

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121530.D
 Acq On : 8 Sep 2020 19:29
 Operator : JU/CG
 Sample : L3864-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Quant Time: Sep 09 02:35:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	345644	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1315273	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	696561	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1310301	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1024600	20.00	ng	-0.01
86) Perylene-d12	15.46	264	980363	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1919478	93.17	ng	0.01
7) Phenol-d6	6.47	99	2416924	83.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1752785	91.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	972656	138.25	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3103220	71.88	ng	0.00
79) Terphenyl-d14	12.95	244	3646827	74.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	351586	35.785	ng	99
3) Pyridine	3.50	79	919576	34.370	ng	99
4) n-Nitrosodimethylamine	3.43	42	447679	37.854	ng	98
6) Aniline	6.51	93	575717	16.854	ng	98
8) 2-Chlorophenol	6.63	128	943699	45.134	ng	99
9) Benzaldehyde	6.39	77	450650	28.294	ng	95
10) Phenol	6.49	94	1069863	37.987	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	944024	41.256	ng	99
12) 1,3-Dichlorobenzene	6.79	146	962947	38.249	ng	98
13) 1,4-Dichlorobenzene	6.86	146	964551	38.230	ng	98
14) 1,2-Dichlorobenzene	7.02	146	931647	39.657	ng	99
15) Benzyl Alcohol	6.99	79	812083	42.975	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1267346	37.386	ng	98
17) 2-Methylphenol	7.10	107	760156	41.784	ng	99
18) Hexachloroethane	7.36	117	350844	40.632	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	662098	41.152	ng	99
20) 3+4-Methylphenols	7.25	107	898914	40.832	ng	92
22) Acetophenone	7.26	105	1233930	38.063	ng	96
24) Nitrobenzene	7.43	77	990794	51.377	ng	99
25) Isophorone	7.67	82	1881282	43.475	ng	99
26) 2-Nitrophenol	7.74	139	503088	57.414	ng	100
27) 2,4-Dimethylphenol	7.78	122	826132	46.031	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1195407	40.625	ng	99
29) 2,4-Dichlorophenol	7.98	162	818232	46.174	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	855275	39.398	ng	98
31) Naphthalene	8.15	128	2635517	40.361	ng	99
32) Benzoic acid	7.91	122	525793	47.312	ng	95
33) 4-Chloroaniline	8.19	127	314743	10.822	ng	99
34) Hexachlorobutadiene	8.26	225	496433	38.454	ng	100
35) Caprolactam	8.57	113	162610	28.135	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	880781	47.141	ng	98
37) 2-Methylnaphthalene	8.84	142	1852513	42.820	ng	99
38) 1-Methylnaphthalene	8.94	142	1720353	42.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	854419	41.380	ng	99

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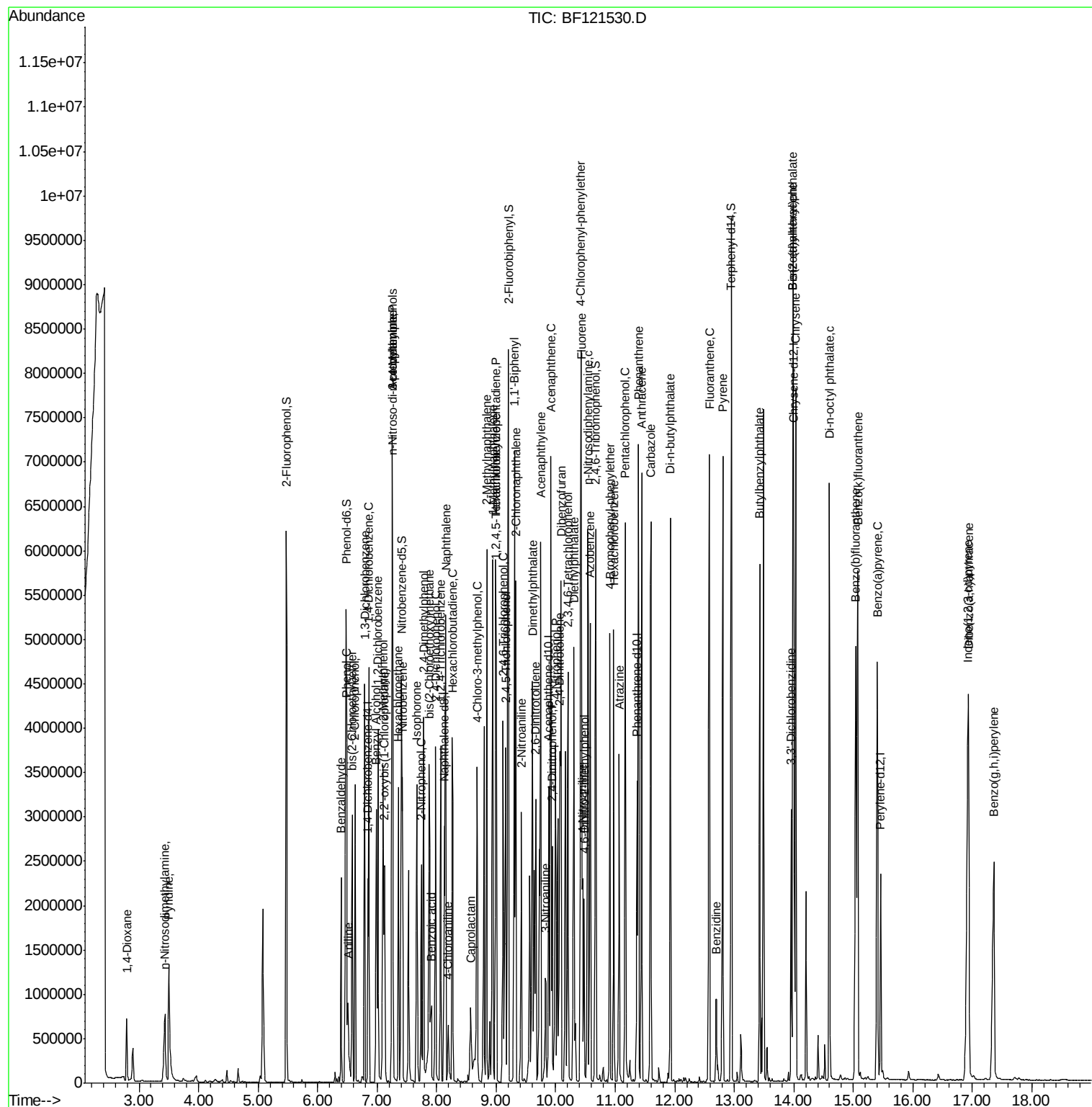
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	825454	95.065	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	638005	48.886	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	656432	50.865	ng	96
46) 1,1'-Biphenyl	9.30	154	2256013	42.920	ng	99
47) 2-Chloronaphthalene	9.33	162	1724825	39.923	ng	99
48) 2-Nitroaniline	9.42	65	568380	47.028	ng	99
49) Acenaphthylene	9.75	152	2795613	43.139	ng	99
50) Dimethylphthalate	9.61	163	2178662	45.534	ng	100
51) 2,6-Dinitrotoluene	9.67	165	497644	54.492	ng	# 84
52) Acenaphthene	9.92	154	1765446	43.144	ng	100
53) 3-Nitroaniline	9.83	138	237111	23.848	ng	96
54) 2,4-Dinitrophenol	9.94	184	388354	86.792	ng	# 90
55) Dibenzofuran	10.09	168	2617884	44.042	ng	99
56) 4-Nitrophenol	10.00	139	819711	87.872	ng	98
57) 2,4-Dinitrotoluene	10.07	165	668802	58.677	ng	94
58) Fluorene	10.43	166	1964587	43.843	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	582335	54.198	ng	99
60) Diethylphthalate	10.30	149	2220189	46.186	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	966103	43.031	ng	98
62) 4-Nitroaniline	10.45	138	475078	41.329	ng	97
63) Azobenzene	10.58	77	2090628	43.978	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	296685	64.117	ng	95
66) n-Nitrosodiphenylamine	10.54	169	1893092	45.681	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	657352	45.603	ng	99
68) Hexachlorobenzene	10.97	284	756116	44.858	ng	99
69) Atrazine	11.07	200	484586	40.319	ng	98
70) Pentachlorophenol	11.17	266	859624	111.630	ng	99
71) Phenanthrene	11.39	178	2937976	43.693	ng	99
72) Anthracene	11.45	178	2979047	45.045	ng	99
73) Carbazole	11.60	167	2852500	44.728	ng	99
74) Di-n-butylphthalate	11.93	149	3284502	46.360	ng	99
75) Fluoranthene	12.58	202	3230547	44.578	ng	99
77) Benzidine	12.70	184	427707	19.140	ng	99
78) Pyrene	12.81	202	3284053	44.880	ng	99
80) Butylbenzylphthalate	13.43	149	1459478	51.771	ng	99
81) Benzo(a)anthracene	13.99	228	2718395	43.462	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	665536	29.051	ng	98
83) Chrysene	14.03	228	2779630	44.420	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1816895	49.901	ng	100
85) Di-n-octyl phthalate	14.60	149	3278748	53.137	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2794451	46.327	ng	100
88) Benzo(b)fluoranthene	15.04	252	3209562	50.328	ng	99
89) Benzo(k)fluoranthene	15.07	252	2510435	42.323	ng	99
90) Benzo(a)pyrene	15.40	252	2537894	44.257	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	2283450	46.246	ng	99
92) Benzo(g,h,i)perylene	17.36	276	2326510	48.913	ng	99

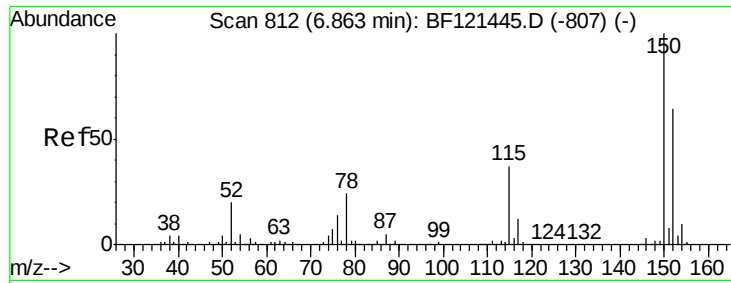
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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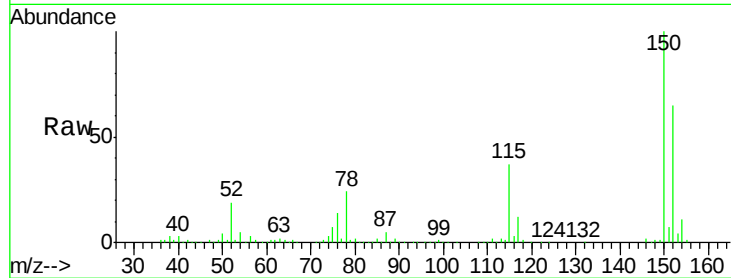


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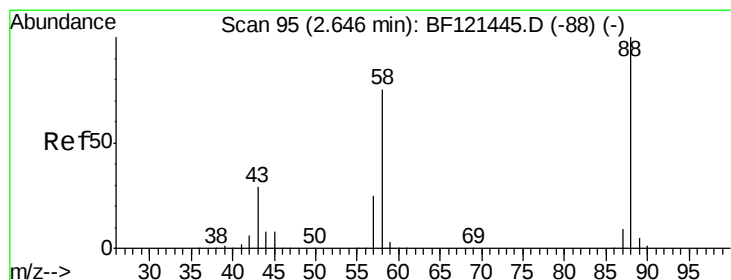
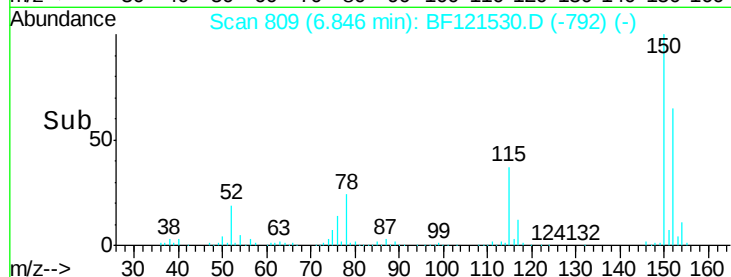
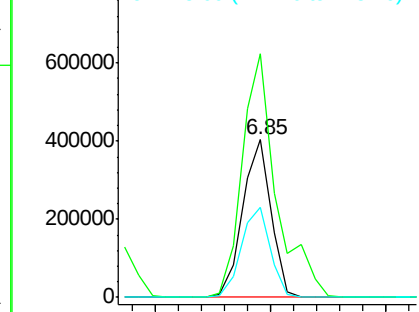
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion:152 Resp: 345644
Ion Ratio Lower Upper
152 100
150 154.5 126.1 189.1
115 57.3 48.4 72.6



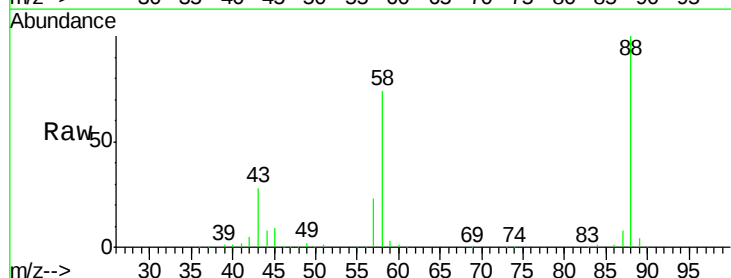
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



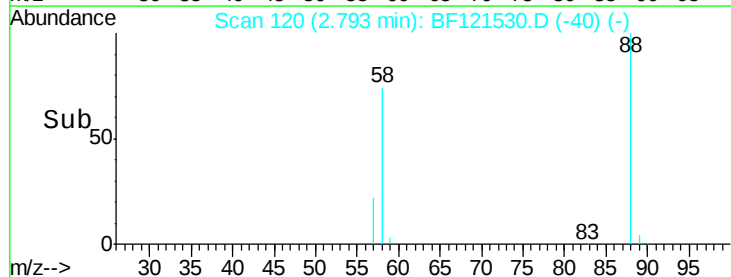
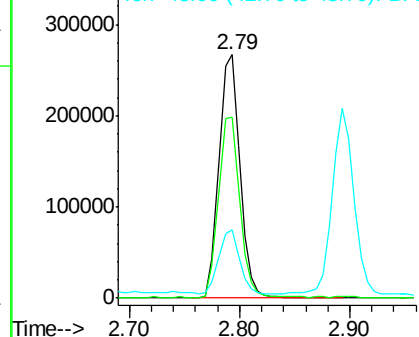
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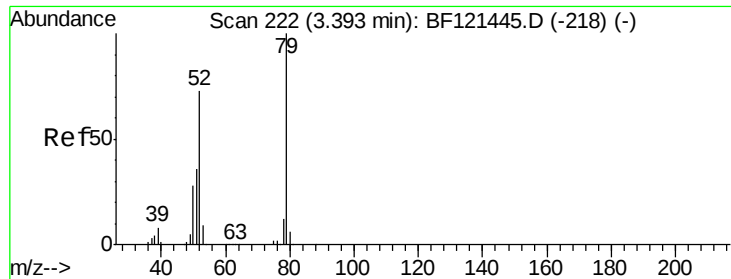
1,4-Dioxane
Concen: 35.785 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.17 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion: 88 Resp: 351586
Ion Ratio Lower Upper
88 100
58 75.0 59.6 89.4
43 25.8 21.9 32.9



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

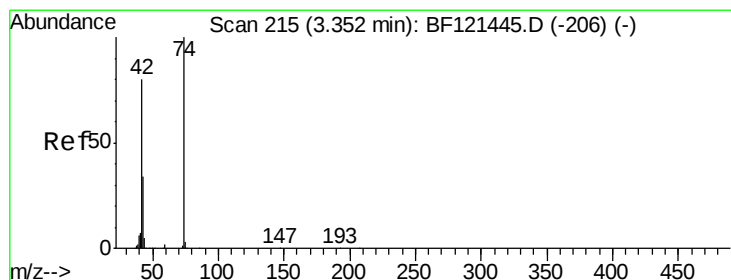
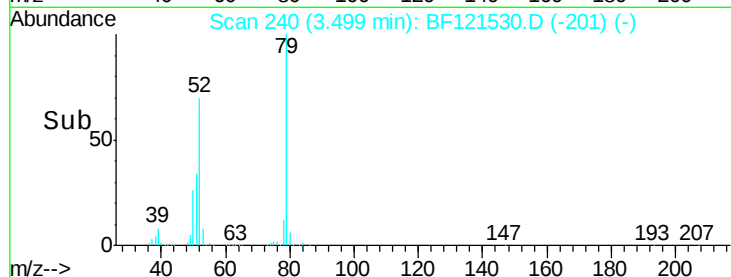
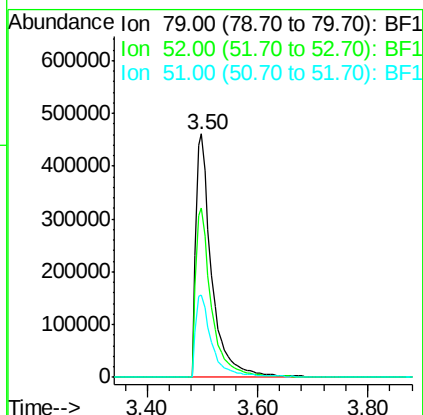
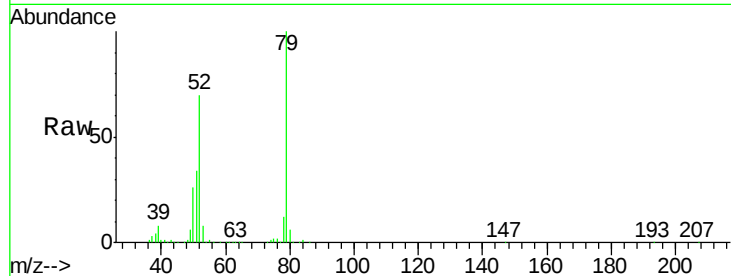




#3
 Pvridine
 Concen: 34.370 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.13 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

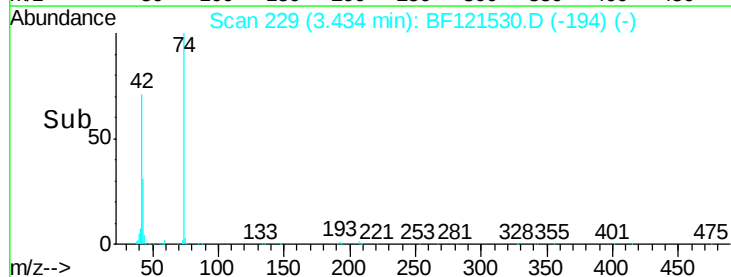
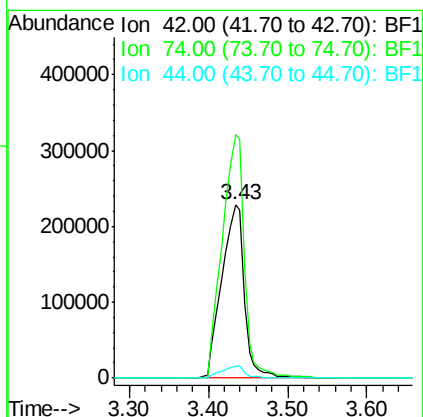
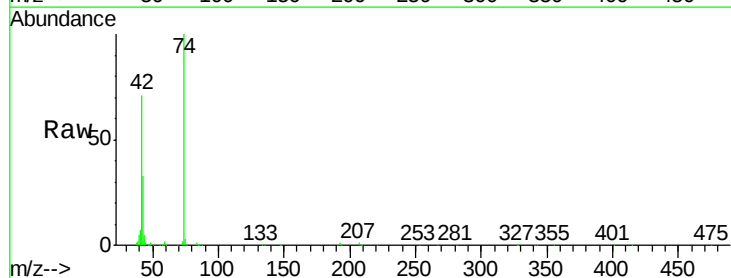
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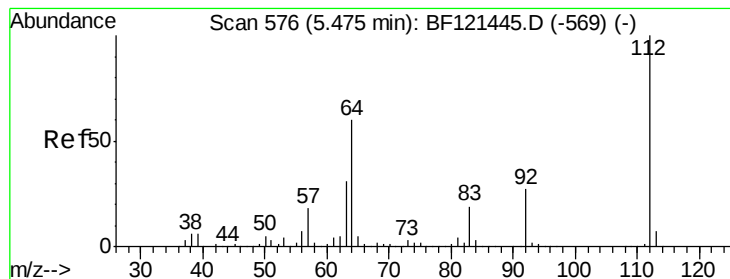
Tot Ion: 79 Resp: 919576
 Ion Ratio Lower Upper
 79 100
 52 69.8 56.5 84.7
 51 33.8 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 37.854 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.11 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion: 42 Resp: 447679
 Ion Ratio Lower Upper
 42 100
 74 140.2 110.3 165.5
 44 6.5 5.4 8.2





#5

2-Fluorophenol

Concen: 93.171 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

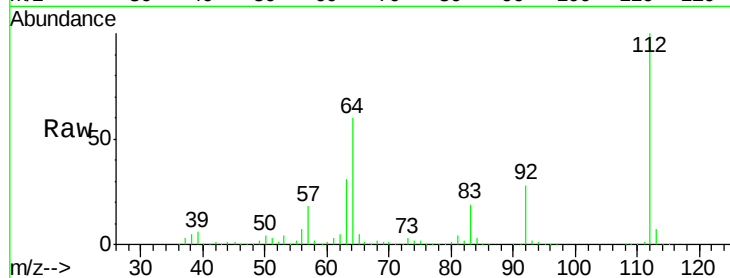
Tot Ion:112 Resp: 1919478

Ion Ratio Lower Upper

112 100

64 60.3 46.0 69.0

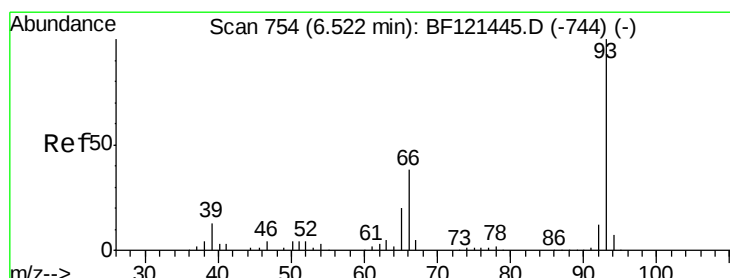
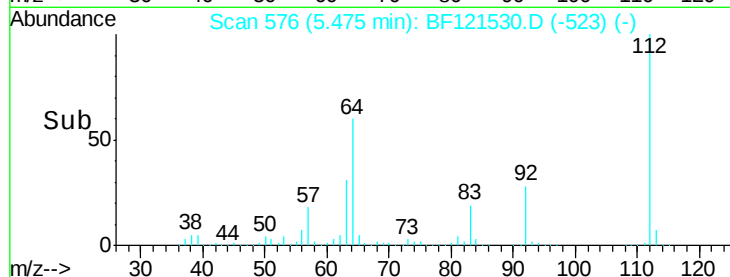
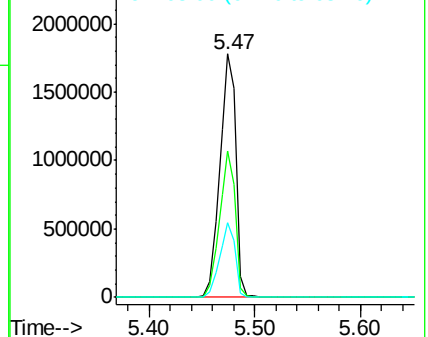
63 30.8 23.4 35.2



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: 16.854 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

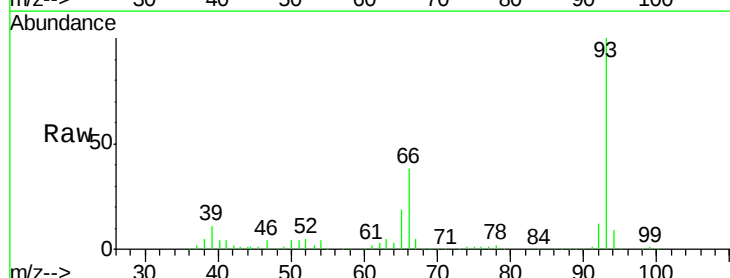
Tgt Ion: 93 Resp: 575717

Ion Ratio Lower Upper

93 100

66 37.8 31.5 47.3

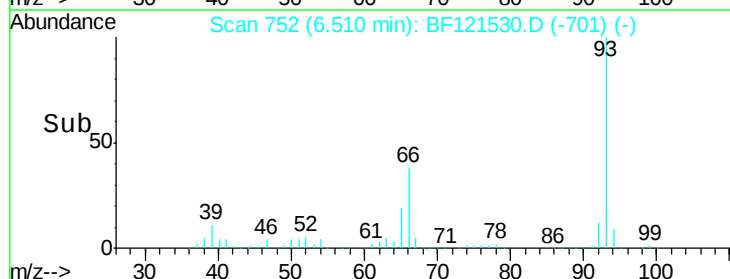
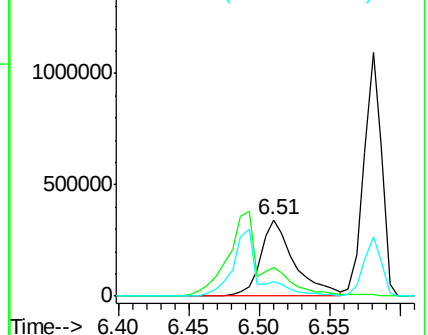
65 18.9 15.8 23.8

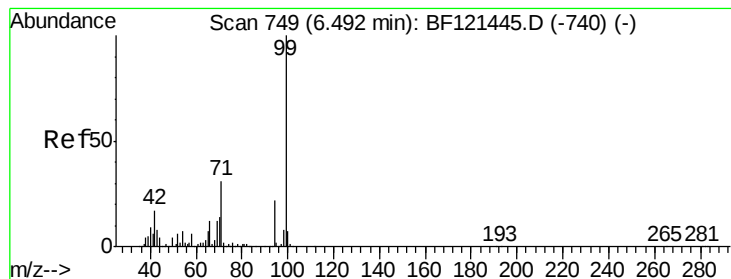


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.949 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

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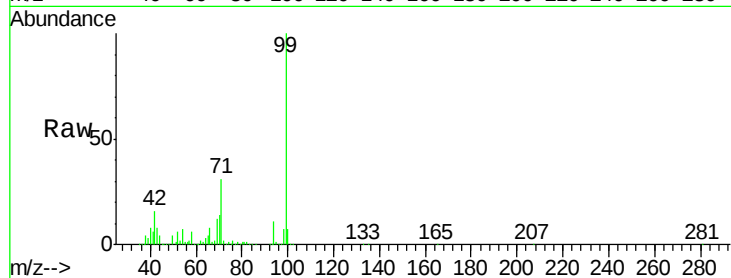
Tot Ion: 99 Resp: 2416924

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.4

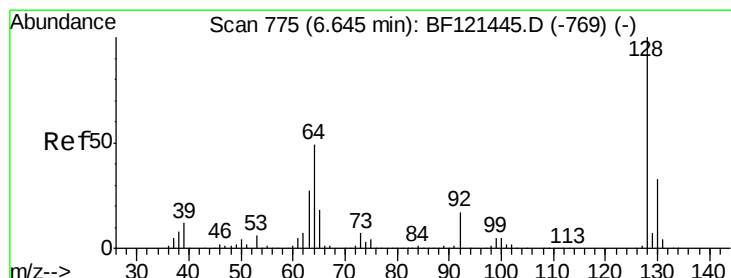
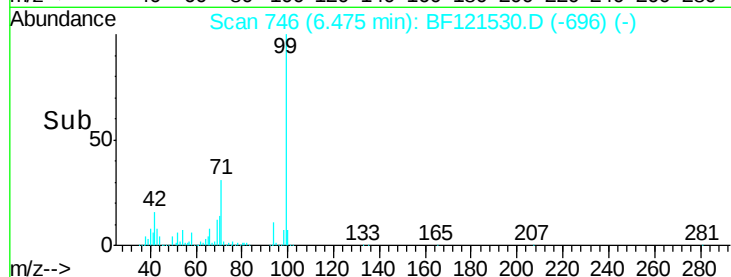
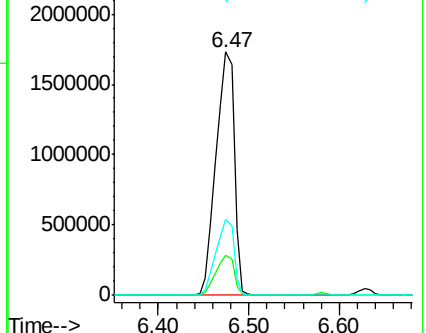
71 31.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.134 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

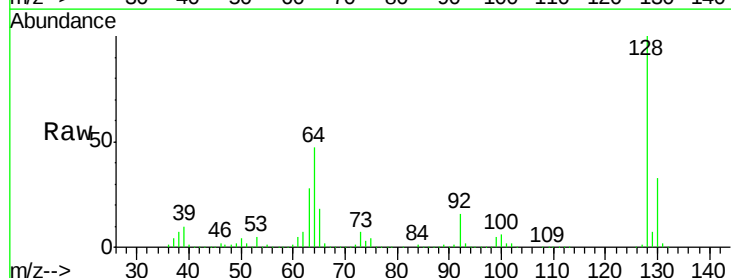
Tgt Ion: 128 Resp: 943699

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

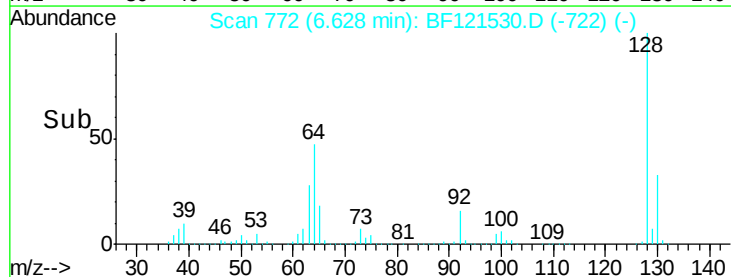
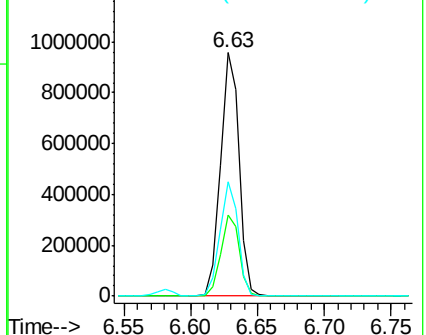
64 46.9 26.4 66.4

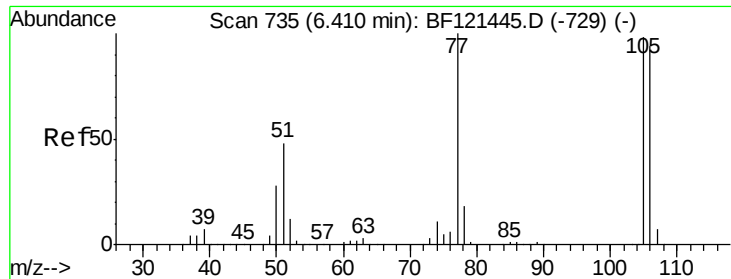


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.294 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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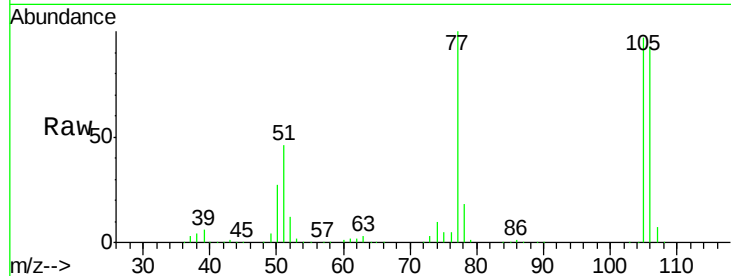
Tot Ion: 77 Resp: 450650

