

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121886.D
 Acq On : 8 Oct 2020 13:33
 Operator : JU/CG
 Sample : PB132200BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Quant Time: Oct 08 14:16:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146162	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	566752	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	294062	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	540118	20.00	ng	0.00
76) Chrysene-d12	13.93	240	418796	20.00	ng	0.00
86) Perylene-d12	15.37	264	339963	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	987262	100.38	ng	0.00
7) Phenol-d6	6.42	99	1253258	97.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	843399	79.90	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	382725	104.72	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1416557	72.96	ng	0.00
79) Terphenyl-d14	12.87	244	1679798	81.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	153523	33.977	ng	98
3) Pyridine	3.29	79	428422	34.298	ng	99
4) n-Nitrosodimethylamine	3.25	42	220760	38.102	ng	99
6) Aniline	6.43	93	479562	28.537	ng	# 28
8) 2-Chlorophenol	6.55	128	404718	40.417	ng	96
9) Benzaldehyde	6.31	77	141978	16.832	ng	97
10) Phenol	6.43	94	486087	35.377	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	398960	38.525	ng	99
12) 1,3-Dichlorobenzene	6.70	146	421720	37.732	ng	97
13) 1,4-Dichlorobenzene	6.78	146	422154	37.617	ng	98
14) 1,2-Dichlorobenzene	6.93	146	389954	37.719	ng	98
15) Benzyl Alcohol	6.92	79	319613	36.443	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	607358	36.446	ng	82
17) 2-Methylphenol	7.03	107	330075	38.741	ng	95
18) Hexachloroethane	7.27	117	156175	38.866	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	281549	37.861	ng	97
20) 3+4-Methylphenols	7.19	107	393354	38.425	ng	# 70
22) Acetophenone	7.17	105	519888	36.155	ng	94
24) Nitrobenzene	7.35	77	432316	37.868	ng	97
25) Isophorone	7.59	82	782910	36.845	ng	100
26) 2-Nitrophenol	7.67	139	211891	39.882	ng	97
27) 2,4-Dimethylphenol	7.71	122	336391	35.466	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	491864	37.391	ng	100
29) 2,4-Dichlorophenol	7.92	162	331663	38.392	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	341621	37.547	ng	98
31) Naphthalene	8.07	128	1115457	37.284	ng	100
32) Benzoic acid	7.87	122	165546	26.949	ng	97
33) 4-Chloroaniline	8.12	127	403612	31.122	ng	99
34) Hexachlorobutadiene	8.18	225	203197	38.049	ng	99
35) Caprolactam	8.51	113	54815	19.054	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	362649	38.968	ng	99
37) 2-Methylnaphthalene	8.76	142	734994	37.488	ng	98
38) 1-Methylnaphthalene	8.86	142	684703	37.524	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	339277	36.936	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	215139	41.013	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	222165	35.484	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	237944	35.949	ng	97
46) 1,1'-Biphenyl	9.23	154	849144	36.070	ng	98
47) 2-Chloronaphthalene	9.25	162	680311	36.672	ng	99
48) 2-Nitroaniline	9.35	65	240119	41.652	ng	99
49) Acenaphthylene	9.66	152	1038381	36.430	ng	100
50) Dimethylphthalate	9.53	163	825786	38.745	ng	100
51) 2,6-Dinitrotoluene	9.60	165	182469	40.200	ng	88
52) Acenaphthene	9.83	154	623941	34.657	ng	100
53) 3-Nitroaniline	9.76	138	162149	30.838	ng	97
54) 2,4-Dinitrophenol	9.89	184	162401	64.065	ng	97
55) Dibenzofuran	10.01	168	891750	35.173	ng	99
56) 4-Nitrophenol	9.95	139	217972	51.980	ng	90
57) 2,4-Dinitrotoluene	10.00	165	223808	39.193	ng	# 84
58) Fluorene	10.35	166	729115	37.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	199648	37.103	ng	97
60) Diethylphthalate	10.23	149	793257	38.174	ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	357474	38.489	ng	95
62) 4-Nitroaniline	10.39	138	202336	38.755	ng	97
63) Azobenzene	10.50	77	817706	36.952	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	127799	39.907	ng	92
66) n-Nitrosodiphenylamine	10.46	169	696493	37.587	ng	99
67) 4-Bromophenyl-phenylether	10.83	248	240761	39.151	ng	95
68) Hexachlorobenzene	10.90	284	267310	38.518	ng	# 92
69) Atrazine	10.99	200	209350	45.474	ng	99
70) Pentachlorophenol	11.10	266	204256	53.592	ng	96
71) Phenanthrene	11.32	178	1089278	37.015	ng	100
72) Anthracene	11.37	178	1119680	36.870	ng	99
73) Carbazole	11.52	167	1021745	37.284	ng	100
74) Di-n-butylphthalate	11.84	149	1214640	38.402	ng	100
75) Fluoranthene	12.50	202	1184617	37.710	ng	98
77) Benzidine	12.62	184	642840	46.301	ng	100
78) Pyrene	12.73	202	1189334	38.869	ng	99
80) Butylbenzylphthalate	13.34	149	518085	41.865	ng	98
81) Benzo(a)anthracene	13.92	228	1038927	39.212	ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	290451	28.080	ng	98
83) Chrysene	13.96	228	1005085	37.462	ng	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	704748	42.629	ng	99
85) Di-n-octyl phthalate	14.52	149	1159271	39.734	ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	861609	38.917	ng	99
88) Benzo(b)fluoranthene	14.96	252	909657	40.026	ng	99
89) Benzo(k)fluoranthene	14.99	252	895299	43.018	ng	99
90) Benzo(a)pyrene	15.31	252	795841	41.195	ng	98
91) Dibenzo(a,h)anthracene	16.81	278	706801	38.351	ng	99
92) Benzo(g,h,i)perylene	17.23	276	699965	38.638	ng	99

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

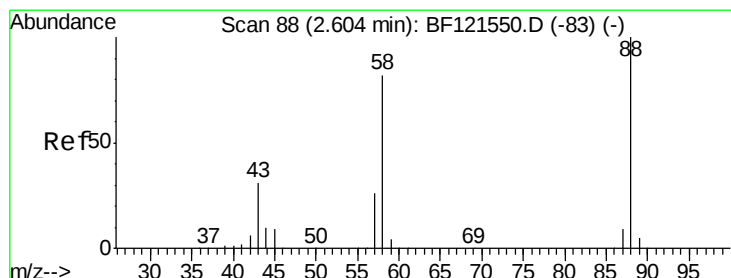
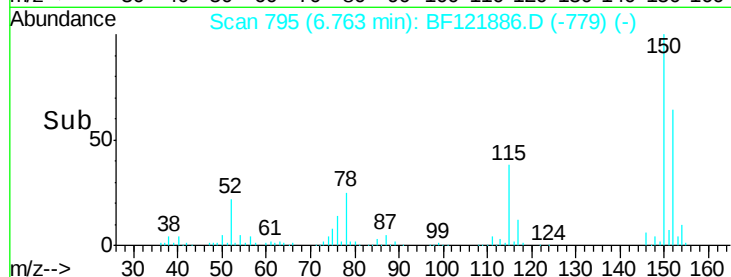
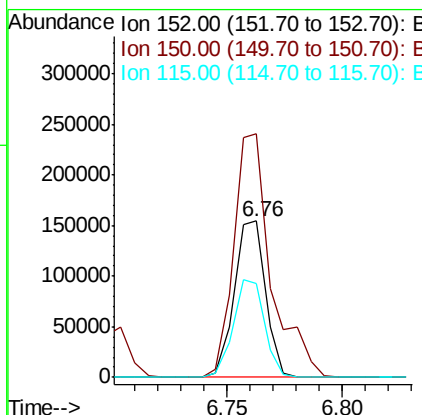
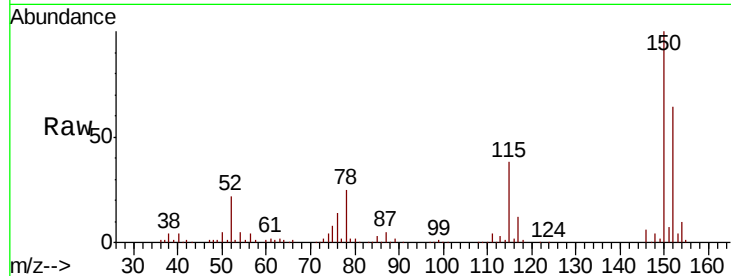


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121886.D
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PB132200BS

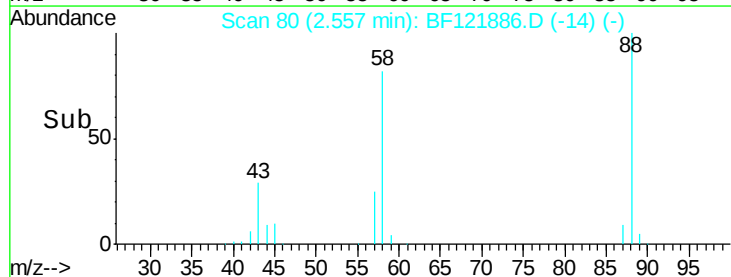
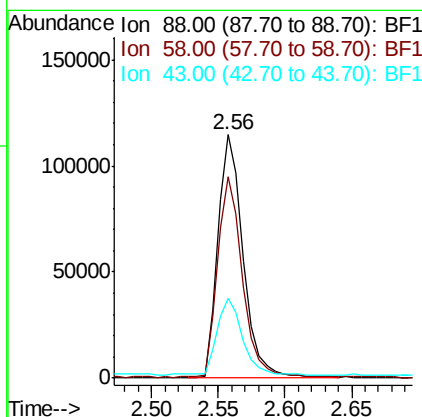
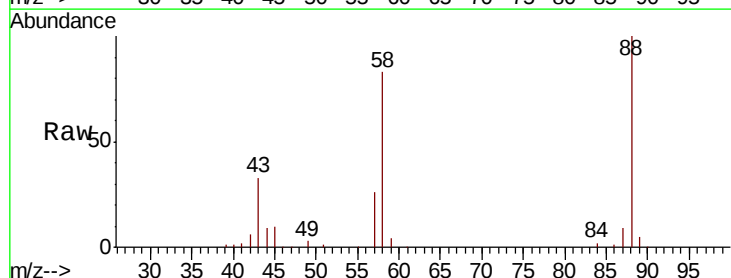
Tot Ion:152 Resp: 146162
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 60.0 51.9 77.9

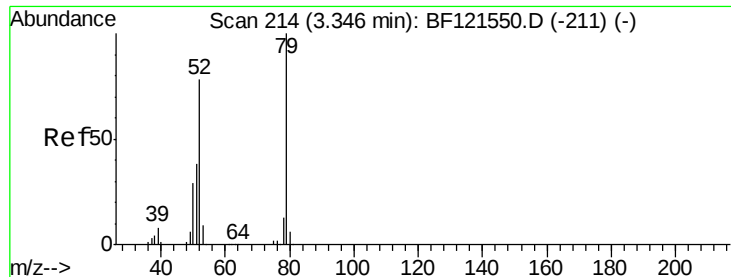


#2

1,4-Dioxane
Concen: 33.977 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.09 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion: 88 Resp: 153523
Ion Ratio Lower Upper
88 100
58 80.4 65.8 98.8
43 31.3 25.8 38.8

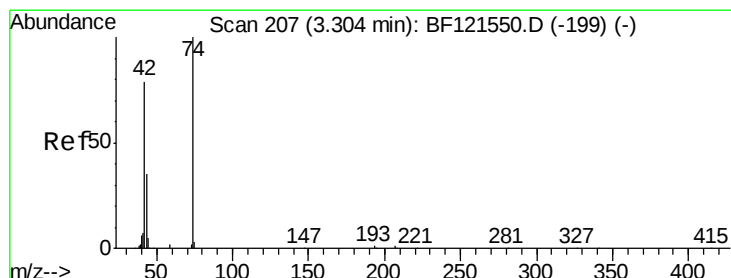
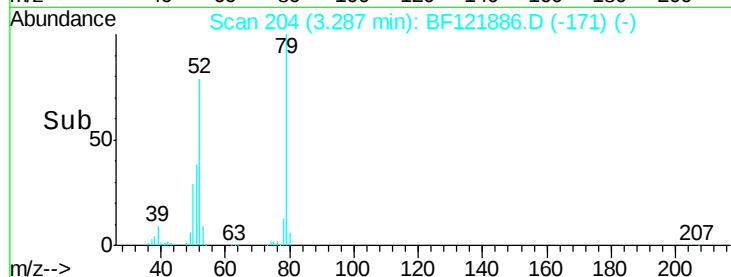
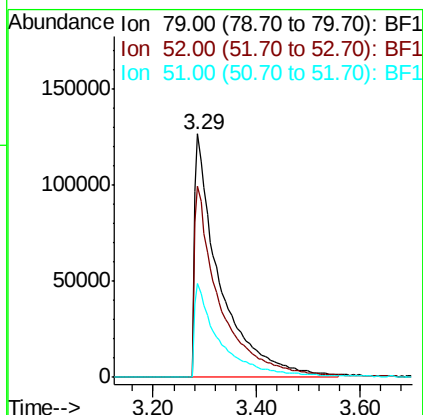
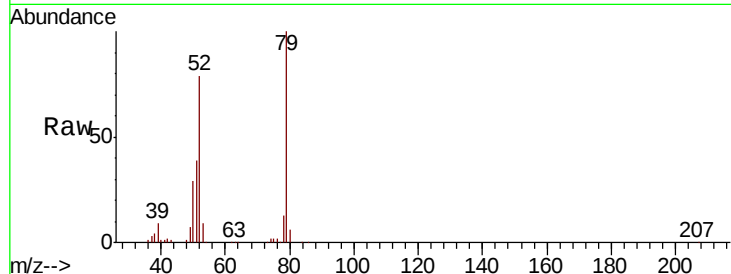




#3
 Pvridine
 Concen: 34.298 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.09 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

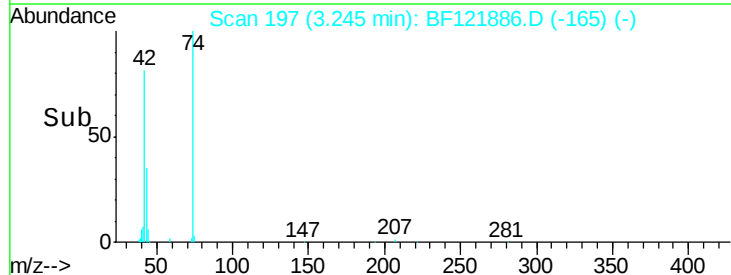
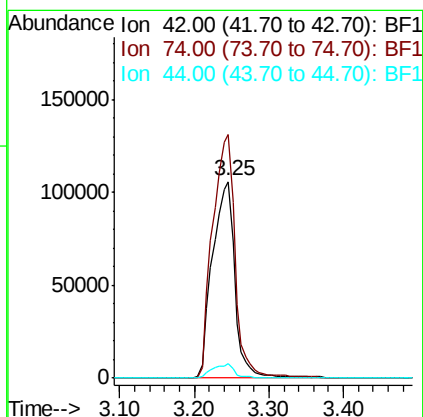
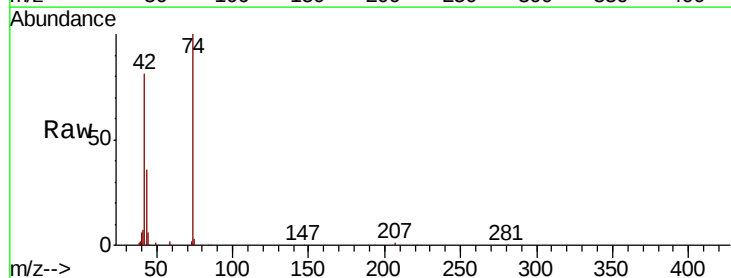
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion: 79 Resp: 428422
 Ion Ratio Lower Upper
 79 100
 52 78.7 62.2 93.4
 51 38.5 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 38.102 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.09 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion: 42 Resp: 220760
 Ion Ratio Lower Upper
 42 100
 74 123.8 100.2 150.2
 44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 100.381 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

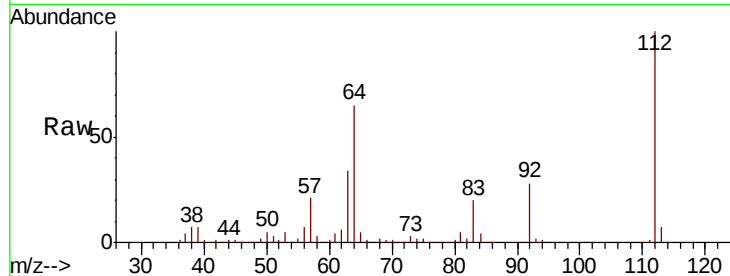
Tot Ion:112 Resp: 987262

Ion Ratio Lower Upper

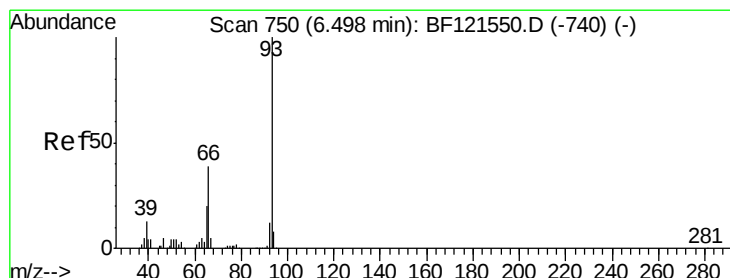
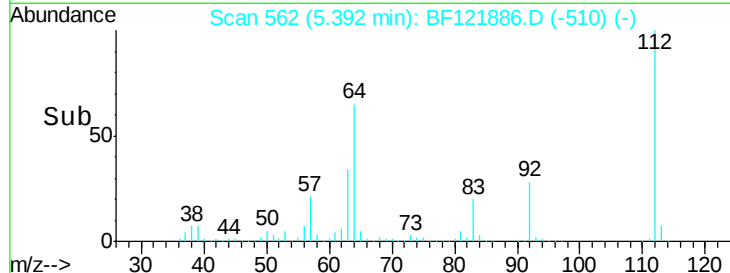
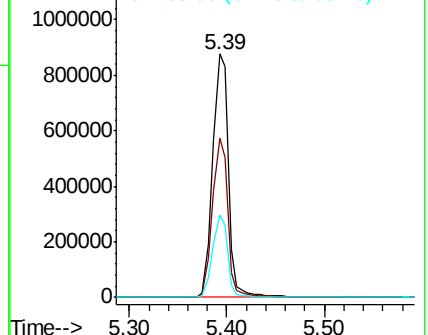
112 100

64 65.4 50.4 75.6

63 33.7 25.8 38.6



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: 28.537 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

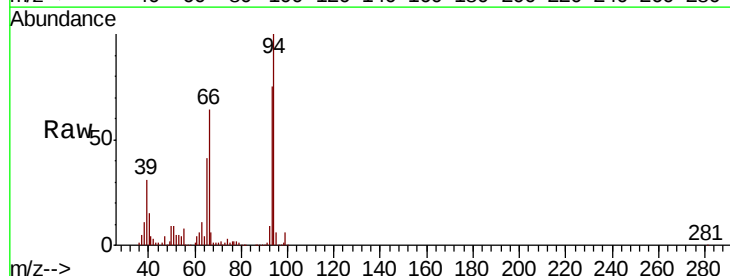
Tgt Ion: 93 Resp: 479562

Ion Ratio Lower Upper

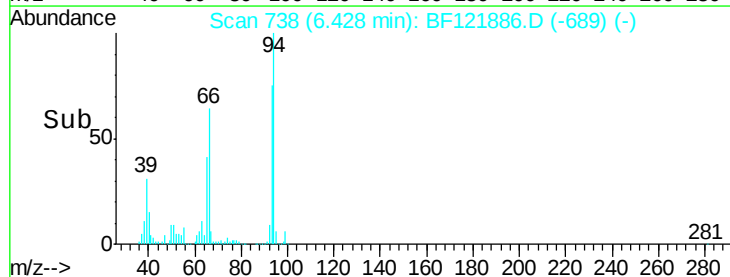
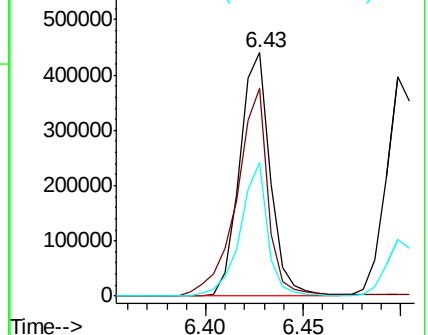
93 100

66 85.1 32.7 49.1#

65 54.7 16.6 24.8#



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: 97.129 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

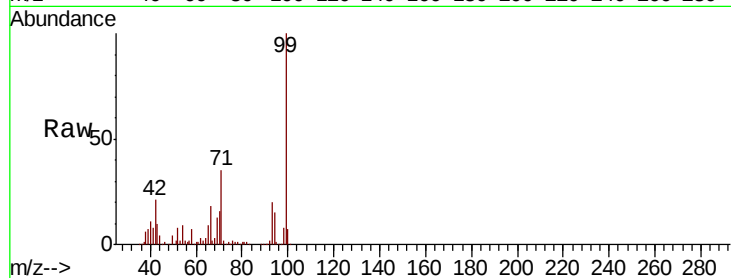
BNA_F

ClientSampleId :

PB132200BS

Tot Ion: 99 Resp: 1253258

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.9	23.9
71	35.2	27.1	40.7

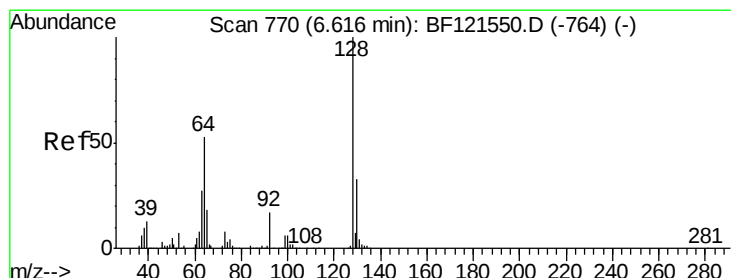
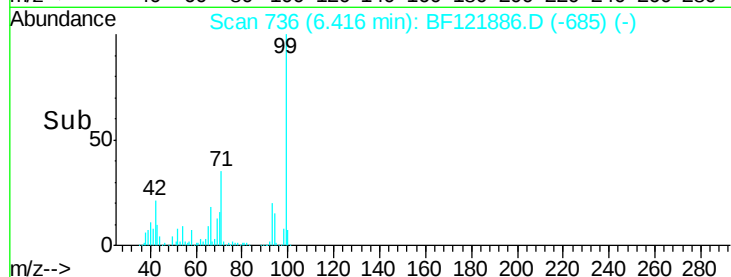
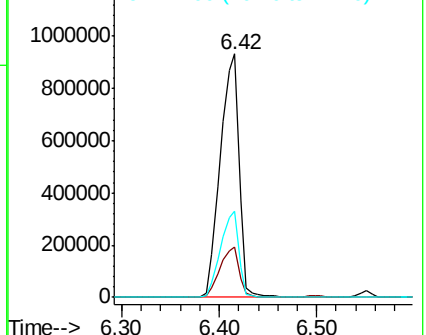


Abundance

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: 40.417 ng

RT: 6.55 min Scan# 759

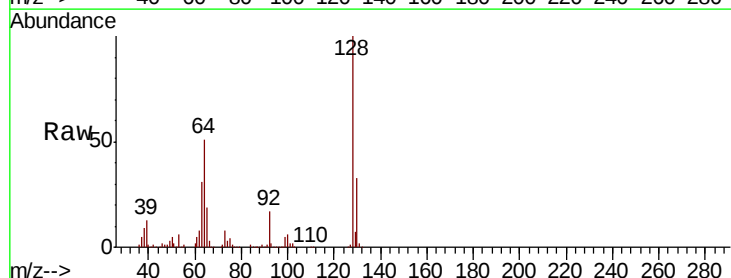
Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion: 128 Resp: 404718

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	51.2	34.8	74.8

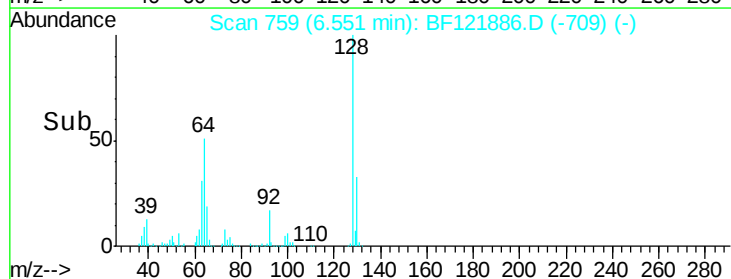
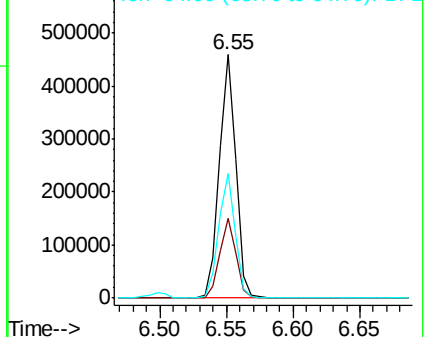


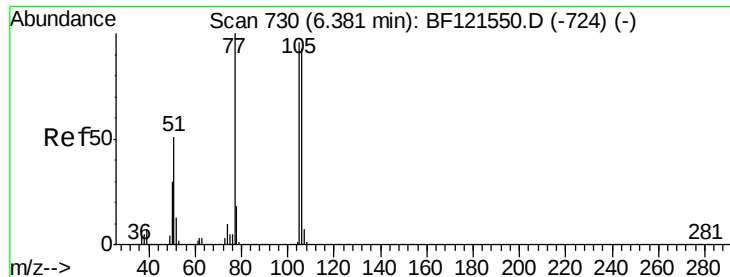
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.832 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

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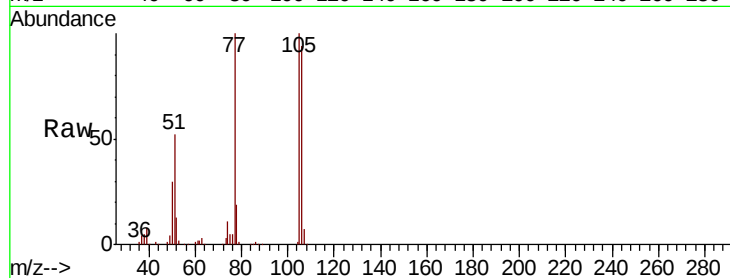
Tot Ion: 77 Resp: 141978

Ion Ratio Lower Upper

77 100

105 99.7 76.7 116.7

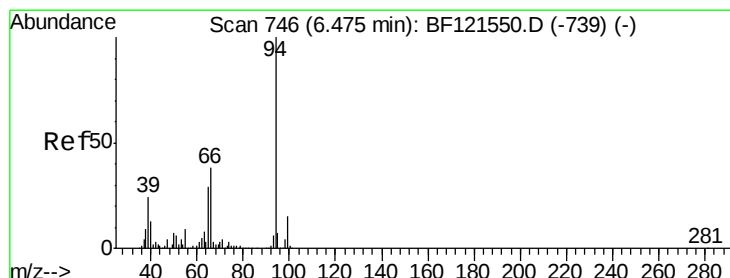
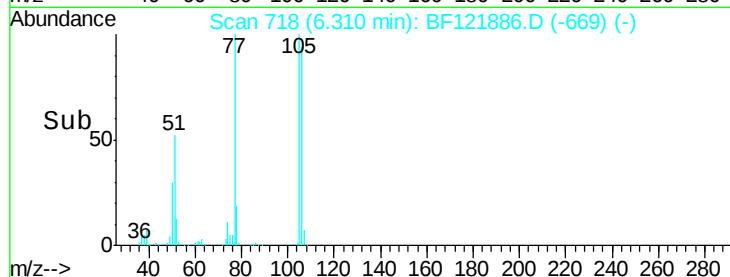
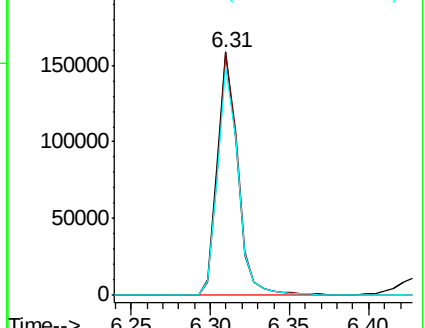
106 93.5 71.3 111.3



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: 35.377 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

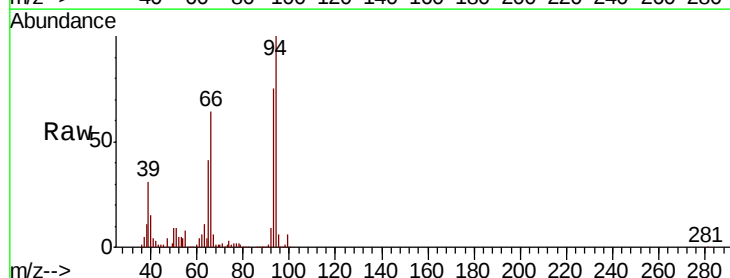
Tgt Ion: 94 Resp: 486087

Ion Ratio Lower Upper

94 100

65 41.0 17.1 57.1

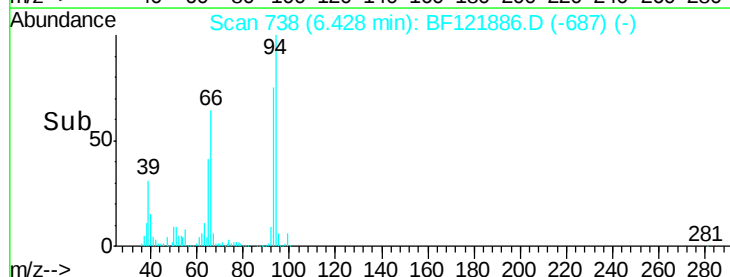
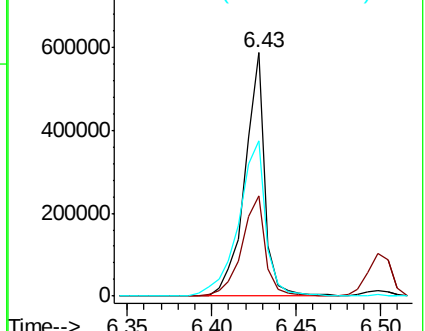
66 63.8 36.0 76.0



