

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120315.D
 Acq On : 15 May 2020 12:18
 Operator : MA/SJ
 Sample : L2501-07MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

Quant Time: May 15 12:50:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	429112	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1800277	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	953356	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1705235	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1069410	20.00	ng	0.00
87) Perylene-d12	15.17	264	954187	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	2278064	103.29	ng	0.02
7) Phenol-d6	6.28	99	2478613	88.87	ng	0.00
23) Nitrobenzene-d5	7.19	82	1930068	73.40	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	820085	105.50	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3475315	74.89	ng	0.00
79) Terphenyl-d14	12.73	244	3561943	73.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	362180	41.283	ng	98
3) Pyridine	3.04	79	680947	24.692	ng	99
4) n-Nitrosodimethylamine	2.96	42	407915	37.775	ng	99
6) Aniline	6.29	93	701769	19.675	ng	# 62
8) 2-Chlorophenol	6.41	128	991118	38.543	ng	97
9) Benzaldehyde	6.16	77	406618	23.650	ng	98
10) Phenol	6.29	94	1001567	30.764	ng	82
11) bis(2-Chloroethyl)ether	6.36	93	968485	37.240	ng	99
12) 1,3-Dichlorobenzene	6.56	146	923357	33.557	ng	99
13) 1,4-Dichlorobenzene	6.63	146	978855	34.540	ng	98
14) 1,2-Dichlorobenzene	6.79	146	855279	33.513	ng	99
15) Benzyl Alcohol	6.77	79	758151	38.264	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1457649	35.566	ng	85
17) 2-Methylphenol	6.90	107	742286	34.194	ng	93
18) Hexachloroethane	7.12	117	371987	34.455	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	699453	38.281	ng	97
20) 3+4-Methylphenols	7.06	107	983125	34.834	ng	96
22) Acetophenone	7.04	105	1378727	37.383	ng	99
24) Nitrobenzene	7.21	77	1019217	36.017	ng	99
25) Isophorone	7.45	82	2026945	37.049	ng	99
26) 2-Nitrophenol	7.52	139	560783	37.891	ng	94
27) 2,4-Dimethylphenol	7.57	122	946055	43.943	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	1287700	37.446	ng	99
29) 2,4-Dichlorophenol	7.77	162	809173	36.595	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	876028	35.752	ng	99
31) Naphthalene	7.92	128	2834460	37.305	ng	99
32) Benzoic acid	7.74	122	472174	33.460	ng	99
33) 4-Chloroaniline	7.98	127	531099	15.338	ng	99
34) Hexachlorobutadiene	8.04	225	479105	33.829	ng	97
35) Caprolactam	8.37	113	93876	12.977	ng	96
36) 4-Chloro-3-methylphenol	8.48	107	882625	36.899	ng	98
37) 2-Methylnaphthalene	8.62	142	1829802	35.192	ng	97
38) 1-Methylnaphthalene	8.72	142	1814135	35.974	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	838483	34.880	ng	99

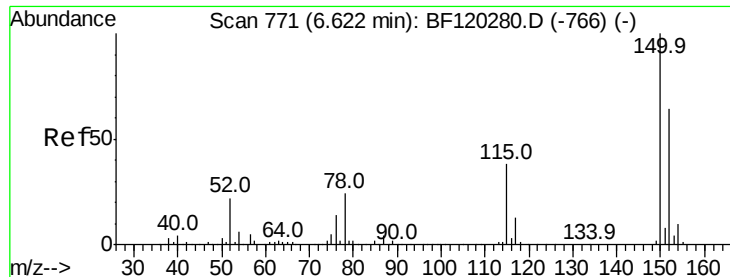
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	622273	64.181	ng	99
43) 2,4,6-Trichlorophenol	8.90	196	575111	35.641	ng	98
44) 2,4,5-Trichlorophenol	8.95	196	618937	33.400	ng	98
46) 1,1'-Biphenyl	9.08	154	2306358	36.922	ng	99
47) 2-Chloronaphthalene	9.10	162	1724246	34.412	ng	100
48) 2-Nitroaniline	9.21	65	620804	33.957	ng	97
49) Acenaphthylene	9.52	152	2639741	34.489	ng	99
50) Dimethylphthalate	9.39	163	2313080	38.381	ng	100
51) 2,6-Dinitrotoluene	9.46	165	465182	34.584	ng	95
52) Acenaphthene	9.69	154	1610468	35.103	ng	99
53) 3-Nitroaniline	9.62	138	295577	18.427	ng	98
54) 2,4-Dinitrophenol	9.74	184	483155	76.097	ng	98
55) Dibenzofuran	9.86	168	2323892	35.175	ng	99
56) 4-Nitrophenol	9.82	139	500409	58.060	ng	86
57) 2,4-Dinitrotoluene	9.86	165	538906	34.155	ng	98
58) Fluorene	10.20	166	1784228	35.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	485485	34.812	ng	99
60) Diethylphthalate	10.09	149	2025886	34.820	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	861397	32.928	ng	98
62) 4-Nitroaniline	10.25	138	499213	33.423	ng	100
63) Azobenzene	10.36	77	2125701	38.657	ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	361202	41.884	ng	99
66) n-Nitrosodiphenylamine	10.32	169	1811522	38.398	ng	99
67) 4-Bromophenyl-phenylether	10.69	248	587018	35.475	ng	99
68) Hexachlorobenzene	10.75	284	638586	36.889	ng	99
69) Atrazine	10.86	200	448369	31.762	ng	99
70) Pentachlorophenol	10.96	266	580630	78.862	ng	99
71) Phenanthrene	11.16	178	2738379	38.217	ng	98
72) Anthracene	11.22	178	3000057	39.110	ng	99
73) Carbazole	11.37	167	2767170	38.608	ng	99
74) Di-n-butylphthalate	11.71	149	3324299	38.485	ng	100
75) Fluoranthene	12.35	202	2819483	36.711	ng	99
77) Benzidine	12.47	184	1173740	37.585	ng	99
78) Pyrene	12.58	202	2888044	37.882	ng	100
80) Butylbenzylphthalate	13.20	149	1306931	36.405	ng	98
81) Benzo(a)anthracene	13.77	228	2104880	37.318	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	470343	22.128	ng	98
83) Chrysene	13.80	228	2241341	37.006	ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1607940	36.000	ng	100
85) Di-n-octyl phthalate	14.37	149	2985383	37.154	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	1884346	34.279	ng	99
88) Benzo(b)fluoranthene	14.78	252	1967851	37.763	ng	99
89) Benzo(k)fluoranthene	14.81	252	1953479	43.269	ng	99
90) Benzo(a)pyrene	15.12	252	1881257	40.255	ng	98
91) Dibenzo(a,h)anthracene	16.51	278	1580416	38.173	ng	99
92) Benzo(g,h,i)perylene	16.90	276	1611393	38.597	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

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ClientSampleId :

EO-01-051320MS

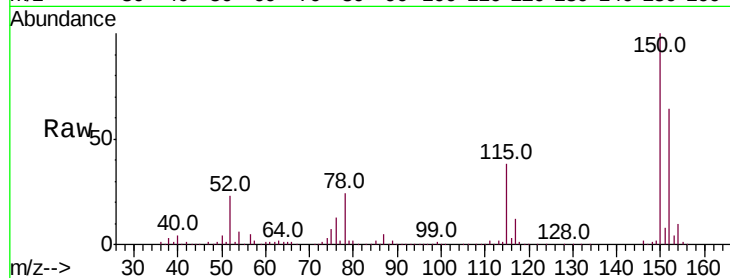
Tot Ion:152 Resp: 429112

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

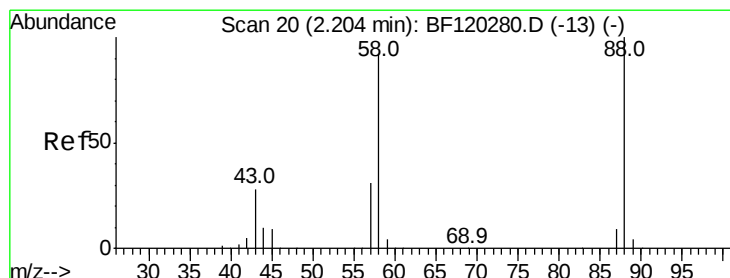
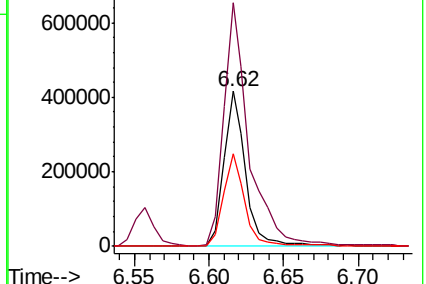
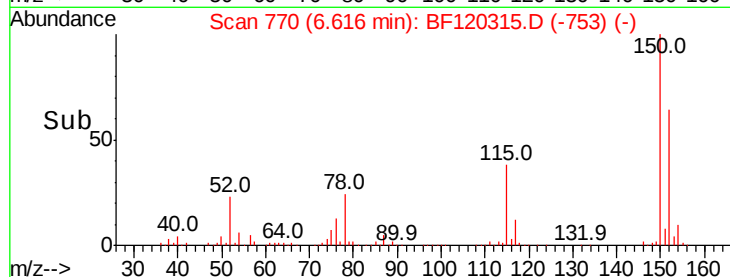
115 59.6 47.9 71.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.283 ng

RT: 2.38 min Scan# 50

Delta R.T. 0.18 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

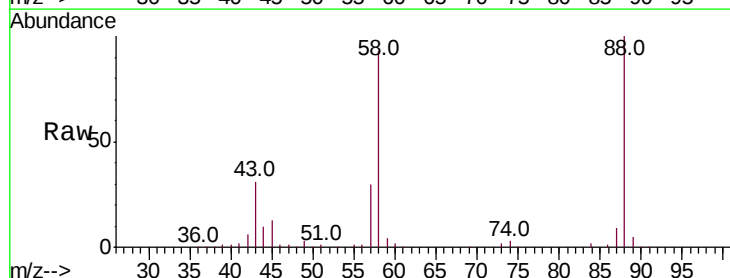
Tgt Ion: 88 Resp: 362180

Ion Ratio Lower Upper

88 100

58 92.6 75.8 113.6

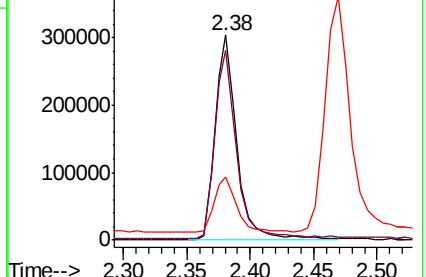
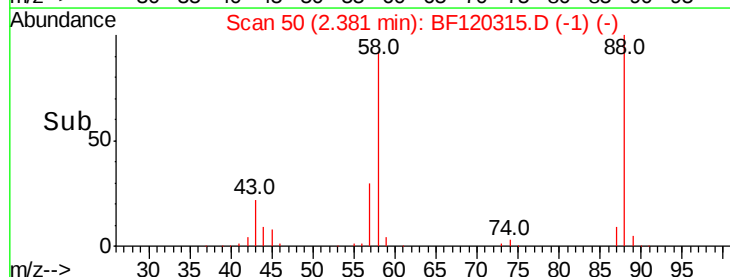
43 27.7 23.6 35.4

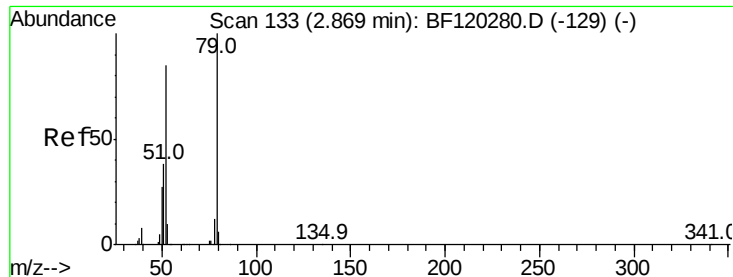


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.692 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.18 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

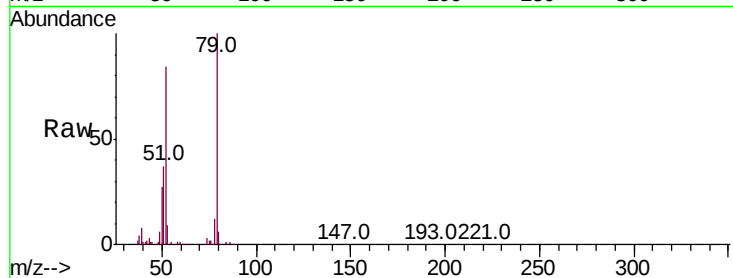
Tot Ion: 79 Resp: 680947

Ion Ratio Lower Upper

79 100

52 84.4 68.4 102.6

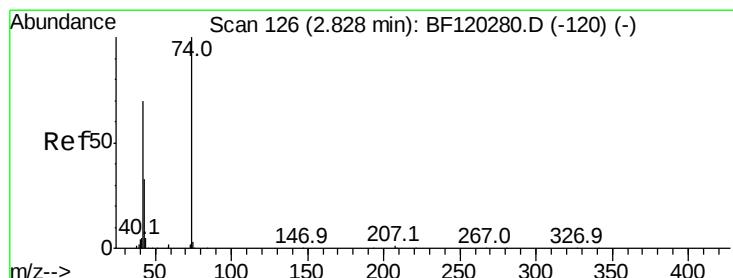
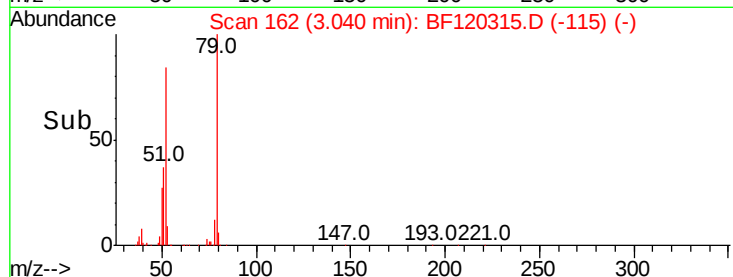
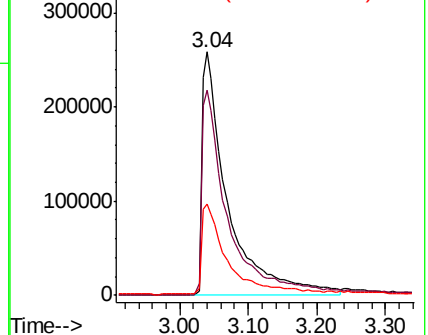
51 37.4 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.775 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.14 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