Ion Ratio Lower Upper

77 100

105 96.6 82.1 122.1

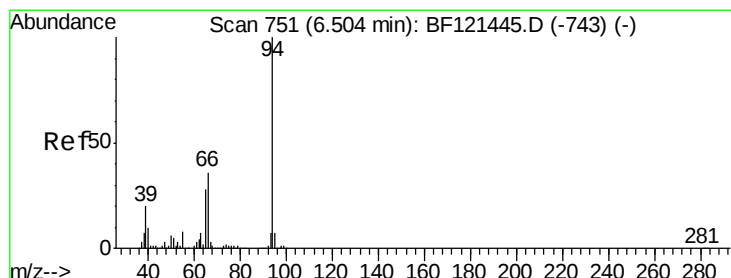
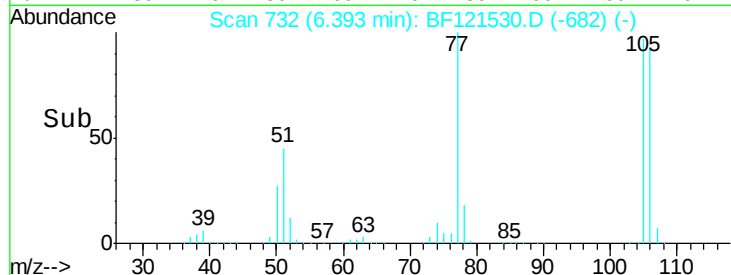
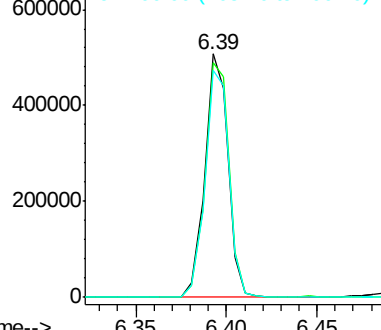
106 93.3 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.987 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

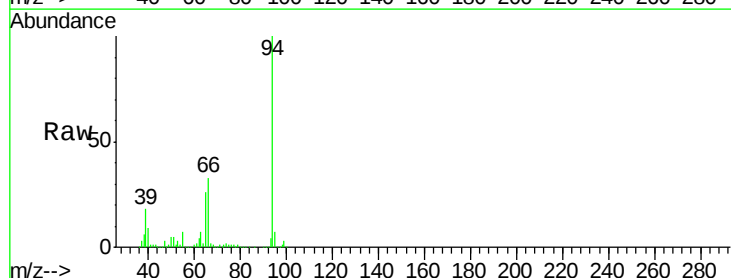
Tgt Ion: 94 Resp: 1069863

Ion Ratio Lower Upper

94 100

65 26.1 8.8 48.8

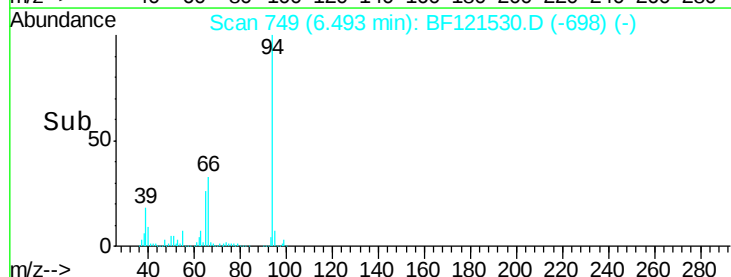
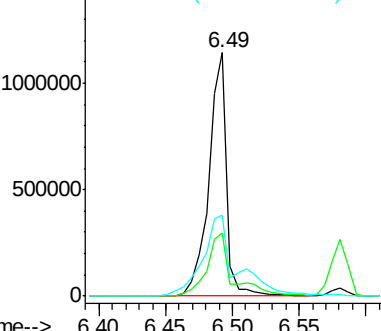
66 33.2 18.4 58.4

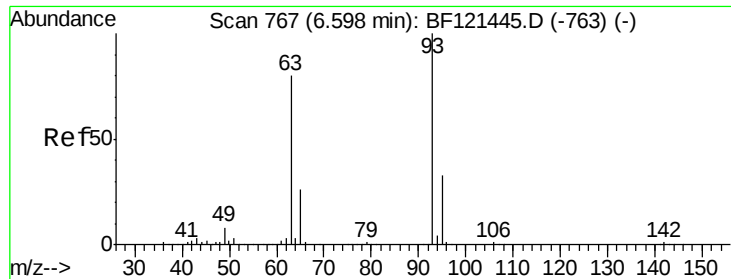


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

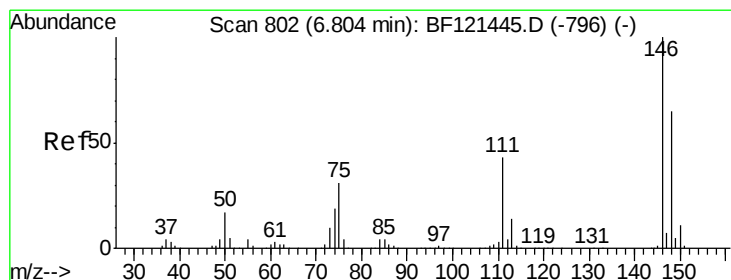
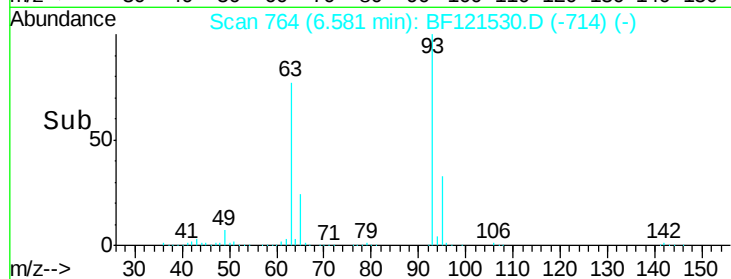
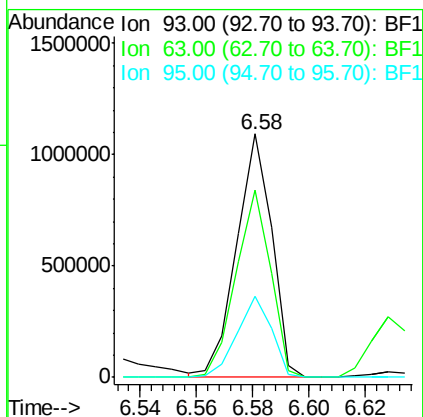
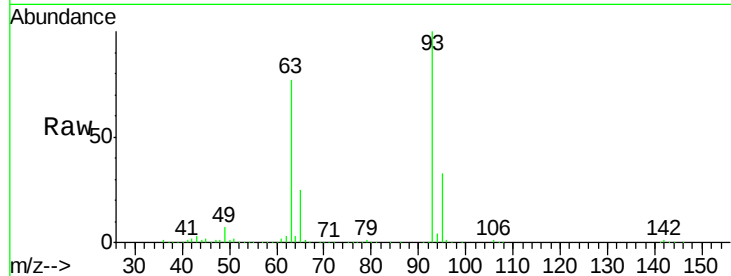




#11
 bis(2-Chloroethyl)ether
 Concen: 41.256 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

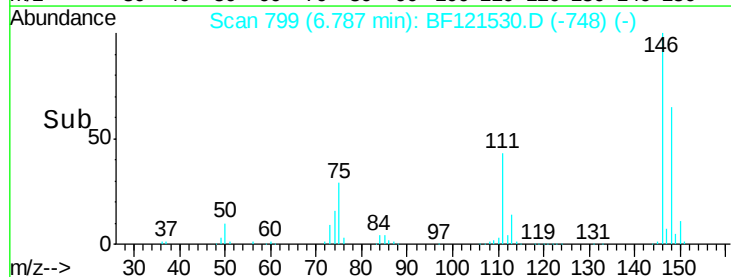
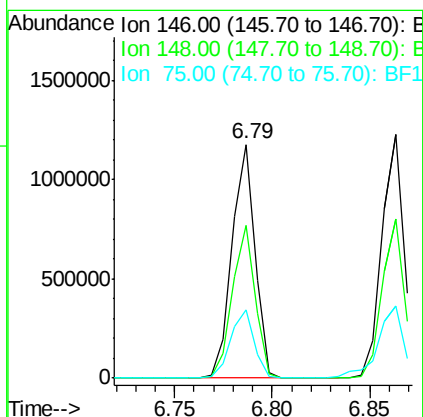
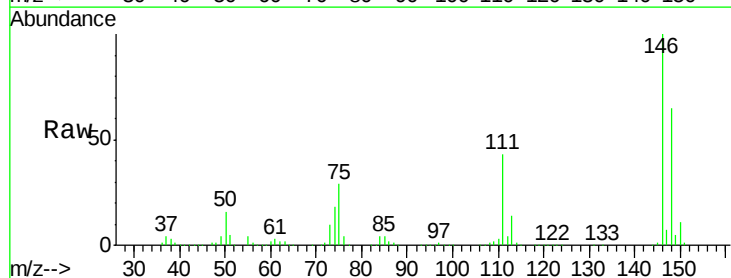
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

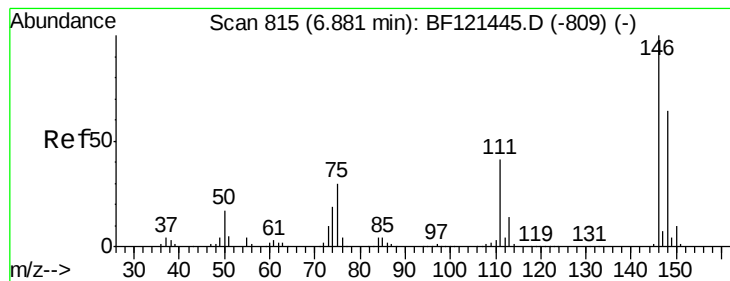
Tot Ion	93	Resp	944024
Ion	Ratio	Lower	Upper
93	100		
63	77.0	56.4	96.4
95	33.4	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 38.249 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	146	Resp	962947
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	29.4	25.5	38.3





#13

1,4-Dichlorobenzene

Concen: 38.230 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

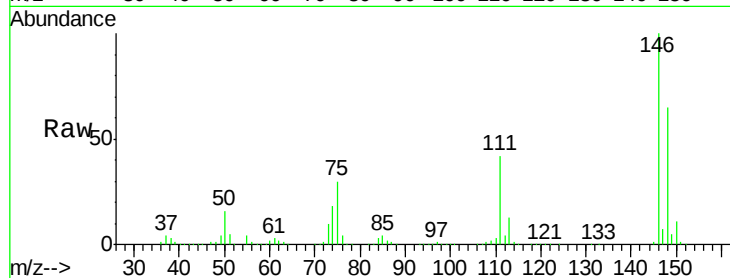
Tot Ion:146 Resp: 964551

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.4

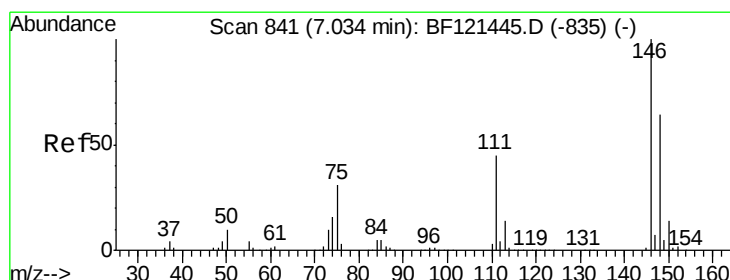
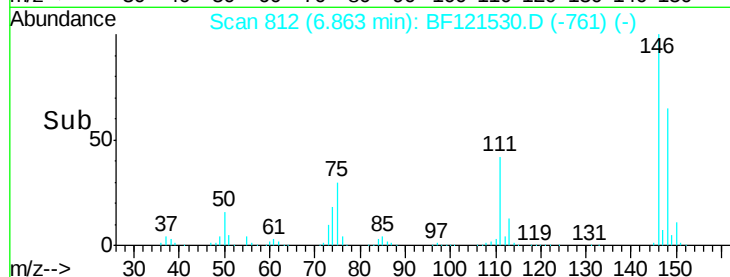
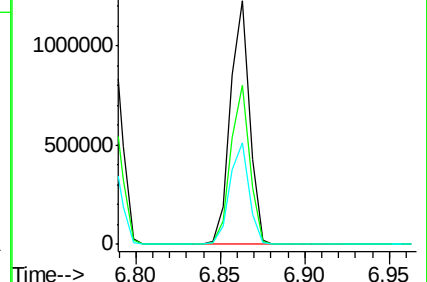
111 41.7 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.657 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

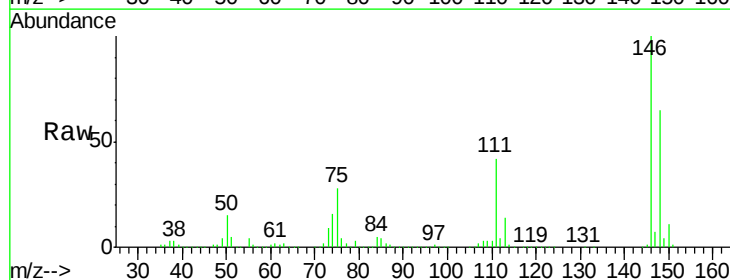
Tgt Ion:146 Resp: 931647

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

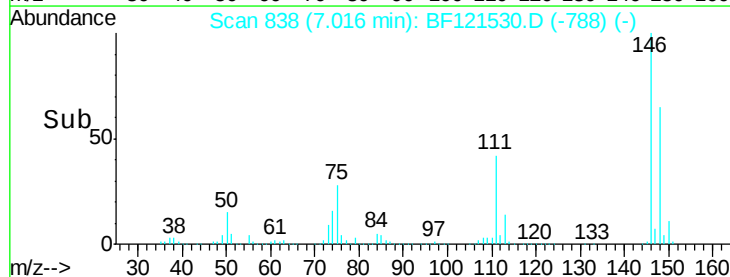
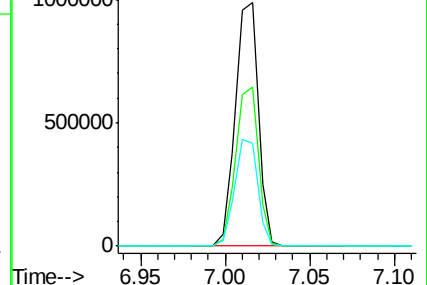
111 42.1 33.9 50.9

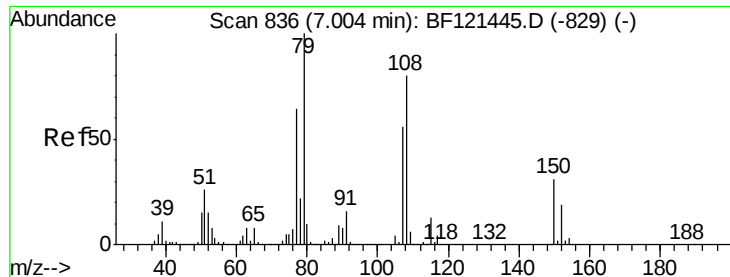


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.975 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

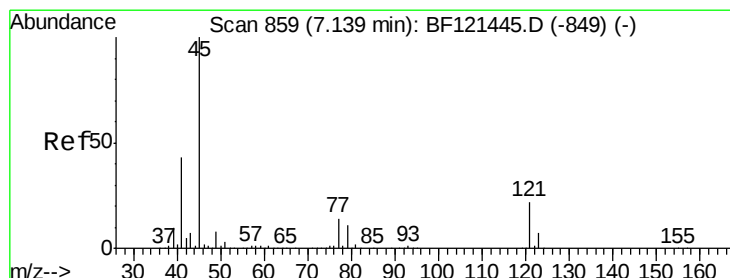
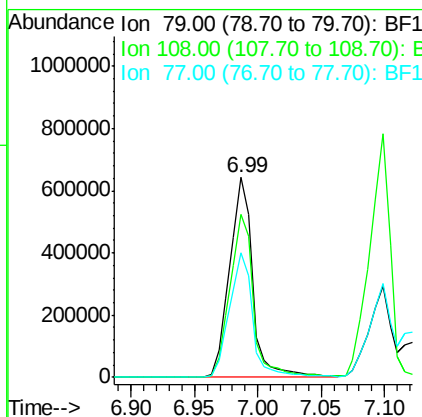
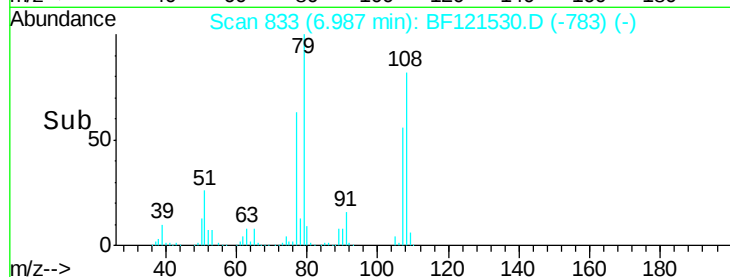
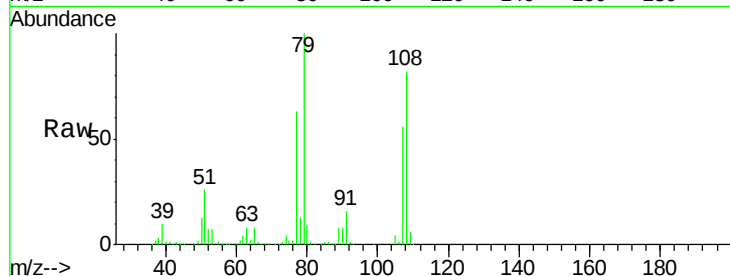
Tot Ion: 79 Resp: 812083

Ion Ratio Lower Upper

79 100

108 81.6 66.9 100.3

77 62.7 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.386 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

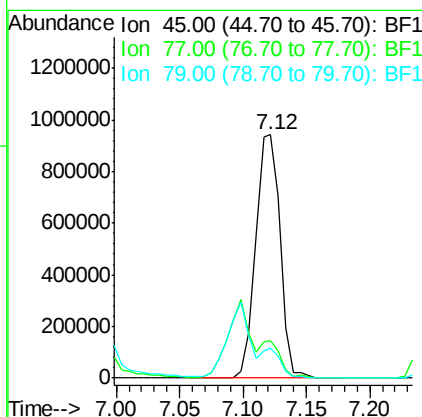
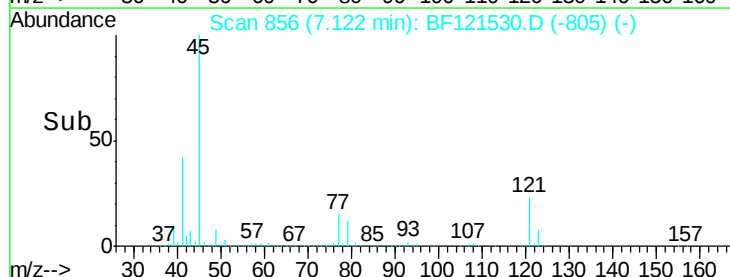
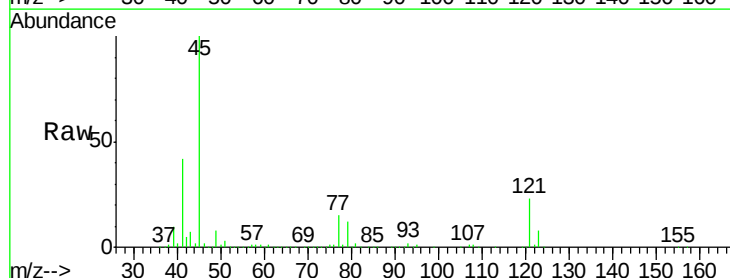
Tgt Ion: 45 Resp: 1267346

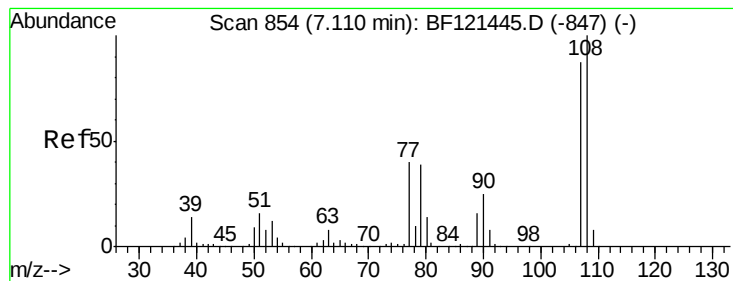
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.7

79 12.1 0.0 31.2

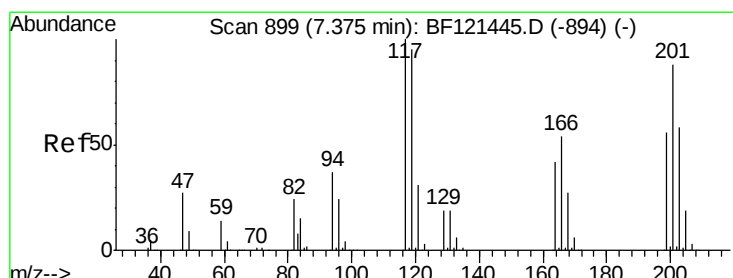
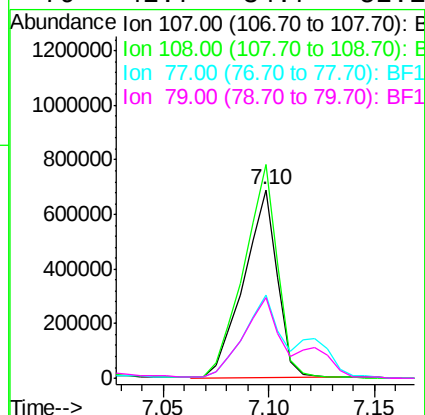
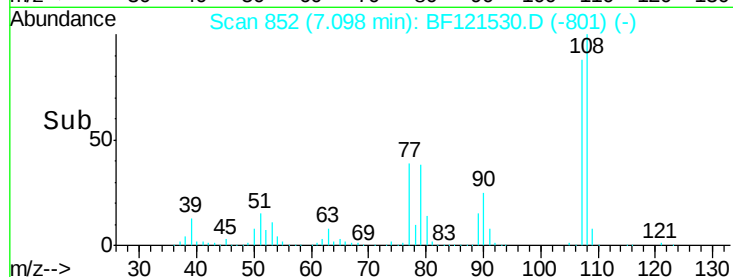
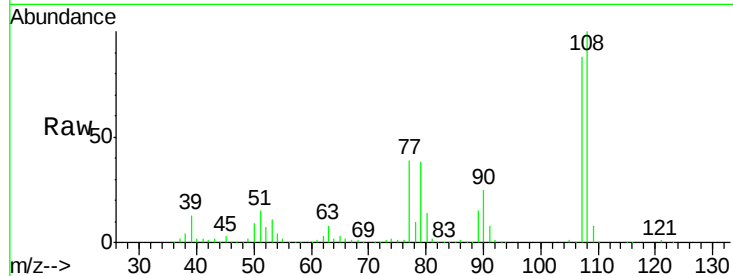




#17
2-Methylphenol
Concen: 41.784 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

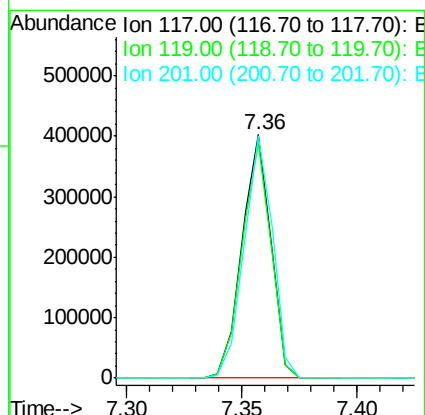
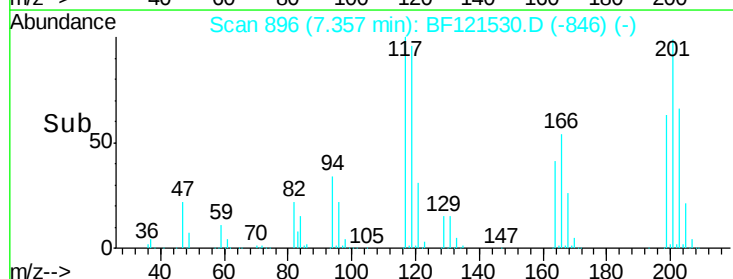
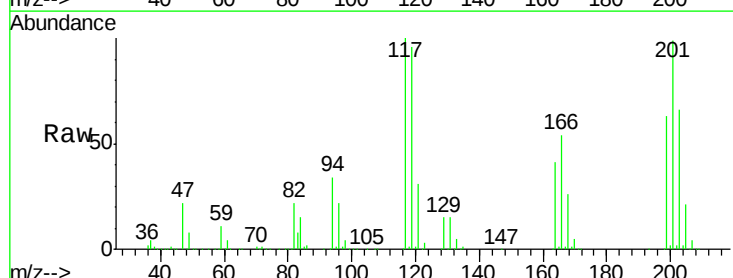
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

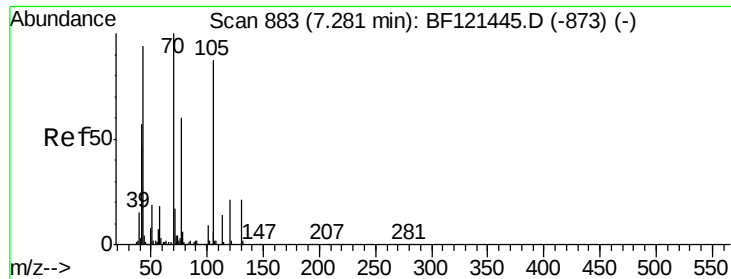
Tot Ion:	107	Resp:	760156
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.6	137.4
77	43.9	35.4	53.0
79	42.7	34.7	52.1



#18
Hexachloroethane
Concen: 40.632 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:	117	Resp:	350844
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	99.5	82.5	123.7

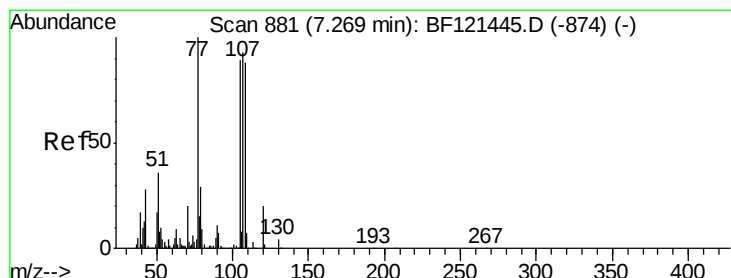
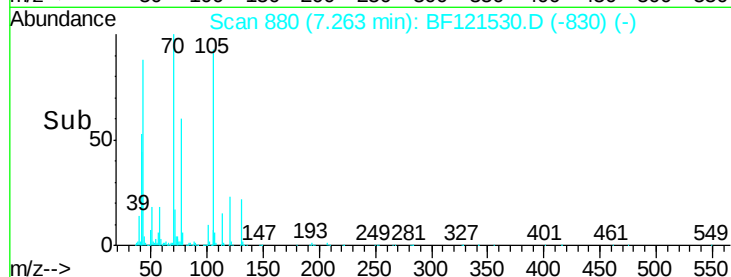
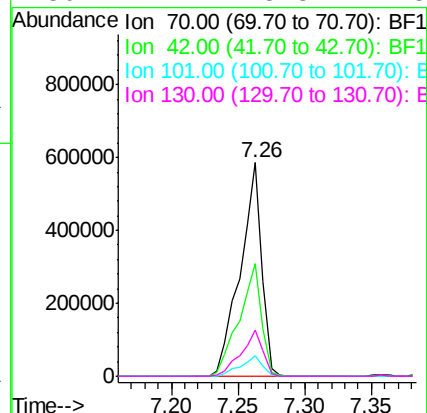
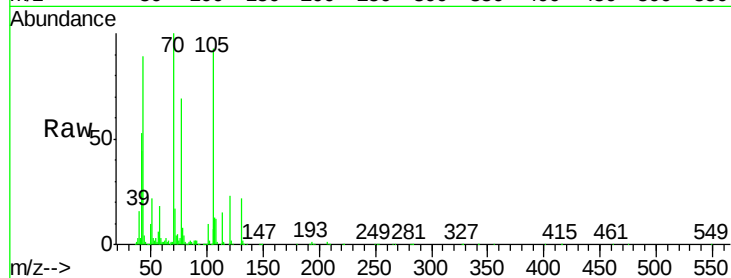




#19
n-Nitroso-di-n-propylamine
Concen: 41.152 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

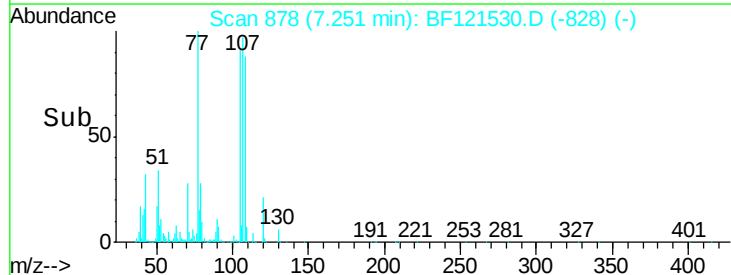
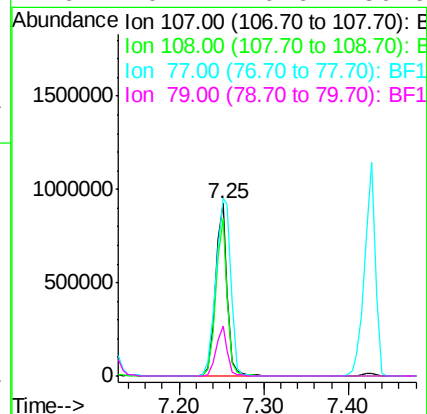
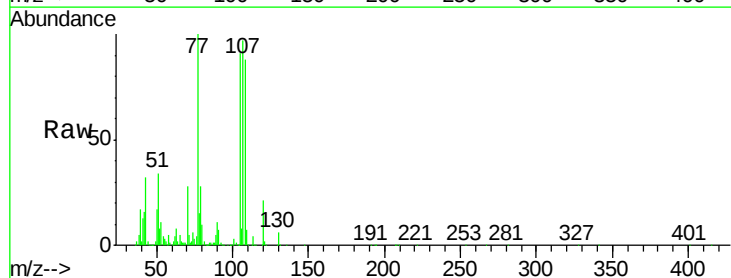
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