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: 38.525 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

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PB132200BS

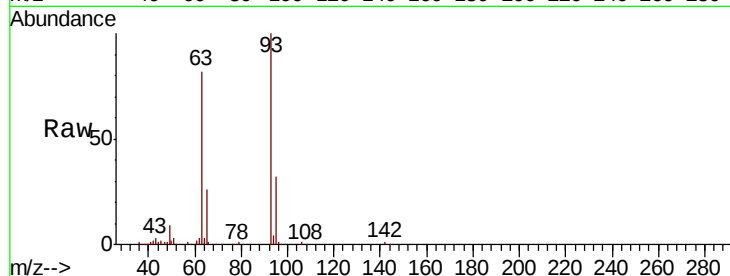
Tot Ion: 93 Resp: 398960

Ion Ratio Lower Upper

93 100

63 81.9 62.4 102.4

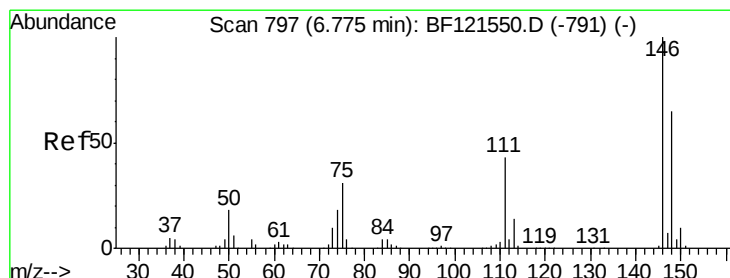
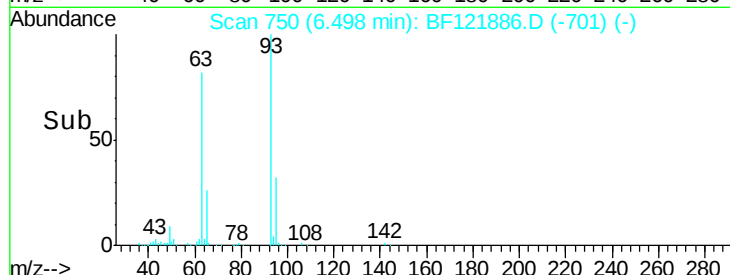
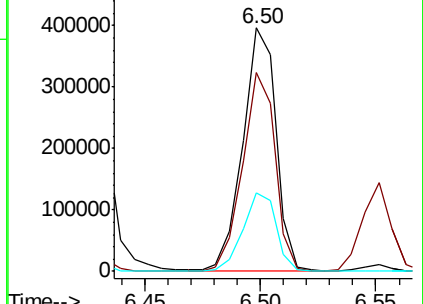
95 32.4 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.732 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

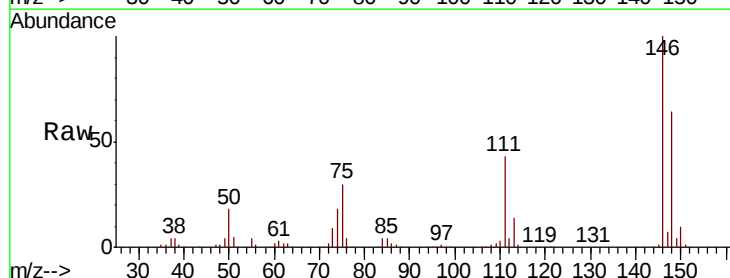
Tgt Ion: 146 Resp: 421720

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

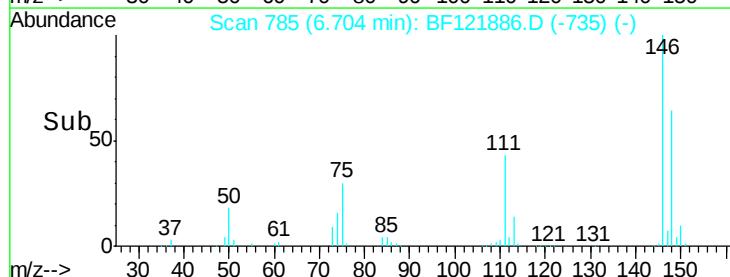
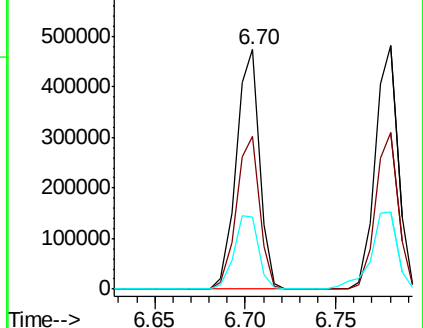
75 30.1 27.6 41.4

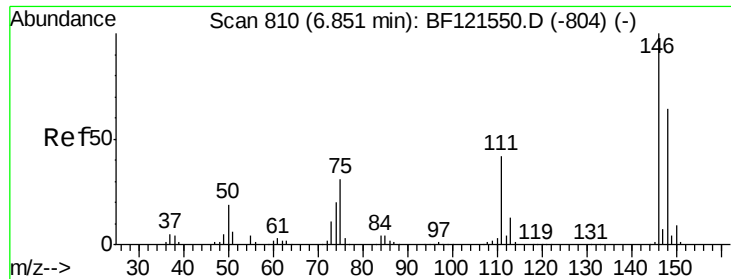


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

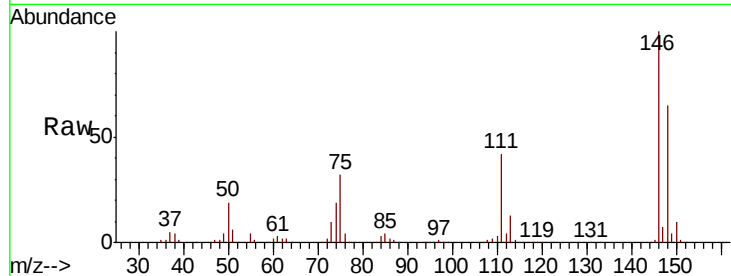




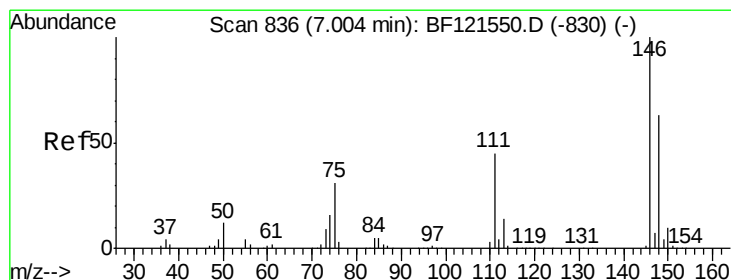
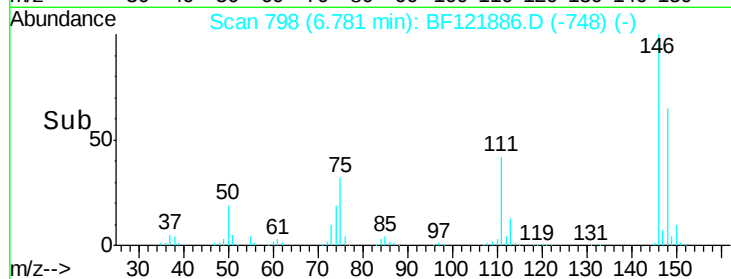
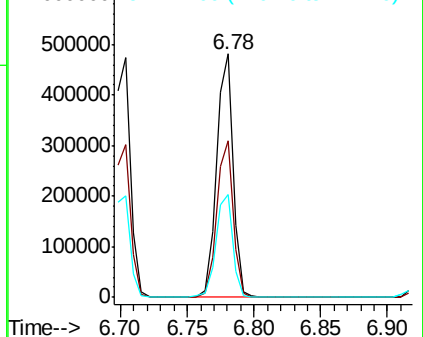
#13
 1,4-Dichlorobenzene
 Concen: 37.617 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion:146 Resp: 422154
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.1 75.1
 111 42.1 34.6 52.0

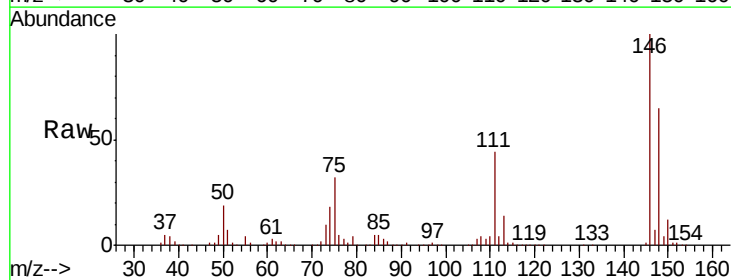


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

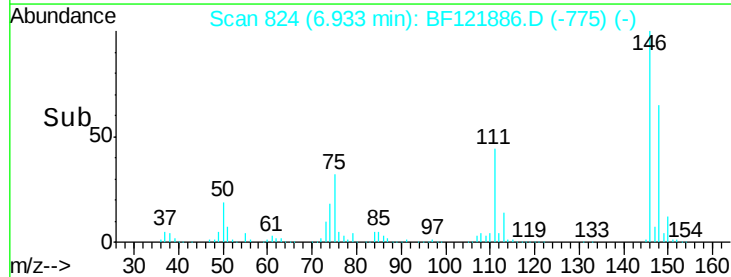
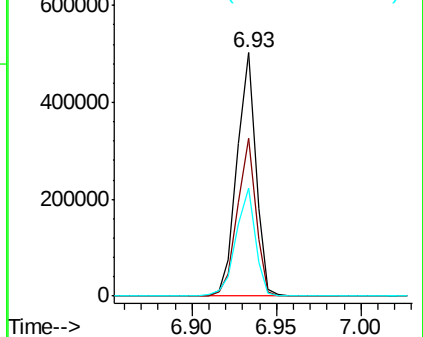


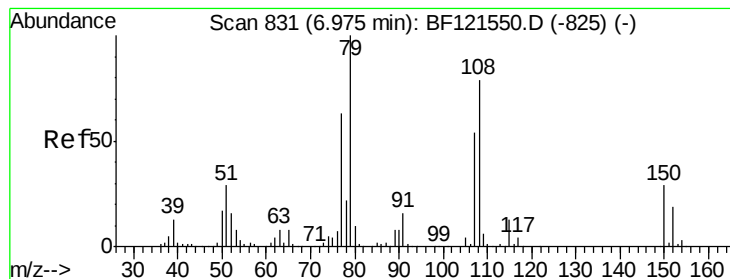
#14
 1,2-Dichlorobenzene
 Concen: 37.719 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:146 Resp: 389954
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 44.4 34.2 51.4



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: 36.443 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

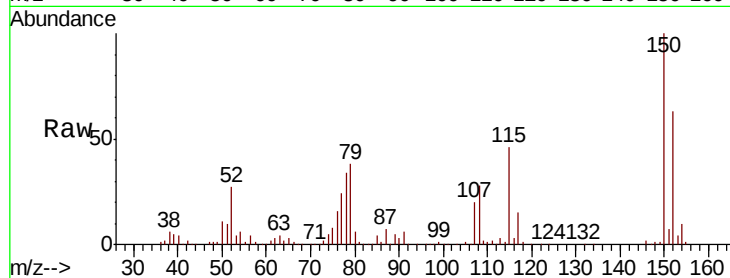
Tot Ion: 79 Resp: 319613

Ion Ratio Lower Upper

79 100

108 74.6 62.3 93.5

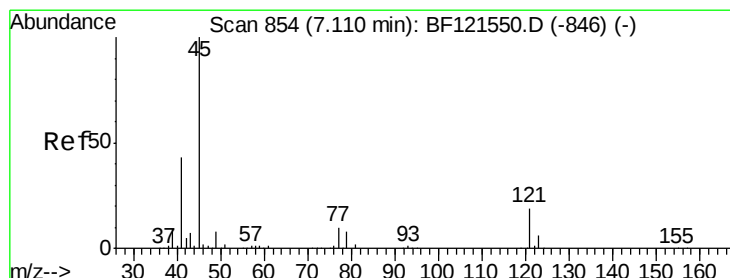
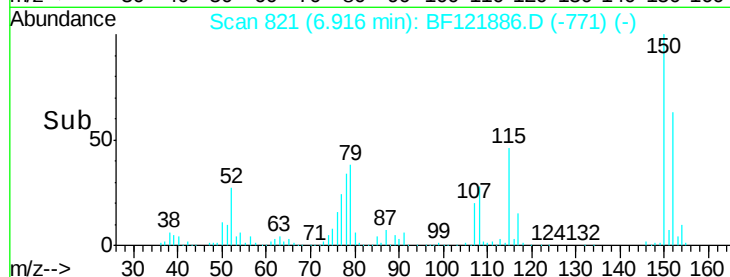
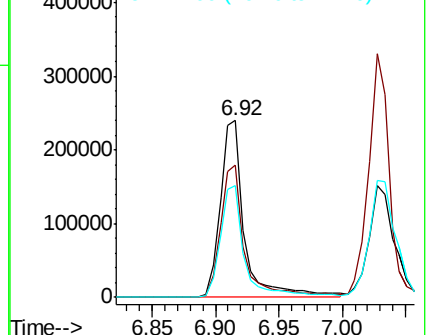
77 63.0 50.6 75.8



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: 36.446 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

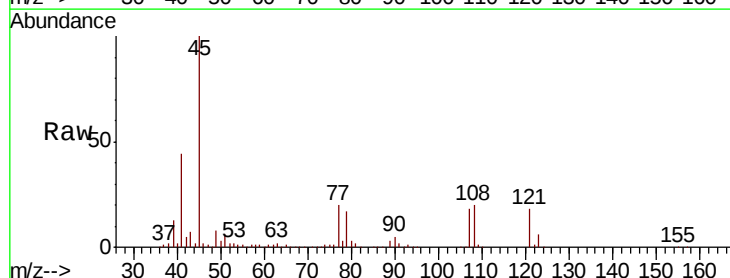
Tgt Ion: 45 Resp: 607358

Ion Ratio Lower Upper

45 100

77 20.3 0.0 33.3

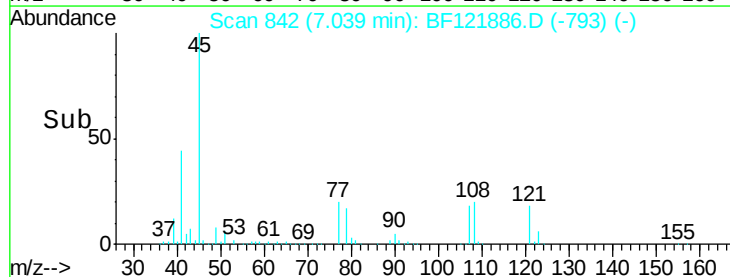
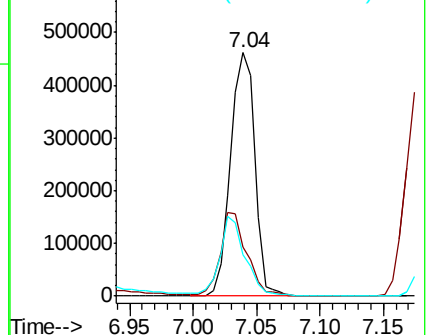
79 17.0 0.0 30.4

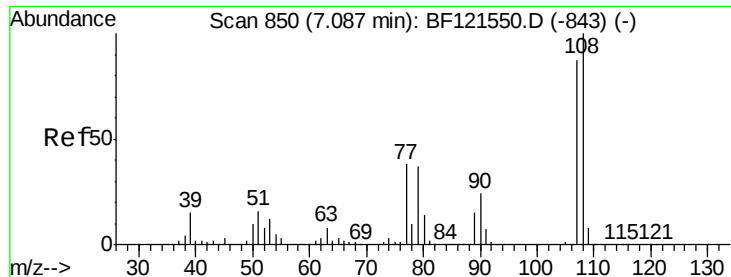


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

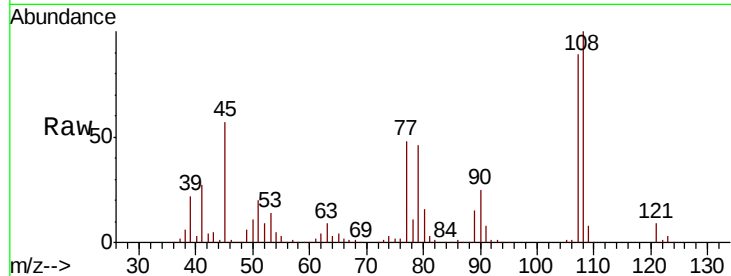




#17
2-Methylphenol
Concen: 38.741 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	54.1	37.5	56.3
79	52.0	37.4	56.0



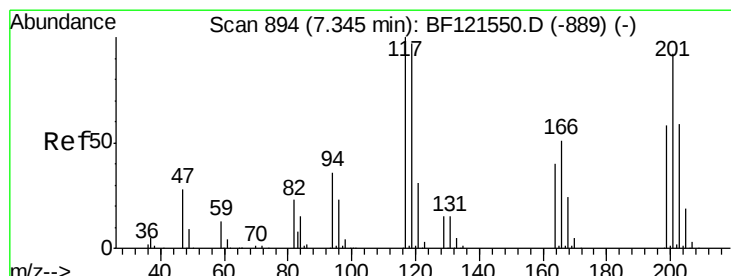
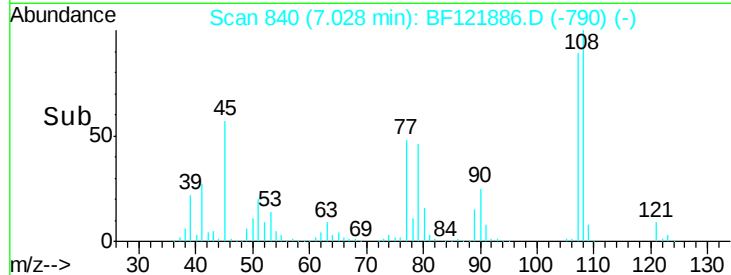
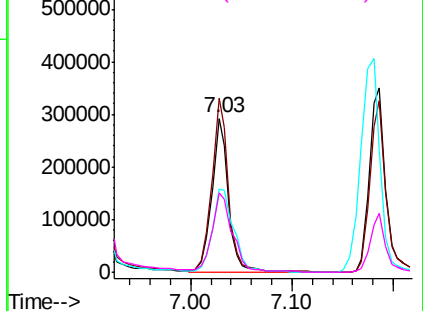
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

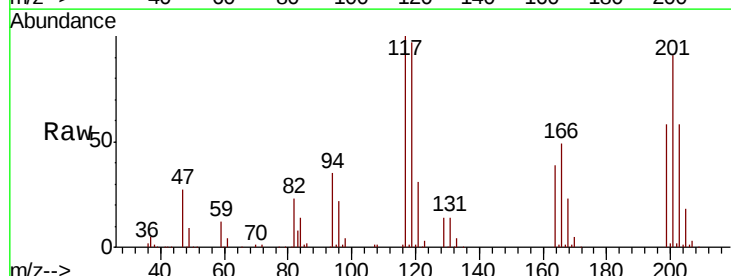
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.866 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.3	114.5
201	90.9	71.8	107.6

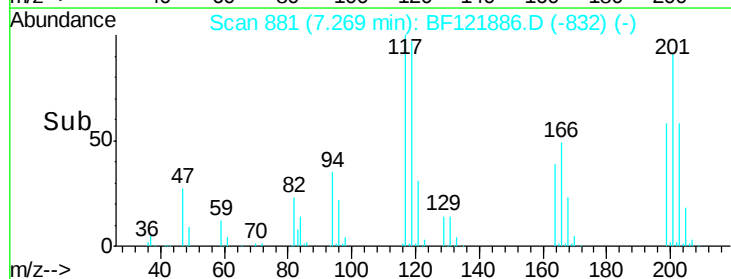
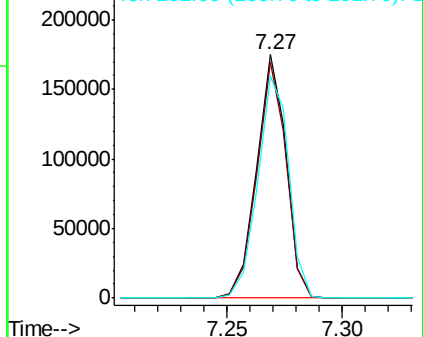


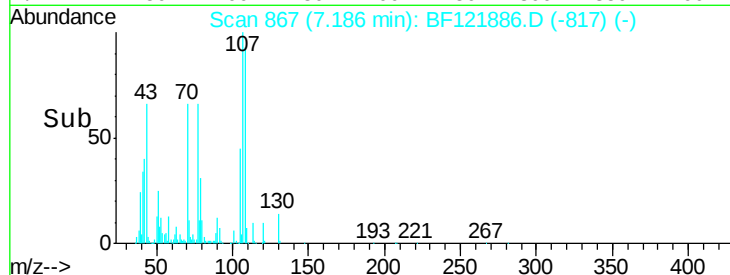
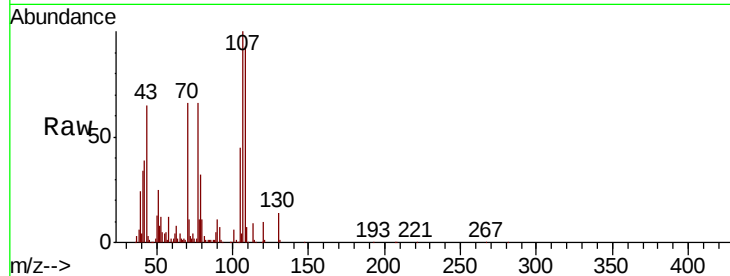
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

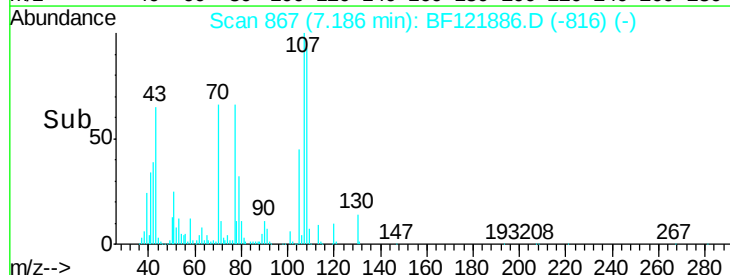
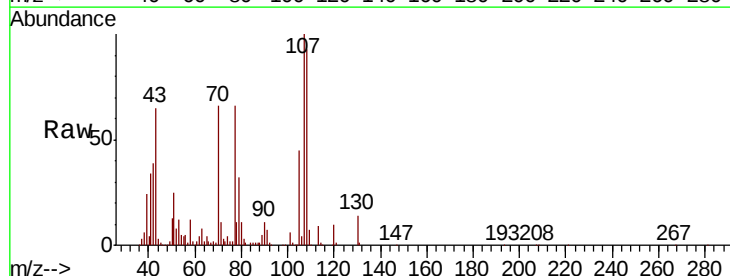
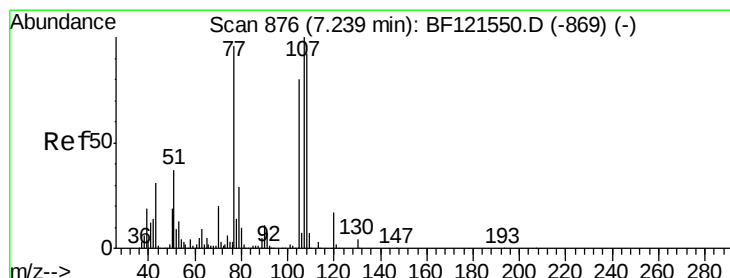
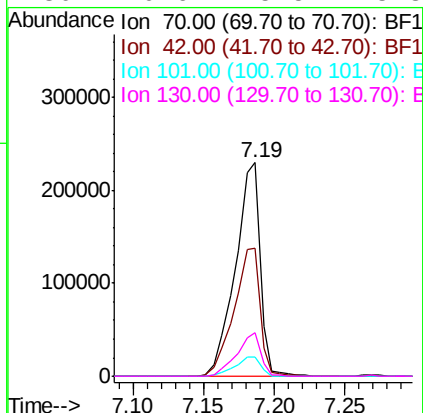




#19
n-Nitroso-di-n-propylamine
Concen: 37.861 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

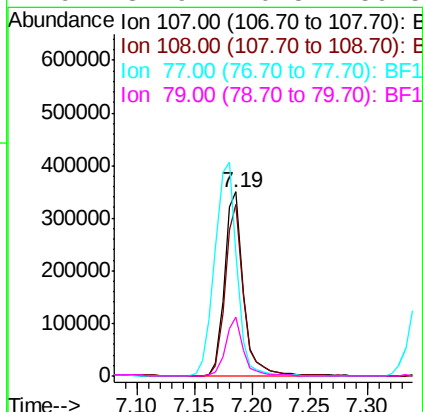
Instrument :
BNA_F
ClientSampleId :
PB132200BS

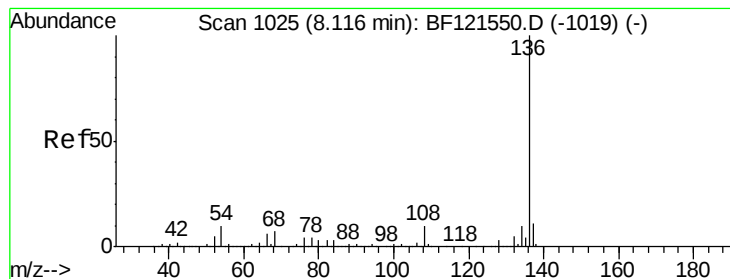
Tot Ion: 70 Resp: 281549
Ion Ratio Lower Upper
70 100
42 59.9 50.2 75.4
101 9.3 7.5 11.3
130 20.6 15.5 23.3



#20
3+4-Methylphenols
Concen: 38.425 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion: 107 Resp: 393354
Ion Ratio Lower Upper
107 100
108 93.3 68.9 108.9
77 66.4 108.0 148.0#
79 31.9 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

Tot Ion:136 Resp: 566752

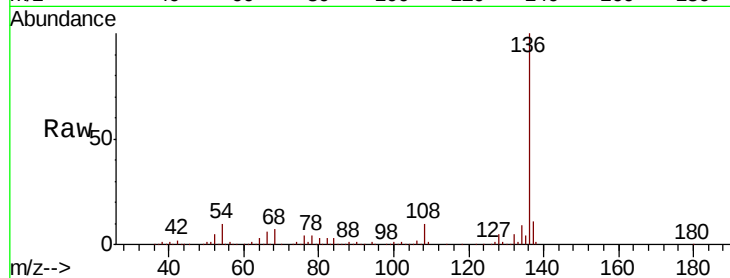
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.7 7.1 10.7

68 6.9 5.0 7.4

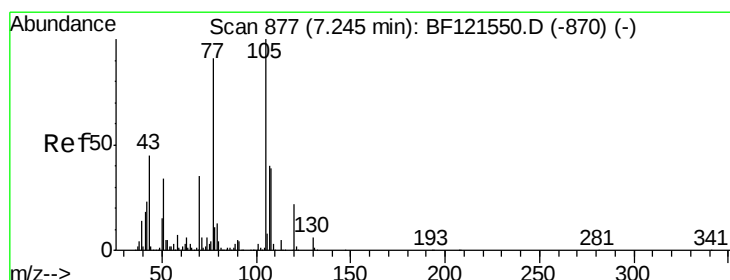
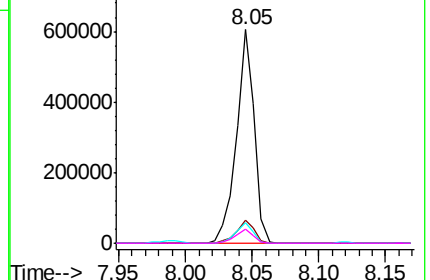
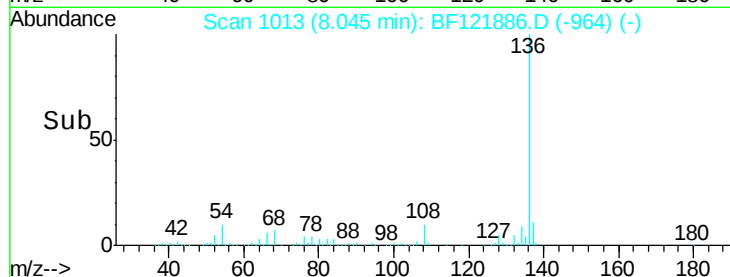


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.155 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion:105 Resp: 519888

