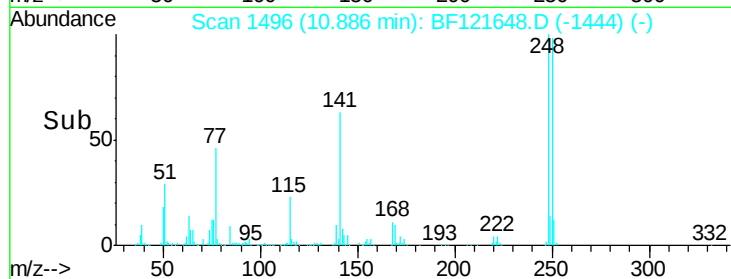
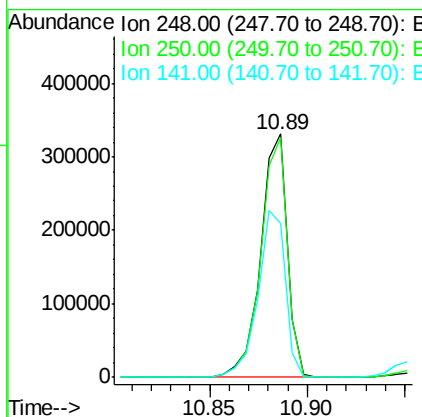
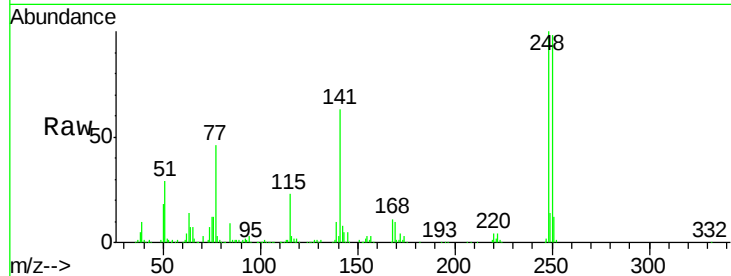




#67
4-Bromophenyl-phenylether
Concen: 44.442 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

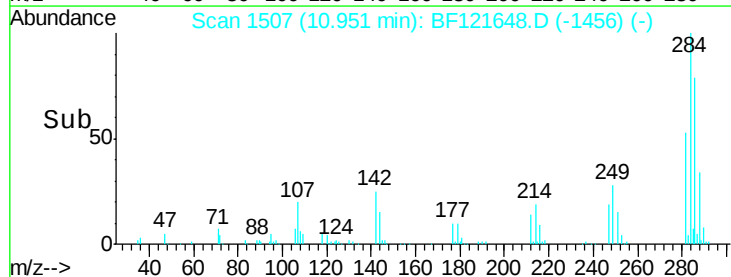
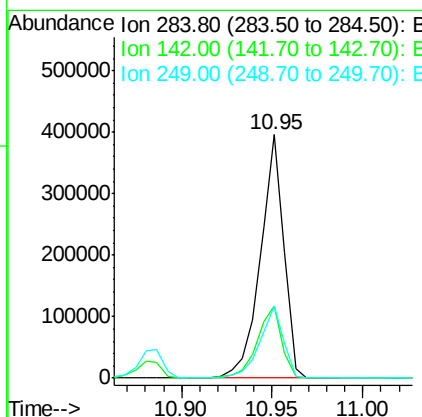
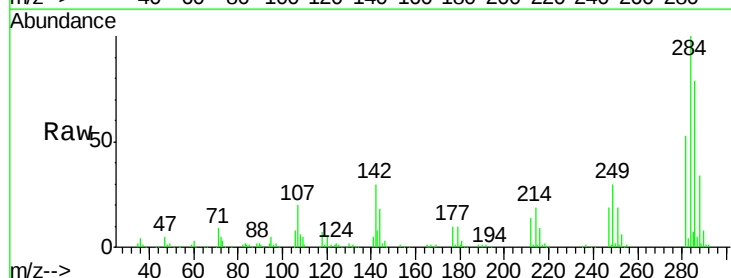
Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:248 Resp: 312588
Ion Ratio Lower Upper
248 100
250 98.5 79.4 119.0
141 63.0 52.2 78.4



#68
Hexachlorobenzene
Concen: 44.786 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:284 Resp: 355494
Ion Ratio Lower Upper
284 100
142 29.6 24.0 36.0
249 29.8 23.9 35.9





#69

Atrazine

Concen: 42.687 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

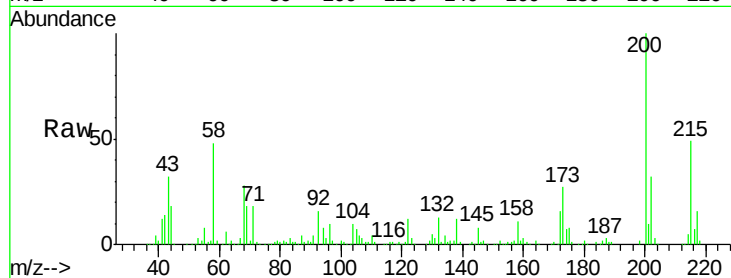
Tot Ion:200 Resp: 224774

Ion Ratio Lower Upper

200 100

173 27.0 6.0 46.0

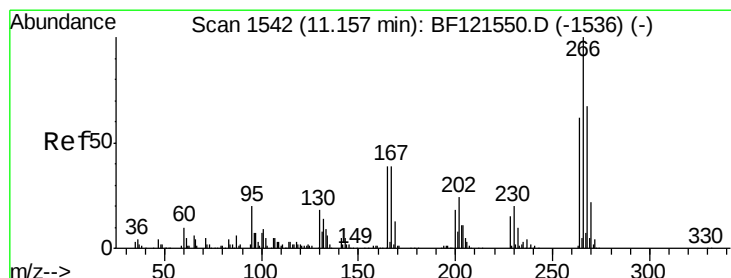
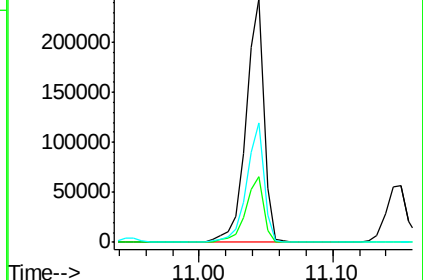
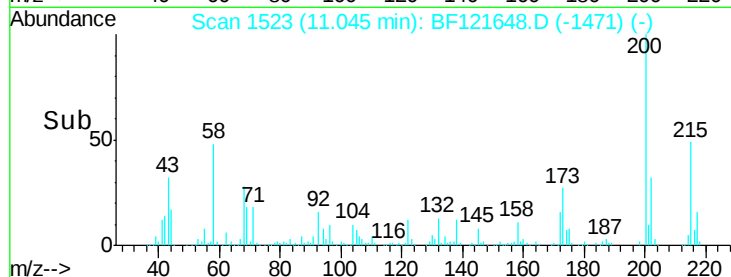
215 49.1 28.4 68.4



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: 87.549 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