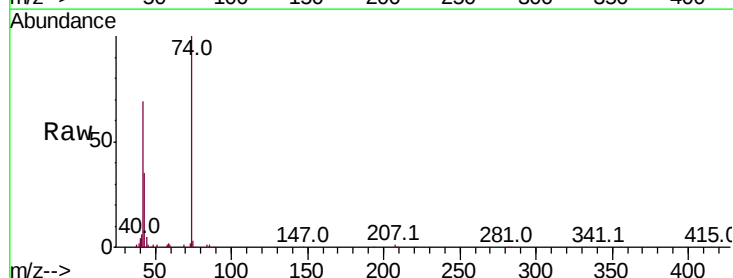
Tgt Ion: 42 Resp: 407915

Ion Ratio Lower Upper

42 100

74 145.0 114.8 172.2

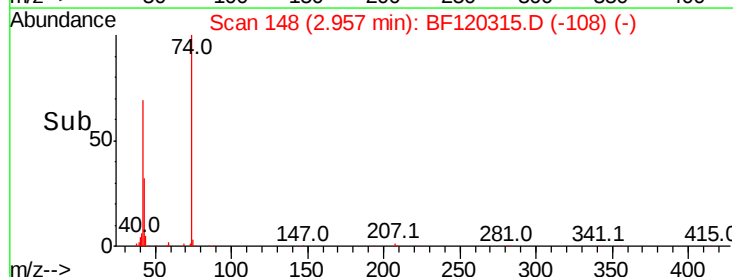
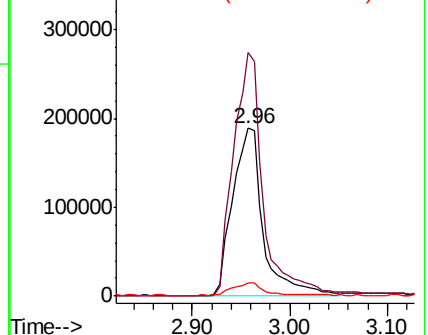
44 7.9 5.6 8.4

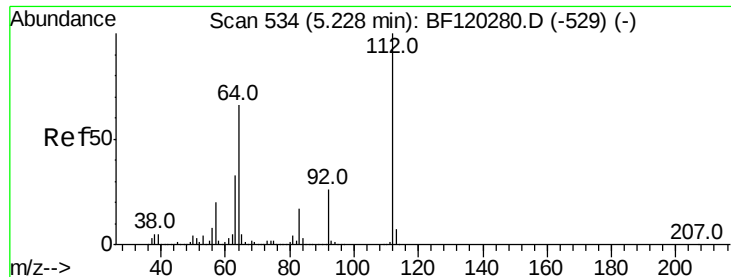


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.293 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.02 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

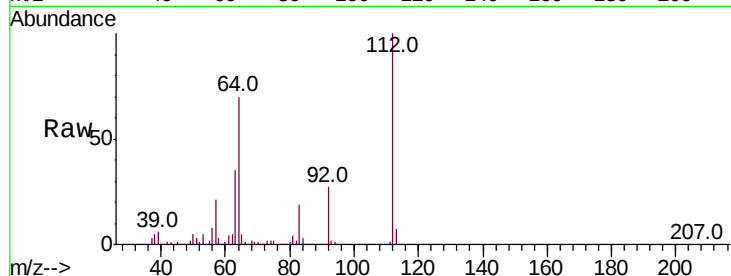
Tot Ion:112 Resp: 2278064

Ion Ratio Lower Upper

112 100

64 70.2 52.7 79.1

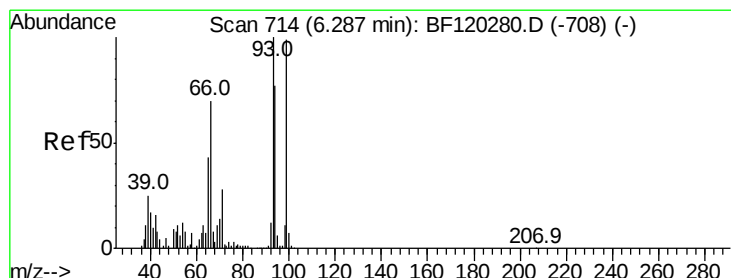
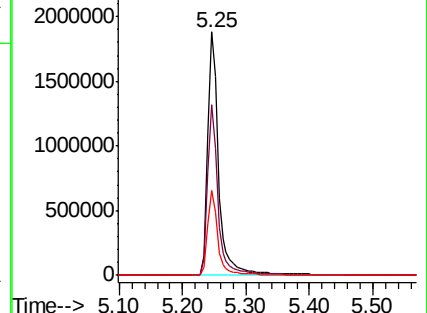
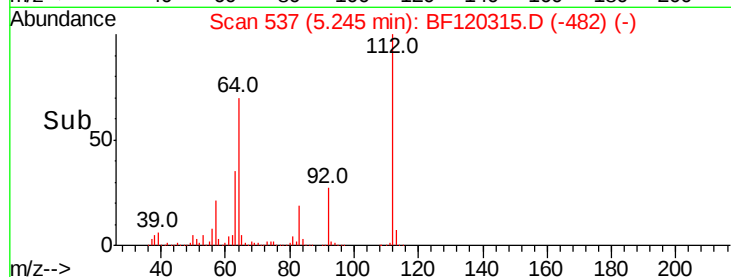
63 34.8 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.675 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

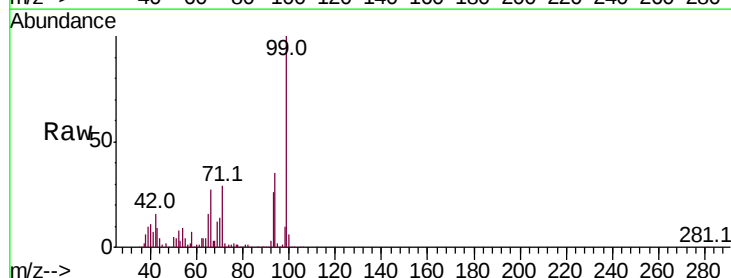
Tgt Ion: 93 Resp: 701769

Ion Ratio Lower Upper

93 100

66 105.2 56.2 84.4#

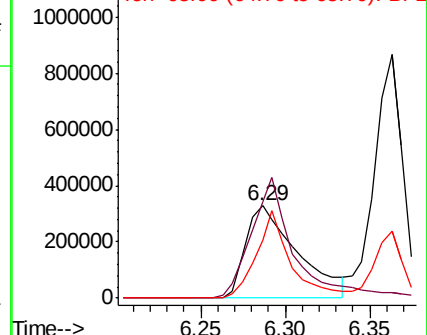
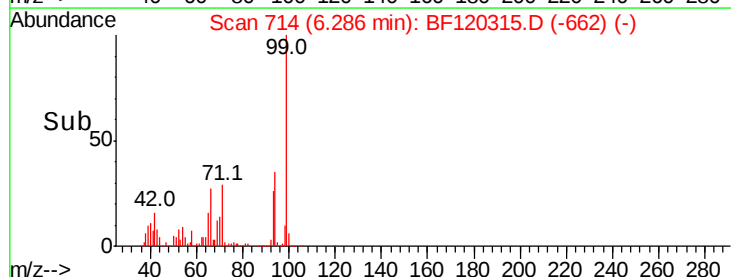
65 63.1 34.2 51.2#

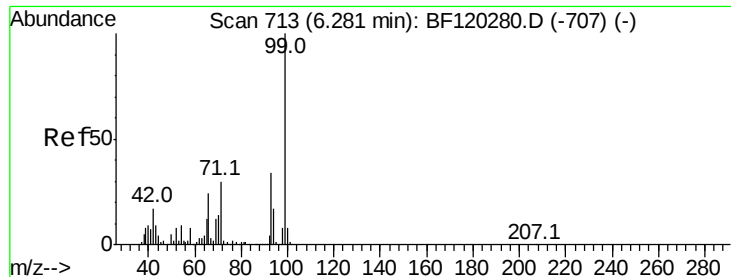


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.872 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

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ClientSampleId :

EO-01-051320MS

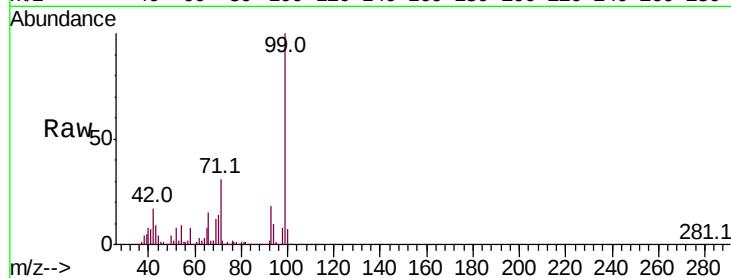
Tot Ion: 99 Resp: 2478613

Ion Ratio Lower Upper

99 100

42 17.4 13.6 20.4

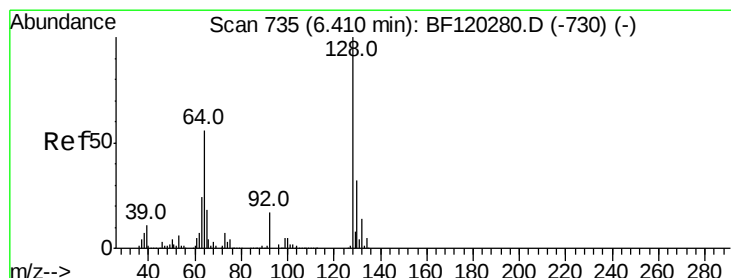
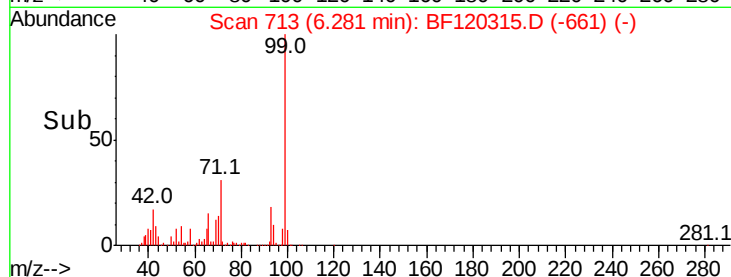
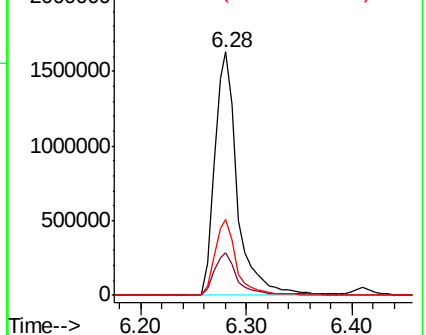
71 31.3 24.2 36.4



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: 38.543 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

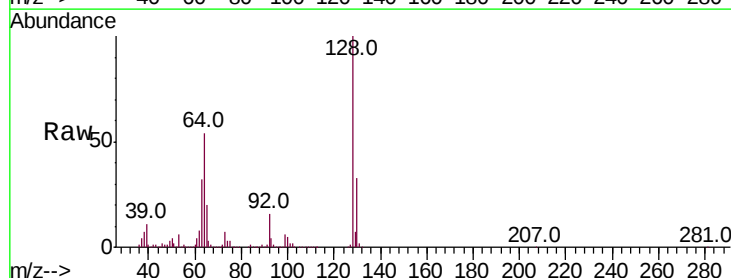
Tgt Ion:128 Resp: 991118

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

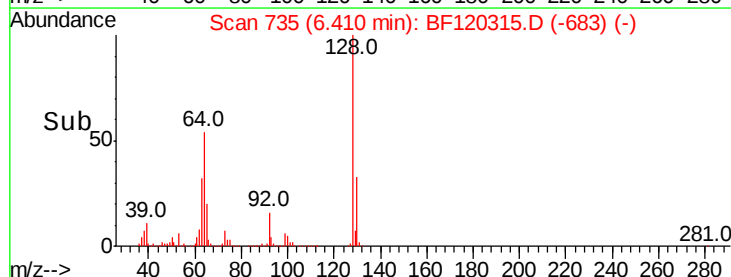
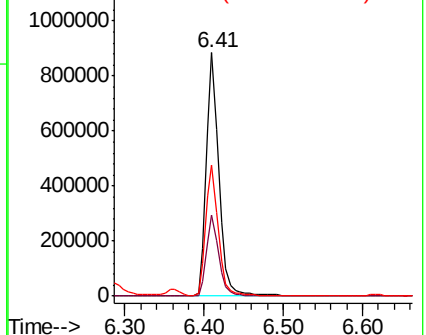
64 53.8 36.7 76.7

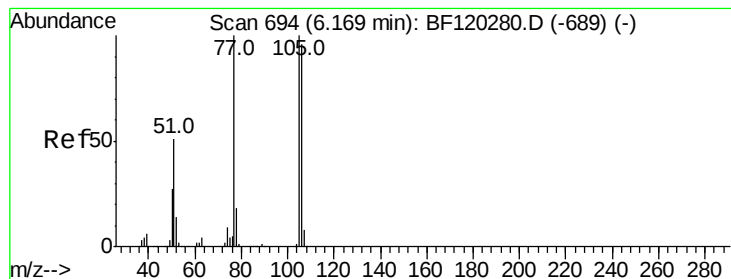


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.650 ng

RT: 6.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

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ClientSampleId :