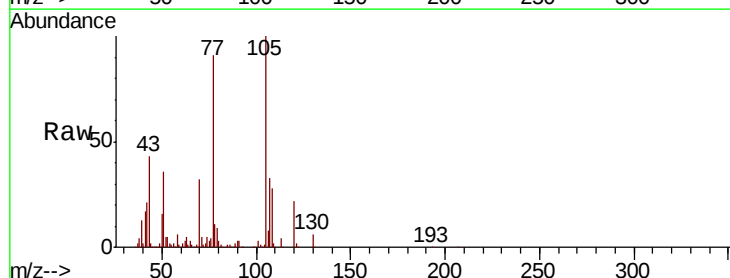
Ion Ratio Lower Upper

105 100

71 5.4 5.3 7.9

51 35.8 33.2 49.8

120 21.7 17.4 26.0

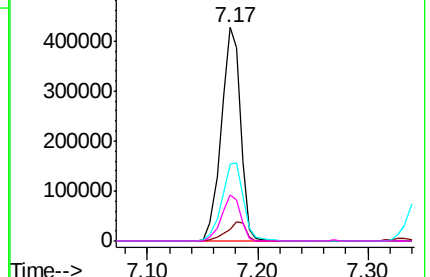
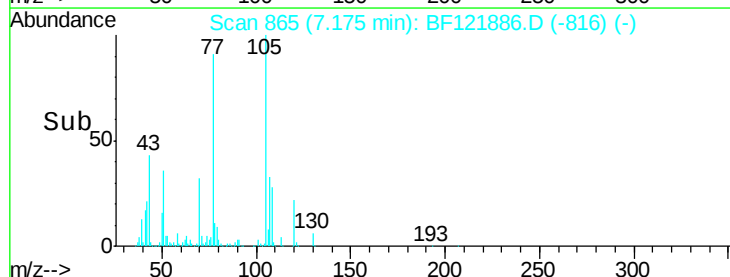


Abundance Ion 105.00 (104.70 to 105.70): E

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

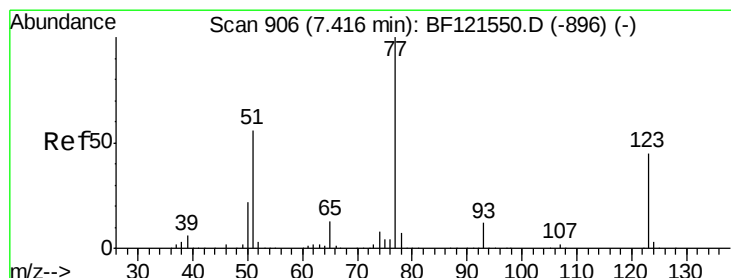
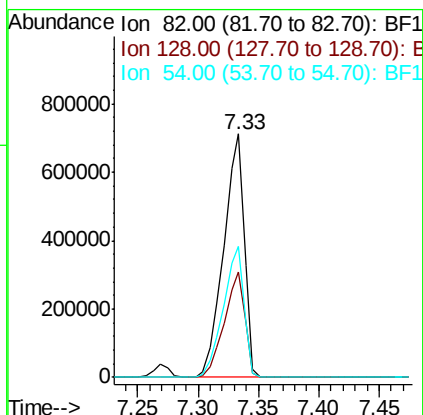
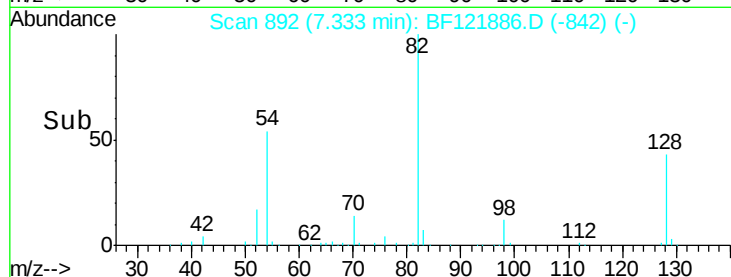
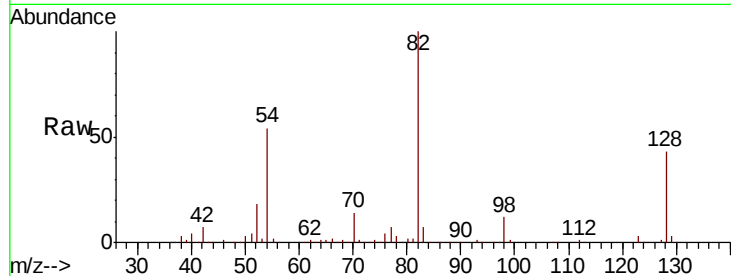




#23
 Nitrobenzene-d5
 Concen: 79.900 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

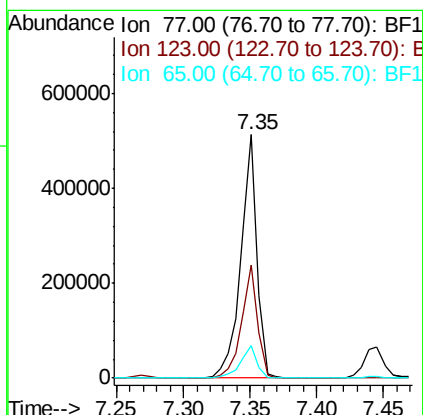
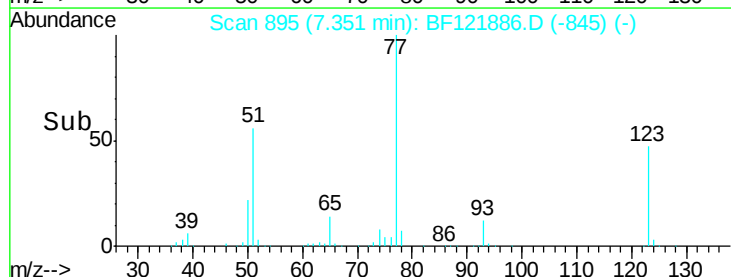
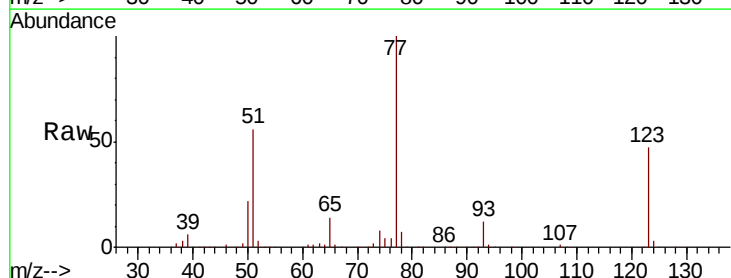
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

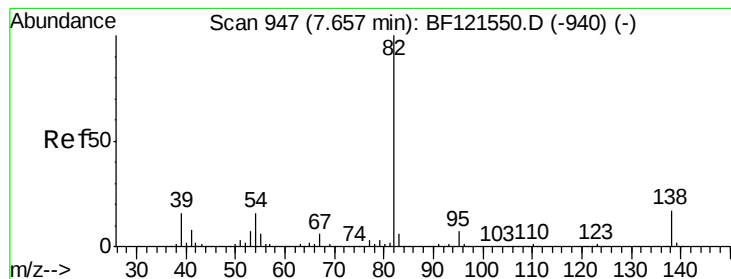
Tot Ion: 82 Resp: 843399
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.0 52.4
 54 54.0 43.9 65.9



#24
 Nitrobenzene
 Concen: 37.868 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion: 77 Resp: 432316
 Ion Ratio Lower Upper
 77 100
 123 46.7 35.6 53.4
 65 13.6 11.2 16.8





#25

Isophorone

Concen: 36.845 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

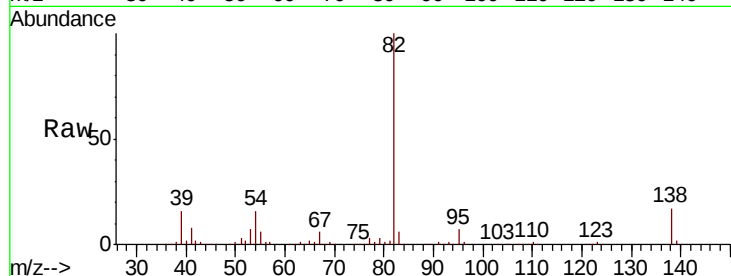
Tot Ion: 82 Resp: 782910

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

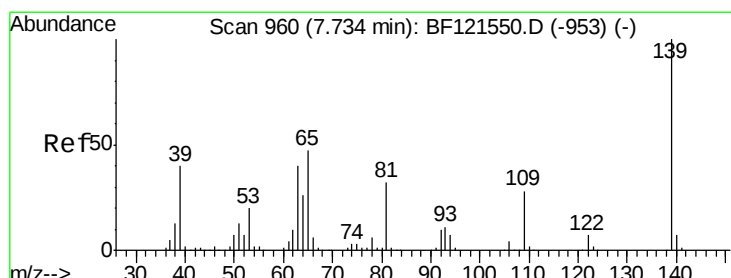
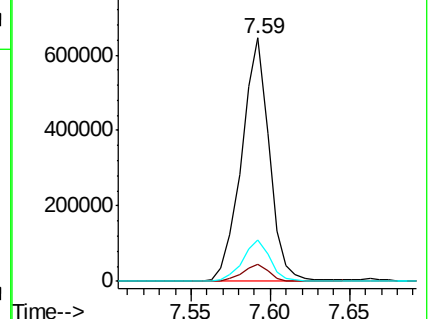
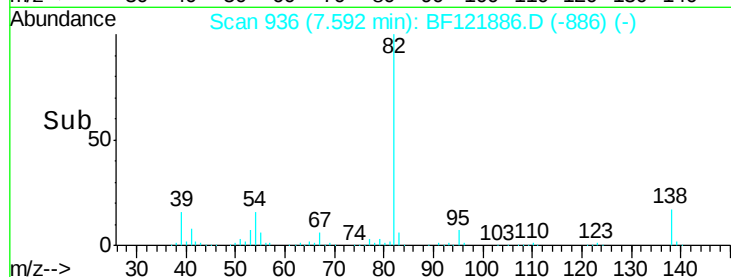
138 16.9 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.882 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

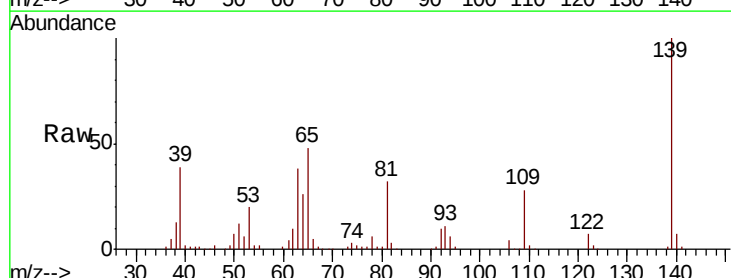
Tgt Ion: 139 Resp: 211891

Ion Ratio Lower Upper

139 100

109 27.8 23.0 34.4

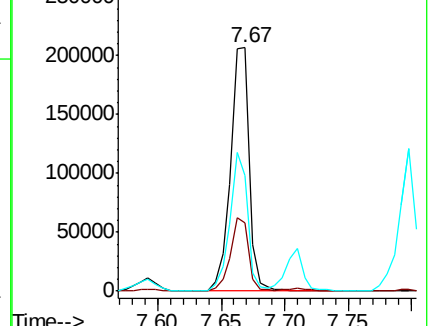
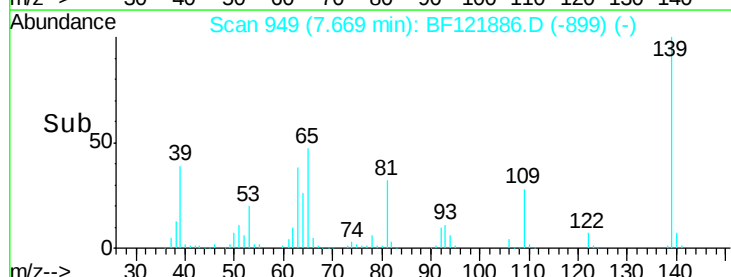
65 47.5 39.9 59.9

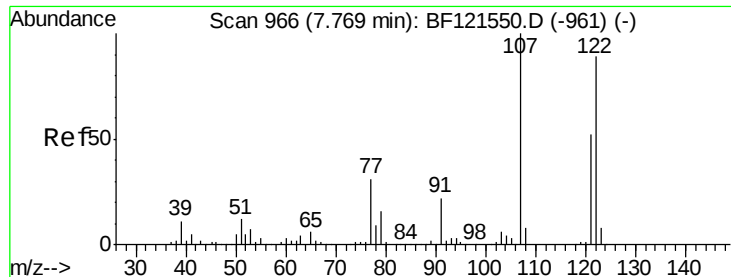


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.466 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

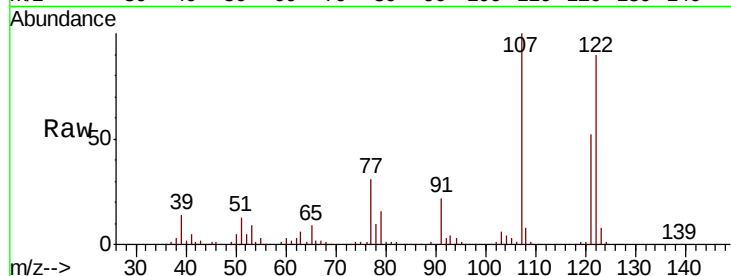
Tot Ion:122 Resp: 336391

Ion Ratio Lower Upper

122 100

107 111.2 90.8 136.2

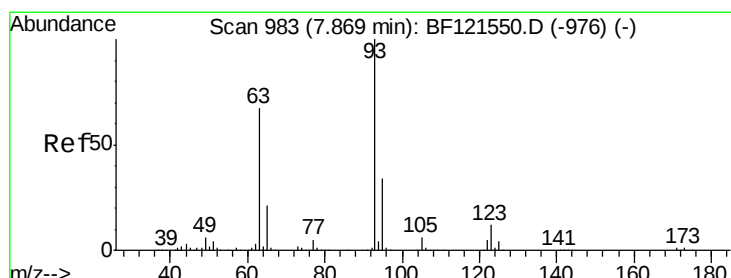
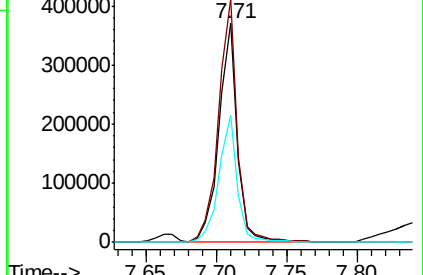
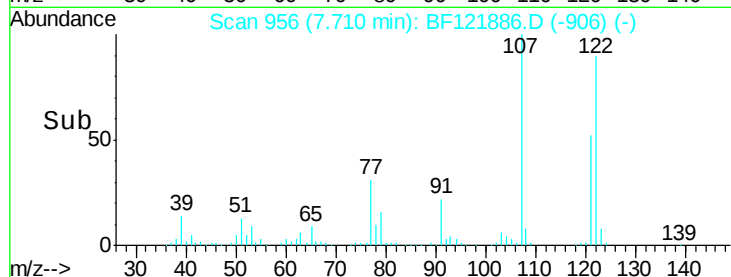
121 57.8 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.391 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

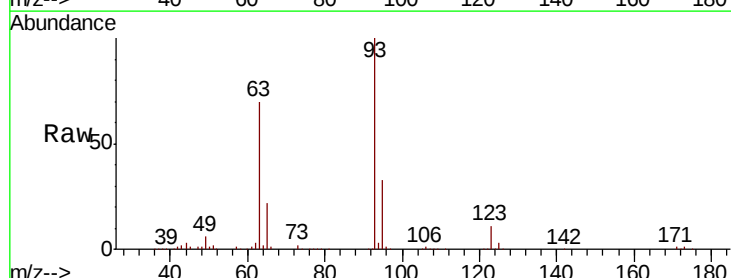
Tgt Ion: 93 Resp: 491864

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

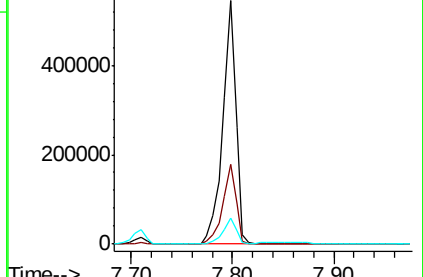
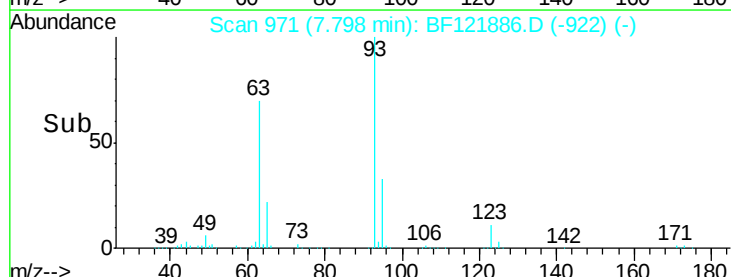
123 10.7 8.8 13.2

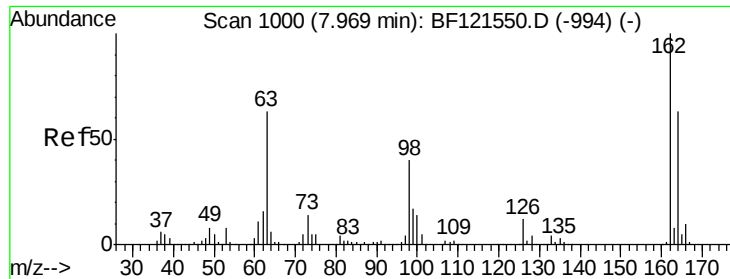


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

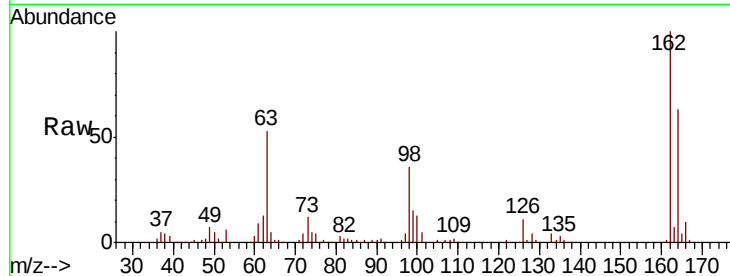




#29
2,4-Dichlorophenol
Concen: 38.392 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.5	82.5
98	36.2	20.1	60.1

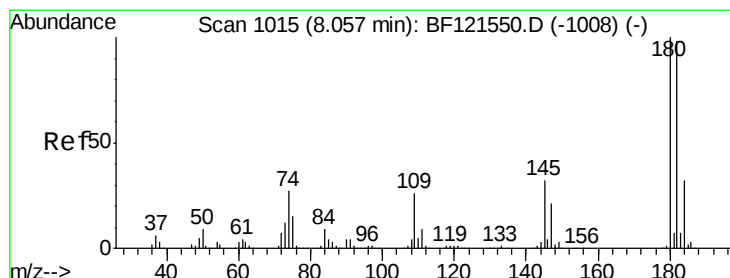
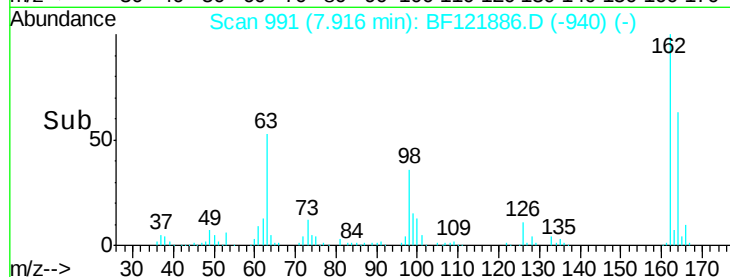
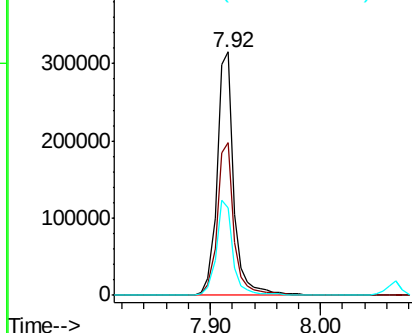


Abundance

Ion 162.00 (161.70 to 162.70): E

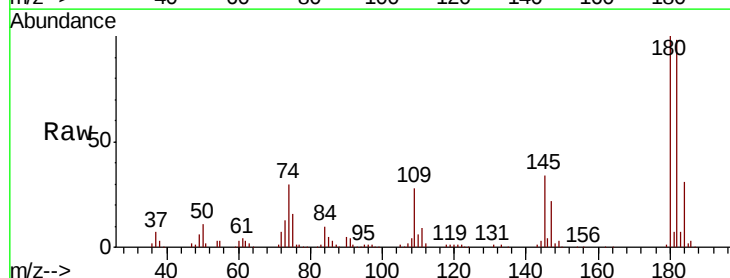
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.547 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	79.4	119.2
145	34.5	25.5	38.3

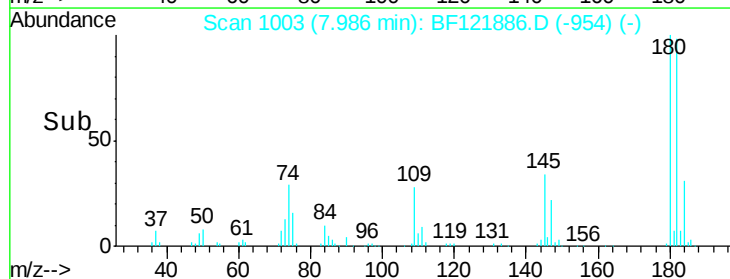
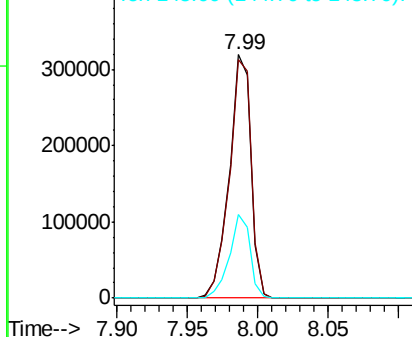


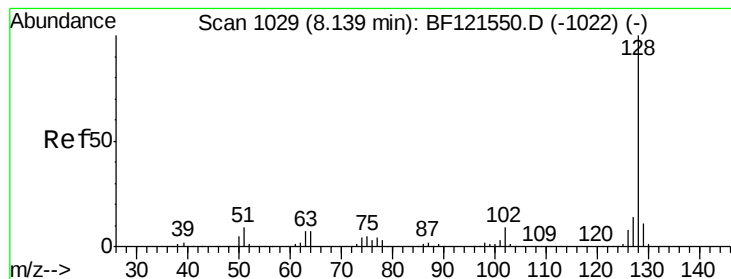
Abundance

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: 37.284 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

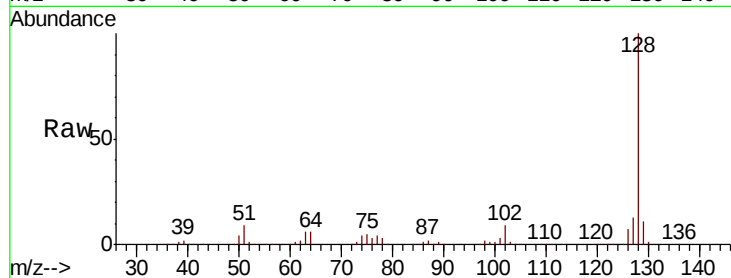
Tot Ion:128 Resp: 1115457

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

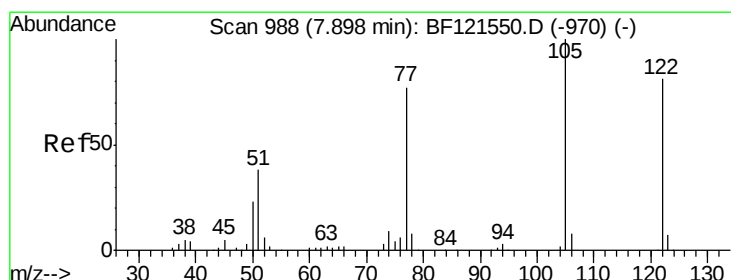
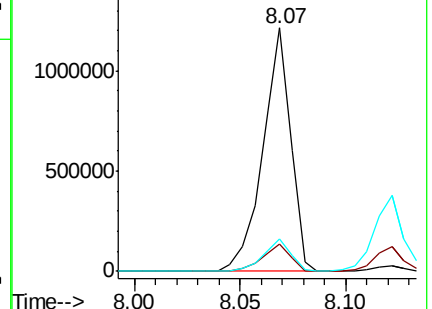
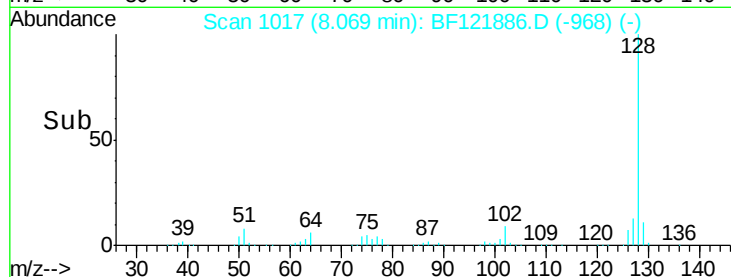
127 13.4 10.8 16.2



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: 26.949 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

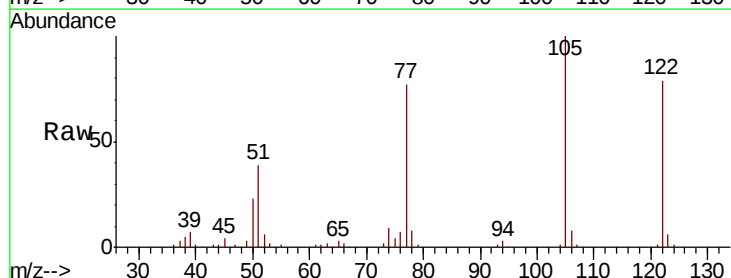
Tgt Ion:122 Resp: 165546

Ion Ratio Lower Upper

122 100

105 126.2 103.3 143.3

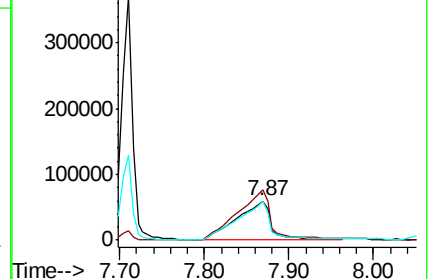
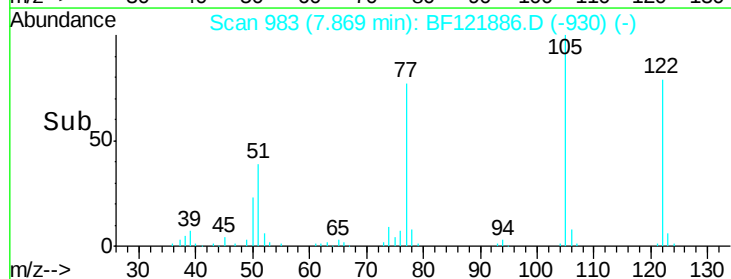
77 97.6 73.9 113.9

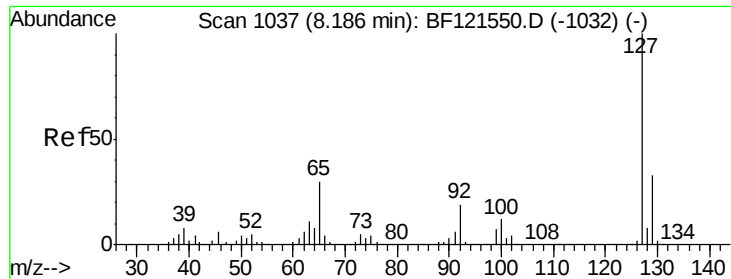


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

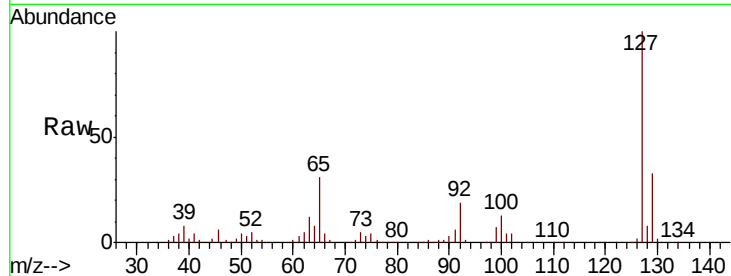




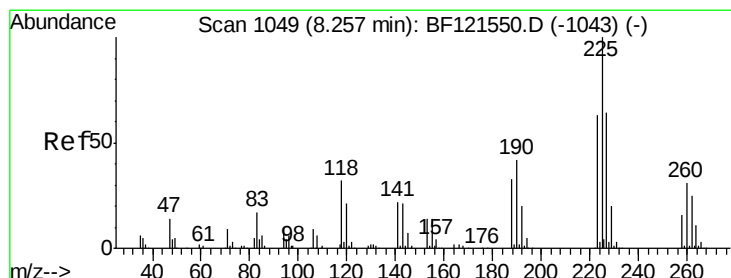
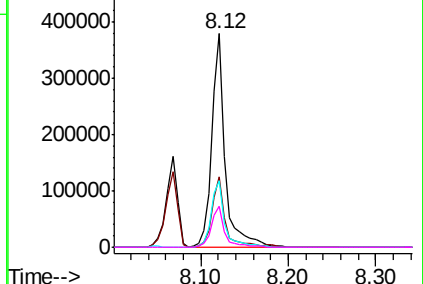
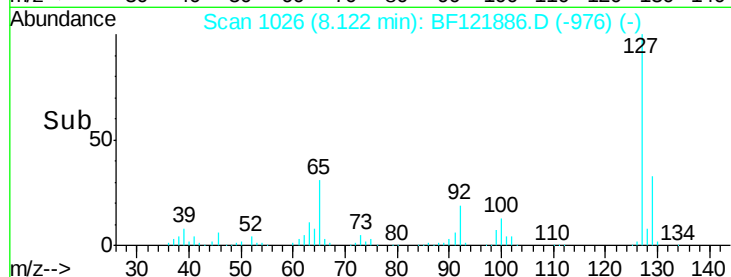
#33
4-Chloroaniline
Concen: 31.122 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:	127	Resp:	403612
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	31.4	26.2	39.2
92	19.3	15.9	23.9