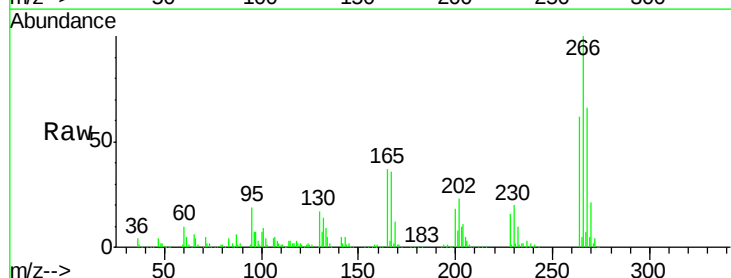
Tgt Ion:266 Resp: 381647

Ion Ratio Lower Upper

266 100

268 66.1 54.6 81.8

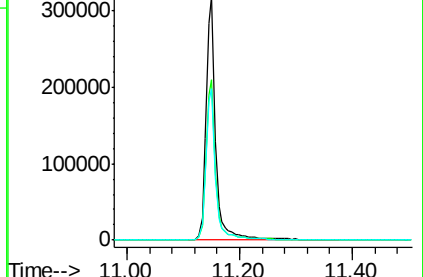
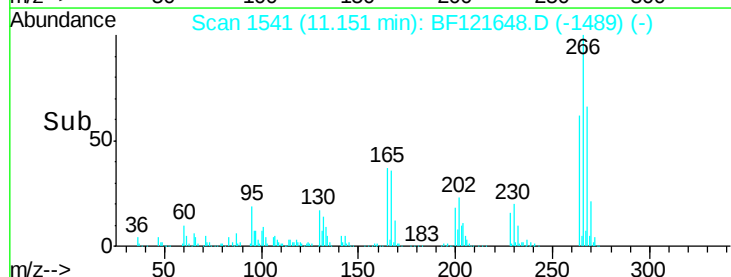
264 62.1 51.1 76.7



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

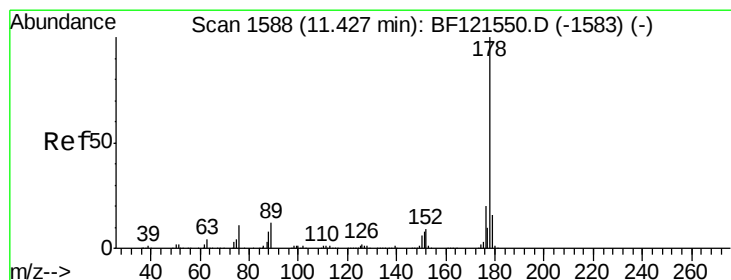
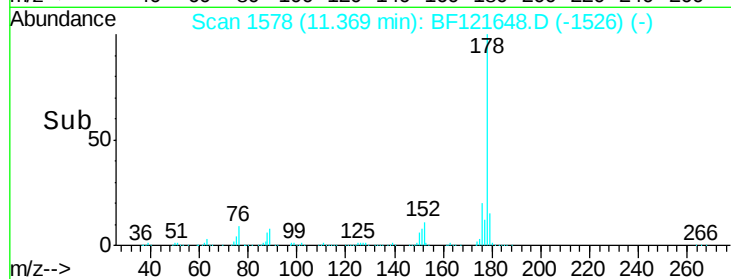
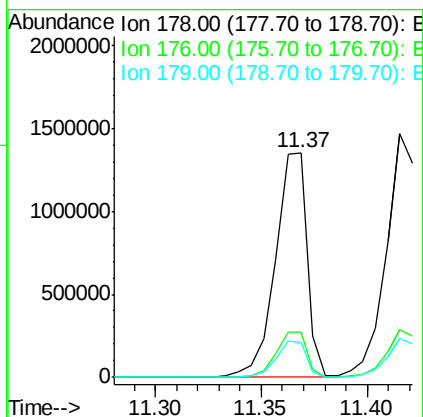
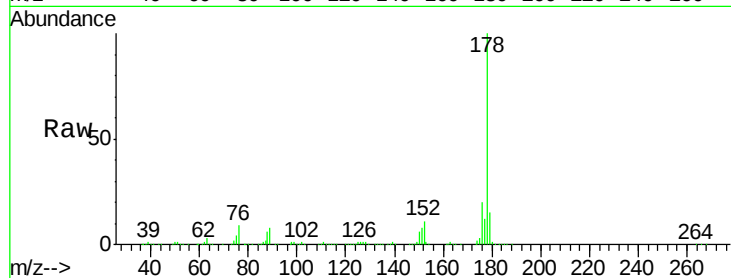




#71
Phenanthrene
Concen: 42.262 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

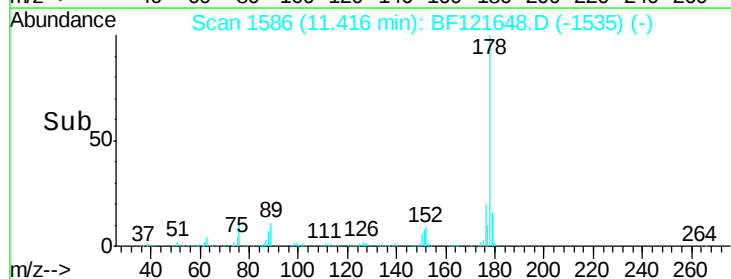
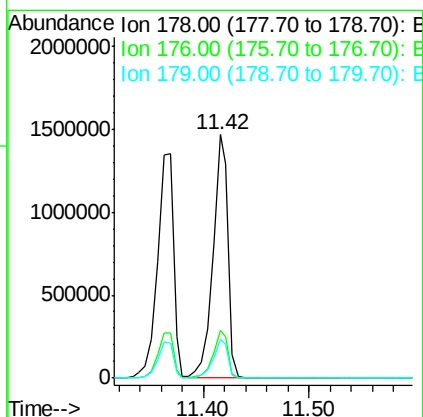
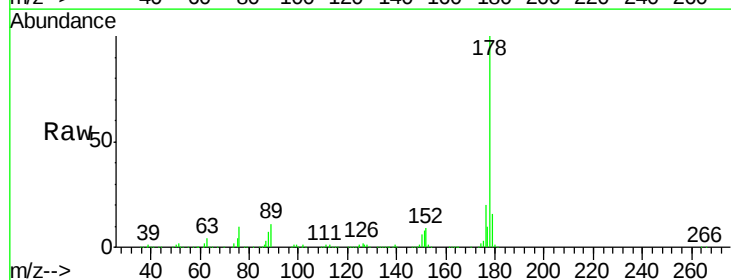
Instrument :
BNA_F
ClientSampleId :
PB131810BS

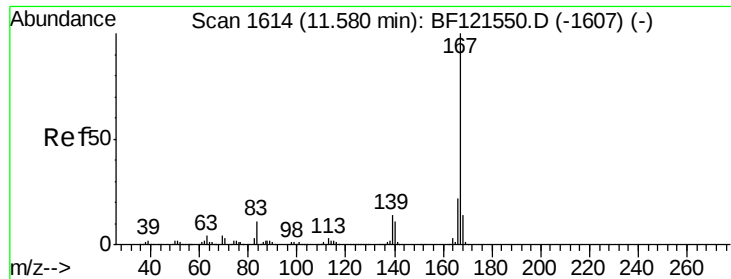
Tot Ion:178 Resp: 1422482
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.5 12.6 18.8



#72
Anthracene
Concen: 42.510 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:178 Resp: 1476558
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.6 19.0