EO-01-051320MS

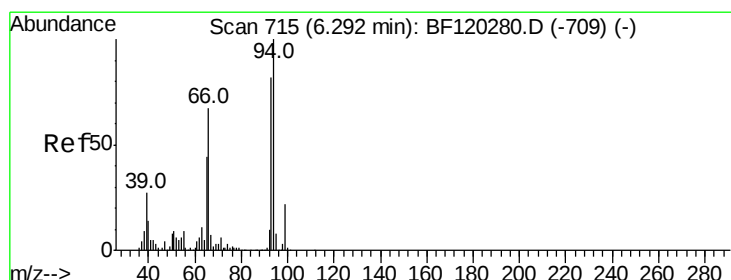
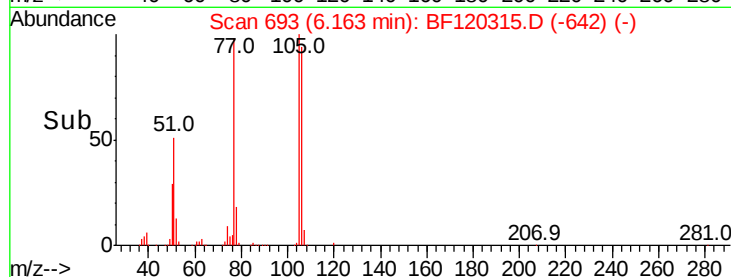
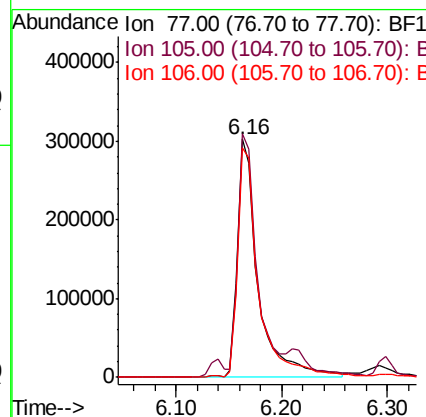
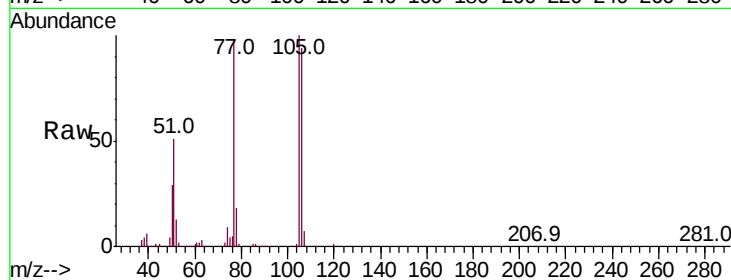
Tot Ion: 77 Resp: 406618

Ion Ratio Lower Upper

77 100

105 102.3 79.9 119.9

106 96.3 75.7 115.7



#10

Phenol

Concen: 30.764 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

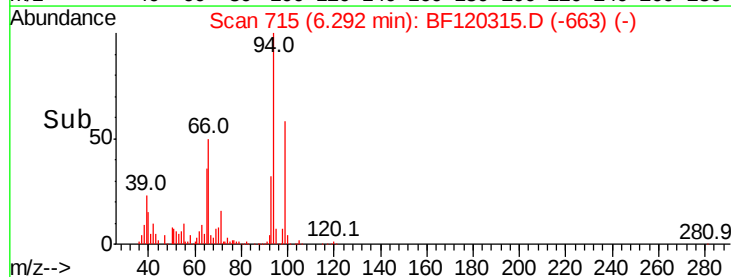
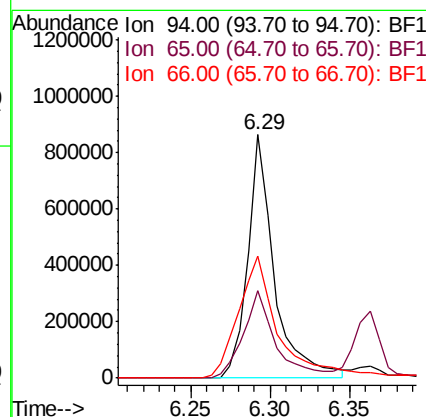
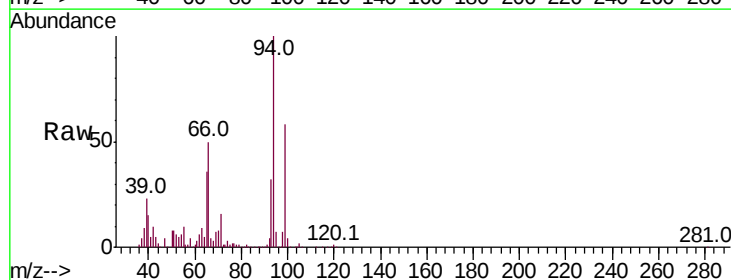
Tgt Ion: 94 Resp: 1001567

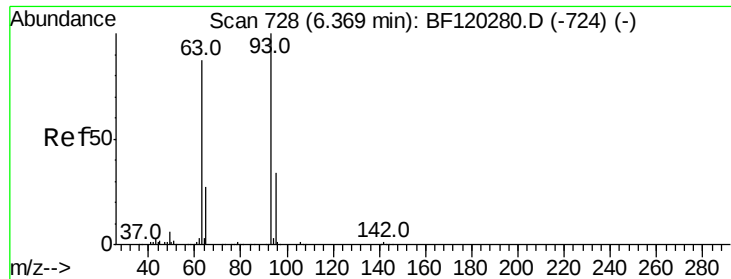
Ion Ratio Lower Upper

94 100

65 36.0 24.1 64.1

66 49.9 47.5 87.5

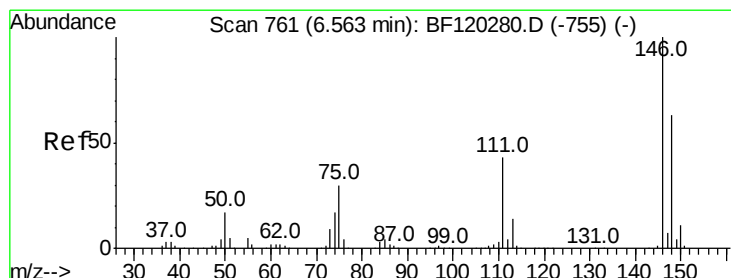
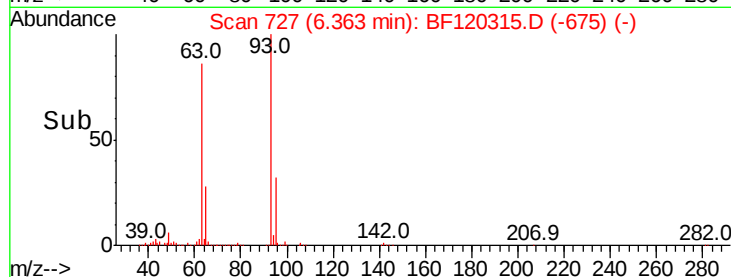
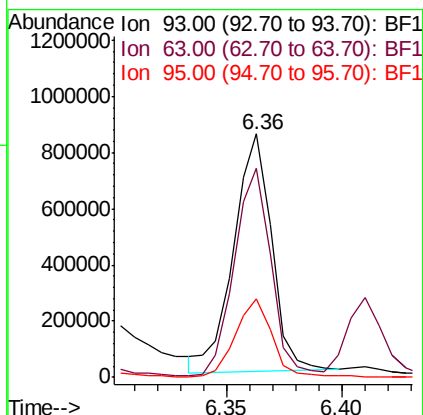
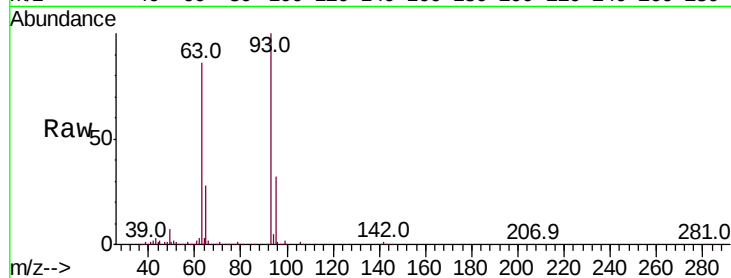




#11
bis(2-Chloroethyl)ether
Concen: 37.240 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

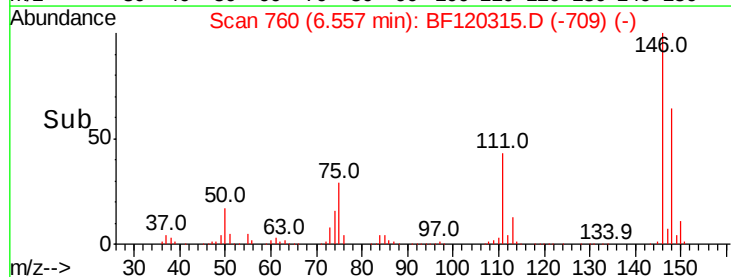
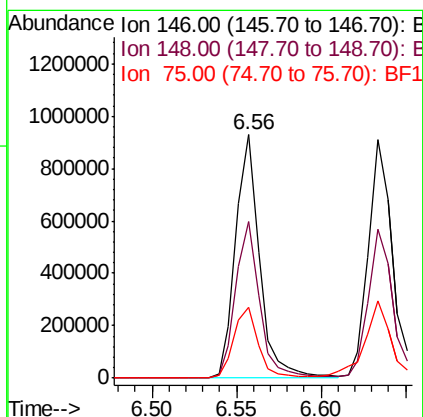
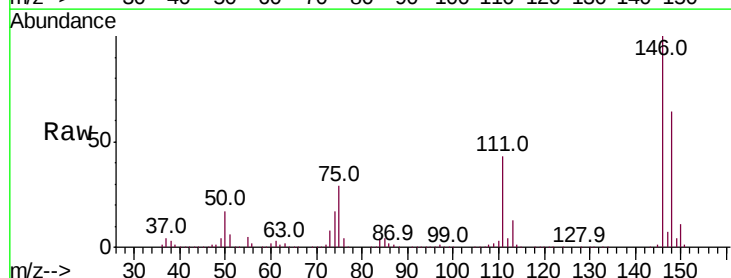
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

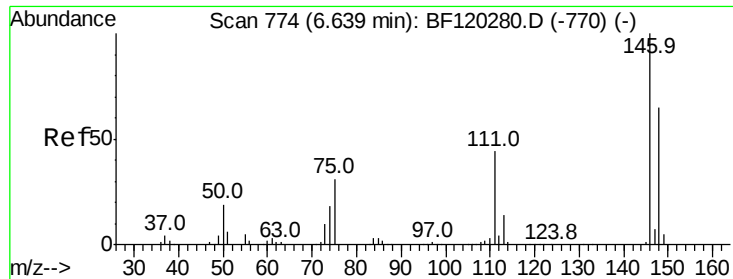
Tot Ion: 93 Resp: 968485
Ion Ratio Lower Upper
93 100
63 85.9 65.4 105.4
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 33.557 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion: 146 Resp: 923357
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 29.3 24.2 36.4

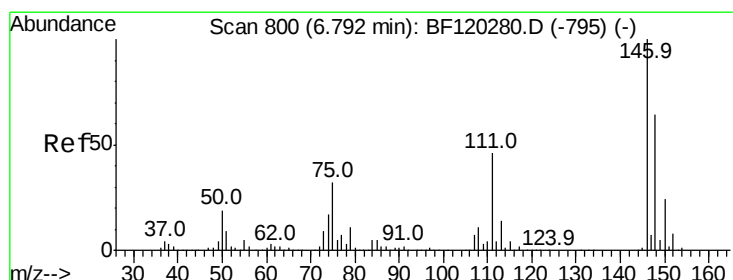
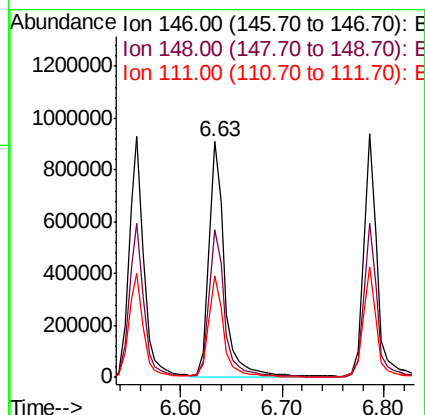
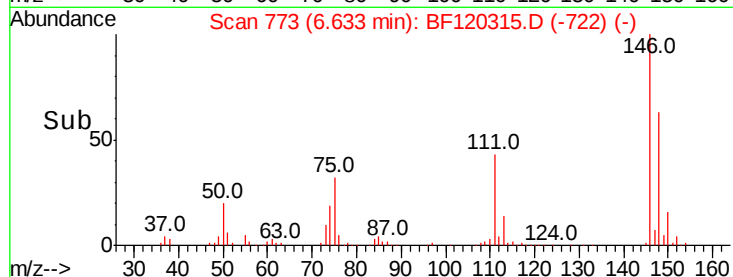
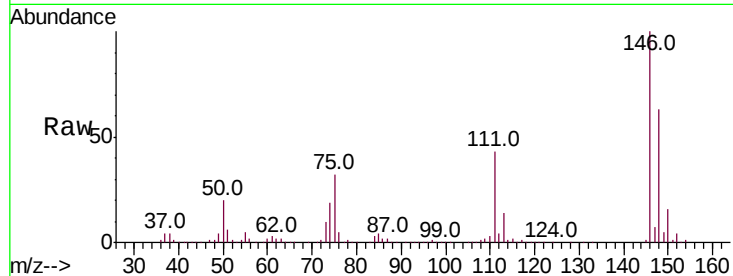




#13
 1,4-Dichlorobenzene
 Concen: 34.540 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