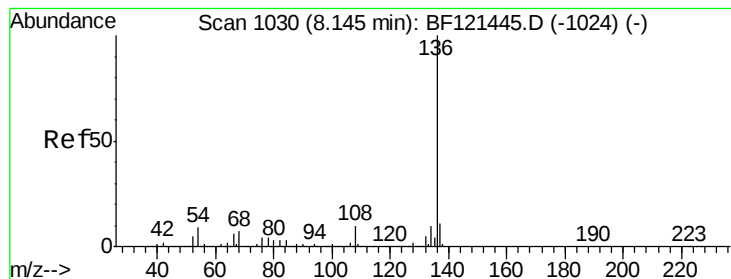
Tot Ion:	70	Resp:	662098
Ion	Ratio	Lower	Upper
70	100		
42	53.0	42.0	63.0
101	9.7	8.1	12.1
130	21.7	18.3	27.5



#20
3+4-Methylphenols
Concen: 40.832 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:	107	Resp:	898914
Ion	Ratio	Lower	Upper
107	100		
108	91.1	74.0	114.0
77	103.0	96.7	136.7
79	29.1	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:136 Resp: 1315273

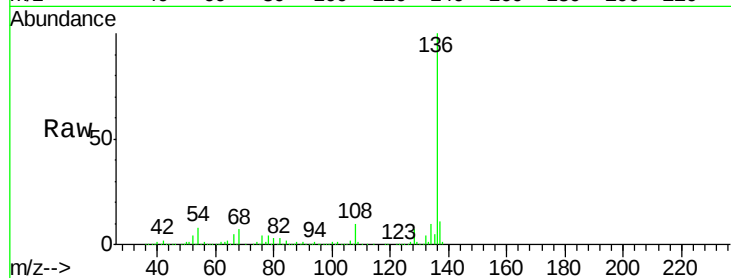
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.2 9.4

68 6.6 5.1 7.7

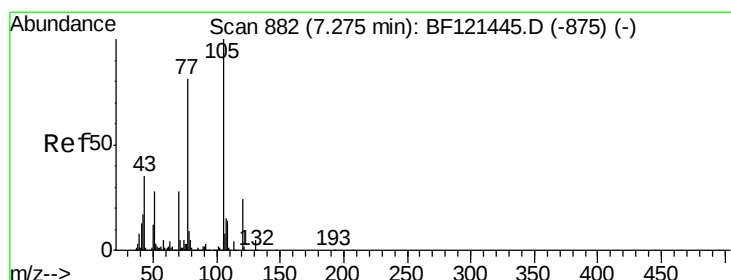
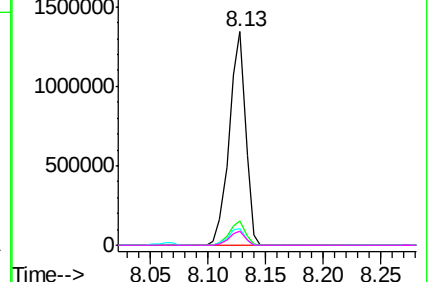
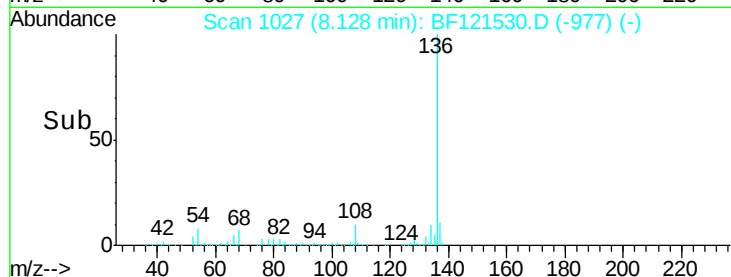


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.063 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:105 Resp: 1233930

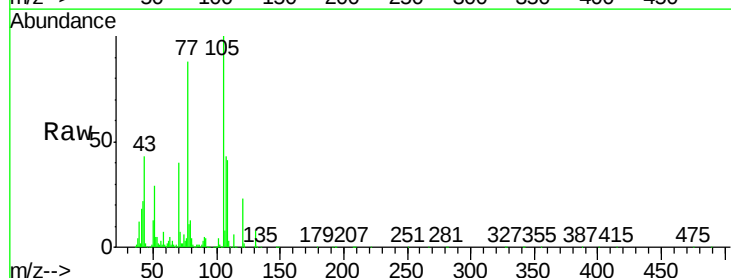
Ion Ratio Lower Upper

105 100

71 6.8 6.0 9.0

51 29.4 20.7 31.1

120 23.4 18.9 28.3

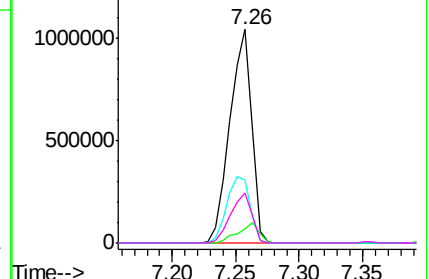
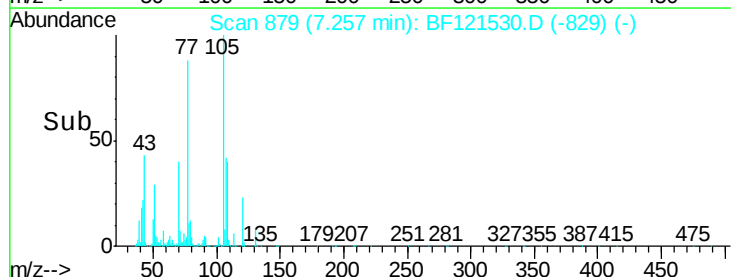


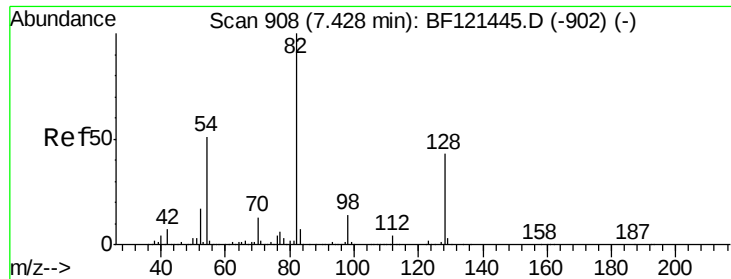
Abundance Ion 105.00 (104.70 to 105.70): E

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

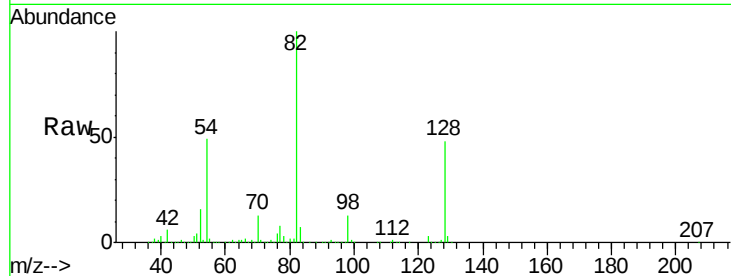




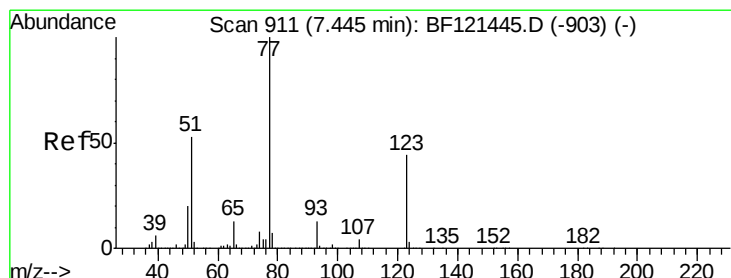
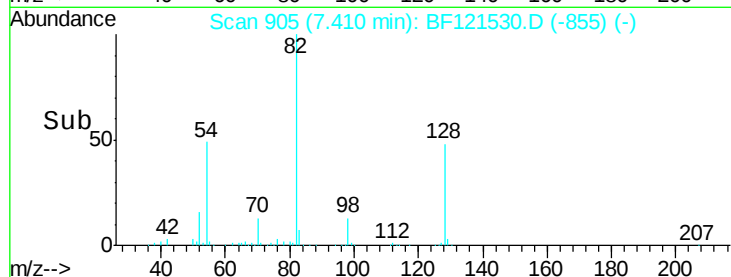
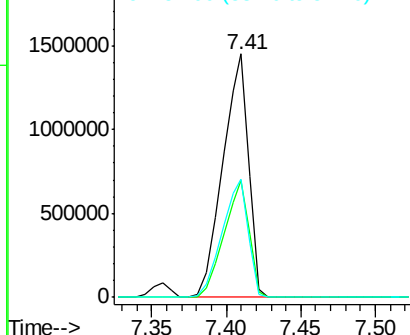
#23
Nitrobenzene-d5
Concen: 91.107 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion: 82 Resp: 1752785
Ion Ratio Lower Upper
82 100
128 47.8 37.3 55.9
54 48.7 39.0 58.6

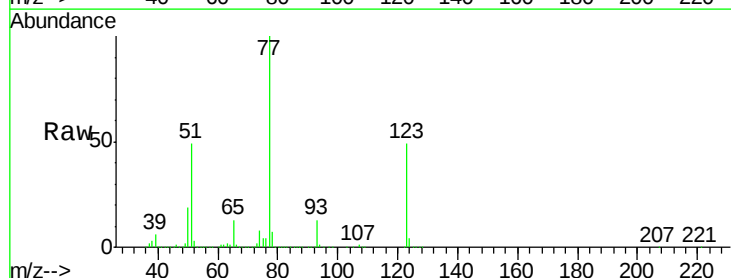


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

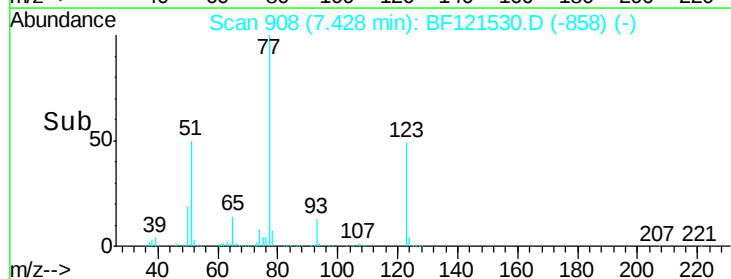
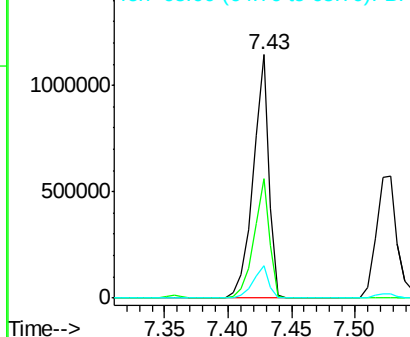


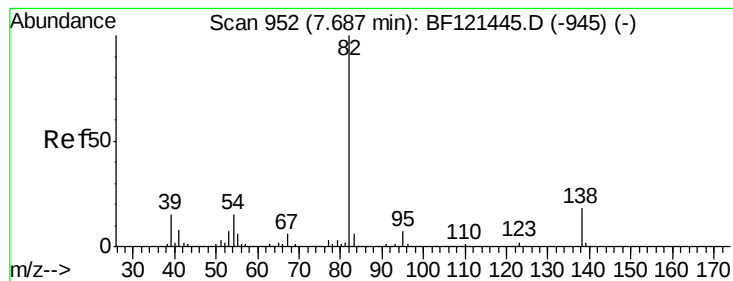
#24
Nitrobenzene
Concen: 51.377 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion: 77 Resp: 990794
Ion Ratio Lower Upper
77 100
123 49.2 39.7 59.5
65 13.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.475 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

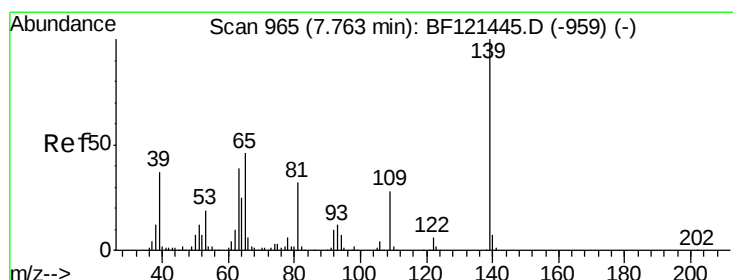
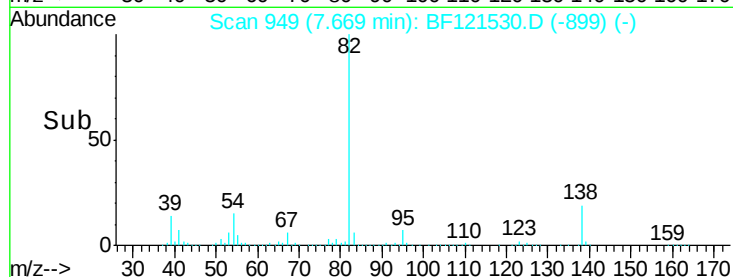
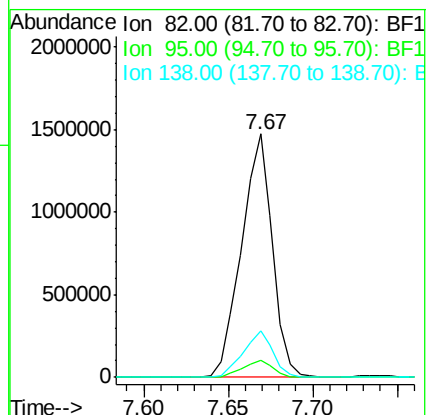
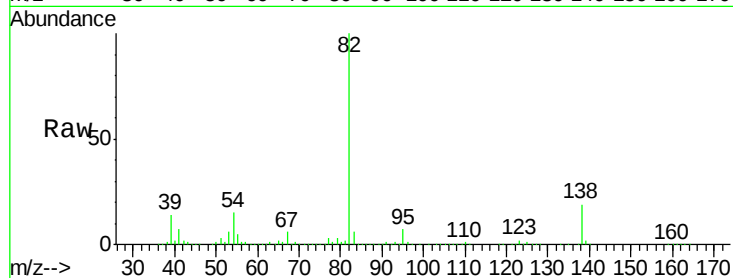
Tot Ion: 82 Resp: 1881282

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 18.9 15.6 23.4



#26

2-Nitrophenol

Concen: 57.414 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

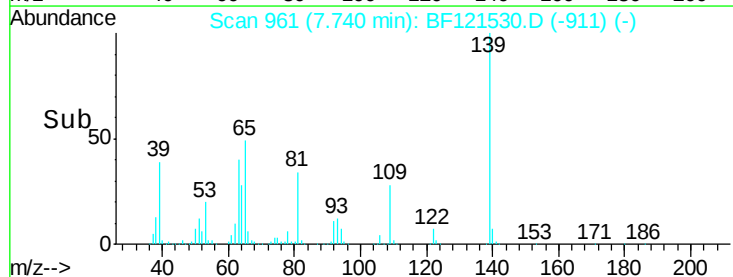
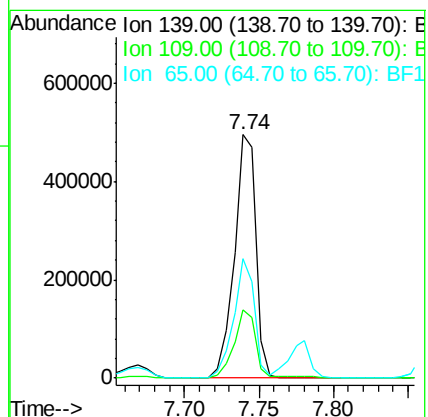
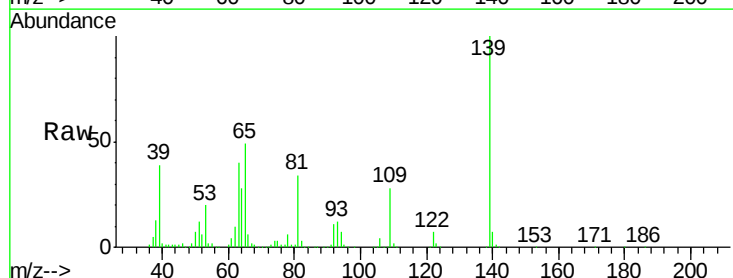
Tgt Ion: 139 Resp: 503088

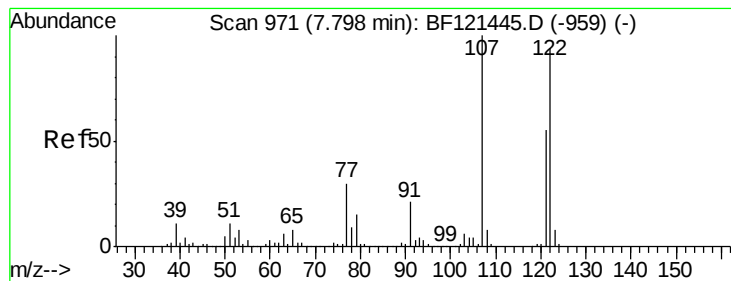
Ion Ratio Lower Upper

139 100

109 28.0 22.0 33.0

65 49.2 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 46.031 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

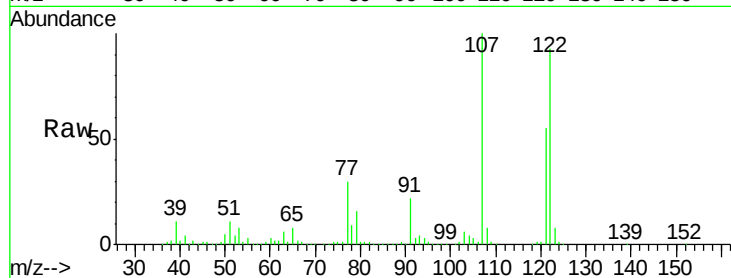
Tot Ion:122 Resp: 826132

Ion Ratio Lower Upper

122 100

107 107.0 87.7 131.5

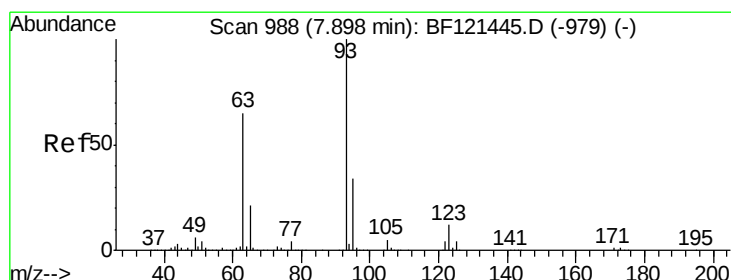
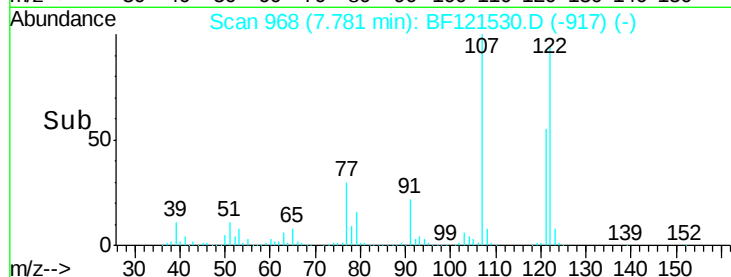
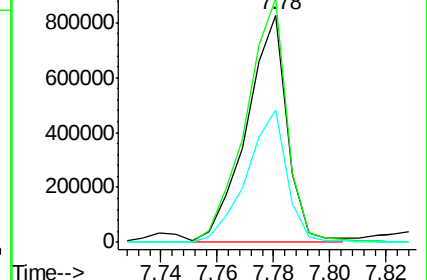
121 58.4 46.5 69.7



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: 40.625 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

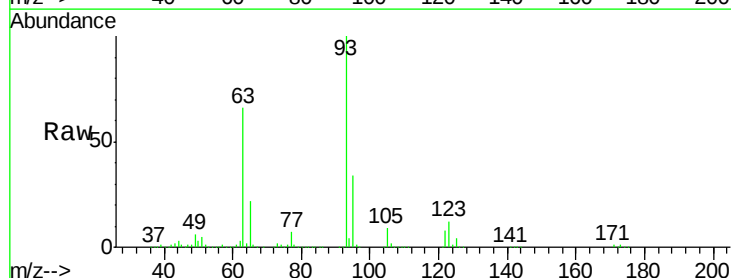
Tgt Ion: 93 Resp: 1195407

Ion Ratio Lower Upper

93 100

95 33.6 27.4 41.0

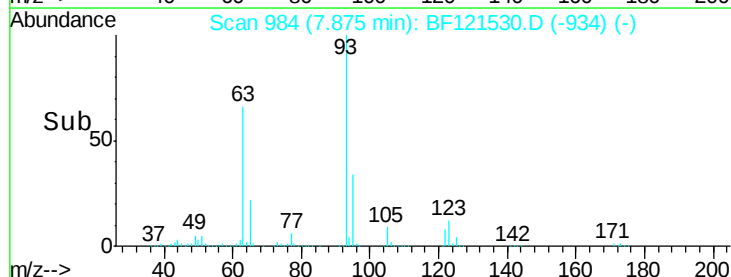
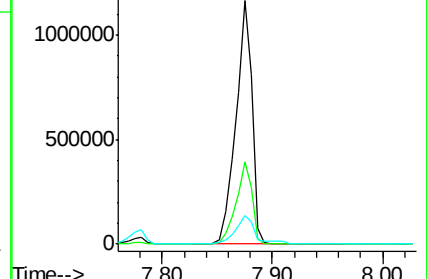
123 11.6 9.6 14.4

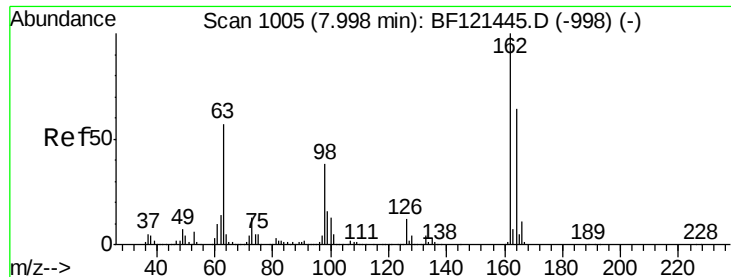


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

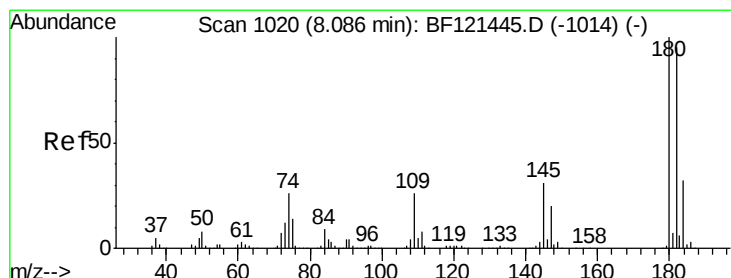
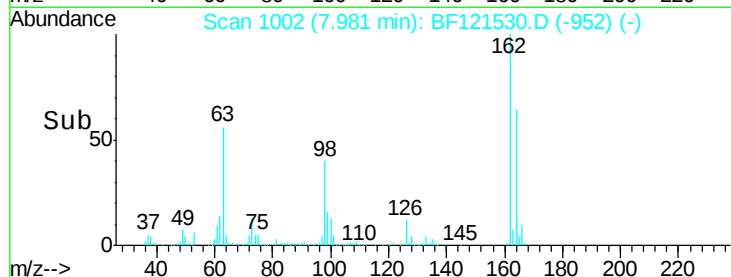
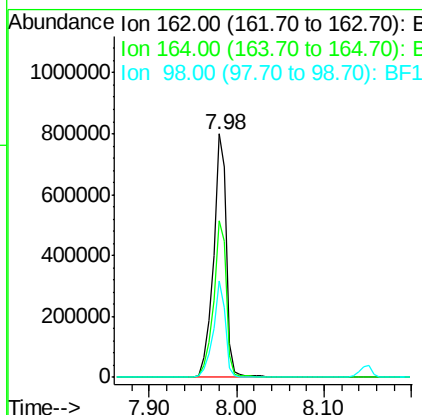
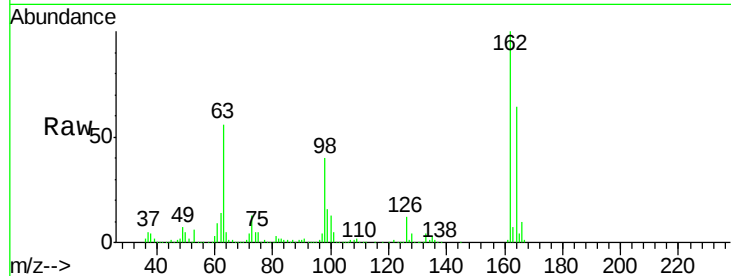




#29
 2,4-Dichlorophenol
 Concen: 46.174 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

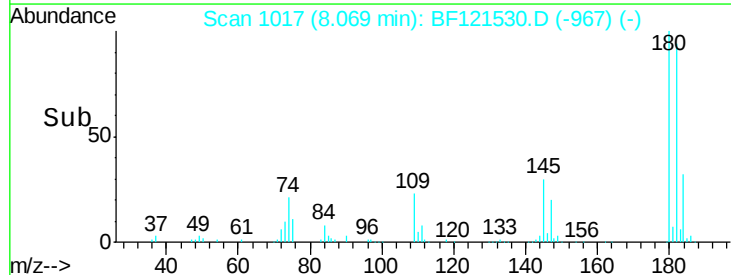
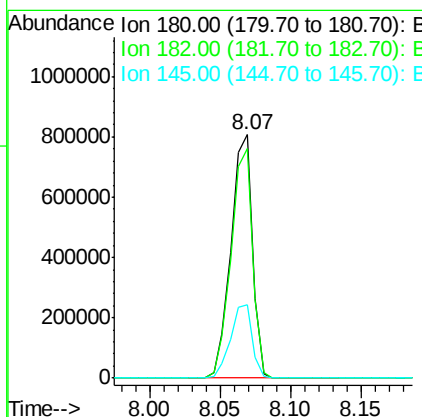
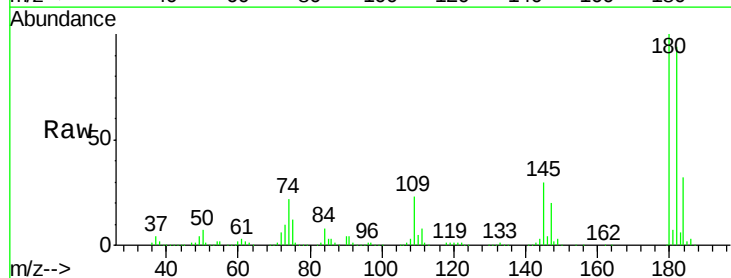
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

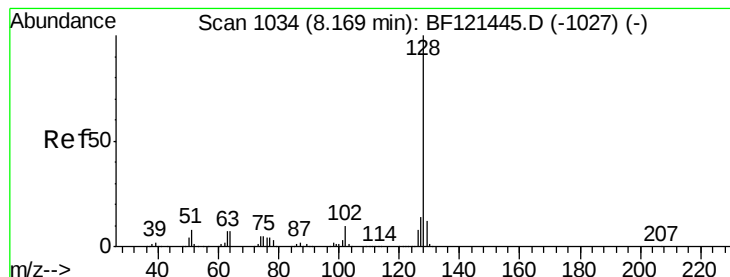
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	39.8	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.398 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.5	116.3
145	30.1	24.3	36.5





#31

Naphthalene

Concen: 40.361 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

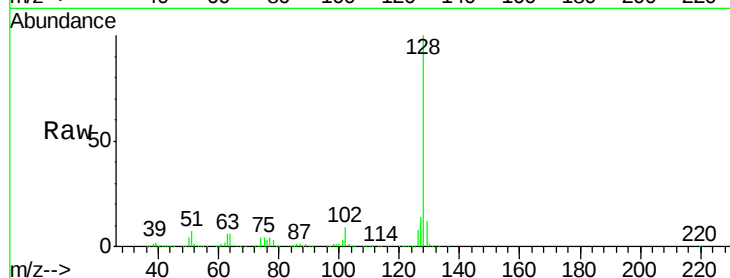
Tot Ion:128 Resp: 2635517

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

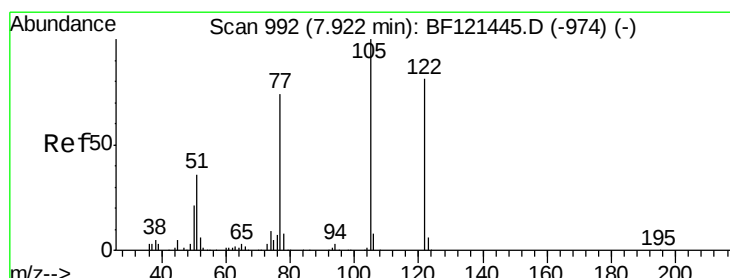
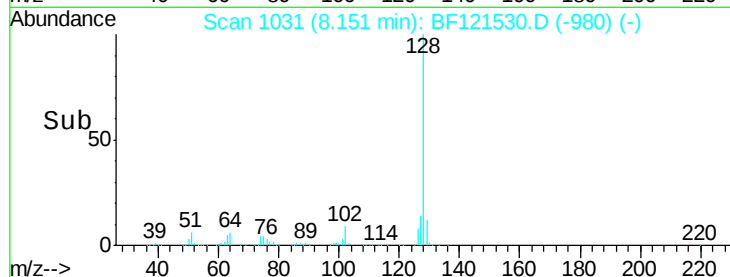
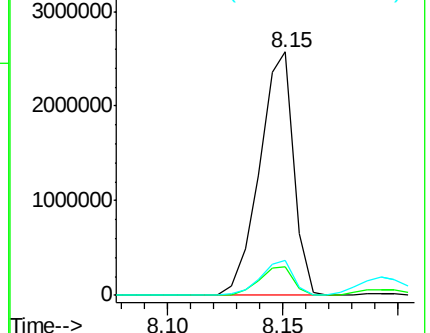
127 14.2 11.1 16.7



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: 47.312 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

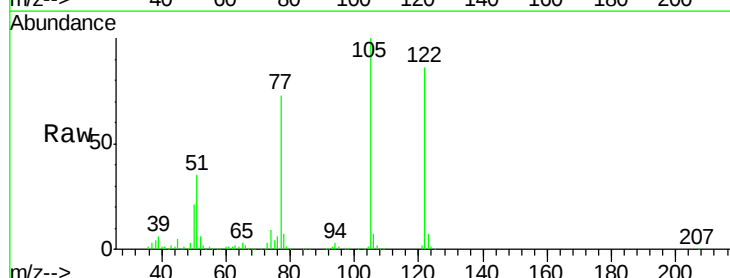
Tgt Ion:122 Resp: 525793

Ion Ratio Lower Upper

122 100

105 116.8 102.2 142.2

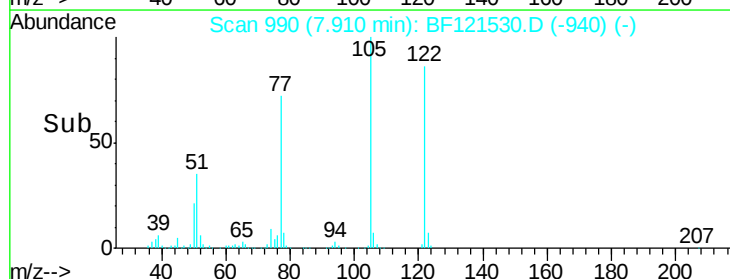
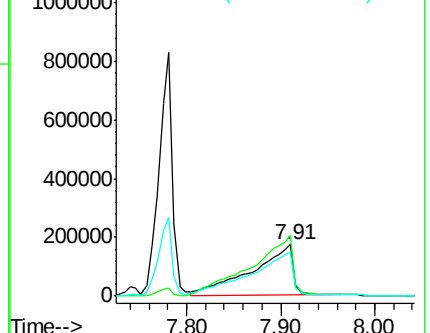
77 85.6 69.8 109.8

