

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121274.D
 Acq On : 13 Aug 2020 17:01
 Operator : JU/CG
 Sample : PB130942BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Quant Time: Aug 13 17:57:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	83621	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	328533	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	170934	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	331796	20.00	ng	0.00
76) Chrysene-d12	13.87	240	276336	20.00	ng	0.00
86) Perylene-d12	15.29	264	274706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	550071	99.73	ng	0.01
7) Phenol-d6	6.36	99	653538	91.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	425278	70.75	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	205124	97.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	816076	66.04	ng	0.00
79) Terphenyl-d14	12.82	244	937223	66.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	75809	32.297	ng	98
3) Pyridine	3.05	79	177158	28.994	ng	99
4) n-Nitrosodimethylamine	2.99	42	103525	41.370	ng	99
6) Aniline	6.38	93	316789	37.597	ng	99
8) 2-Chlorophenol	6.50	128	240421	39.640	ng	99
9) Benzaldehyde	6.27	77	146868	40.097	ng	98
10) Phenol	6.37	94	297540	38.590	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	224517	40.341	ng	97
12) 1,3-Dichlorobenzene	6.66	146	245704	38.340	ng	99
13) 1,4-Dichlorobenzene	6.74	146	248860	38.420	ng	100
14) 1,2-Dichlorobenzene	6.89	146	240101	39.276	ng	99
15) Benzyl Alcohol	6.87	79	188696	39.632	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	317978	39.677	ng	99
17) 2-Methylphenol	6.99	107	196766	41.071	ng	97
18) Hexachloroethane	7.23	117	90619	39.561	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	148469	37.595	ng	98
20) 3+4-Methylphenols	7.14	107	230940	37.994	ng	# 85
22) Acetophenone	7.13	105	312132	36.887	ng	98
24) Nitrobenzene	7.30	77	240287	36.839	ng	94
25) Isophorone	7.55	82	439066	36.379	ng	96
26) 2-Nitrophenol	7.62	139	123622	39.116	ng	91
27) 2,4-Dimethylphenol	7.67	122	209595	41.392	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	278784	41.298	ng	99
29) 2,4-Dichlorophenol	7.87	162	196702	37.987	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	214227	37.484	ng	99
31) Naphthalene	8.03	128	673475	36.437	ng	99
32) Benzoic acid	7.79	122	102949	38.470	ng	97
33) 4-Chloroaniline	8.08	127	256944	34.064	ng	98
34) Hexachlorobutadiene	8.15	225	120661	34.894	ng	99
35) Caprolactam	8.43	113	39096	25.067	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	204137	38.640	ng	98
37) 2-Methylnaphthalene	8.72	142	451355	37.109	ng	99
38) 1-Methylnaphthalene	8.82	142	422383	36.677	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	213891	37.345	ng	99

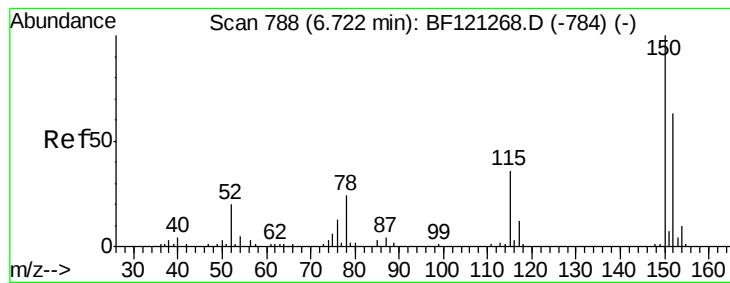
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	188611	77.355	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	139717	38.357	ng	100
44) 2,4,5-Trichlorophenol	9.04	196	153709	38.851	ng	97
46) 1,1'-Biphenyl	9.18	154	558920	37.842	ng	99
47) 2-Chloronaphthalene	9.20	162	423825	37.278	ng	97
48) 2-Nitroaniline	9.30	65	131211	41.058	ng	95
49) Acenaphthylene	9.62	152	680583	37.689	ng	100
50) Dimethylphthalate	9.48	163	505733	39.318	ng	99
51) 2,6-Dinitrotoluene	9.55	165	111073	38.739	ng	97
52) Acenaphthene	9.79	154	392933	36.752	ng	100
53) 3-Nitroaniline	9.71	138	102094	31.185	ng	94
54) 2,4-Dinitrophenol	9.83	184	92065	64.355	ng	97
55) Dibenzofuran	9.96	168	619126	36.363	ng	98
56) 4-Nitrophenol	9.89	139	176419	83.503	ng	91
57) 2,4-Dinitrotoluene	9.95	165	152266	40.466	ng	98
58) Fluorene	10.30	166	458409	35.568	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	129206	41.304	ng	97
60) Diethylphthalate	10.18	149	515698	39.427	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	230329	36.745	ng	99
62) 4-Nitroaniline	10.32	138	130251	39.683	ng	95
63) Azobenzene	10.46	77	487104	37.271	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	76203	38.422	ng	92
66) n-Nitrosodiphenylamine	10.42	169	435760	38.302	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	150495	38.885	ng	97
68) Hexachlorobenzene	10.85	284	170072	38.536	ng	98
69) Atrazine	10.94	200	124590	36.612	ng	98
70) Pentachlorophenol	11.05	266	167206	84.687	ng	98
71) Phenanthrene	11.26	178	713640	37.596	ng	99
72) Anthracene	11.32	178	743642	39.040	ng	100
73) Carbazole	11.47	167	696783	37.403	ng	100
74) Di-n-butylphthalate	11.80	149	842736	40.078	ng	100
75) Fluoranthene	12.45	202	815986	38.606	ng	99
77) Benzidine	12.57	184	504236	69.411	ng	99
78) Pyrene	12.67	202	845117	41.069	ng	99
80) Butylbenzylphthalate	13.30	149	367790	43.755	ng	99
81) Benzo(a)anthracene	13.86	228	706271	37.683	ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	216858	29.163	ng	98
83) Chrysene	13.90	228	735610	38.441	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	468472	40.435	ng	100
85) Di-n-octyl phthalate	14.47	149	896385	42.198	ng	100
87) Indeno(1,2,3-cd)pyrene	16.67	276	746986	36.574	ng	99
88) Benzo(b)fluoranthene	14.89	252	695822	37.803	ng	99
89) Benzo(k)fluoranthene	14.92	252	726257	42.490	ng	99
90) Benzo(a)pyrene	15.23	252	643043	38.707	ng	99
91) Dibenzo(a,h)anthracene	16.68	278	626869	35.820	ng	99
92) Benzo(g,h,i)perylene	17.08	276	615444	35.636	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF121274.D

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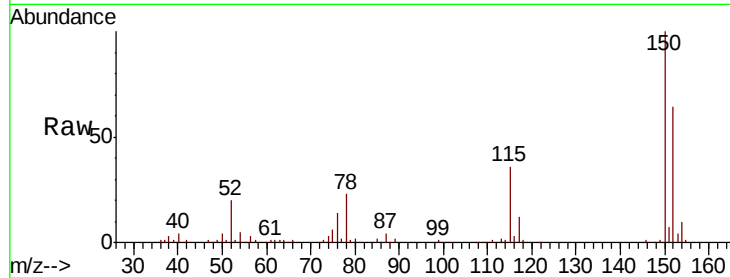
Tot Ion:152 Resp: 83621

Ion Ratio Lower Upper

152 100

150 157.4 129.0 193.6

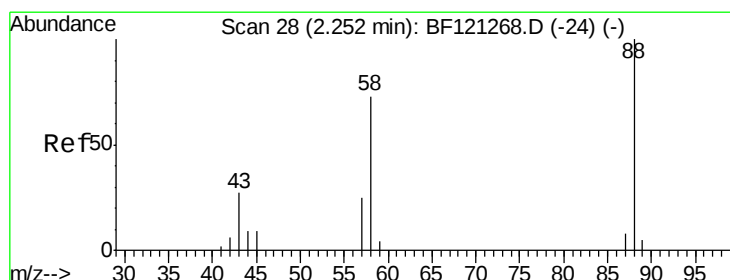
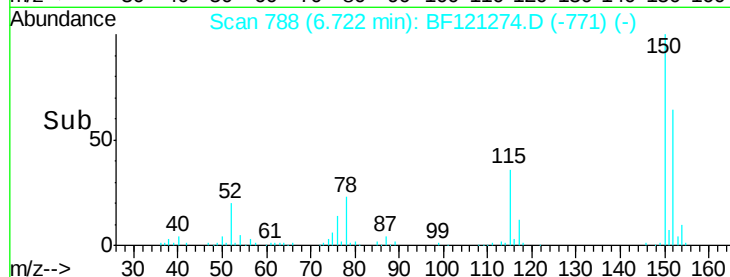
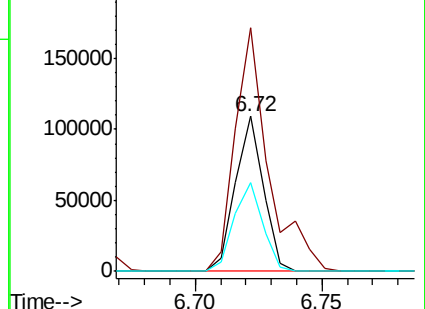
115 57.0 49.0 73.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.297 ng

RT: 2.34 min Scan# 43

Delta R.T. 0.09 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

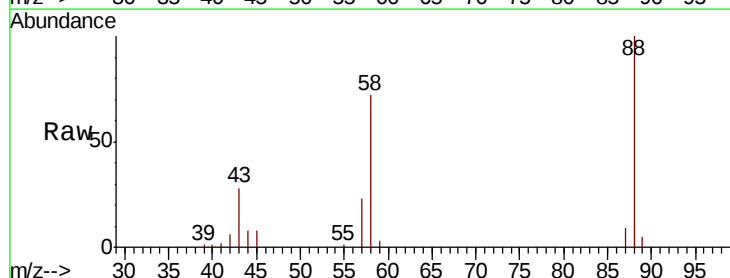
Tgt Ion: 88 Resp: 75809

Ion Ratio Lower Upper

88 100

58 72.7 58.6 87.8

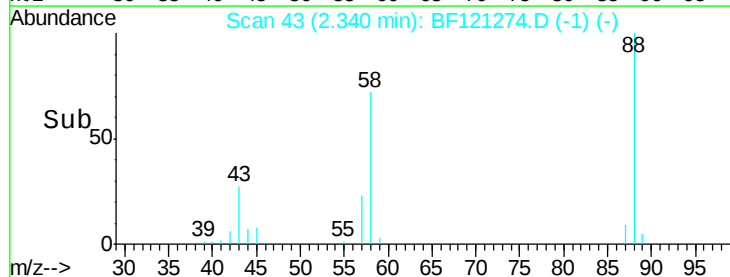
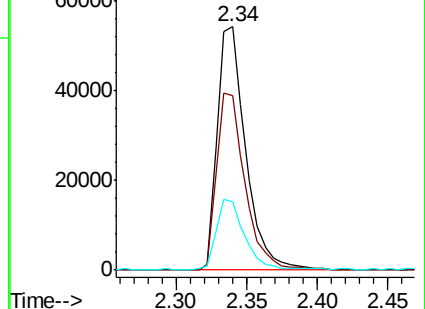
43 29.6 21.8 32.8

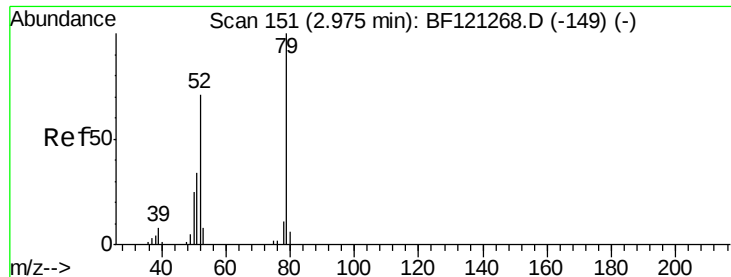


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

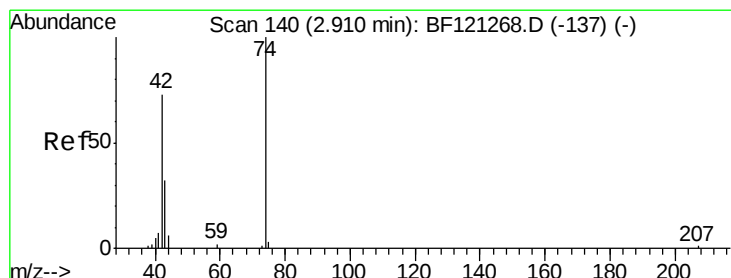
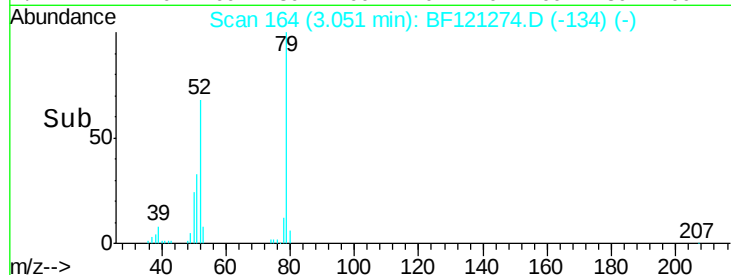
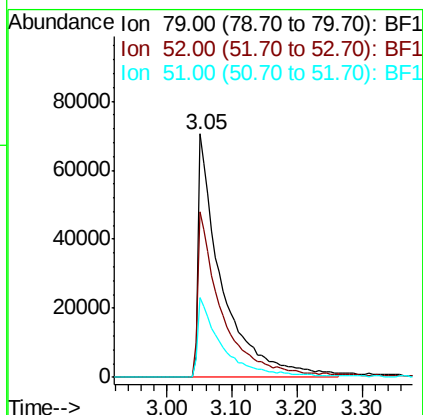
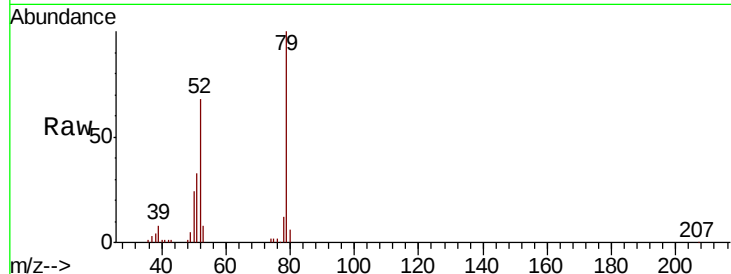




#3
 Pvridine
 Concen: 28.994 ng
 RT: 3.05 min Scan# 164
 Delta R.T. 0.08 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

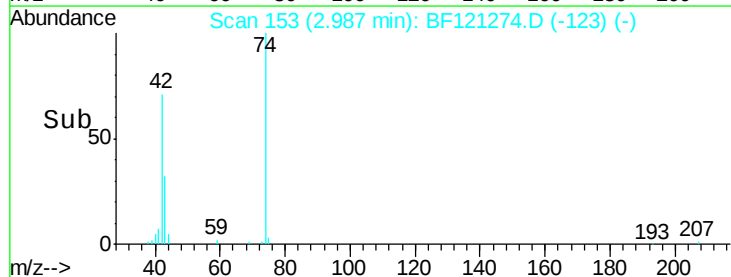
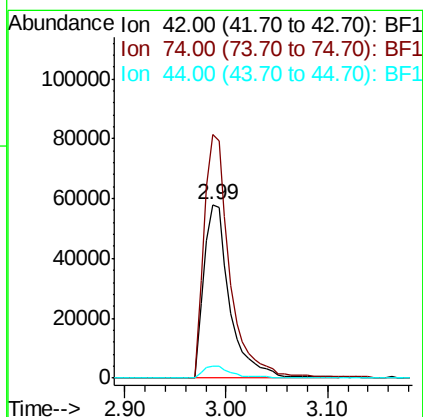
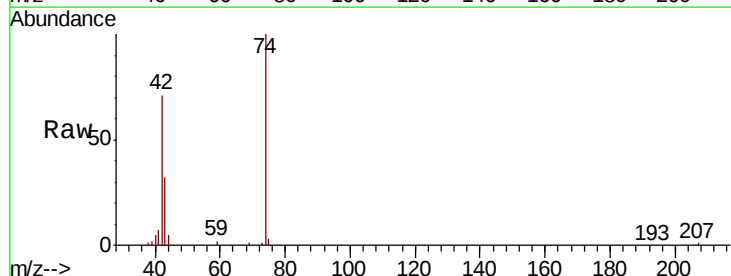
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

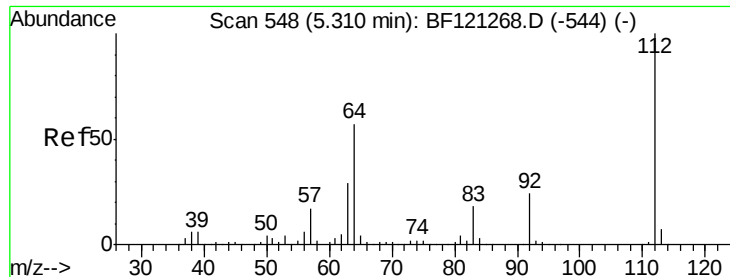
Tot Ion: 79 Resp: 177158
 Ion Ratio Lower Upper
 79 100
 52 67.7 53.8 80.8
 51 32.9 26.0 39.0



#4
 n-Nitrosodimethylamine
 Concen: 41.370 ng
 RT: 2.99 min Scan# 153
 Delta R.T. 0.08 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion: 42 Resp: 103525
 Ion Ratio Lower Upper
 42 100
 74 140.6 111.8 167.8
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 99.729 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

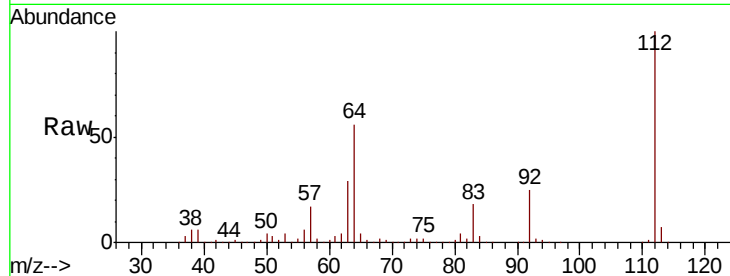
Tot Ion:112 Resp: 550071

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

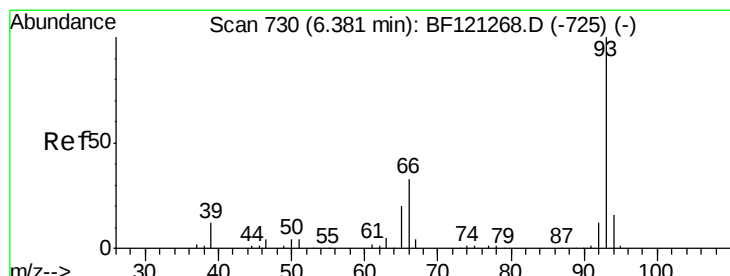
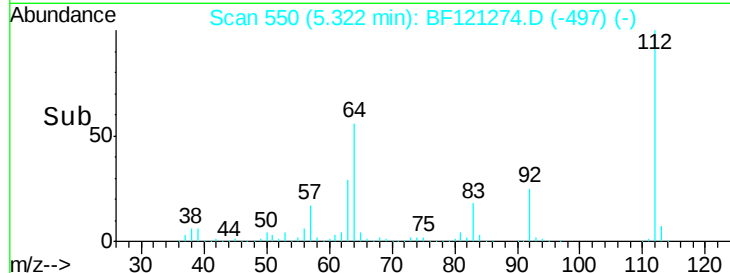
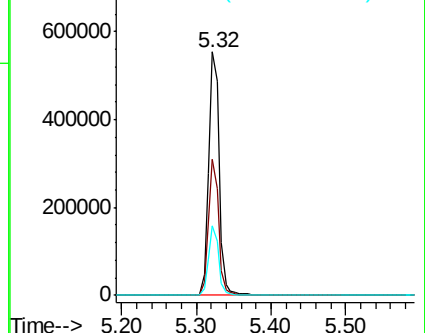
63 28.7 23.0 34.6



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: 37.597 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

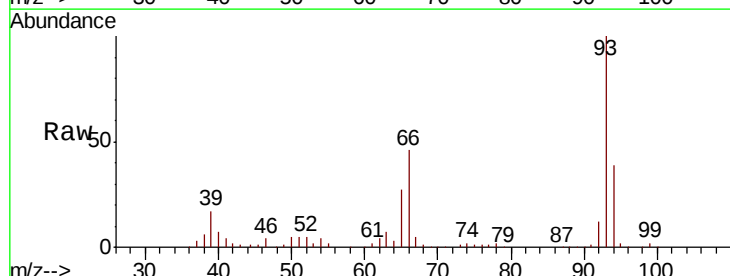
Tgt Ion: 93 Resp: 316789

Ion Ratio Lower Upper

93 100

66 45.7 36.2 54.4

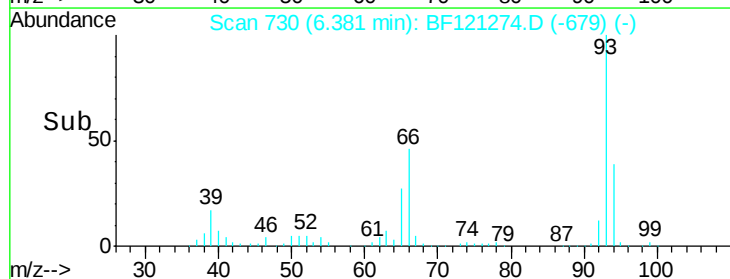
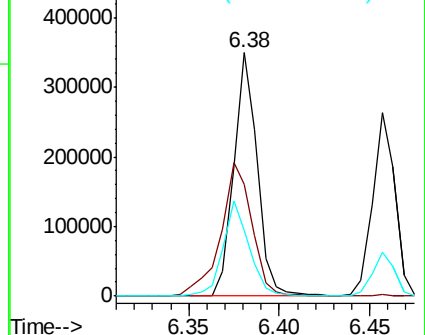
65 26.8 20.7 31.1

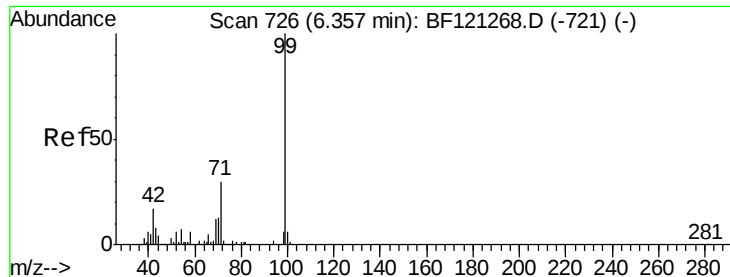


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.948 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

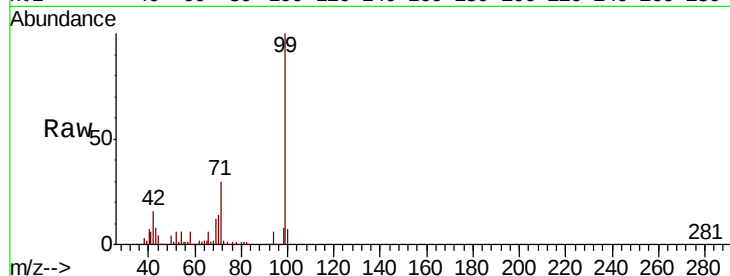
Tot Ion: 99 Resp: 653538

Ion Ratio Lower Upper

99 100

42 16.1 13.1 19.7

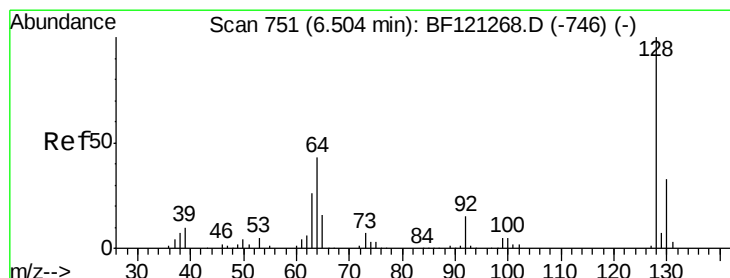
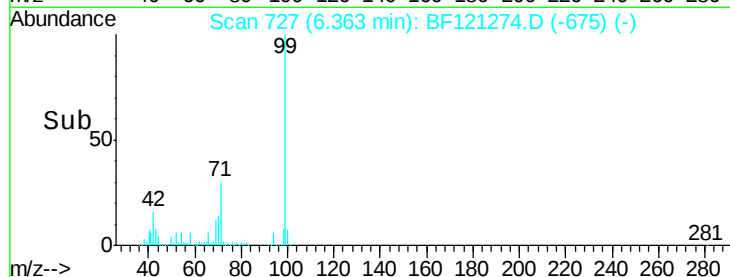
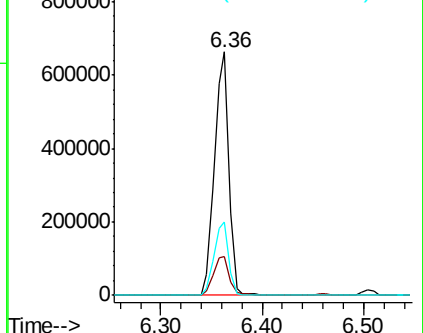
71 30.0 23.7 35.5



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: 39.640 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

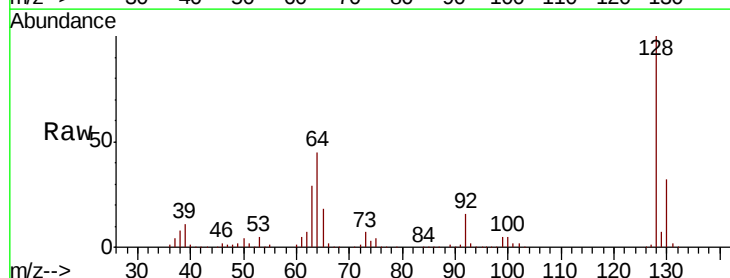
Tgt Ion: 128 Resp: 240421

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

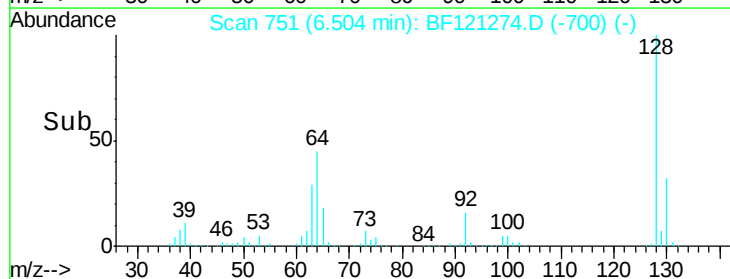
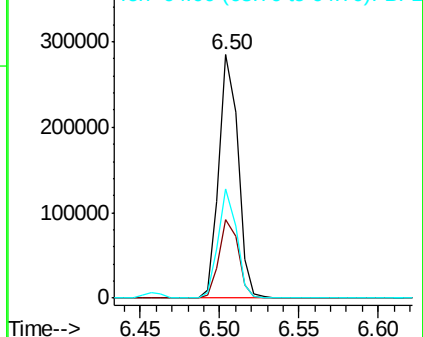
64 45.1 26.3 66.3

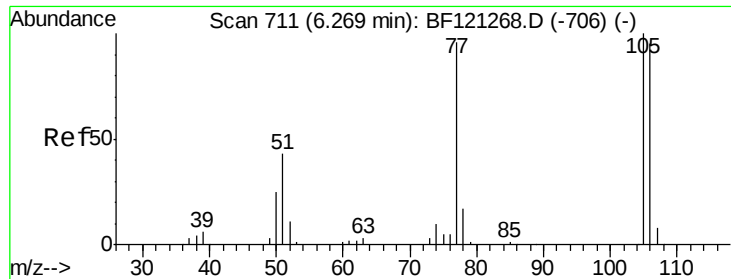


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

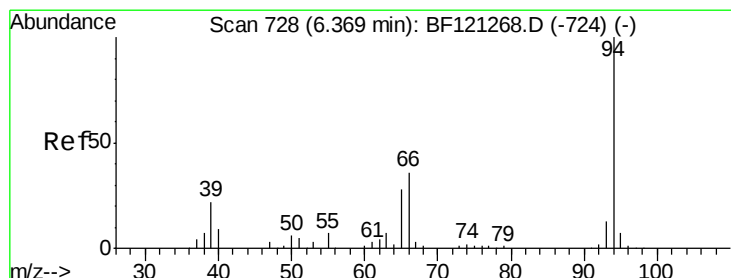
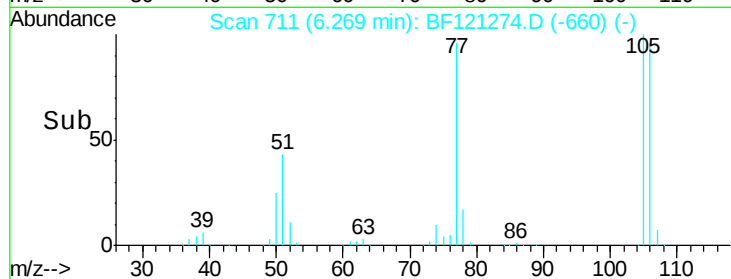
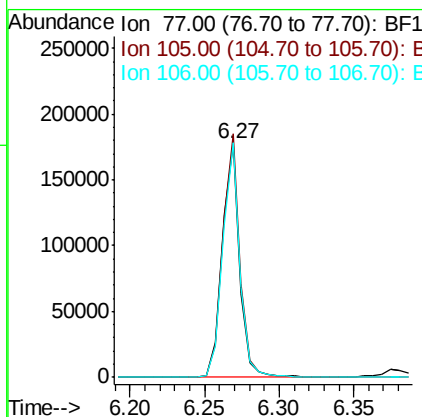
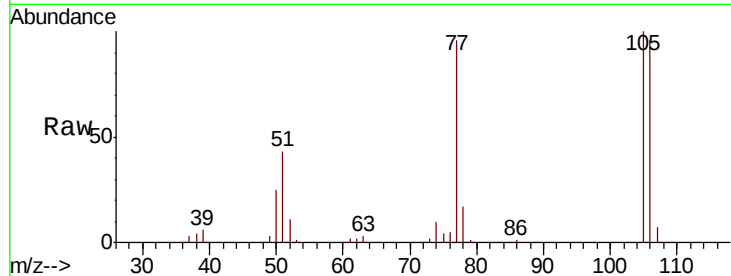




#9
Benzaldehyde
Concen: 40.097 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