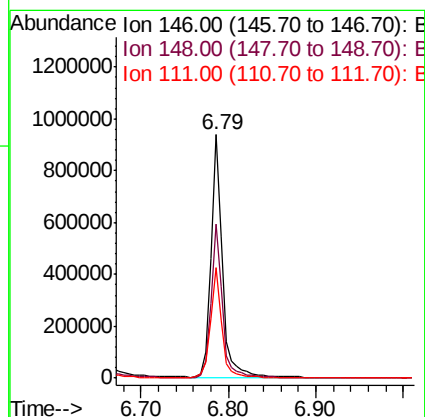
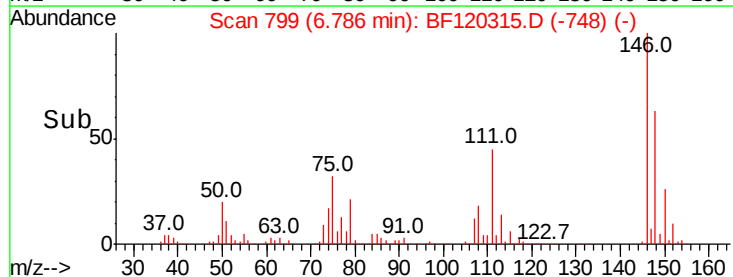
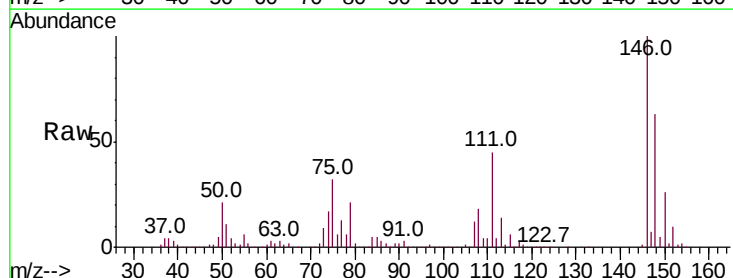
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

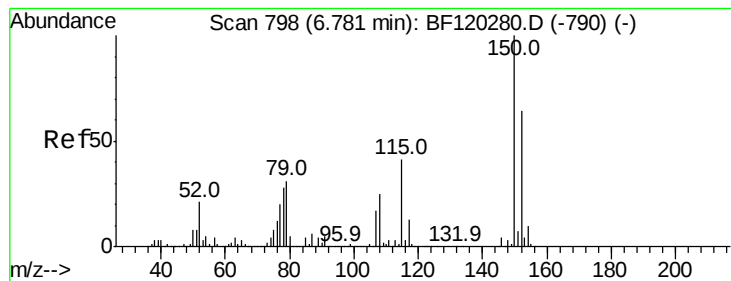
Tot Ion:146 Resp: 978855
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.6 77.4
 111 43.2 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 33.513 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion:146 Resp: 855279
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 45.2 36.6 55.0





#15

Benzyl Alcohol

Concen: 38.264 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

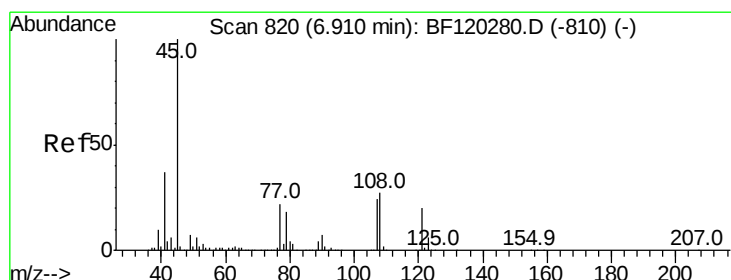
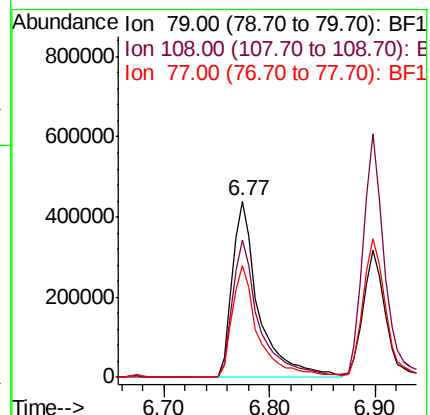
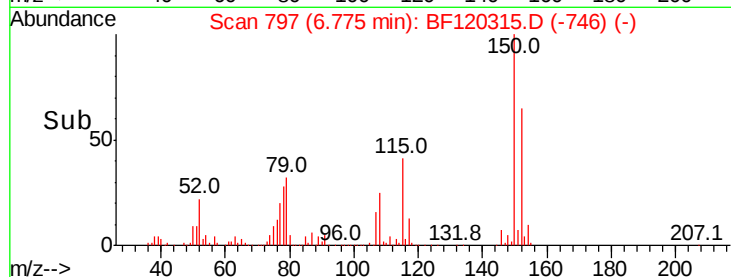
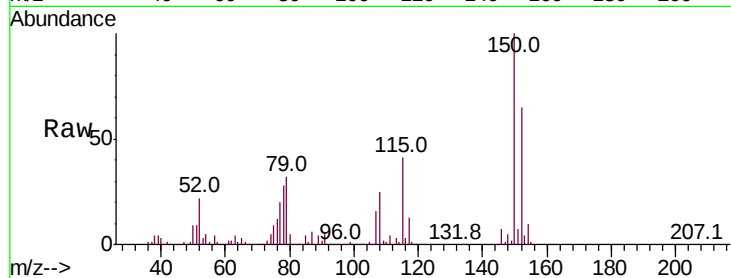
Tot Ion: 79 Resp: 758151

Ion Ratio Lower Upper

79 100

108 77.6 64.2 96.4

77 63.6 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.566 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

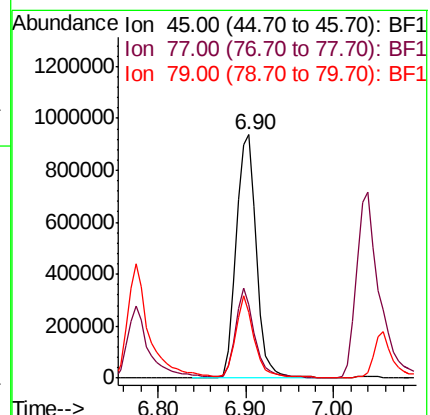
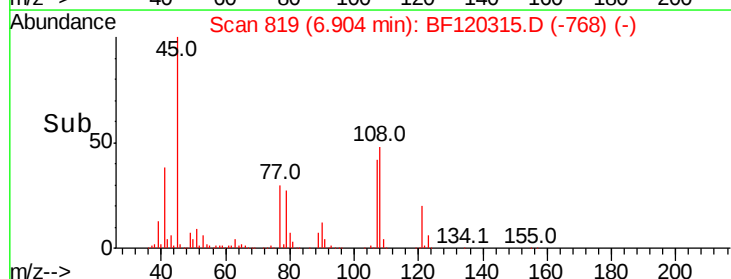
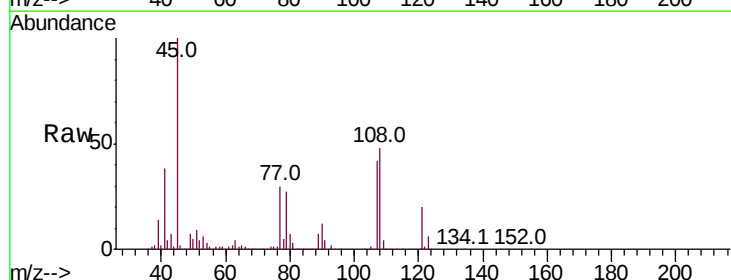
Tgt Ion: 45 Resp: 1457649

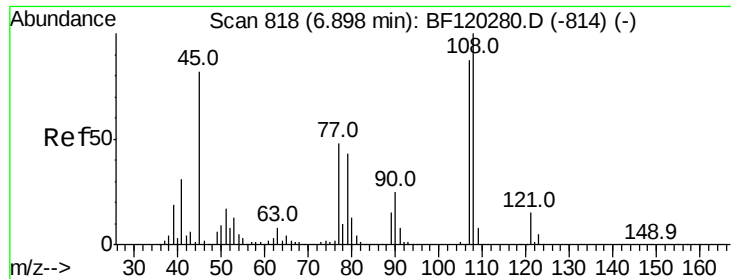
Ion Ratio Lower Upper

45 100

77 30.2 3.1 43.1

79 27.1 0.0 40.0

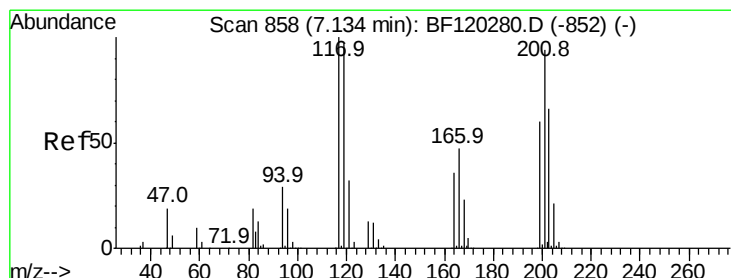
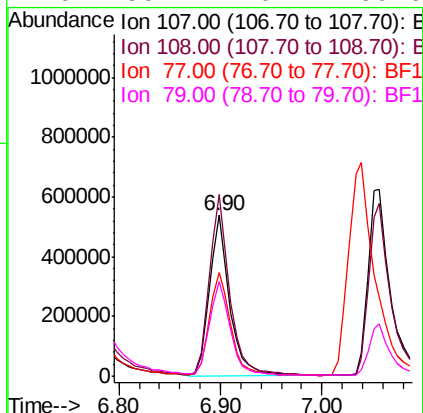
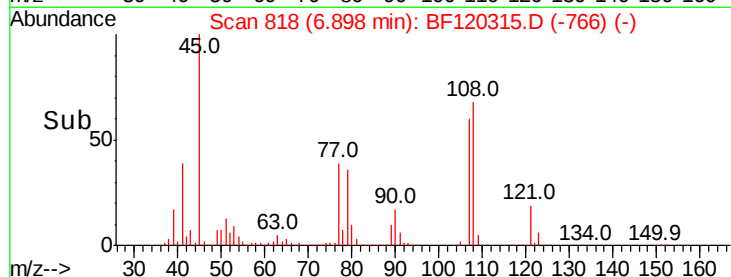
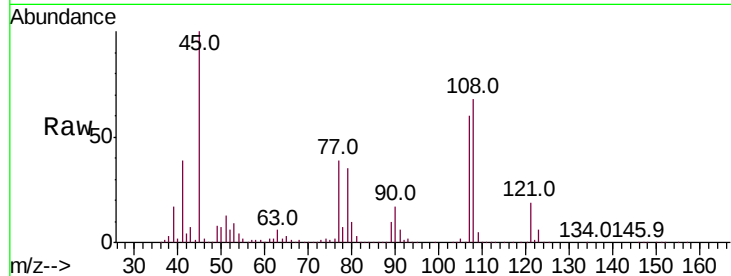




#17
2-Methylphenol
Concen: 34.194 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

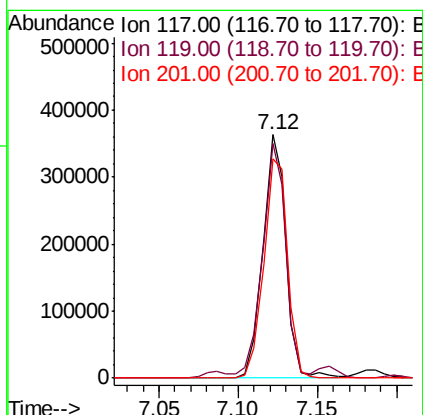
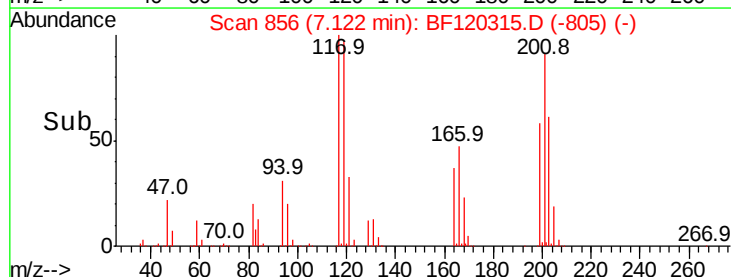
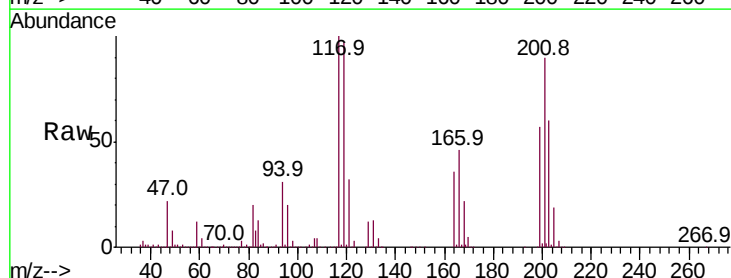
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

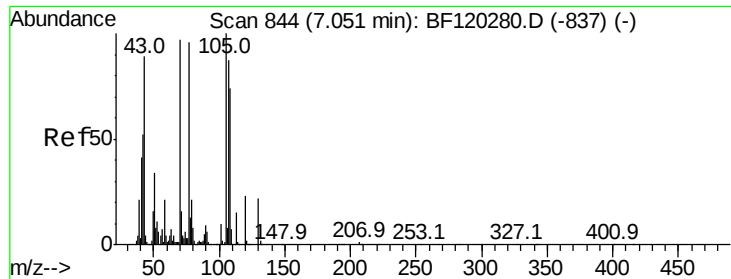
Tot Ion:	107	Resp:	742286
Ion	Ratio	Lower	Upper
107	100		
108	112.7	92.4	138.6
77	64.4	44.5	66.7
79	59.1	40.4	60.6



#18
Hexachloroethane
Concen: 34.455 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:	117	Resp:	371987
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	90.1	74.9	112.3