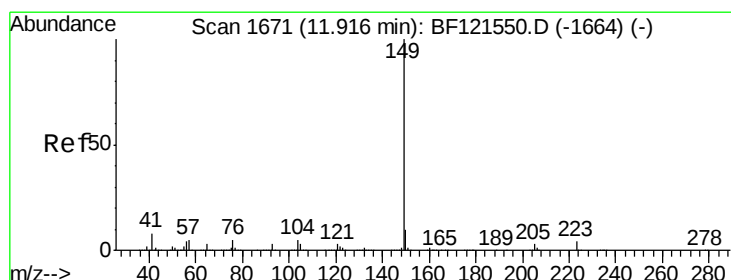
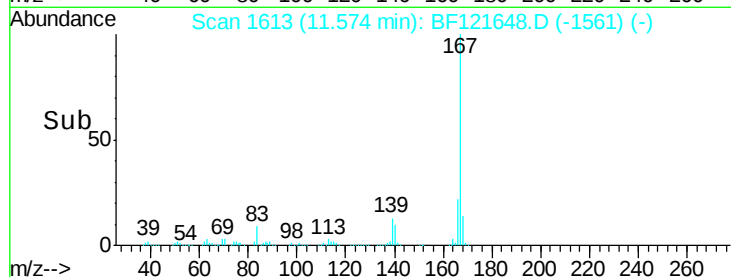
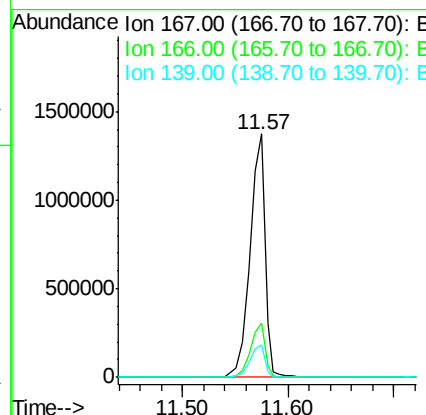
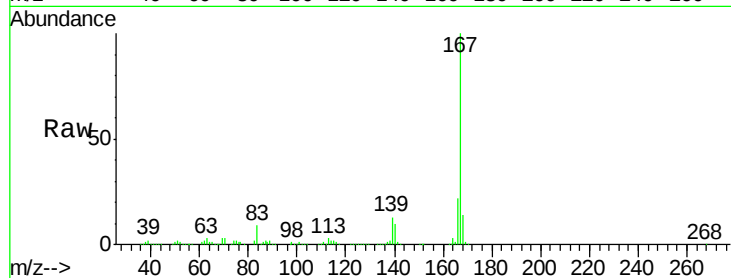




#73
 Carbazole
 Concen: 42.758 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

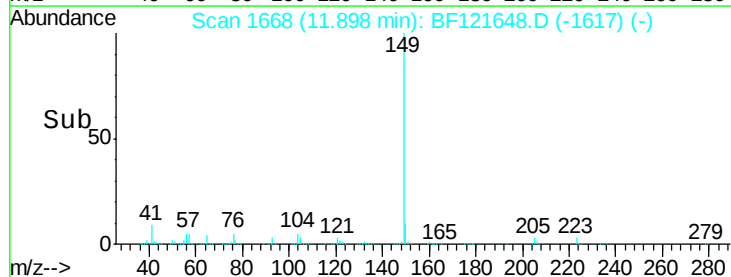
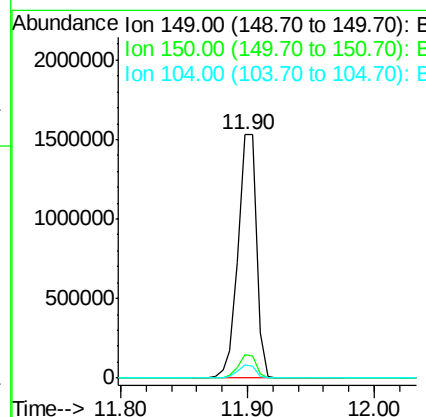
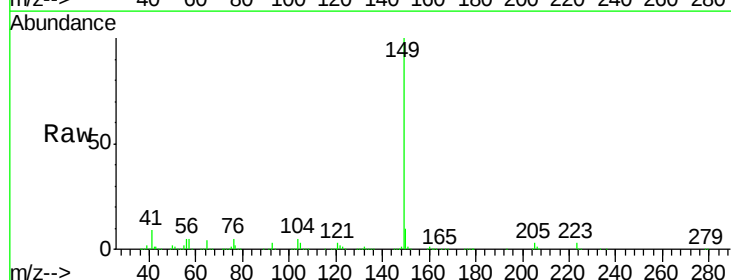
Instrument :
 BNA_F
 ClientSampleId :
 PB131810BS

Tot Ion:167 Resp: 1340214
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.264 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:149 Resp: 1528984
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 43.301 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

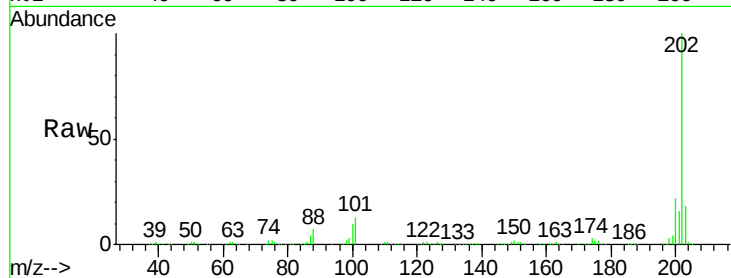
Tot Ion:202 Resp: 1555809

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.9

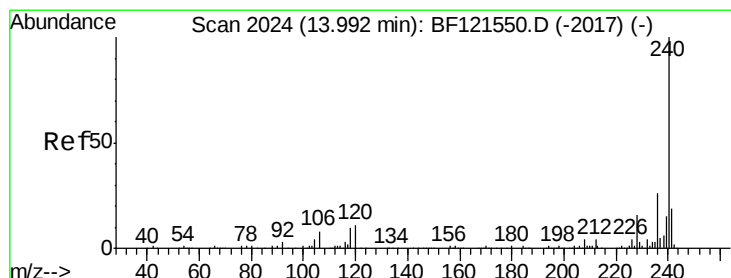
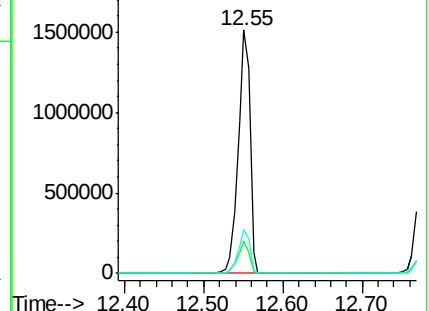
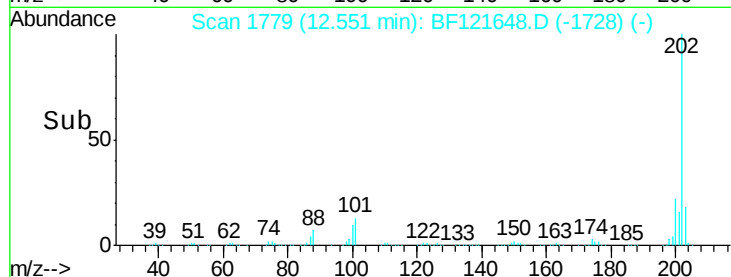
203 18.2 0.0 37.8



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: BF121648.D

Acq: 22 Sep 2020 19:20

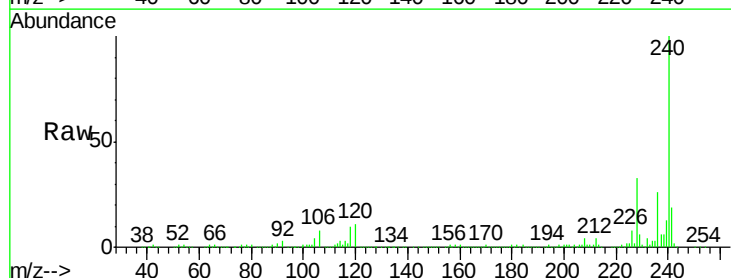
Tgt Ion:240 Resp: 477653

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

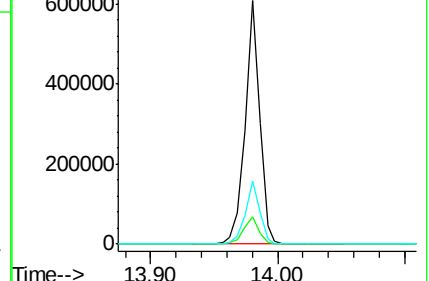
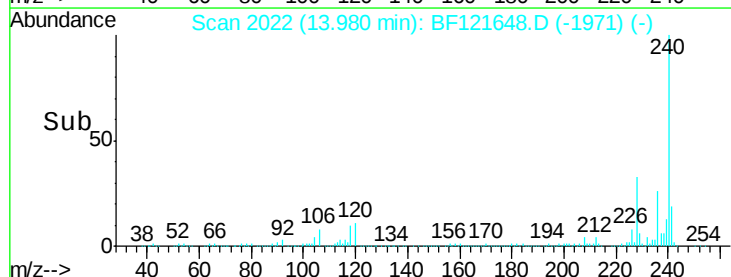
236 25.7 20.4 30.6