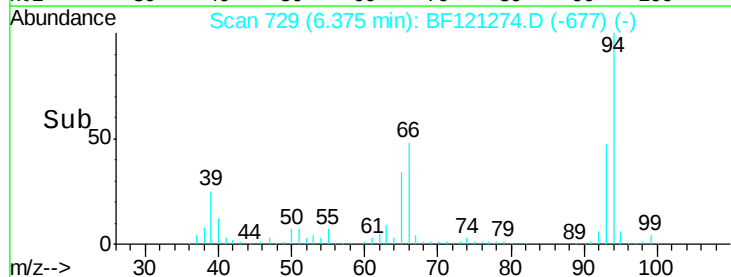
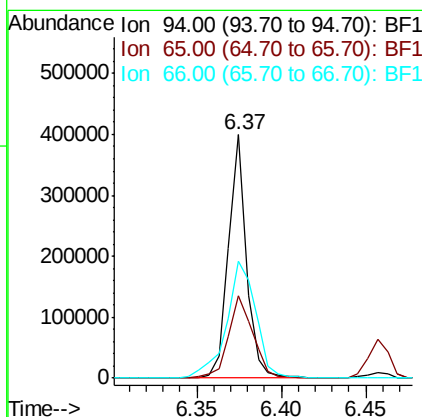
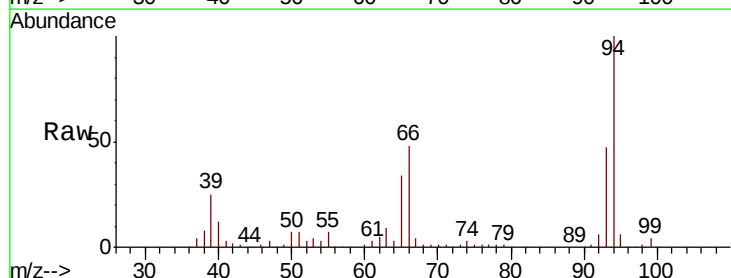
Instrument :
BNA_F
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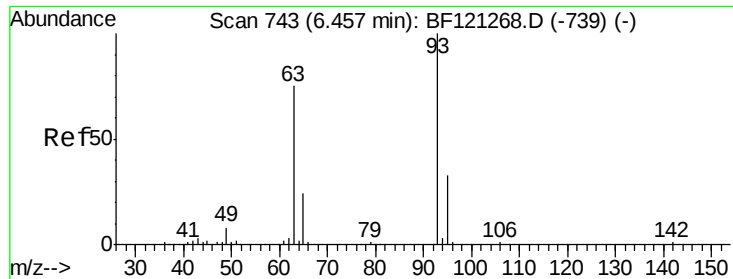
Tot Ion: 77 Resp: 146868
Ion Ratio Lower Upper
77 100
105 104.3 80.8 120.8
106 100.5 79.4 119.4



#10
Phenol
Concen: 38.590 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion: 94 Resp: 297540
Ion Ratio Lower Upper
94 100
65 34.0 13.0 53.0
66 47.8 26.1 66.1

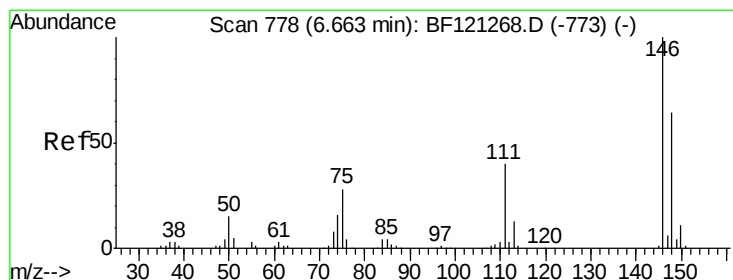
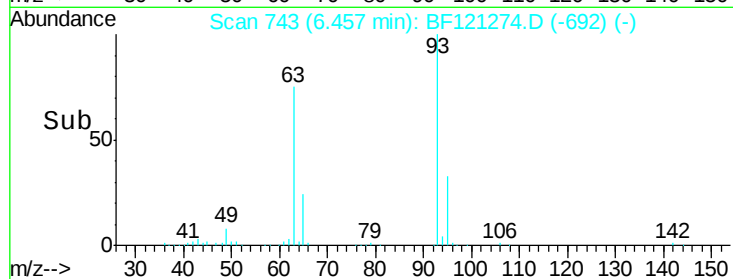
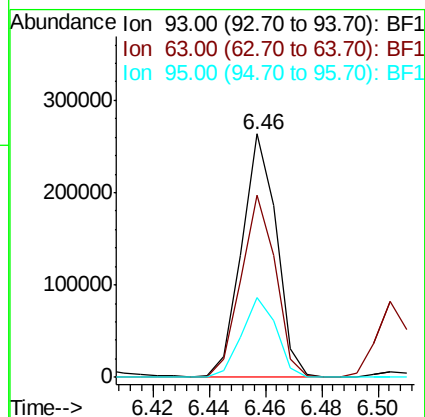
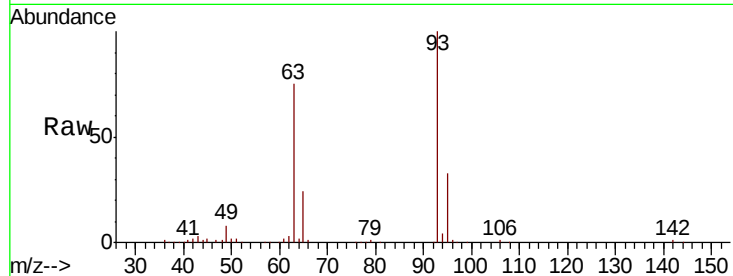




#11
bis(2-Chloroethyl)ether
Concen: 40.341 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

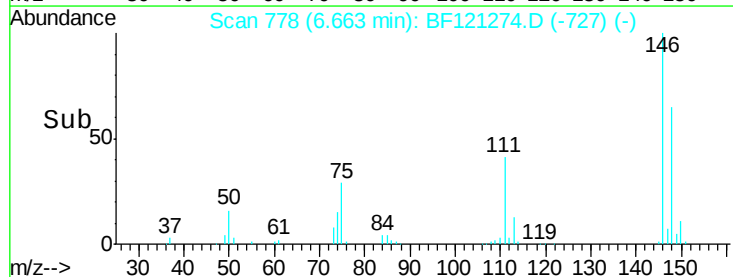
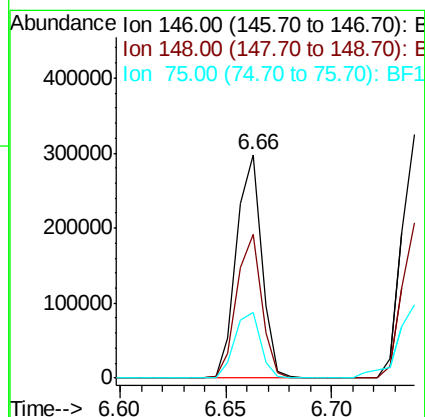
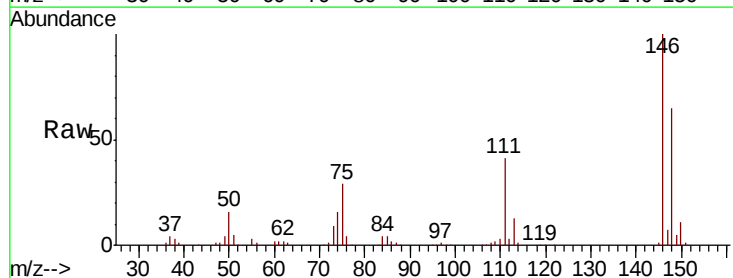
Instrument :
BNA_F
ClientSampleId :
PB130942BS

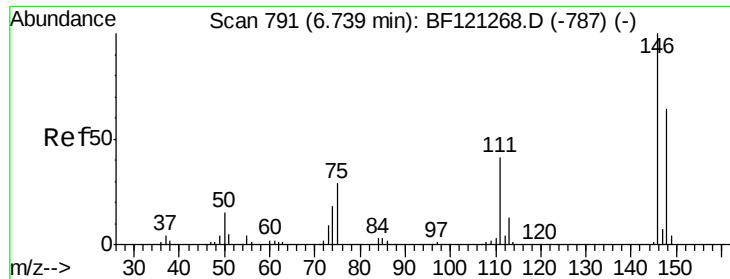
Tot Ion: 93 Resp: 224517
Ion Ratio Lower Upper
93 100
63 74.8 51.2 91.2
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.340 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion: 146 Resp: 245704
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 29.3 22.5 33.7

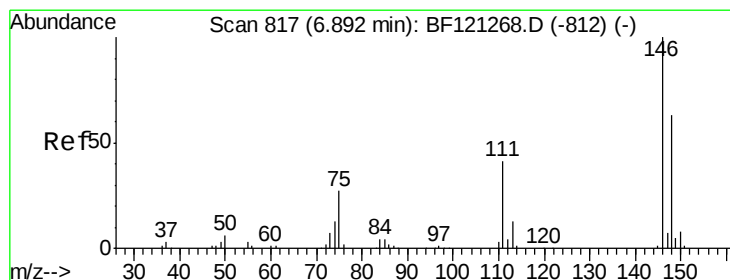
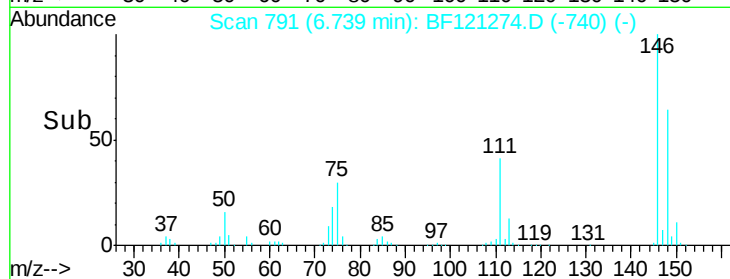
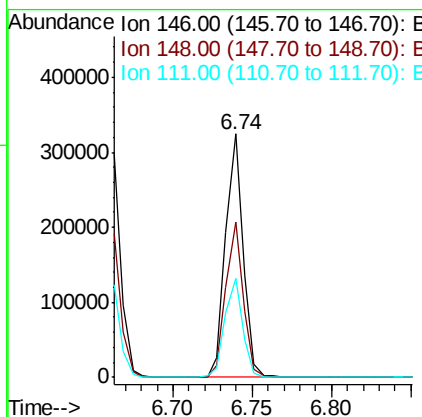
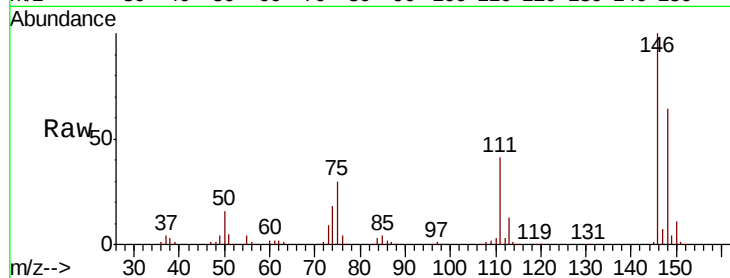




#13
 1,4-Dichlorobenzene
 Concen: 38.420 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

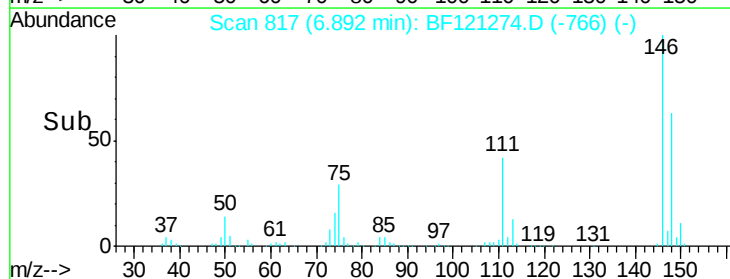
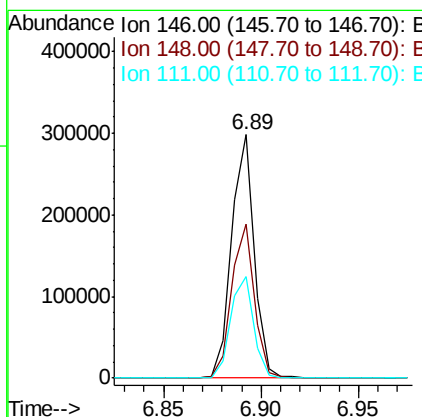
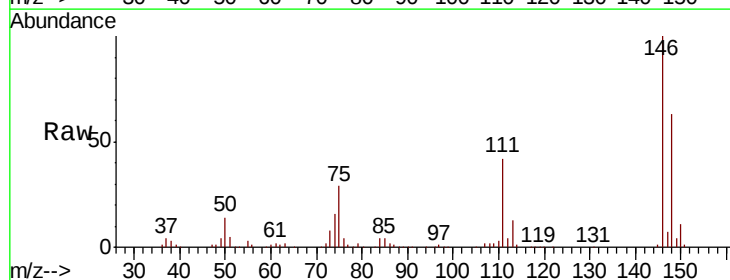
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

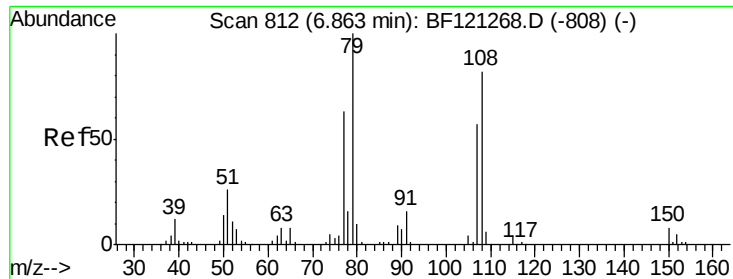
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	40.7	32.2	48.4



#14
 1,2-Dichlorobenzene
 Concen: 39.276 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	41.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 39.632 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

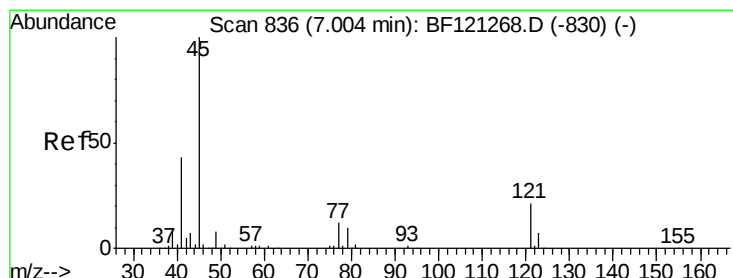
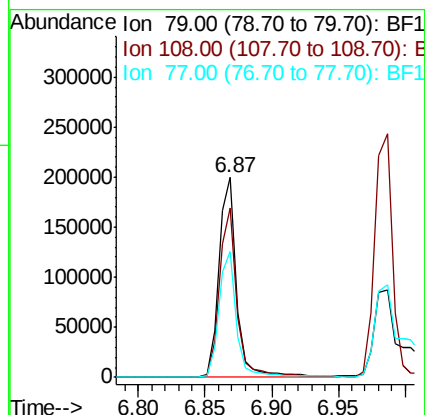
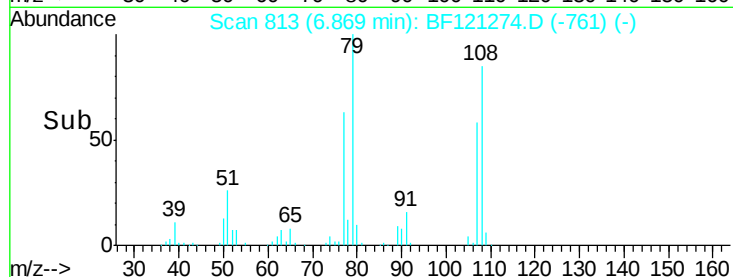
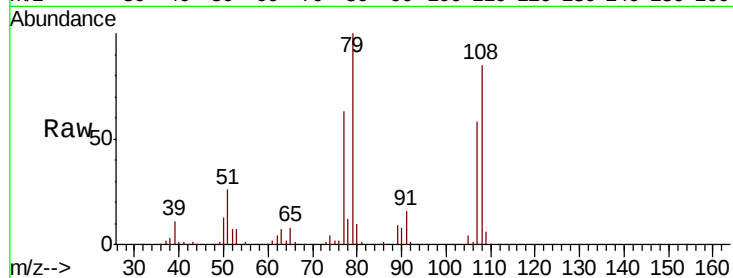
Tot Ion: 79 Resp: 188696

Ion Ratio Lower Upper

79 100

108 84.9 67.4 101.0

77 63.2 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.677 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

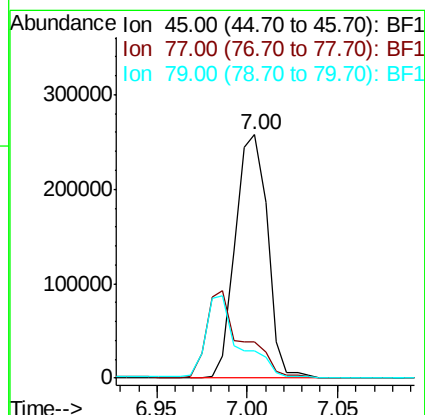
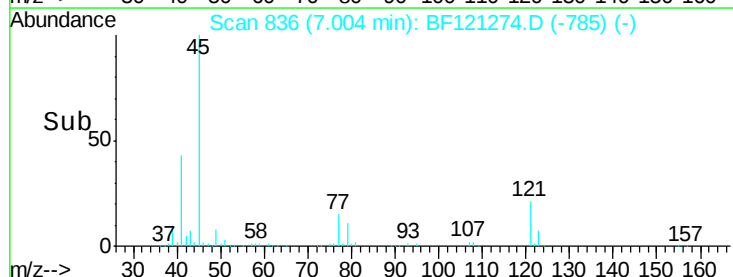
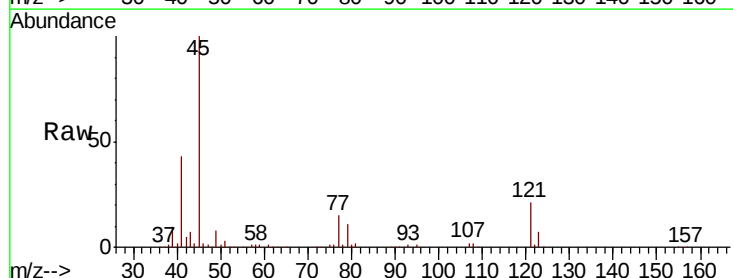
Tgt Ion: 45 Resp: 317978

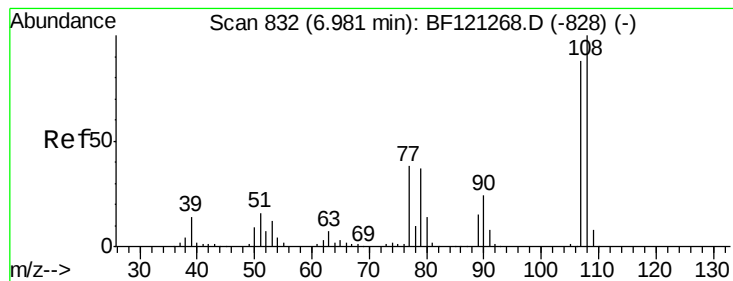
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.1

79 11.4 0.0 32.0





#17

2-Methylphenol

Concen: 41.071 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

Tot Ion:107 Resp: 196766

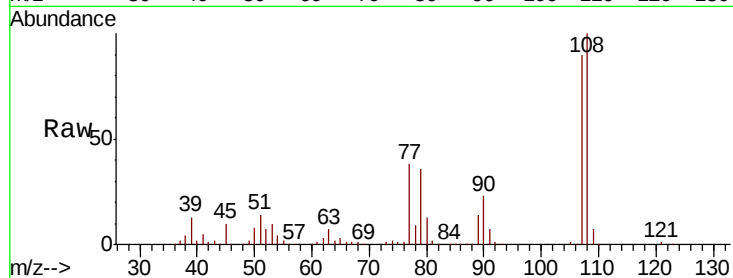
Ion Ratio Lower Upper

107 100

108 111.7 92.6 138.8

77 42.3 35.0 52.6

79 40.3 33.4 50.2

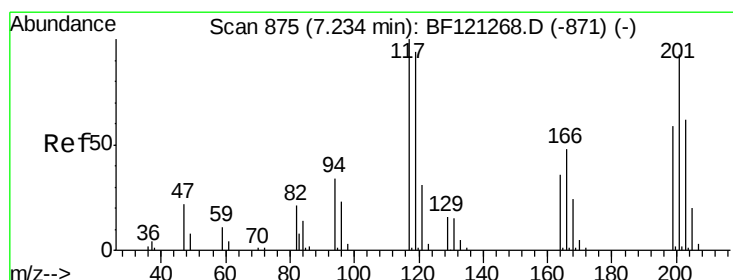
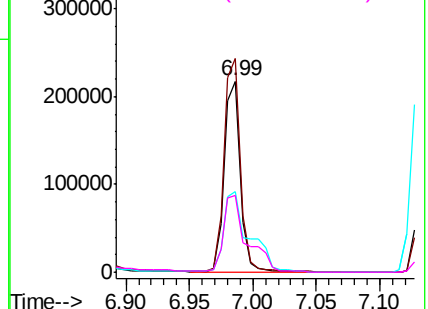
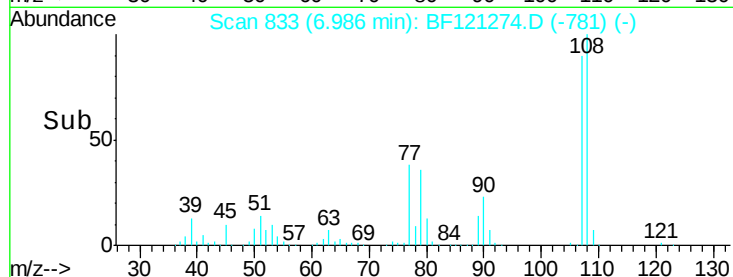


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.561 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

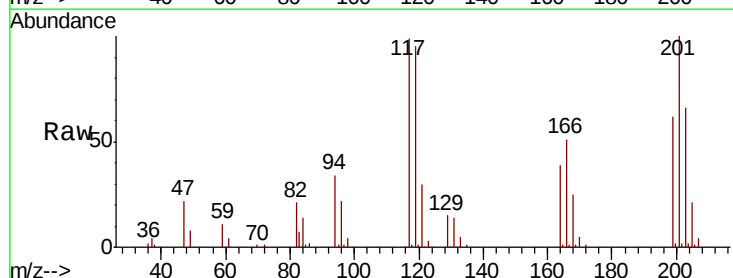
Tgt Ion:117 Resp: 90619

Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.2

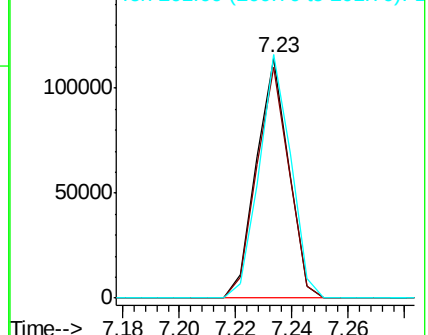
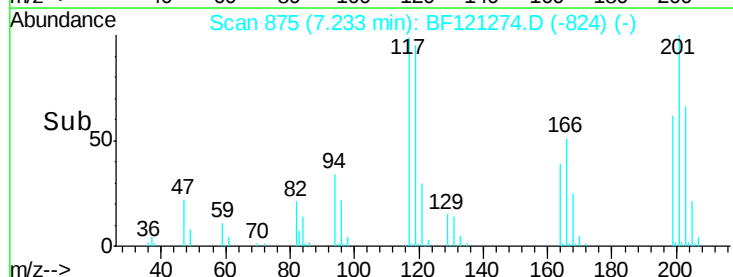
201 101.5 74.8 112.2

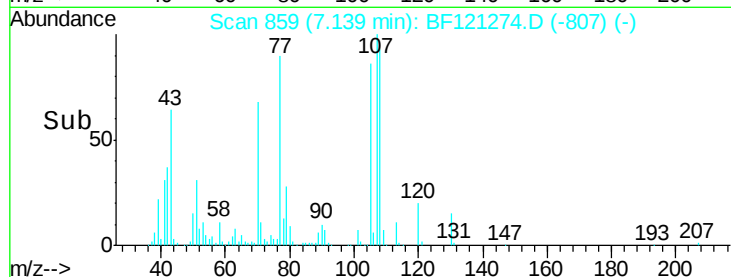
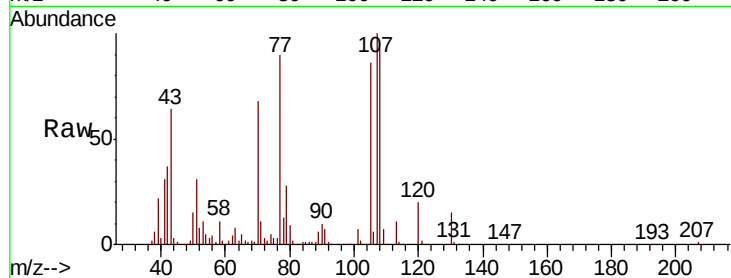
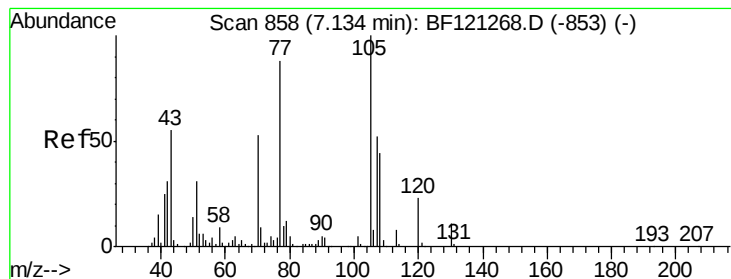


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.595 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

Tot Ion: 70 Resp: 148469

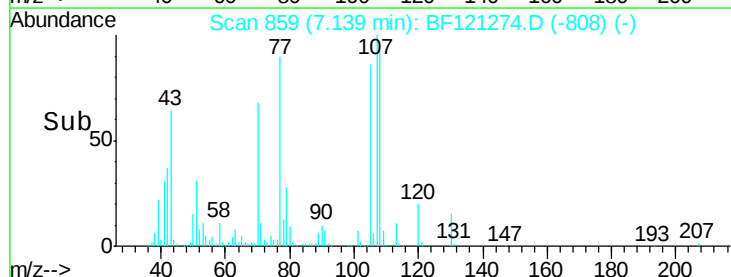
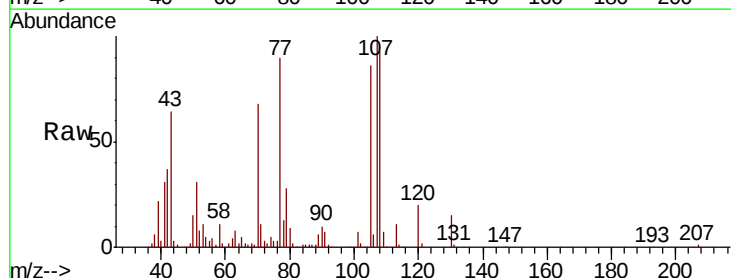
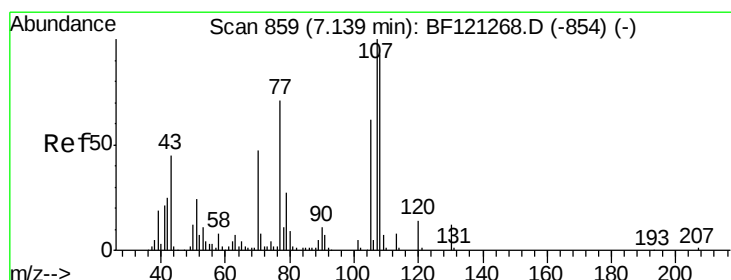
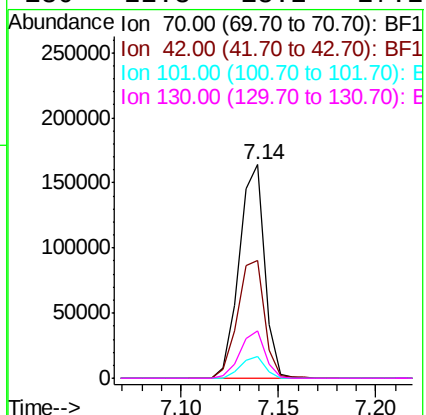
Ion Ratio Lower Upper

70 100

42 54.9 45.6 68.4

101 10.0 7.8 11.8

130 22.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 37.994 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:107 Resp: 230940

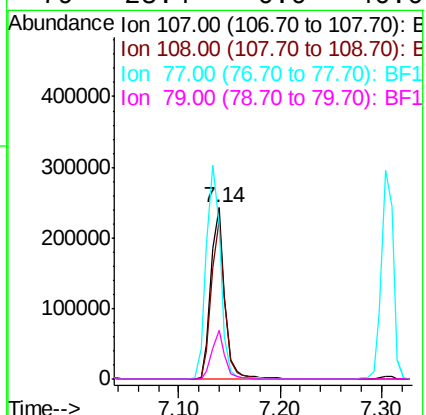
Ion Ratio Lower Upper

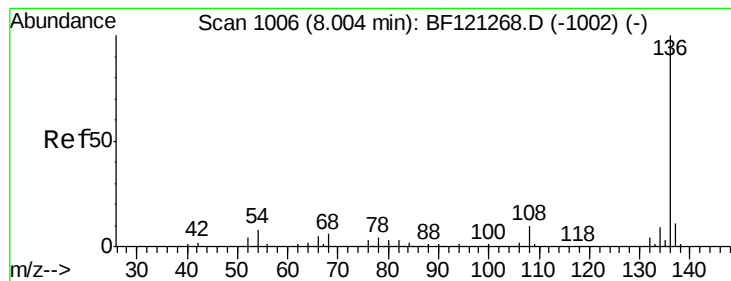
107 100

108 92.7 66.5 106.5

77 89.9 94.4 134.4#

79 28.4 6.0 46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

Tot Ion:136 Resp: 328533

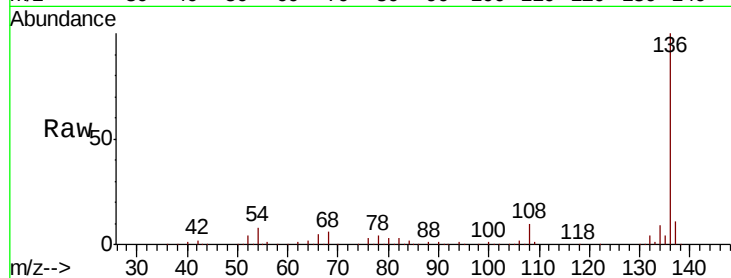
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.7 5.3 7.9