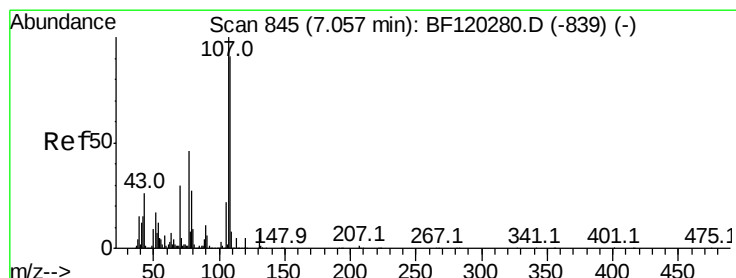
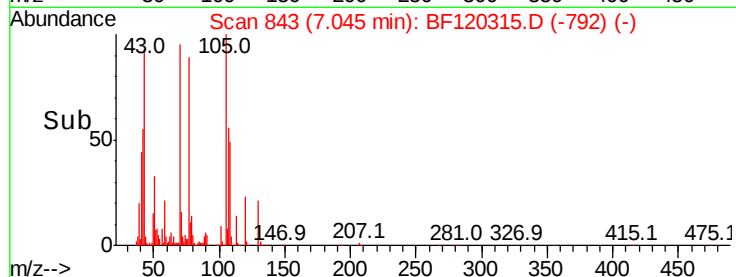
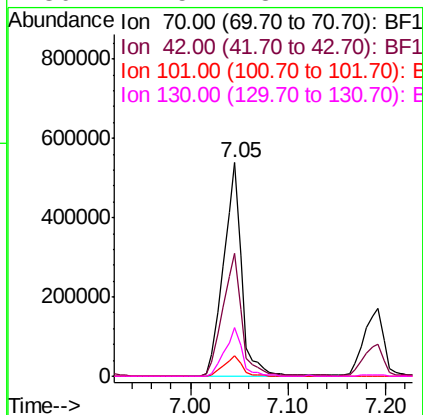
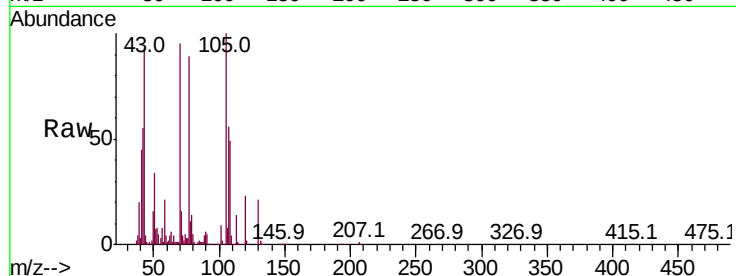




#19
n-Nitroso-di-n-propylamine
Concen: 38.281 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

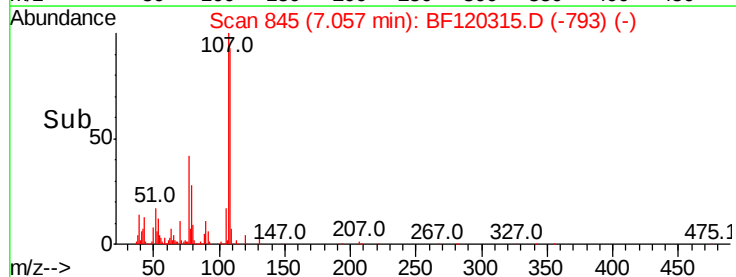
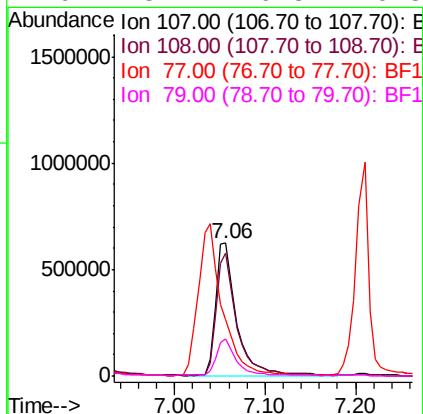
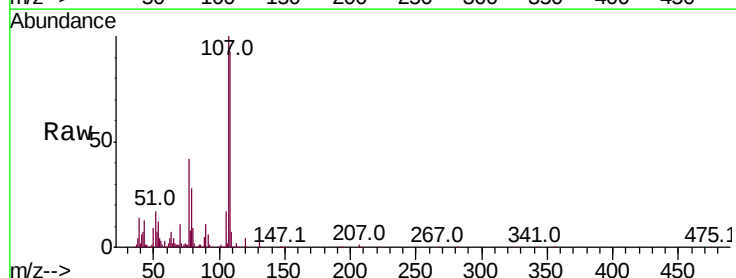
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

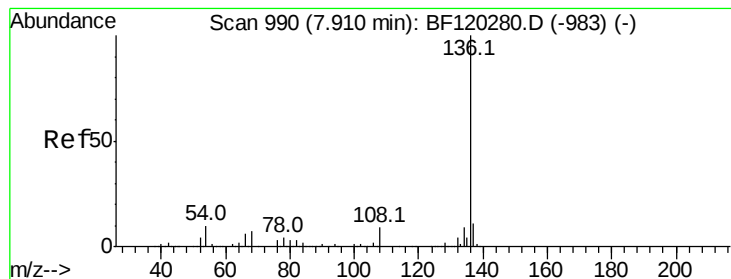
Tot Ion:	70	Resp:	699453
Ion	Ratio	Lower	Upper
70	100		
42	57.7	43.4	65.0
101	9.7	7.8	11.8
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 34.834 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:	107	Resp:	983125
Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.1	111.1
77	42.3	28.1	68.1
79	28.4	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

Tot Ion:136 Resp: 1800277

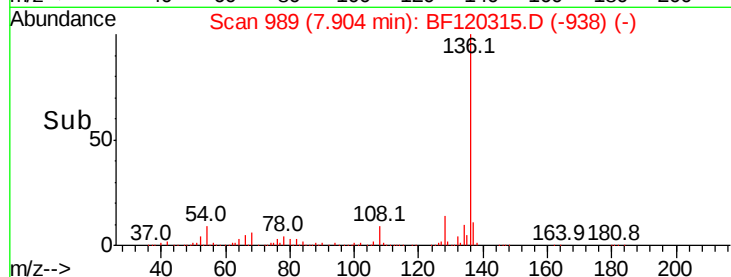
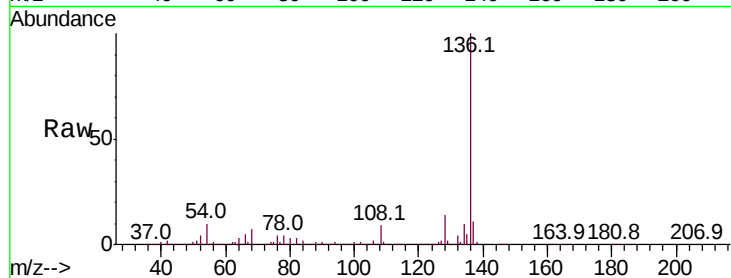
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.5 7.9 11.9

68 6.6 5.4 8.2

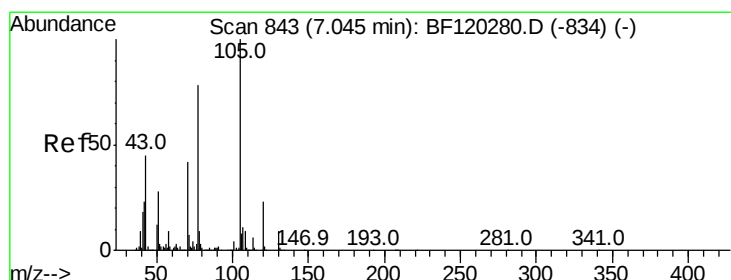
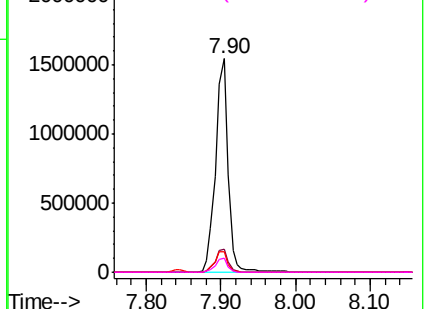


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.383 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Tgt Ion:105 Resp: 1378727

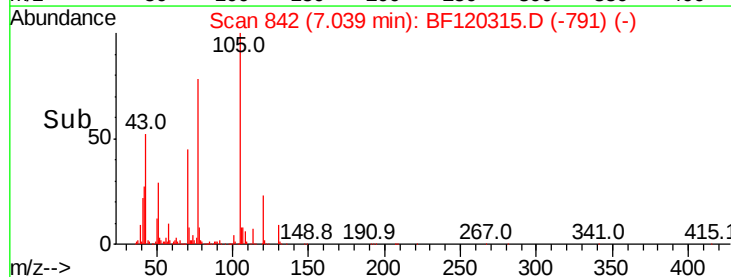
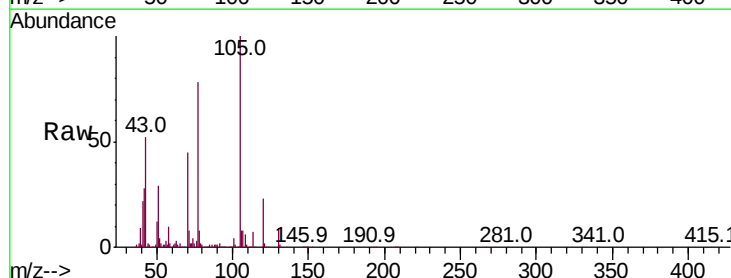
Ion Ratio Lower Upper

105 100

71 7.9 5.6 8.4

51 29.4 22.6 34.0

120 23.3 18.7 28.1

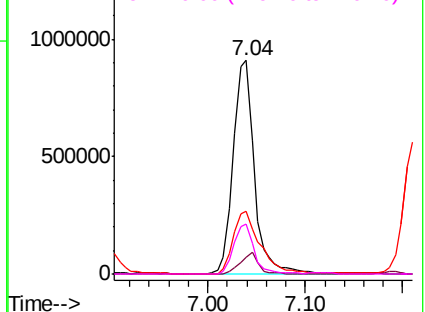


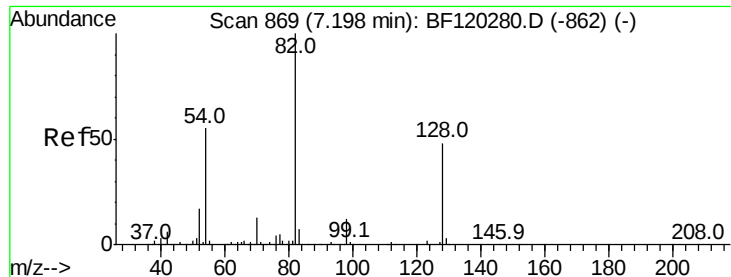
Abundance Ion 105.00 (104.70 to 105.70): E

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

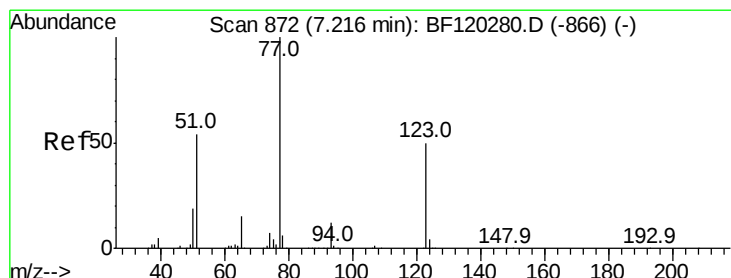
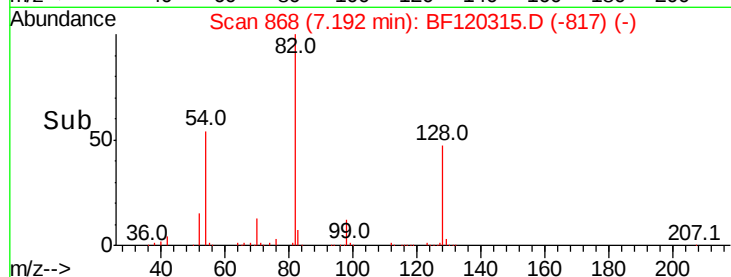
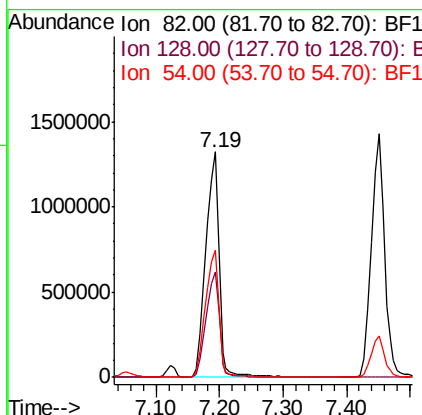
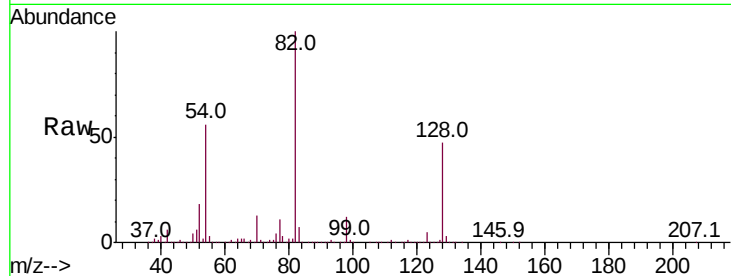




#23
Nitrobenzene-d5
Concen: 73.403 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

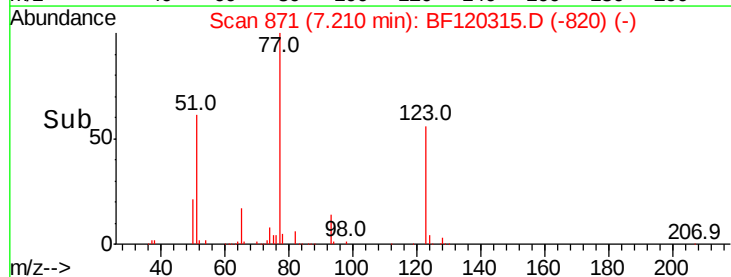
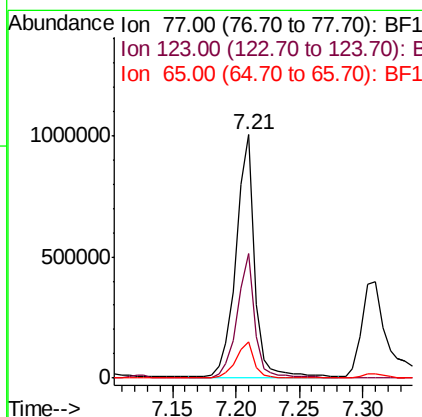
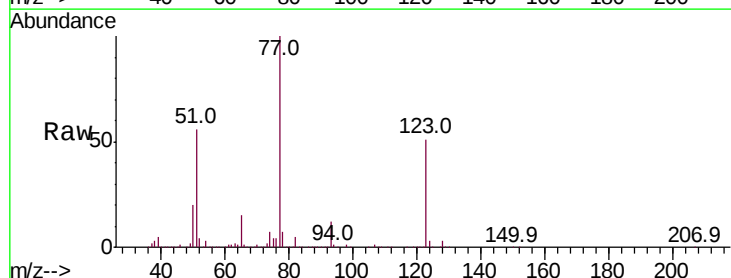
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