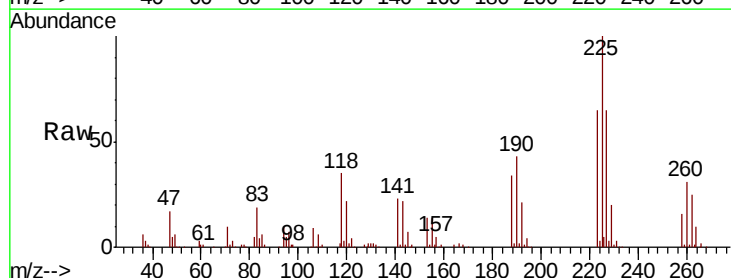


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

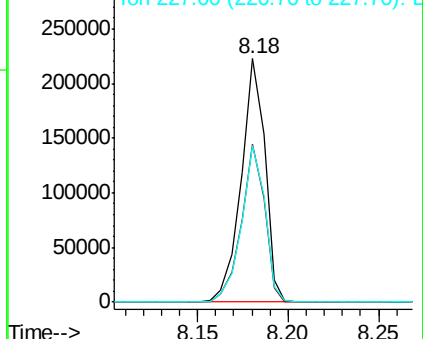
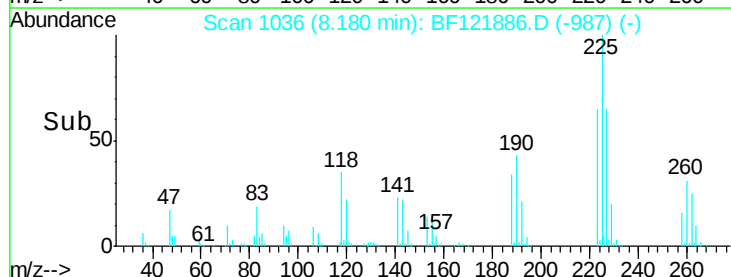


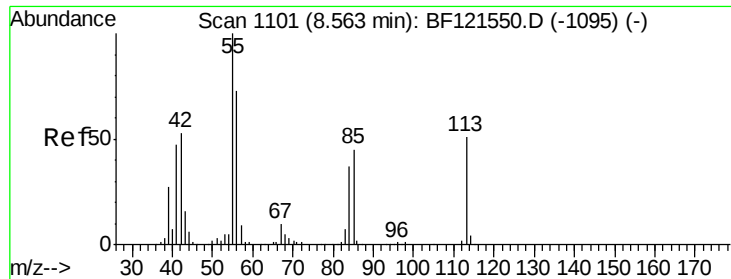
#34
Hexachlorobutadiene
Concen: 38.049 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:	225	Resp:	203197
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.1	76.7
227	64.5	51.0	76.6



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

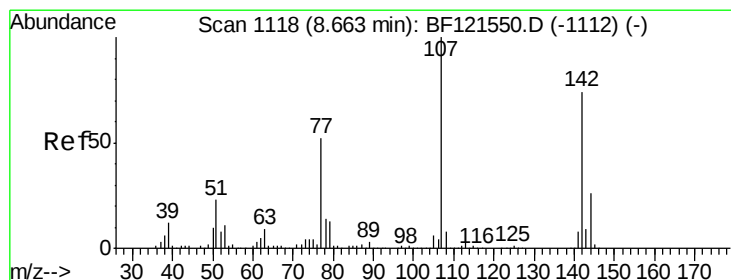
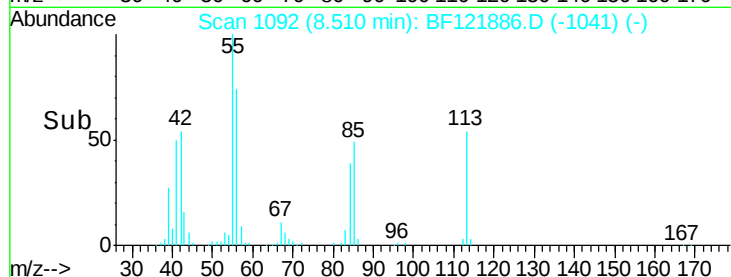
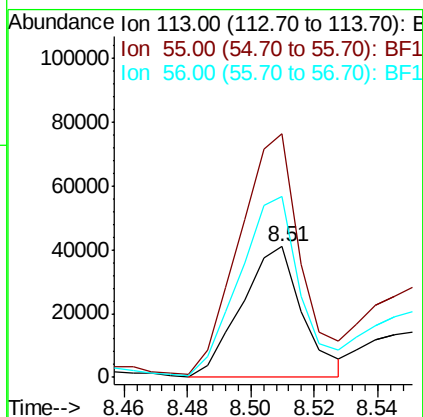
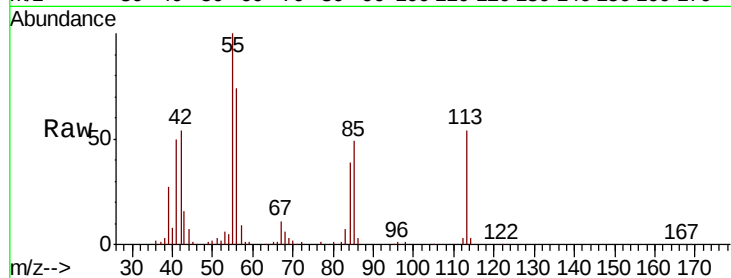




#35
Caprolactam
Concen: 19.054 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

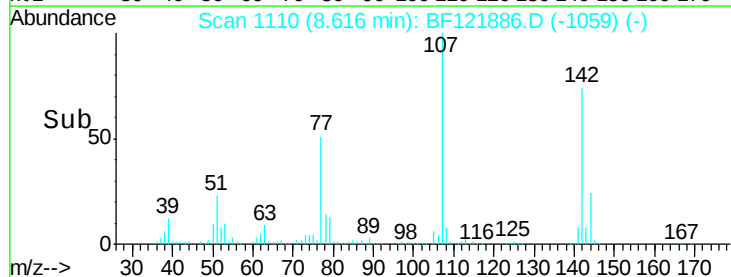
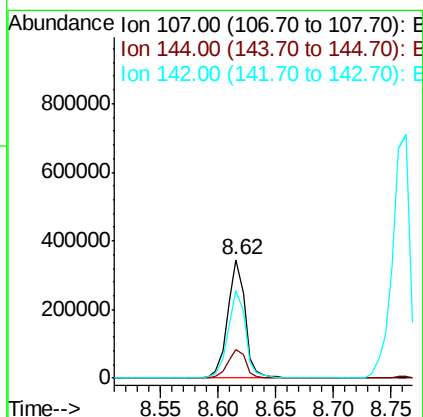
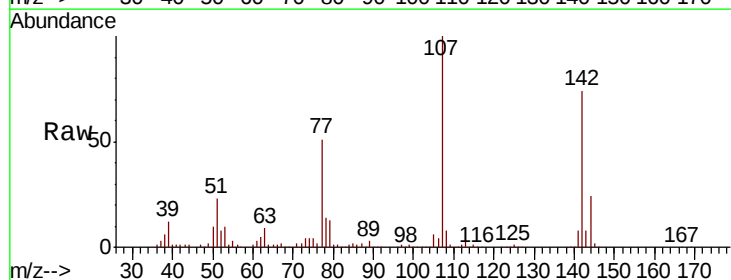
Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:113 Resp: 54815
Ion Ratio Lower Upper
113 100
55 186.3 167.5 207.5
56 138.2 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 38.968 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:107 Resp: 362649
Ion Ratio Lower Upper
107 100
144 24.5 20.1 30.1
142 73.8 59.3 88.9

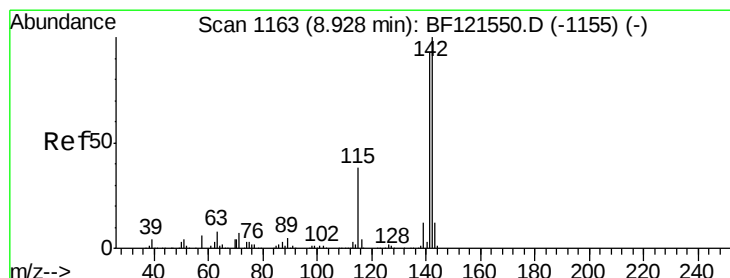
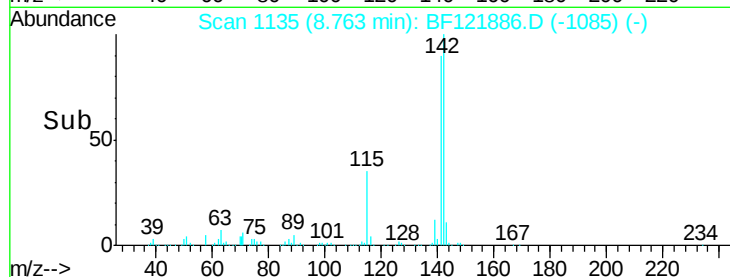
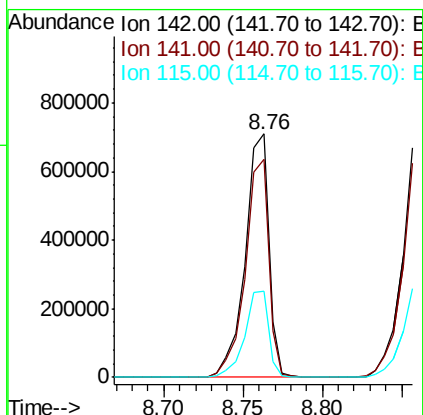
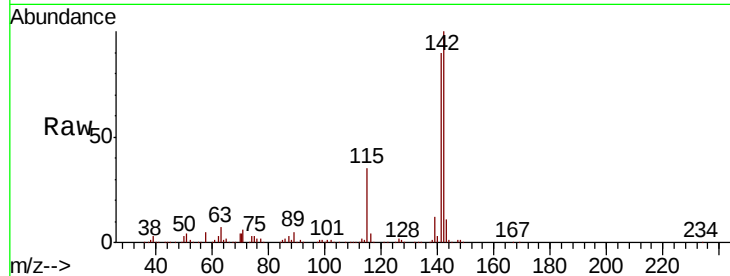




#37
 2-Methylnaphthalene
 Concen: 37.488 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

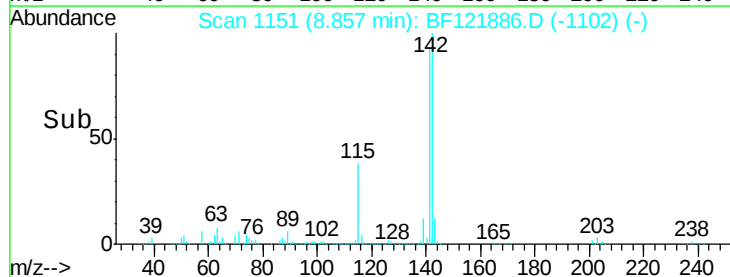
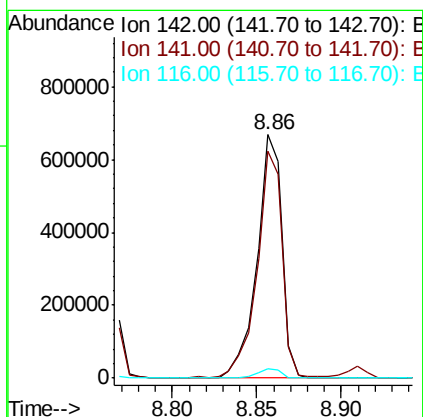
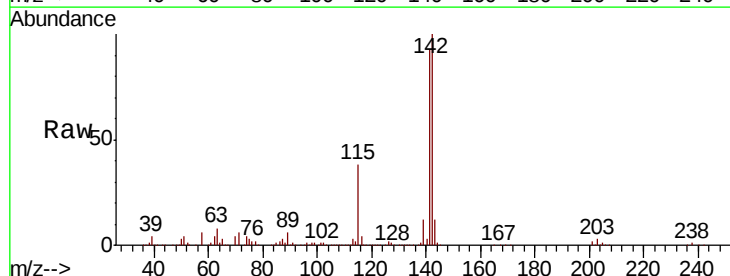
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

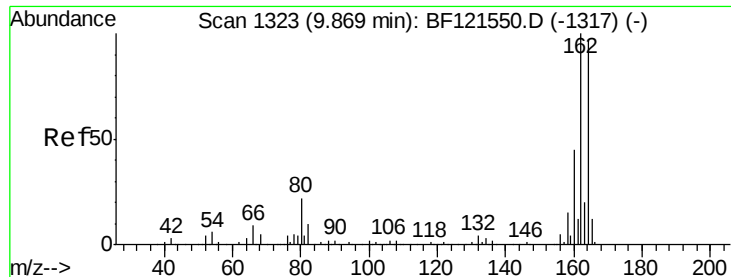
Tot Ion:142 Resp: 734994
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.2 105.4
 115 35.4 28.6 43.0



#38
 1-Methylnaphthalene
 Concen: 37.524 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:142 Resp: 684703
 Ion Ratio Lower Upper
 142 100
 141 93.1 74.5 111.7
 116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

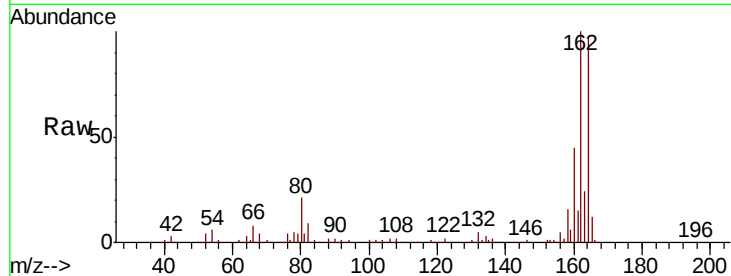
Tot Ion:164 Resp: 294062

Ion Ratio Lower Upper

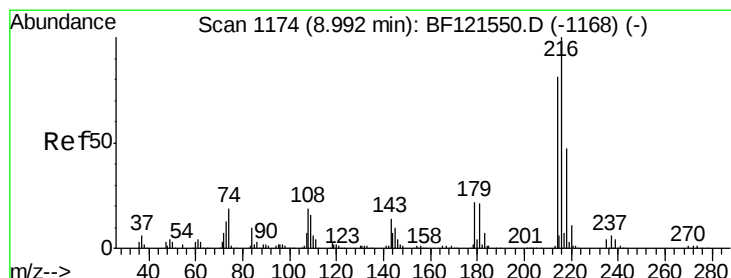
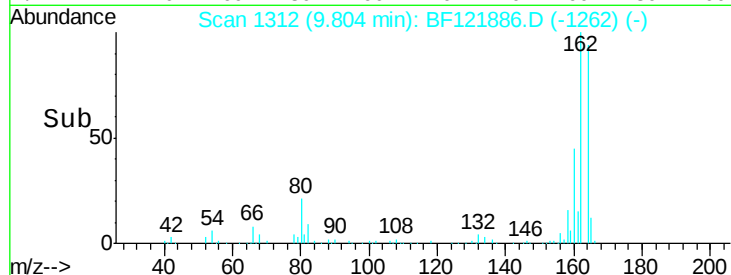
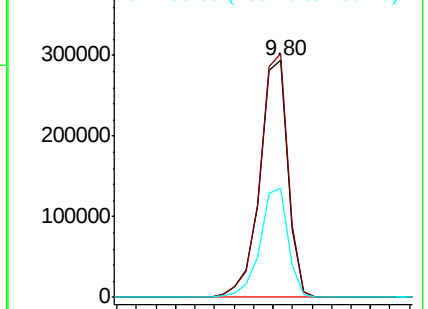
164 100

162 102.7 83.2 124.8

160 46.3 37.5 56.3



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: 36.936 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion:216 Resp: 339277

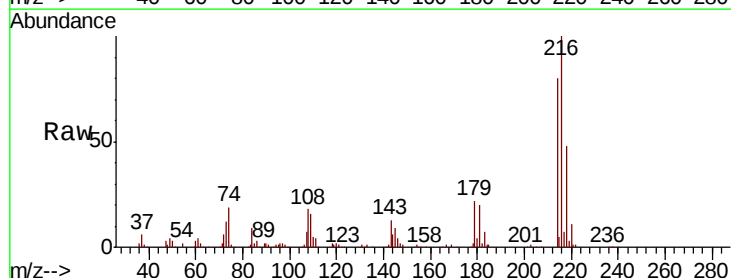
Ion Ratio Lower Upper

216 100

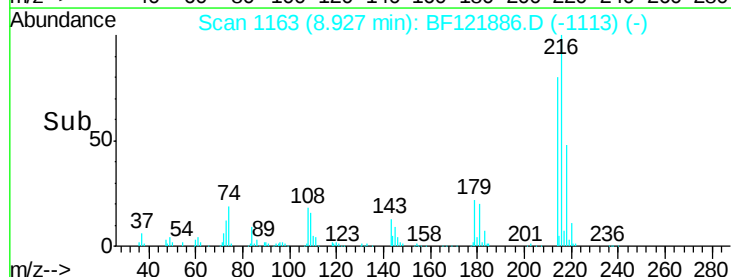
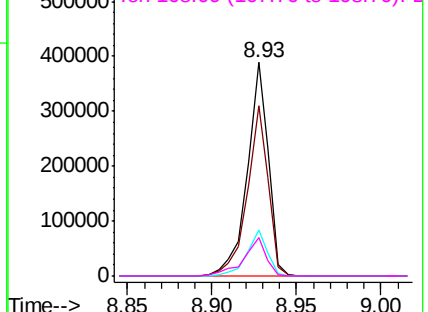
214 79.0 63.4 95.2

179 20.9 17.0 25.6

108 19.8 15.5 23.3



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: 41.013 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

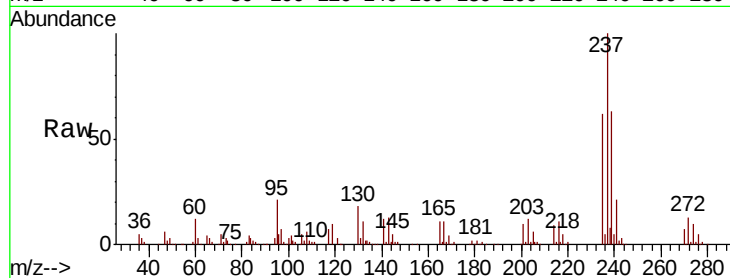
Tot Ion:237 Resp: 215139

Ion Ratio Lower Upper

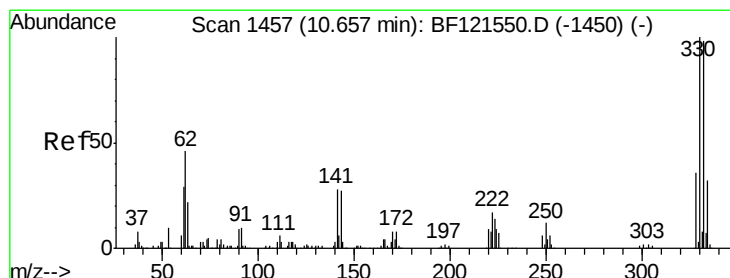
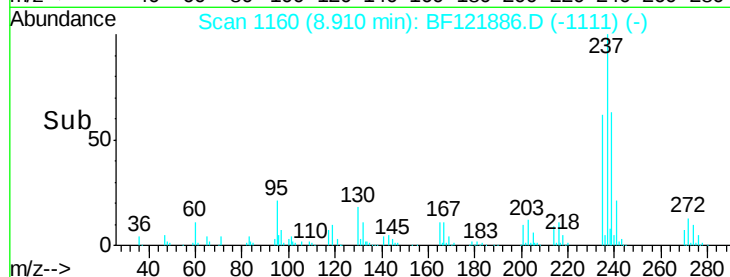
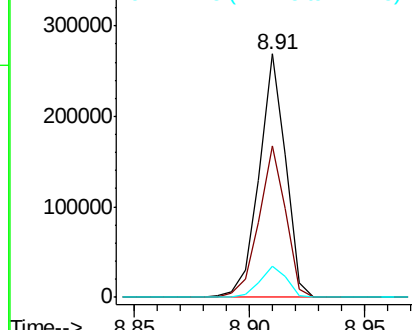
237 100

235 62.3 41.8 81.8

272 12.8 0.0 33.5



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: 104.719 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

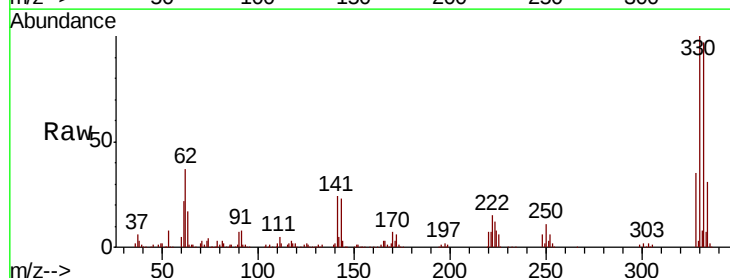
Tgt Ion:330 Resp: 382725

Ion Ratio Lower Upper

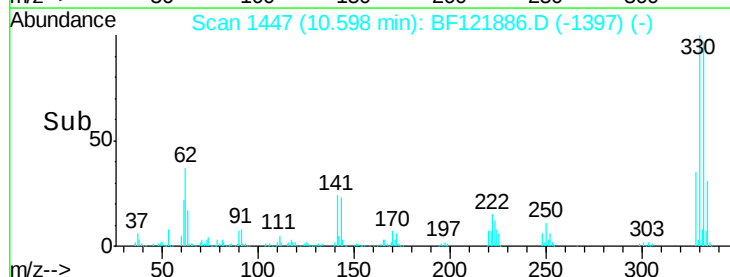
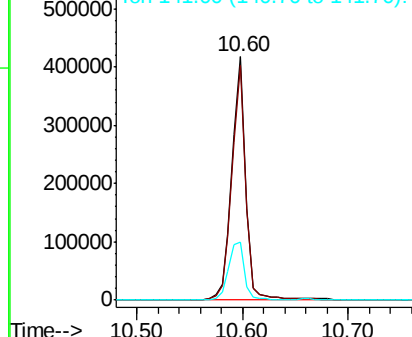
330 100

332 97.1 77.3 115.9

141 27.8 22.3 33.5



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

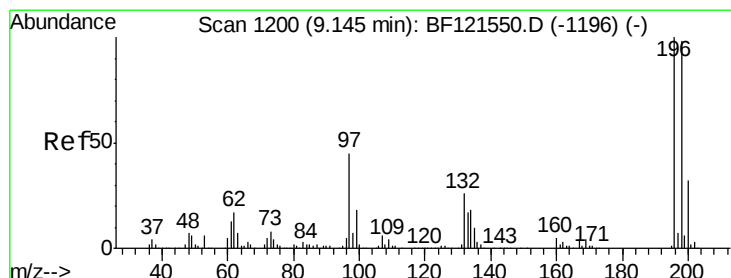
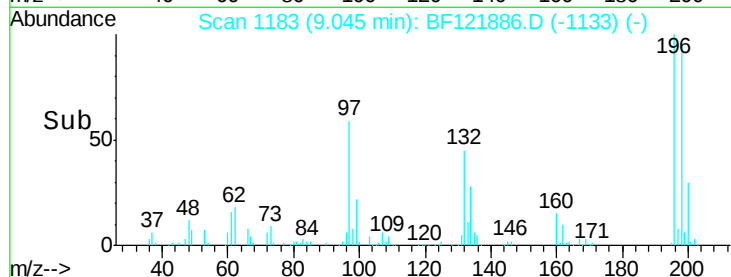
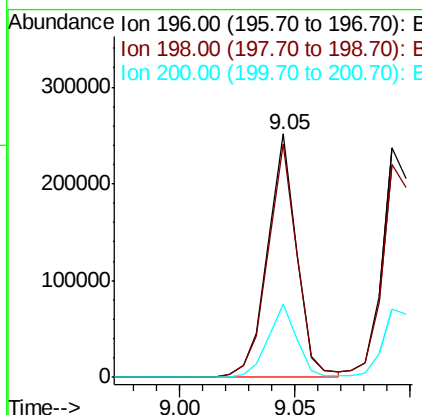
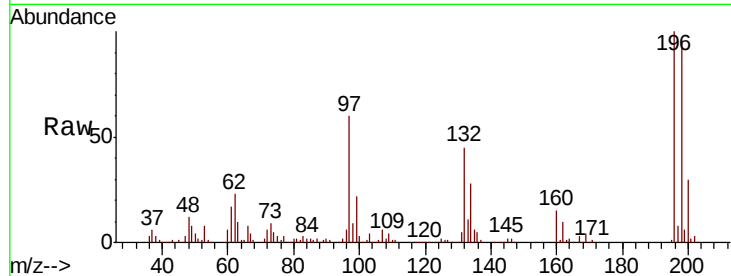




#43
 2,4,6-Trichlorophenol
 Concen: 35.484 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

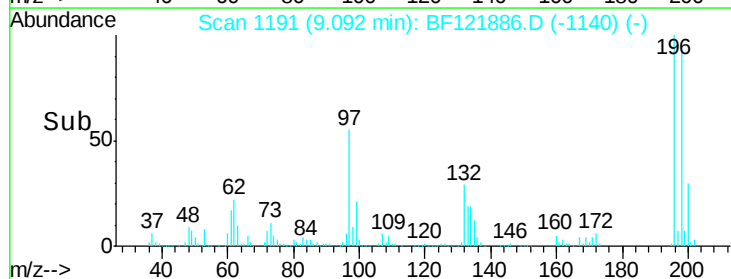
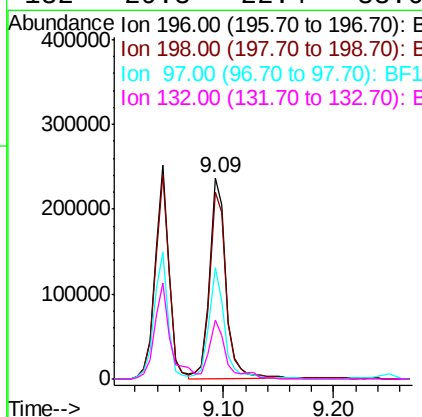
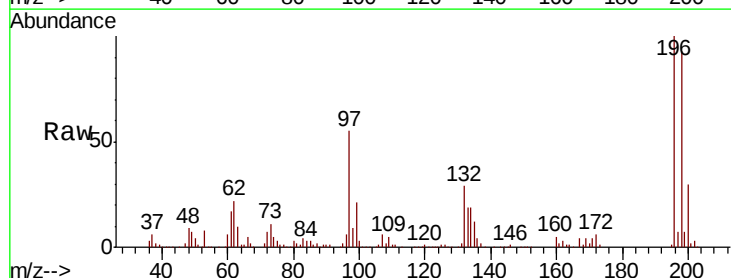
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

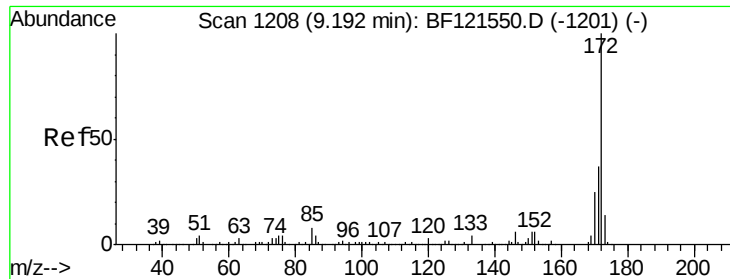
Tot Ion:196 Resp: 222165
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.8 113.6
 200 30.4 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 35.949 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:196 Resp: 237944
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.1 114.1
 97 55.4 41.0 61.6
 132 29.3 22.4 33.6