68 6.2 4.2 6.2

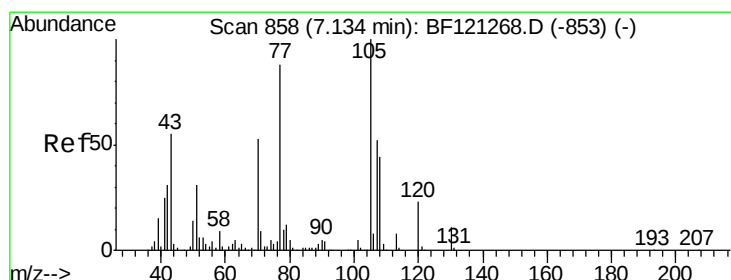
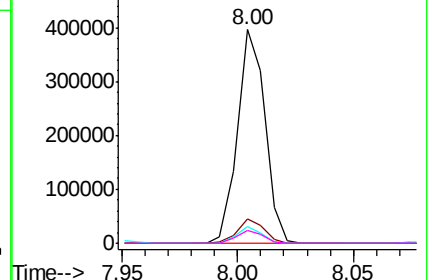
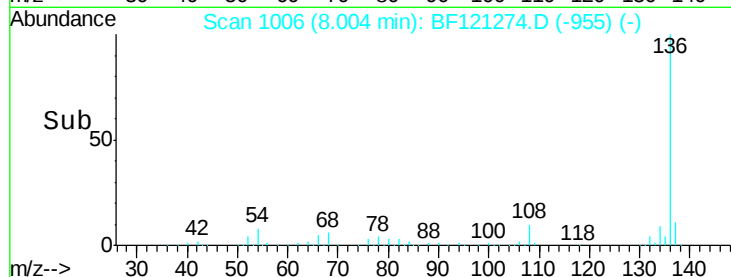


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.887 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:105 Resp: 312132

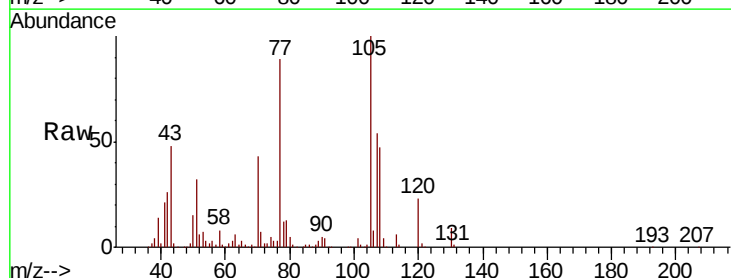
Ion Ratio Lower Upper

105 100

71 6.9 4.6 7.0

51 31.9 24.2 36.2

120 22.7 17.8 26.6

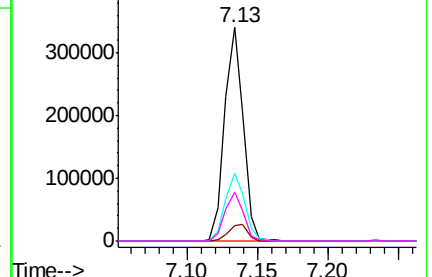
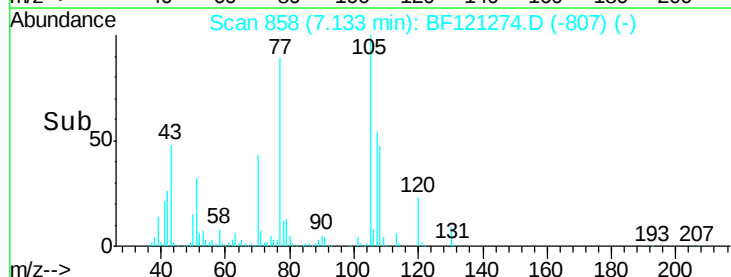


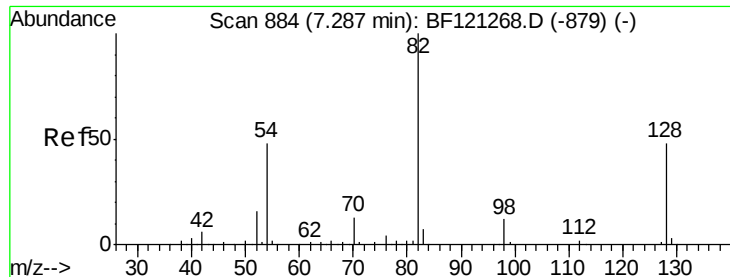
Abundance Ion 105.00 (104.70 to 105.70): E

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

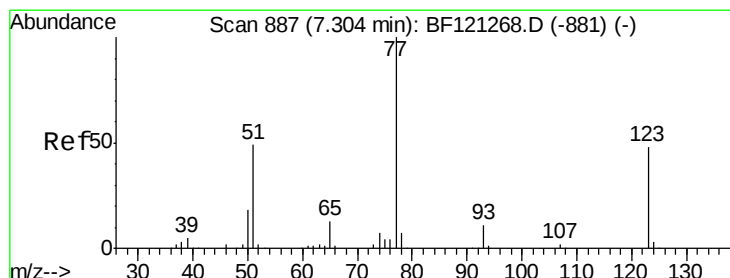
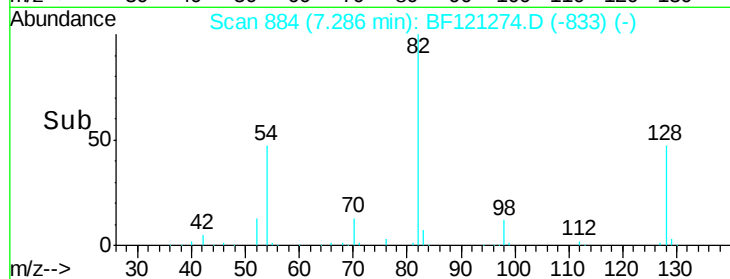
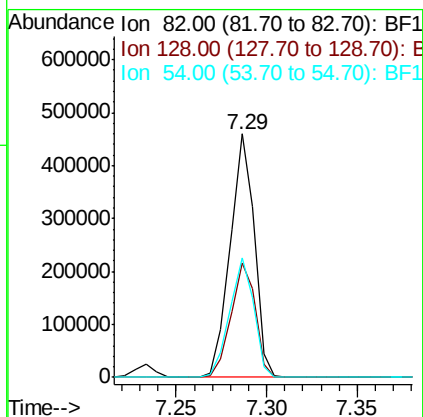
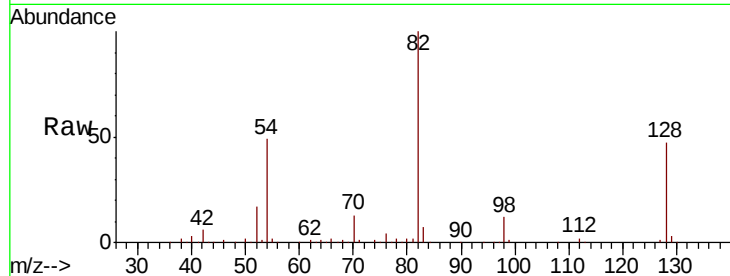




#23
Nitrobenzene-d5
Concen: 70.747 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

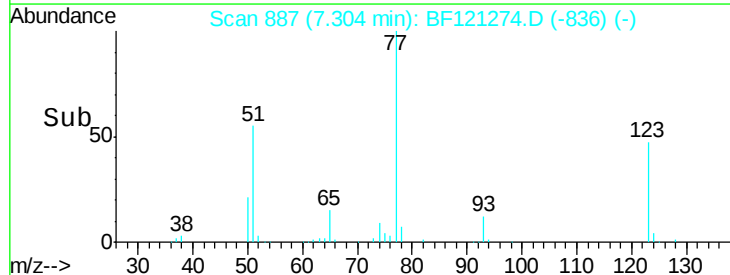
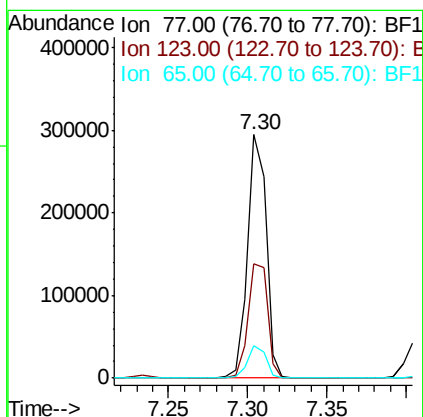
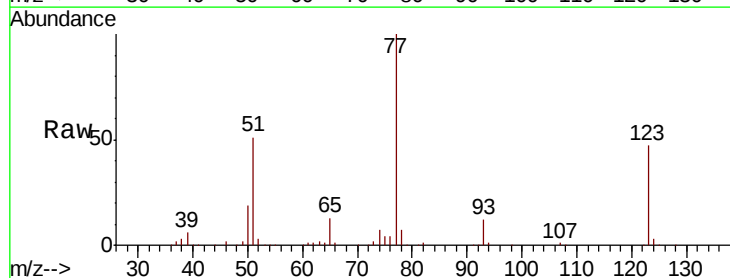
Instrument :
BNA_F
ClientSampleId :
PB130942BS

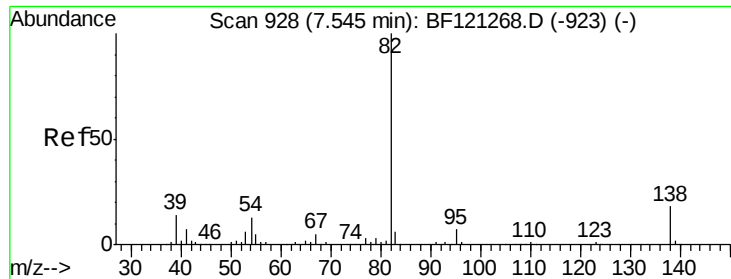
Tot Ion: 82 Resp: 425278
Ion Ratio Lower Upper
82 100
128 47.0 39.8 59.8
54 49.1 37.7 56.5



#24
Nitrobenzene
Concen: 36.839 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion: 77 Resp: 240287
Ion Ratio Lower Upper
77 100
123 47.0 42.0 63.0
65 13.4 10.4 15.6





#25

Isophorone

Concen: 36.379 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

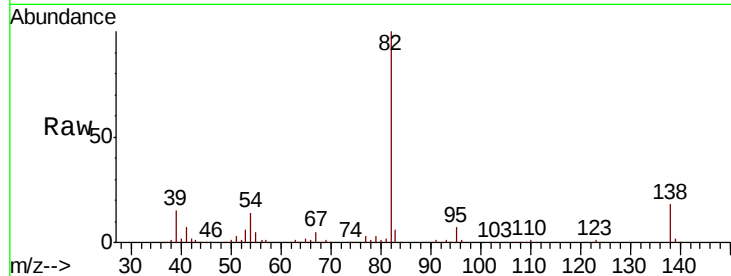
Tot Ion: 82 Resp: 439066

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

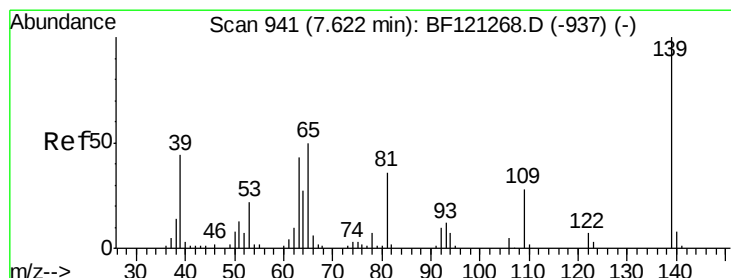
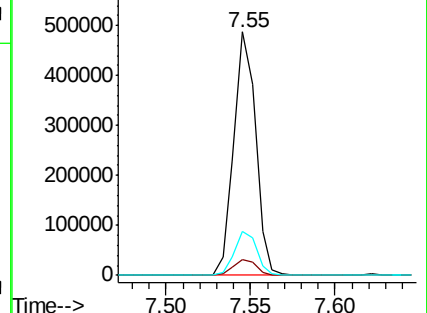
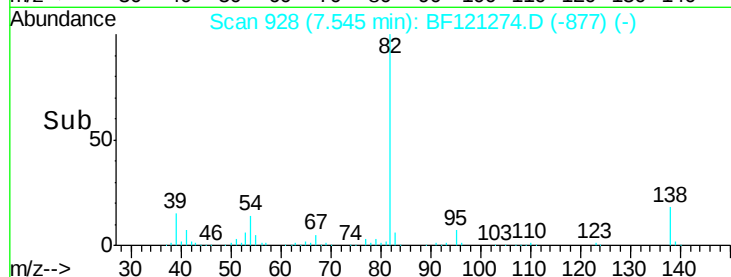
138 17.8 16.0 24.0



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: 39.116 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

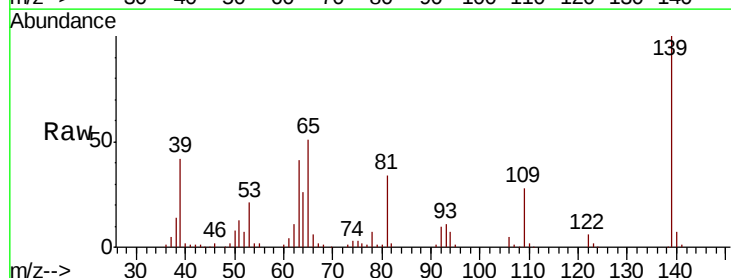
Tgt Ion: 139 Resp: 123622

Ion Ratio Lower Upper

139 100

109 28.1 20.6 31.0

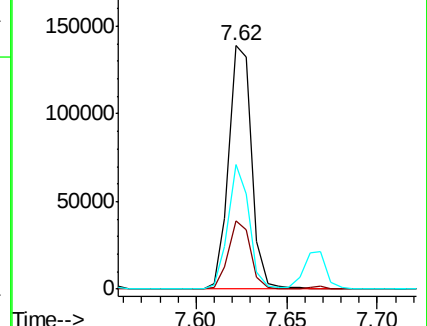
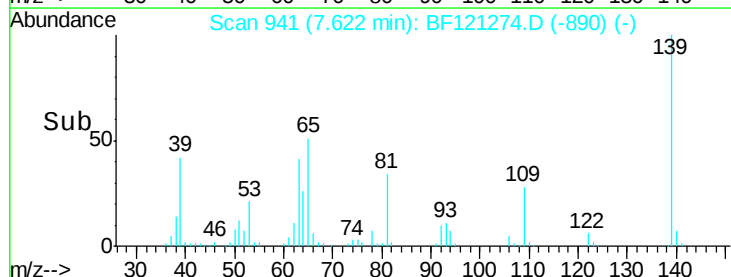
65 51.0 35.1 52.7

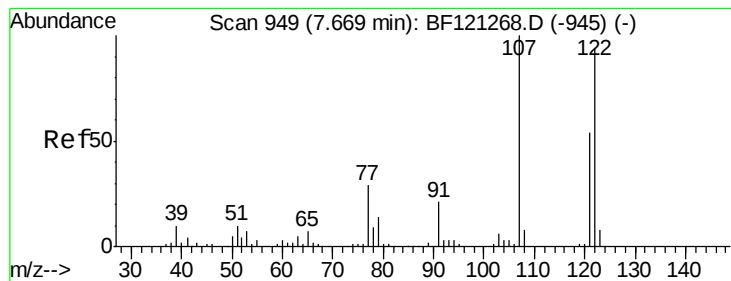


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.392 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

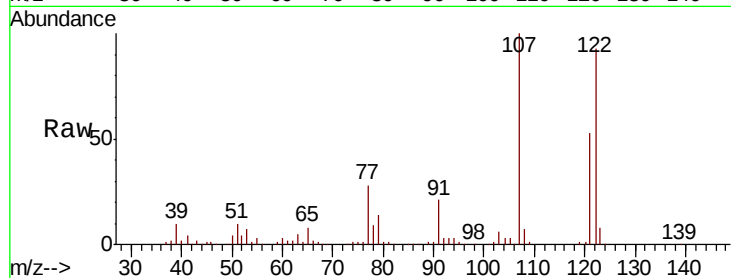
Tot Ion:122 Resp: 209595

Ion Ratio Lower Upper

122 100

107 107.1 89.0 133.4

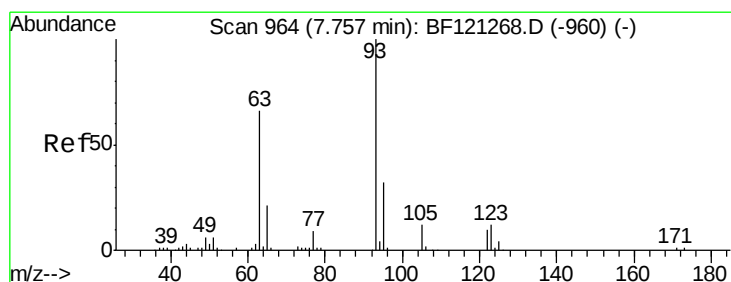
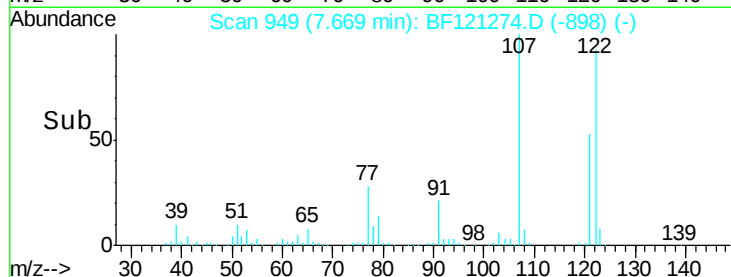
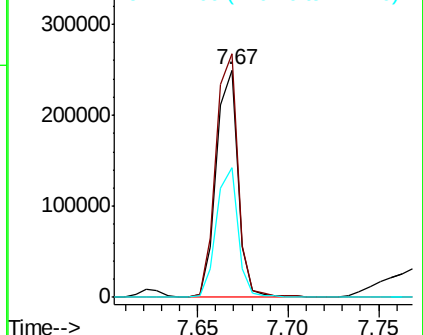
121 57.0 46.1 69.1



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: 41.298 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

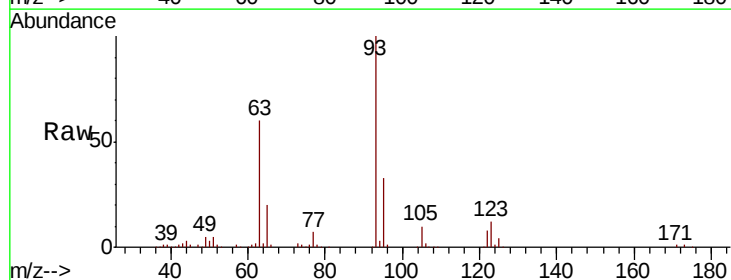
Tgt Ion: 93 Resp: 278784

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

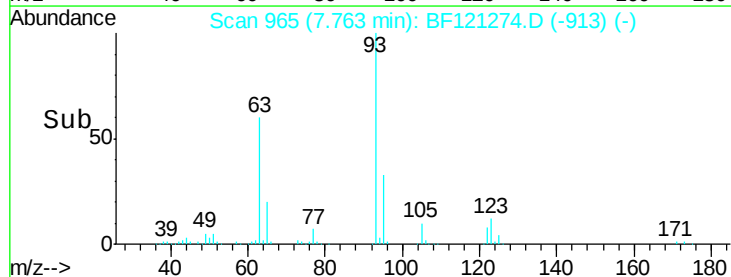
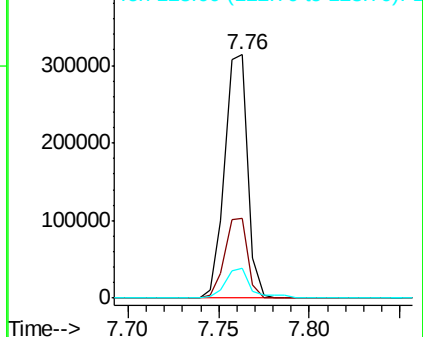
123 12.4 9.6 14.4

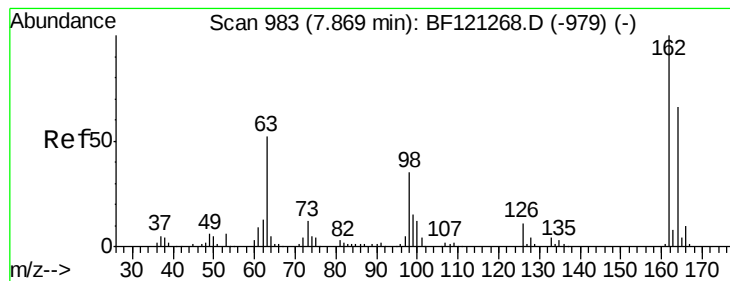


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

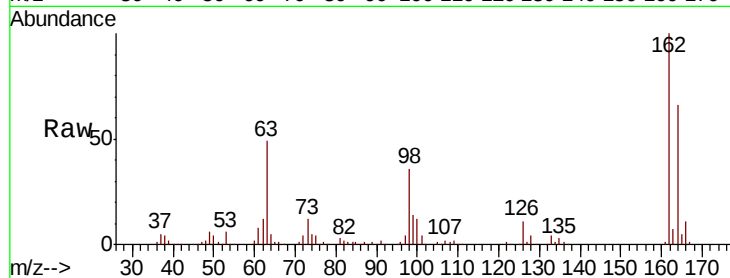




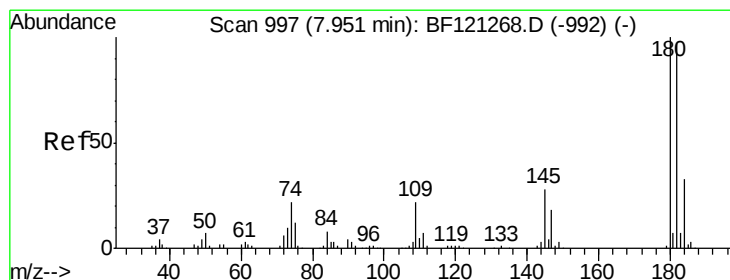
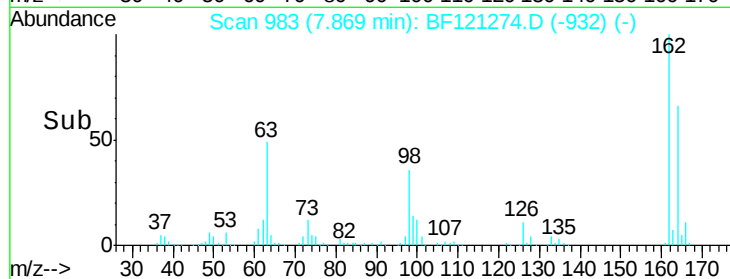
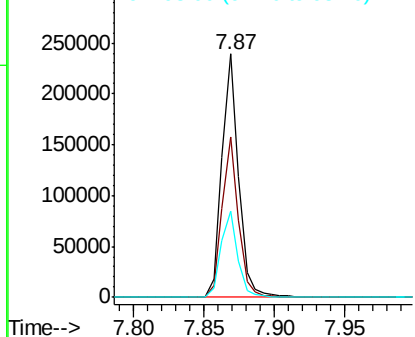
#29
2,4-Dichlorophenol
Concen: 37.987 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.4	83.4
98	35.5	18.1	58.1

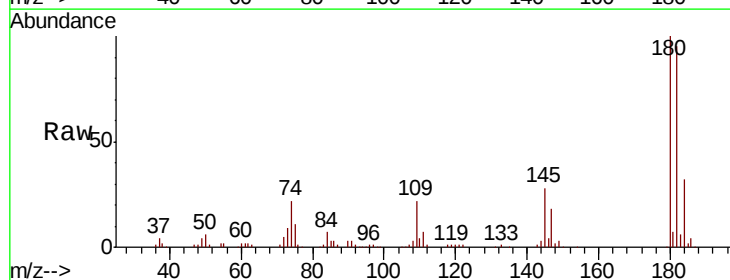


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

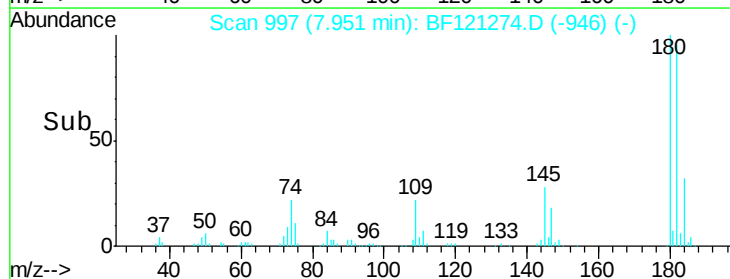
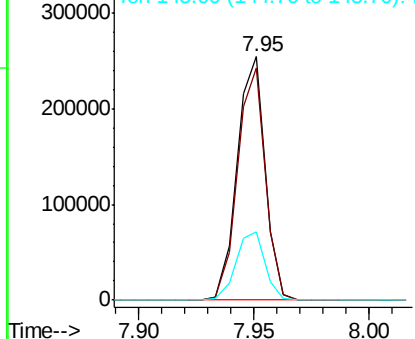


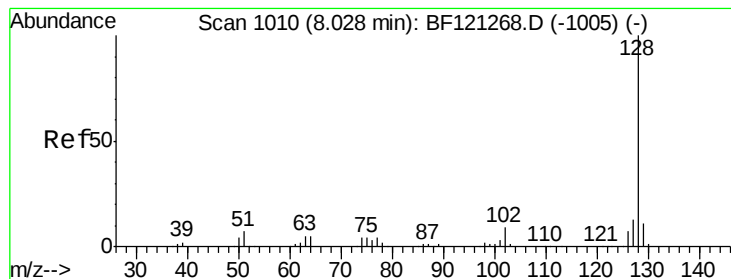
#30
1,2,4-Trichlorobenzene
Concen: 37.484 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	27.9	23.6	35.4



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: 36.437 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

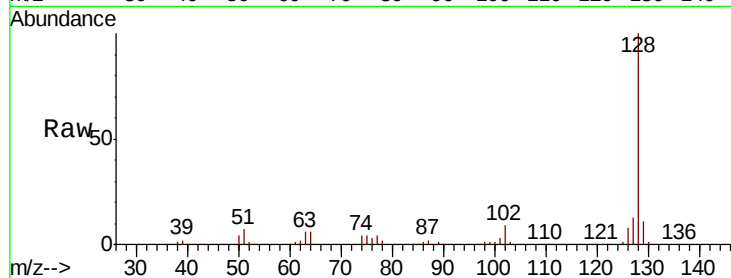
Tot Ion:128 Resp: 673475

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

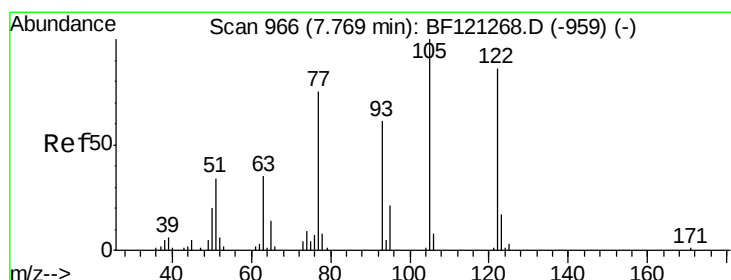
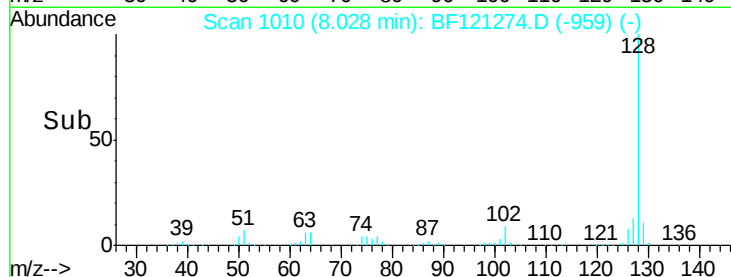
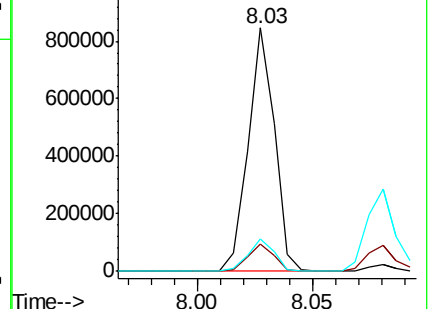
127 13.5 10.6 16.0



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: 38.470 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

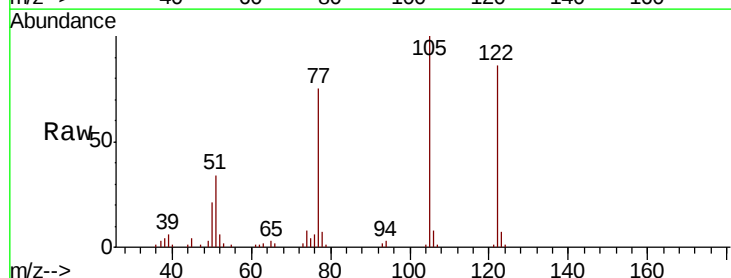
Tgt Ion:122 Resp: 102949

Ion Ratio Lower Upper

122 100

105 116.1 101.3 141.3

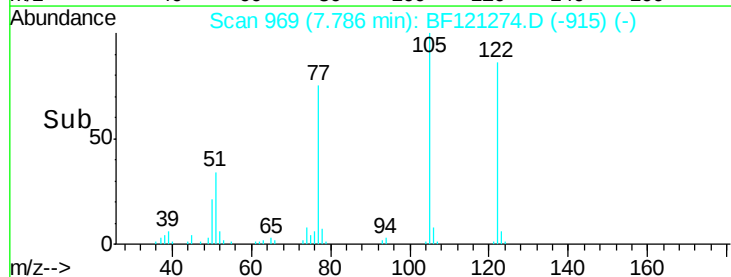
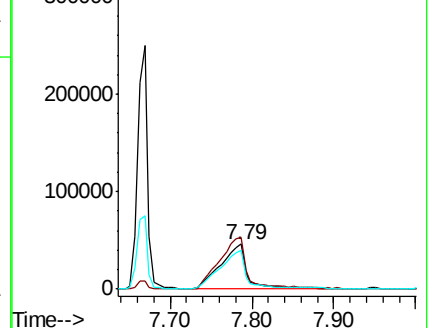
77 87.6 68.5 108.5