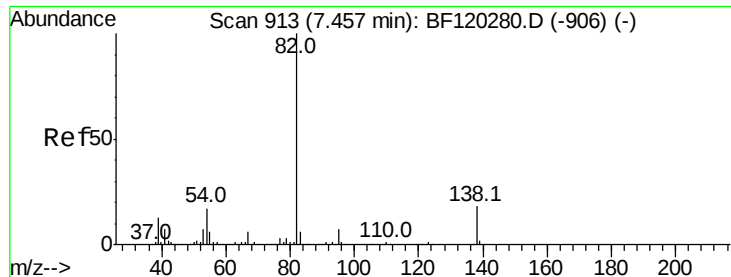
Tot Ion: 82 Resp: 1930068
Ion Ratio Lower Upper
82 100
128 47.0 38.3 57.5
54 56.2 43.9 65.9



#24
Nitrobenzene
Concen: 36.017 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion: 77 Resp: 1019217
Ion Ratio Lower Upper
77 100
123 51.1 40.0 60.0
65 15.0 11.7 17.5





#25

Isophorone

Concen: 37.049 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

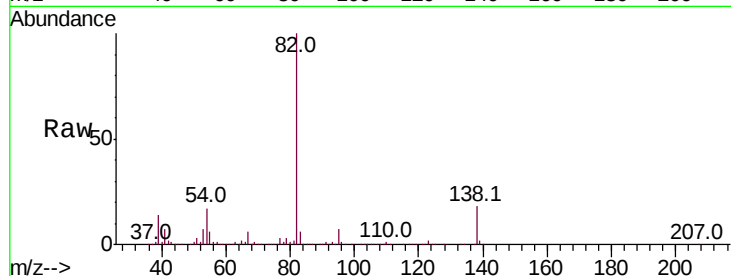
Tot Ion: 82 Resp: 2026945

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

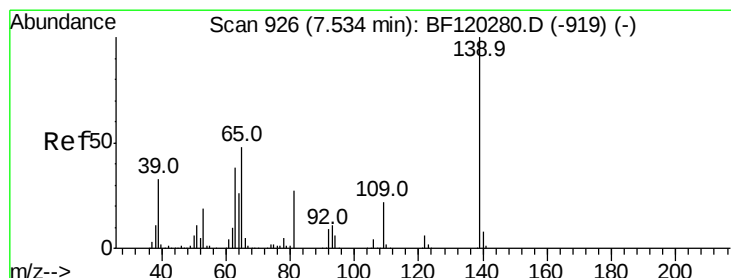
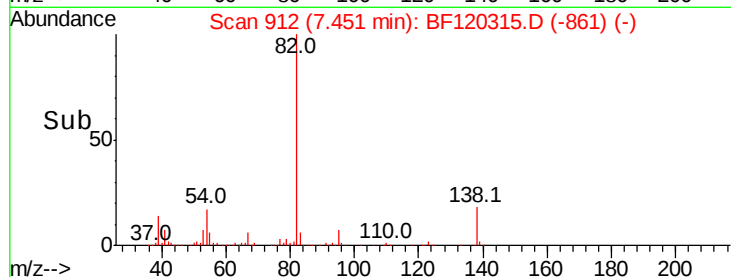
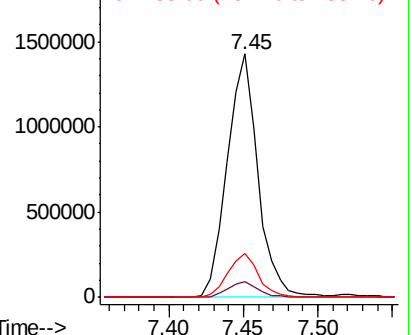
138 17.9 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.891 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

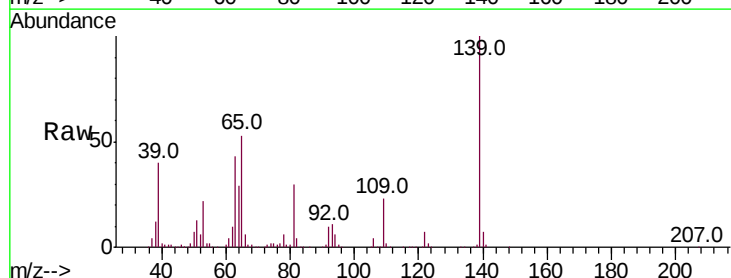
Tgt Ion: 139 Resp: 560783

Ion Ratio Lower Upper

139 100

109 23.3 17.7 26.5

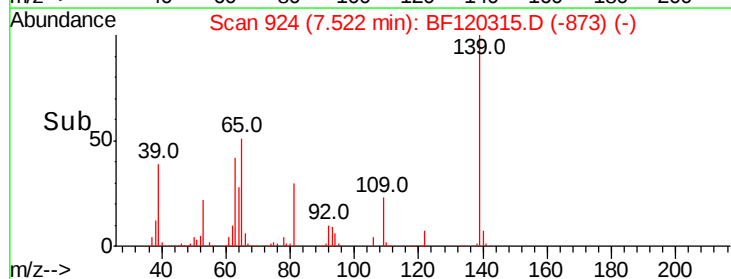
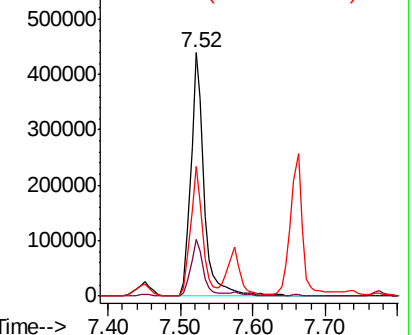
65 53.0 38.3 57.5

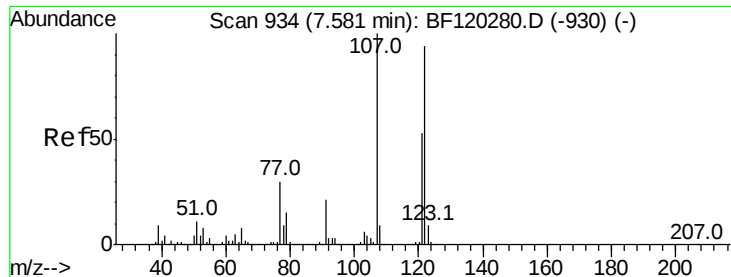


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.943 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

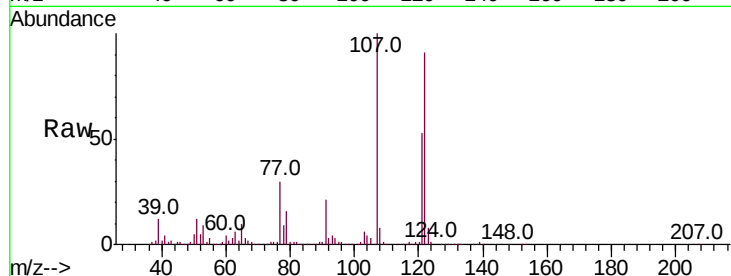
Tot Ion:122 Resp: 946055

Ion Ratio Lower Upper

122 100

107 110.4 85.0 127.6

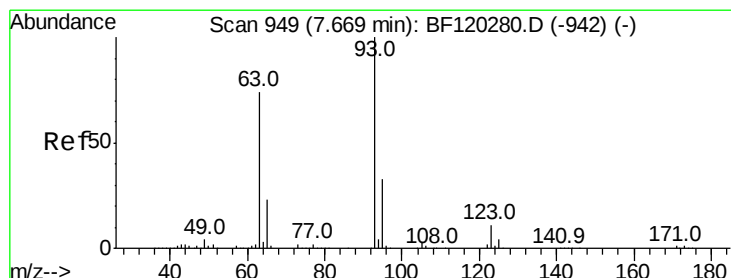
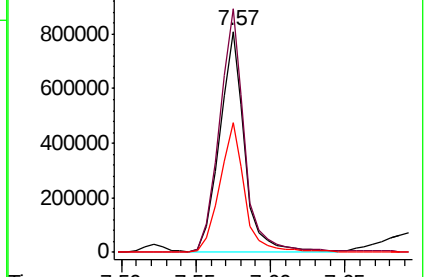
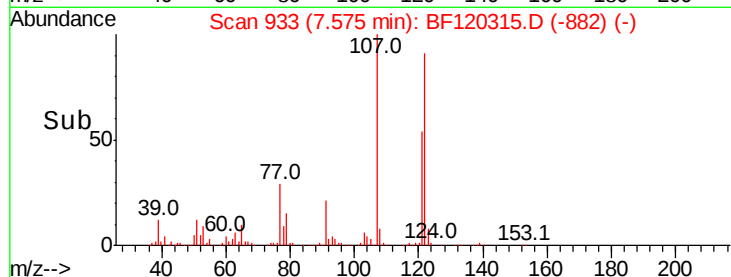
121 58.9 45.1 67.7



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: 37.446 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

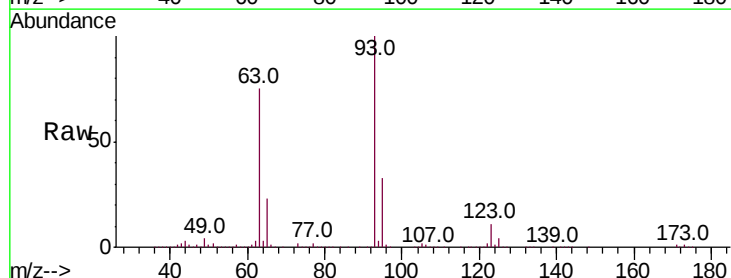
Tgt Ion: 93 Resp: 1287700

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

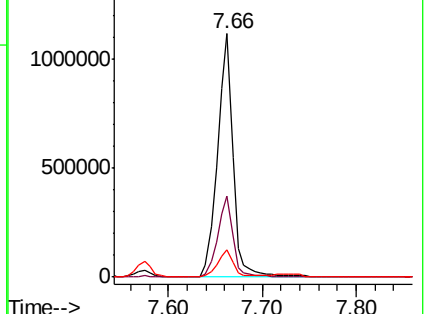
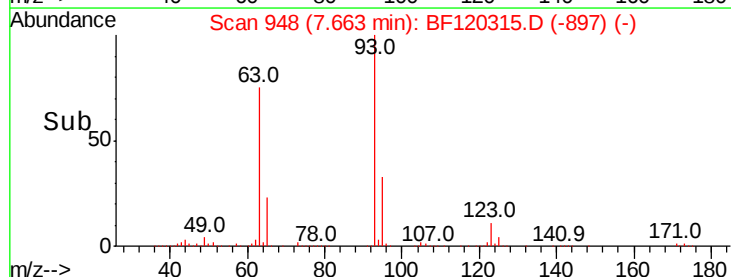
123 11.0 9.2 13.8

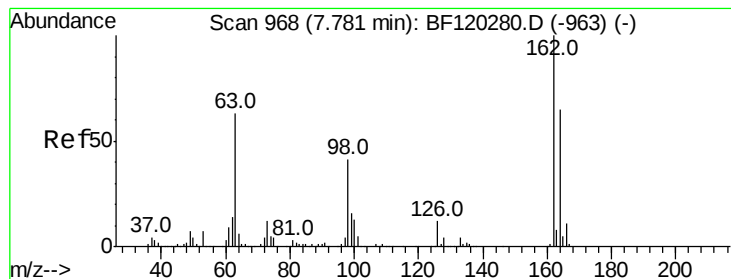


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.595 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

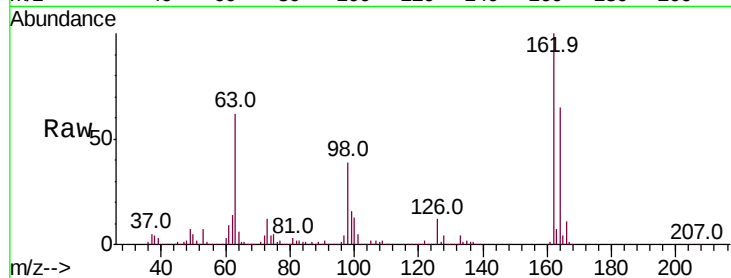
Tot Ion:162 Resp: 809173

Ion Ratio Lower Upper

162 100

164 65.3 44.9 84.9

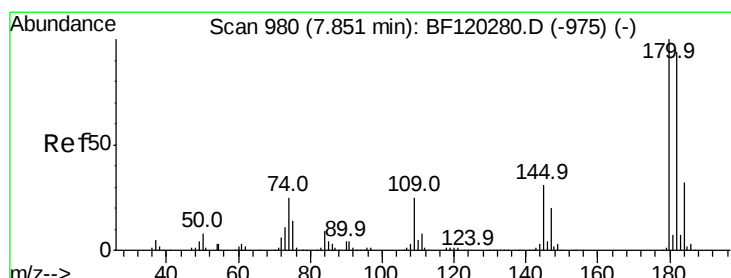
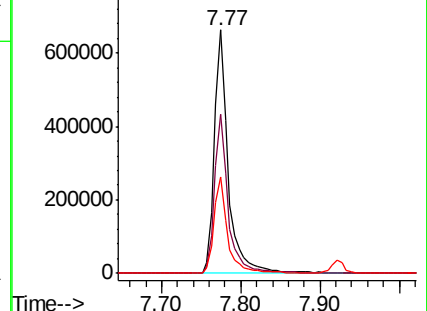
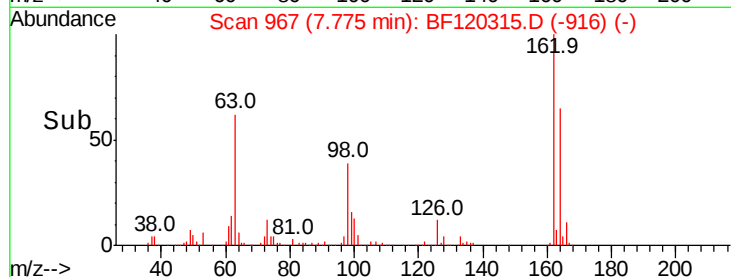
98 39.4 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 35.752 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