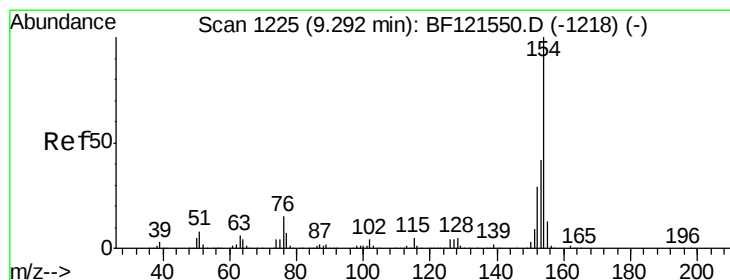
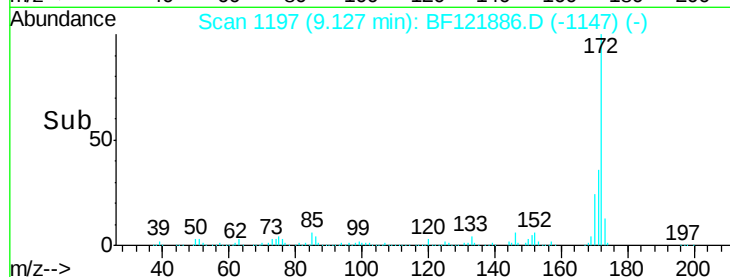
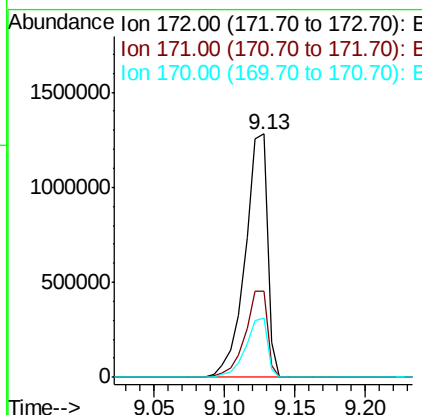
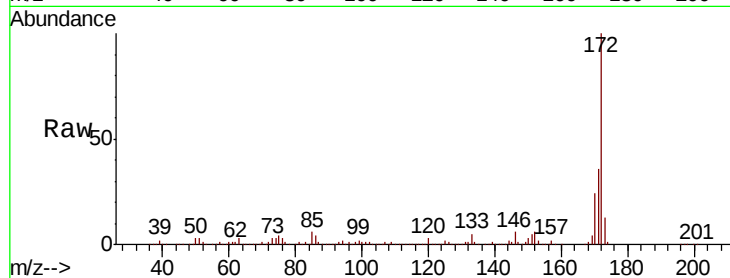


#45
 2-Fluorobiphenyl
 Concen: 72.958 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion:172 Resp: 1416557

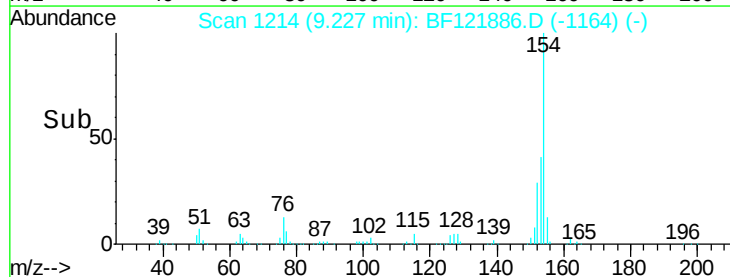
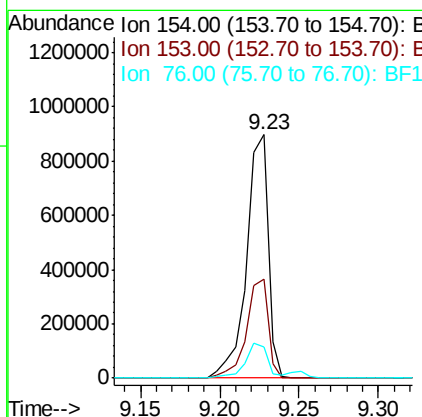
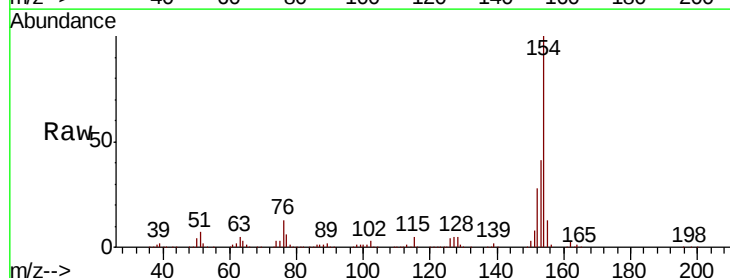
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	24.4	19.8	29.6

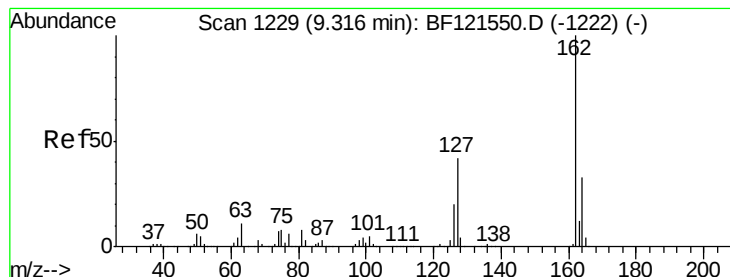


#46
 1,1'-Biphenyl
 Concen: 36.070 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:154 Resp: 849144

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.0	0.0	34.7





#47

2-Chloronaphthalene

Concen: 36.672 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

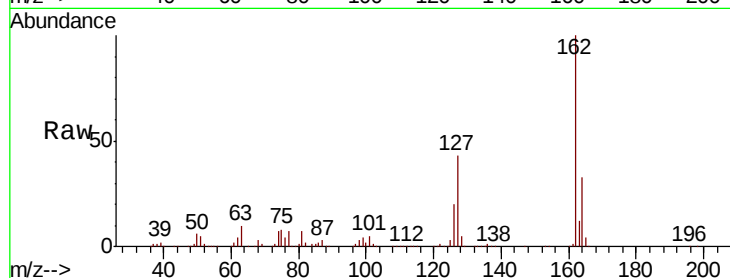
Tot Ion:162 Resp: 680311

Ion Ratio Lower Upper

162 100

127 42.5 34.4 51.6

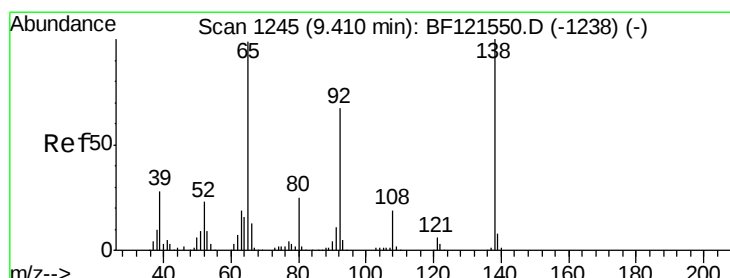
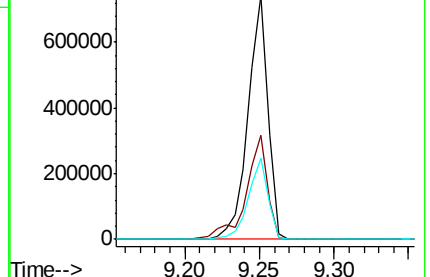
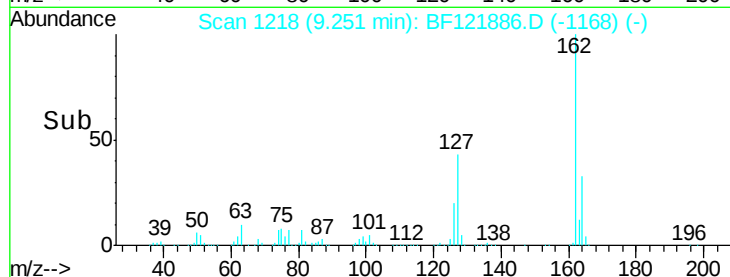
164 33.0 26.3 39.5



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: 41.652 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

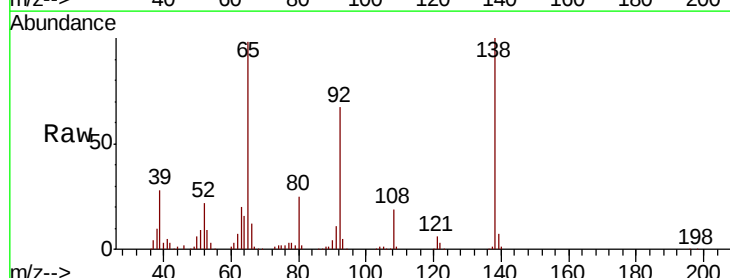
Tgt Ion: 65 Resp: 240119

Ion Ratio Lower Upper

65 100

92 68.3 55.1 82.7

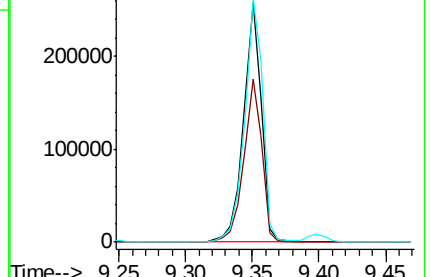
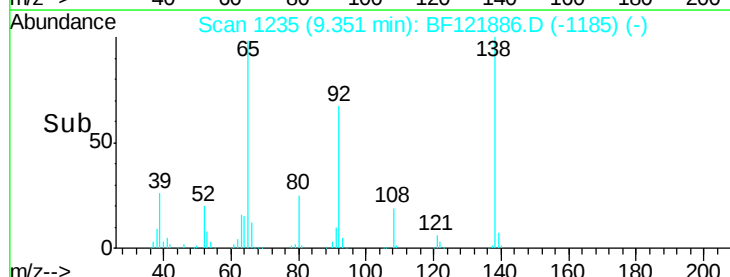
138 101.7 80.5 120.7

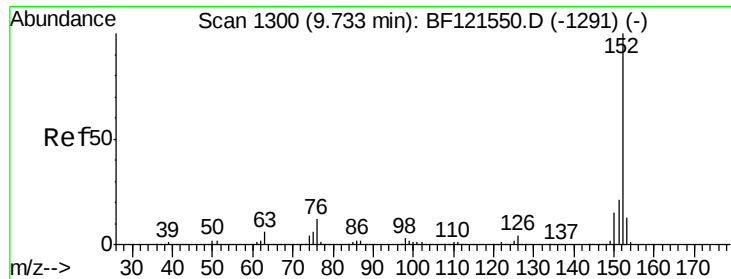


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#49

Acenaphthylene

Concen: 36.430 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

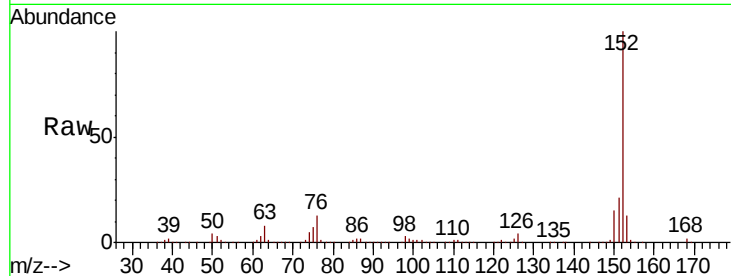
Tot Ion:152 Resp: 1038381

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

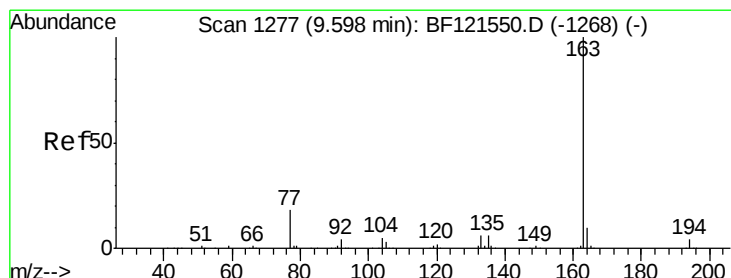
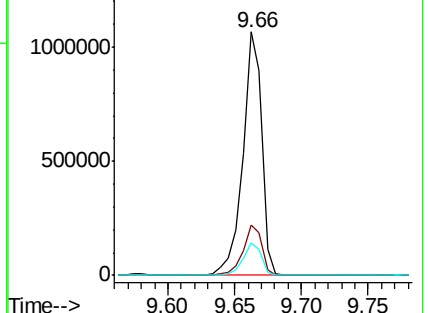
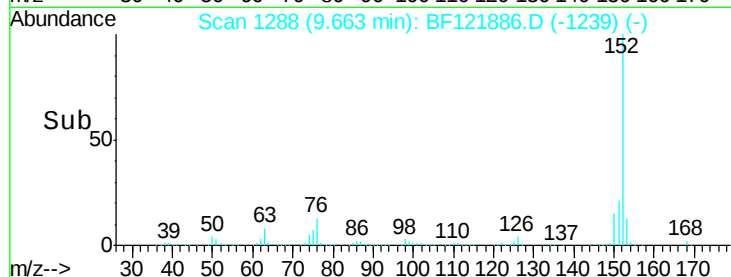
153 13.5 10.6 15.8



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: 38.745 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

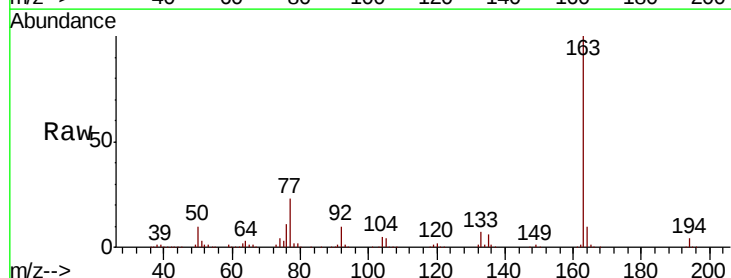
Tgt Ion:163 Resp: 825786

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

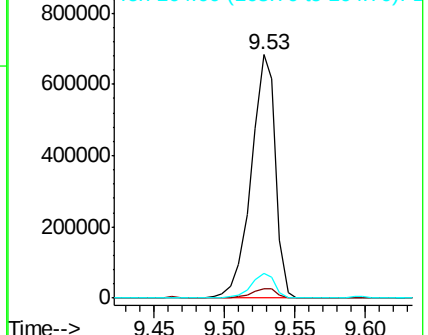
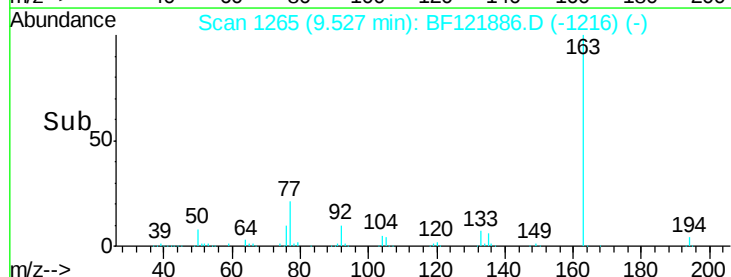
164 10.3 8.2 12.4

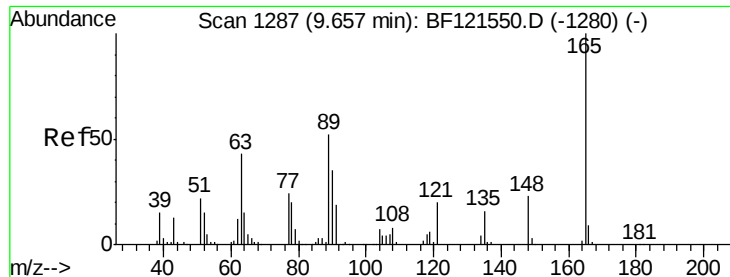


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.200 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

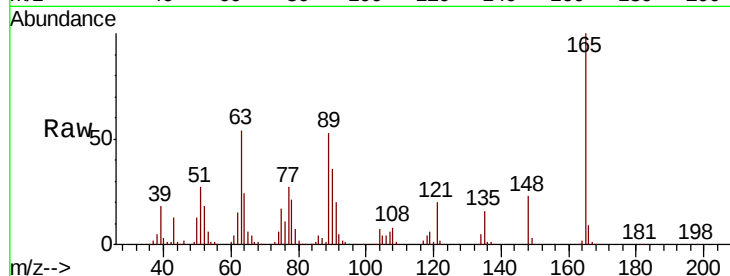
Tot Ion:165 Resp: 182469

Ion Ratio Lower Upper

165 100

63 53.8 51.8 77.6

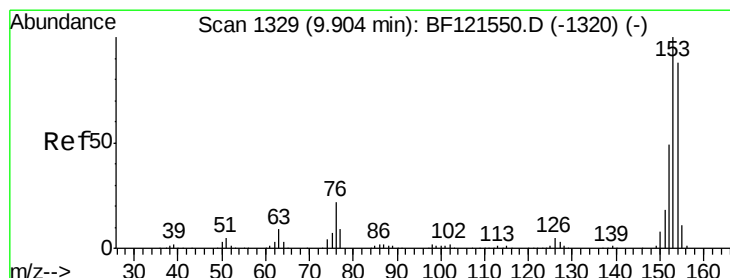
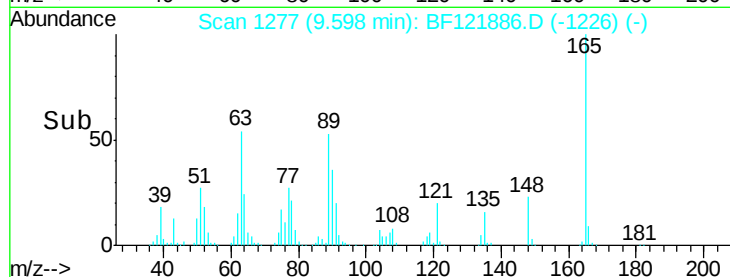
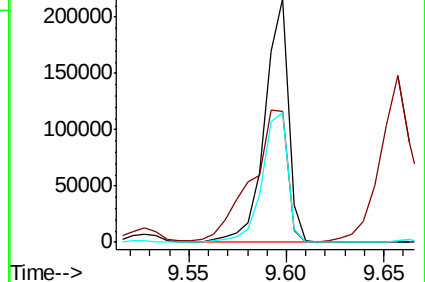
89 53.3 49.0 73.6



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: 34.657 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

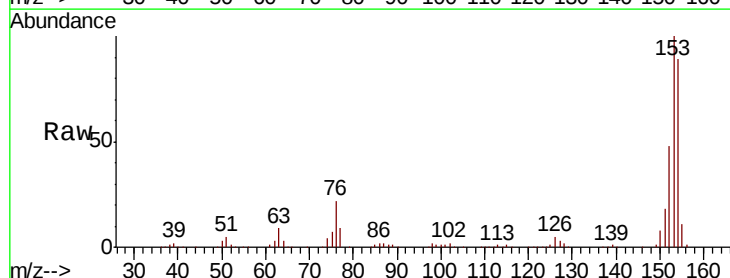
Tgt Ion:154 Resp: 623941

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.8

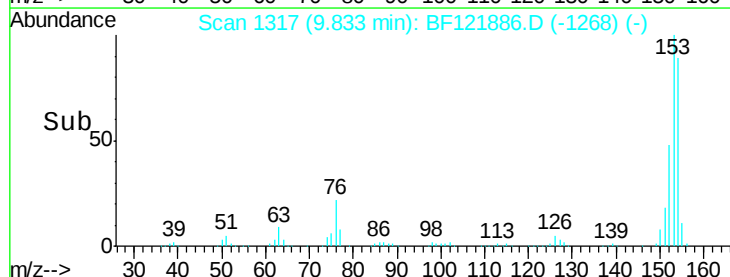
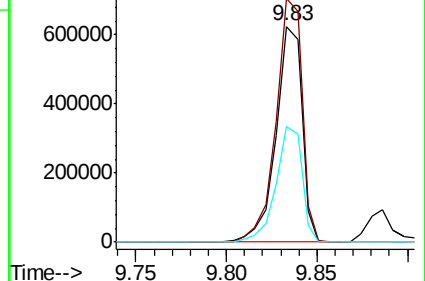
152 53.9 43.2 64.8

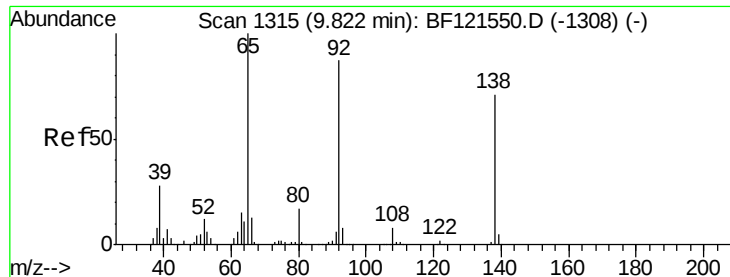


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

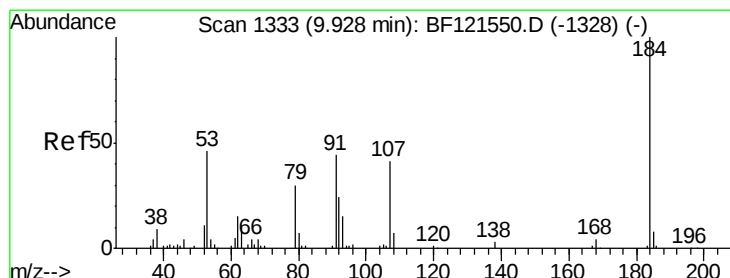
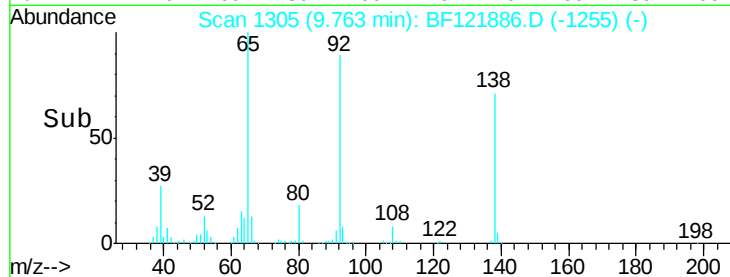
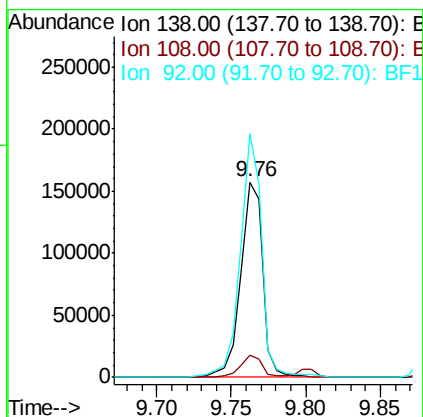
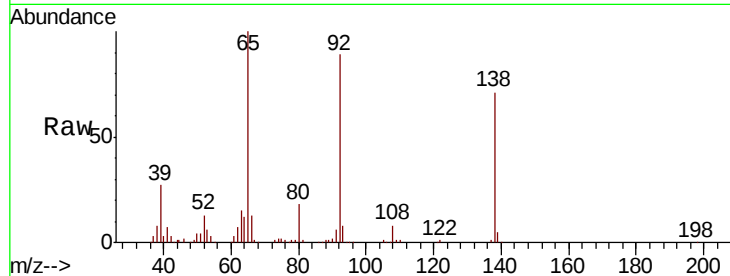




#53
3-Nitroaniline
Concen: 30.838 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

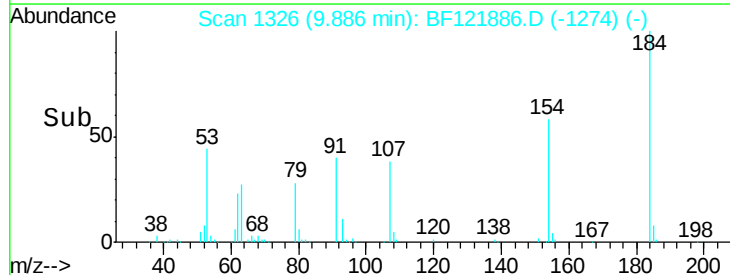
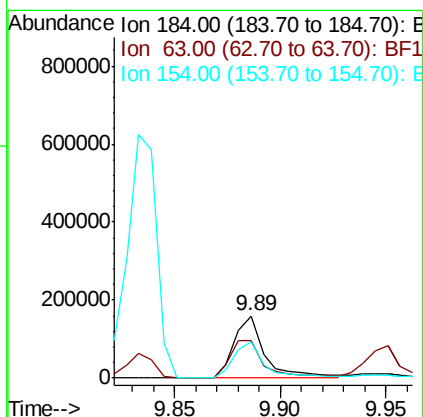
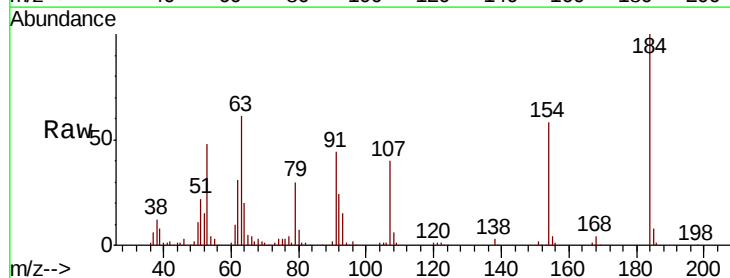
Instrument :
BNA_F
ClientSampleId :
PB132200BS

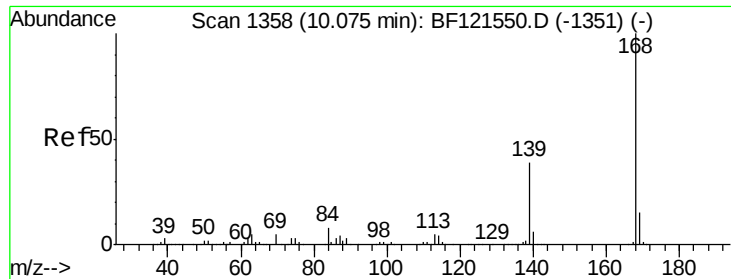
Tot Ion:138 Resp: 162149
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 124.8 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 64.065 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:184 Resp: 162401
Ion Ratio Lower Upper
184 100
63 60.7 45.9 68.9
154 58.3 45.8 68.6

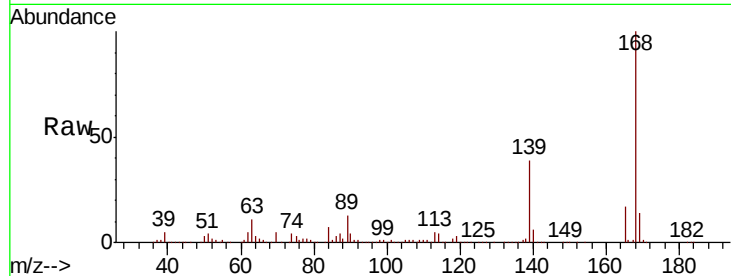




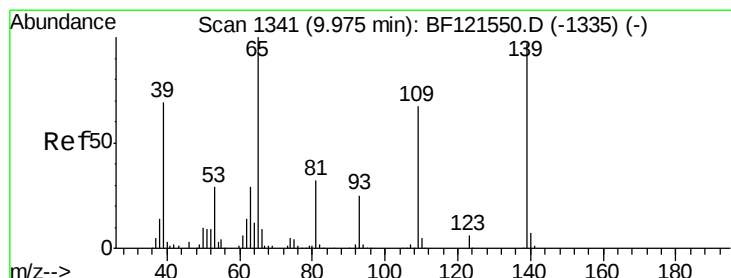
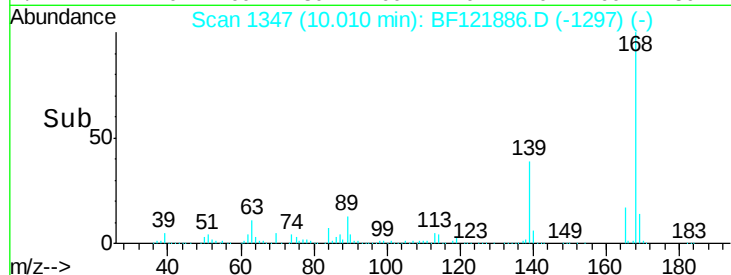
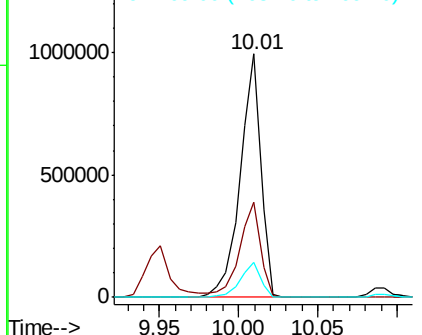
#55
Dibenzenofuran
Concen: 35.173 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:168 Resp: 891750
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.6
169 14.1 11.3 16.9

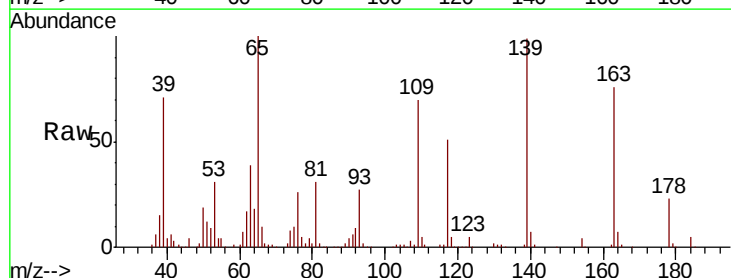


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

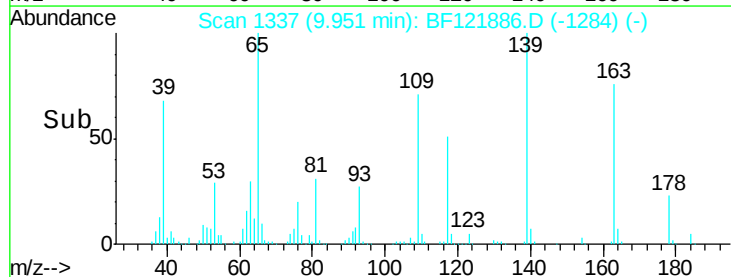
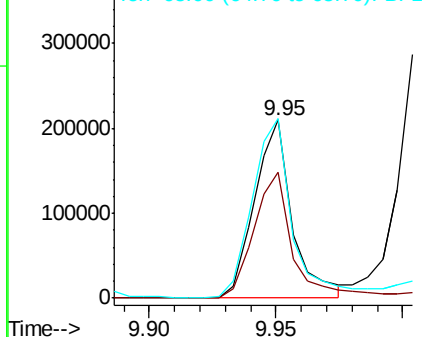