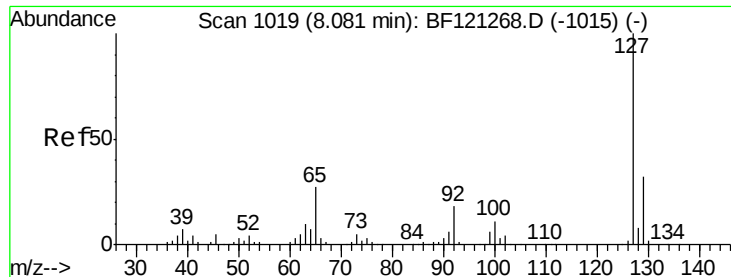


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

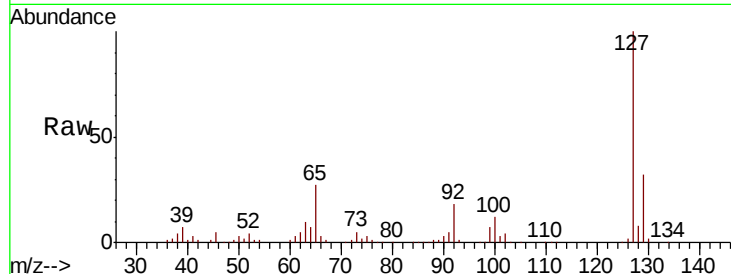




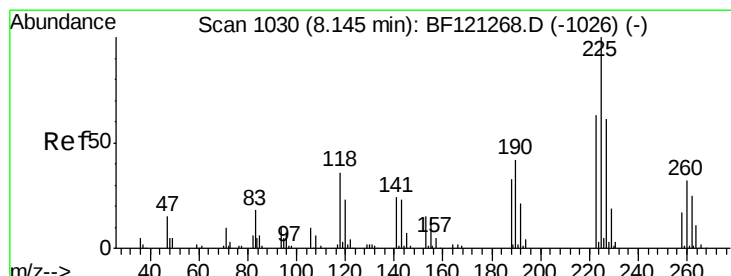
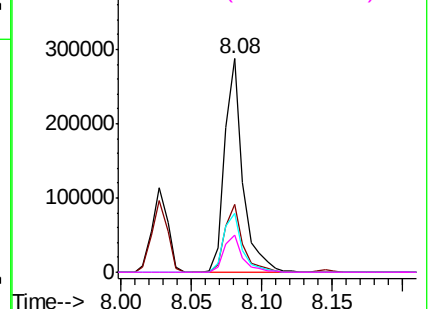
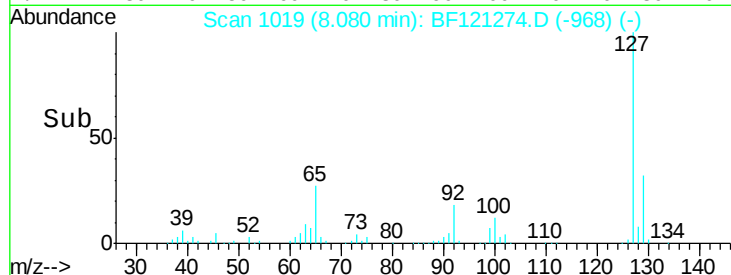
#33
4-Chloroaniline
Concen: 34.064 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion:127	Resp:	256944
Ion Ratio	Lower	Upper
127	100	
129	31.6	25.8 38.8
65	27.4	23.5 35.3
92	17.6	14.5 21.7

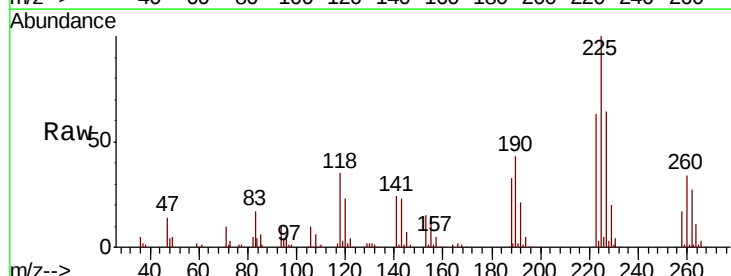


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

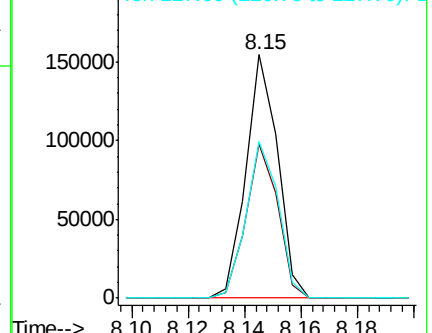
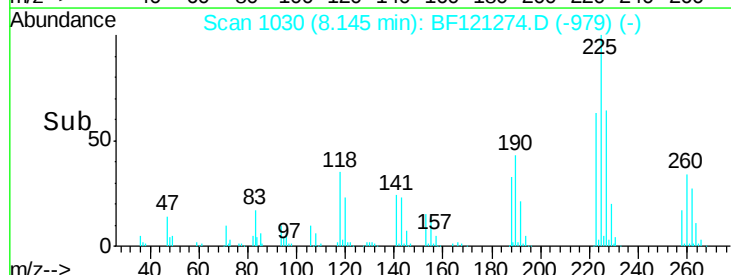


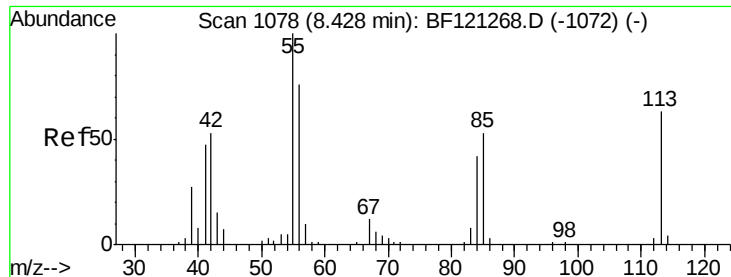
#34
Hexachlorobutadiene
Concen: 34.894 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion:225	Resp:	120661
Ion Ratio	Lower	Upper
225	100	
223	63.4	49.8 74.8
227	64.3	51.9 77.9



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

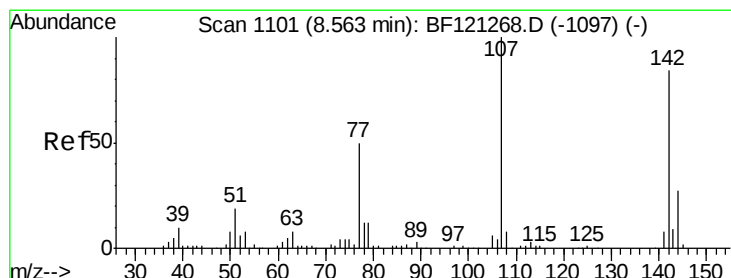
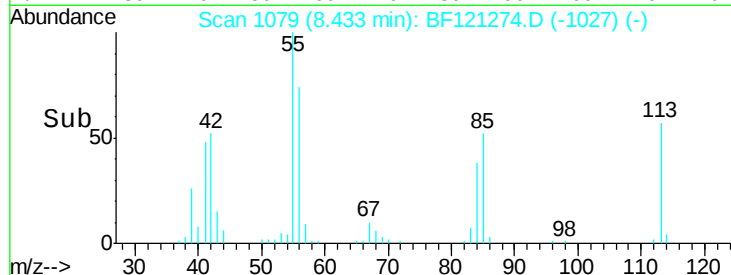
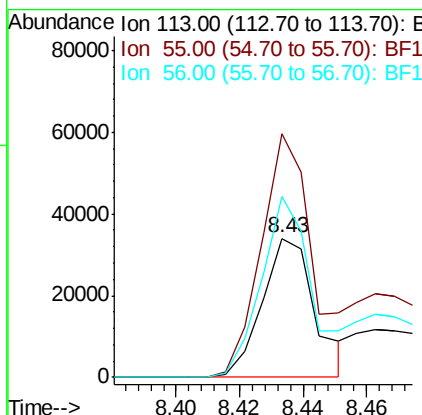
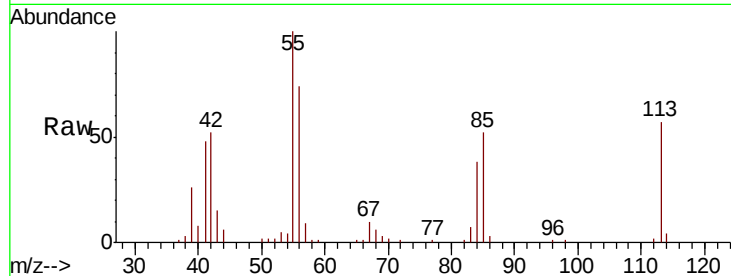




#35
 Caprolactam
 Concen: 25.067 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

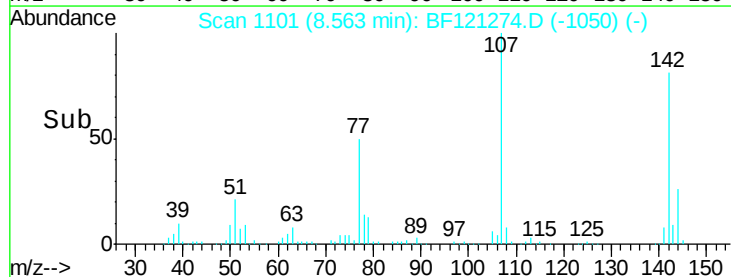
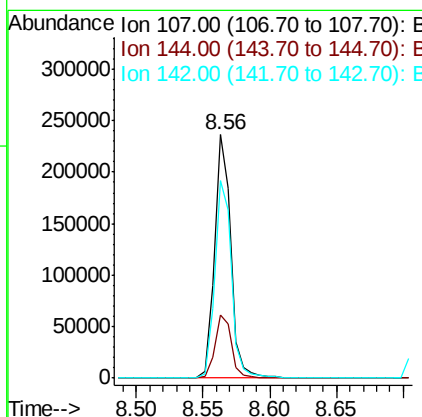
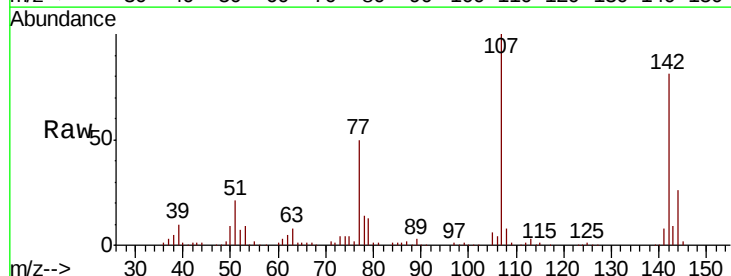
Instrument :
 BNA_F
 ClientSampleID :
 PB130942BS

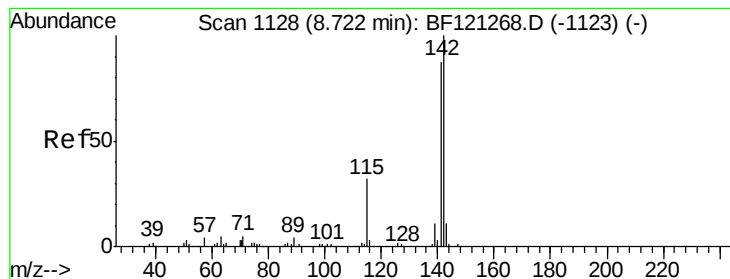
Tot Ion:113 Resp: 39096
 Ion Ratio Lower Upper
 113 100
 55 175.0 151.9 191.9
 56 129.7 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.640 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:107 Resp: 204137
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 81.3 63.5 95.3





#37

2-Methylnaphthalene

Concen: 37.109 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

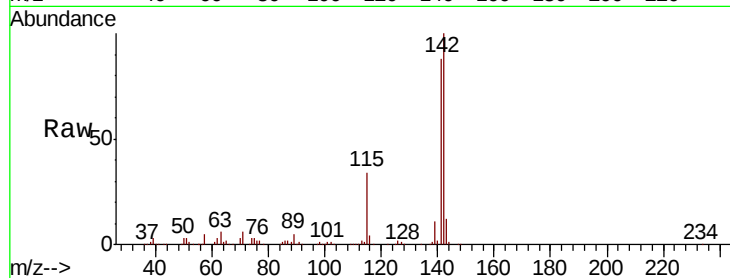
Tot Ion:142 Resp: 451355

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

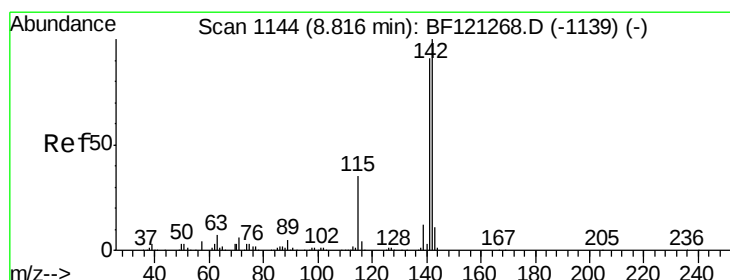
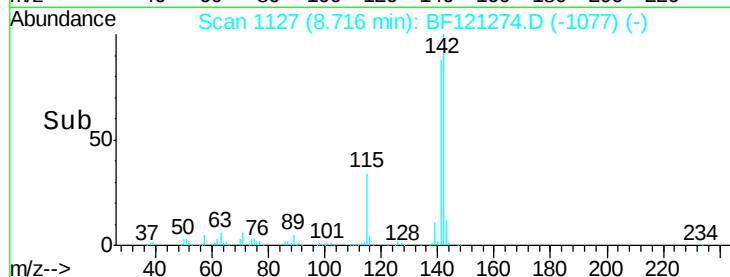
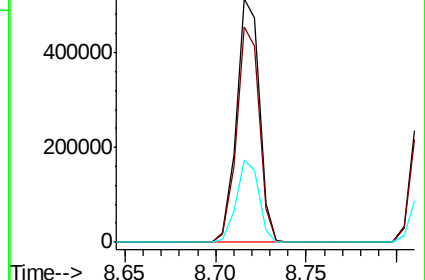
115 33.9 25.9 38.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.677 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

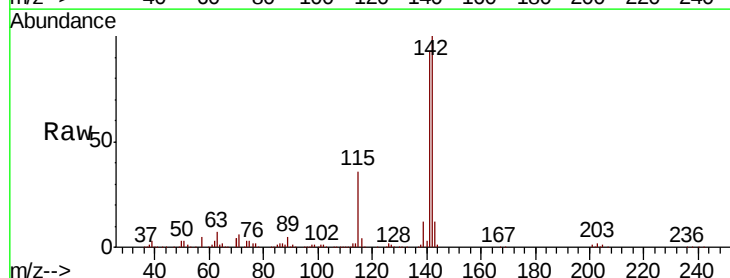
Tgt Ion:142 Resp: 422383

Ion Ratio Lower Upper

142 100

141 92.8 73.0 109.4

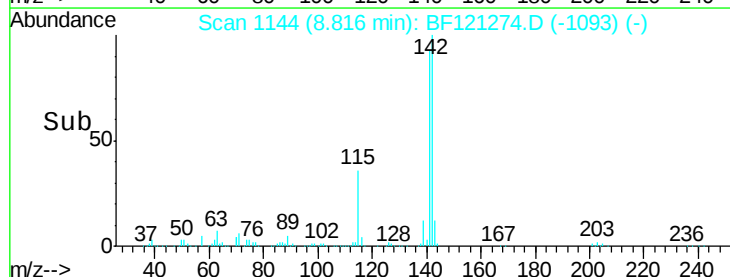
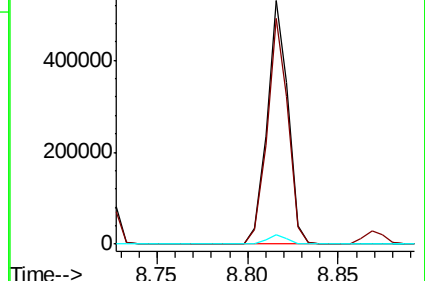
116 3.7 3.0 4.6

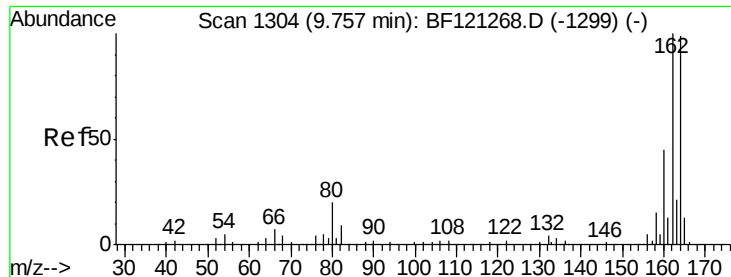


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

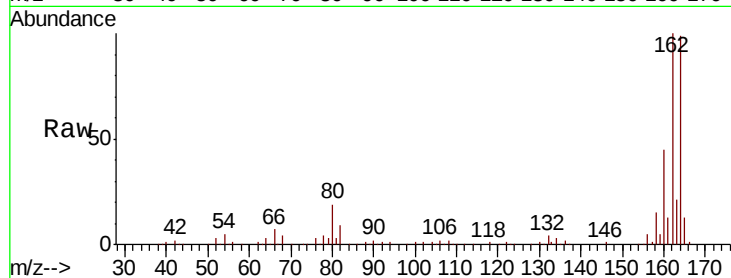
Tot Ion:164 Resp: 170934

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 45.2 36.9 55.3

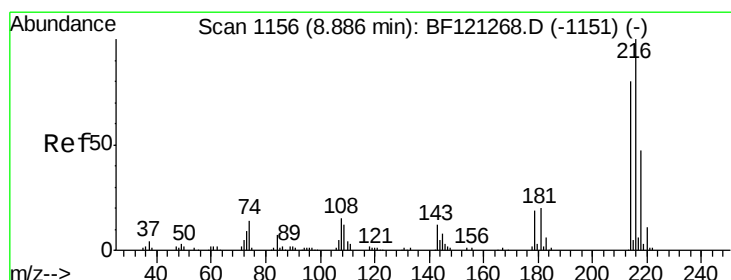
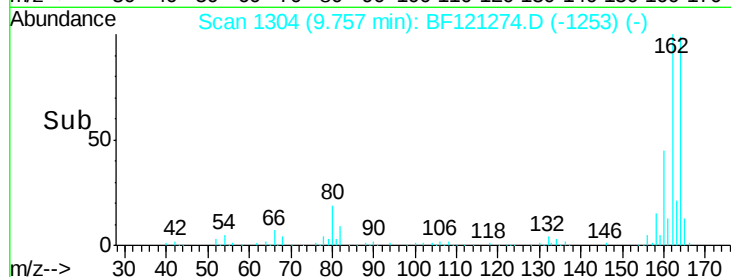
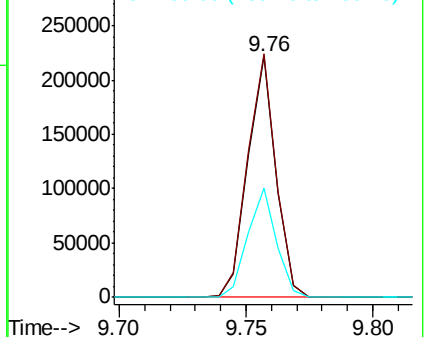


Abundance

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: 37.345 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:216 Resp: 213891

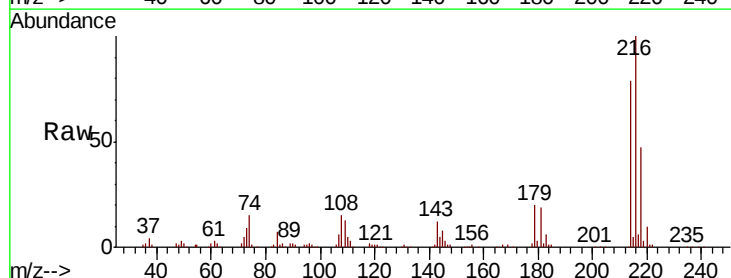
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.1 16.1 24.1

108 19.6 14.3 21.5



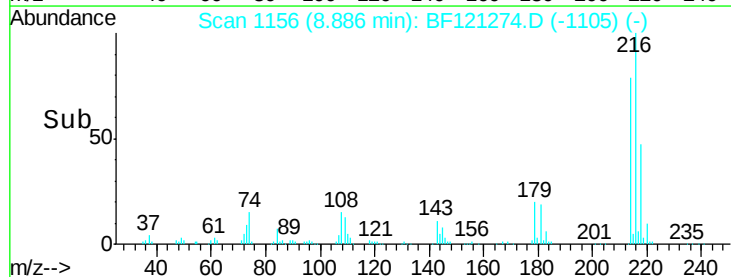
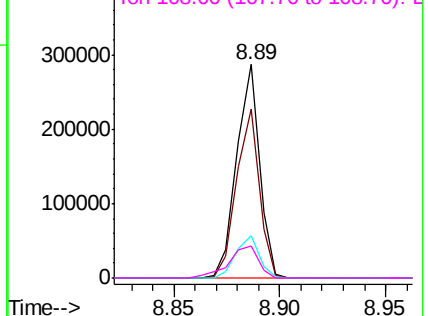
Abundance

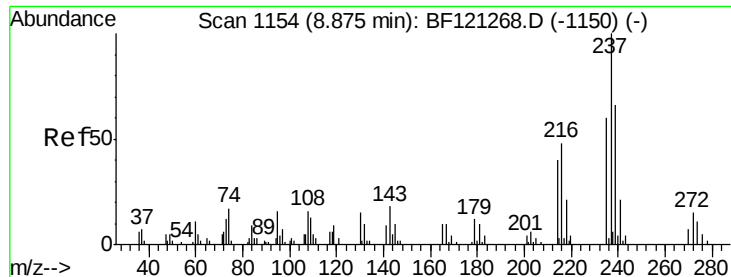
Ion 216.00 (215.70 to 216.70): E

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: 77.355 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

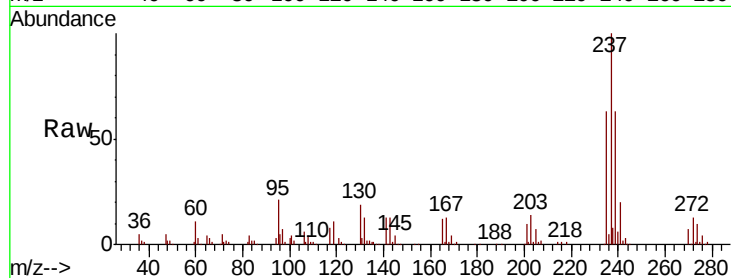
Tot Ion:237 Resp: 188611

Ion Ratio Lower Upper

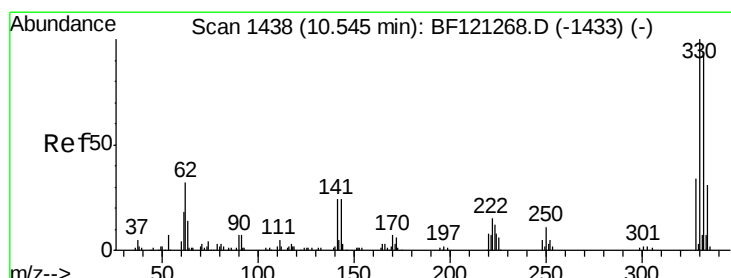
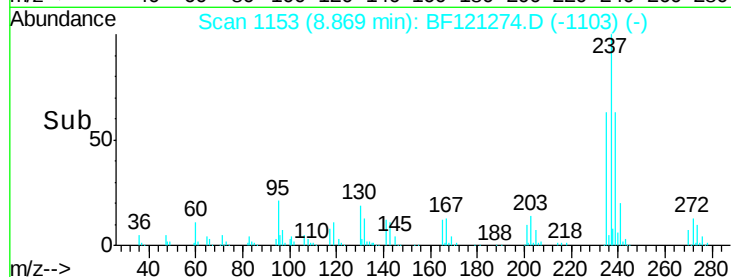
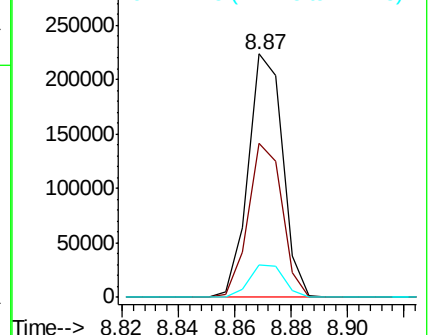
237 100

235 63.0 41.8 81.8

272 13.2 0.0 34.3



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: 97.467 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

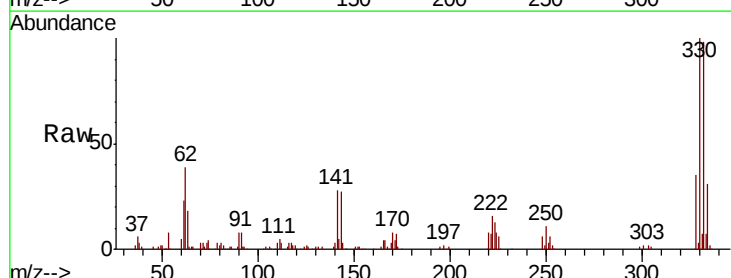
Tgt Ion:330 Resp: 205124

Ion Ratio Lower Upper

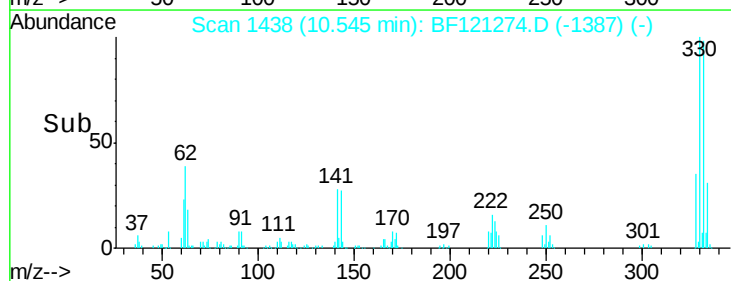
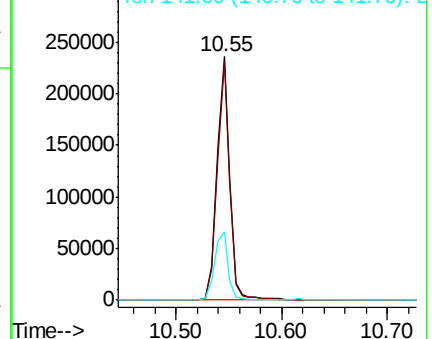
330 100

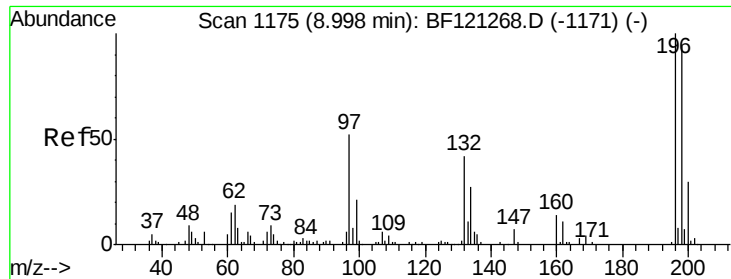
332 95.6 75.4 113.0

141 29.8 23.4 35.2



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

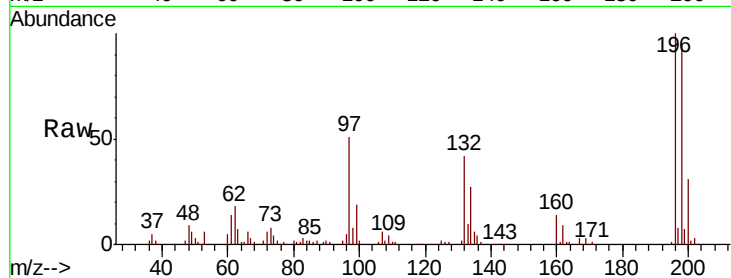




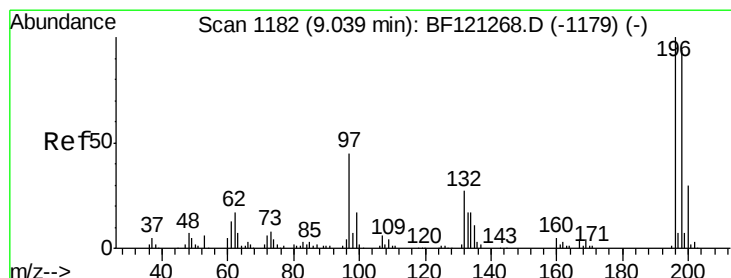
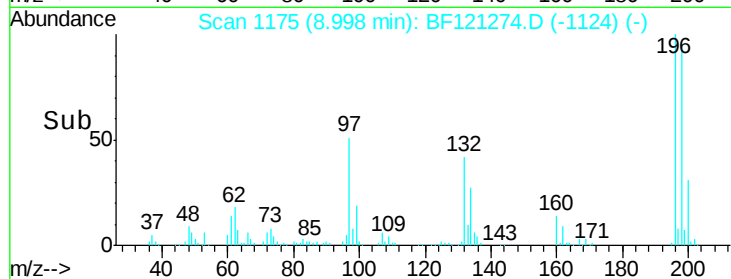
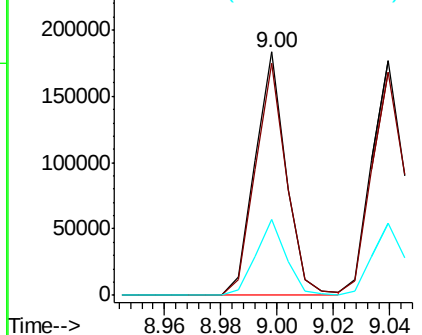
#43
 2,4,6-Trichlorophenol
 Concen: 38.357 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Instrument :
 BNA_F
 ClientSampleID :
 PB130942BS

Tot Ion	196	Resp	139717
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.3	114.5
200	31.1	24.4	36.6



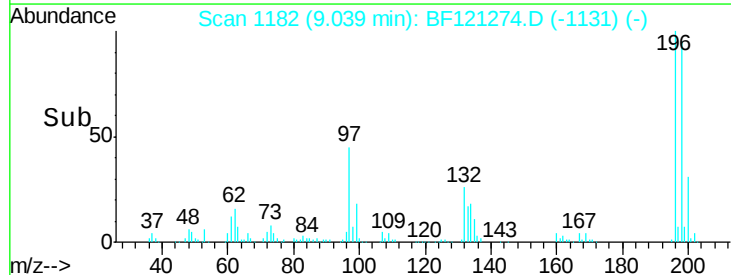
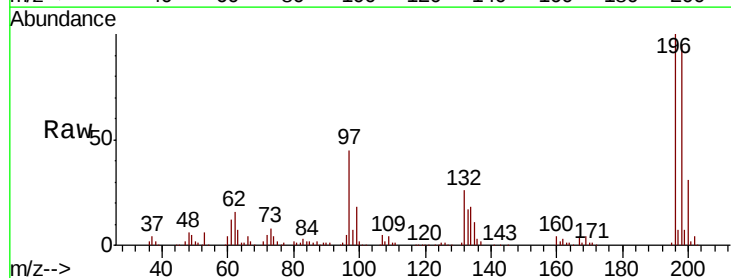
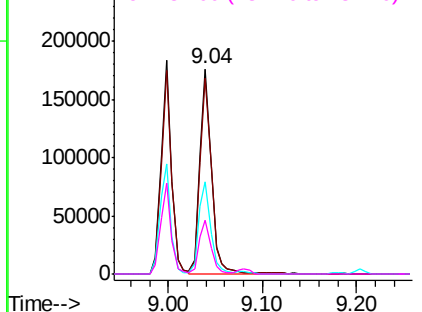
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