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: 49.911 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampled :

PB131810BS

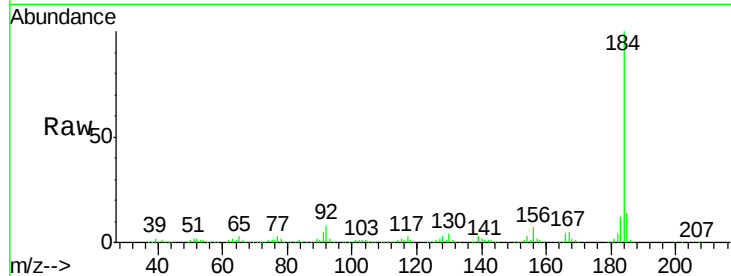
Tot Ion:184 Resp: 790344

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

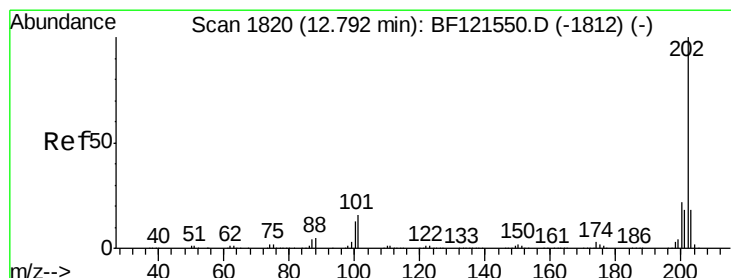
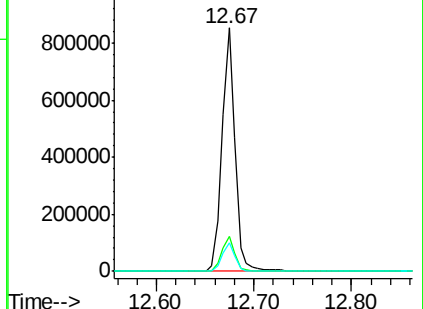
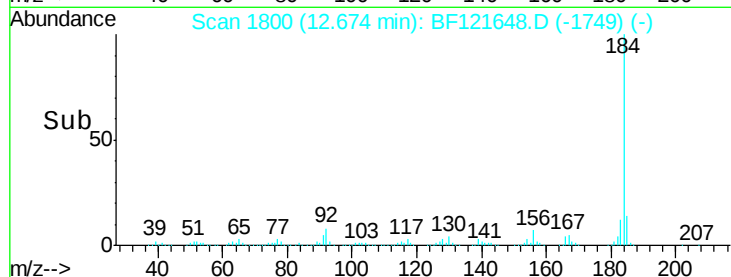
183 11.9 9.6 14.4



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: 45.453 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

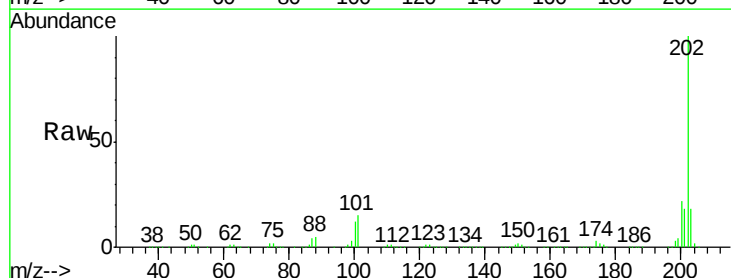
Tgt Ion:202 Resp: 1586249

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

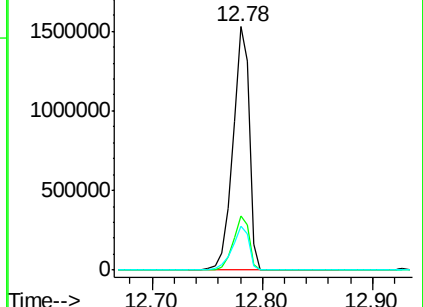
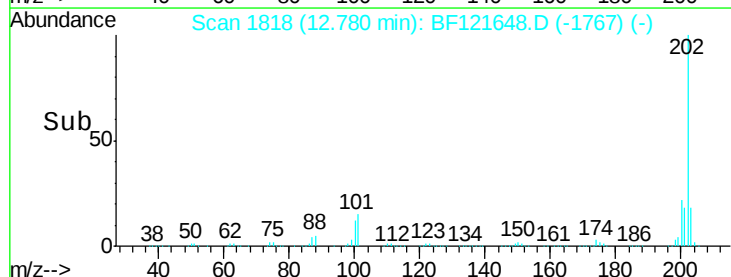
203 18.2 14.4 21.6



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: 91.842 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

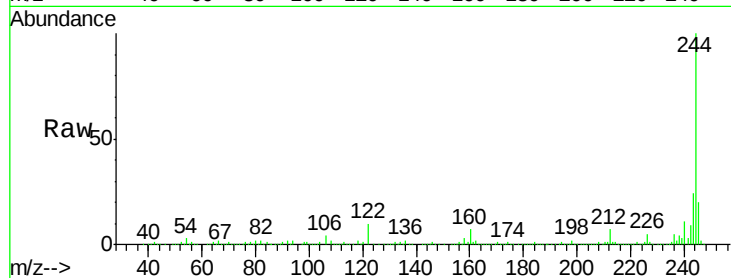
Tot Ion:244 Resp: 2165378

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.3 7.4 11.0

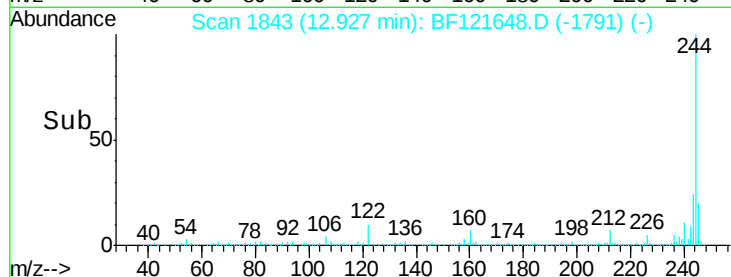


Abundance Ion 244.00 (243.70 to 244.70): E

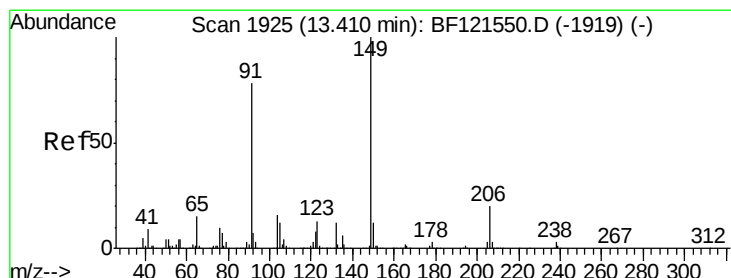
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Butylbenzylphthalate