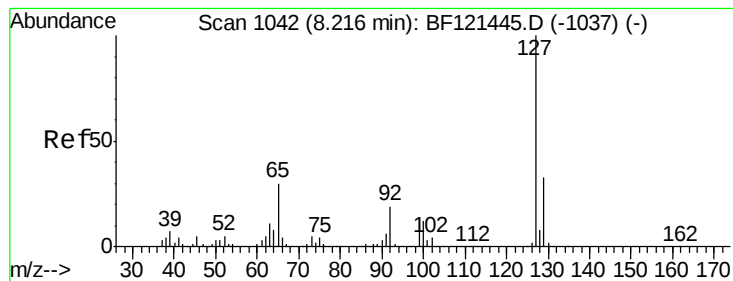


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.822 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:127 Resp: 314743

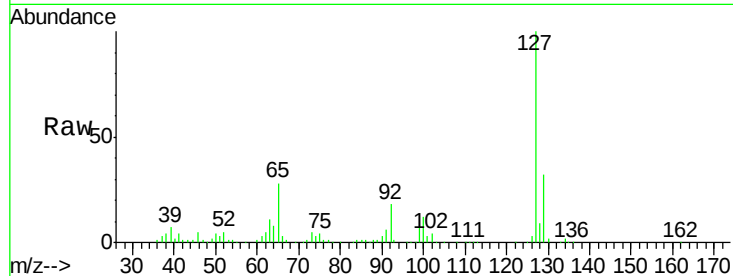
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 28.1 21.8 32.6

92 17.7 14.3 21.5

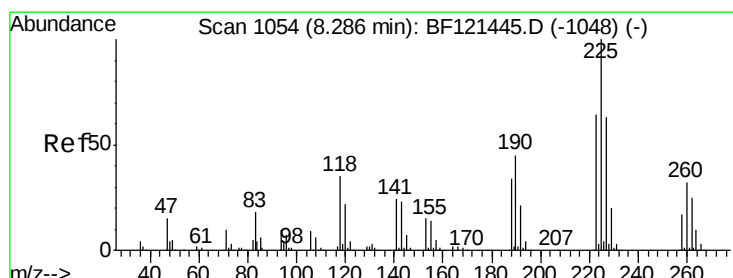
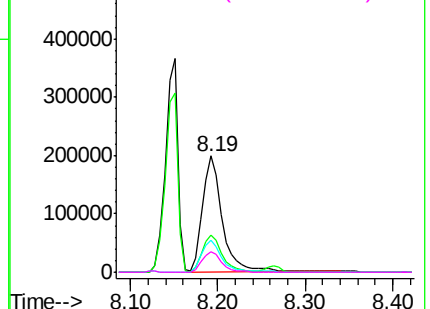
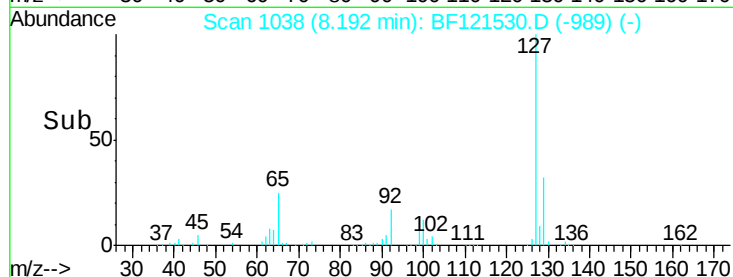


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.454 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

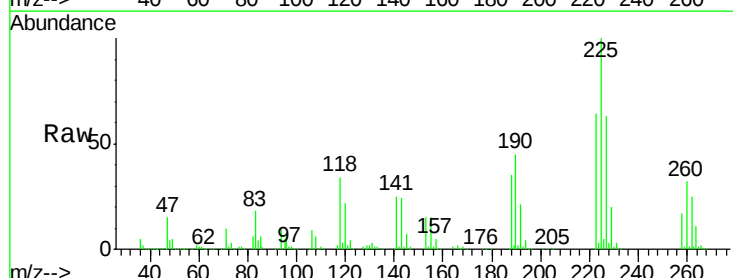
Tgt Ion:225 Resp: 496433

Ion Ratio Lower Upper

225 100

223 64.4 51.8 77.6

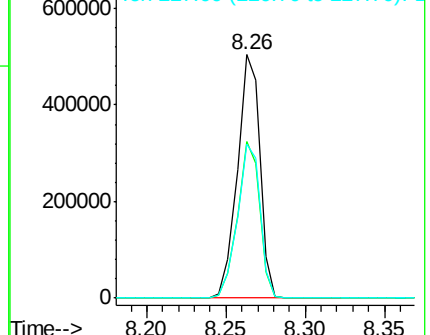
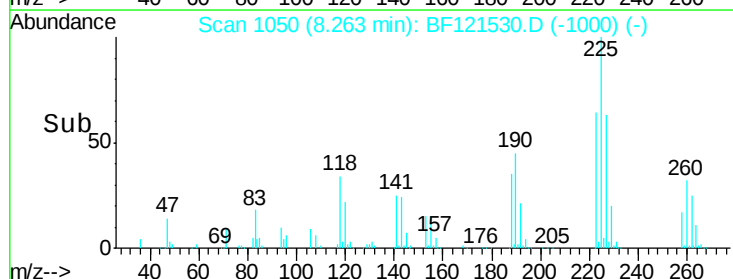
227 63.3 51.0 76.4

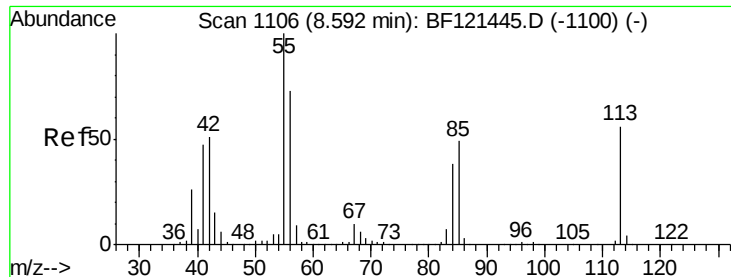


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

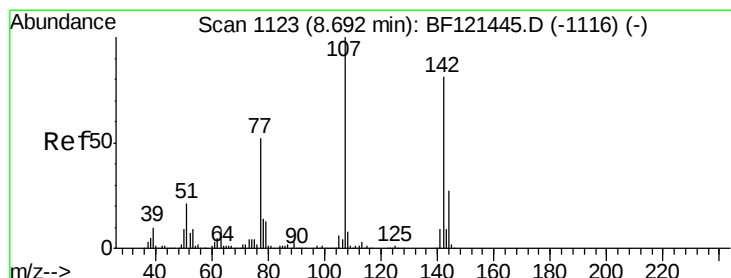
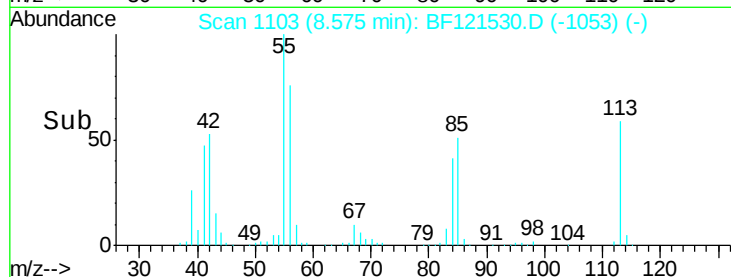
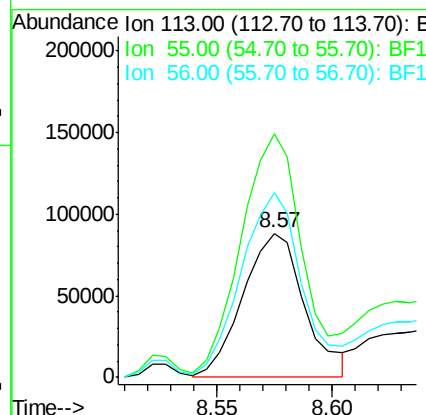
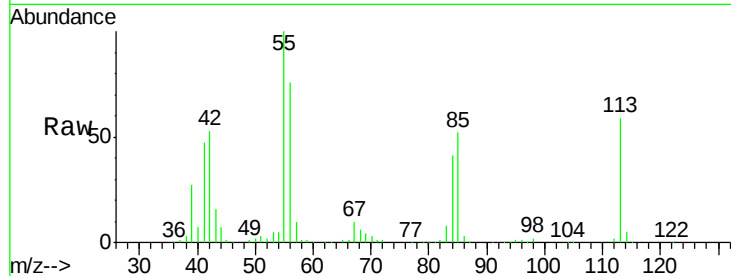




#35
 Caprolactam
 Concen: 28.135 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

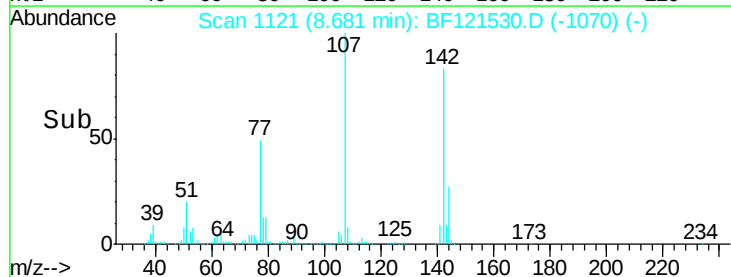
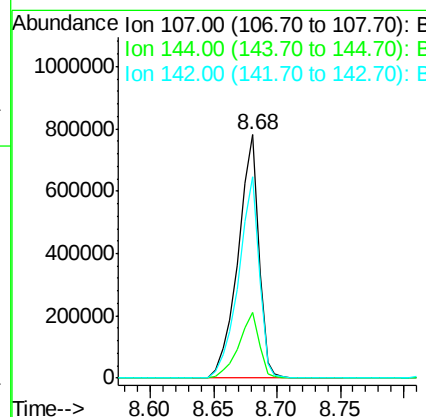
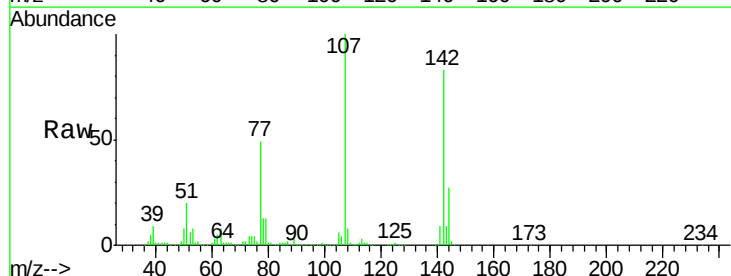
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

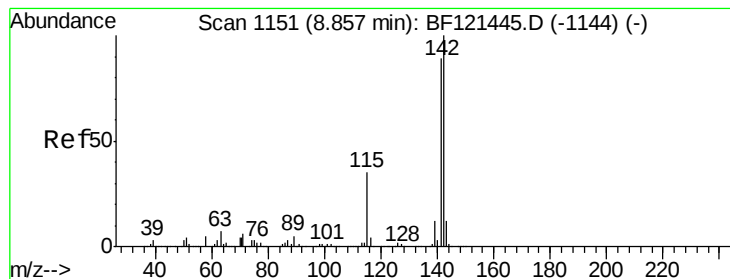
Tot Ion:113 Resp: 162610
 Ion Ratio Lower Upper
 113 100
 55 169.3 149.1 189.1
 56 128.7 104.4 144.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.141 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:107 Resp: 880781
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.3 31.9
 142 82.9 64.9 97.3





#37

2-Methylnaphthalene

Concen: 42.820 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

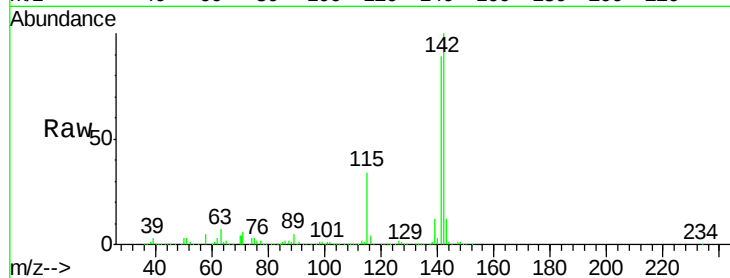
Tot Ion:142 Resp: 1852513

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9

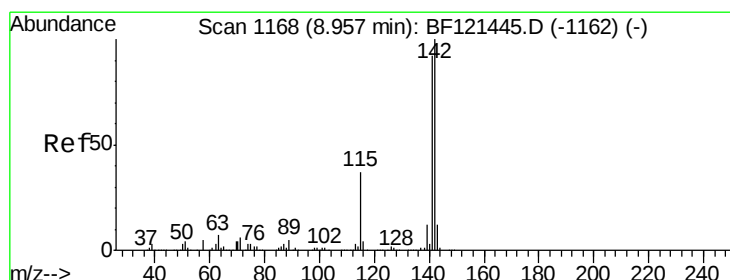
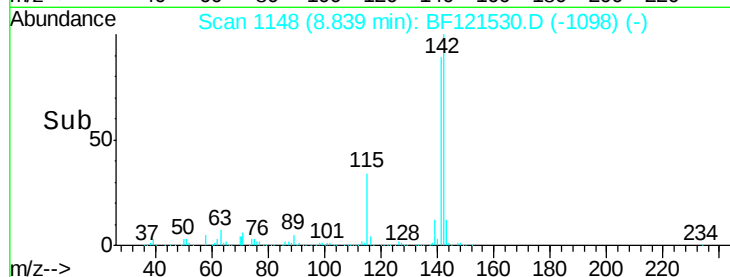
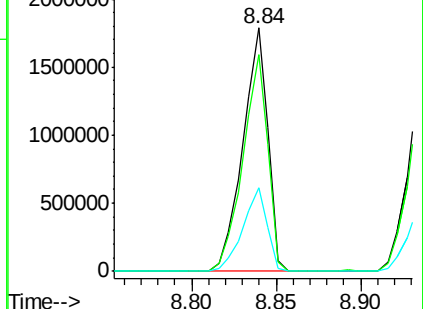
115 34.3 27.7 41.5



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: 42.112 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

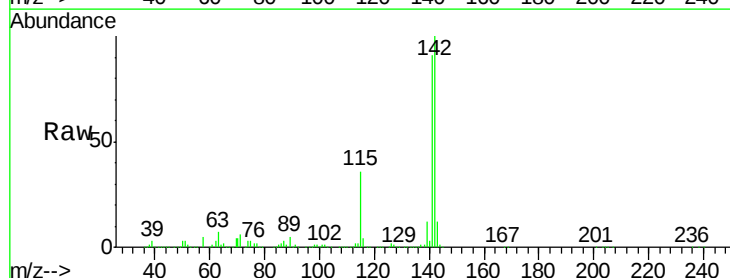
Tgt Ion:142 Resp: 1720353

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

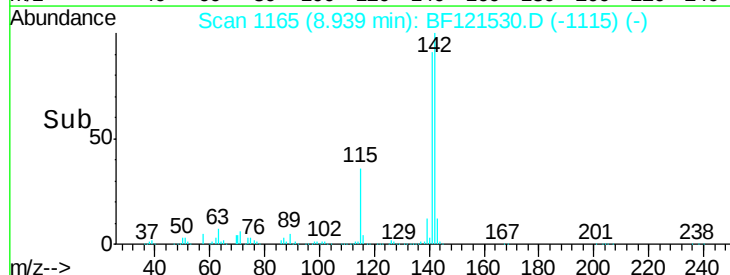
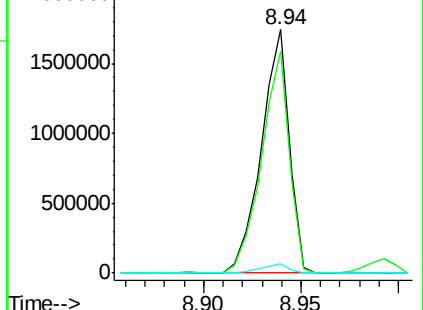
116 3.8 3.0 4.4

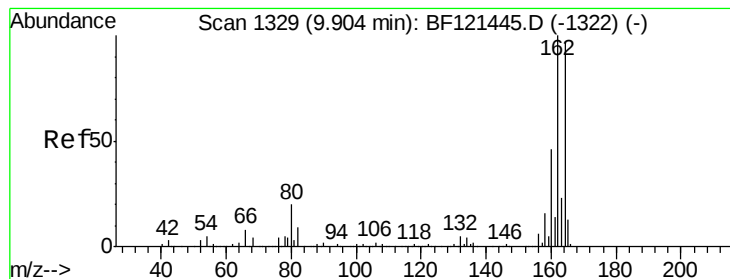


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

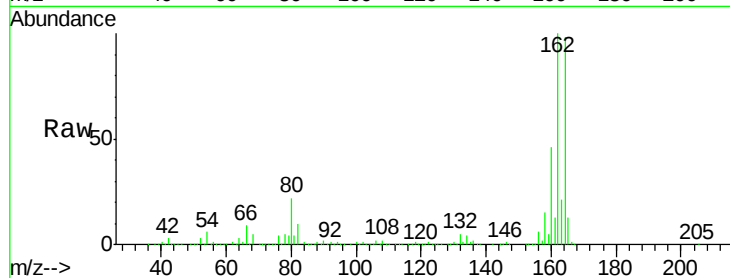
Tot Ion:164 Resp: 696561

Ion Ratio Lower Upper

164 100

162 101.9 80.5 120.7

160 46.4 36.2 54.4

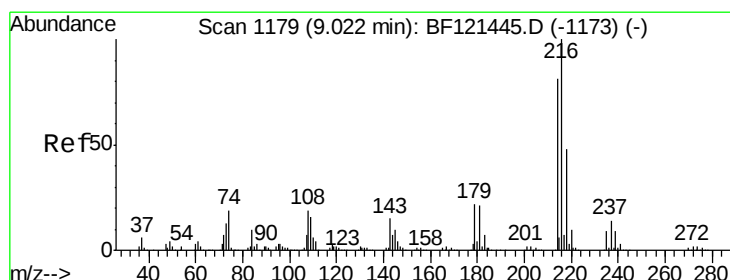
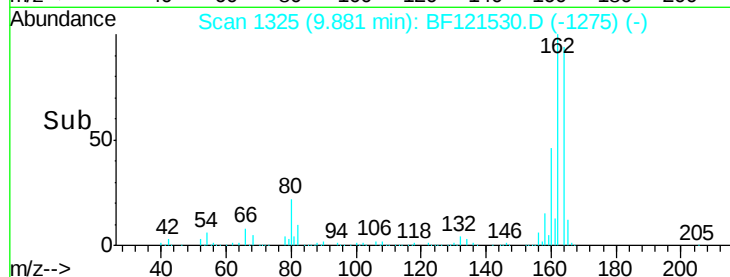
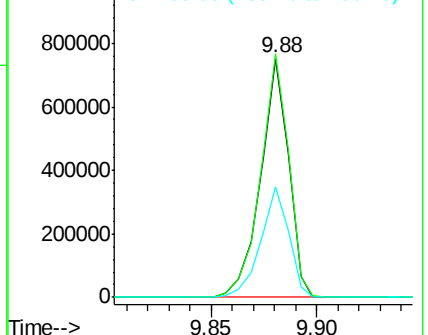


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.380 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:216 Resp: 854419

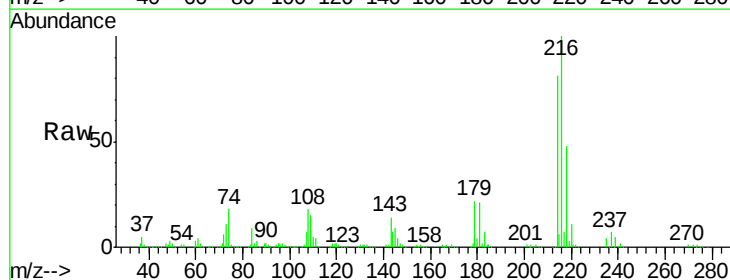
Ion Ratio Lower Upper

216 100

214 79.8 64.3 96.5

179 21.0 16.9 25.3

108 19.8 14.9 22.3



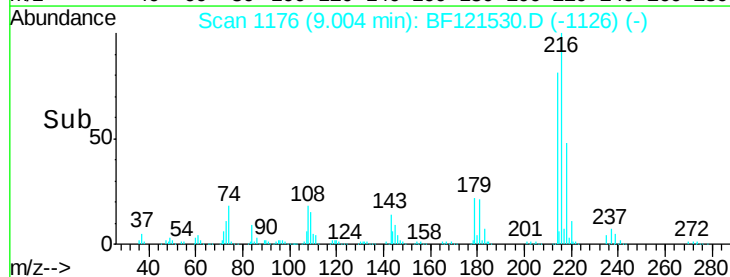
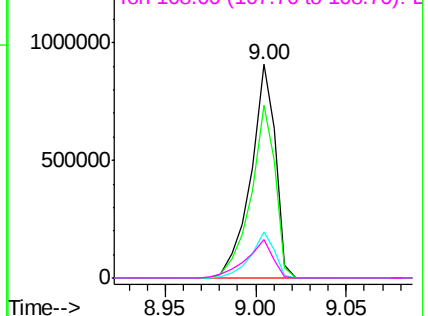
Abundance

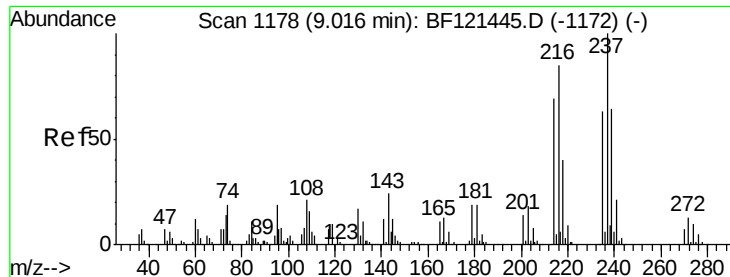
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.065 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

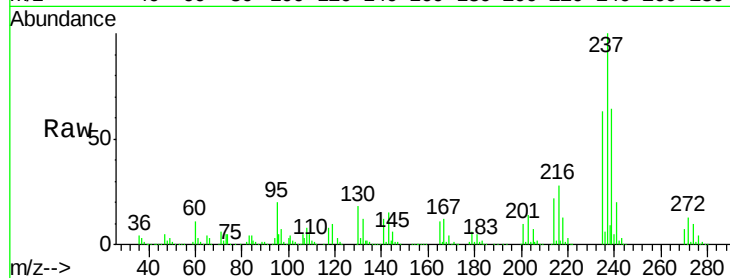
Tot Ion:237 Resp: 825454

Ion Ratio Lower Upper

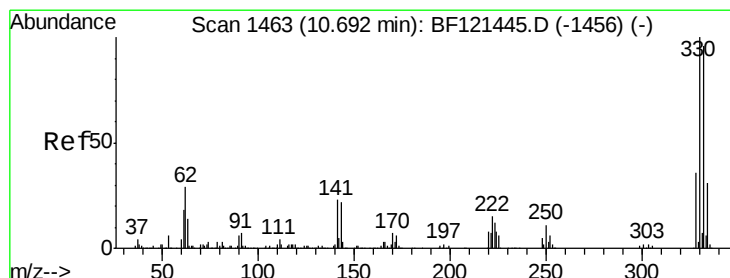
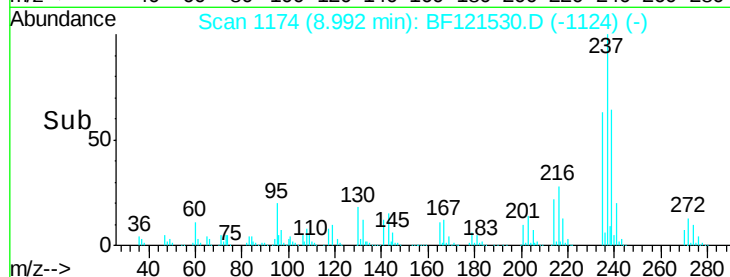
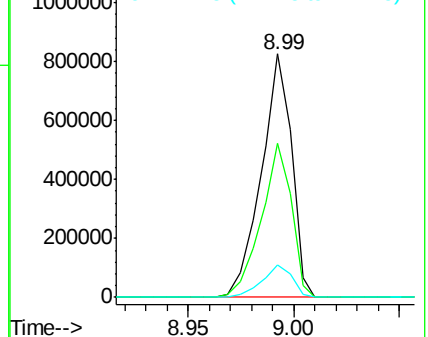
237 100

235 63.5 43.0 83.0

272 13.4 0.0 34.0



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: 138.247 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

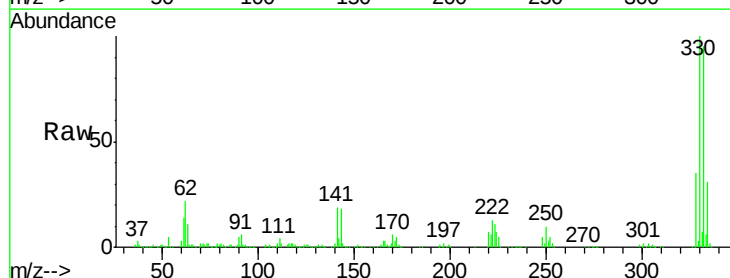
Tgt Ion:330 Resp: 972656

Ion Ratio Lower Upper

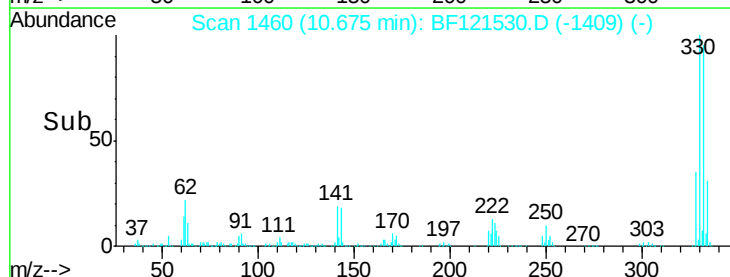
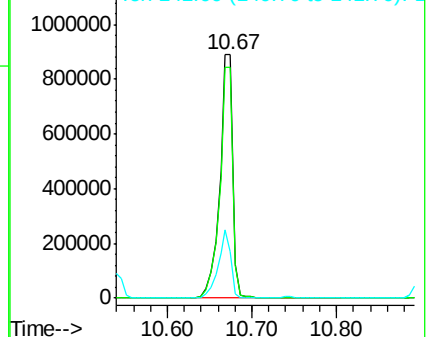
330 100

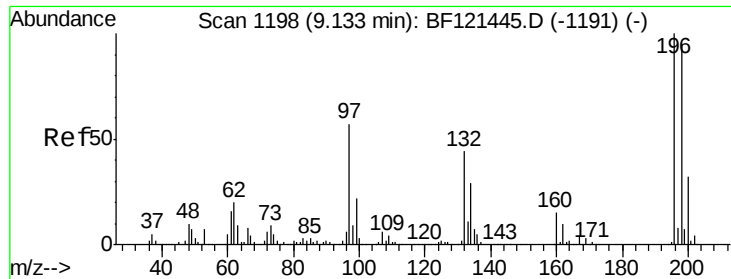
332 95.3 76.2 114.2

141 27.3 22.6 34.0



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

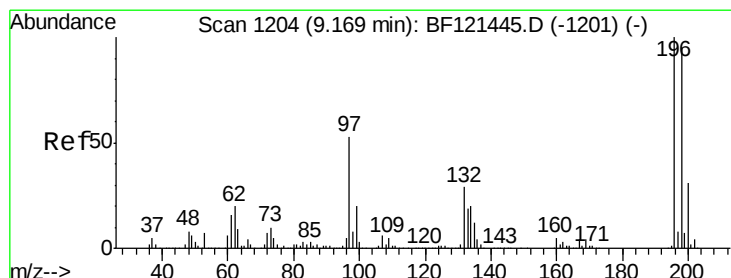
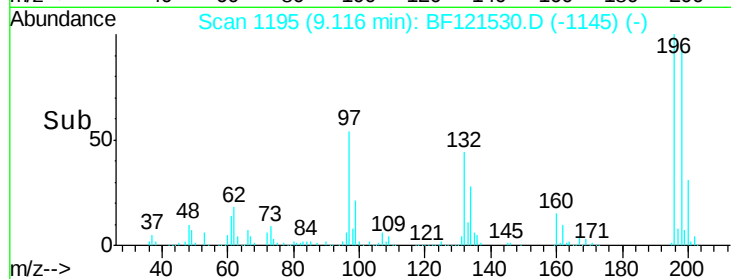
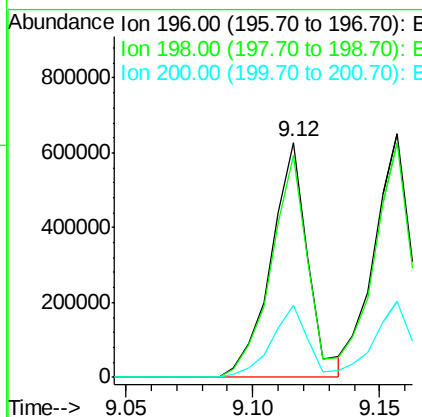
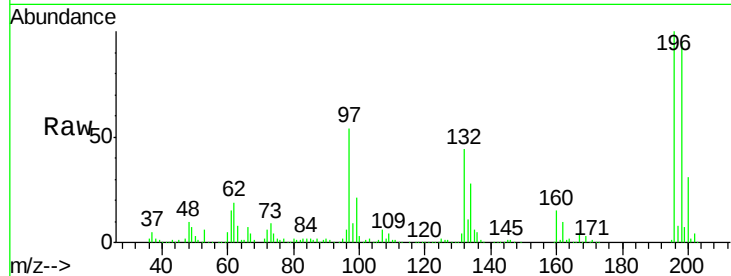




#43
 2,4,6-Trichlorophenol
 Concen: 48.886 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

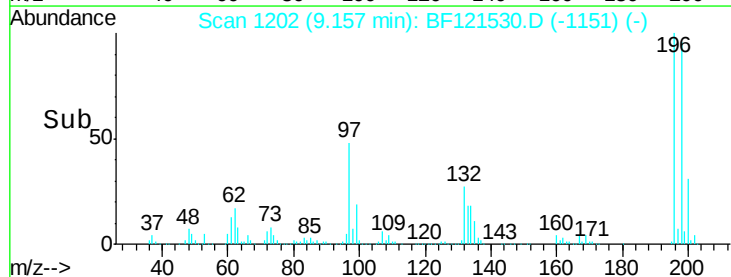
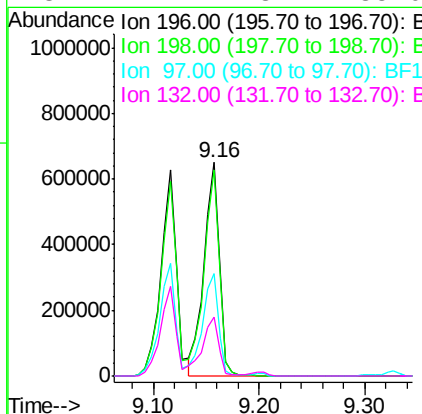
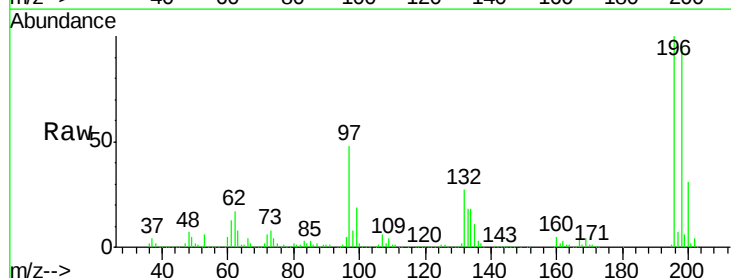
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