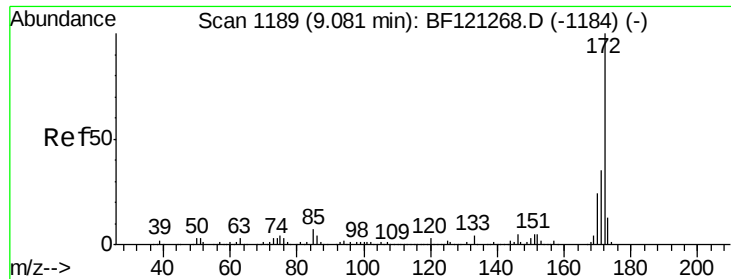


#44
 2,4,5-Trichlorophenol
 Concen: 38.851 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	196	Resp	153709
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.4	116.2
97	45.1	38.8	58.2
132	26.3	22.6	34.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

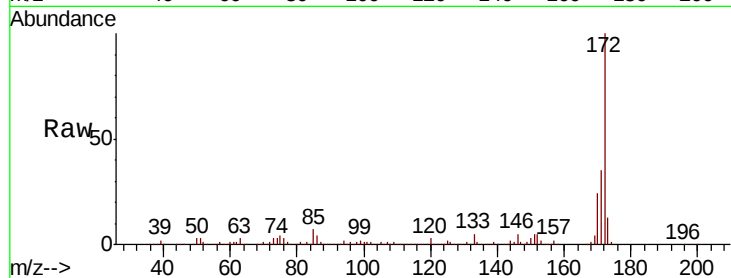




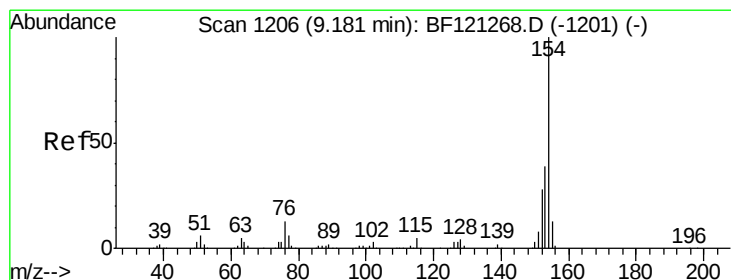
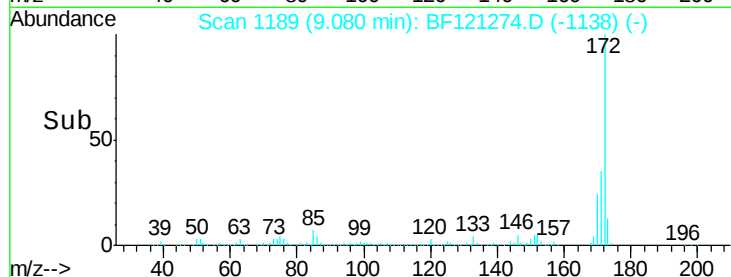
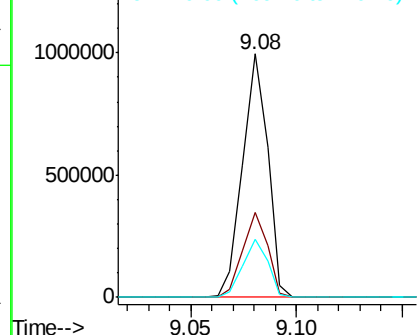
#45
2-Fluorobiphenyl
Concen: 66.041 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	23.8	19.3	28.9

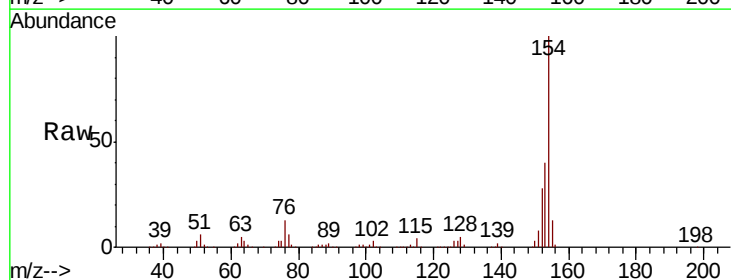


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

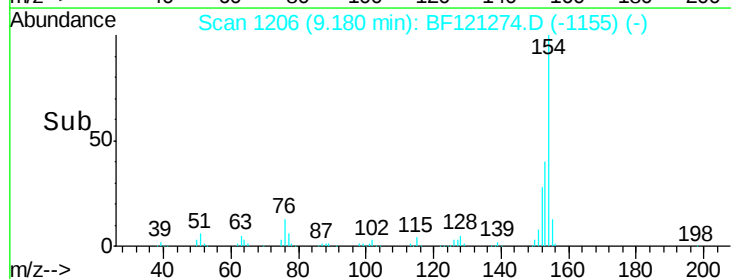
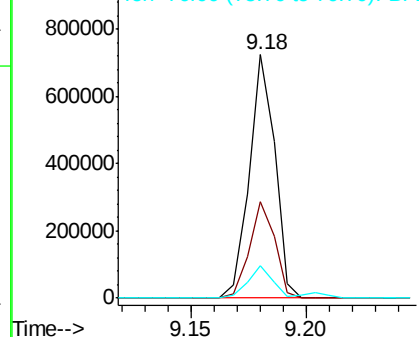


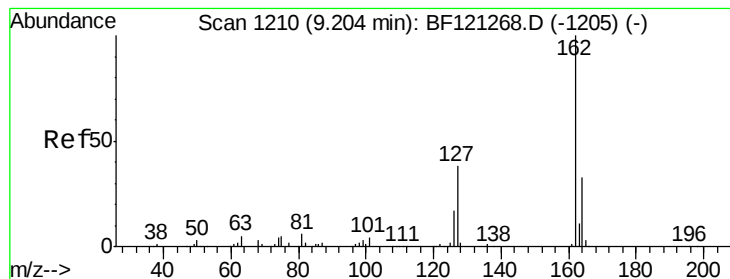
#46
1,1'-Biphenyl
Concen: 37.842 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.4	60.4
76	13.1	0.0	33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 37.278 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

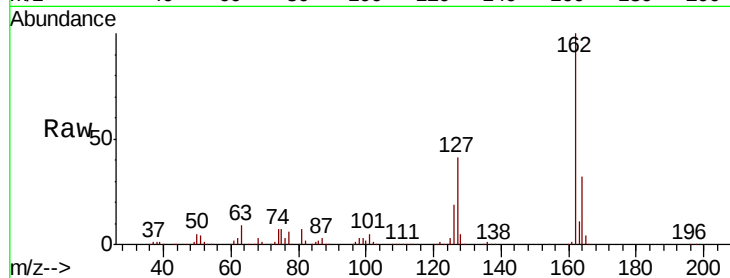
Tot Ion:162 Resp: 423825

Ion Ratio Lower Upper

162 100

127 40.5 30.5 45.7

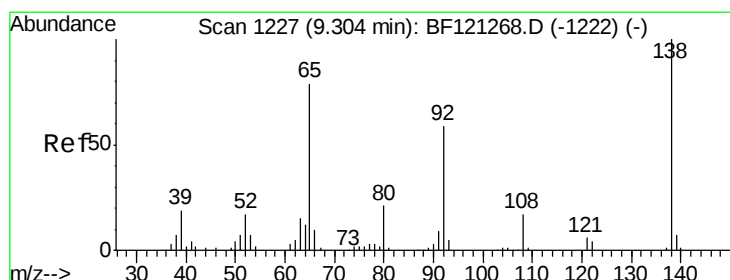
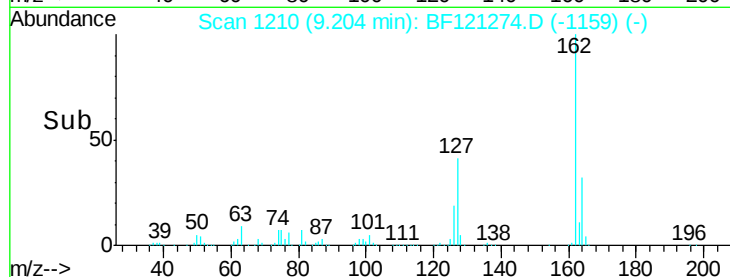
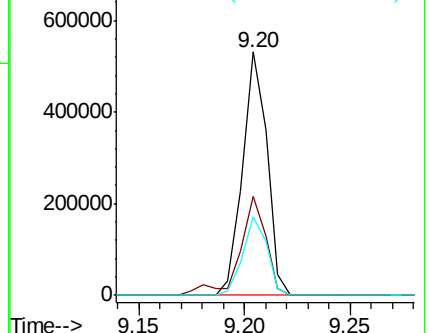
164 32.4 26.5 39.7



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: 41.058 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

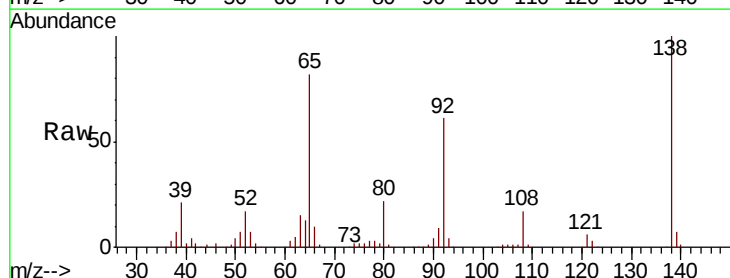
Tgt Ion: 65 Resp: 131211

Ion Ratio Lower Upper

65 100

92 73.6 56.4 84.6

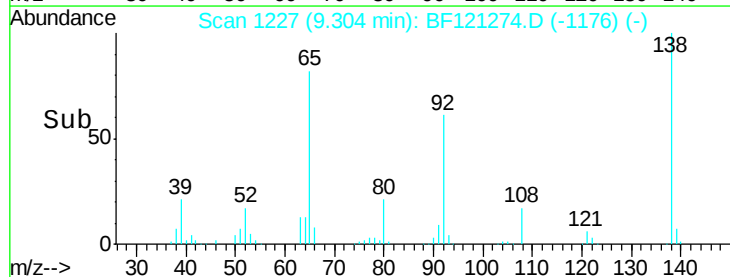
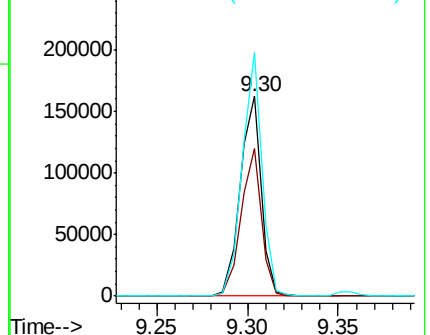
138 121.7 91.9 137.9

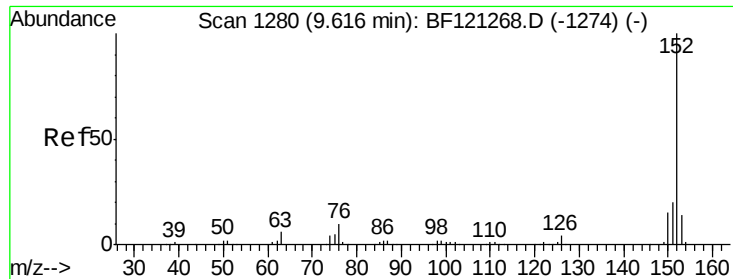


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.689 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

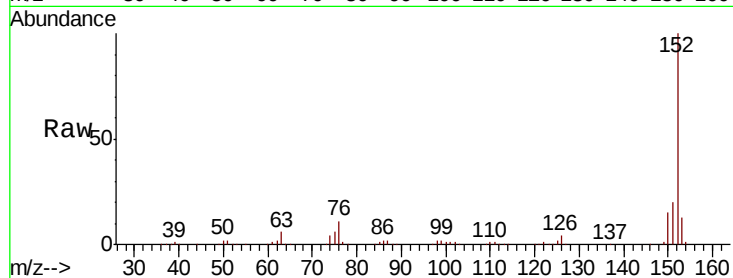
Tot Ion:152 Resp: 680583

Ion Ratio Lower Upper

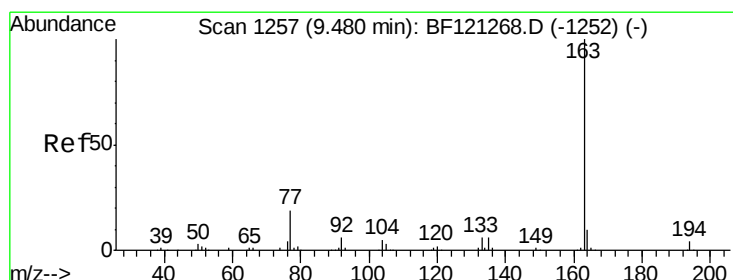
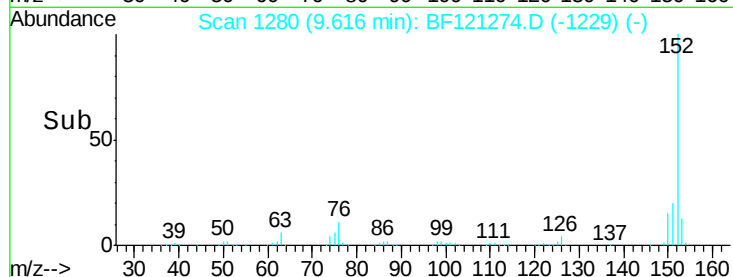
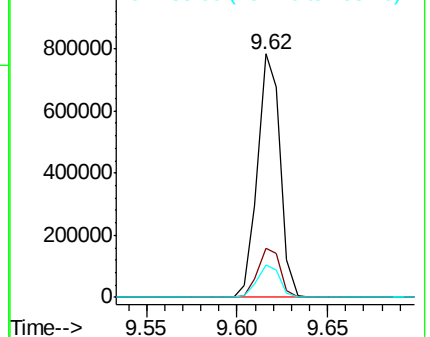
152 100

151 20.4 16.2 24.2

153 13.3 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: 39.318 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

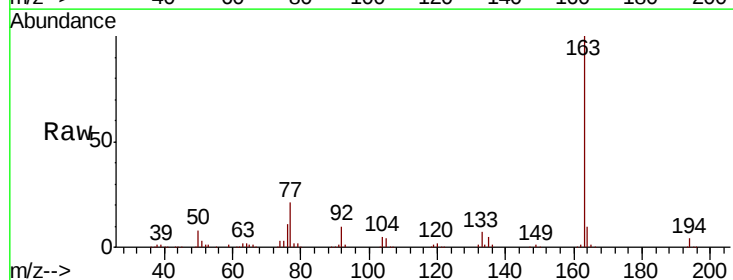
Tgt Ion:163 Resp: 505733

Ion Ratio Lower Upper

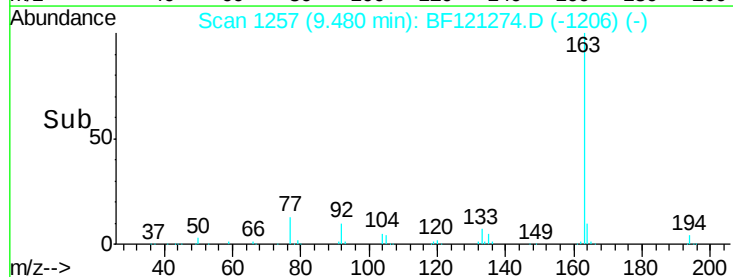
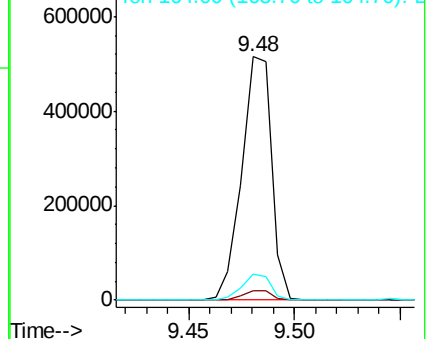
163 100

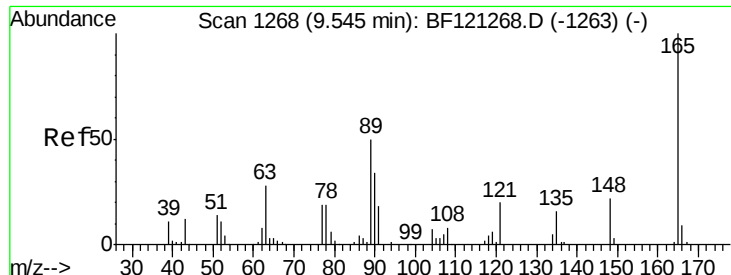
194 3.6 3.0 4.6

164 10.4 8.1 12.1



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

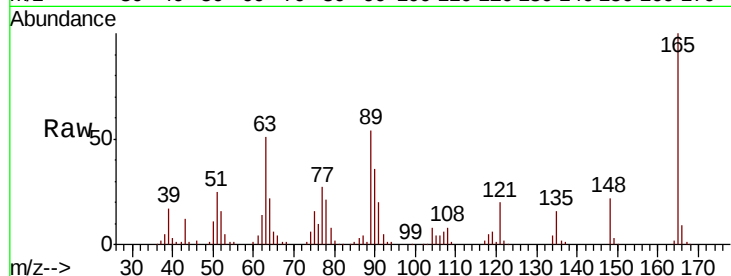




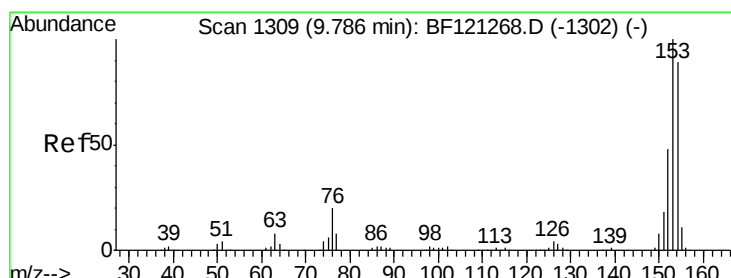
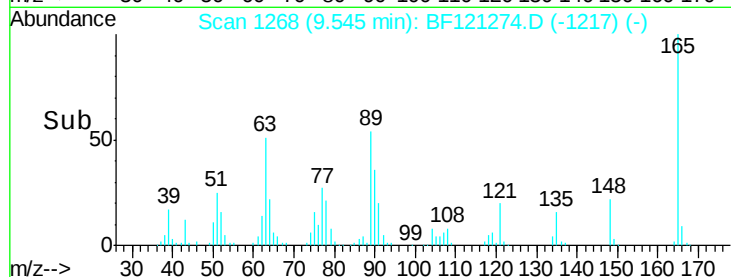
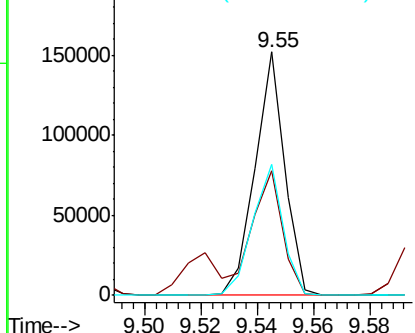
#51
 2,6-Dinitrotoluene
 Concen: 38.739 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion:165 Resp: 111073
 Ion Ratio Lower Upper
 165 100
 63 51.4 42.3 63.5
 89 53.6 45.0 67.4

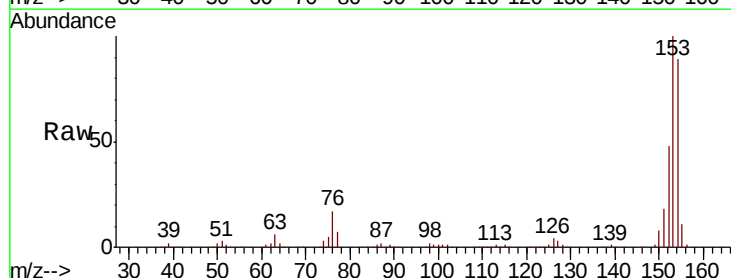


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

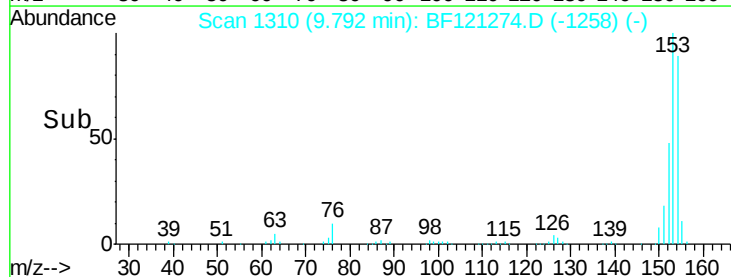
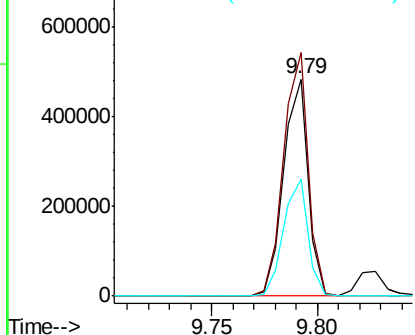


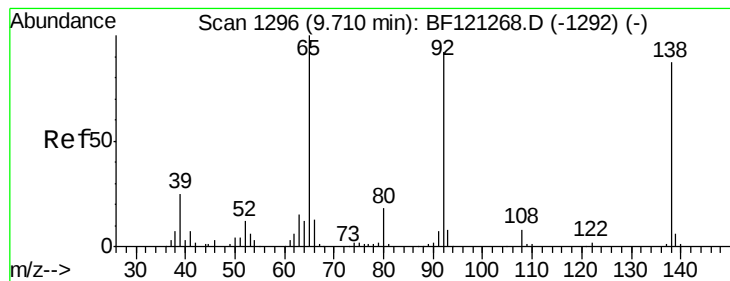
#52
 Acenaphthene
 Concen: 36.752 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:154 Resp: 392933
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.3 133.9
 152 53.7 42.9 64.3



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: 31.185 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

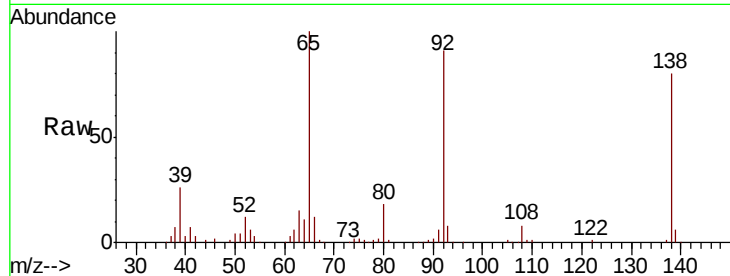
Tot Ion:138 Resp: 102094

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.2

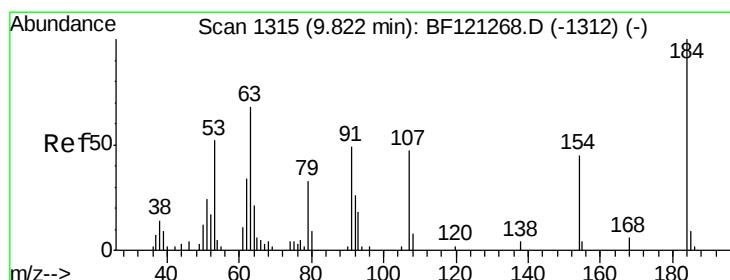
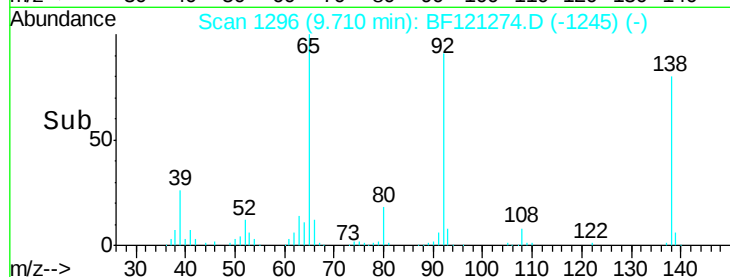
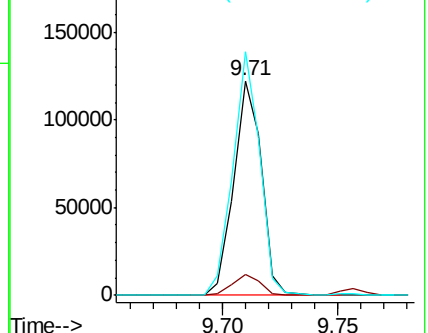
92 113.5 85.1 127.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 64.355 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

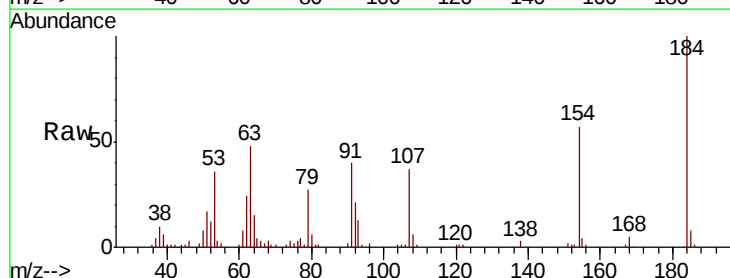
Tgt Ion:184 Resp: 92065

Ion Ratio Lower Upper

184 100

63 48.5 39.4 59.2

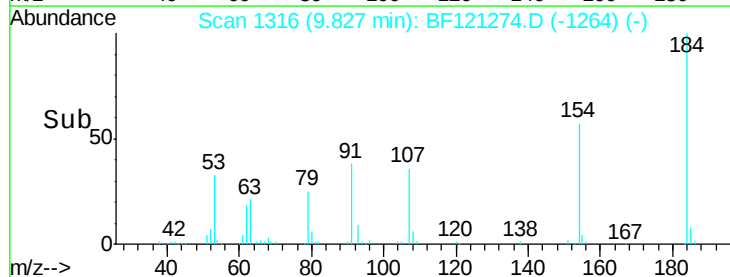
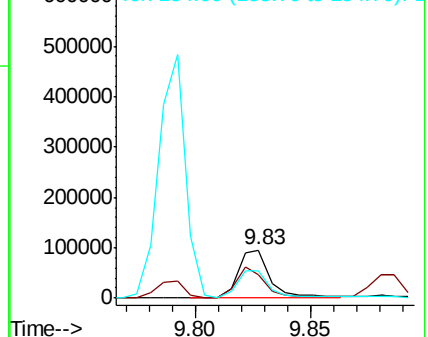
154 57.0 43.4 65.0

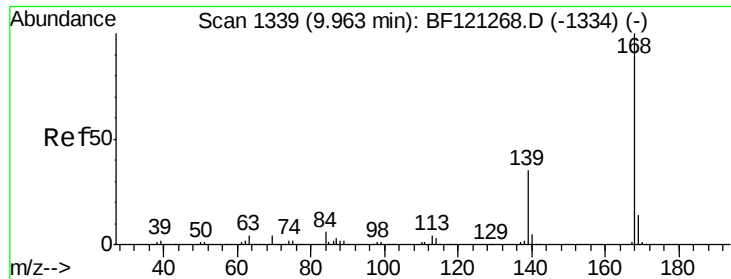


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

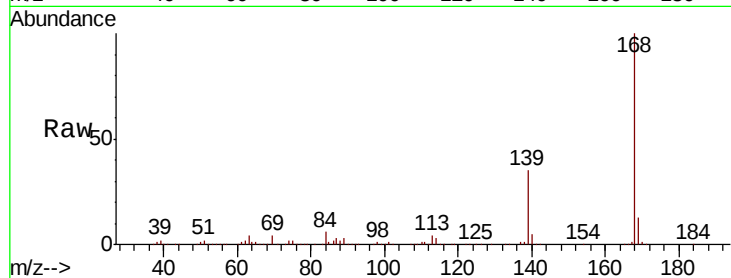




#55
Dibenzofuran
Concen: 36.363 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.0	43.6
169	13.2	11.0	16.4

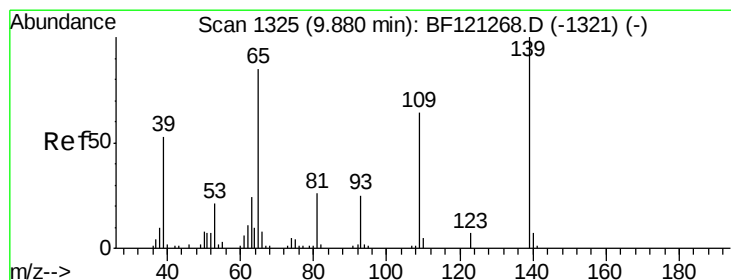
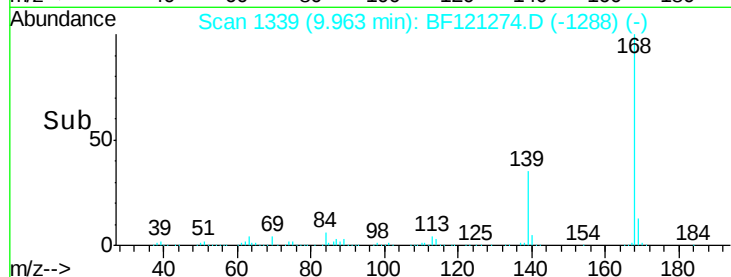
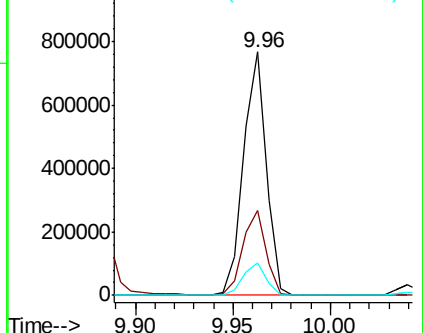


Abundance

Ion 168.00 (167.70 to 168.70): E

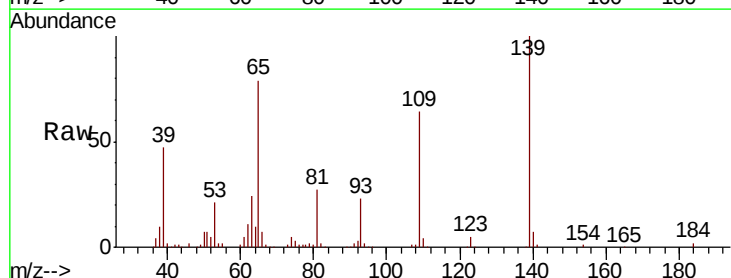
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.503 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	47.2	87.2
65	78.5	70.6	110.6

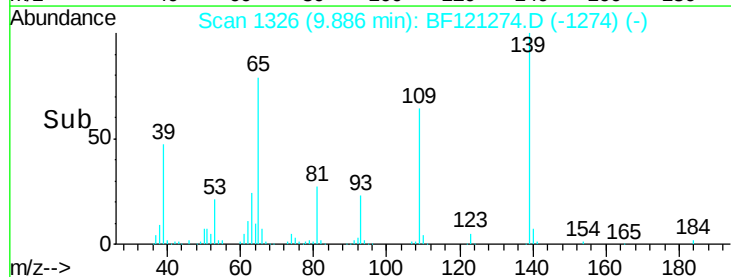
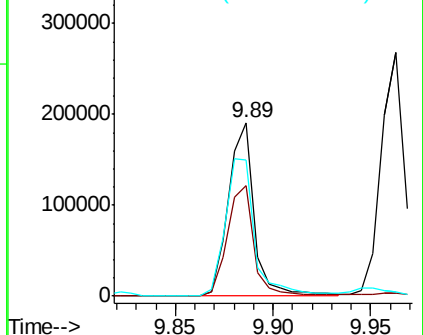