Concen: 45.498 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

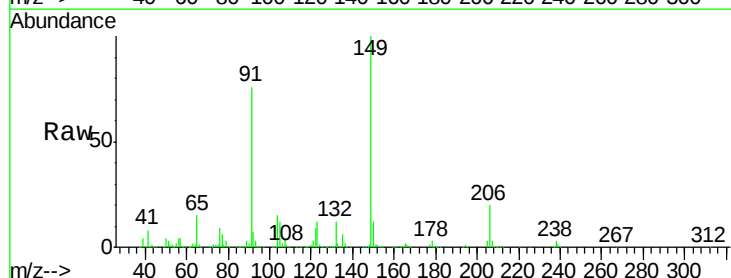
Tgt Ion:149 Resp: 642173

Ion Ratio Lower Upper

149 100

91 76.1 61.0 91.4

206 20.2 16.6 25.0

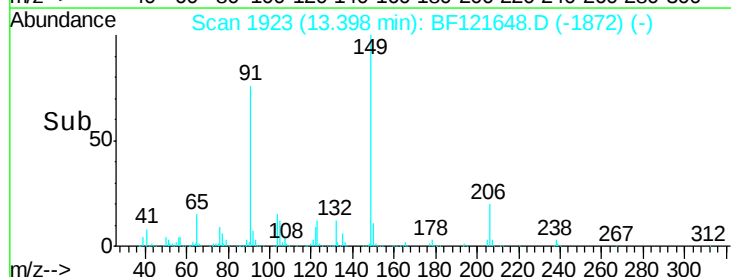


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#81

Benzo(a)anthracene

Concen: 44.200 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

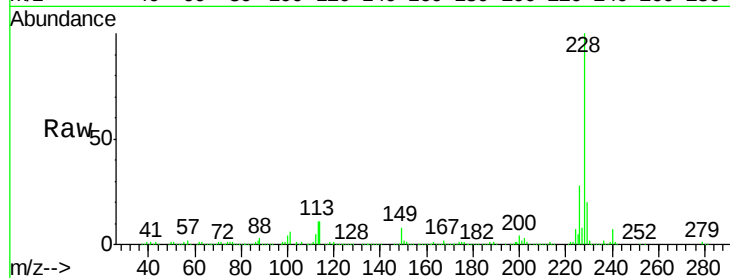
BNA_F

ClientSampleId :

PB131810BS

Tot Ion:228 Resp: 1335657

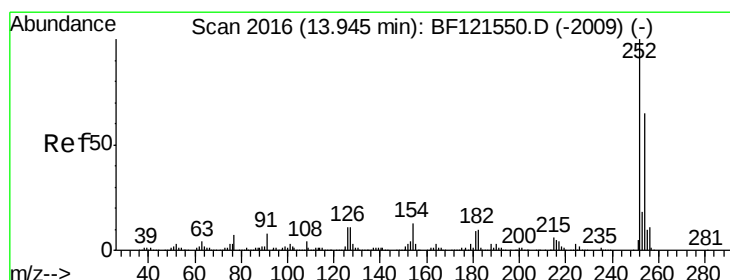
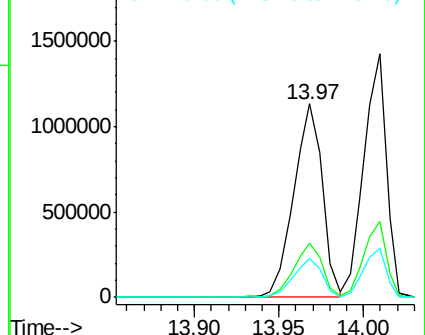
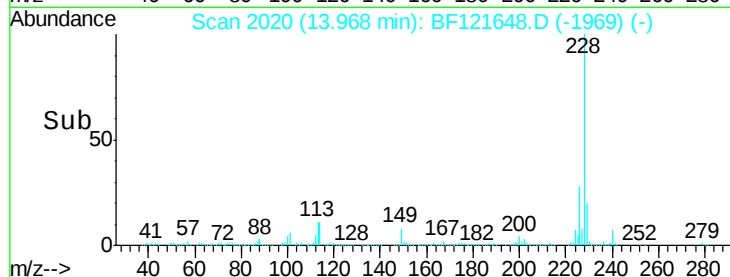
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	16.2	24.2



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: 31.081 ng

RT: 13.93 min Scan# 2014

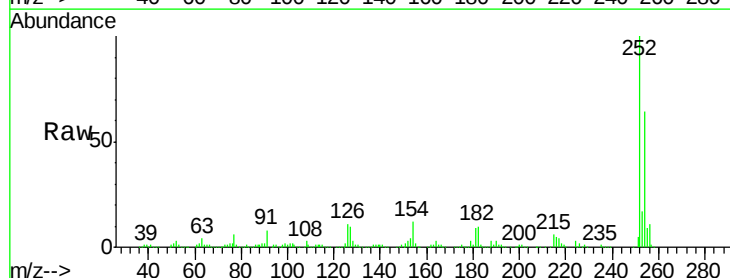
Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Tgt Ion:252 Resp: 366680

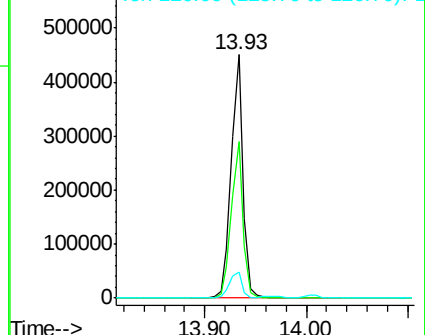
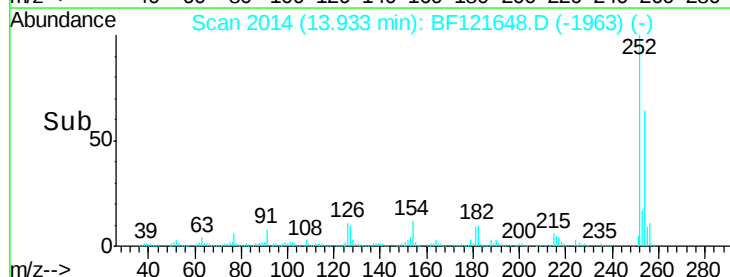
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.0	76.4
126	10.7	8.6	13.0

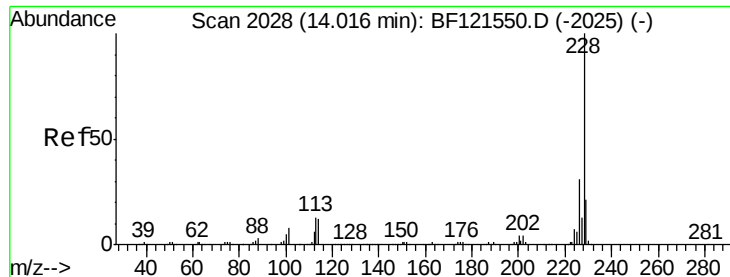


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.404 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