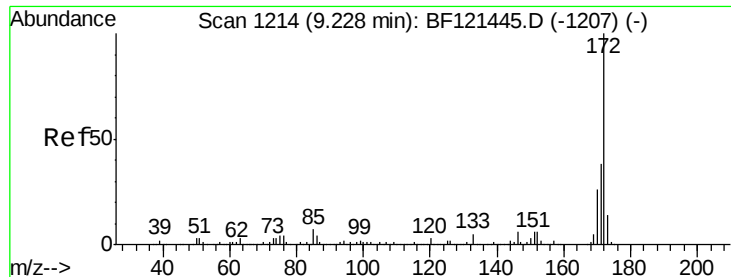
Tot Ion	196	Resp	638005
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.1	115.7
200	30.8	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 50.865 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	196	Resp	656432
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.5	113.3
97	47.8	42.2	63.4
132	27.4	23.4	35.0

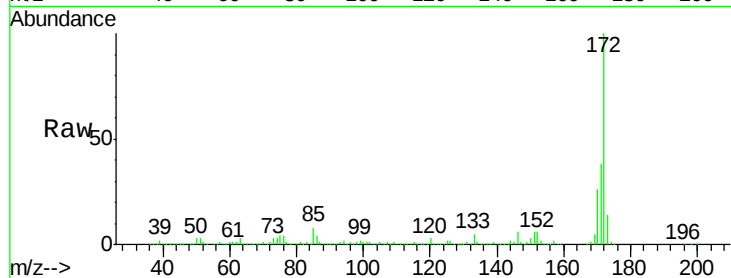




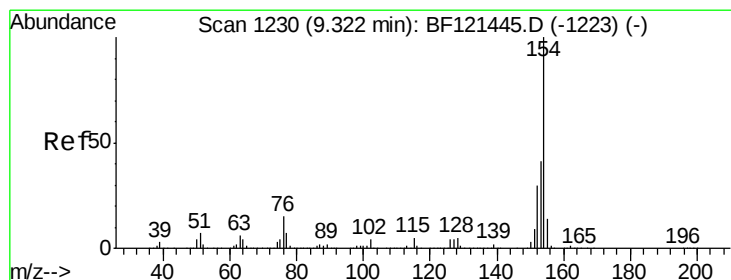
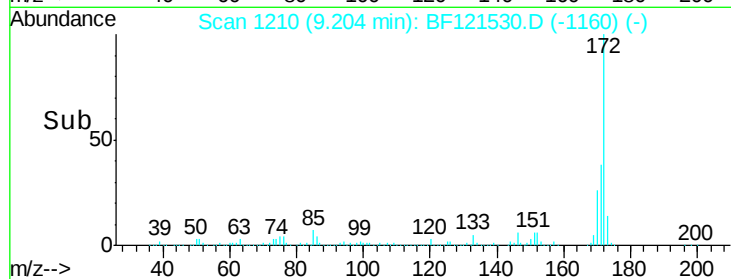
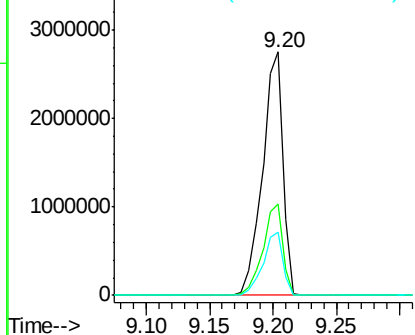
#45
 2-Fluorobiphenyl
 Concen: 71.884 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:172 Resp: 3103220
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.4 45.6
 170 26.0 20.7 31.1

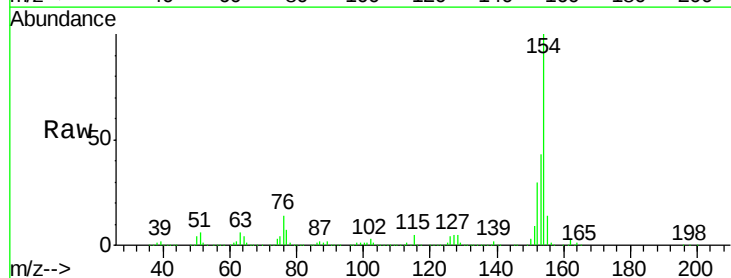


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

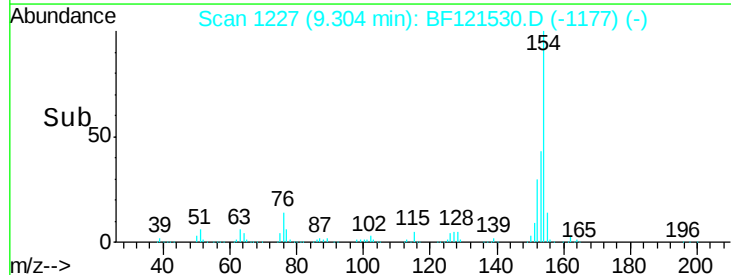
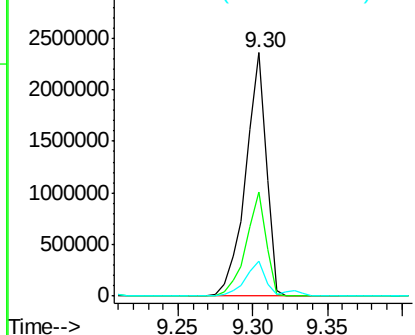


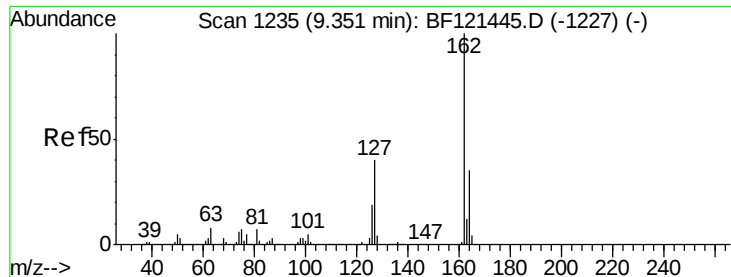
#46
 1,1'-Biphenyl
 Concen: 42.920 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:154 Resp: 2256013
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.1 62.1
 76 14.1 0.0 33.5



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

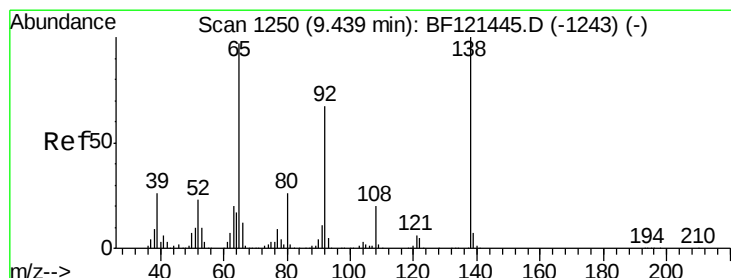
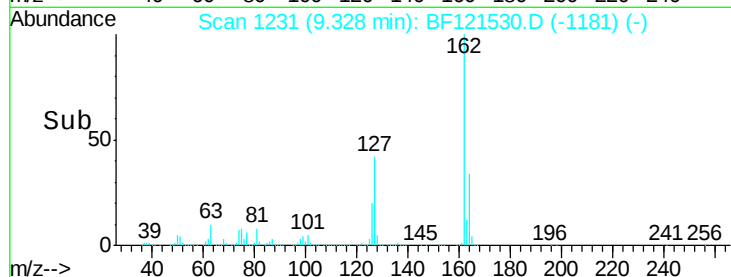
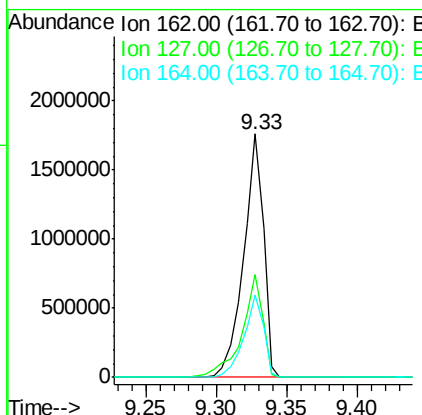
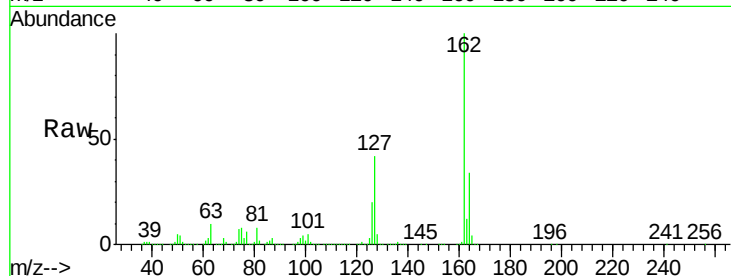




#47
 2-Chloronaphthalene
 Concen: 39.923 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

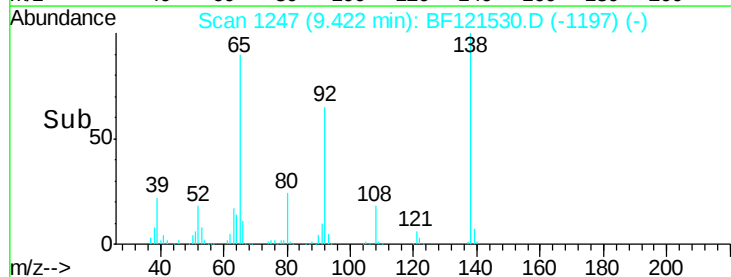
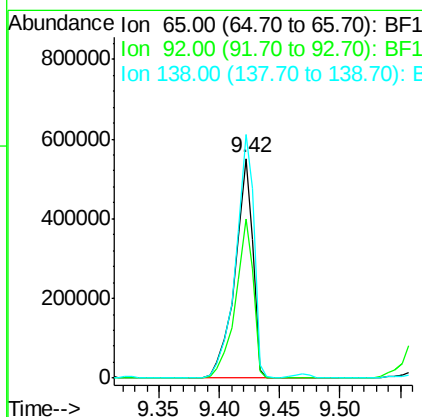
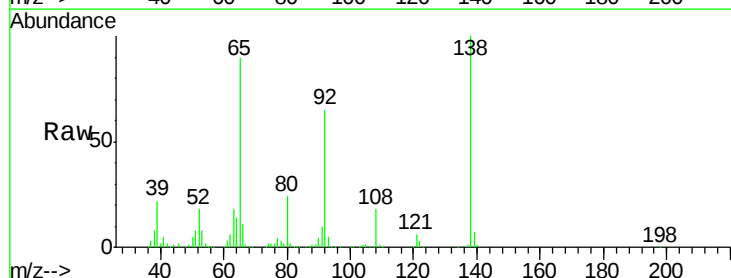
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

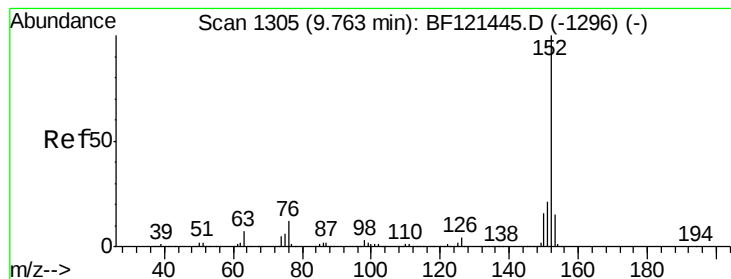
Tot Ion:162 Resp: 1724825
 Ion Ratio Lower Upper
 162 100
 127 42.3 34.0 51.0
 164 33.9 27.6 41.4



#48
 2-Nitroaniline
 Concen: 47.028 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion: 65 Resp: 568380
 Ion Ratio Lower Upper
 65 100
 92 72.1 58.6 87.8
 138 110.7 88.6 133.0





#49

Acenaphthylene

Concen: 43.139 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

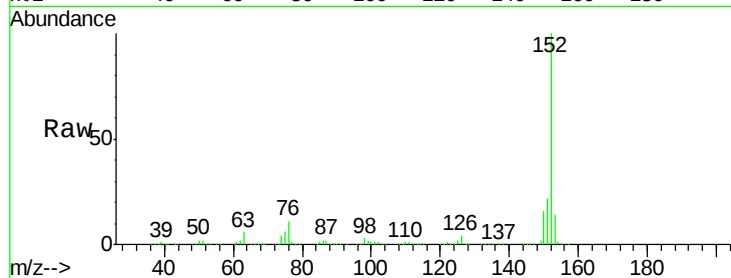
Tot Ion:152 Resp: 2795613

Ion Ratio Lower Upper

152 100

151 22.0 17.3 25.9

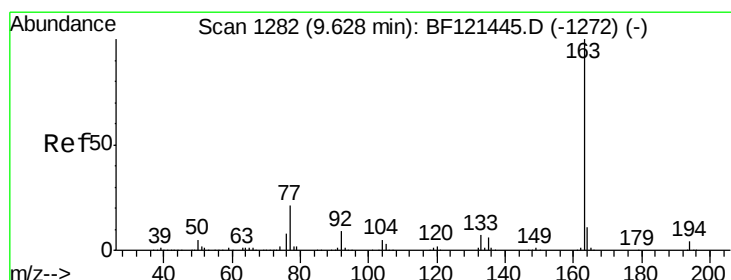
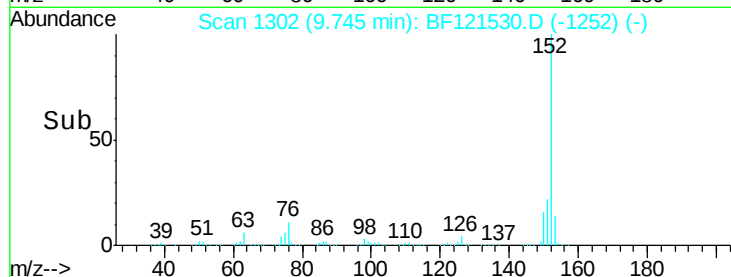
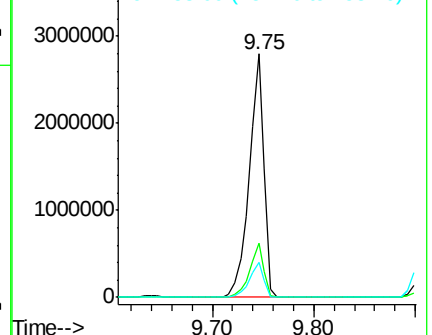
153 14.4 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.534 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

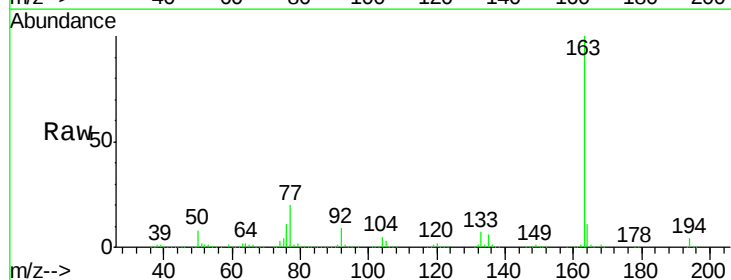
Tgt Ion:163 Resp: 2178662

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

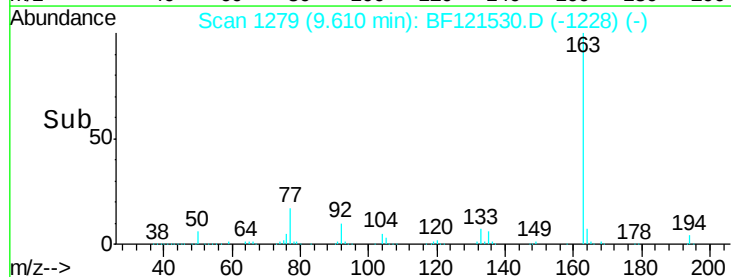
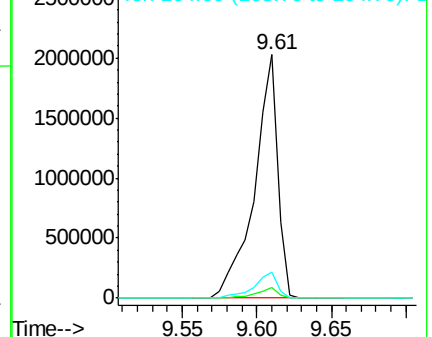
164 10.6 8.6 13.0

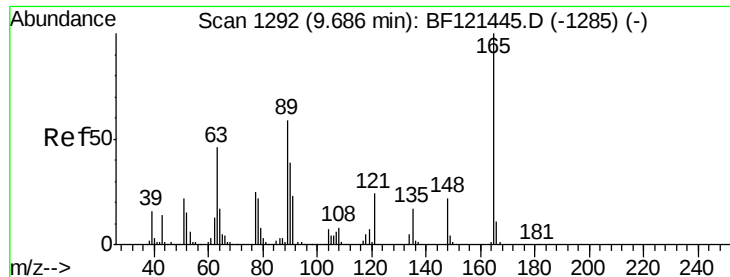


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

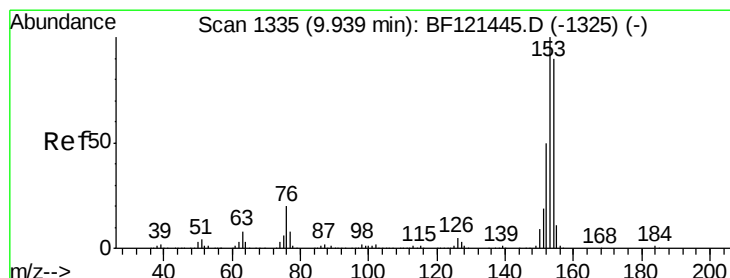
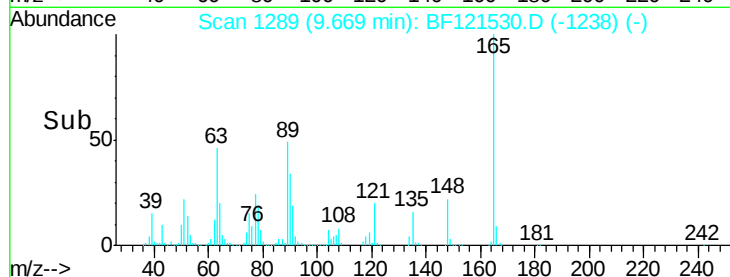
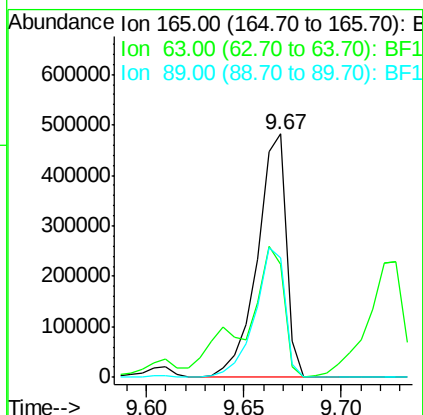
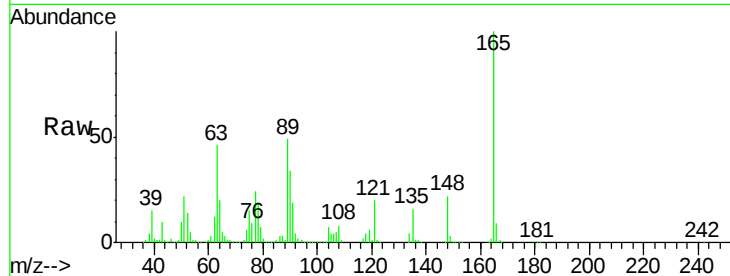




#51
 2,6-Dinitrotoluene
 Concen: 54.492 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

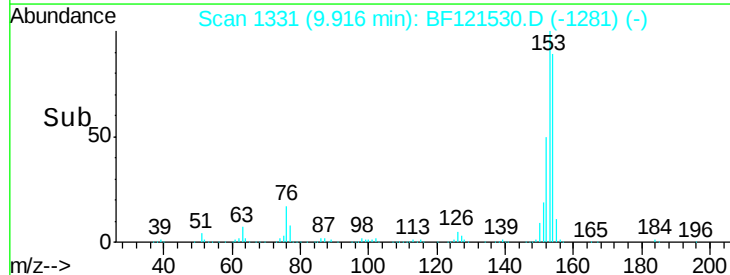
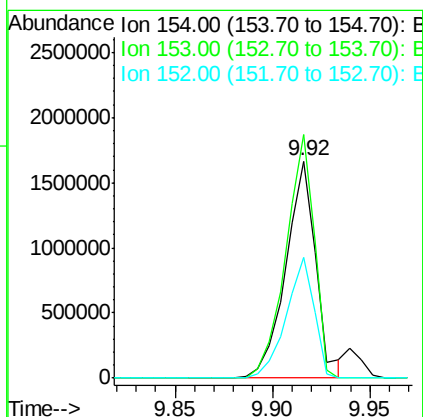
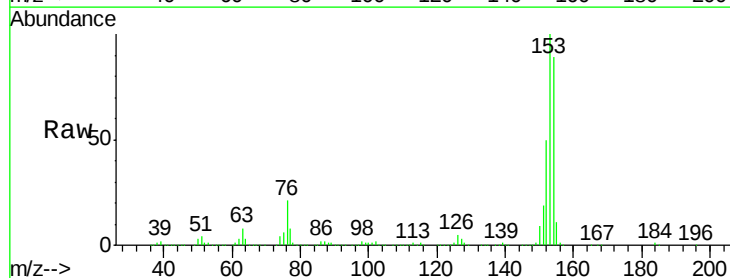
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

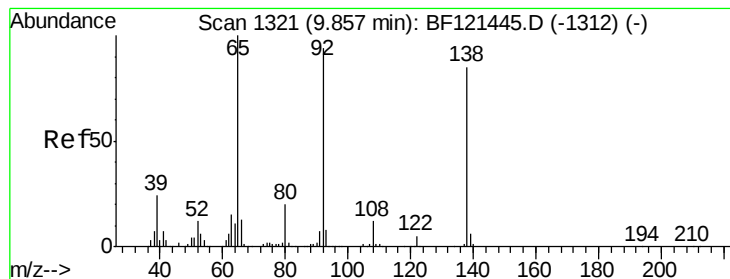
Tot Ion:165 Resp: 497644
 Ion Ratio Lower Upper
 165 100
 63 46.5 47.4 71.0#
 89 49.1 47.9 71.9



#52
 Acenaphthene
 Concen: 43.144 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:154 Resp: 1765446
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.9 134.9
 152 55.8 44.6 66.8





#53

3-Nitroaniline

Concen: 23.848 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

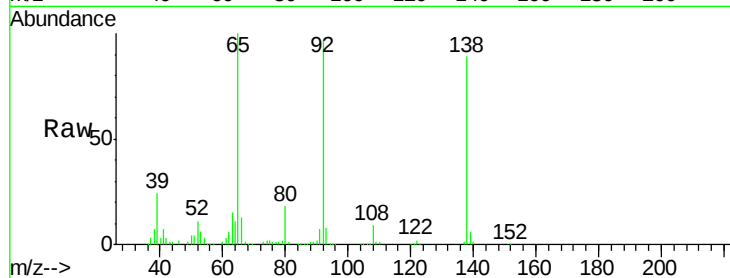
Tot Ion:138 Resp: 237111

Ion Ratio Lower Upper

138 100

108 10.0 8.7 13.1

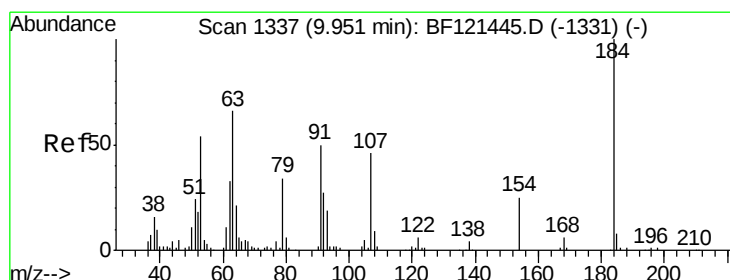
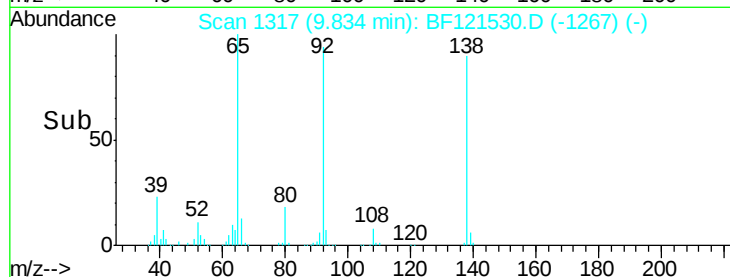
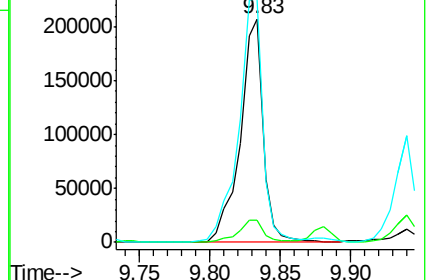
92 109.0 91.1 136.7



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: 86.792 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

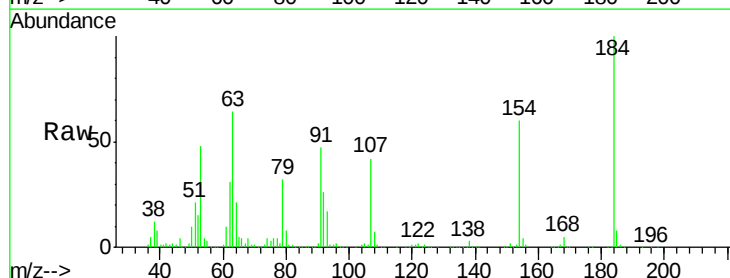
Tgt Ion:184 Resp: 388354

Ion Ratio Lower Upper

184 100

63 63.7 41.8 62.8#

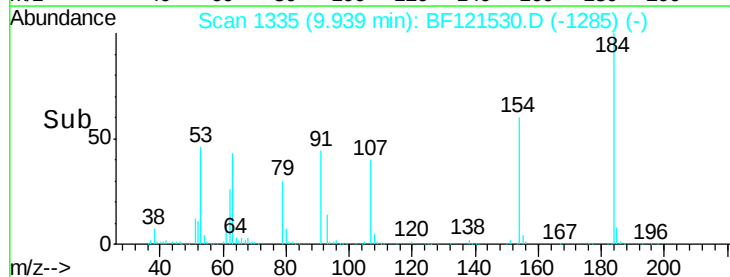
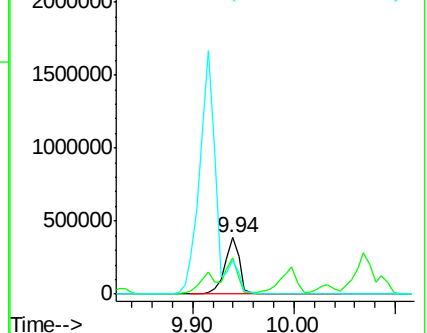
154 59.7 45.5 68.3

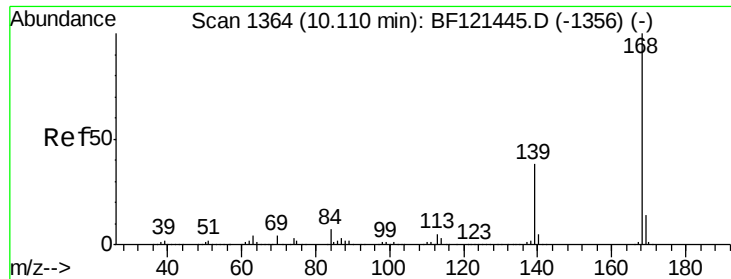


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

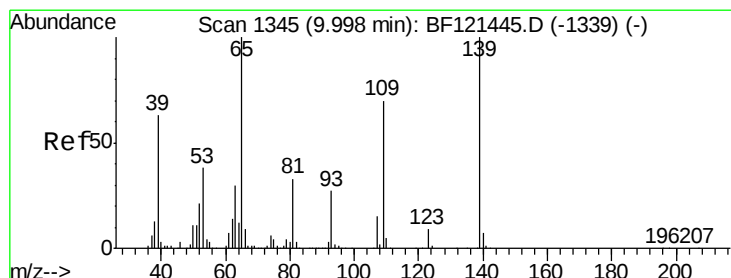
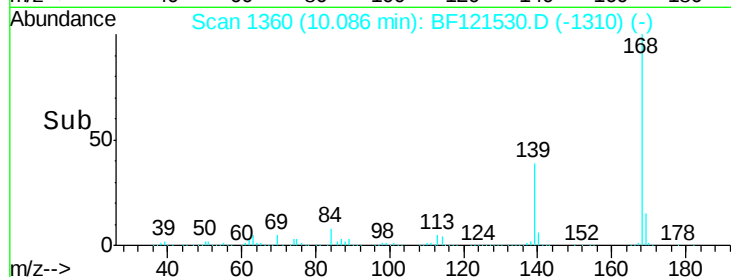
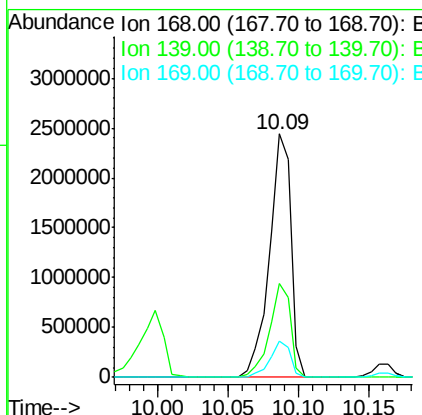
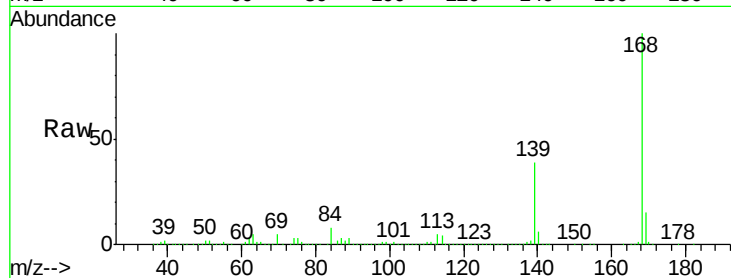




#55
Dibenzofuran
Concen: 44.042 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