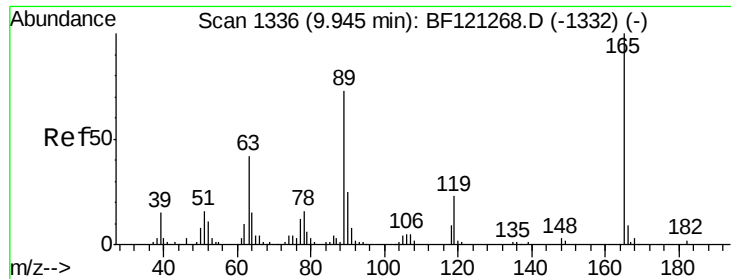
Abundance

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

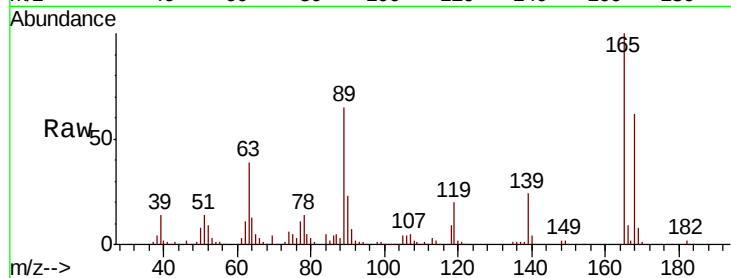




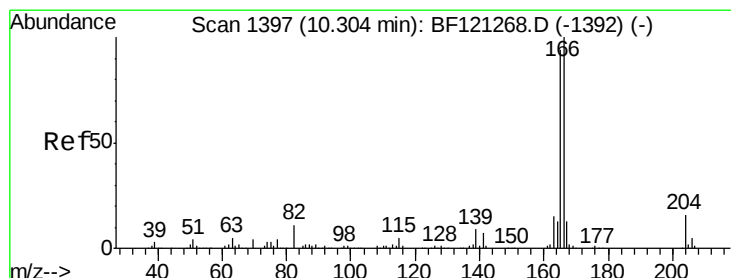
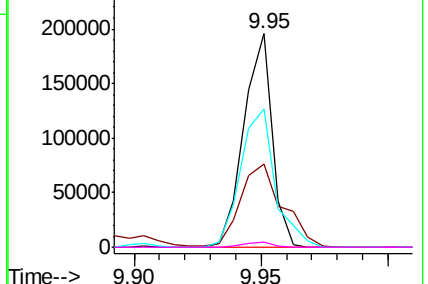
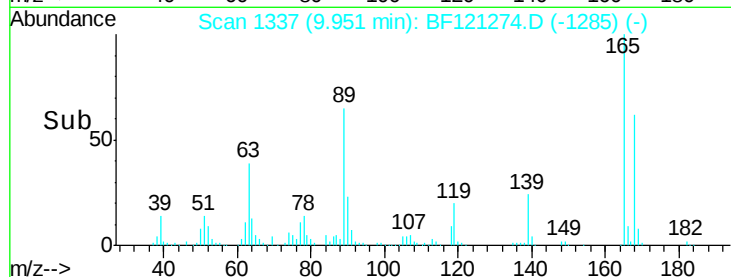
#57
 2,4-Dinitrotoluene
 Concen: 40.466 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion:	165	Resp:	152266
Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.9	47.9
89	65.0	53.6	80.4
182	2.4	1.8	2.6

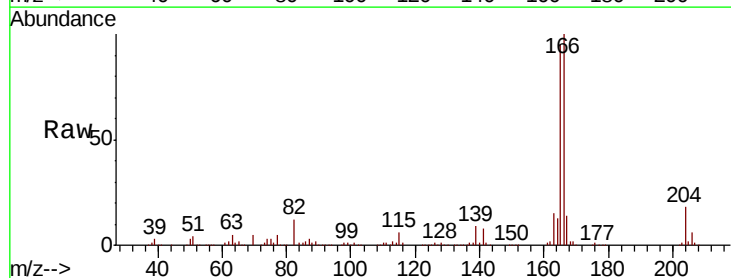


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

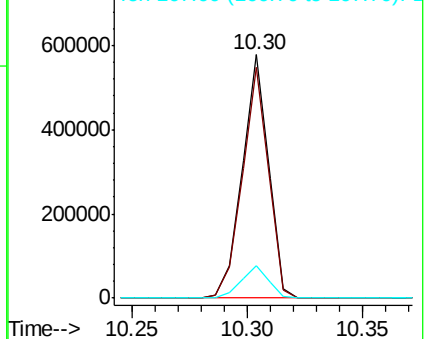
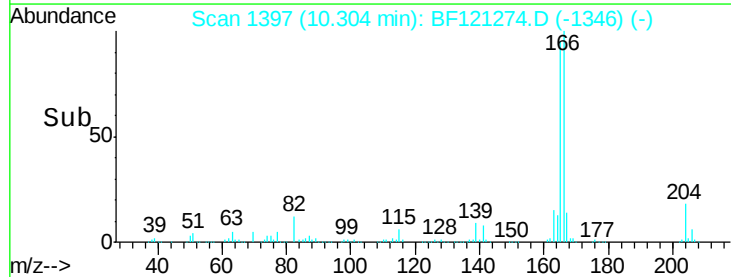


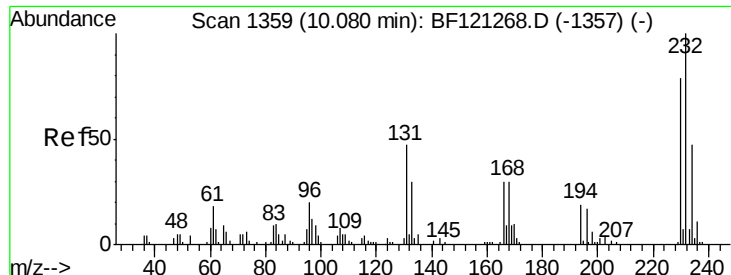
#58
 Fluorene
 Concen: 35.568 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	166	Resp:	458409
Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.0	112.6
167	13.6	10.6	16.0



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

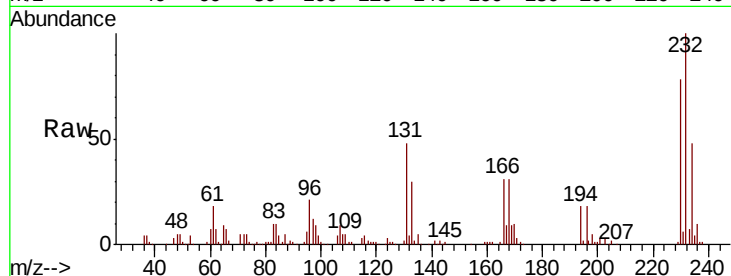




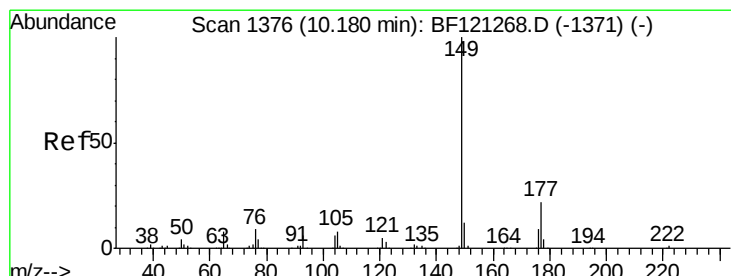
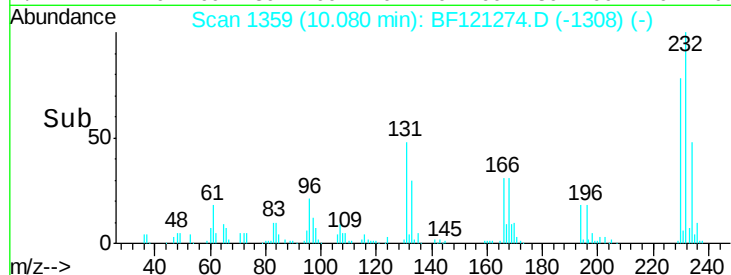
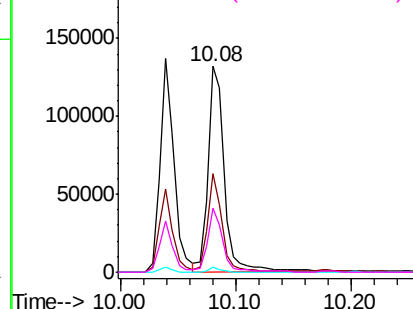
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.304 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion:	232	Resp:	129206
Ion	Ratio	Lower	Upper
232	100		
131	42.6	36.6	55.0
130	1.9	1.6	2.4
166	28.8	23.5	35.3

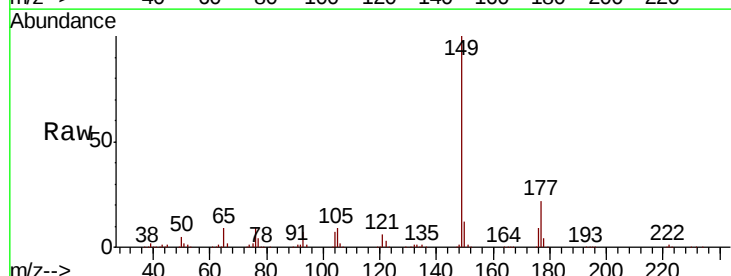


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

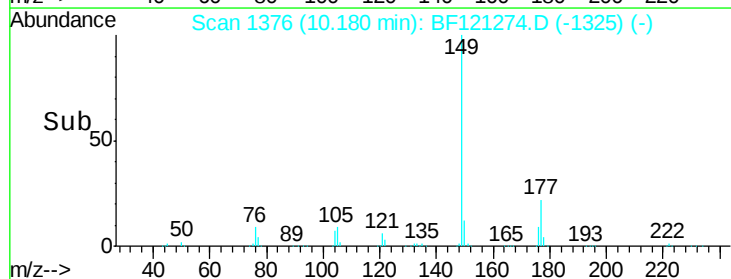
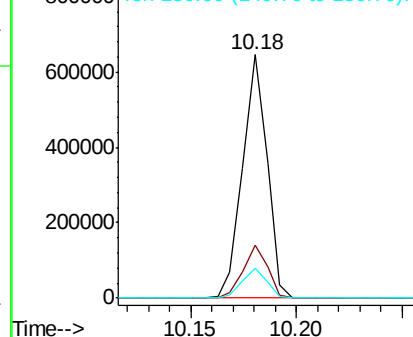


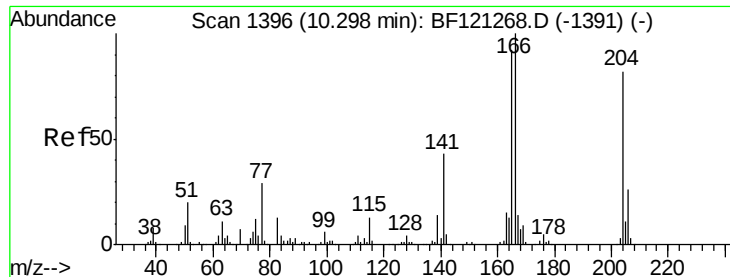
#60
 Diethylphthalate
 Concen: 39.427 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	149	Resp:	515698
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.4	10.1	15.1



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

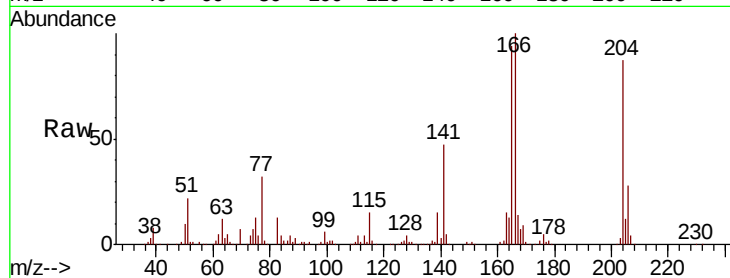




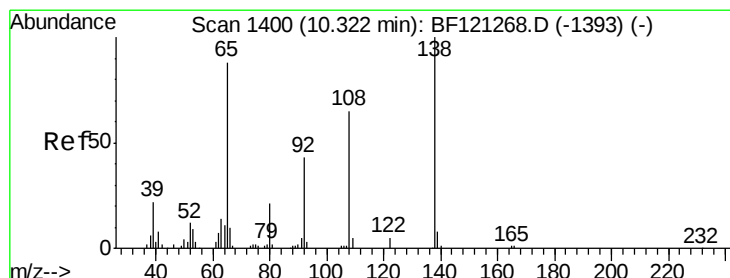
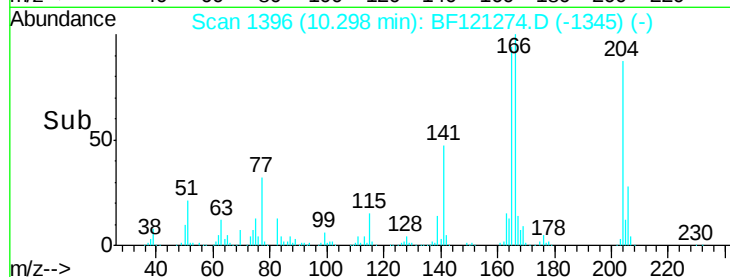
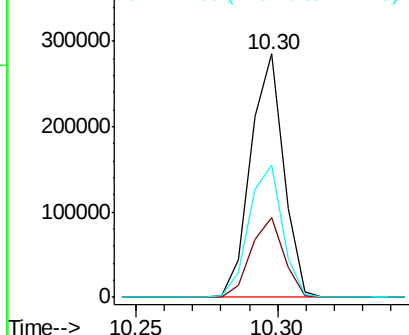
#61
 4-Chlorophenyl-phenylether
 Concen: 36.745 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	54.3	44.2	66.4

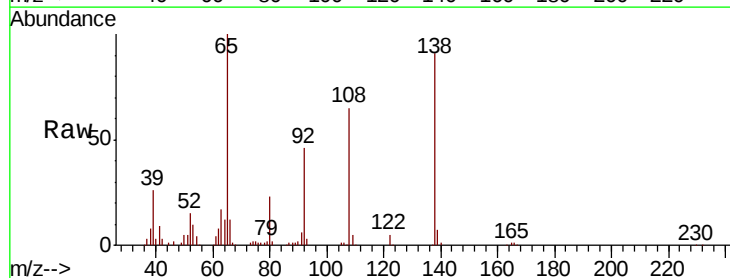


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

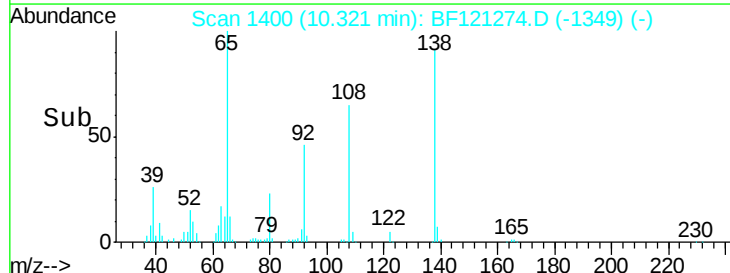
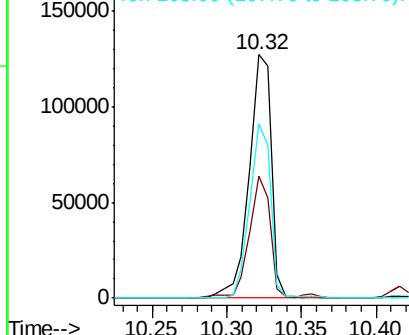


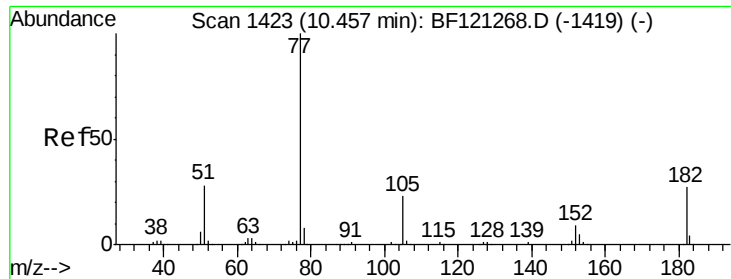
#62
 4-Nitroaniline
 Concen: 39.683 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.9	66.9
108	71.6	48.1	88.1



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

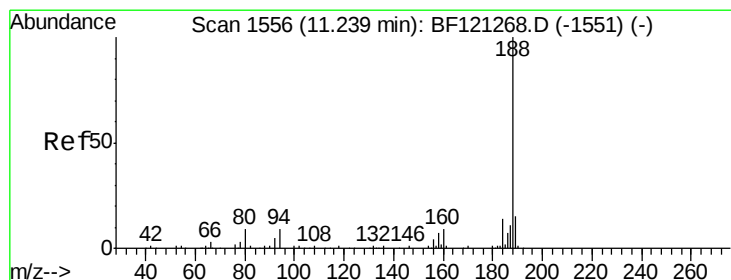
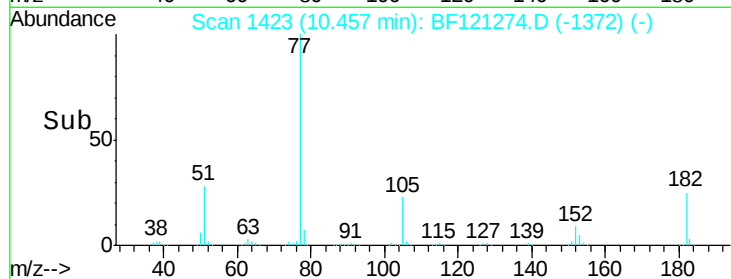
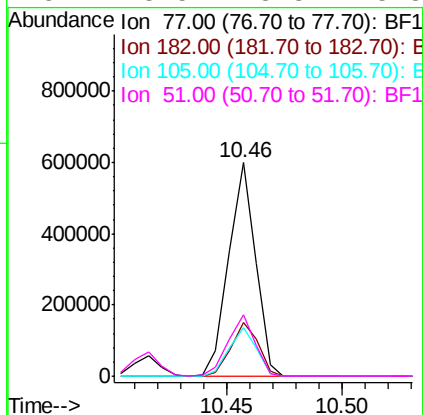
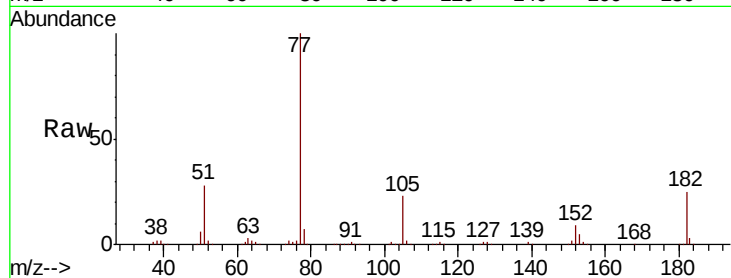




#63
Azobenzene
Concen: 37.271 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

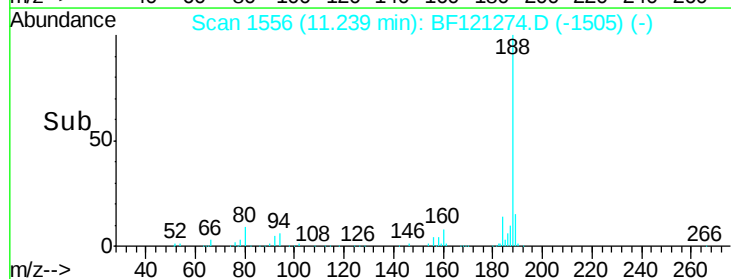
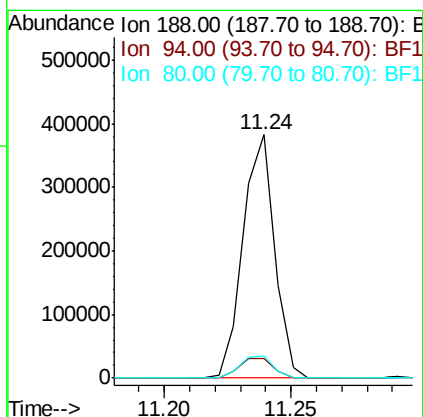
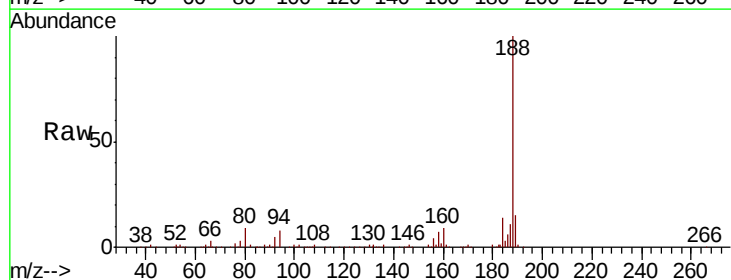
Instrument :
BNA_F
ClientSampleId :
PB130942BS

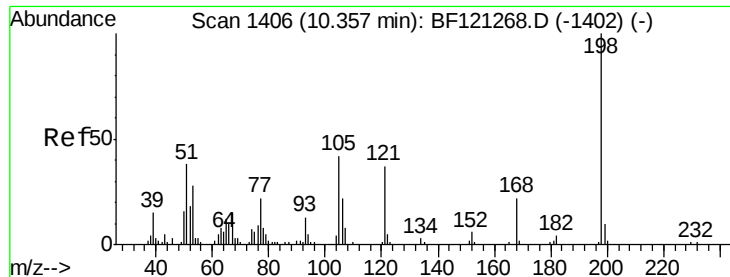
Tot Ion:	77	Resp:	487104
Ion	Ratio	Lower	Upper
77	100		
182	25.1	3.8	43.8
105	23.0	2.9	42.9
51	28.5	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion:	188	Resp:	331796
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	9.1	7.4	11.0

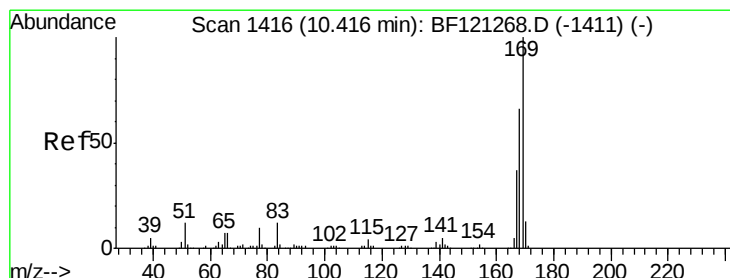
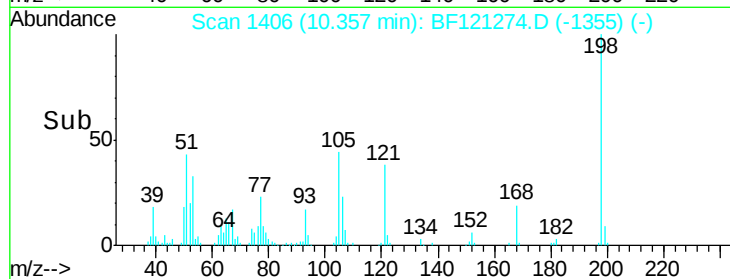
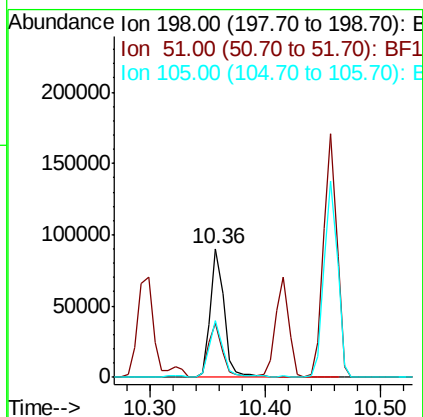
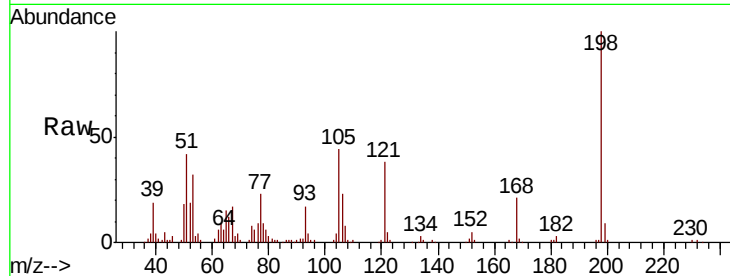




#65
4,6-Dinitro-2-methylphenol
Concen: 38.422 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

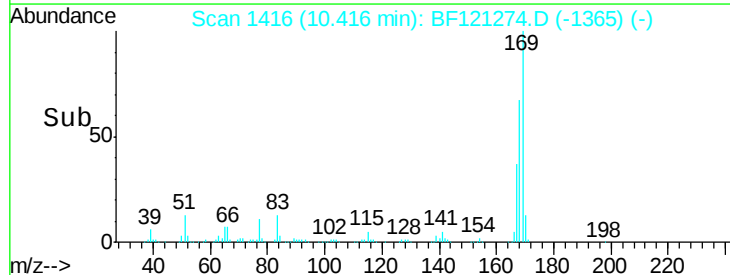
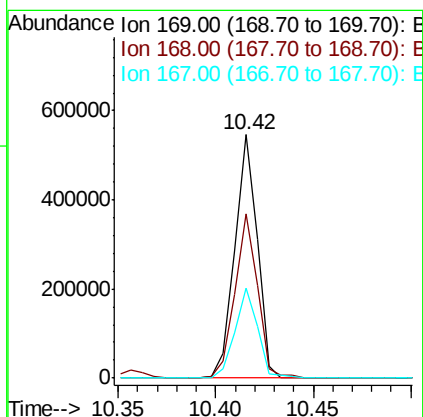
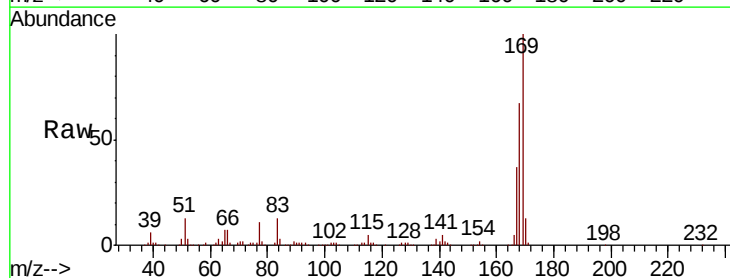
Instrument :
BNA_F
ClientSampleId :
PB130942BS

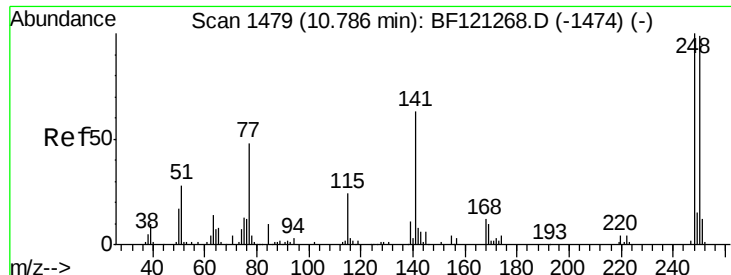
Tot Ion:198 Resp: 76203
Ion Ratio Lower Upper
198 100
51 42.4 29.1 69.1
105 43.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 38.302 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion:169 Resp: 435760
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 37.2 29.2 43.8

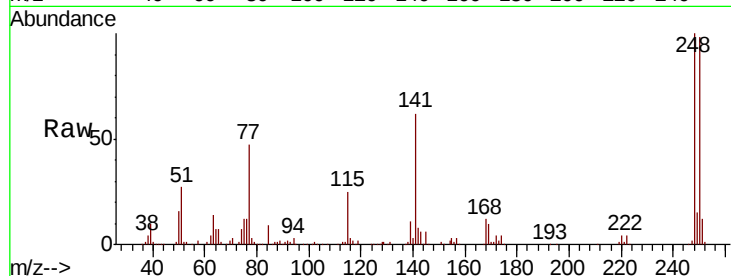




#67
 4-Bromophenyl-phenylether
 Concen: 38.885 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.7	116.5
141	62.3	53.4	80.2

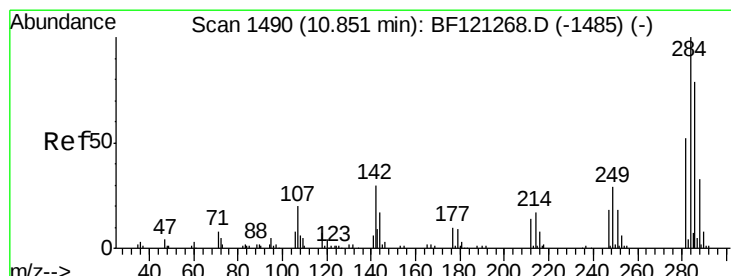
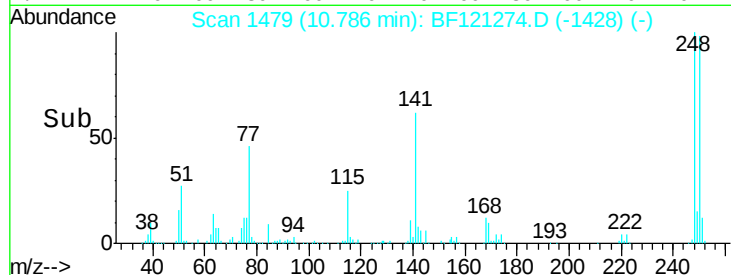
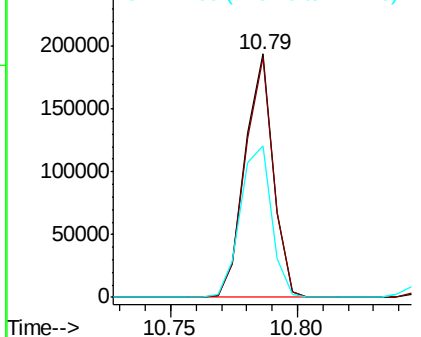


Abundance

Ion 248.00 (247.70 to 248.70): E

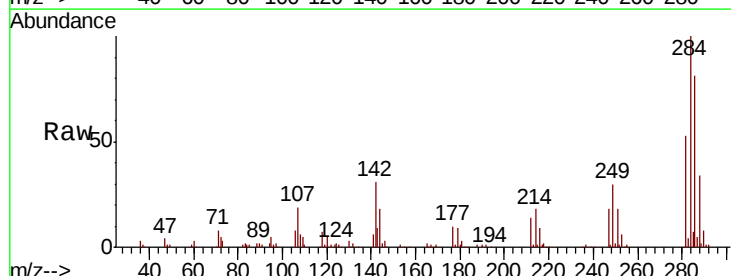
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.536 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.5	39.7
249	29.7	23.8	35.6