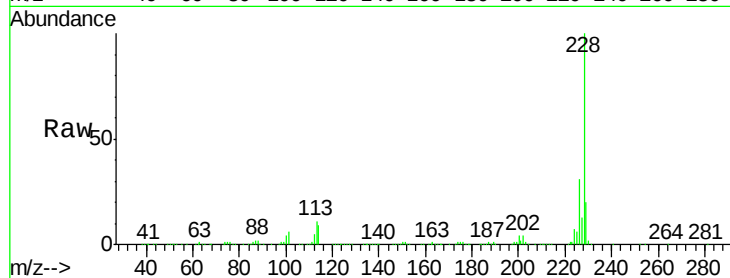
Tot Ion:228 Resp: 1328194

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

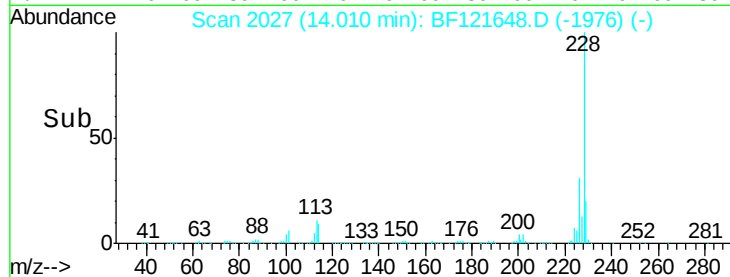
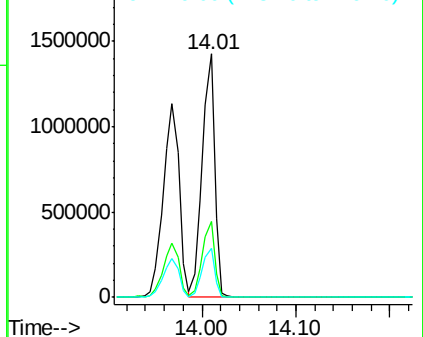
229 20.1 16.0 24.0



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: 42.370 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

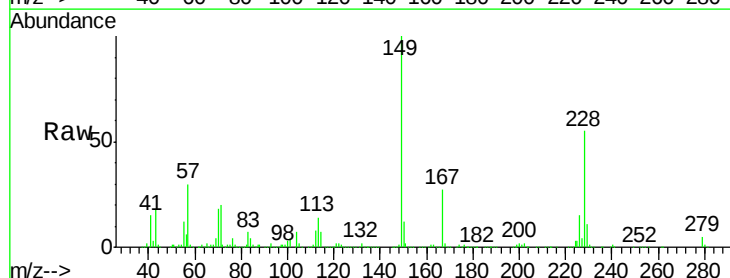
Tgt Ion:149 Resp: 798914

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

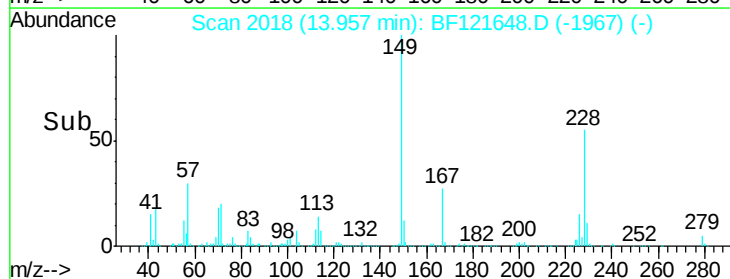
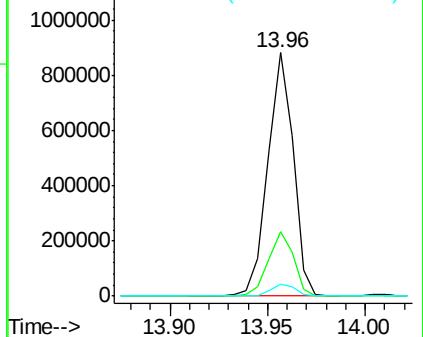
279 4.7 3.4 5.0

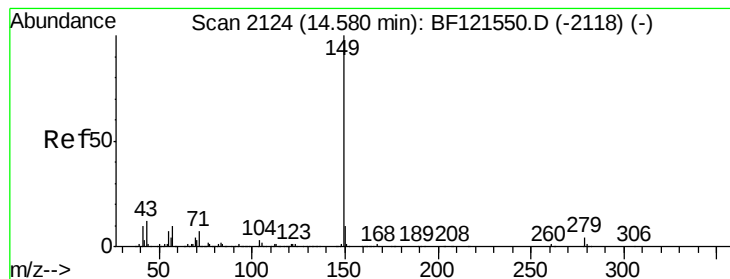


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.096 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF121648.D

Acq: 22 Sep 2020 19:20

Instrument :

BNA_F

ClientSampleId :

PB131810BS

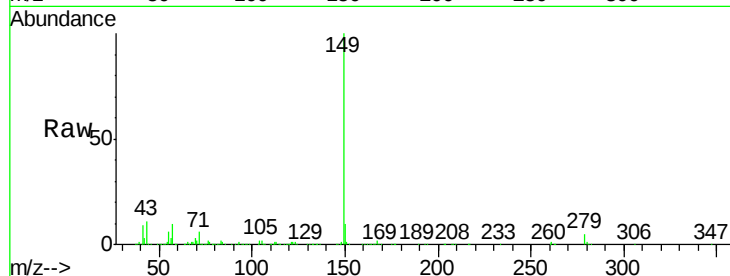
Tot Ion:149 Resp: 1367501

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

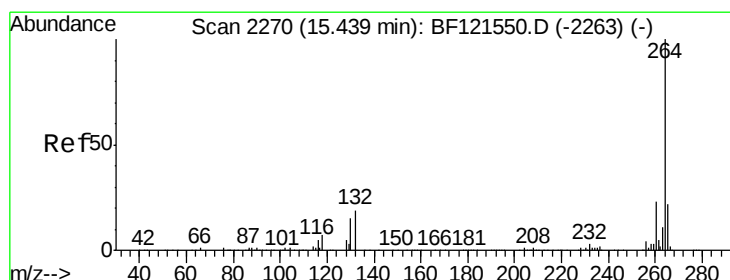
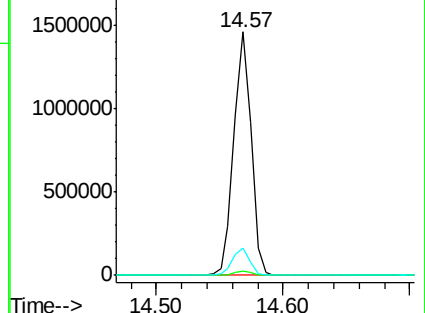
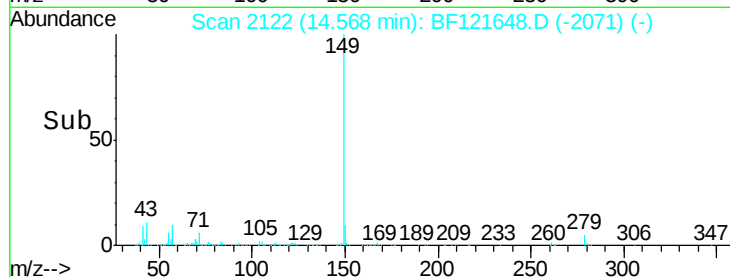
43 11.1 9.0 13.4