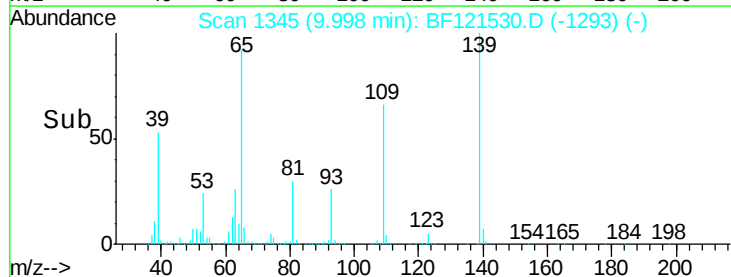
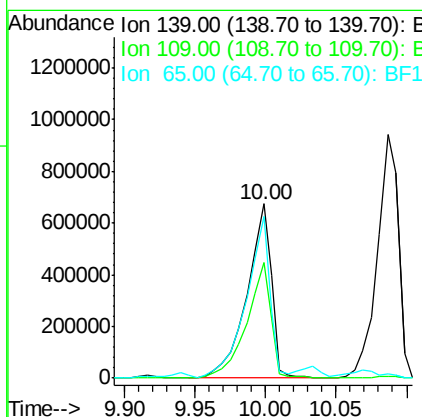
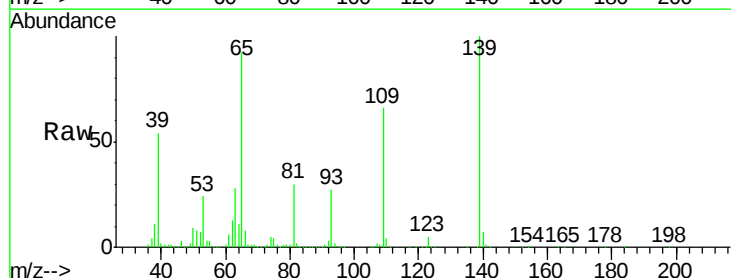
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

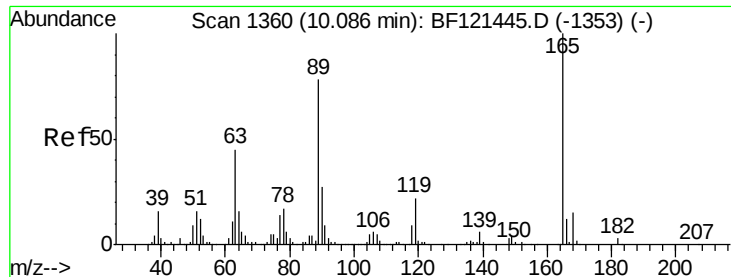
Tot Ion:168 Resp: 2617884
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 14.7 11.5 17.3



#56
4-Nitrophenol
Concen: 87.872 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:139 Resp: 819711
Ion Ratio Lower Upper
139 100
109 66.2 44.3 84.3
65 92.5 70.2 110.2

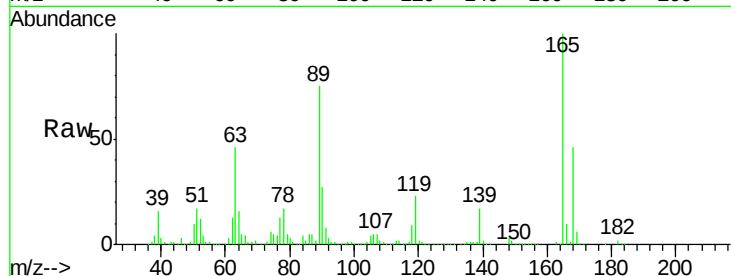




#57
2,4-Dinitrotoluene
Concen: 58.677 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion:	165	Resp:	668802
Ion	Ratio	Lower	Upper
165	100		
63	46.4	33.6	50.4
89	74.6	56.4	84.6
182	2.5	2.2	3.4

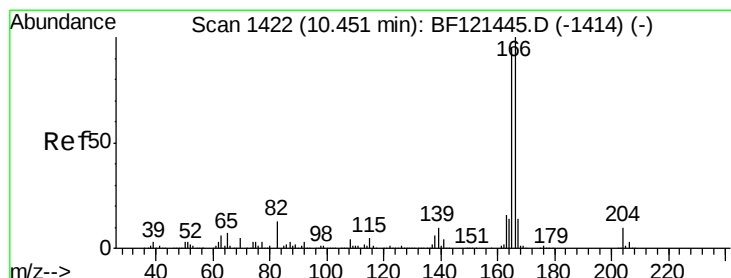
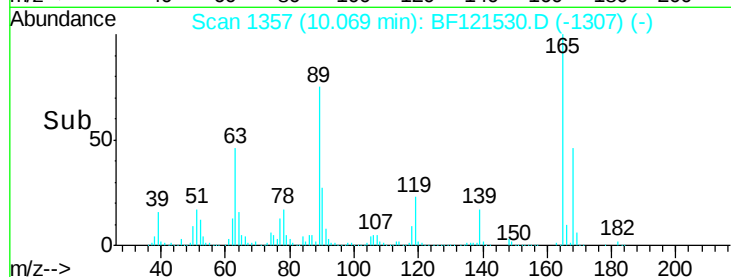
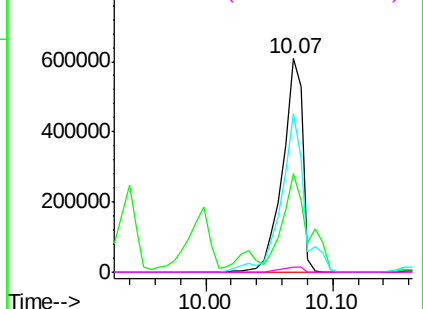


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

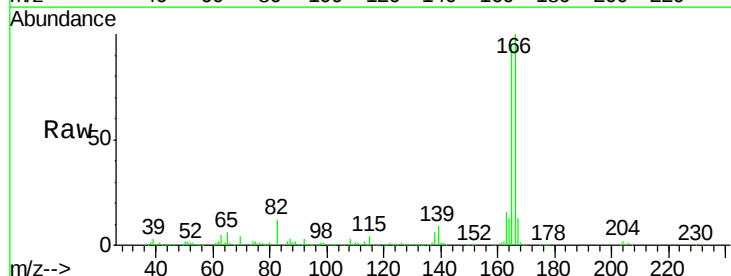
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.843 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

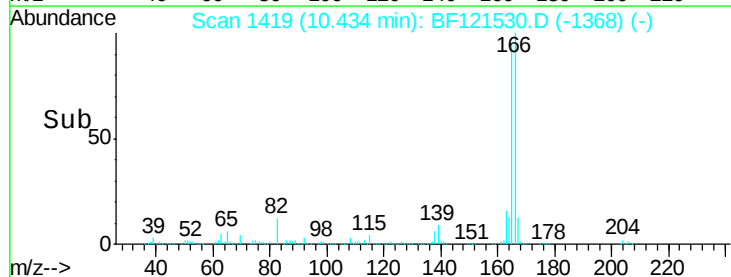
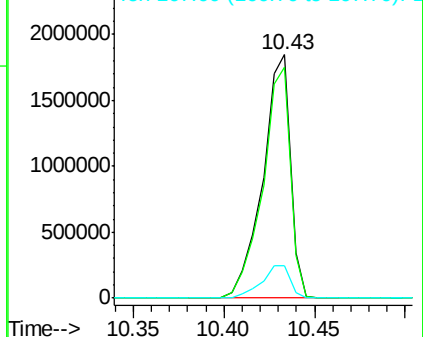
Tgt Ion:	166	Resp:	1964587
Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.3	112.9
167	13.5	11.1	16.7



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

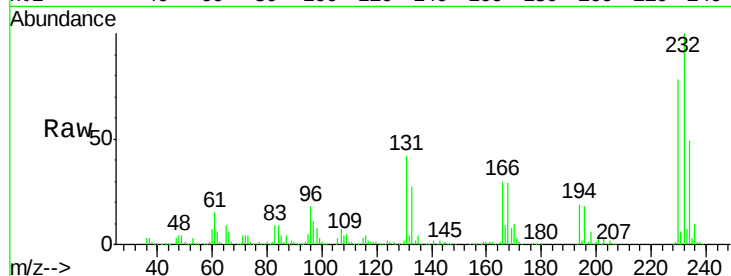




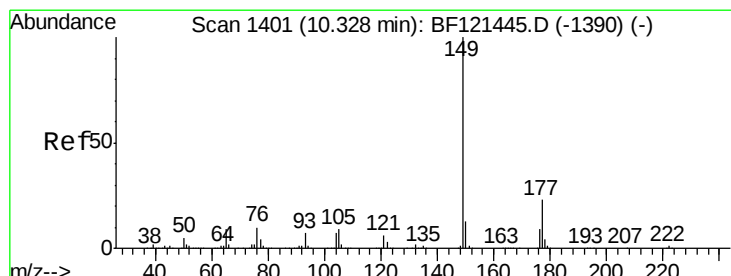
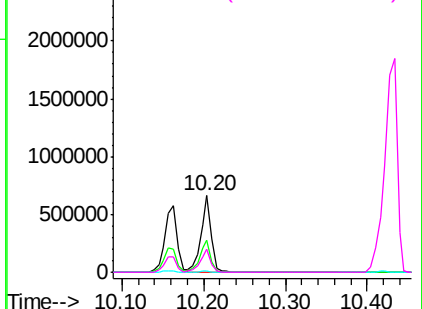
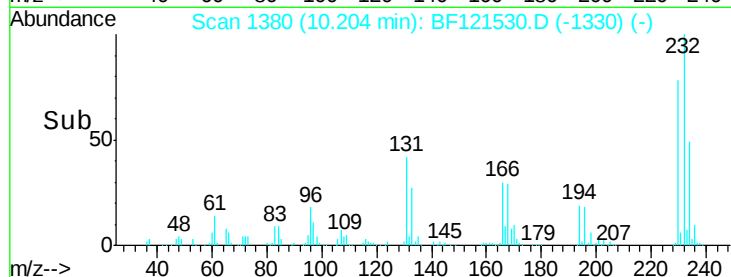
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.198 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:	232	Resp:	582335
Ion	Ratio	Lower	Upper
232	100		
131	43.7	34.4	51.6
130	2.1	1.8	2.6
166	29.8	23.8	35.6

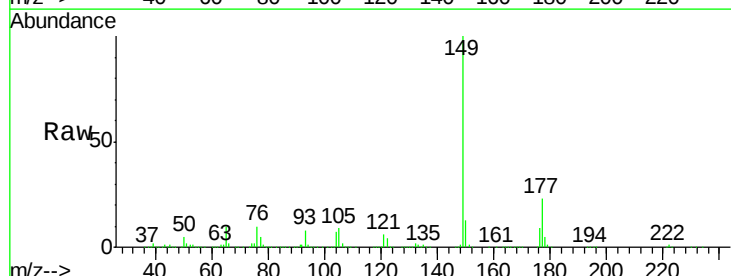


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

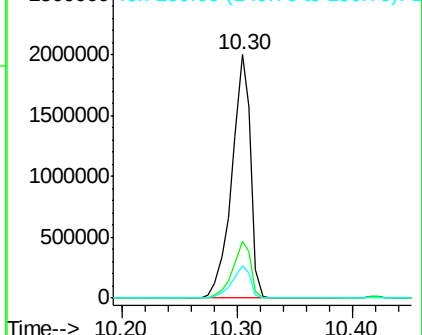
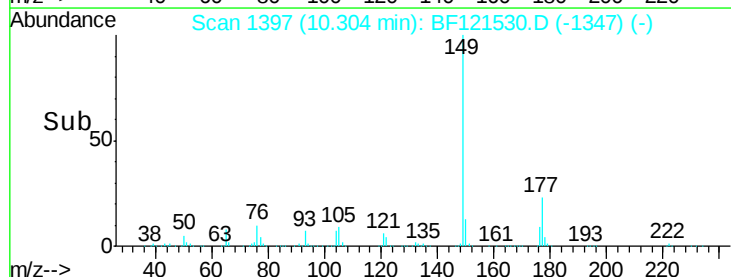


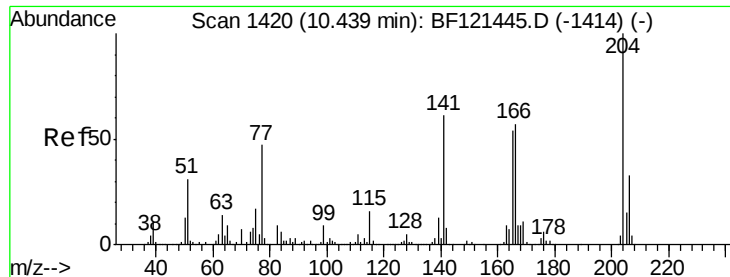
#60
 Diethylphthalate
 Concen: 46.186 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:	149	Resp:	2220189
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.4
150	13.3	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

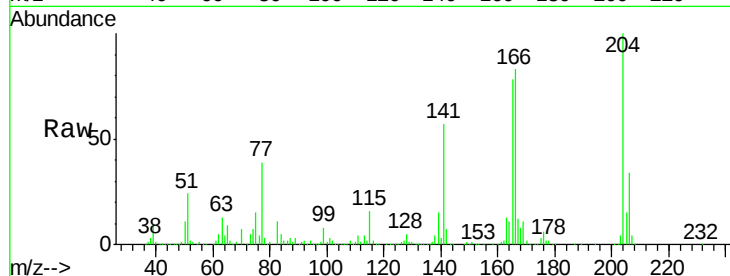




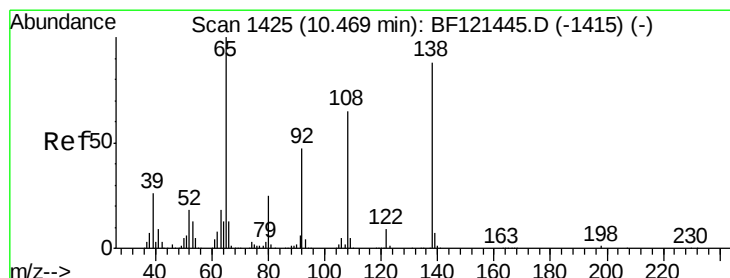
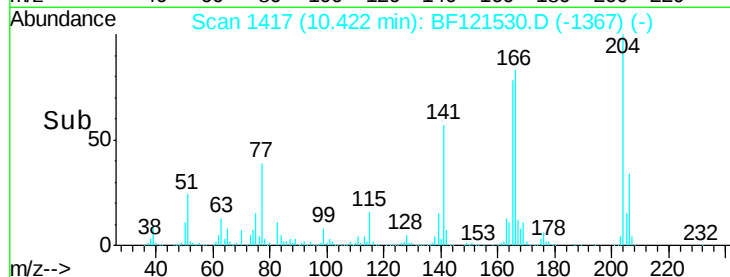
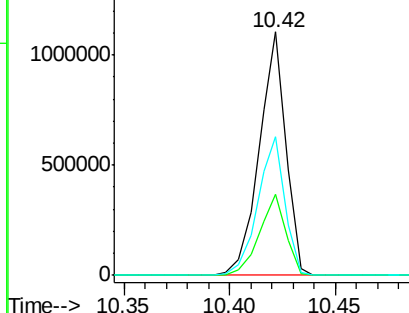
#61
4-Chlorophenyl-phenylether
Concen: 43.031 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion:204 Resp: 966103
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 57.1 44.4 66.6

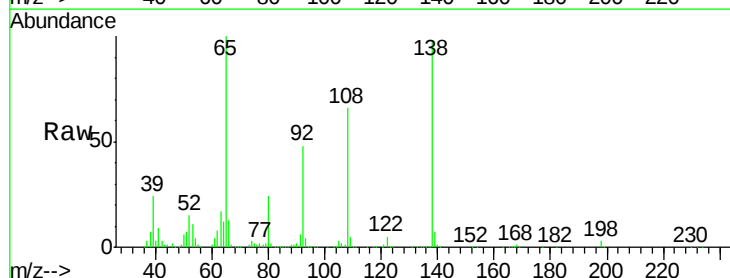


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

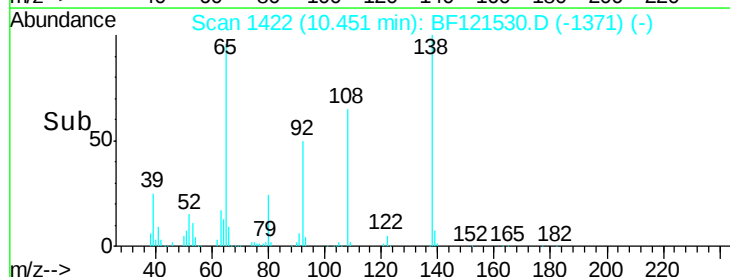
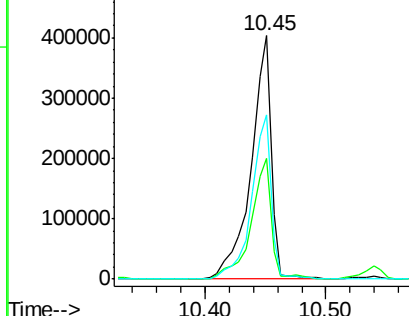


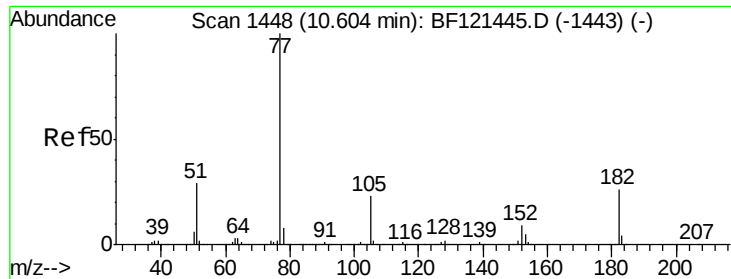
#62
4-Nitroaniline
Concen: 41.329 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:138 Resp: 475078
Ion Ratio Lower Upper
138 100
92 49.7 32.2 72.2
108 67.7 49.1 89.1



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



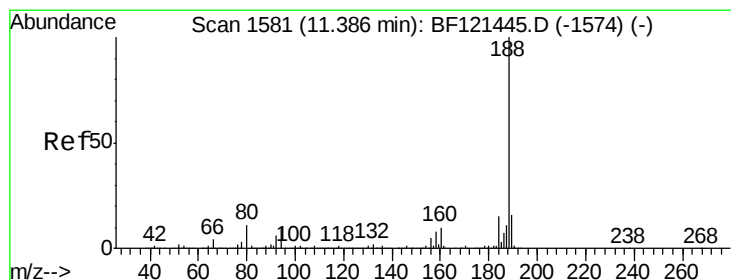
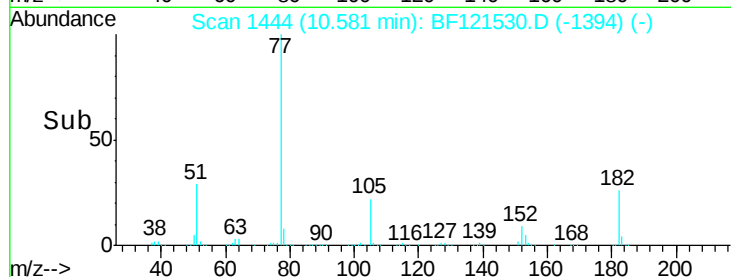
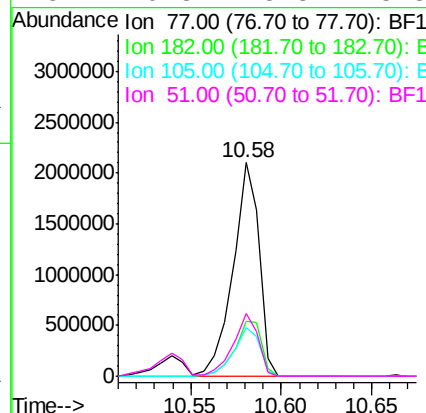
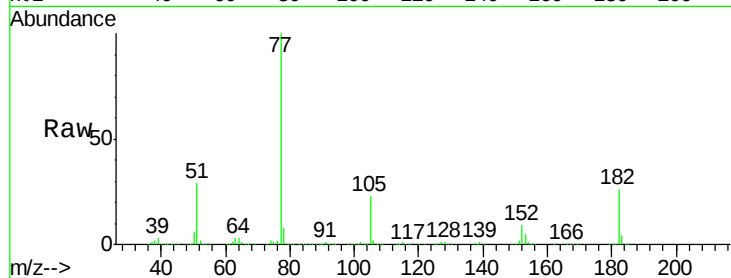


#63
 Azobenzene
 Concen: 43.978 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion: 77 Resp: 2090628

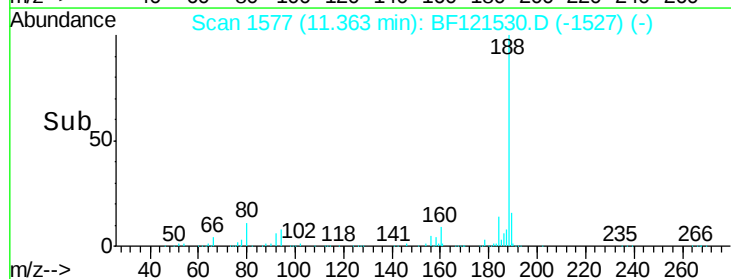
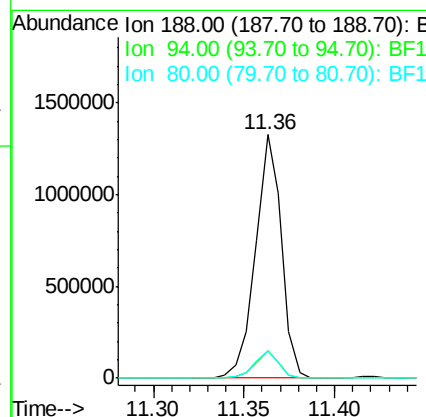
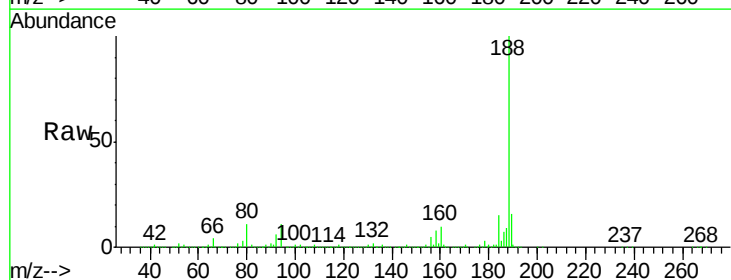
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.8	46.8
105	22.9	3.0	43.0
51	29.3	8.3	48.3

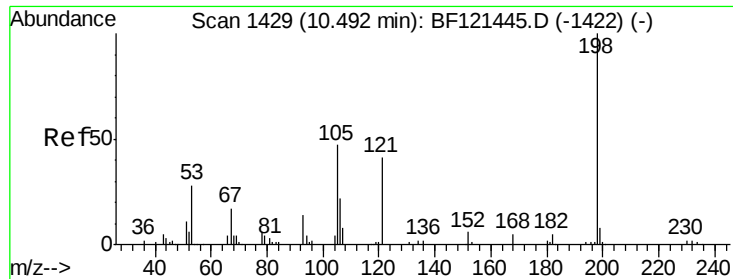


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion: 188 Resp: 1310301

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	11.3	9.1	13.7





#65

4,6-Dinitro-2-methylphenol

Concen: 64.117 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

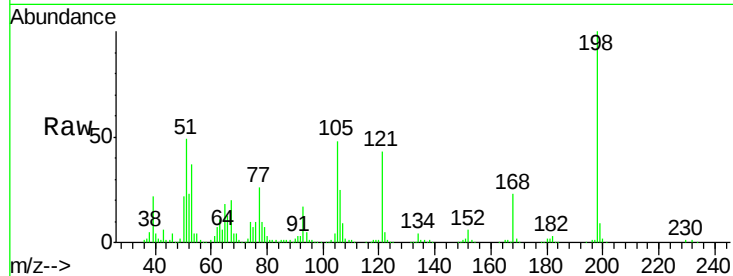
Tot Ion:198 Resp: 296685

Ion Ratio Lower Upper

198 100

51 49.1 24.9 64.9

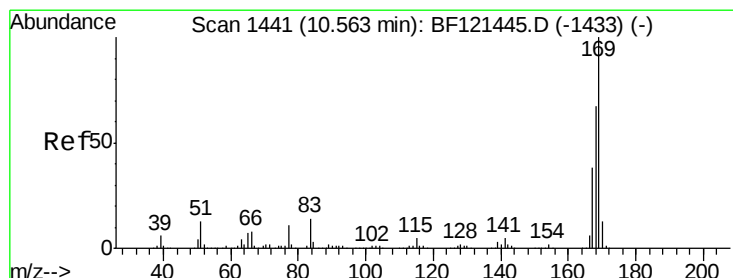
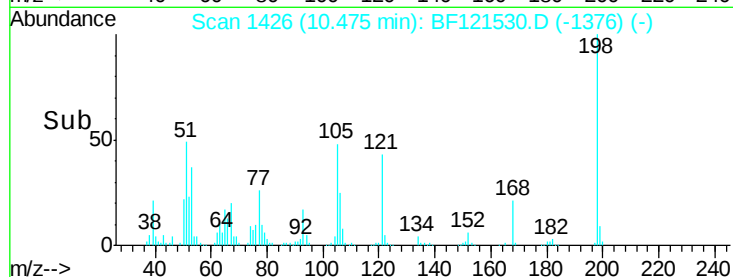
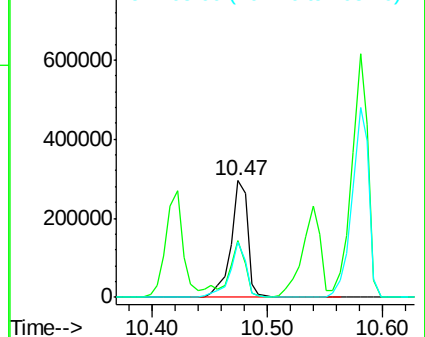
105 48.1 25.8 65.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.681 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

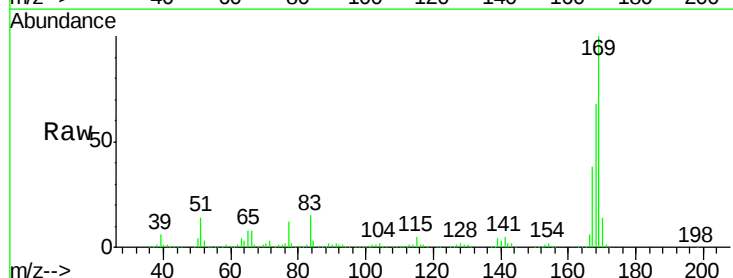
Tgt Ion:169 Resp: 1893092

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.8

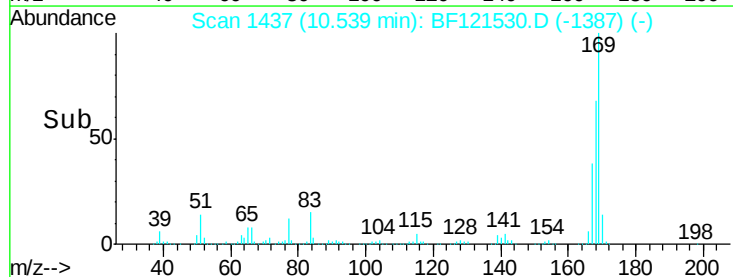
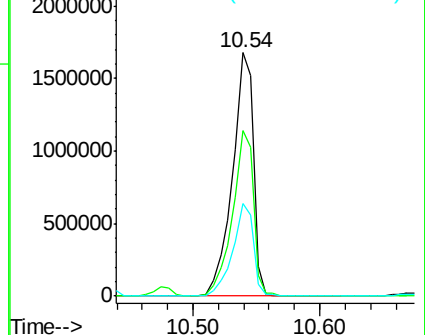
167 38.1 29.8 44.8

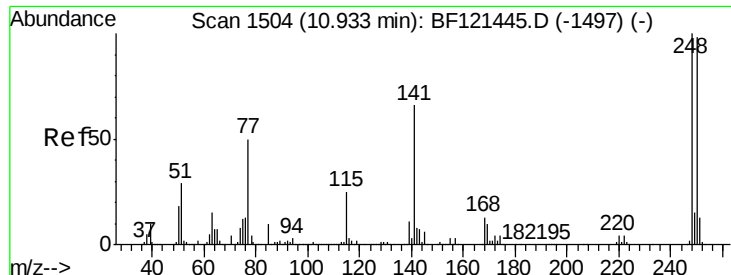


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

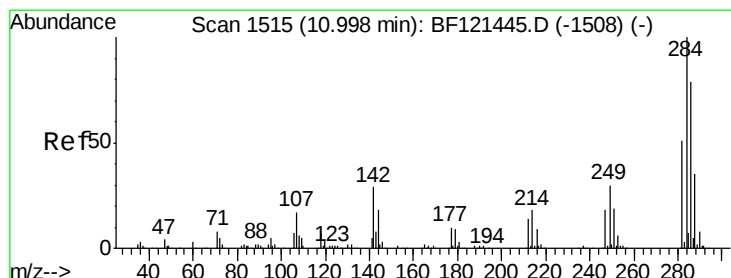
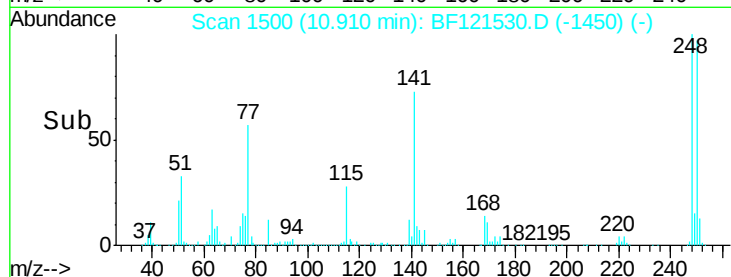
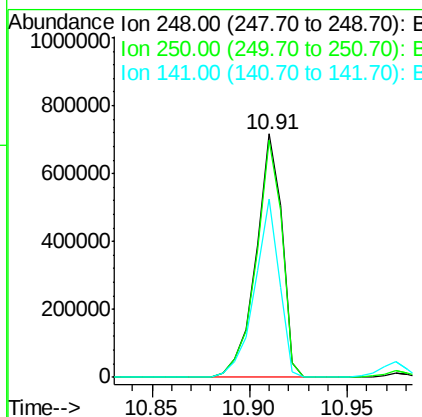
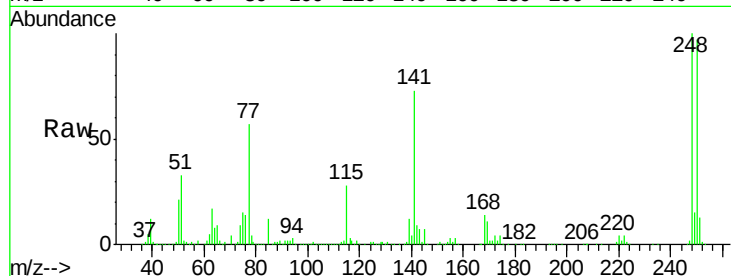




#67
 4-Bromophenyl-phenylether
 Concen: 45.603 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