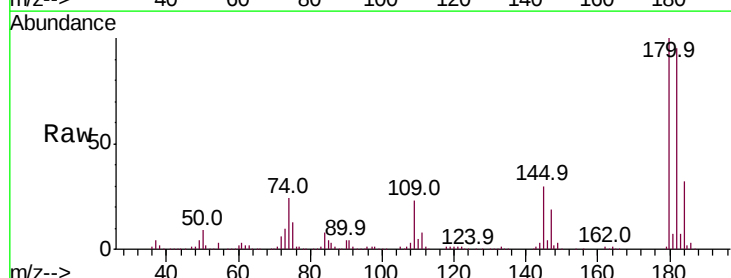
Tgt Ion:180 Resp: 876028

Ion Ratio Lower Upper

180 100

182 94.8 75.3 112.9

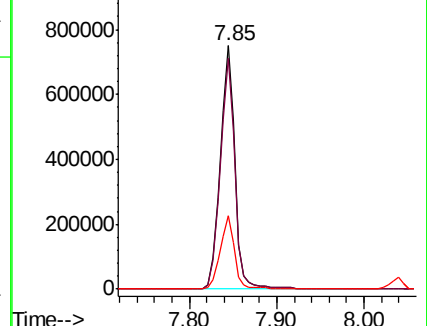
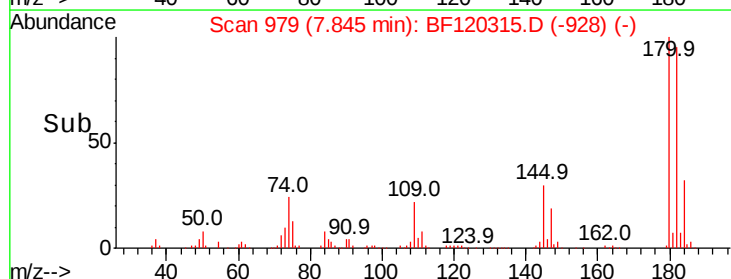
145 30.2 24.9 37.3

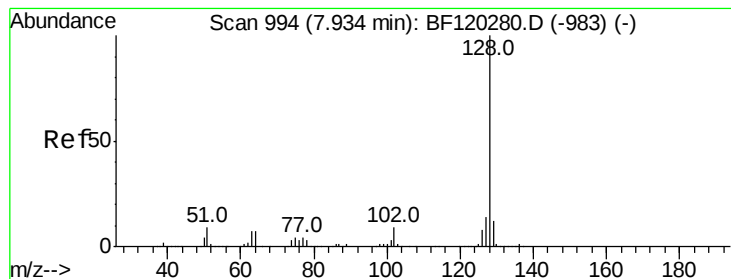


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.305 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

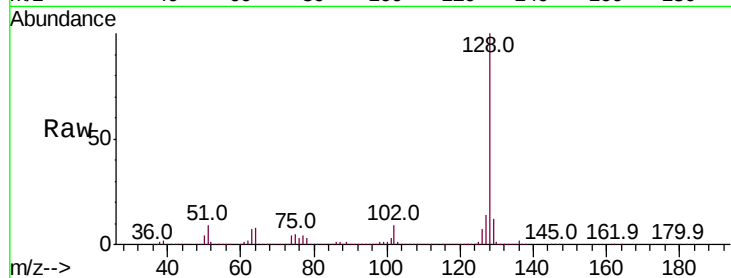
BNA_F

ClientSampleId :

EO-01-051320MS

Tot Ion:128 Resp: 2834460

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.6	11.2	16.8

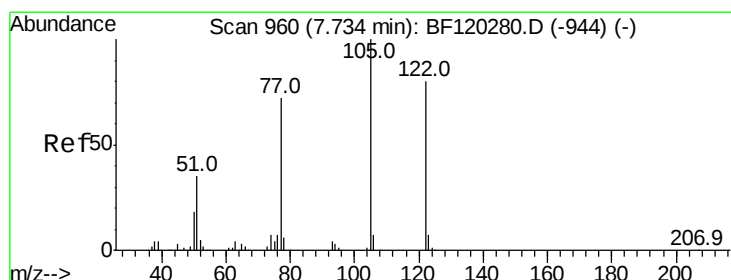
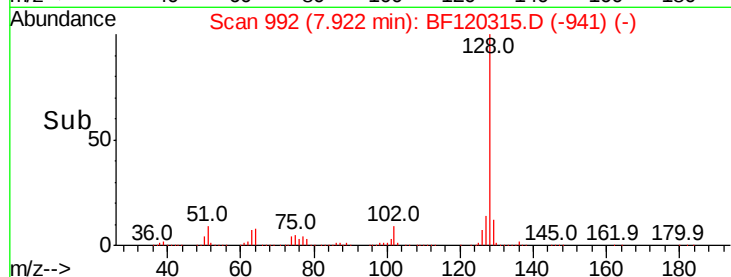
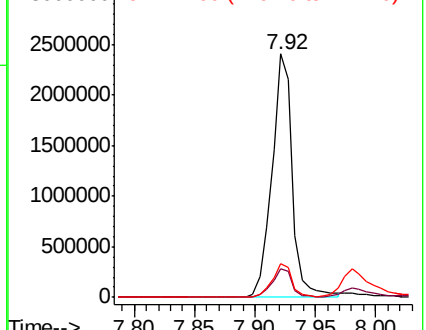


Abundance

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: 33.460 ng

RT: 7.74 min Scan# 961

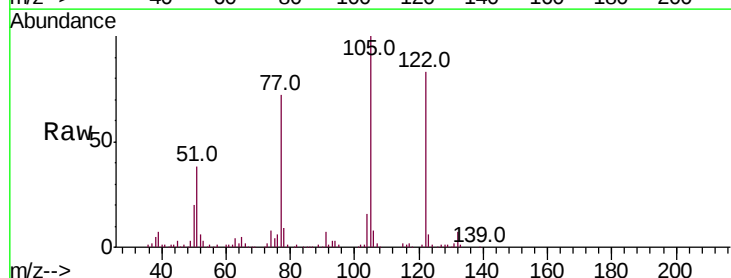
Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Tgt Ion:122 Resp: 472174

Ion	Ratio	Lower	Upper
122	100		
105	120.1	98.1	138.1
77	86.2	66.7	106.7

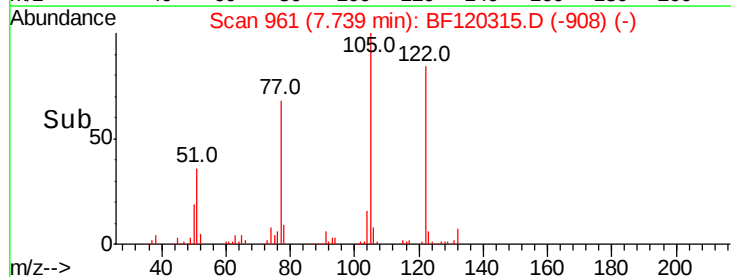
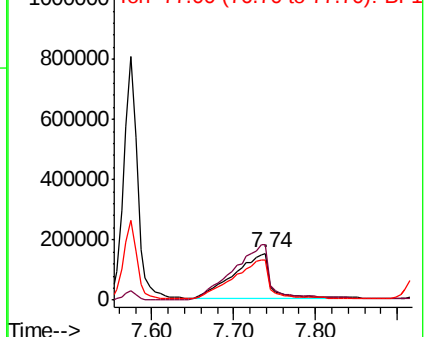


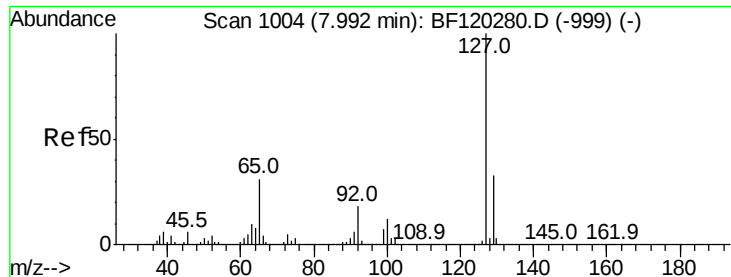
Abundance

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

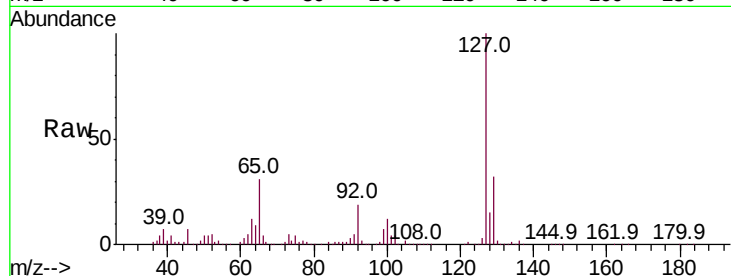




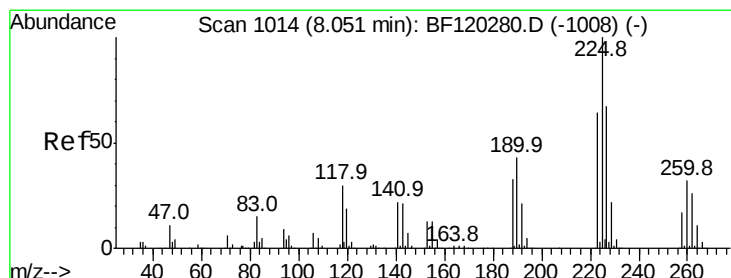
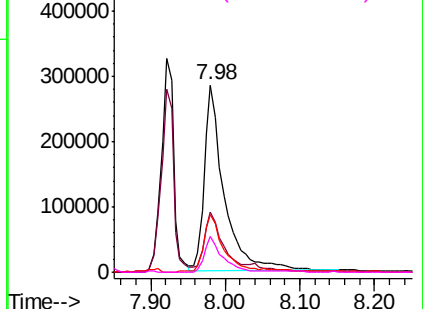
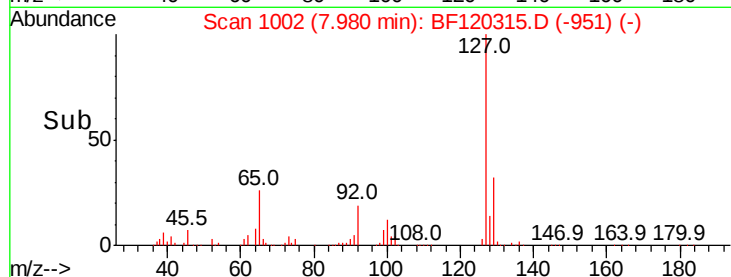
#33
4-Chloroaniline
Concen: 15.338 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

Tot Ion:	127	Resp:	531099
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	30.9	24.8	37.2
92	19.0	14.5	21.7

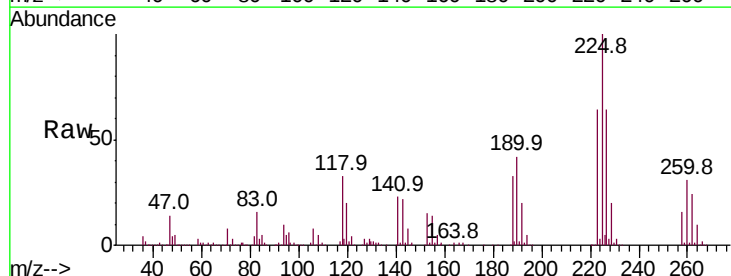


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

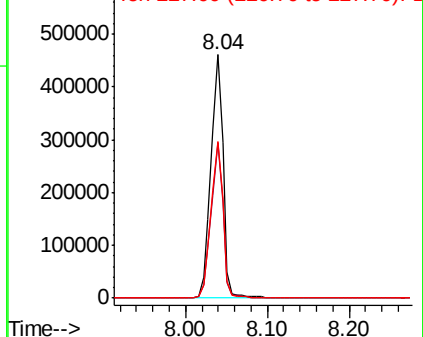
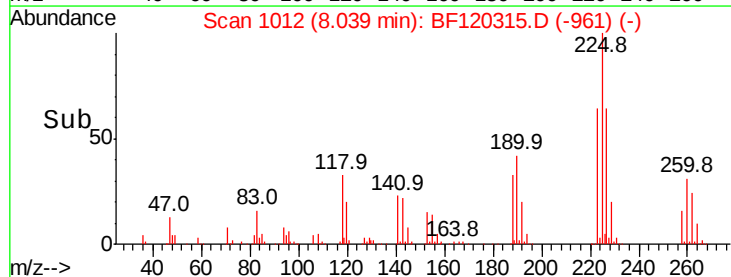


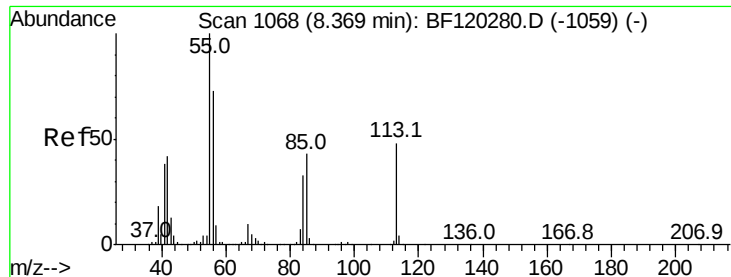
#34
Hexachlorobutadiene
Concen: 33.829 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:	225	Resp:	479105
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.1	54.0	81.0