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: BF121648.D

Acq: 22 Sep 2020 19:20

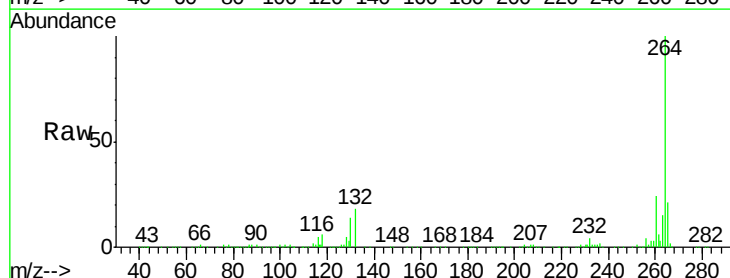
Tgt Ion:264 Resp: 403685

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

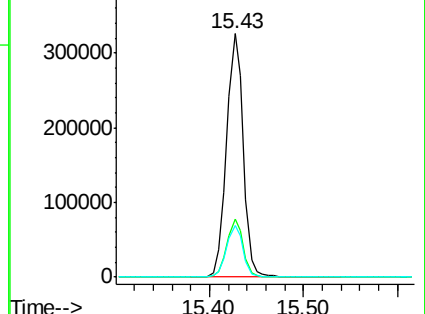
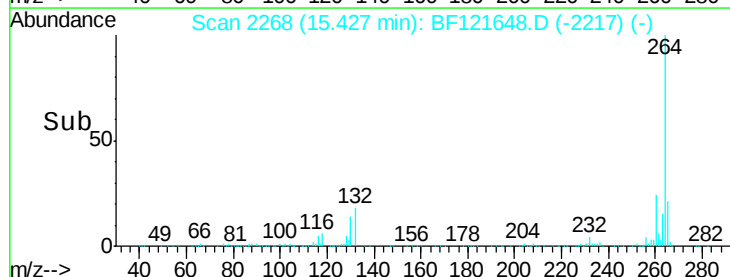
265 21.1 17.3 25.9

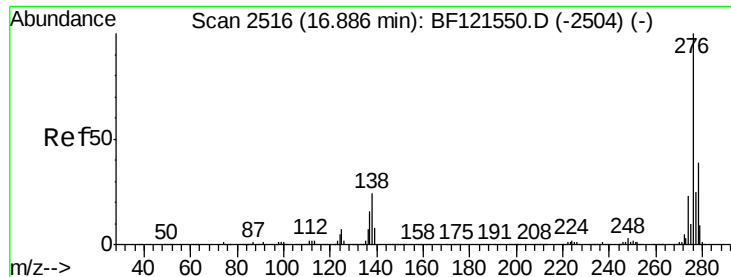


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

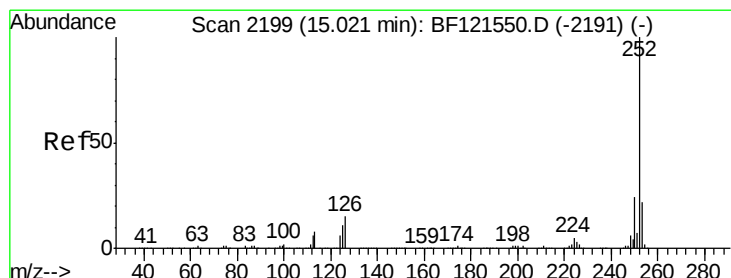
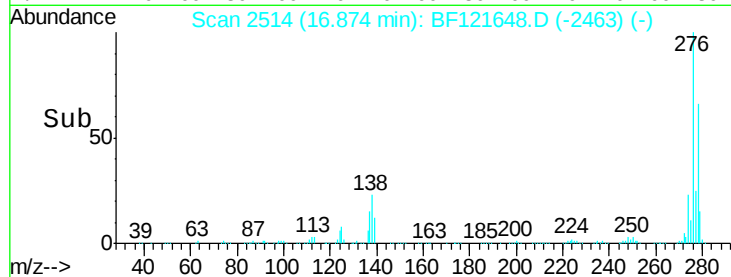
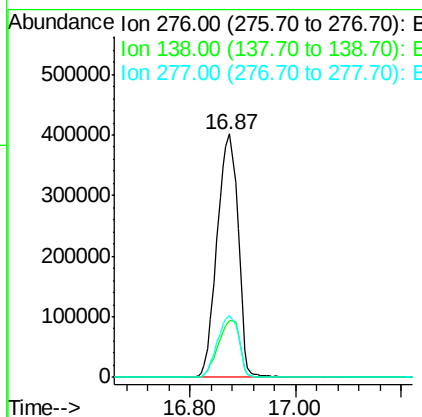
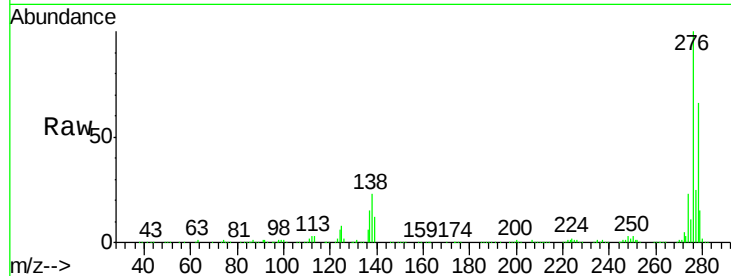




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.402 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

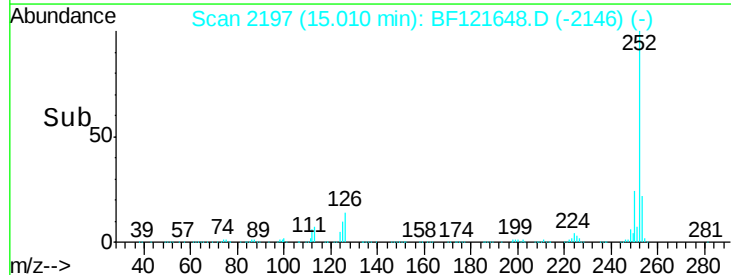
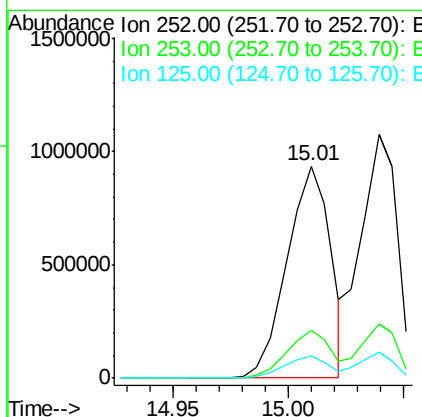
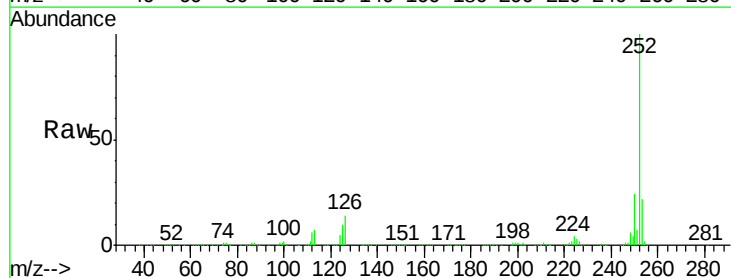
Instrument :
 BNA_F
 ClientSampled :
 PB131810BS

Tot Ion:276 Resp: 1114717
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.0 28.6
 277 25.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 45.335 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121648.D
 Acq: 22 Sep 2020 19:20

Tgt Ion:252 Resp: 1223446
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 10.3 8.5 12.7