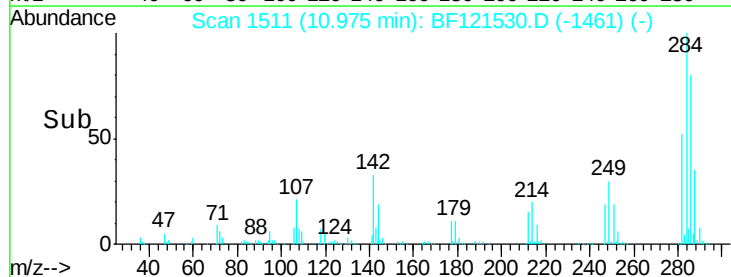
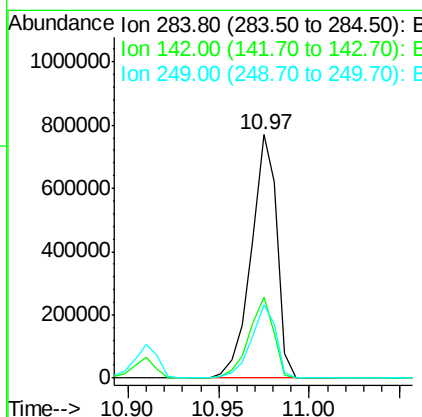
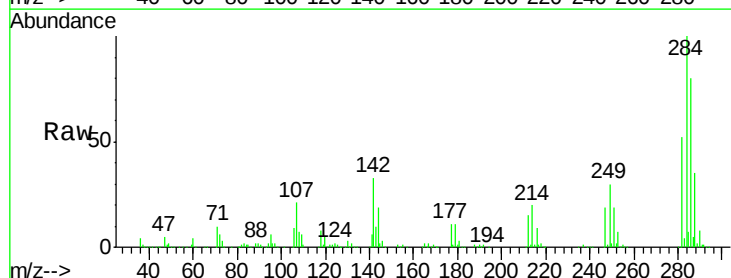
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

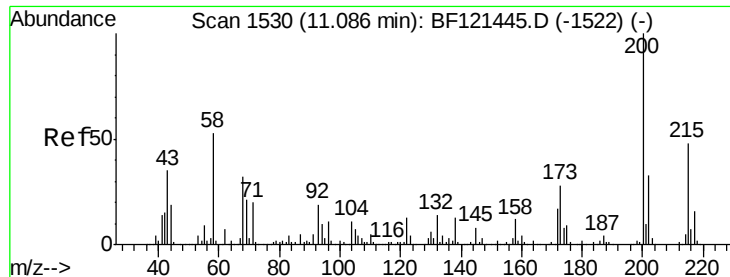
Tot Ion:248 Resp: 657352
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.8 116.6
 141 73.1 56.4 84.6



#68
 Hexachlorobenzene
 Concen: 44.858 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:284 Resp: 756116
 Ion Ratio Lower Upper
 284 100
 142 33.3 26.1 39.1
 249 30.3 24.2 36.4

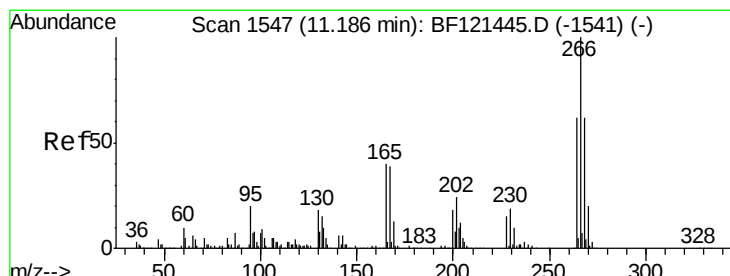
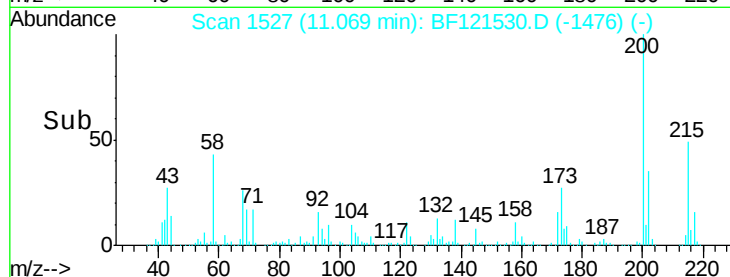
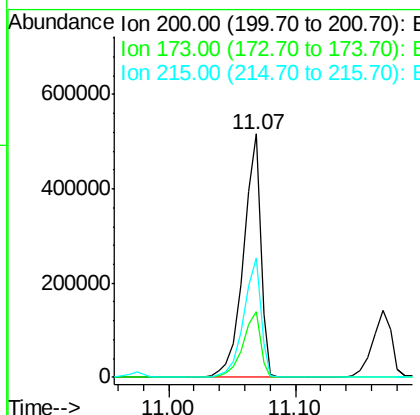
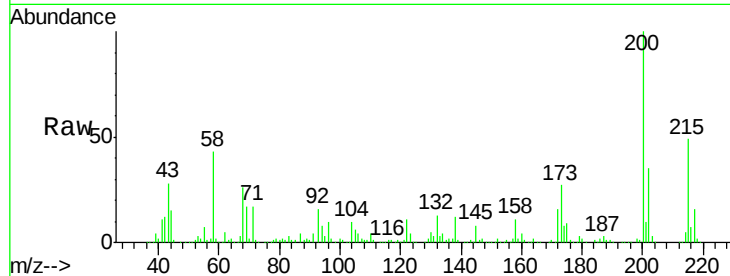




#69
 Atrazine
 Concen: 40.319 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

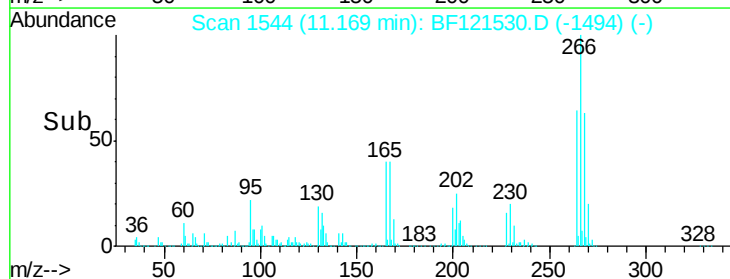
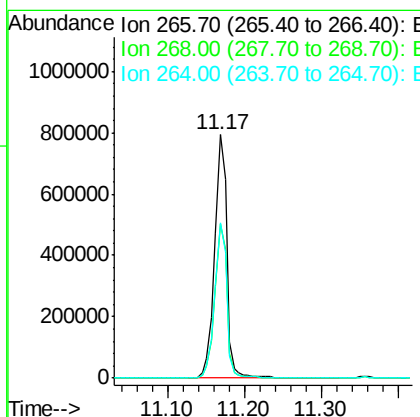
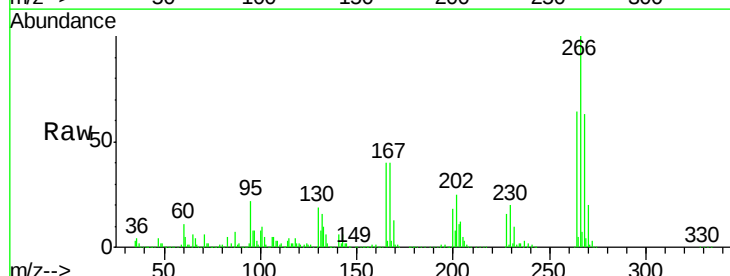
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

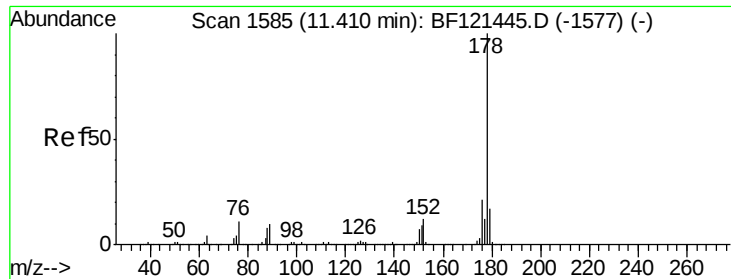
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.0	48.0
215	49.0	28.1	68.1



#70
 Pentachlorophenol
 Concen: 111.630 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.6	50.1	75.1

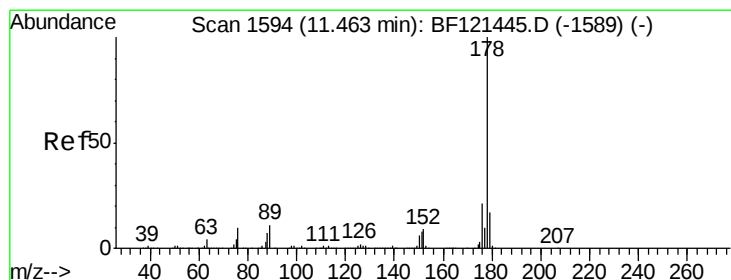
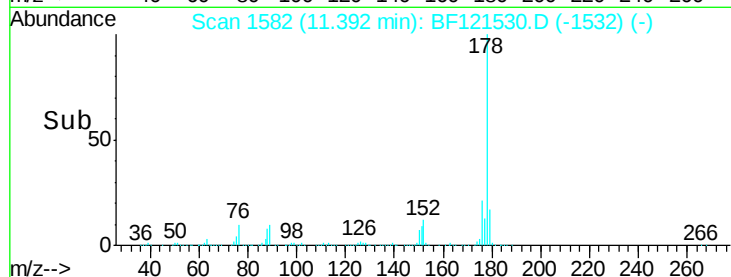
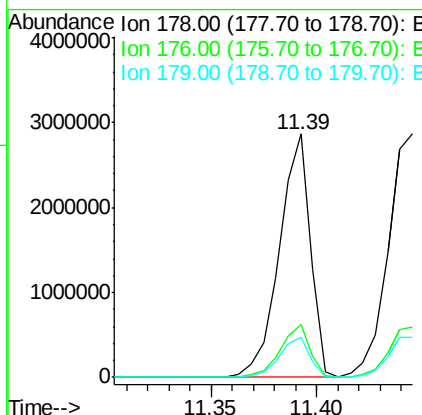
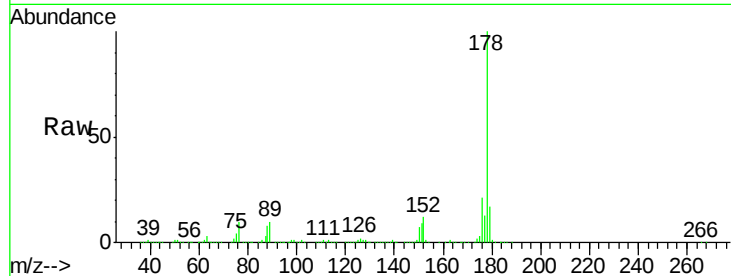




#71
Phenanthrene
Concen: 43.693 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

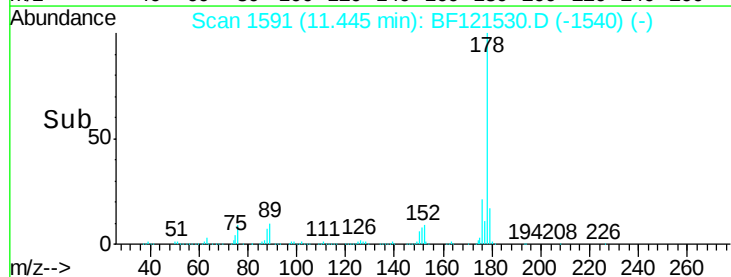
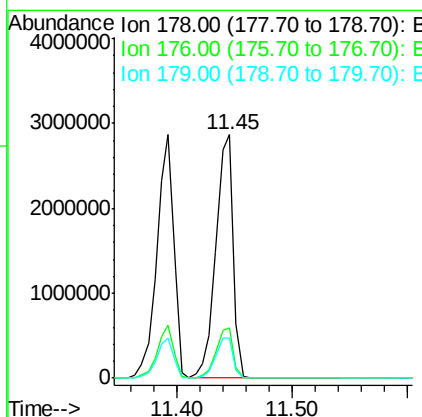
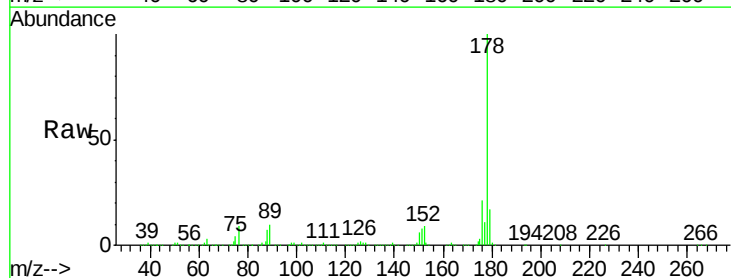
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

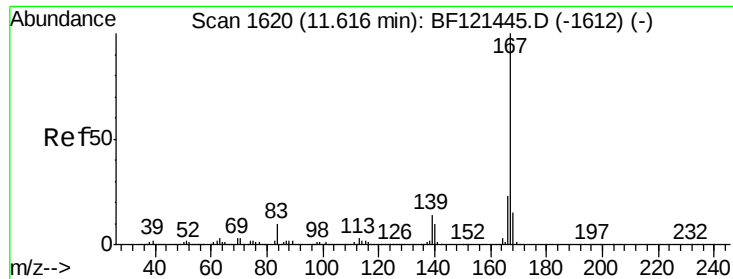
Tot Ion:178 Resp: 2937976
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 16.7 13.2 19.8



#72
Anthracene
Concen: 45.045 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:178 Resp: 2979047
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 16.7 13.4 20.0

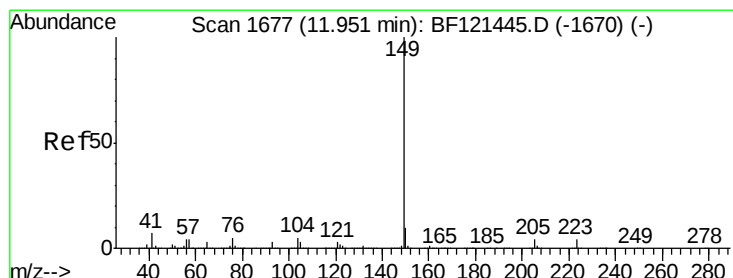
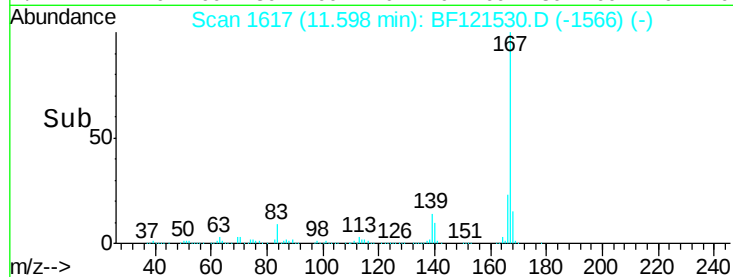
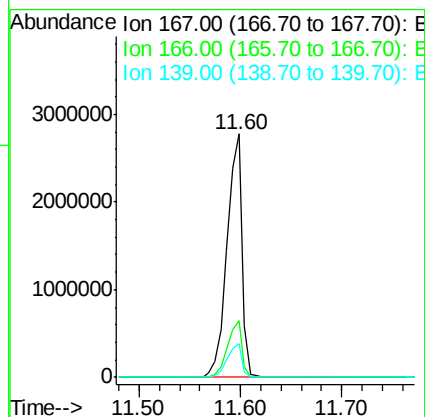
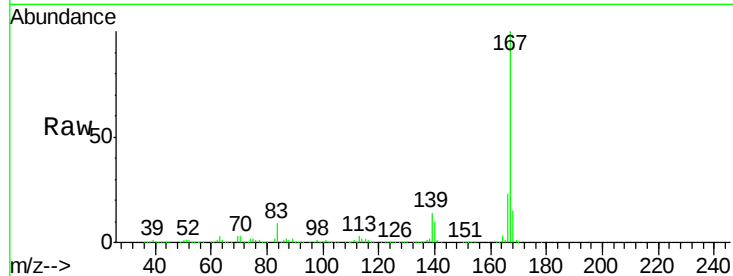




#73
 Carbazole
 Concen: 44.728 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

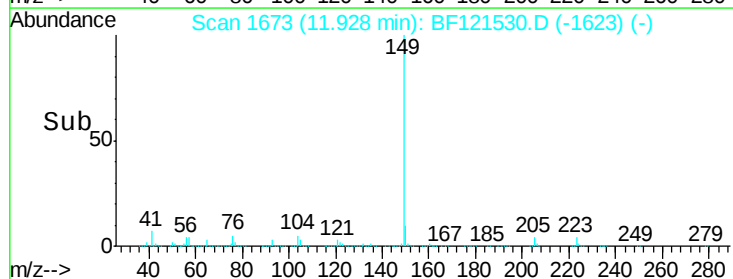
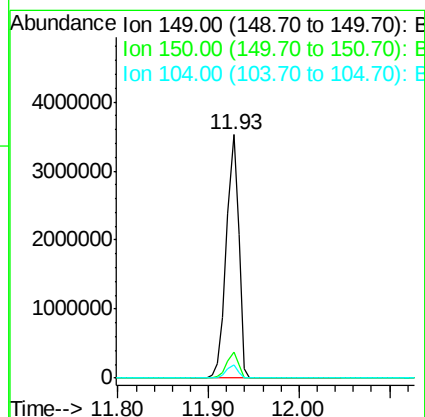
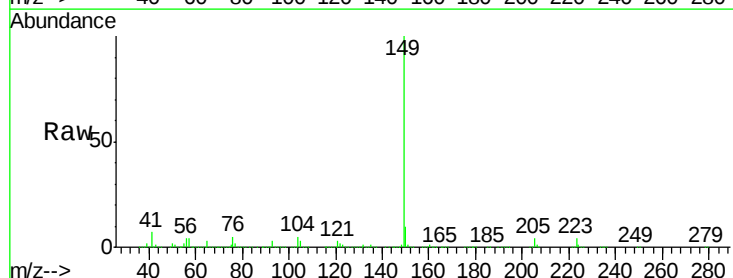
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

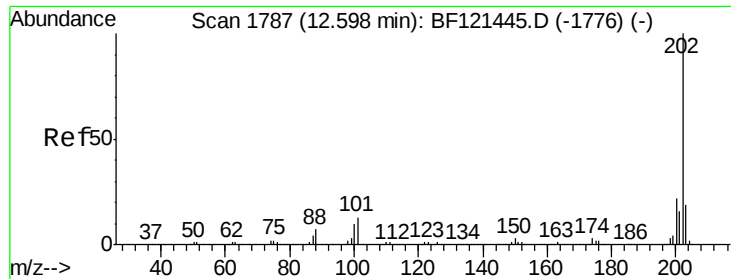
Tot Ion:167 Resp: 2852500
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 13.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 46.360 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:149 Resp: 3284502
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.0 12.0
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 44.578 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

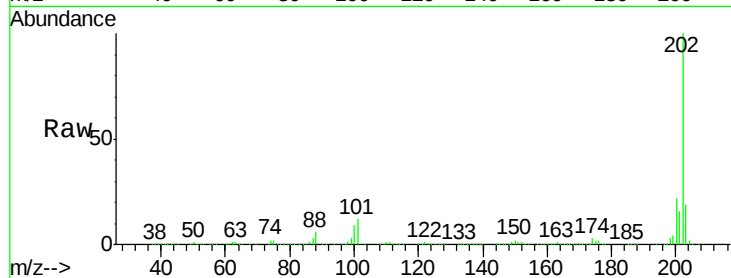
Tot Ion:202 Resp: 3230547

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.6

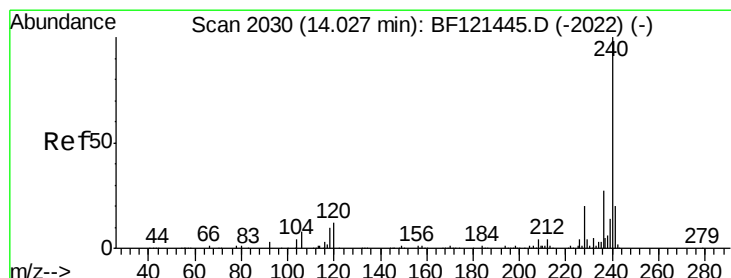
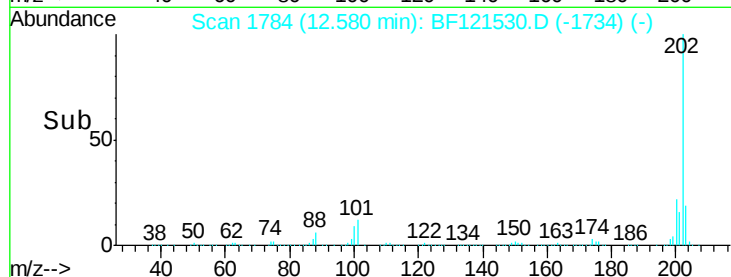
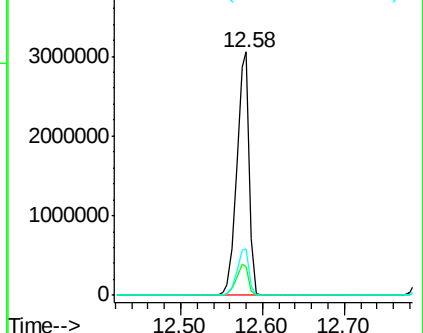
203 19.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

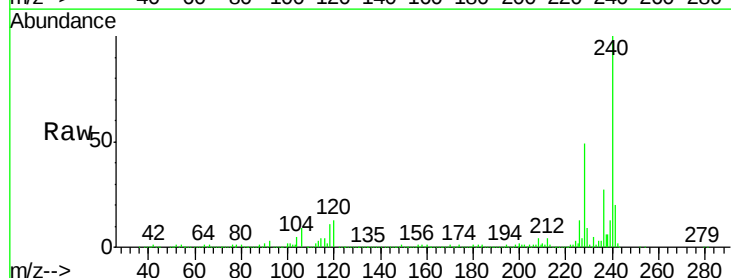
Tgt Ion:240 Resp: 1024600

Ion Ratio Lower Upper

240 100

120 12.8 8.0 12.0#

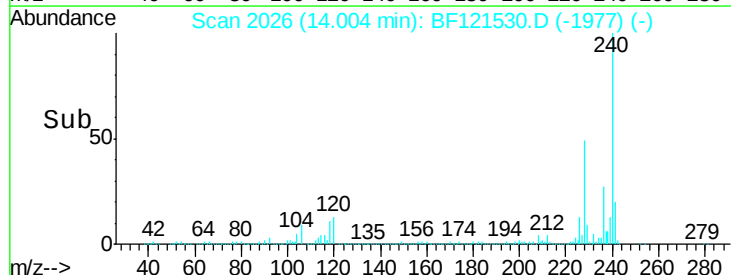
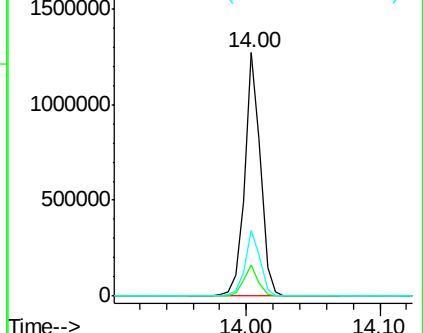
236 26.9 21.4 32.2

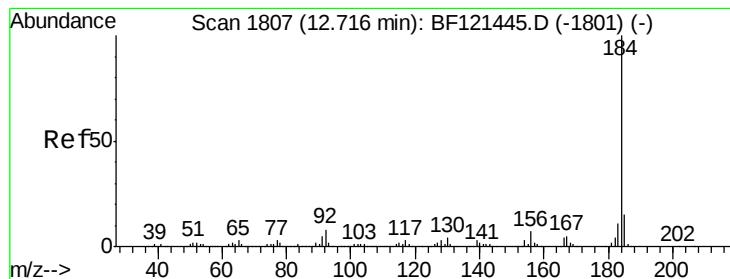


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.140 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

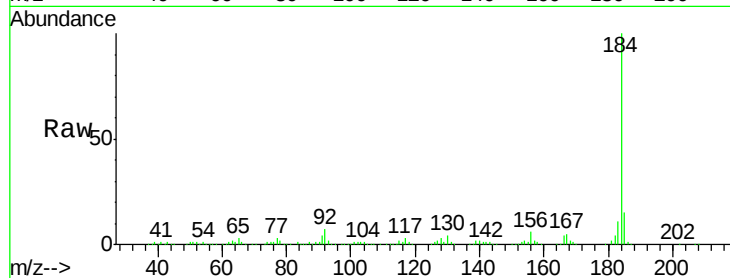
Tot Ion:184 Resp: 427707

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

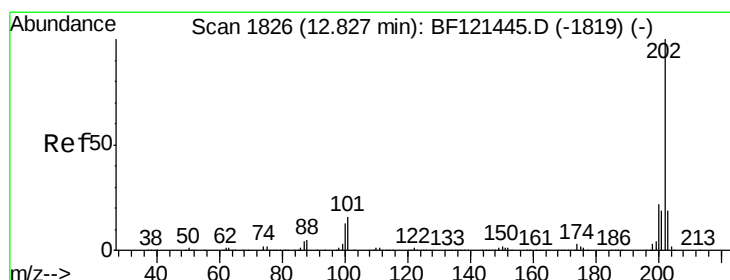
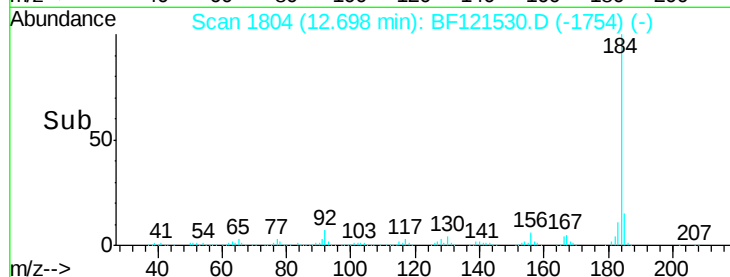
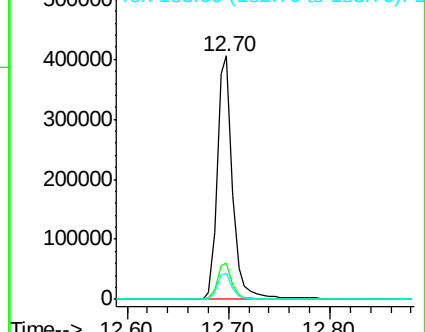
183 10.5 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.880 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

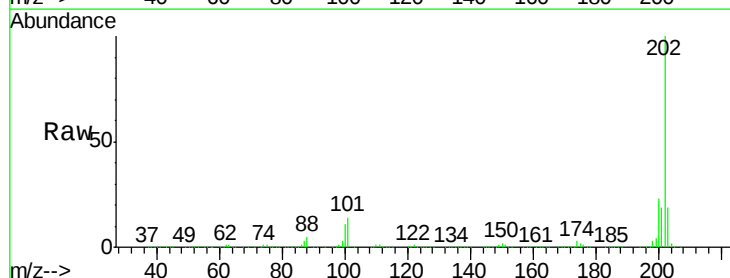
Tgt Ion:202 Resp: 3284053

Ion Ratio Lower Upper

202 100

200 22.9 17.7 26.5

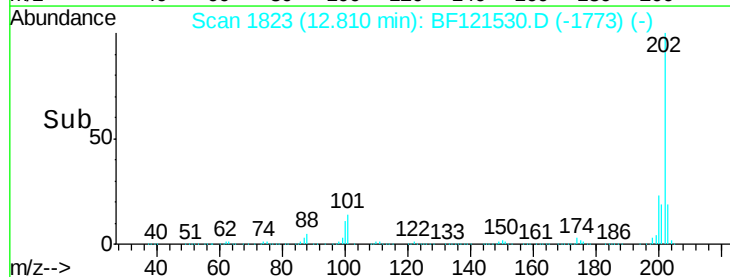
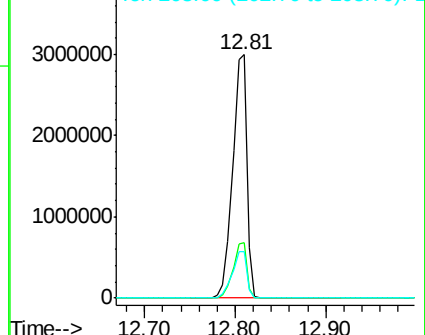
203 19.1 15.0 22.4

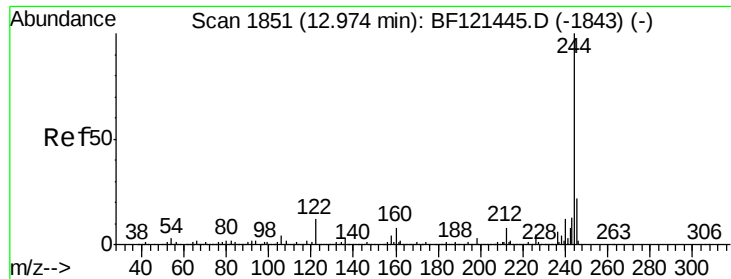


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.921 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

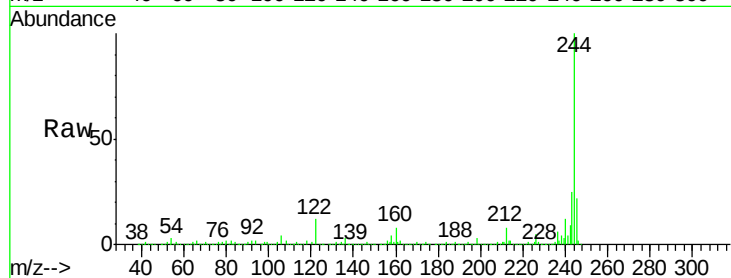
Tot Ion:244 Resp: 3646827

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

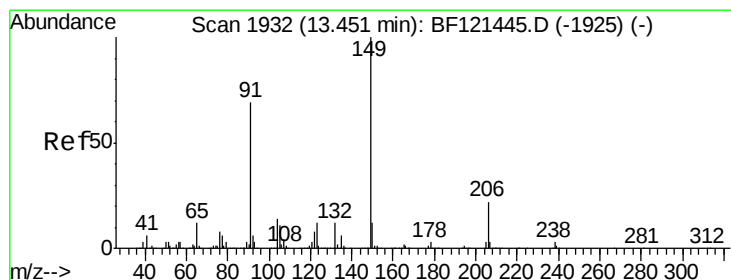
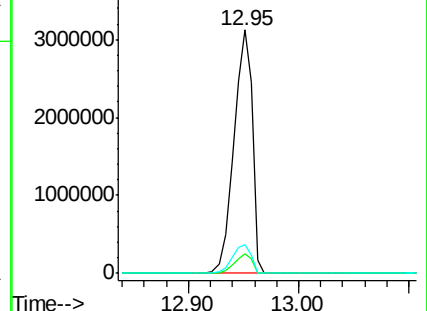
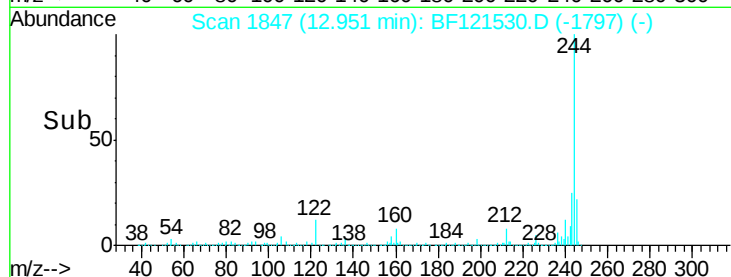
122 11.7 9.3 13.9



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: 51.771 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