#56
4-Nitrophenol
Concen: 51.980 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:139 Resp: 217972
Ion Ratio Lower Upper
139 100
109 70.9 45.4 85.4
65 100.6 68.4 108.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

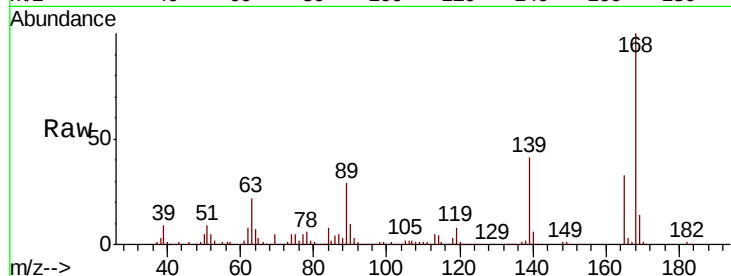




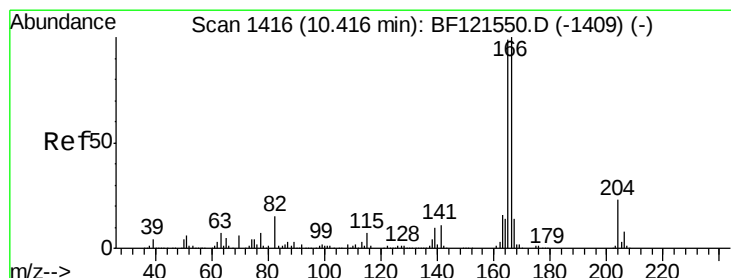
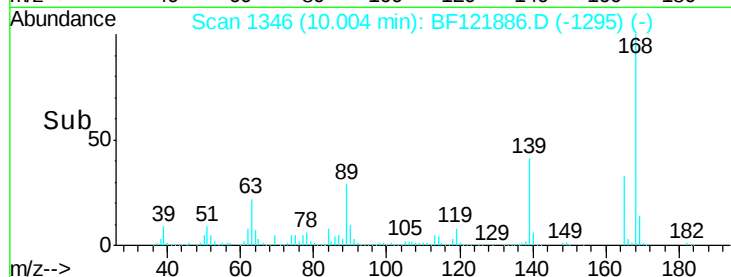
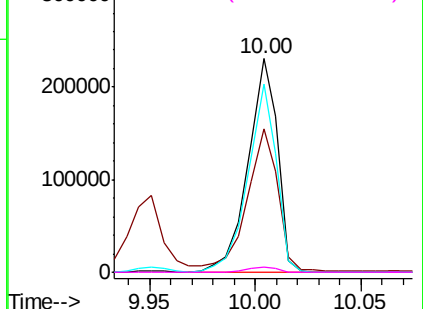
#57
2,4-Dinitrotoluene
Concen: 39.193 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.4	41.3	61.9#
89	87.9	61.8	92.8
182	2.6	2.1	3.1

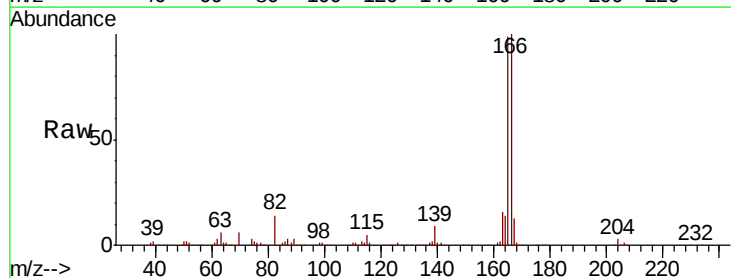


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

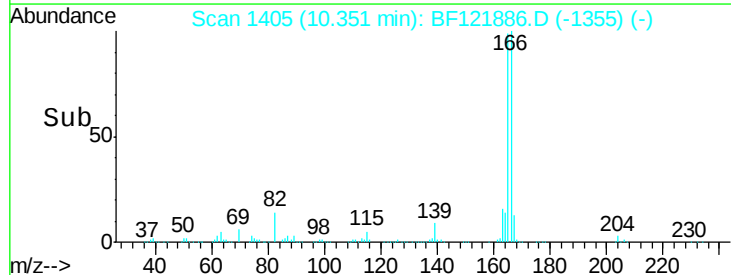
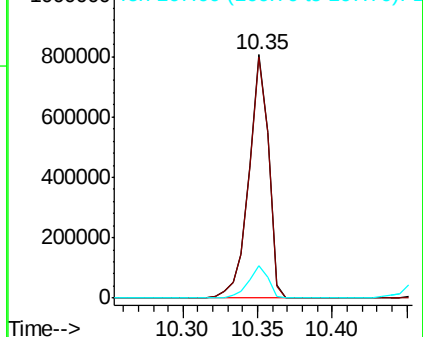


#58
Fluorene
Concen: 37.606 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.1	118.7
167	13.4	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

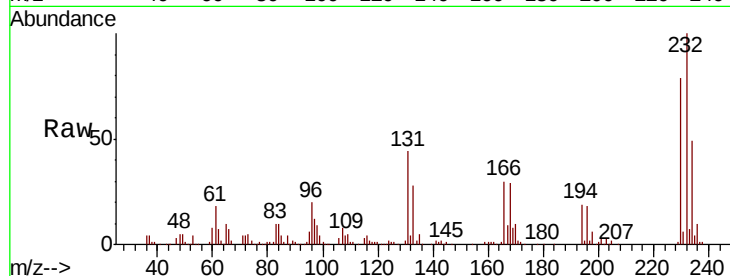




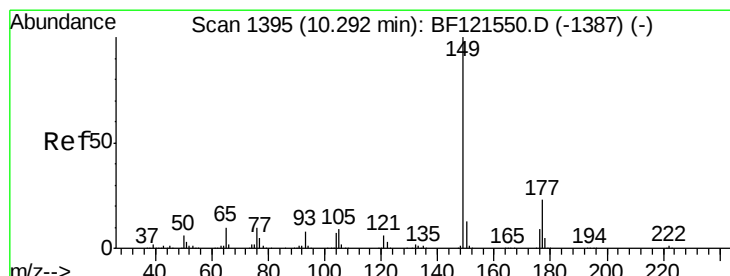
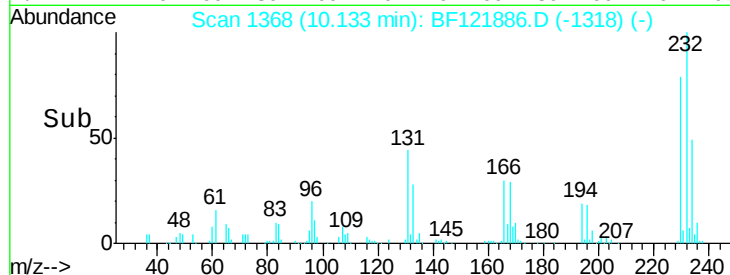
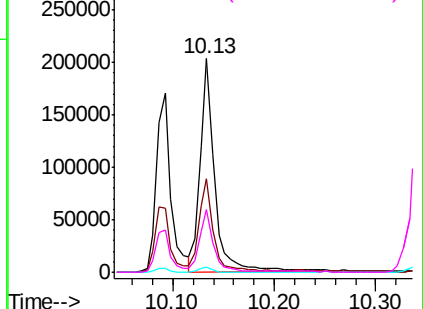
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.103 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:232	Resp:	199648
Ion Ratio	Lower	Upper
232	100	
131	42.4	35.9 53.9
130	2.2	1.8 2.6
166	28.2	23.5 35.3

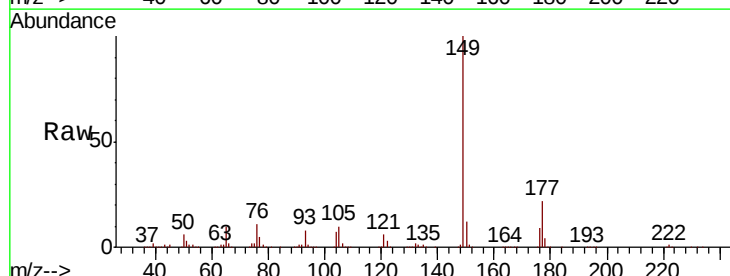


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

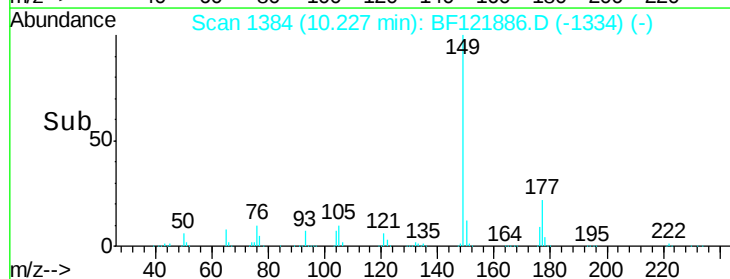
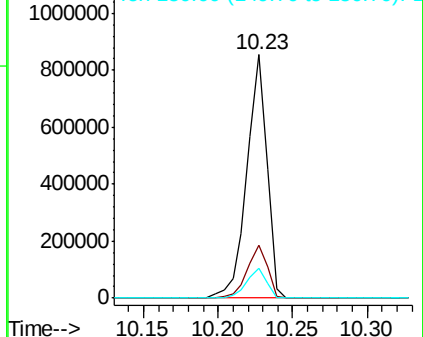


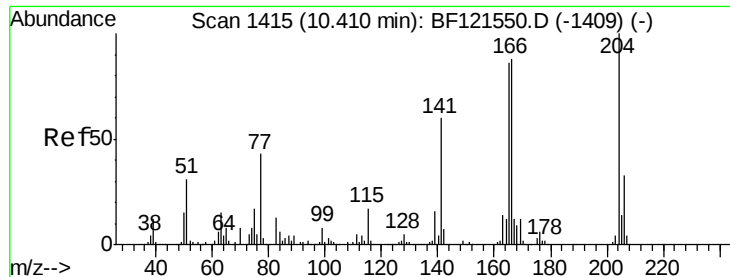
#60
Diethylphthalate
Concen: 38.174 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:149	Resp:	793257
Ion Ratio	Lower	Upper
149	100	
177	21.9	18.1 27.1
150	12.4	10.3 15.5



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

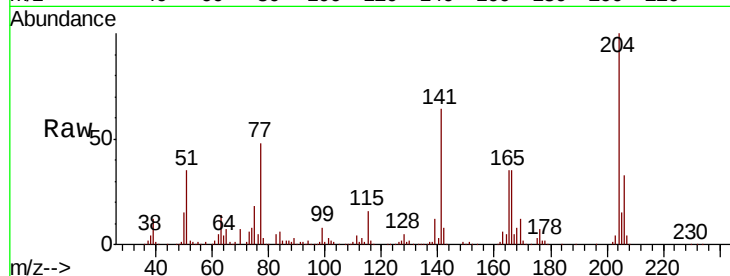




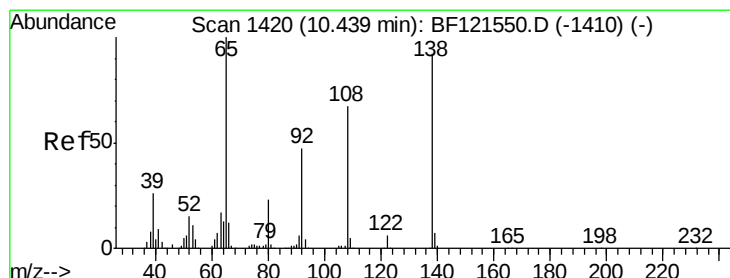
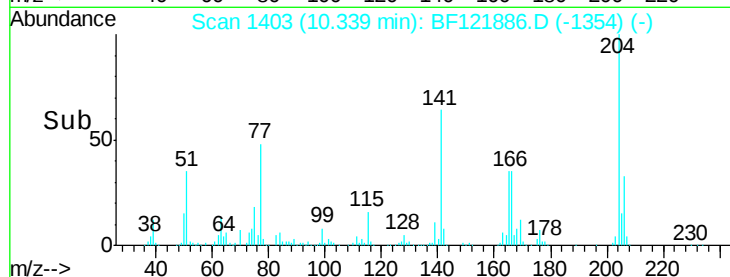
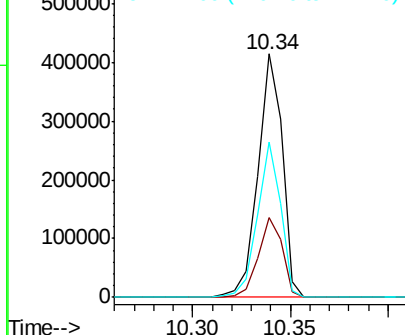
#61
4-Chlorophenyl-phenylether
Concen: 38.489 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:204 Resp: 357474
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 63.6 46.2 69.4

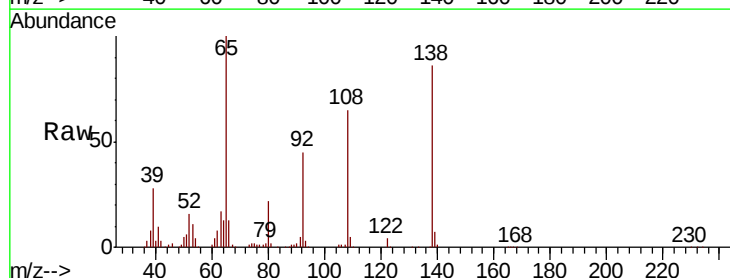


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

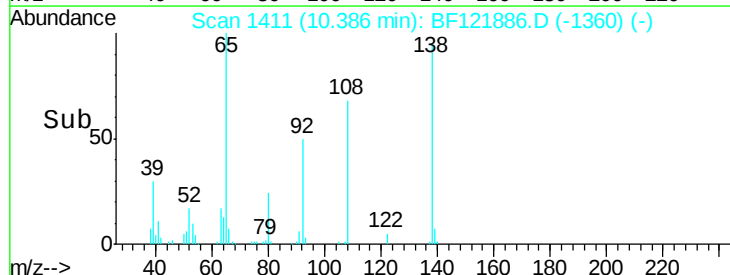
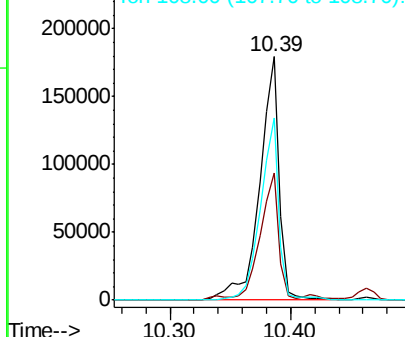


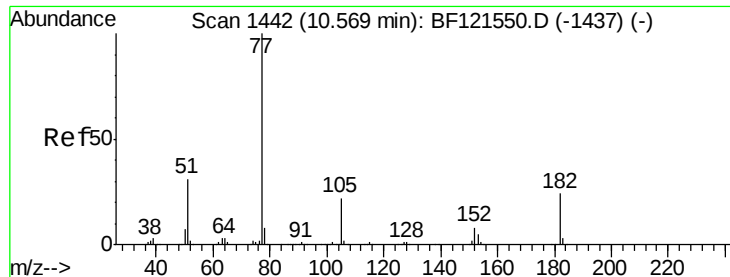
#62
4-Nitroaniline
Concen: 38.755 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:138 Resp: 202336
Ion Ratio Lower Upper
138 100
92 52.3 31.0 71.0
108 74.8 51.5 91.5



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





#63

Azobenzene

Concen: 36.952 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

Tot Ion: 77 Resp: 817706

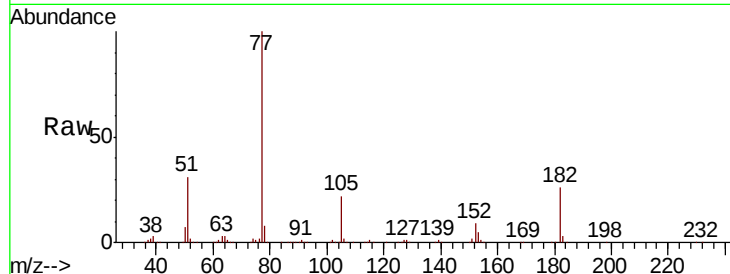
Ion Ratio Lower Upper

77 100

182 25.9 3.4 43.4

105 21.7 1.7 41.7

51 31.2 11.6 51.6

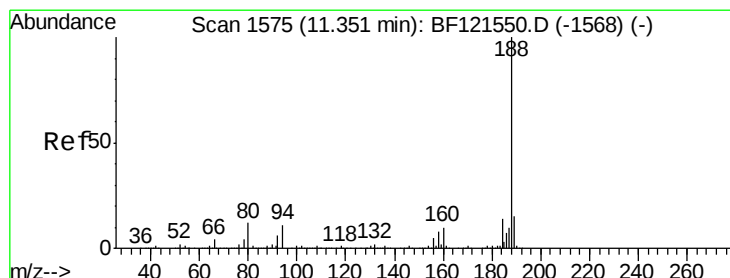
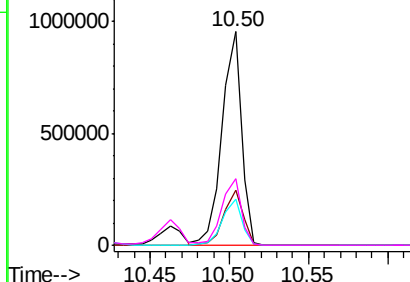
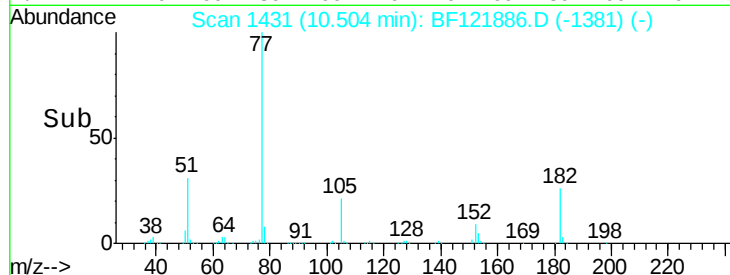


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

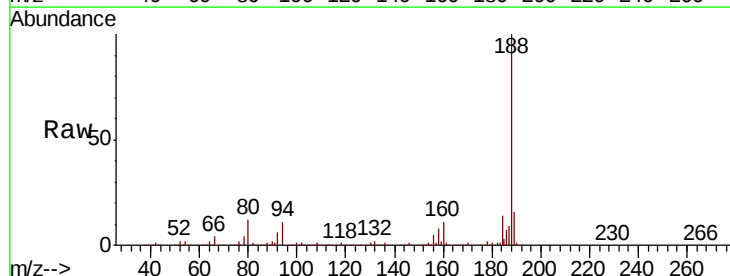
Tgt Ion: 188 Resp: 540118

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

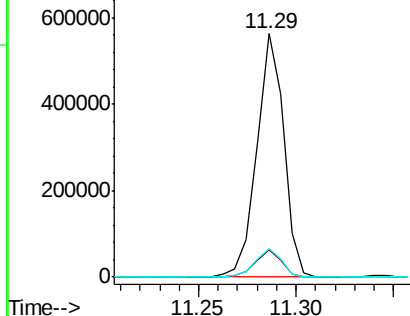
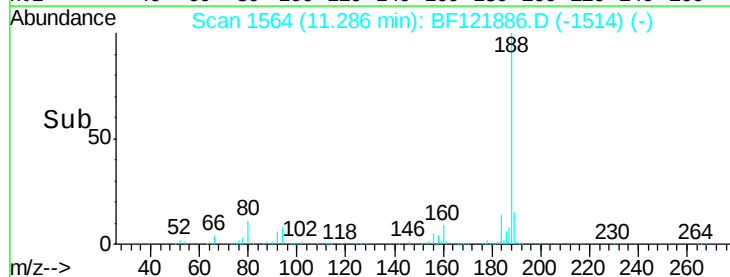
80 11.8 9.1 13.7

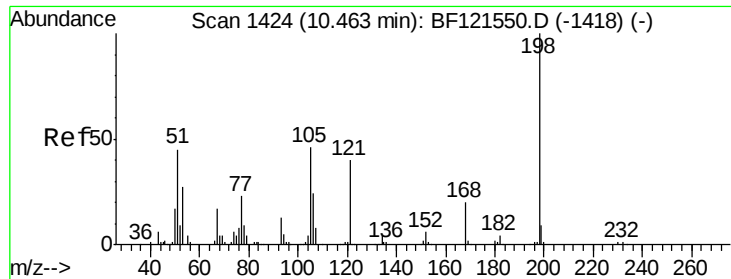


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

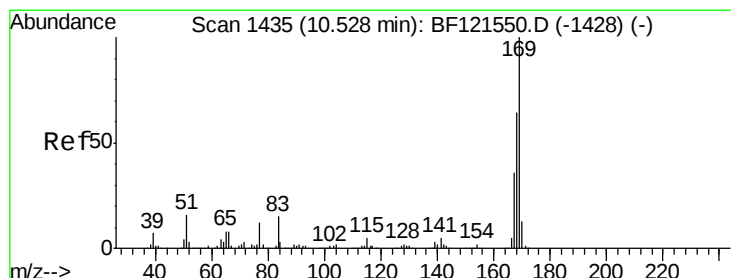
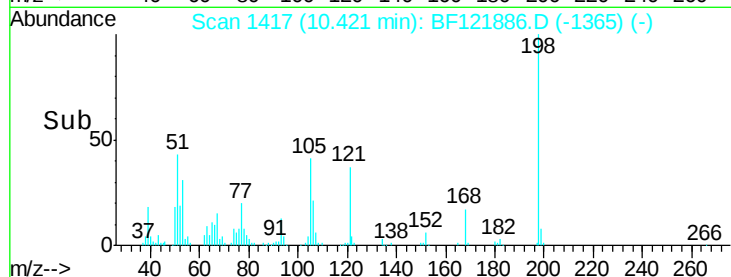
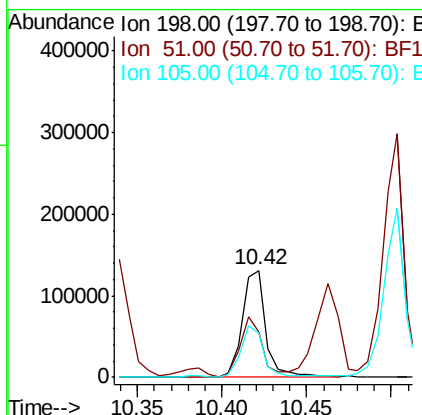
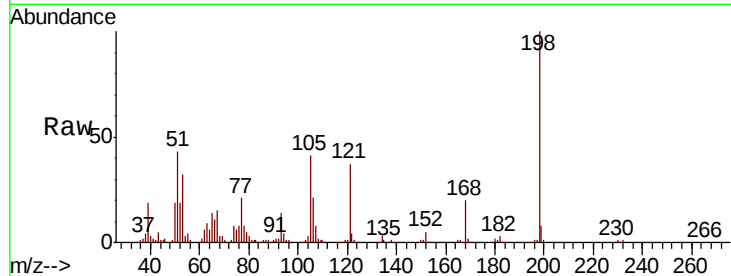




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.907 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

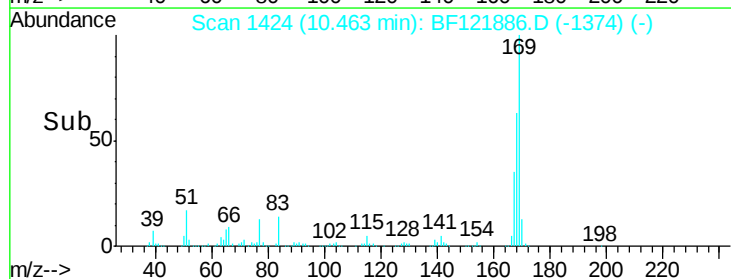
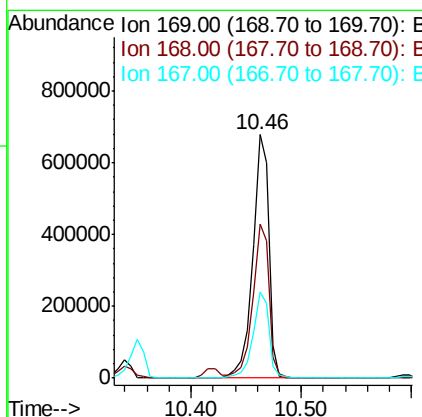
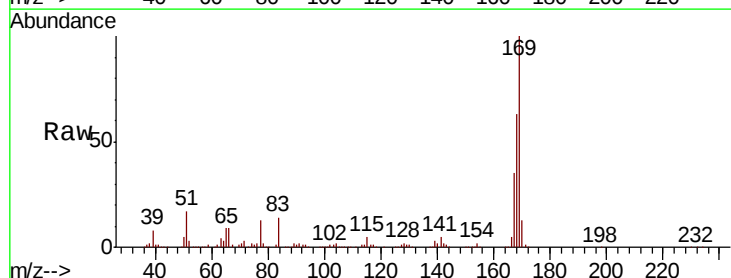
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

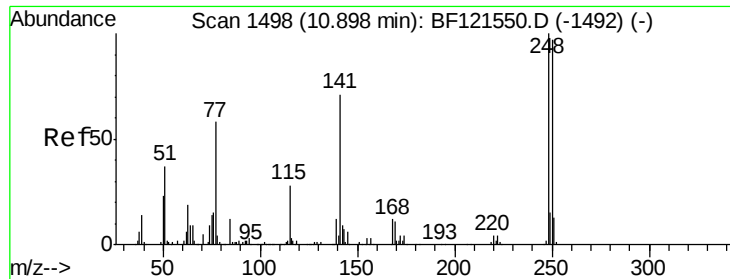
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.7	29.6	69.6
105	40.8	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 37.587 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.1	50.0	75.0
167	35.4	27.8	41.6

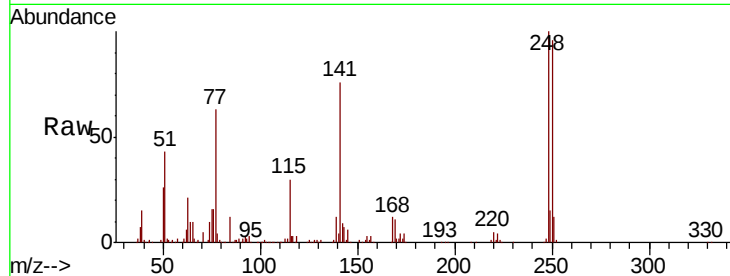




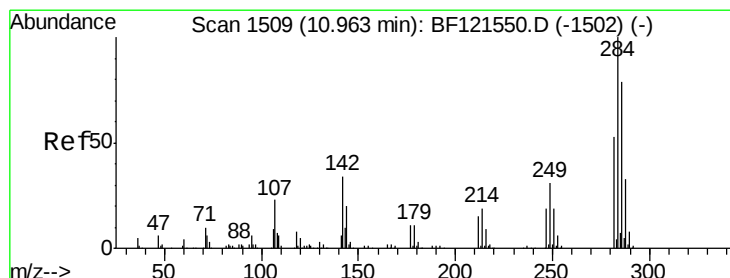
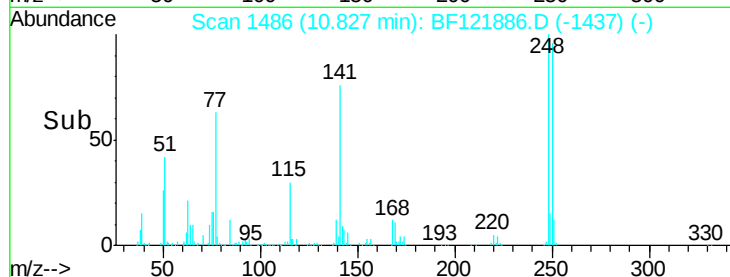
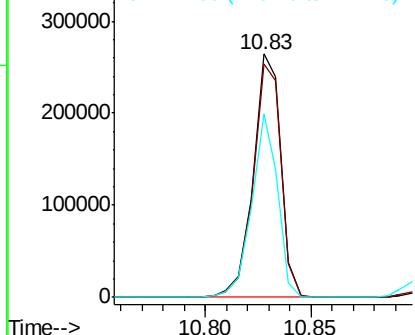
#67
4-Bromophenyl-phenylether
Concen: 39.151 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.6
141	75.5	53.7	80.5

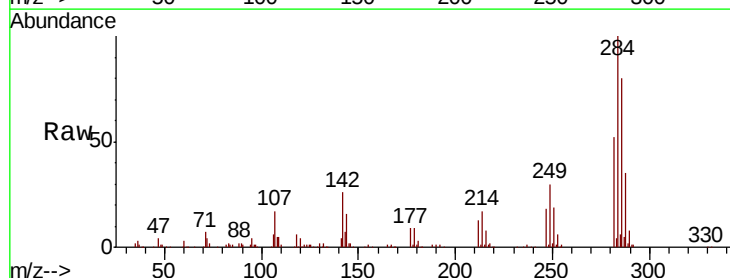


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

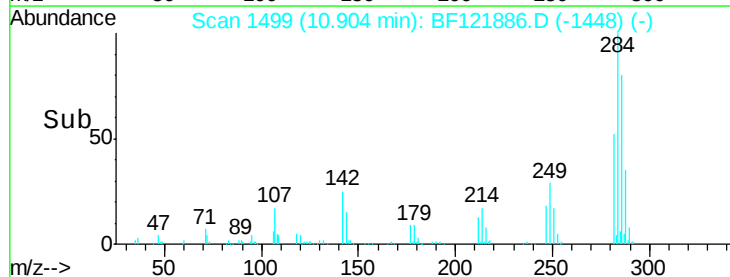
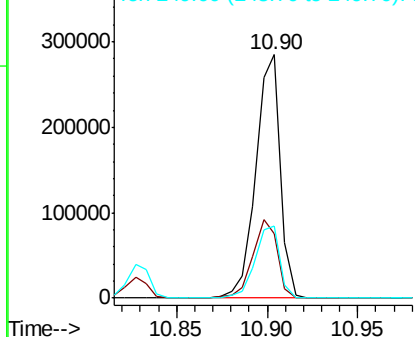