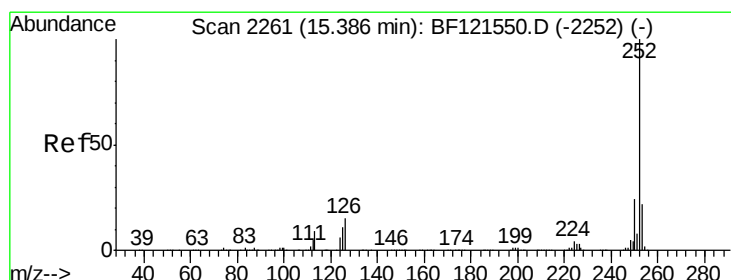
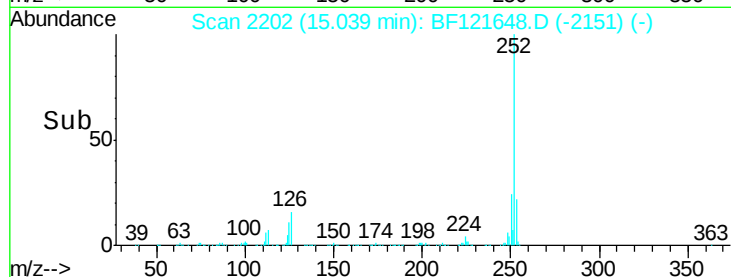
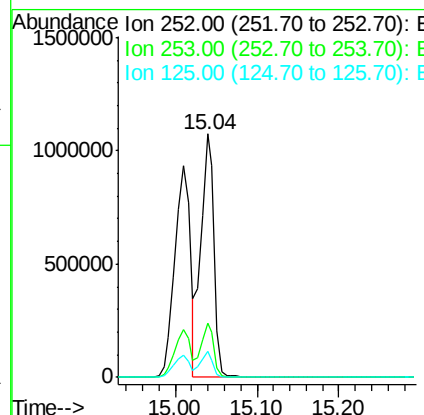
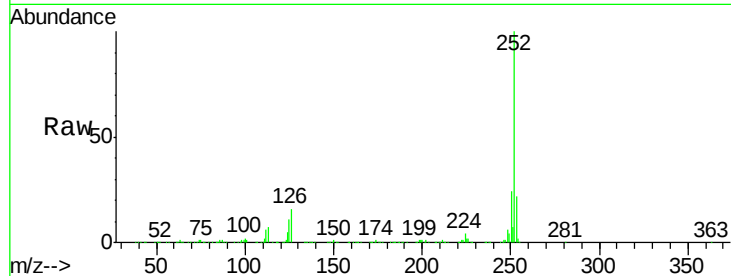




#89
Benzo(k)fluoranthene
Concen: 48.276 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

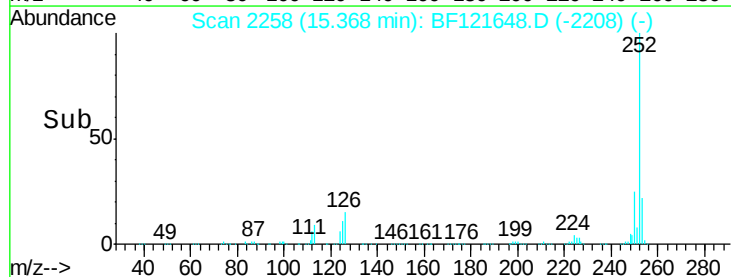
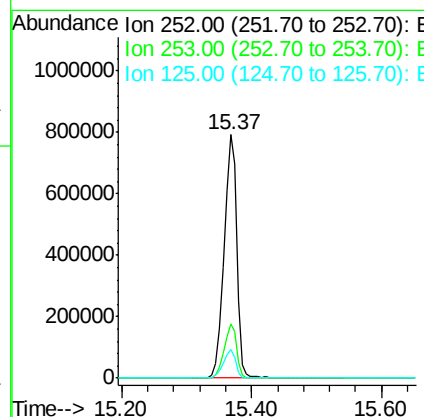
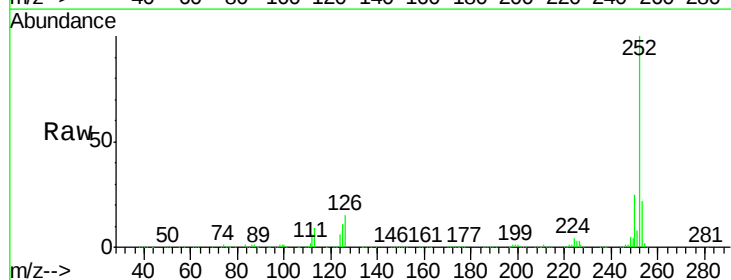
Instrument :
BNA_F
ClientSampleId :
PB131810BS

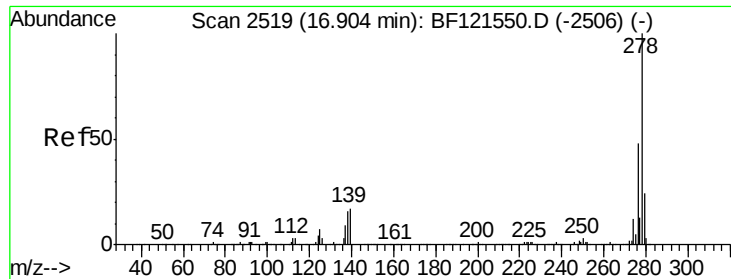
Tot Ion:252 Resp: 1193030
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.567 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:252 Resp: 1068233
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.5 9.1 13.7

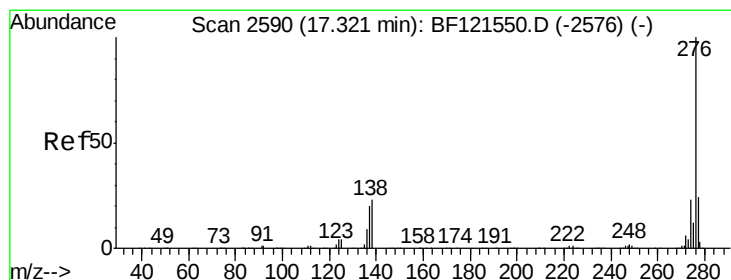
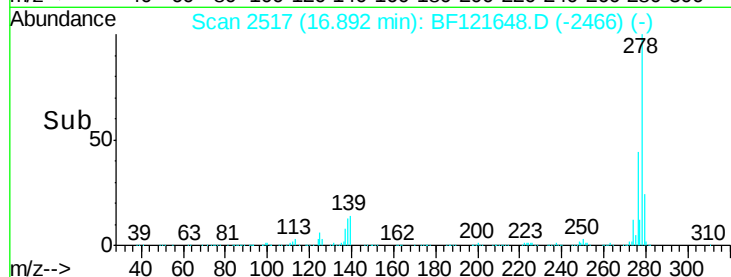
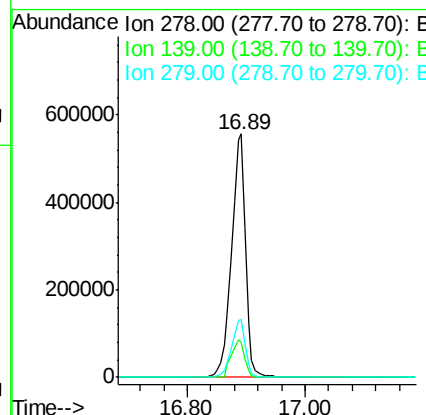
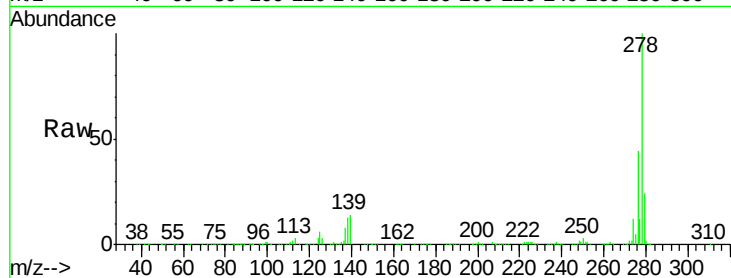




#91
Dibenzo(a,h)anthracene
Concen: 42.072 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Instrument :
BNA_F
ClientSampleId :
PB131810BS

Tot Ion:278 Resp: 920697
Ion Ratio Lower Upper
278 100
139 14.2 12.0 18.0
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 42.905 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121648.D
Acq: 22 Sep 2020 19:20

Tgt Ion:276 Resp: 922945
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 20.3 16.9 25.3