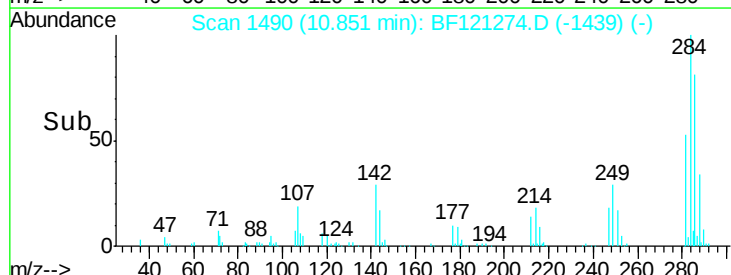
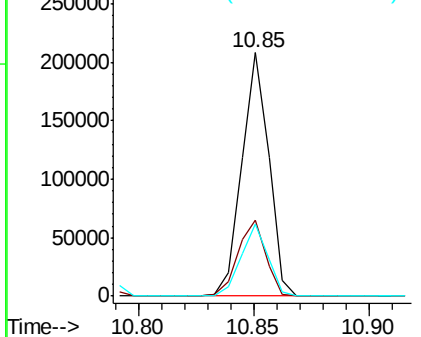


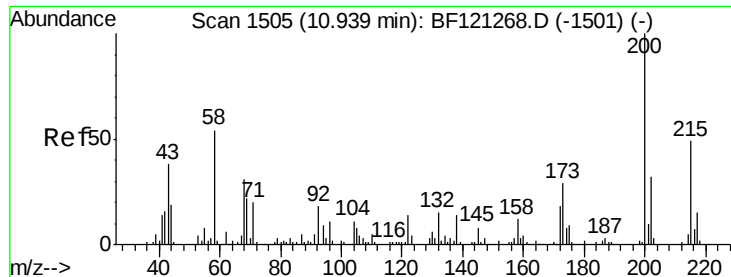
Abundance

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: 36.612 ng

RT: 10.94 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

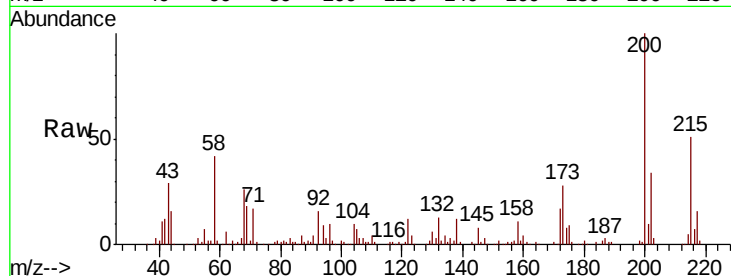
Tot Ion:200 Resp: 124590

Ion Ratio Lower Upper

200 100

173 28.1 7.7 47.7

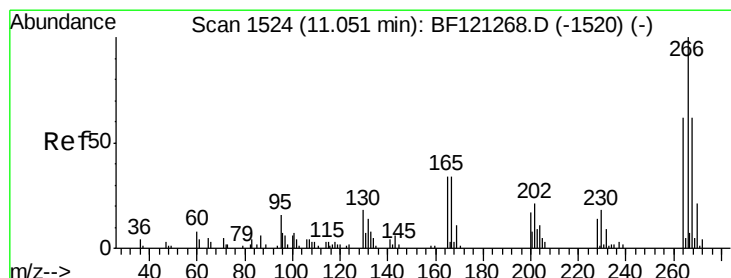
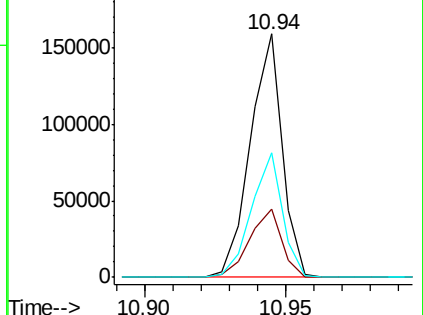
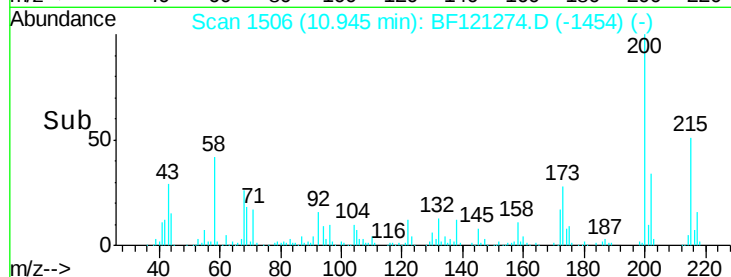
215 50.9 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.687 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

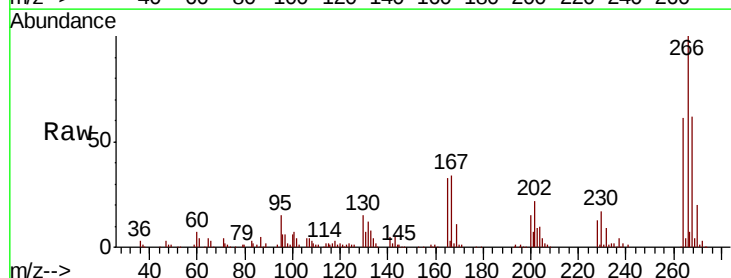
Tgt Ion:266 Resp: 167206

Ion Ratio Lower Upper

266 100

268 61.9 51.0 76.4

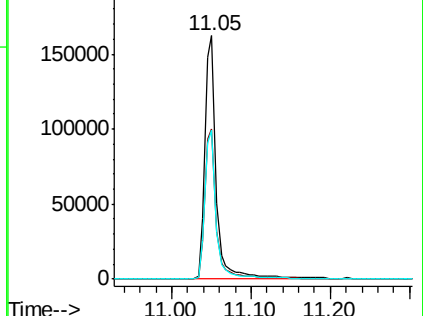
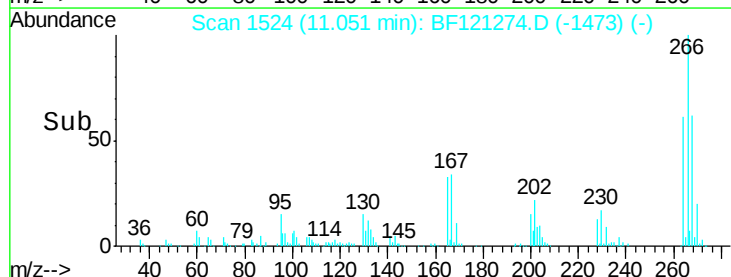
264 61.4 50.6 76.0

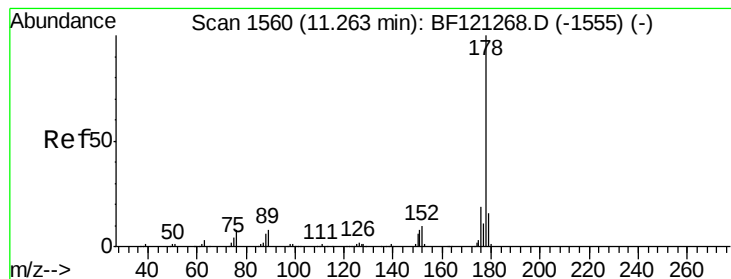


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.596 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

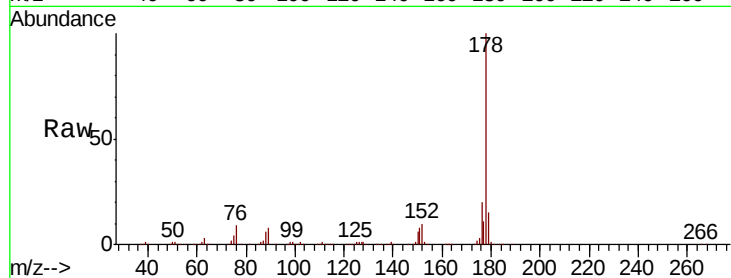
Tot Ion:178 Resp: 713640

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

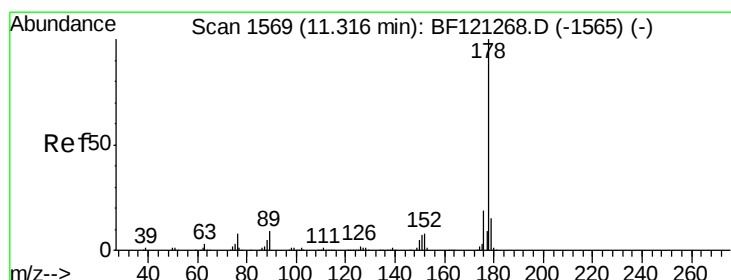
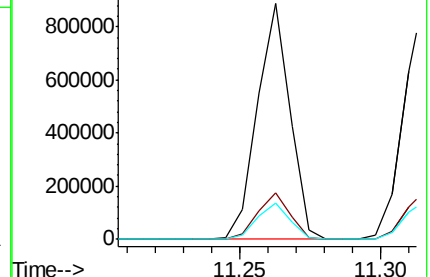
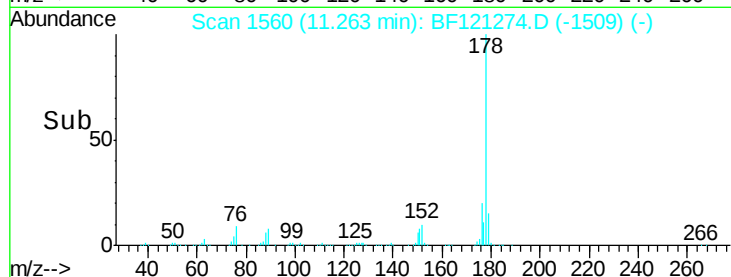
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.040 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

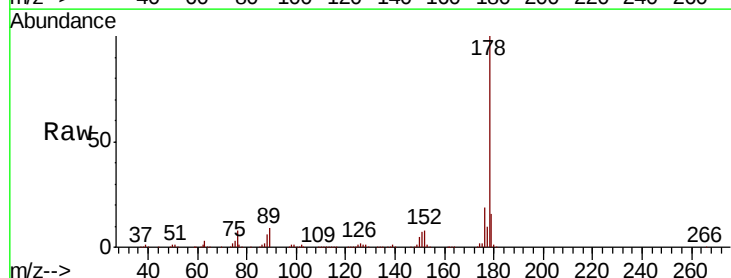
Tgt Ion:178 Resp: 743642

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

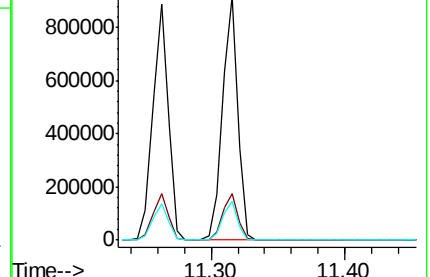
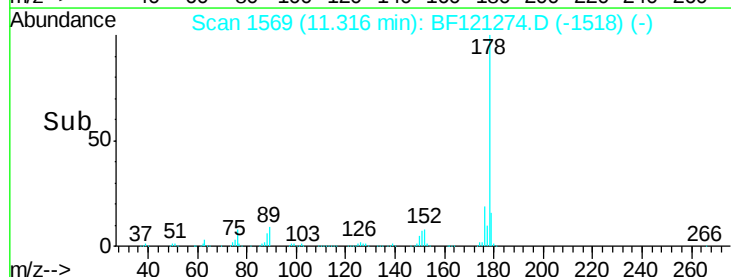
179 15.8 12.4 18.6

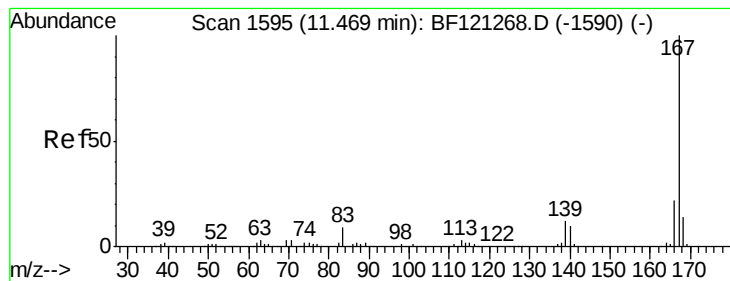


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.403 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

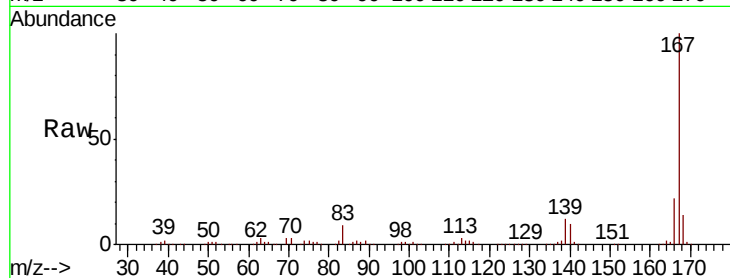
Tot Ion:167 Resp: 696783

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

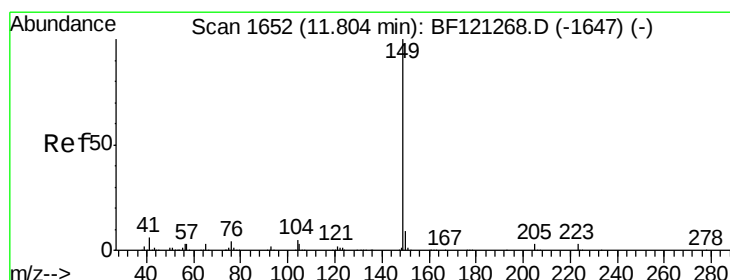
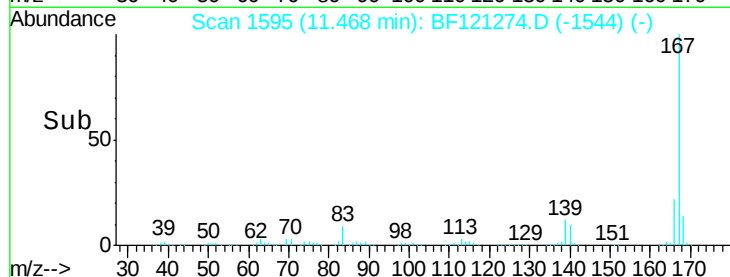
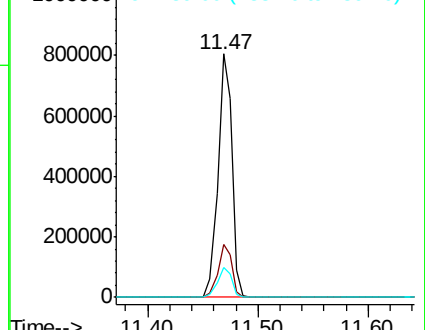
139 12.4 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.078 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

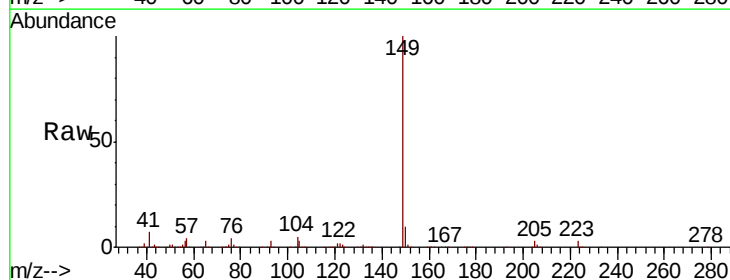
Tgt Ion:149 Resp: 842736

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

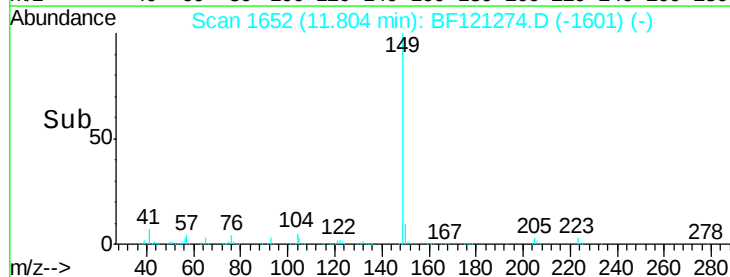
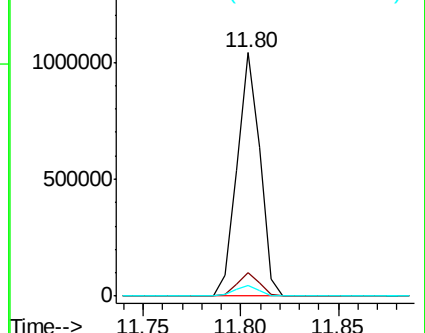
104 4.5 3.7 5.5

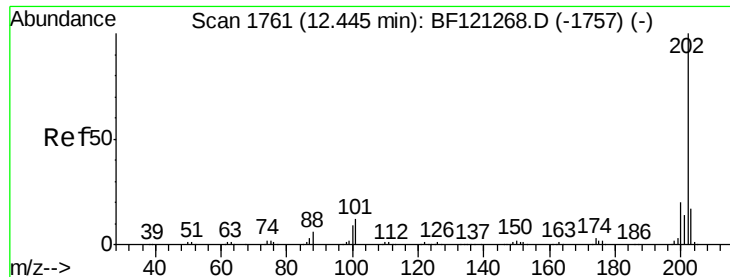


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

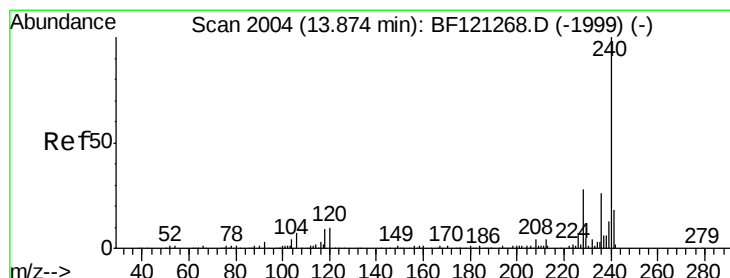
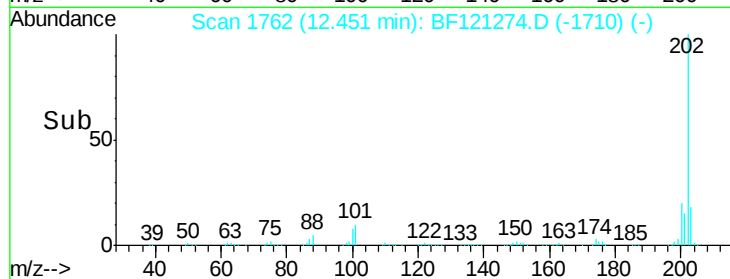
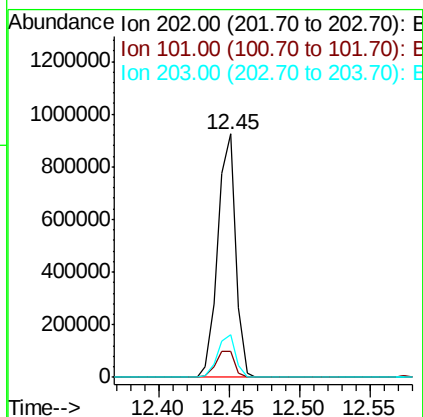
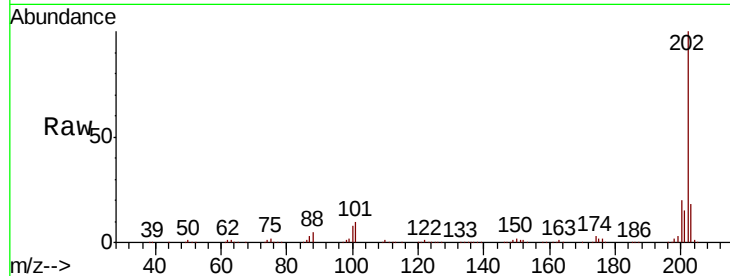




#75
Fluoranthene
Concen: 38.606 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

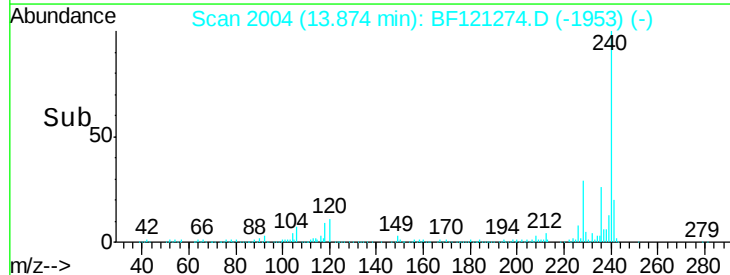
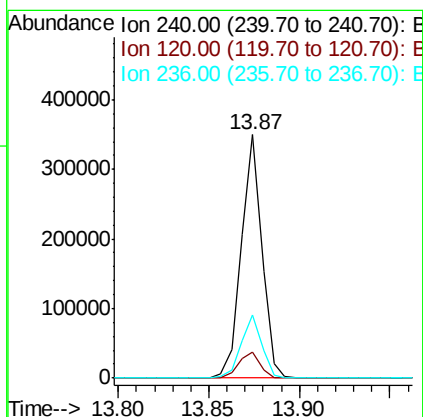
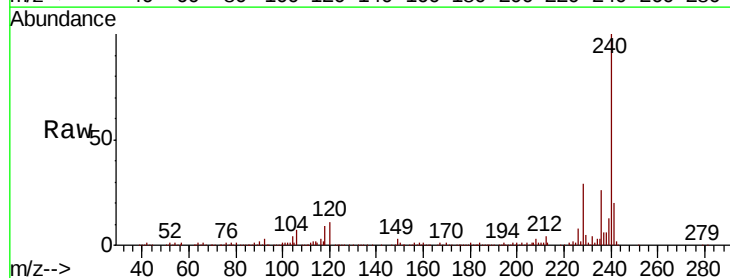
Instrument :
BNA_F
ClientSampleId :
PB130942BS

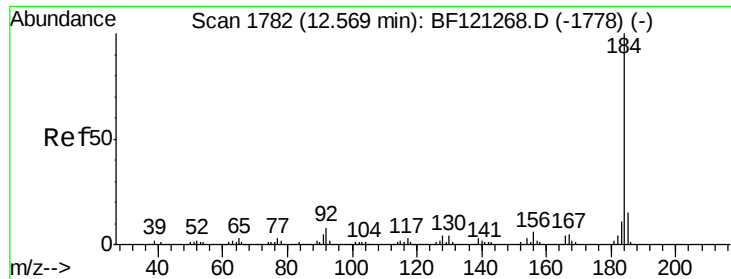
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.6
203	17.8	0.0	38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.2	13.8
236	25.7	21.0	31.4

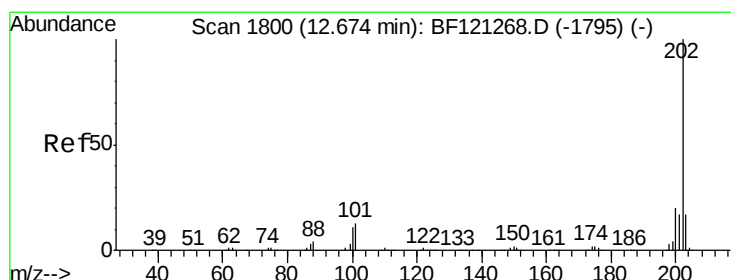
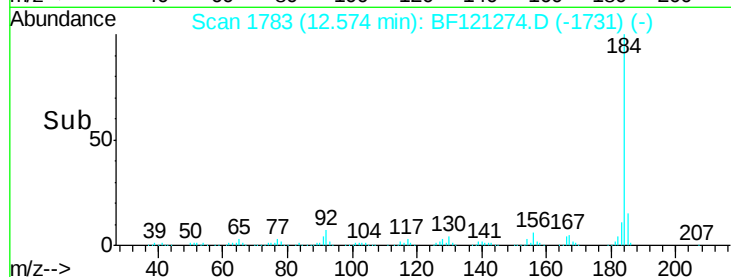
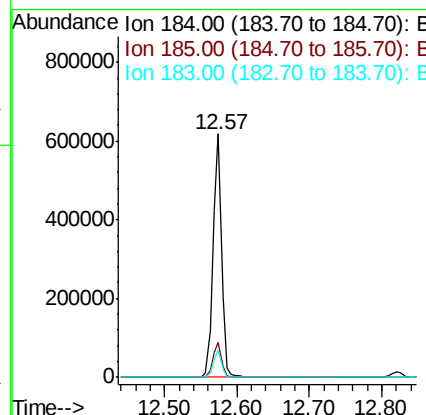
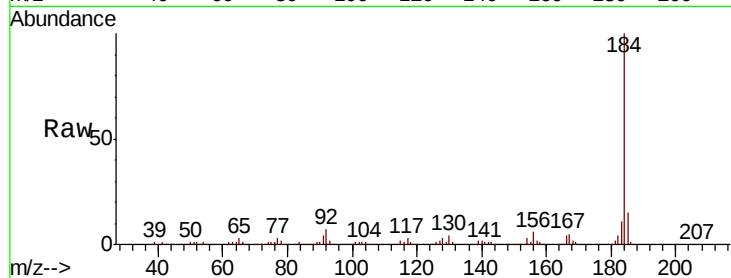




#77
Benzidine
Concen: 69.411 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

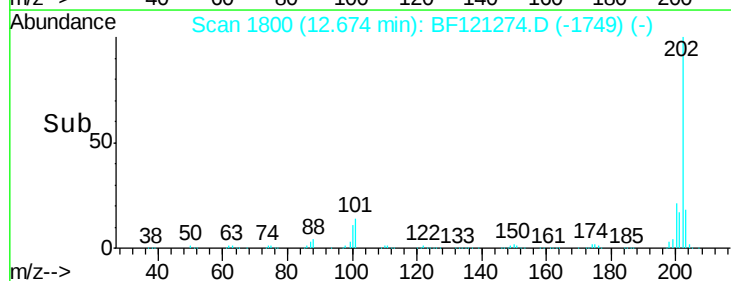
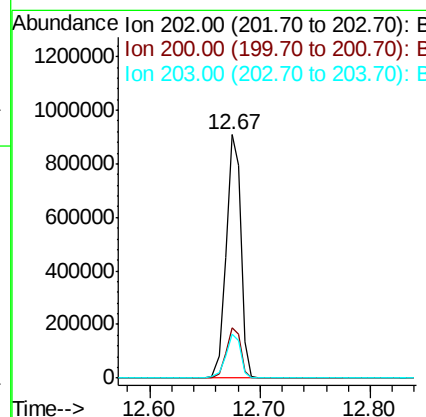
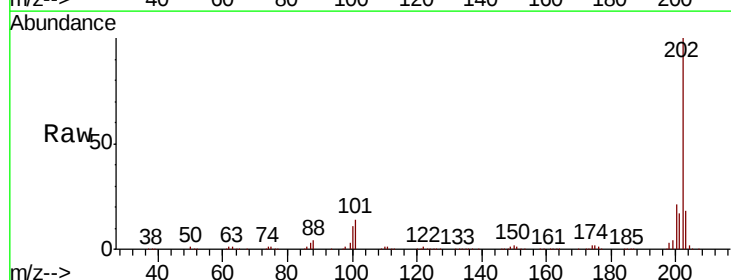
Instrument :
BNA_F
ClientSampleId :
PB130942BS

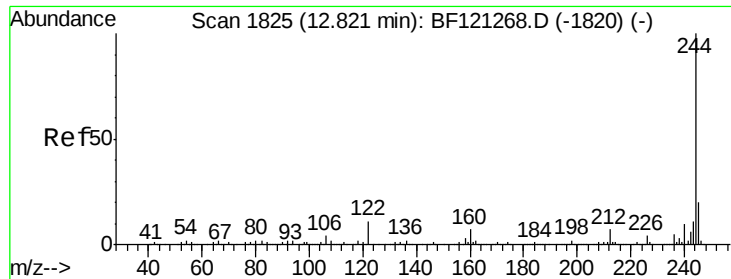
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	11.0	8.3	12.5



#78
Pyrene
Concen: 41.069 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.3	13.8	20.8





#79

Terphenyl-d14

Concen: 66.114 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

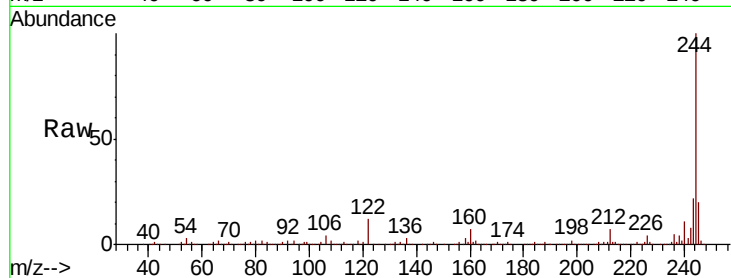
Tot Ion:244 Resp: 937223

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

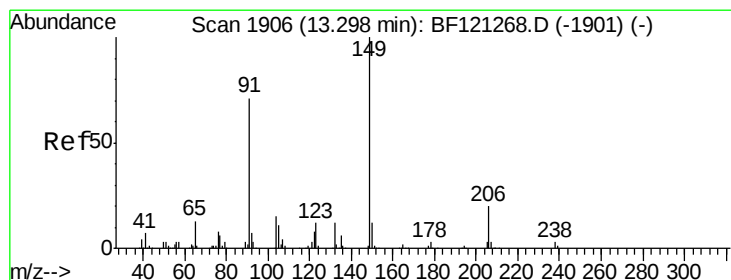
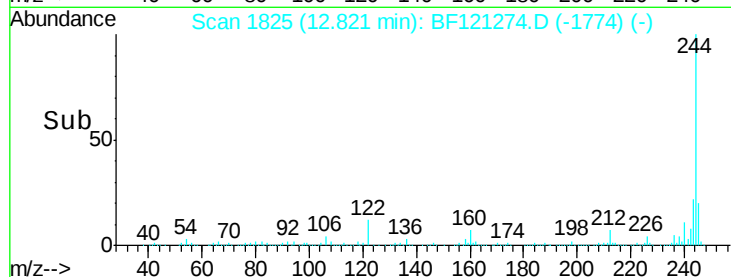
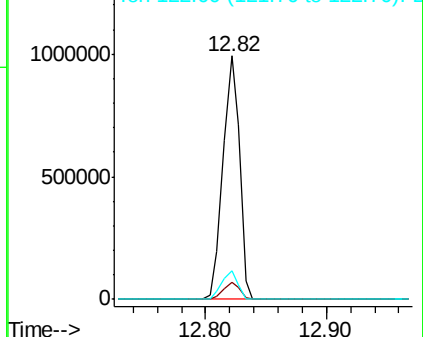
122 11.6 9.1 13.7



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: 43.755 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