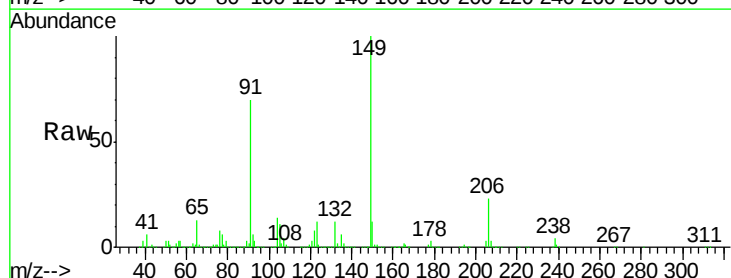
Tgt Ion:149 Resp: 1459478

Ion Ratio Lower Upper

149 100

91 69.5 54.9 82.3

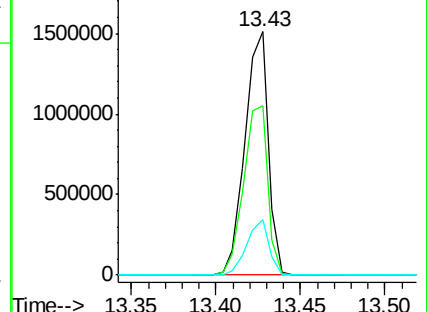
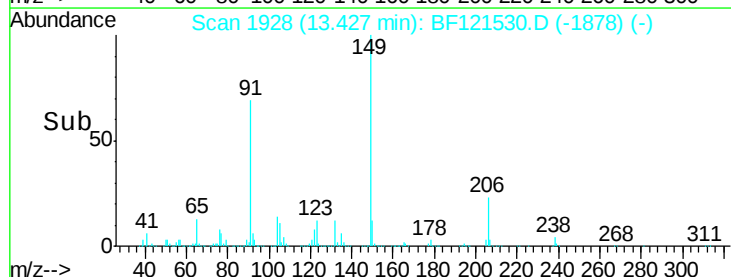
206 22.8 18.0 27.0

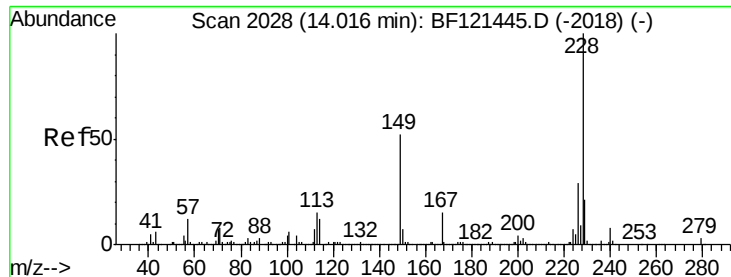


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.462 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

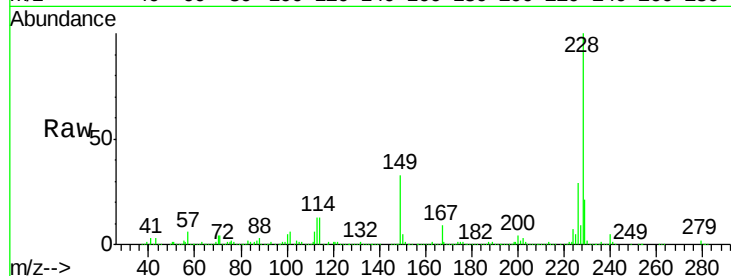
Tot Ion:228 Resp: 2718395

Ion Ratio Lower Upper

228 100

226 29.4 23.3 34.9

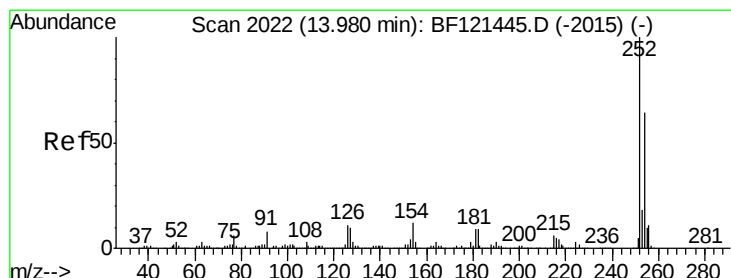
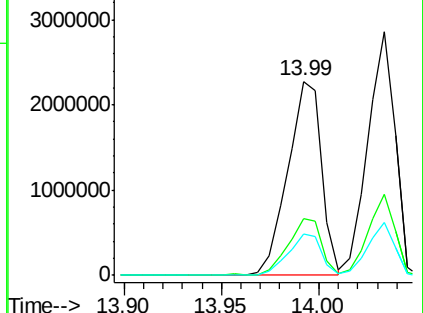
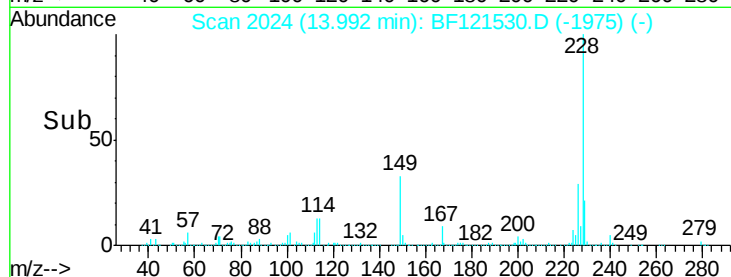
229 21.1 16.4 24.6



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: 29.051 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

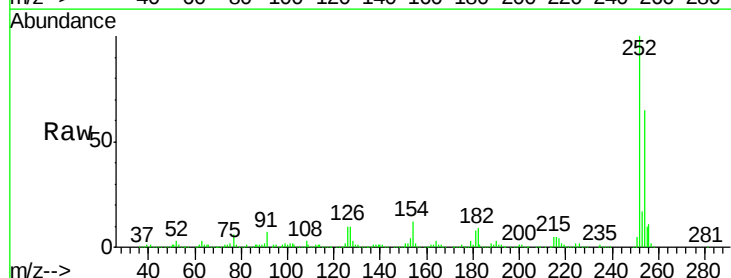
Tgt Ion:252 Resp: 665536

Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

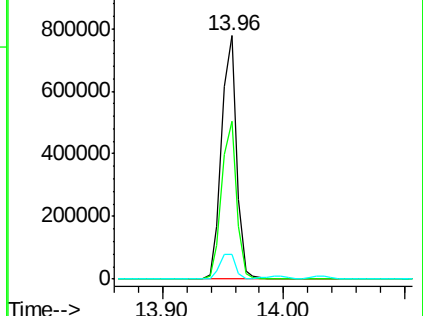
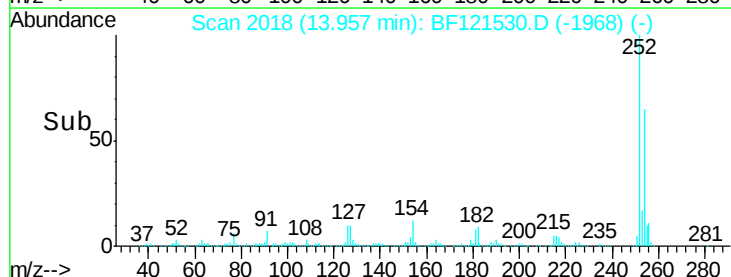
126 10.1 9.3 13.9

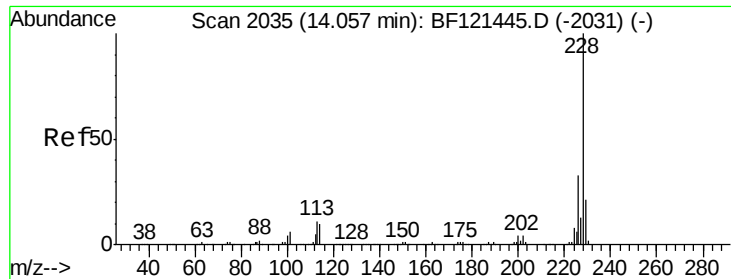


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.420 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

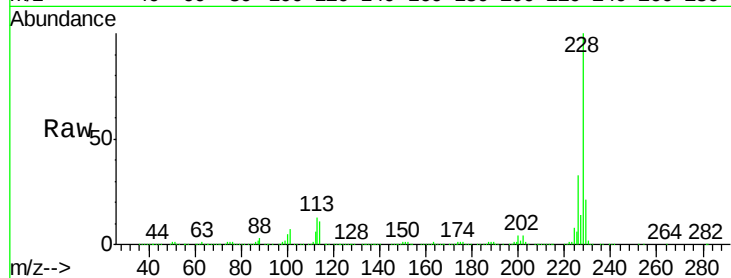
Tot Ion:228 Resp: 2779630

Ion Ratio Lower Upper

228 100

226 33.3 26.5 39.7

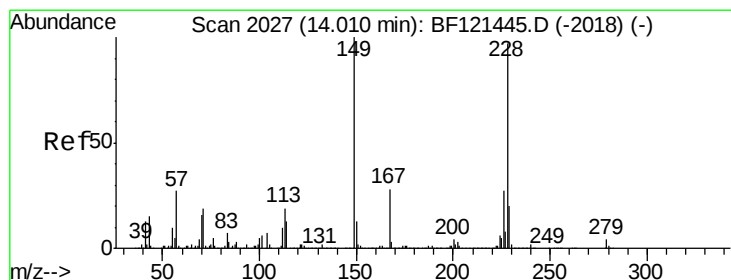
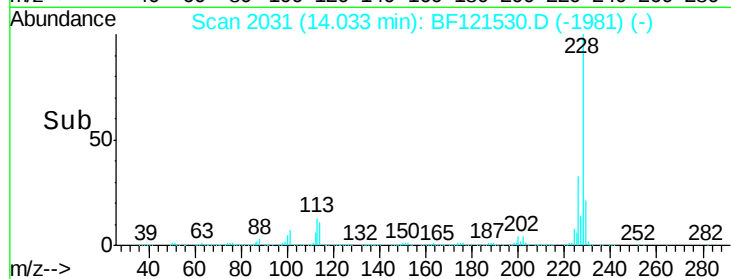
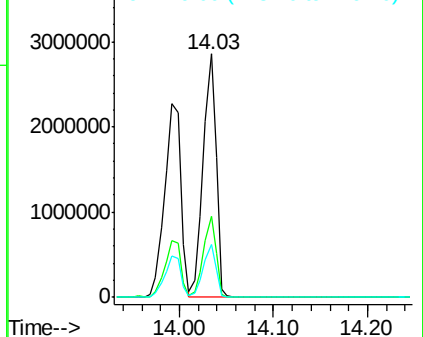
229 21.5 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.901 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

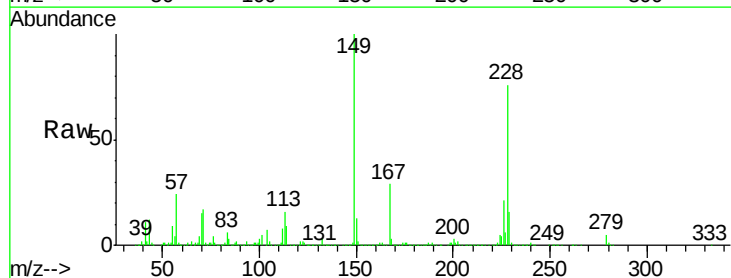
Tgt Ion:149 Resp: 1816895

Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

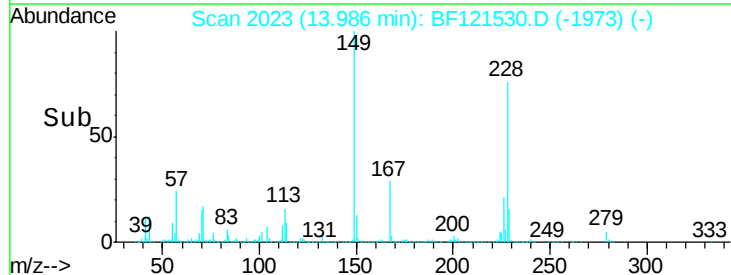
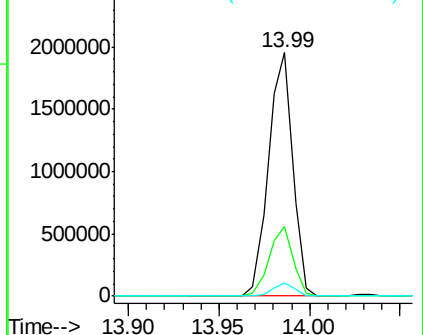
279 5.4 4.0 6.0

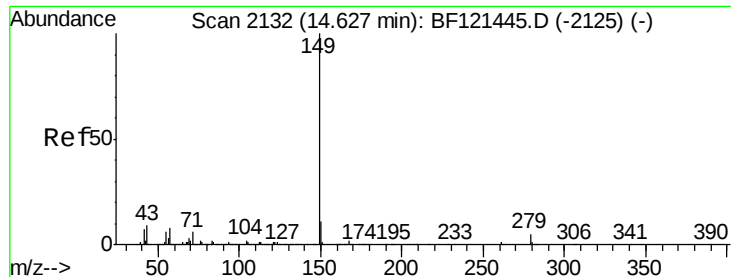


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

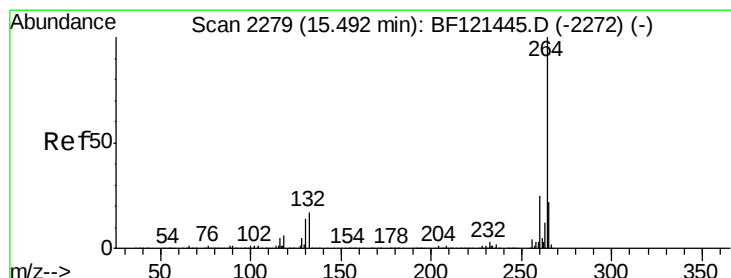
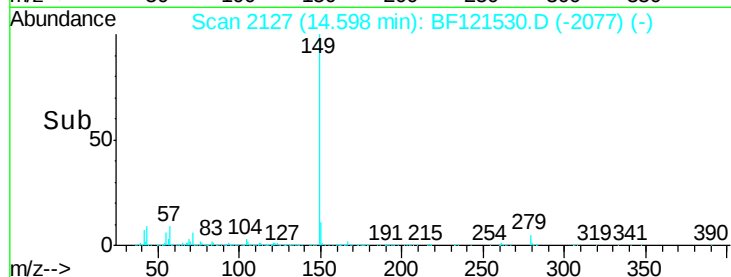
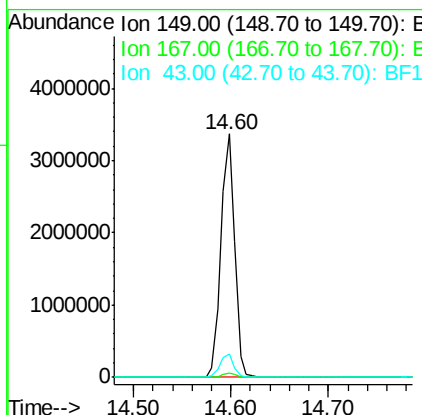
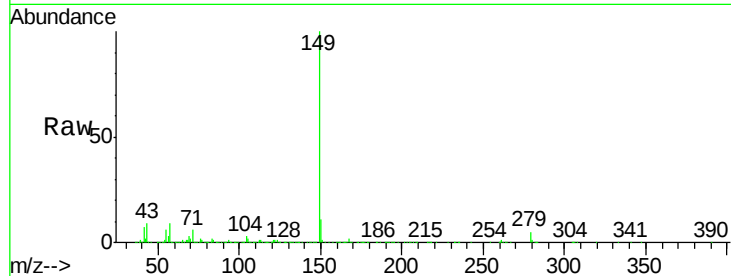




#85
Di-n-octyl phthalate
Concen: 53.137 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

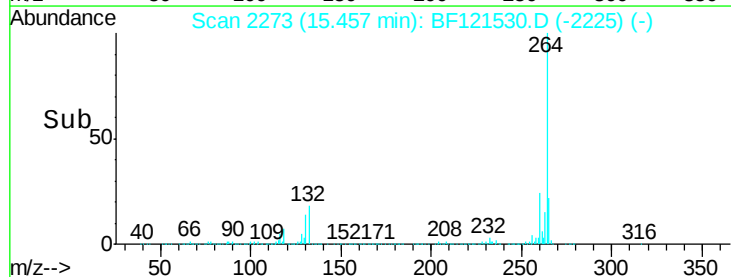
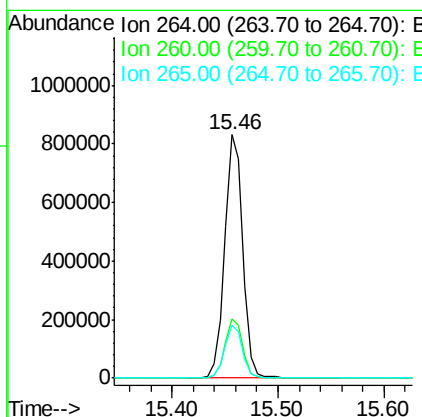
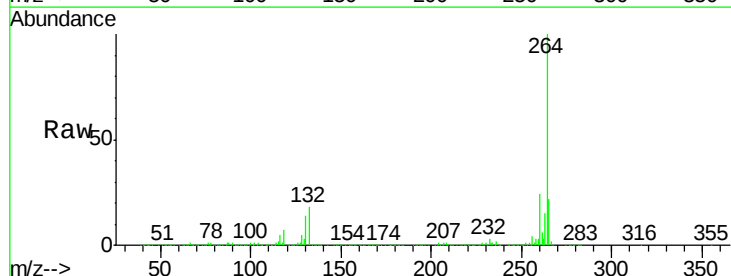
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

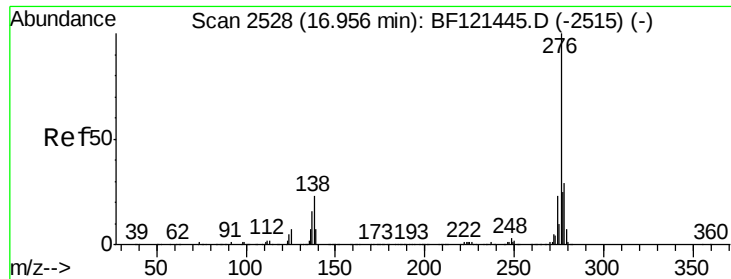
Tot Ion:149 Resp: 3278748
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.6 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:264 Resp: 980363
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.7 17.4 26.2

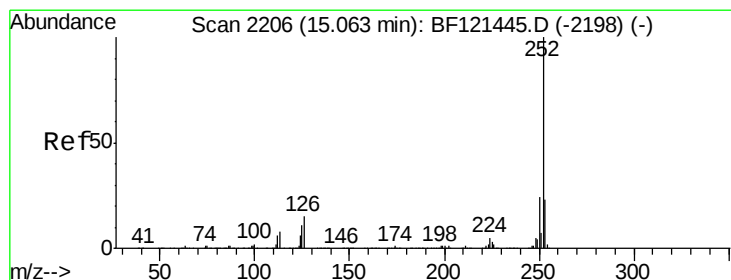
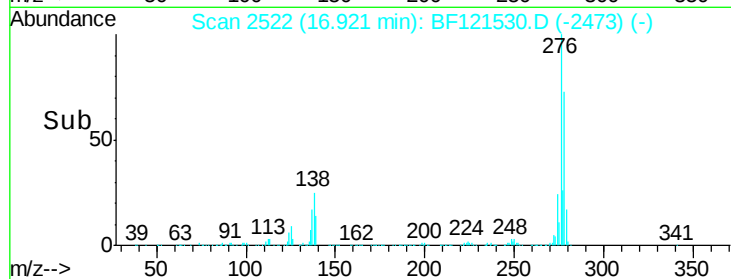
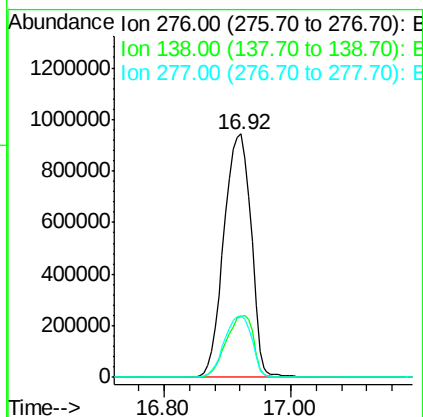
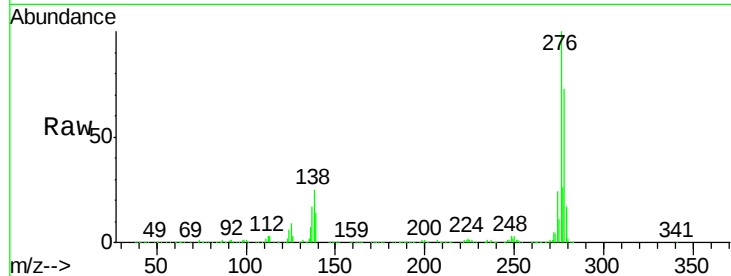




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.327 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

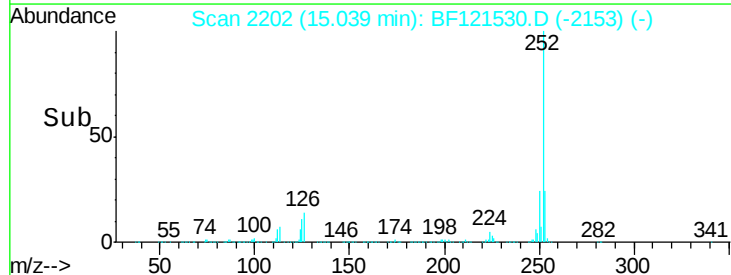
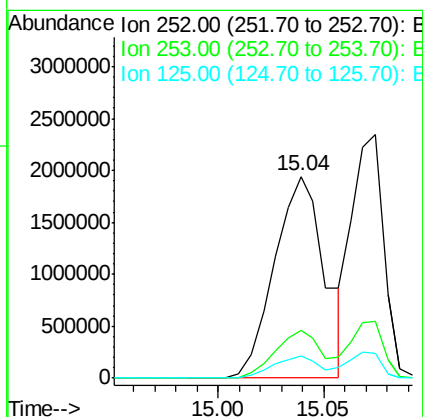
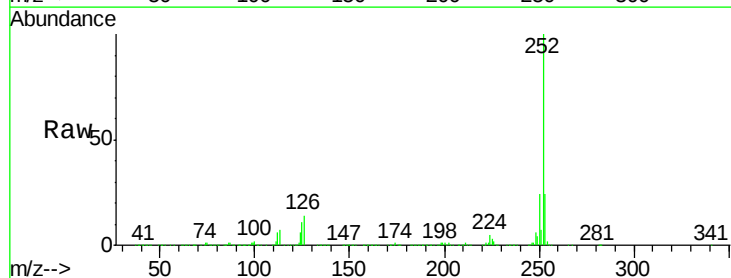
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

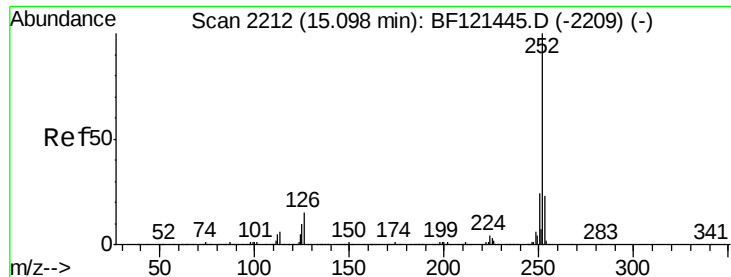
Tot Ion:276 Resp: 2794451
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.7 31.1
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 50.328 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:252 Resp: 3209562
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.3 27.5
 125 10.8 8.2 12.2

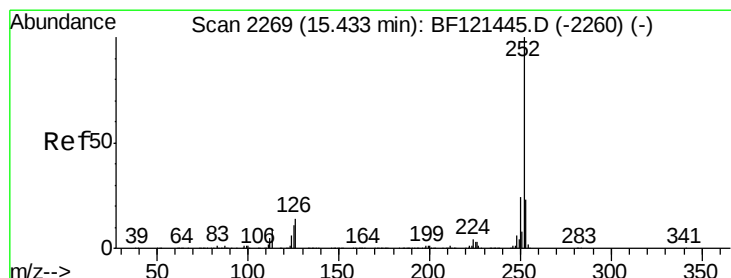
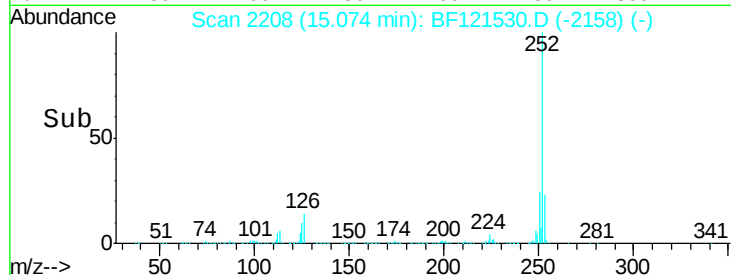
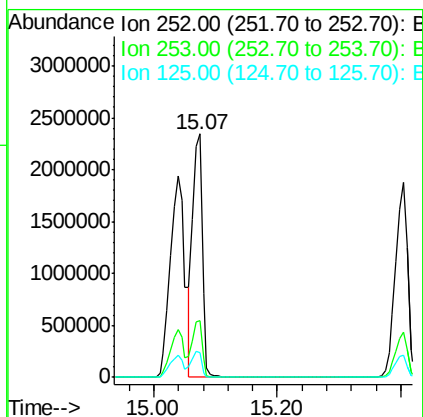
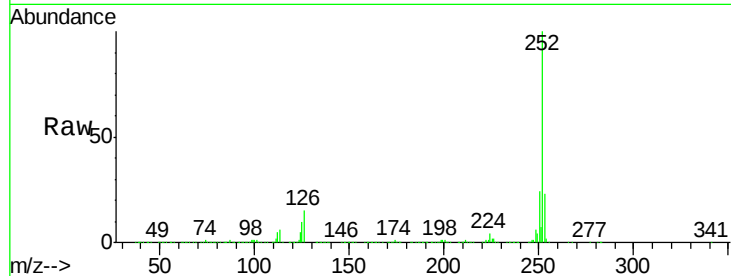




#89
Benzo(k)fluoranthene
Concen: 42.323 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

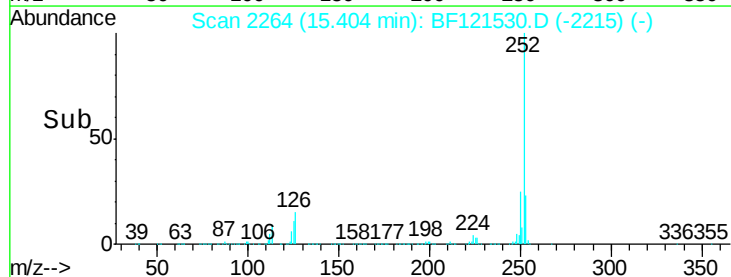
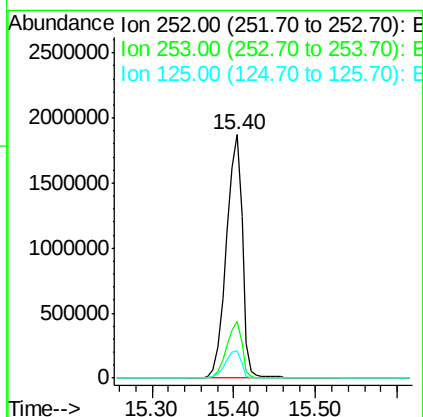
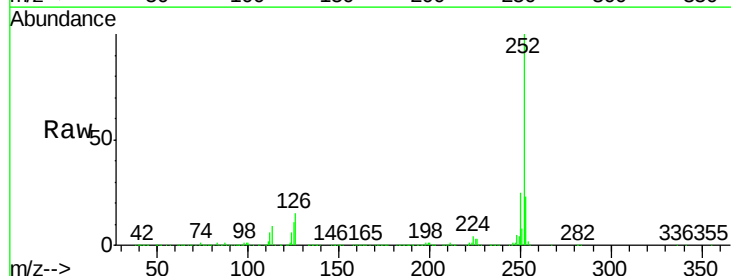
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

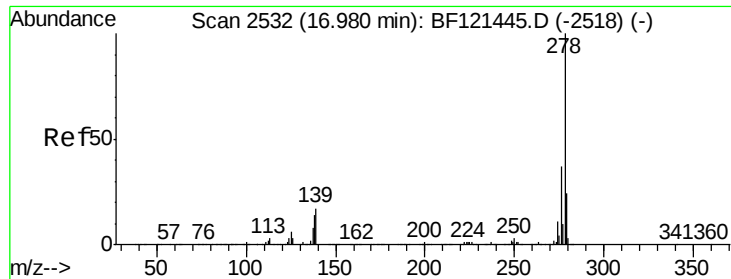
Tot Ion:252 Resp: 2510435
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 10.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 44.257 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:252 Resp: 2537894
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 11.4 8.8 13.2

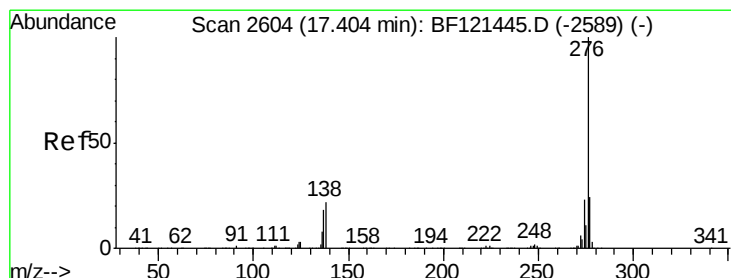
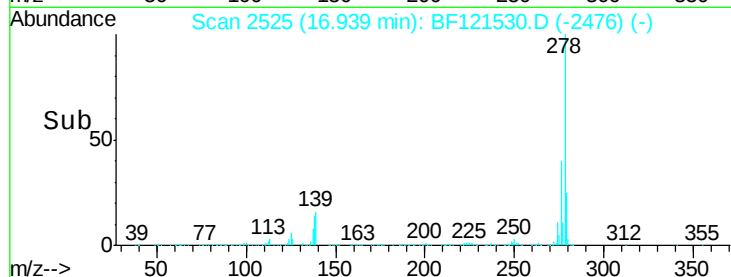
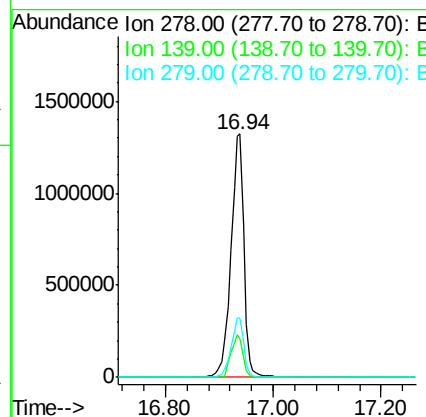
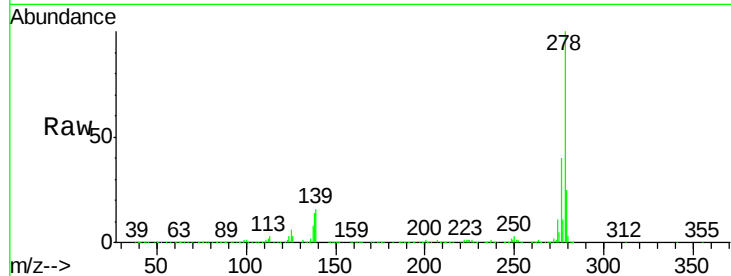




#91
Dibenzo(a,h)anthracene
Concen: 46.246 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion:278 Resp: 2283450
Ion Ratio Lower Upper
278 100
139 16.2 14.0 21.0
279 24.6 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 48.913 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:276 Resp: 2326510
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 21.4 17.8 26.6