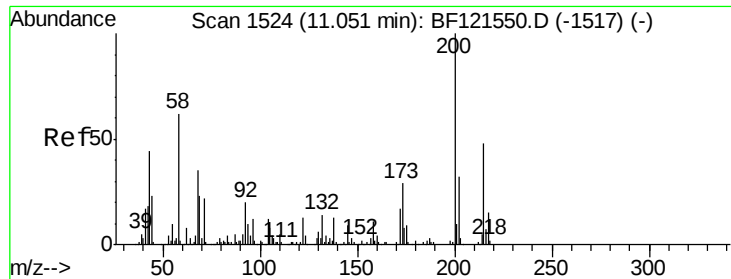
#68
Hexachlorobenzene
Concen: 38.518 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	27.4	41.2#
249	29.5	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

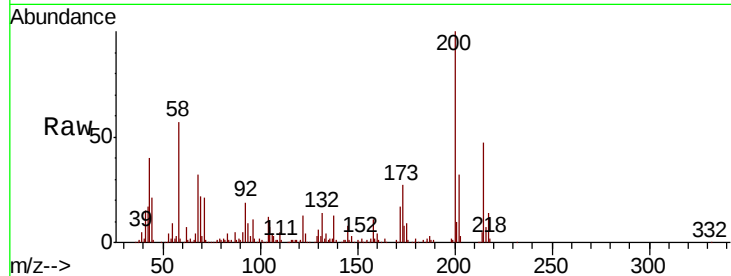




#69
Atrazine
Concen: 45.474 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.5	47.5
215	46.5	27.1	67.1

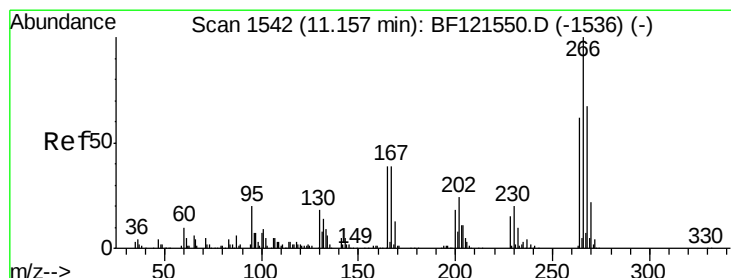
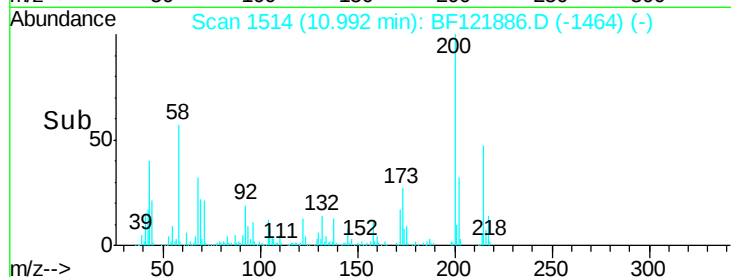
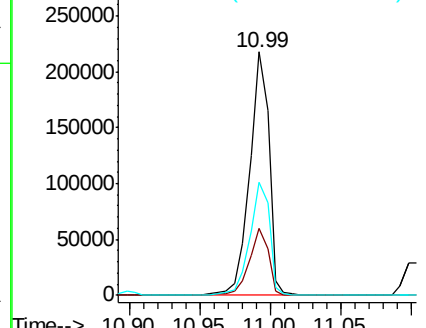


Abundance

Ion 200.00 (199.70 to 200.70): E

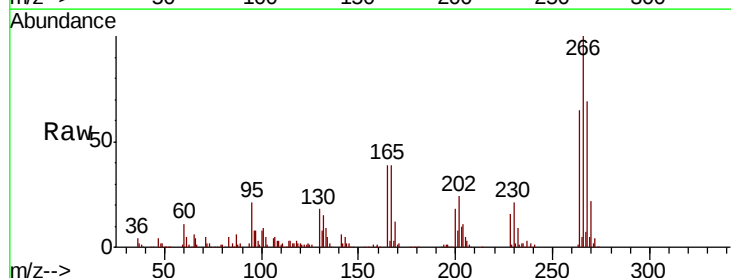
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.592 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	52.4	78.6
264	64.8	49.9	74.9

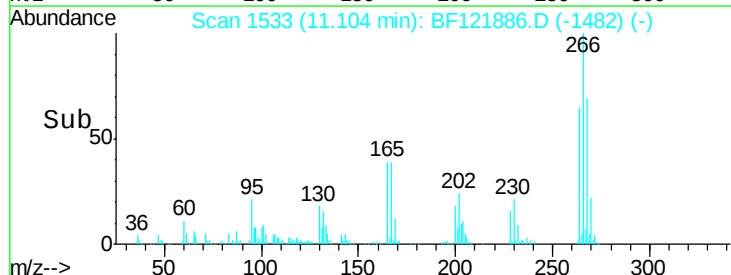
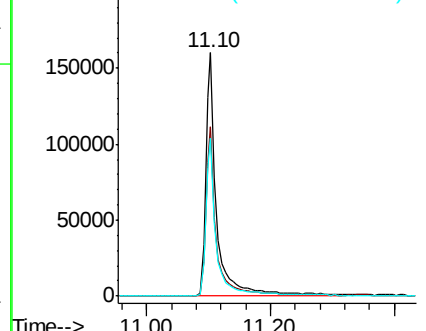


Abundance

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

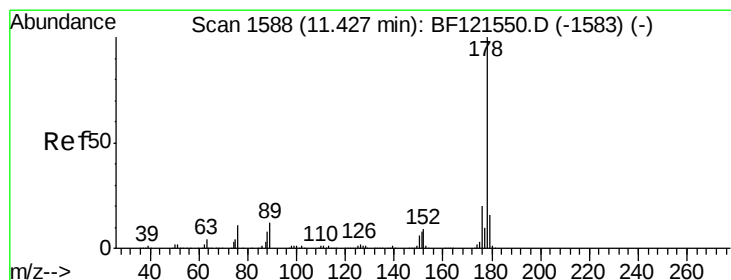
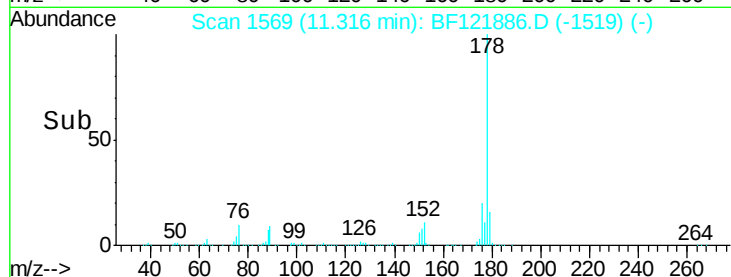
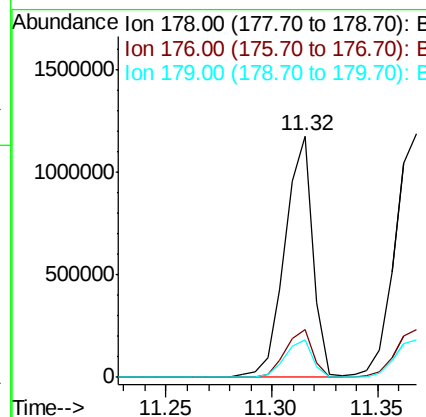
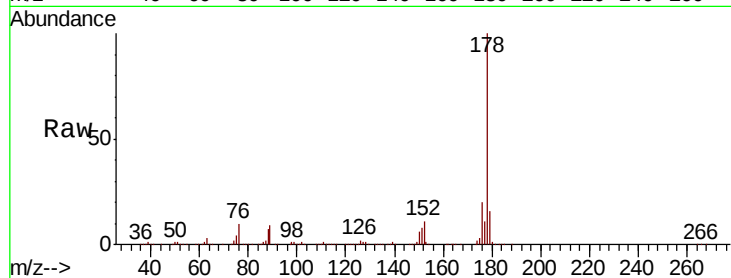




#71
Phenanthrene
Concen: 37.015 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

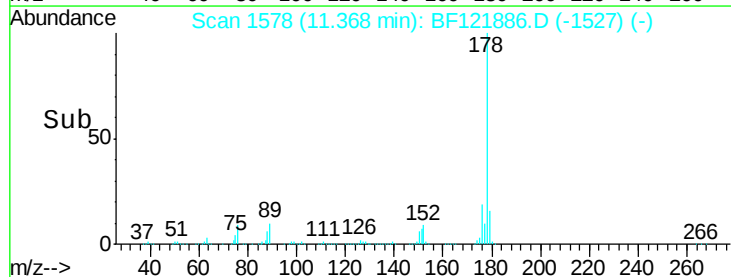
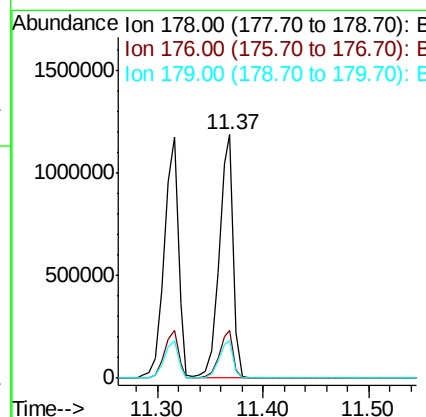
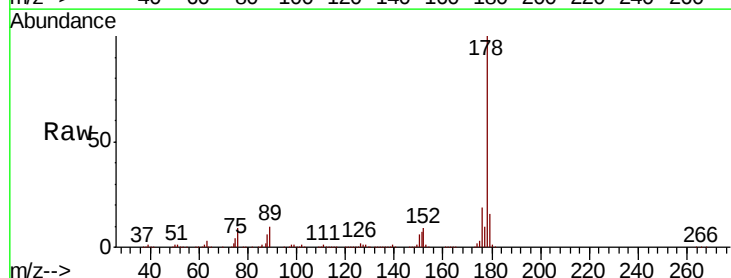
Instrument :
BNA_F
ClientSampleId :
PB132200BS

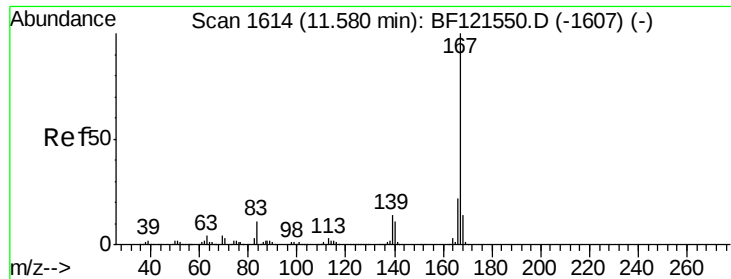
Tot Ion:178 Resp: 1089278
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.2 18.4



#72
Anthracene
Concen: 36.870 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:178 Resp: 1119680
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.7 19.1

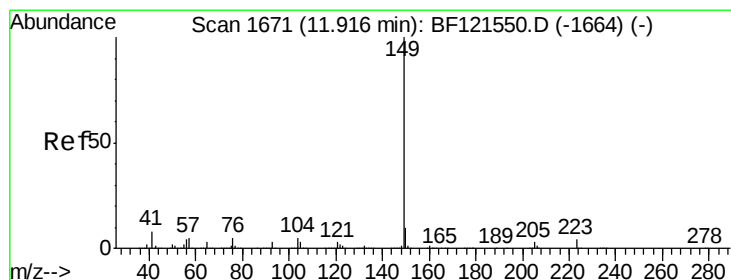
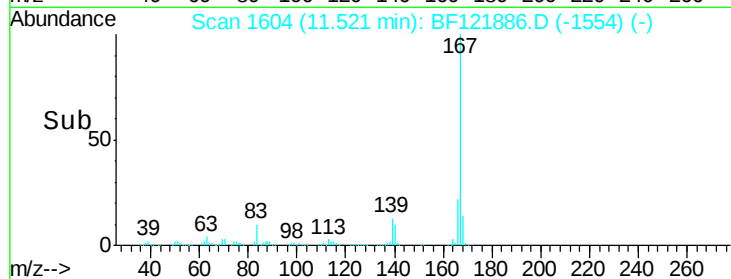
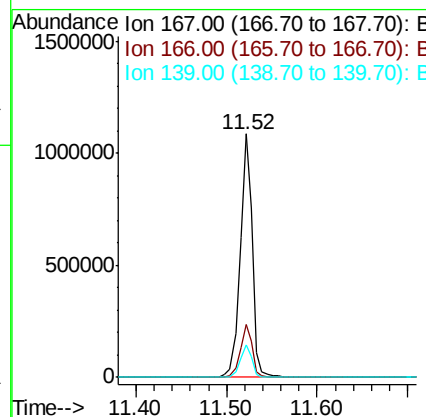
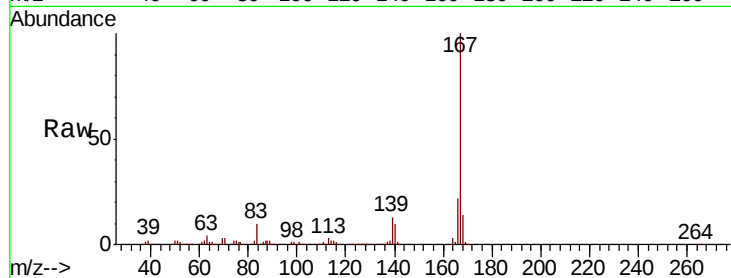




#73
 Carbazole
 Concen: 37.284 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

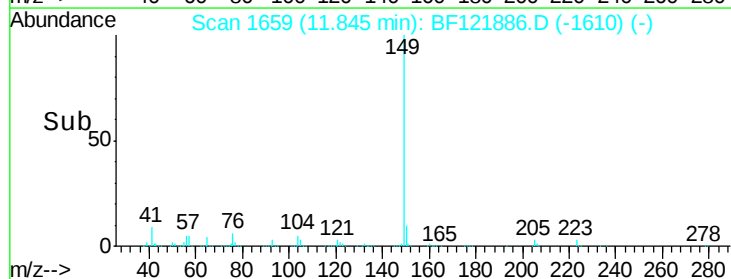
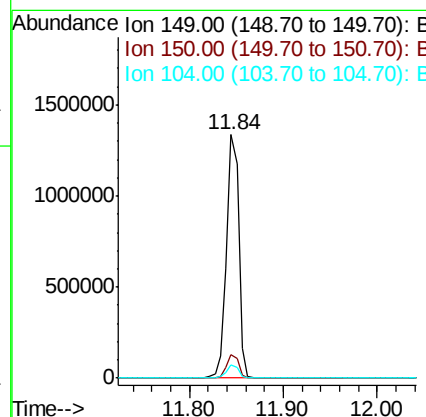
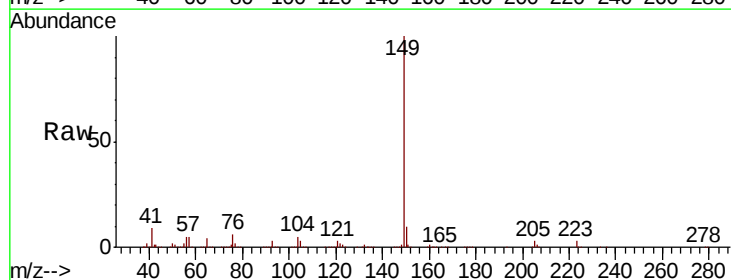
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

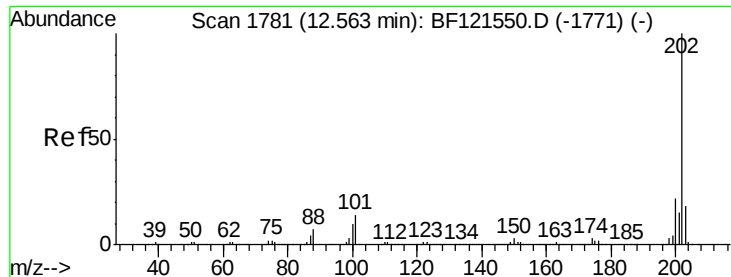
Tot Ion:167 Resp: 1021745
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.402 ng
 RT: 11.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:149 Resp: 1214640
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.5 4.2 6.2

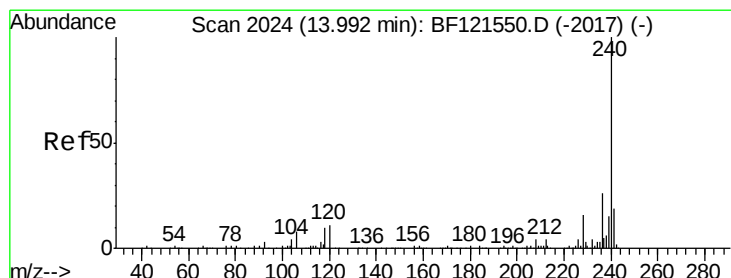
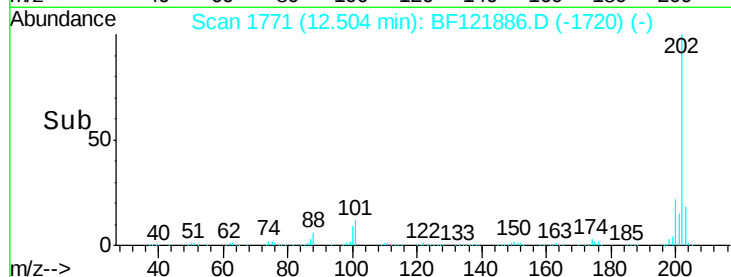
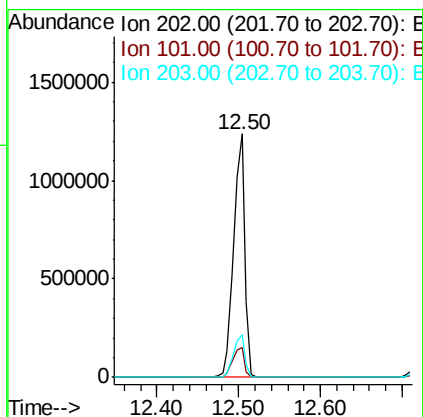
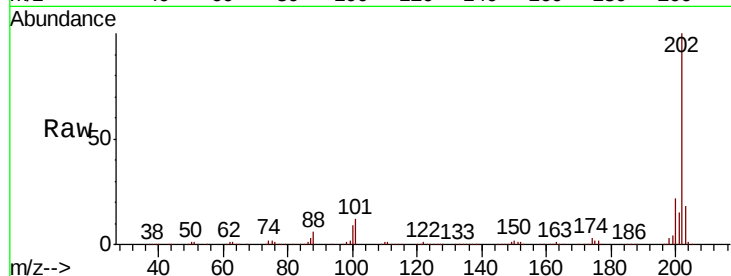




#75
Fluoranthene
Concen: 37.710 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

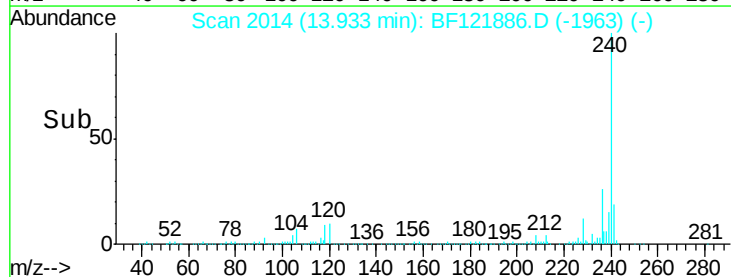
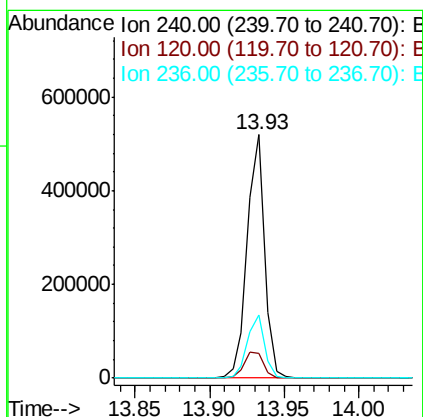
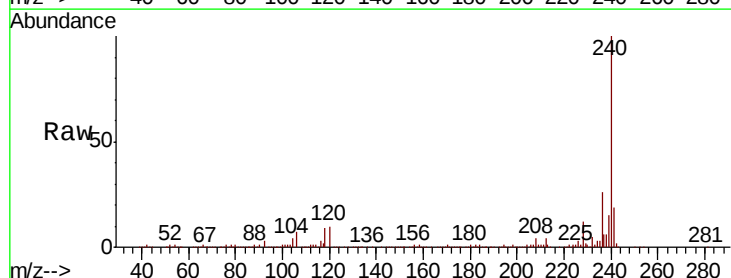
Instrument :
BNA_F
ClientSampleId :
PB132200BS

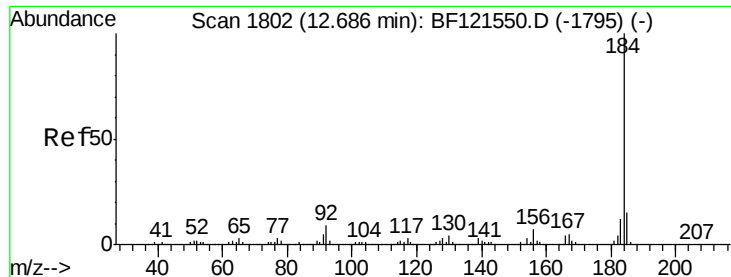
Tot Ion:202 Resp: 1184617
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:240 Resp: 418796
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.7 20.9 31.3





#77

Benzidine

Concen: 46.301 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

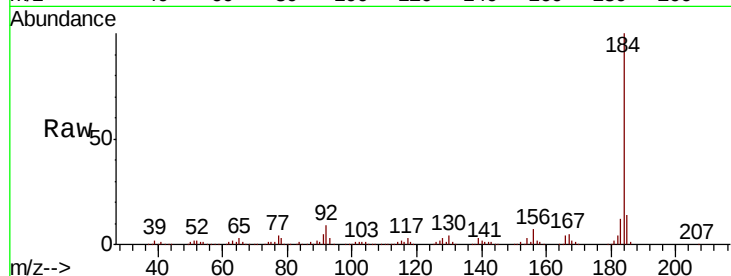
Tot Ion:184 Resp: 642840

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

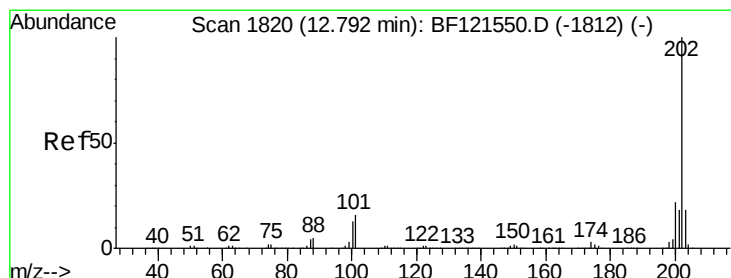
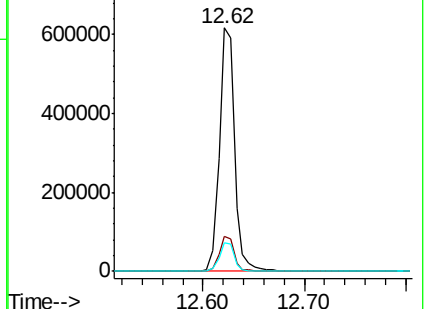
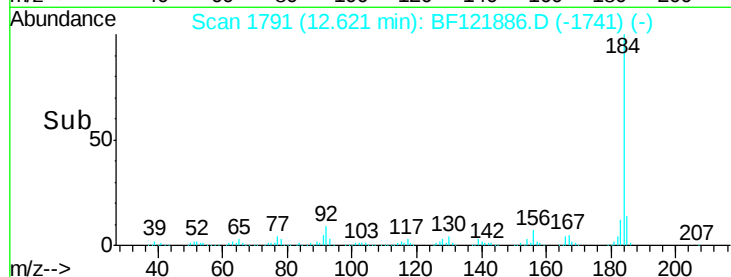
183 11.8 9.4 14.0



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: 38.869 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

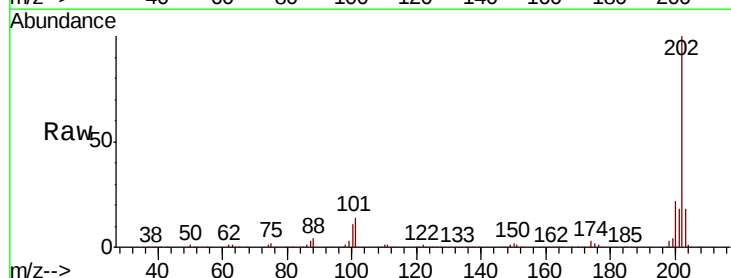
Tgt Ion:202 Resp: 1189334

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

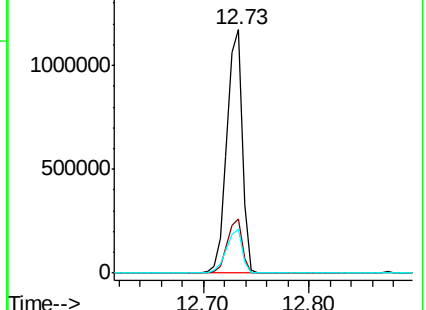
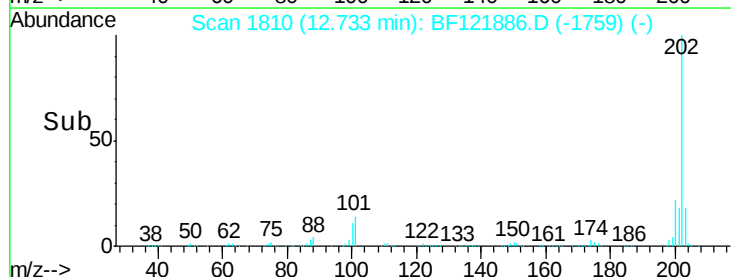
203 17.9 14.6 21.8



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: 81.259 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleId :

PB132200BS

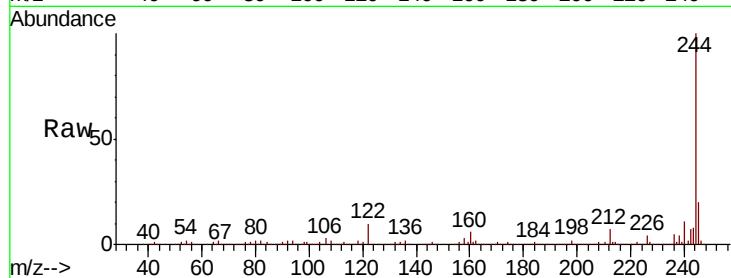
Tot Ion:244 Resp: 1679798

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

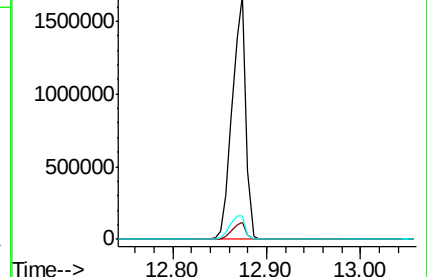
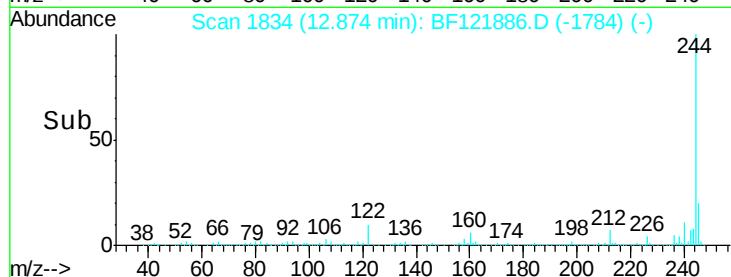
122 9.9 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.865 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

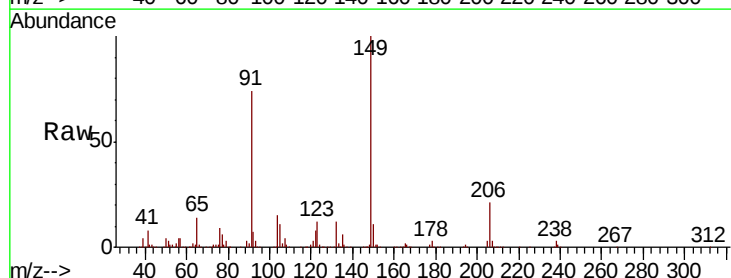
Tgt Ion:149 Resp: 518085

Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.4

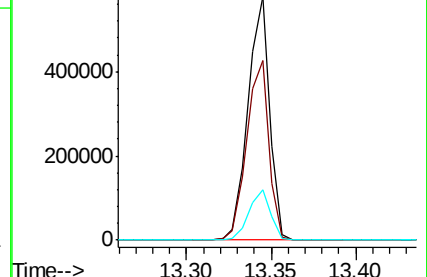
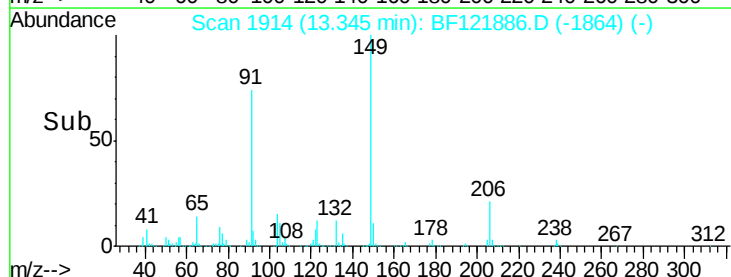
206 20.6 16.7 25.1