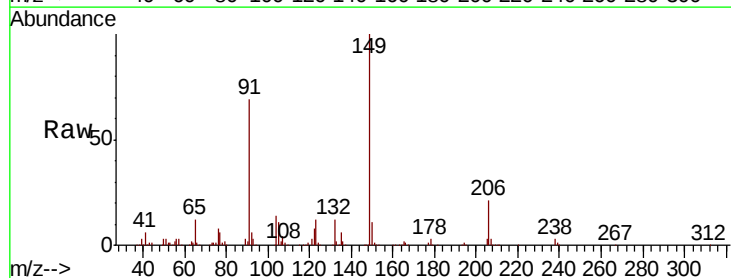
Tgt Ion:149 Resp: 367790

Ion Ratio Lower Upper

149 100

91 68.6 55.4 83.2

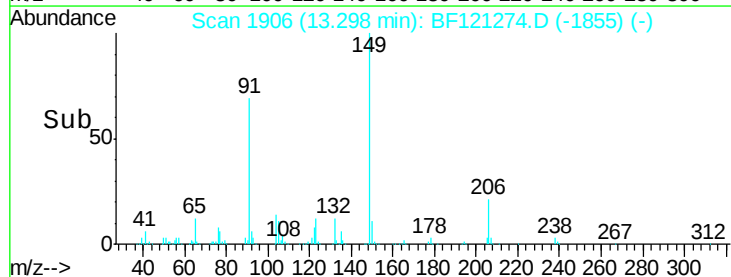
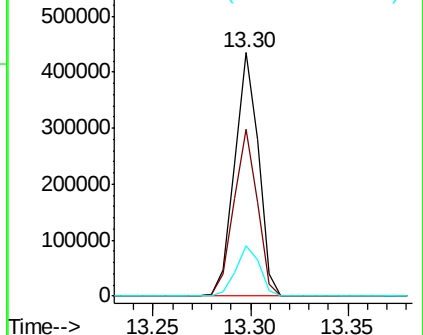
206 20.5 16.0 24.0

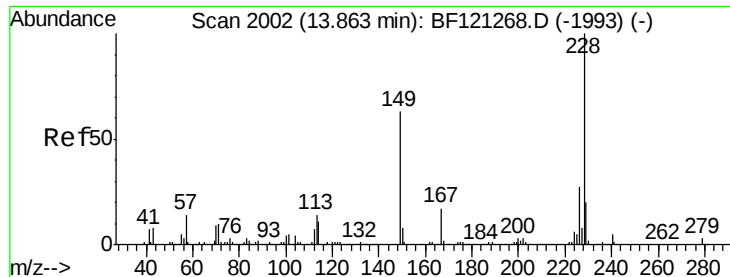


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.683 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PB130942BS

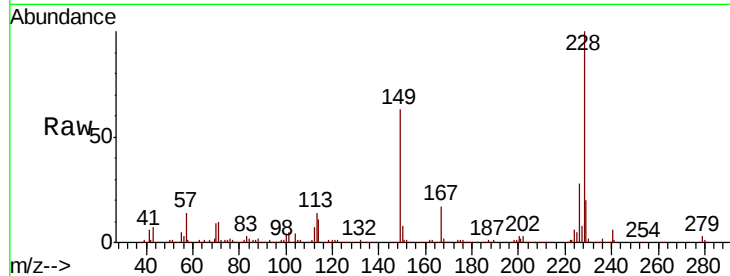
Tot Ion:228 Resp: 706271

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

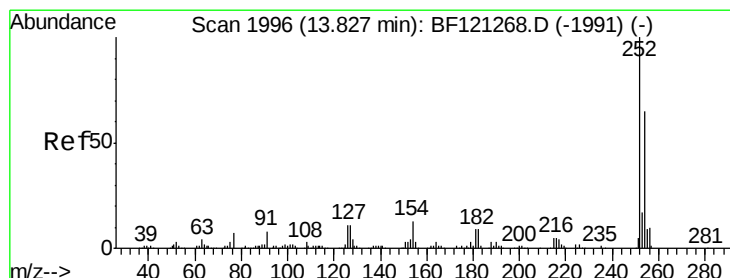
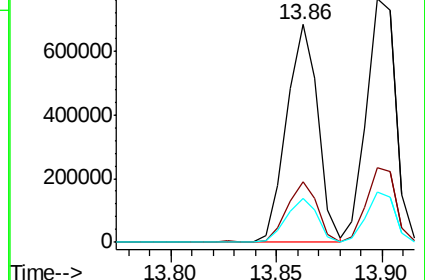
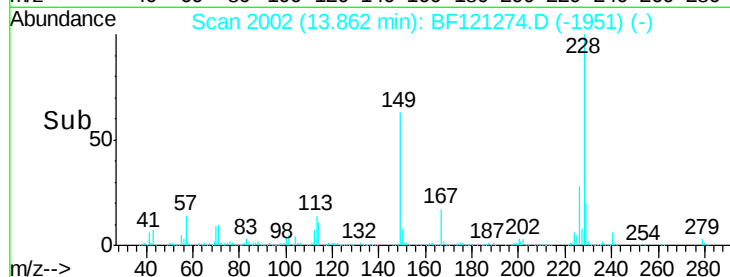
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.163 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

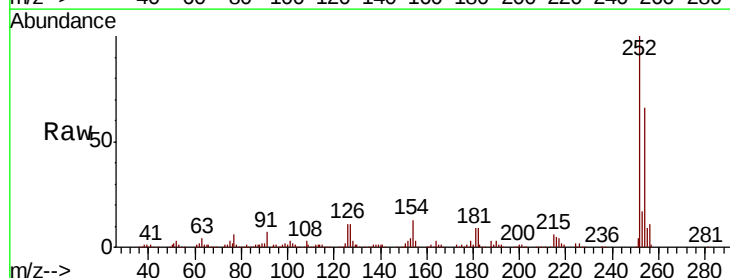
Tgt Ion:252 Resp: 216858

Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

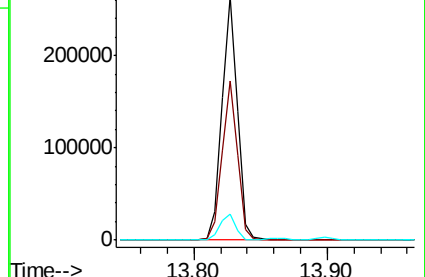
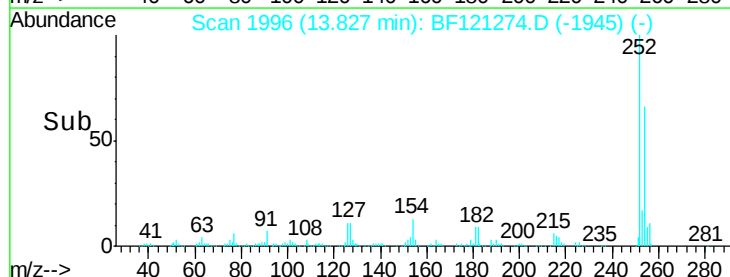
126 10.9 9.7 14.5

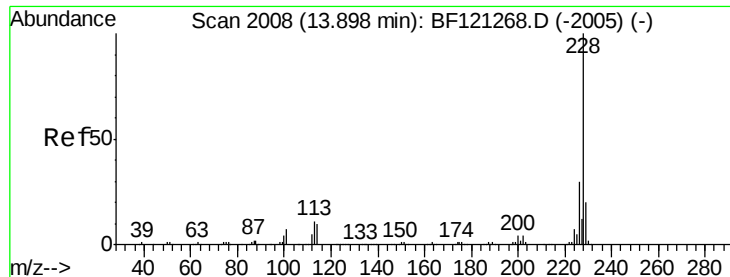


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

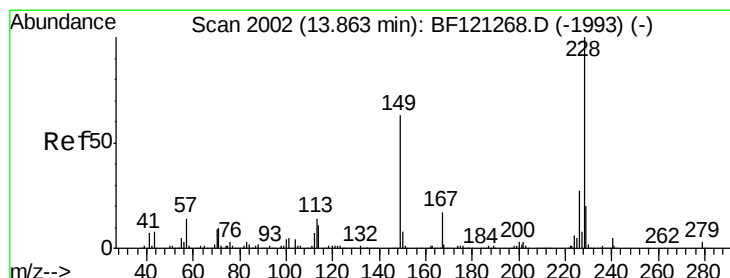
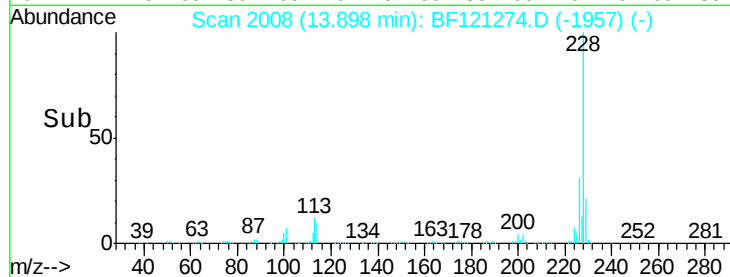
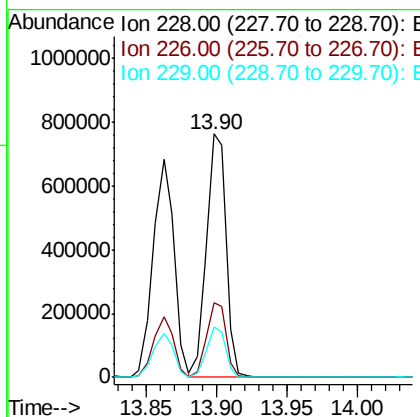
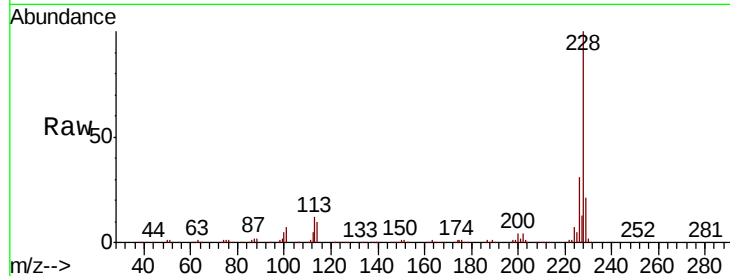




#83
 Chrysene
 Concen: 38.441 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

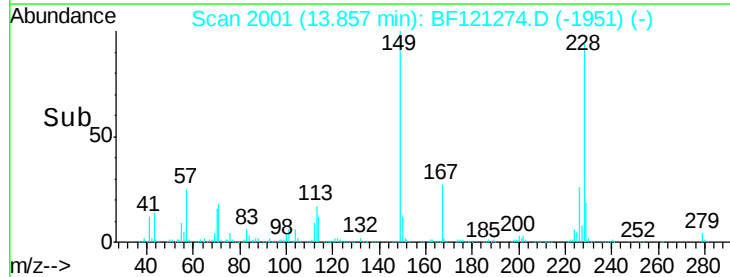
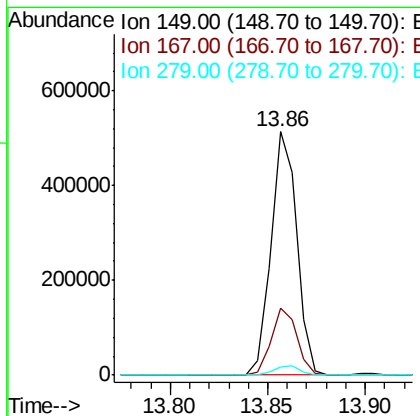
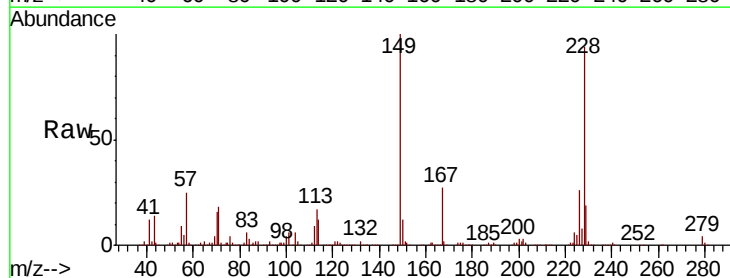
Instrument :
 BNA_F
 ClientSampleID :
 PB130942BS

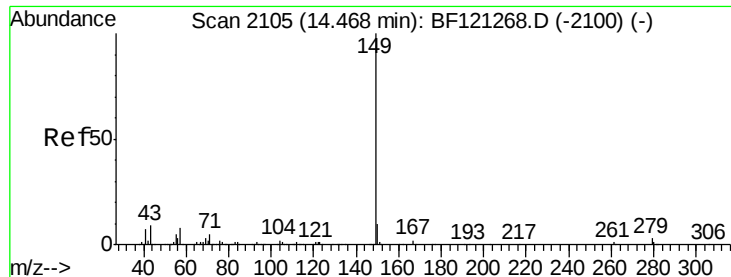
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	20.6	16.2	24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.435 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.6	3.4	5.0

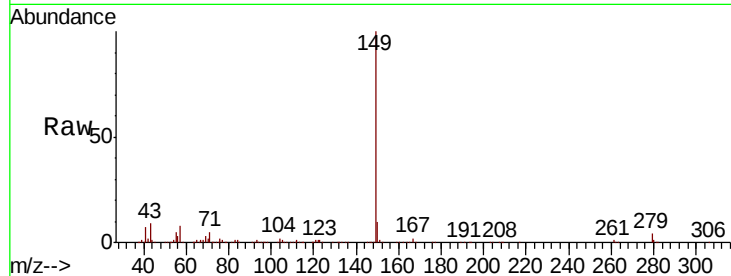




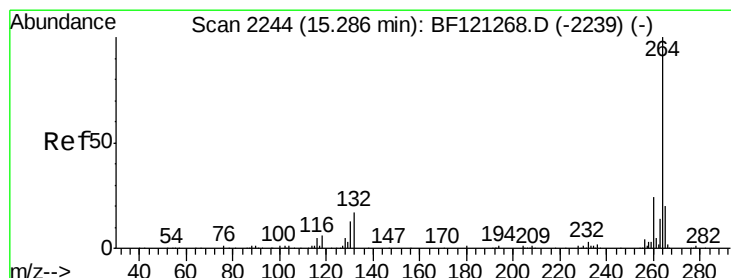
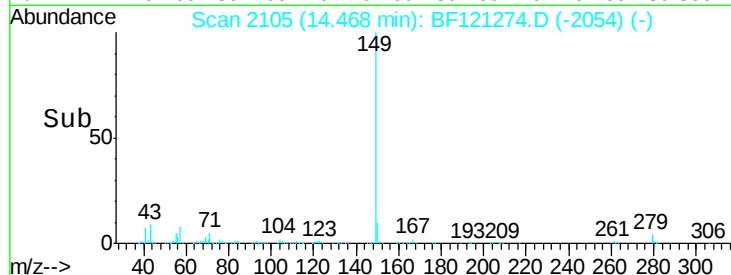
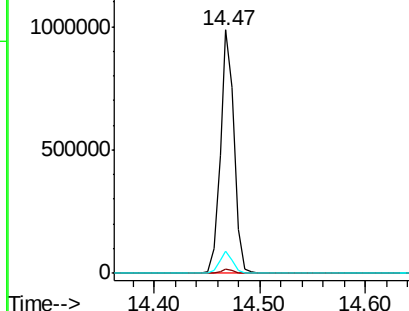
#85
Di-n-octyl phthalate
Concen: 42.198 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.4	11.0

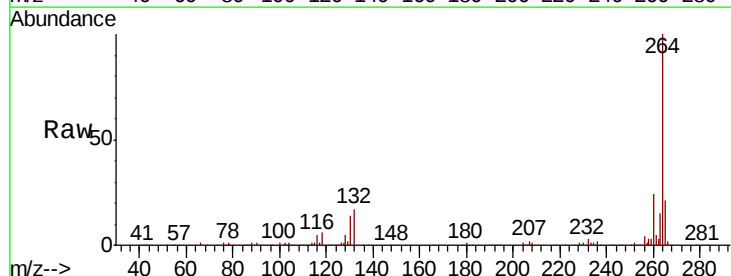


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

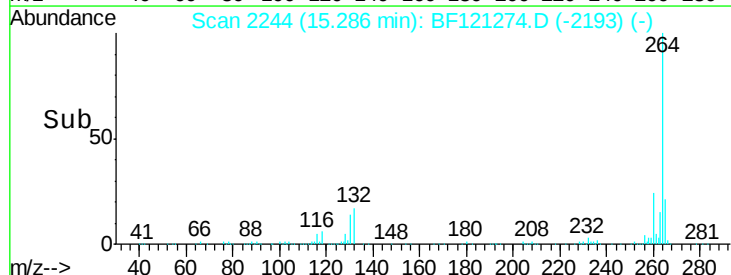
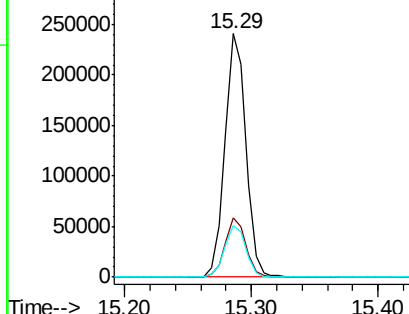


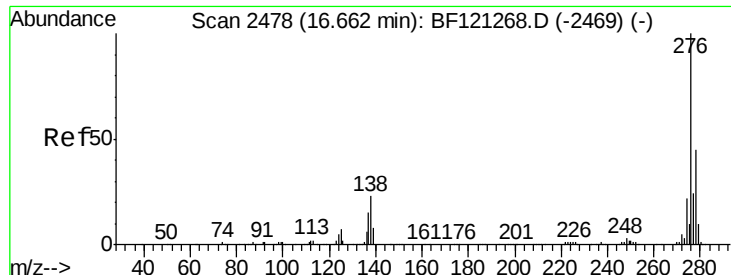
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.2	17.1	25.7



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

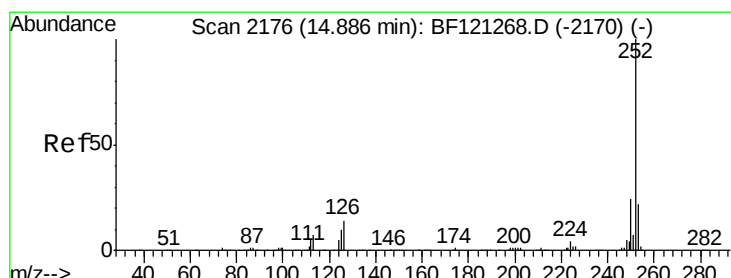
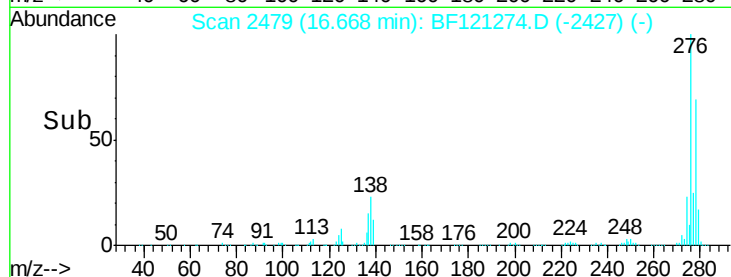
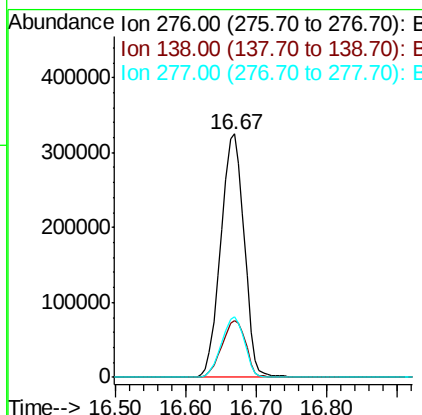
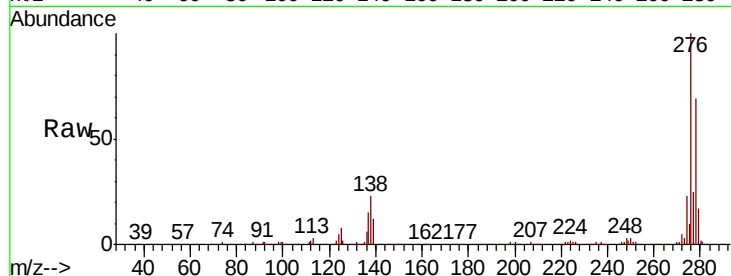




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.574 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

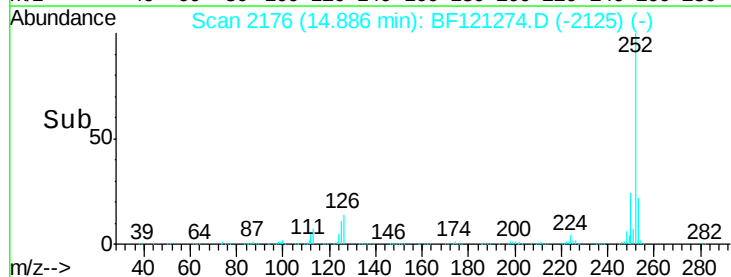
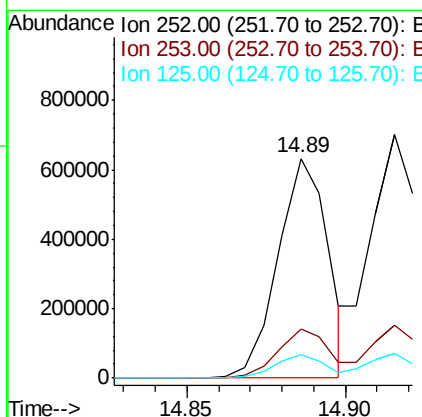
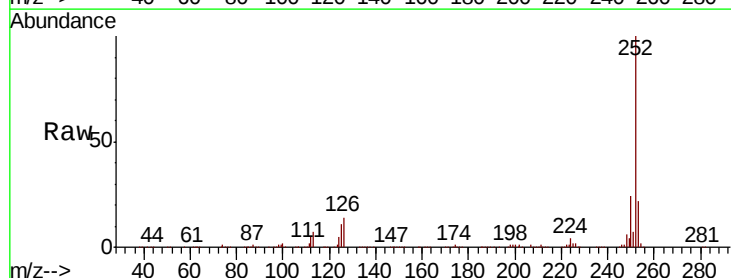
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

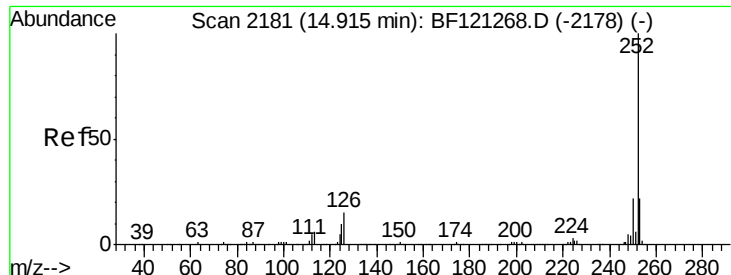
Tot Ion:276	Resp:	746986
Ion Ratio	Lower	Upper
276	100	
138	23.9	19.6 29.4
277	24.8	20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 37.803 ng
 RT: 14.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:252	Resp:	695822
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.9 26.9
125	10.7	7.6 11.4

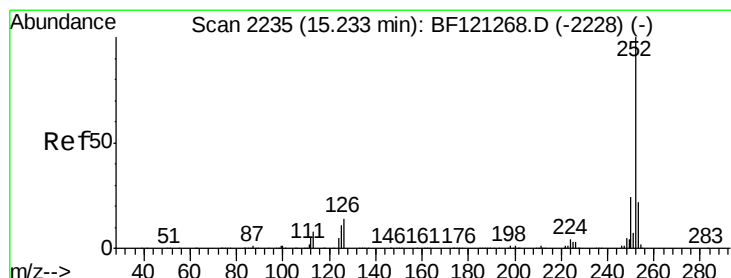
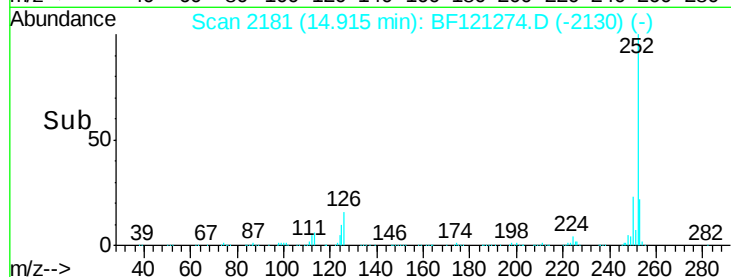
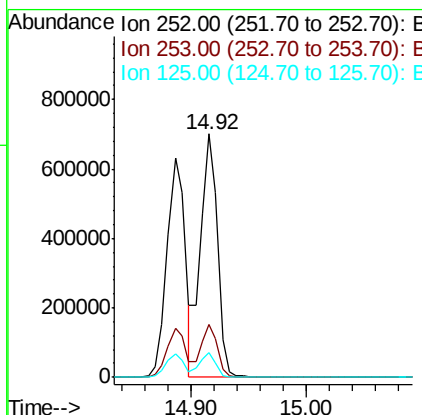
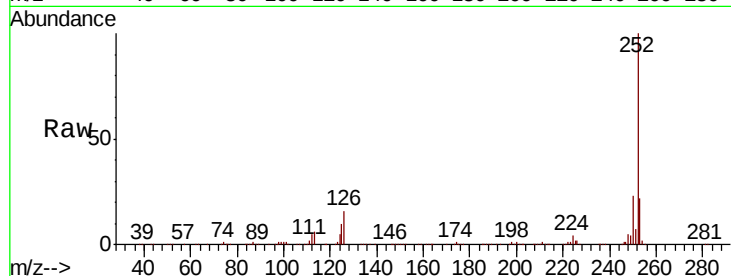




#89
Benzo(k)fluoranthene
Concen: 42.490 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

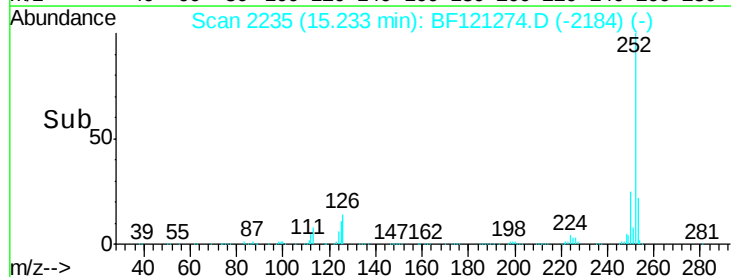
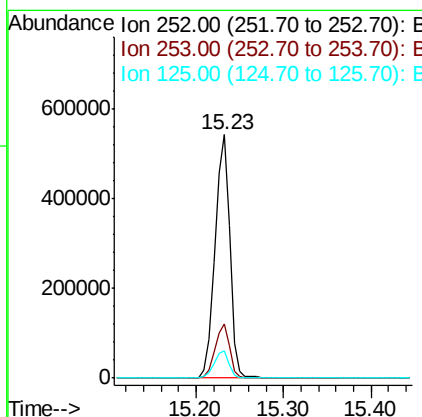
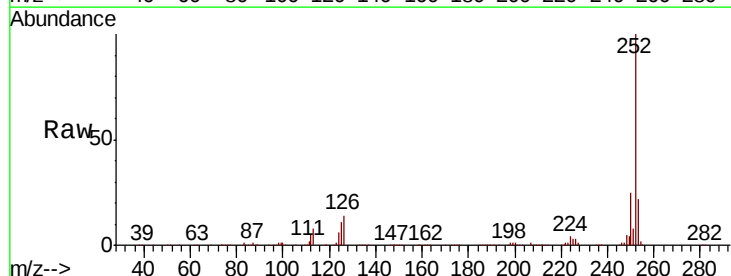
Instrument :
BNA_F
ClientSampleId :
PB130942BS

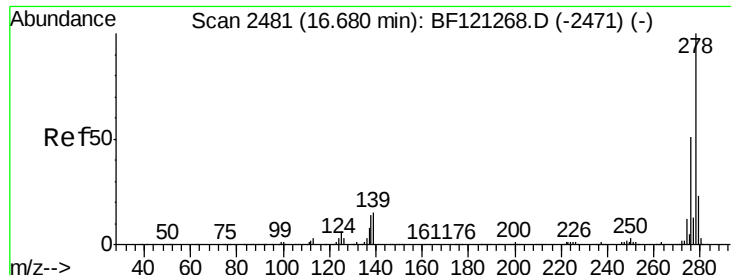
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.3	8.8	13.2



#90
Benzo(a)pyrene
Concen: 38.707 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	9.3	13.9

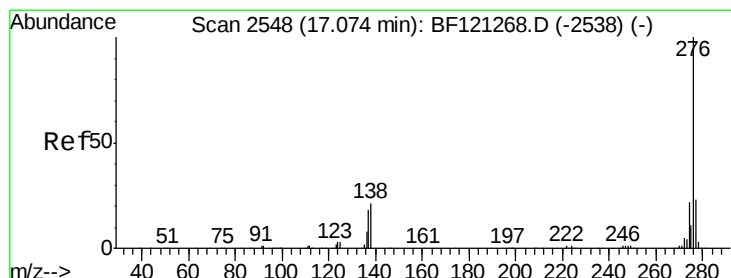
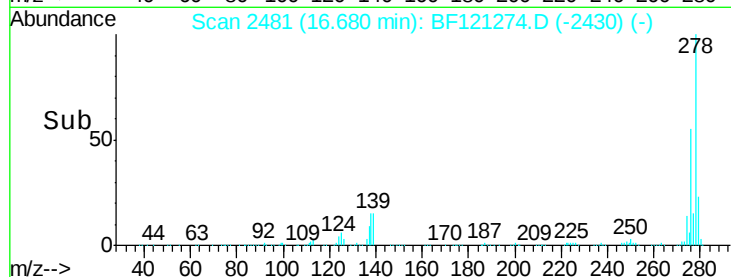
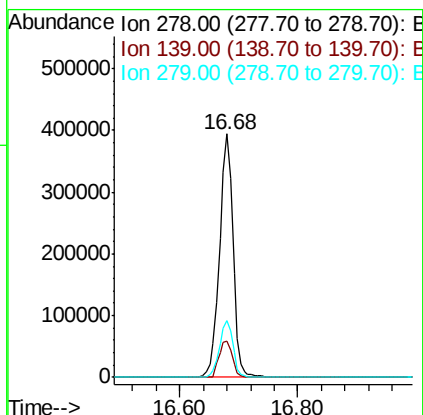
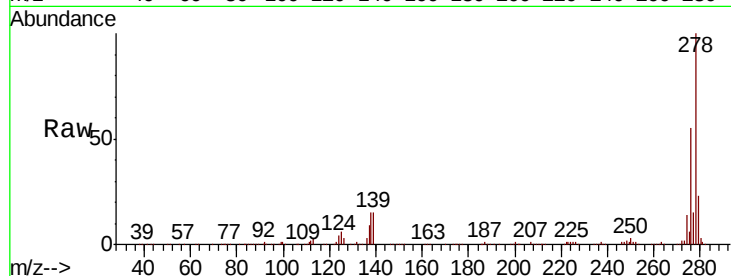




#91
Dibenzo(a,h)anthracene
Concen: 35.820 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	19.0
279	23.5	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 35.636 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	20.9	16.2	24.2