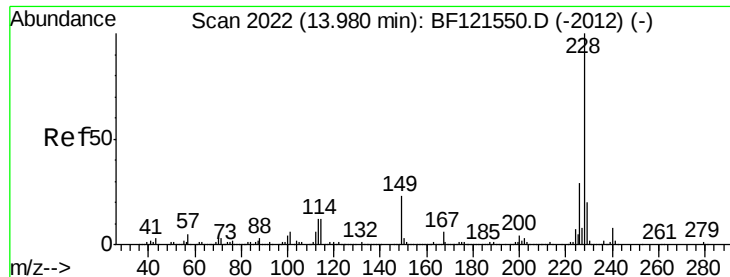


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.212 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

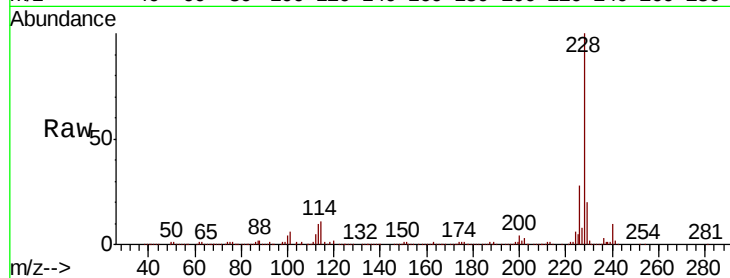
BNA_F

ClientSampleId :

PB132200BS

Tot Ion:228 Resp: 1038927

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	19.9	16.2	24.4

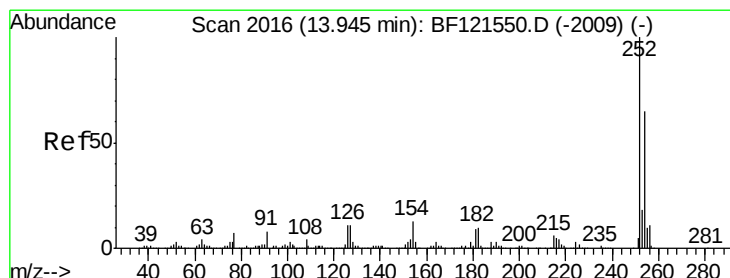
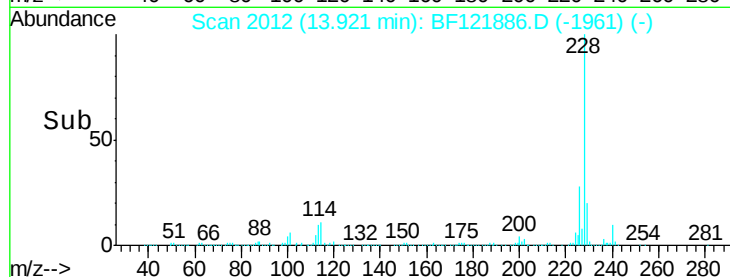
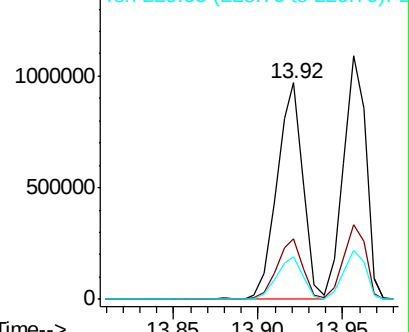


Abundance

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: 28.080 ng

RT: 13.88 min Scan# 2005

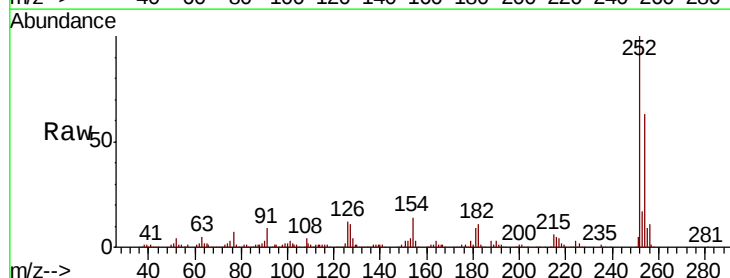
Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Tgt Ion:252 Resp: 290451

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	12.0	8.8	13.2

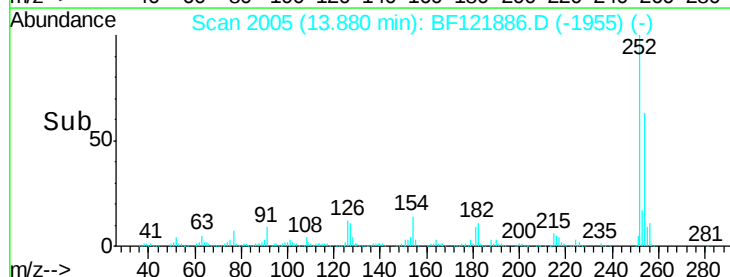
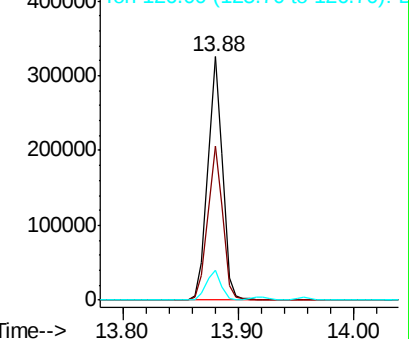


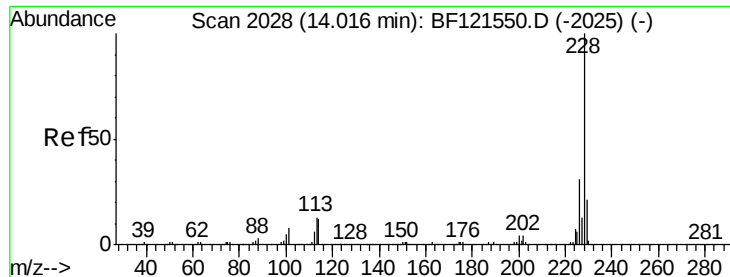
Abundance

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: 37.462 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

Instrument :

BNA_F

ClientSampleID :

PB132200BS

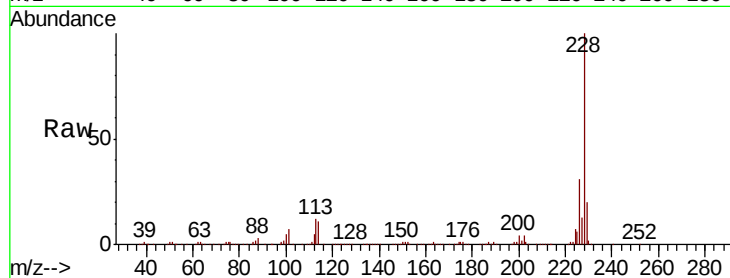
Tot Ion:228 Resp: 1005085

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

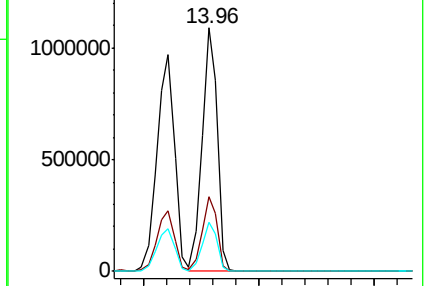
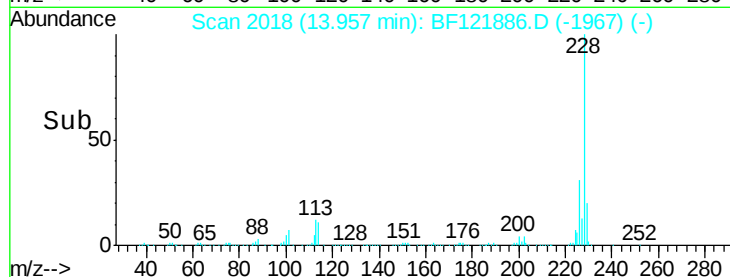
229 20.1 15.9 23.9



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: 42.629 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121886.D

Acq: 8 Oct 2020 13:33

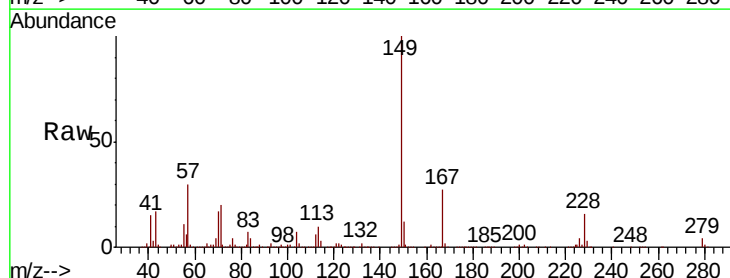
Tgt Ion:149 Resp: 704748

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

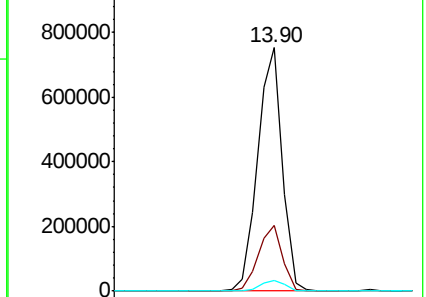
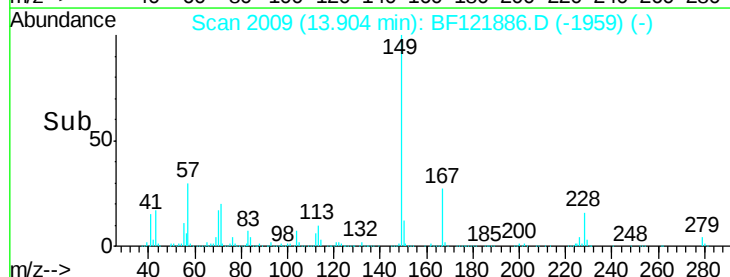
279 4.4 3.2 4.8

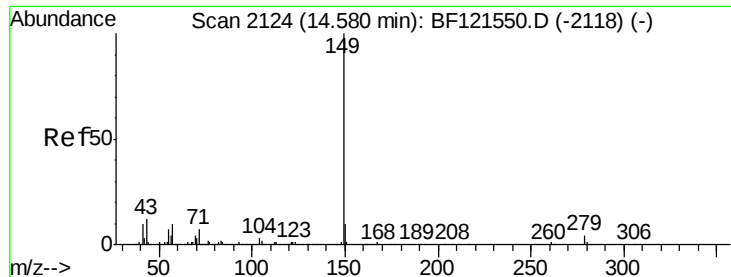


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

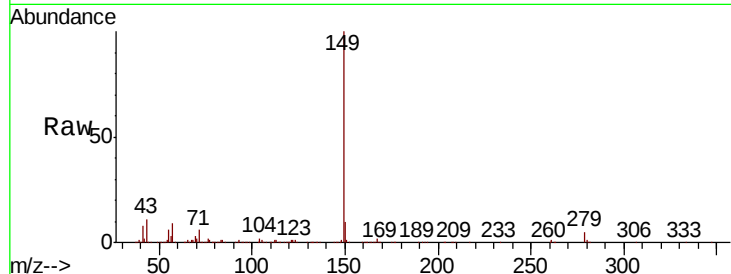




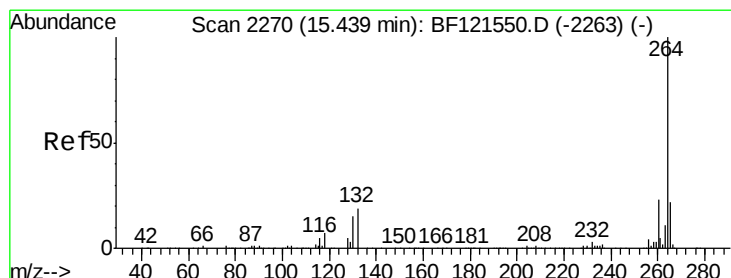
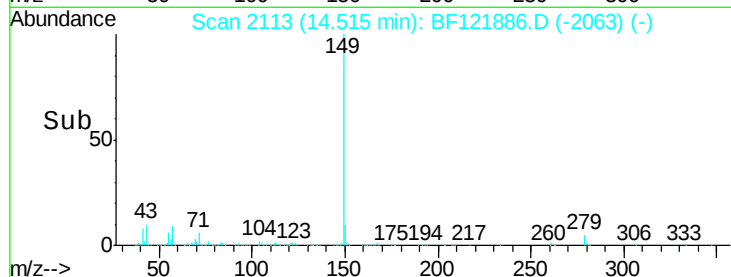
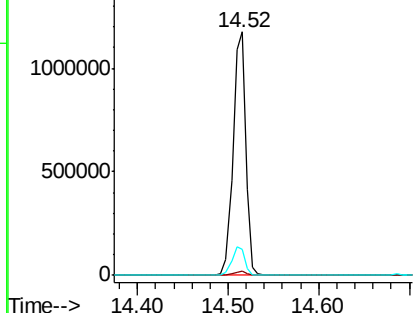
#85
Di-n-octyl phthalate
Concen: 39.734 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Instrument :
BNA_F
ClientSampleId :
PB132200BS

Tot Ion:149 Resp: 1159271
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.4 9.0 13.6

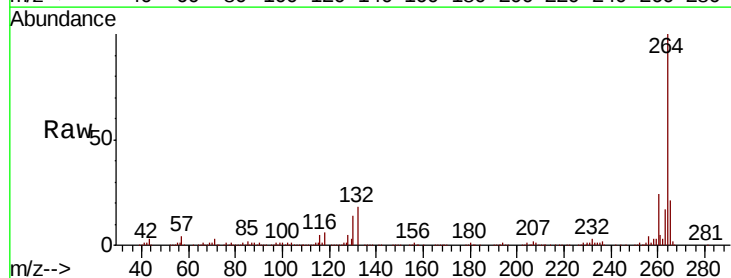


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

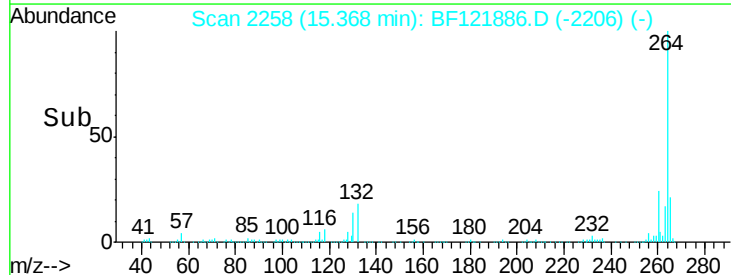
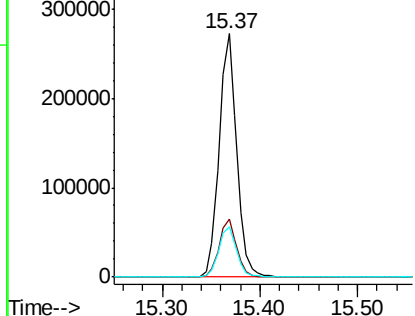


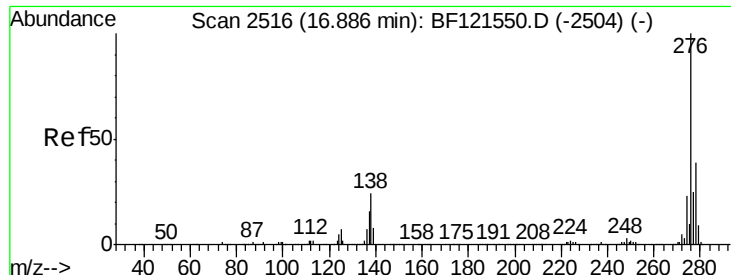
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:264 Resp: 339963
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.7 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

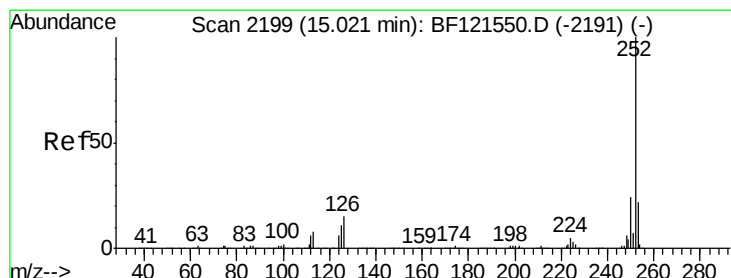
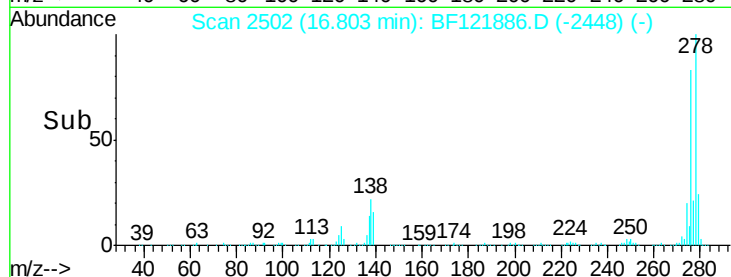
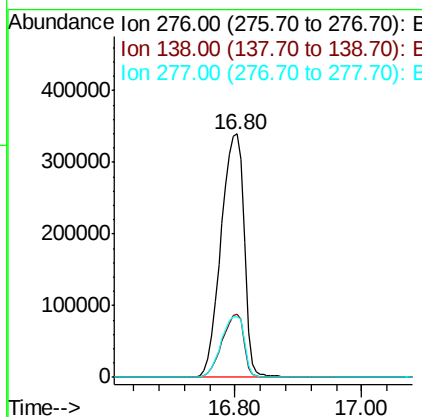
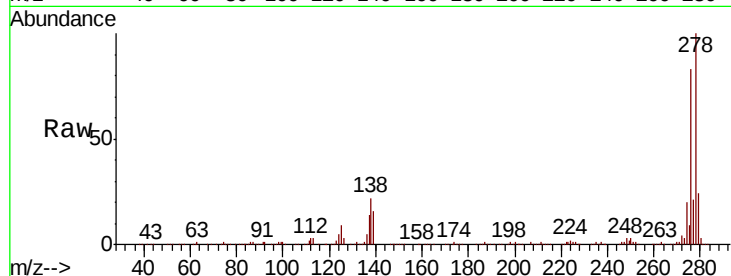




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.917 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. 0.02 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

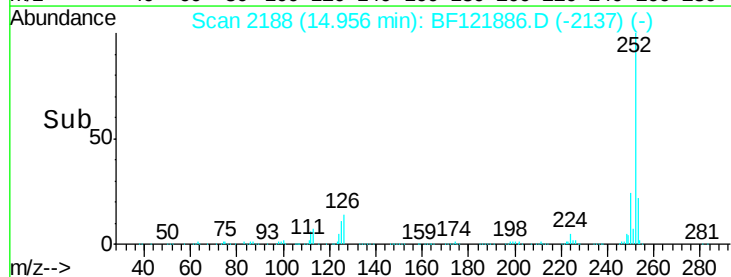
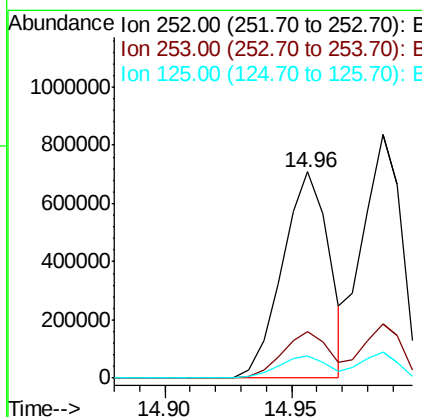
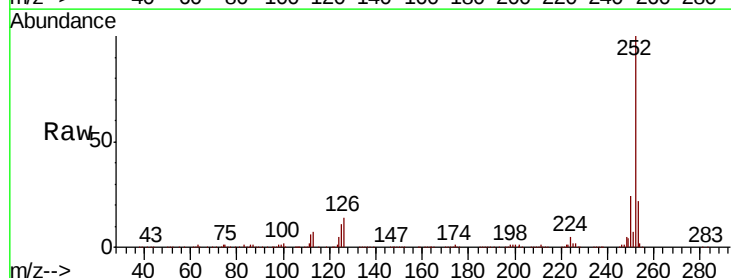
Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion:276 Resp: 861609
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.9 29.9
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 40.026 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:252 Resp: 909657
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 10.7 8.0 12.0

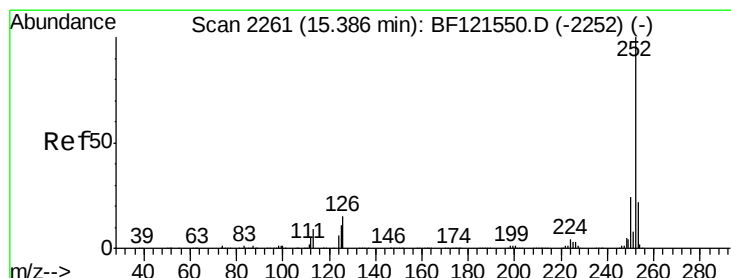
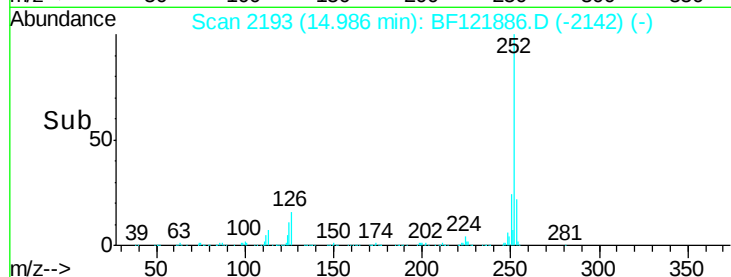
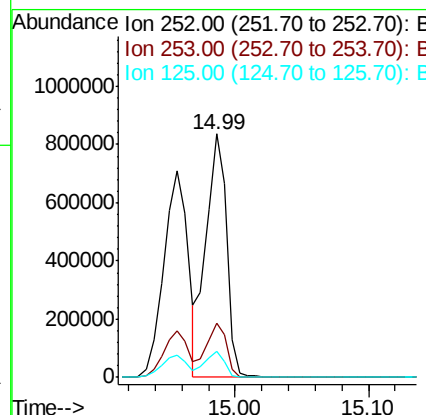
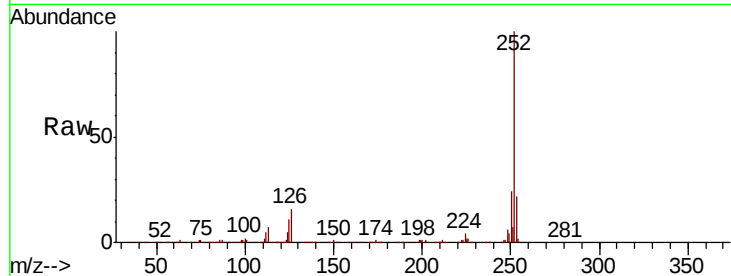




#89
Benzo(k)fluoranthene
Concen: 43.018 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

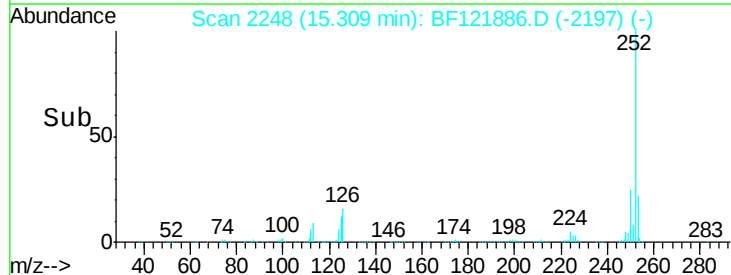
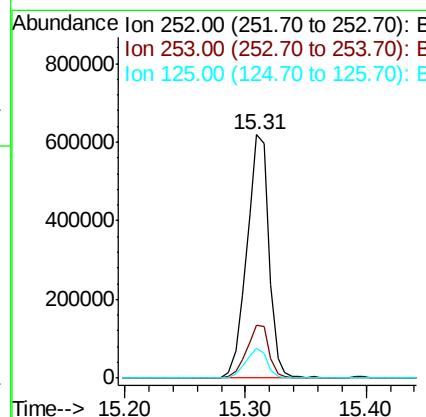
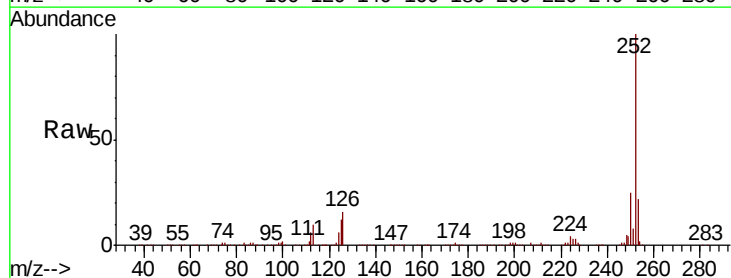
Instrument :
BNA_F
ClientSampleId :
PB132200BS

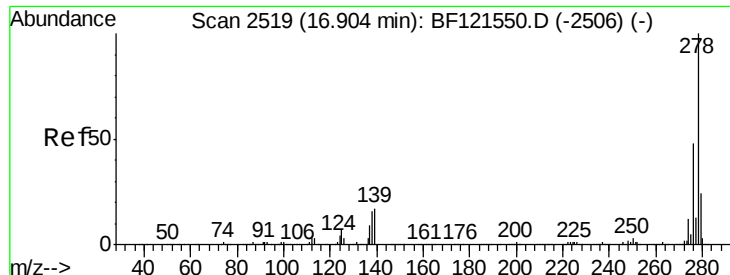
Tot Ion:252 Resp: 895299
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.195 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF121886.D
Acq: 8 Oct 2020 13:33

Tgt Ion:252 Resp: 795841
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 12.4 8.6 13.0

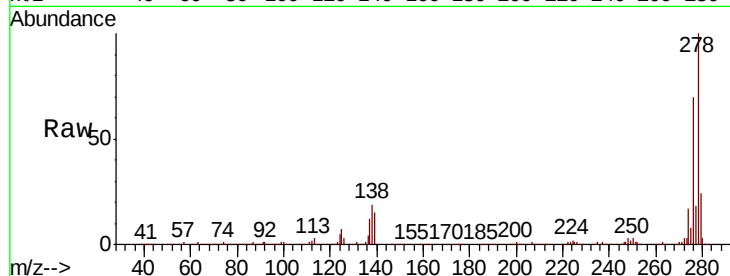




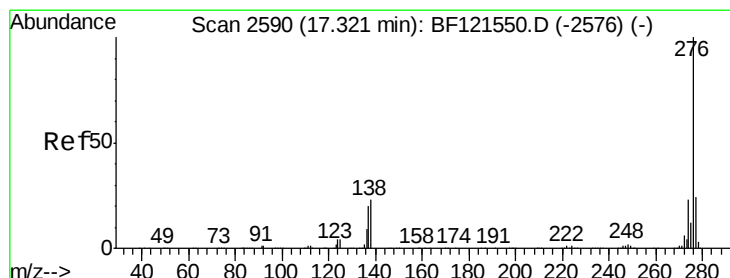
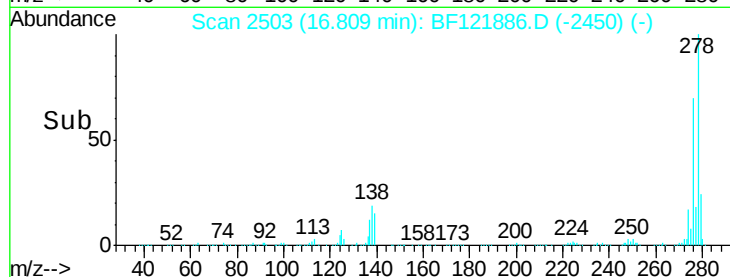
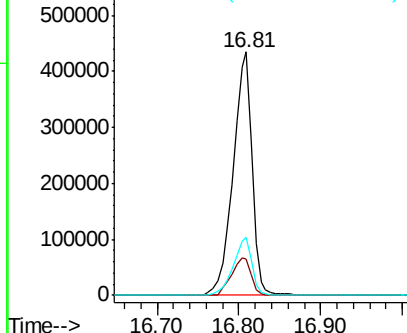
#91
 Dibenzo(a,h)anthracene
 Concen: 38.351 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. 0.01 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132200BS

Tot Ion:278 Resp: 706801
 Ion Ratio Lower Upper
 278 100
 139 15.0 13.0 19.4
 279 24.0 19.0 28.4

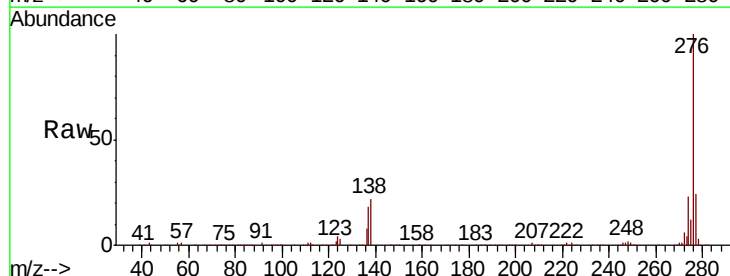


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 38.638 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. 0.02 min
 Lab File: BF121886.D
 Acq: 8 Oct 2020 13:33

Tgt Ion:276 Resp: 699965
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.2
 138 22.0 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