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

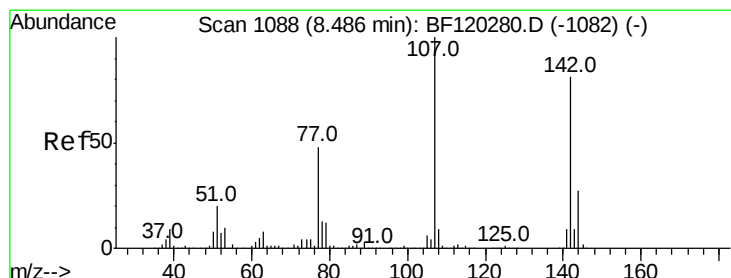
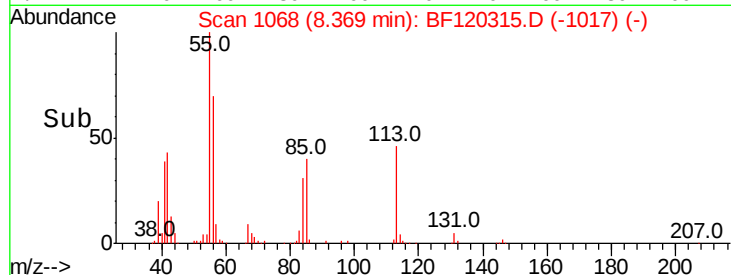
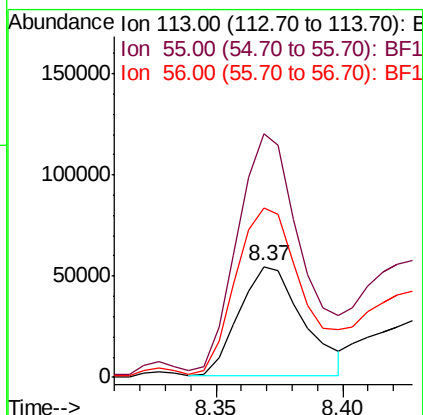
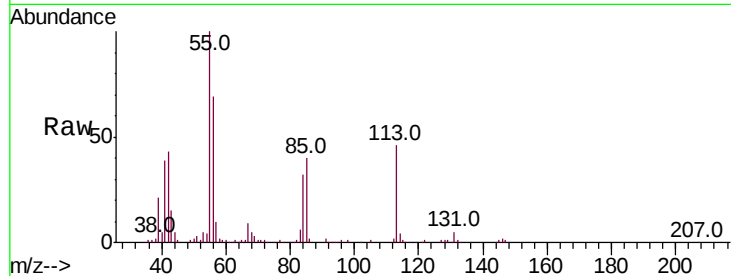




#35
 Caprolactam
 Concen: 12.977 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

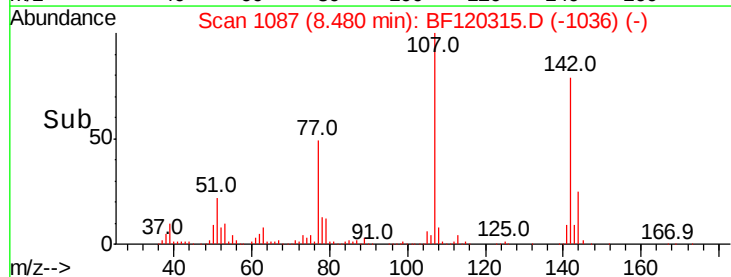
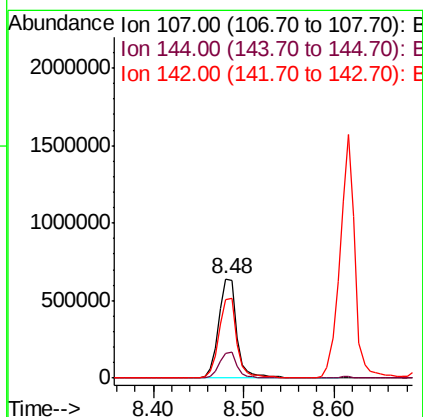
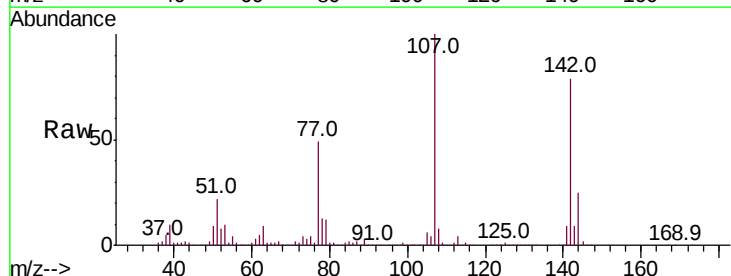
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

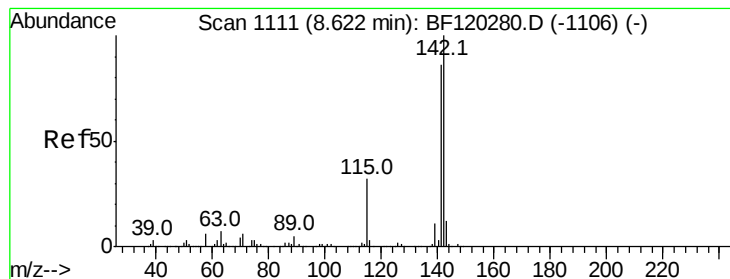
Tot Ion:113 Resp: 93876
 Ion Ratio Lower Upper
 113 100
 55 219.7 190.4 230.4
 56 152.5 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.899 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion:107 Resp: 882625
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.4 32.2
 142 79.4 65.1 97.7





#37

2-Methylnaphthalene

Concen: 35.192 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

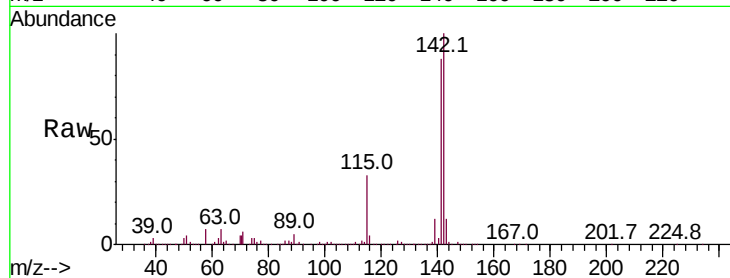
Tot Ion:142 Resp: 1829802

Ion Ratio Lower Upper

142 100

141 88.5 68.8 103.2

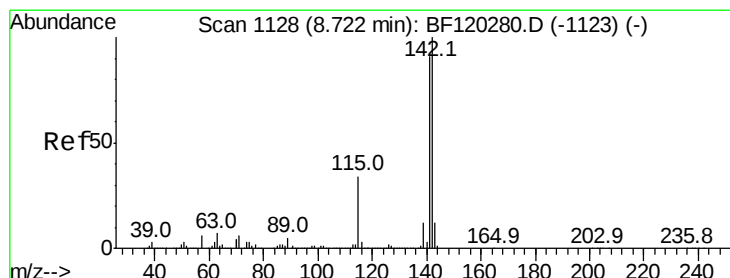
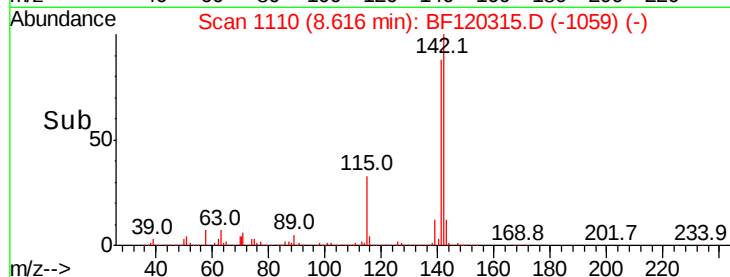
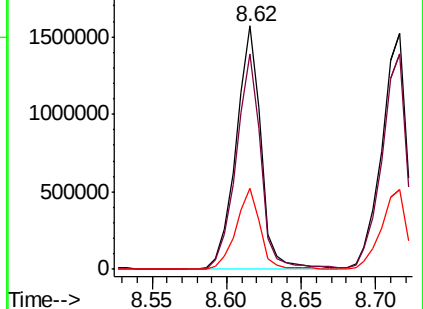
115 33.3 25.7 38.5



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: 35.974 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

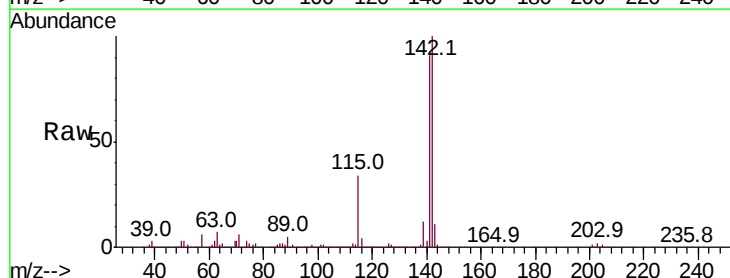
Tgt Ion:142 Resp: 1814135

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.6

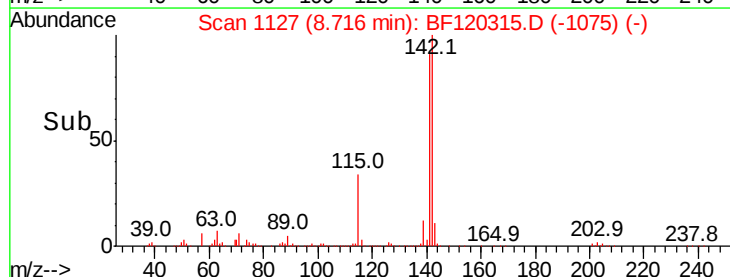
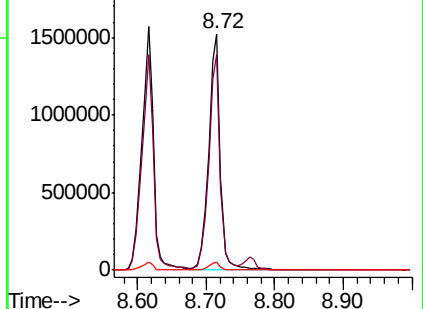
116 3.5 2.7 4.1

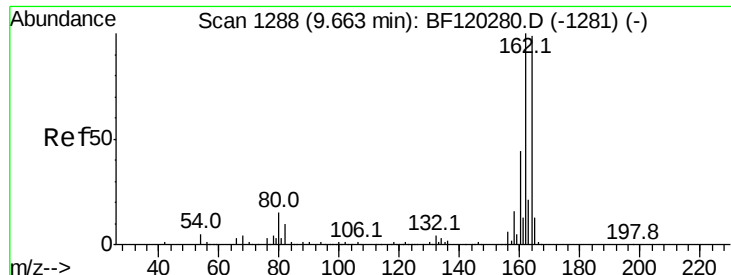


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

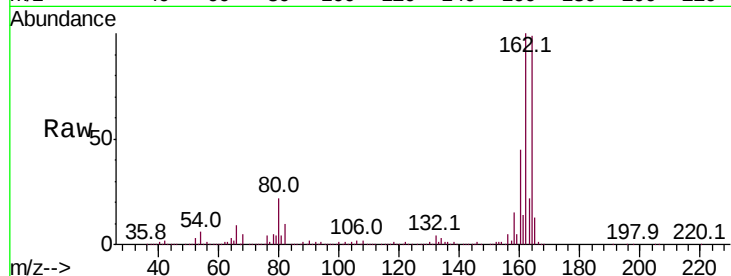




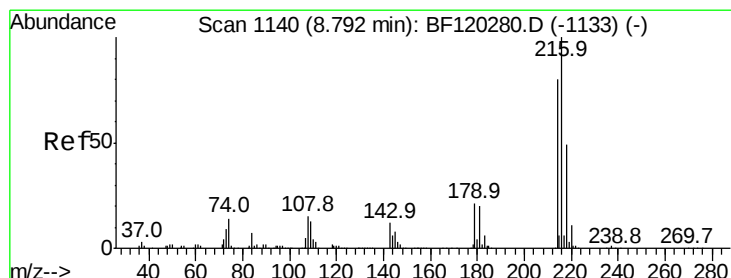
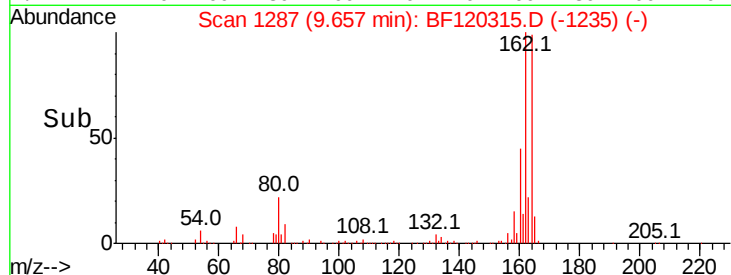
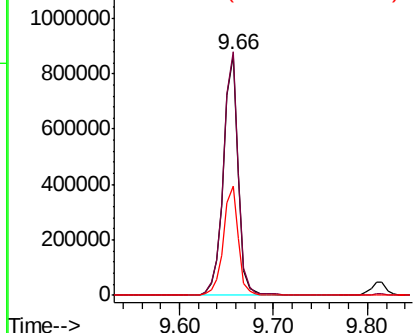
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

Tot Ion:164 Resp: 953356
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.2 121.8
 160 45.4 35.8 53.6

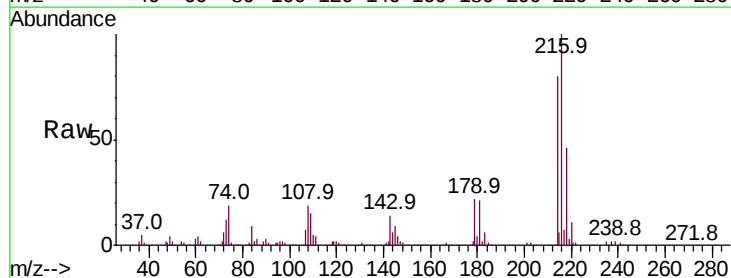


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

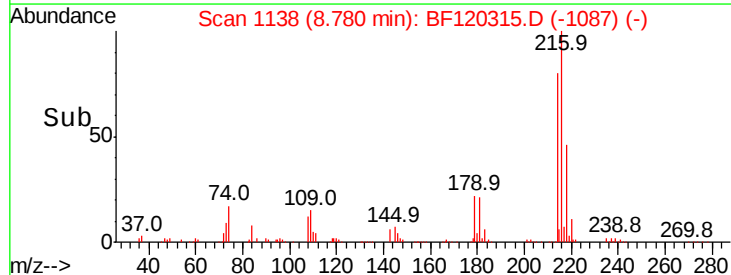
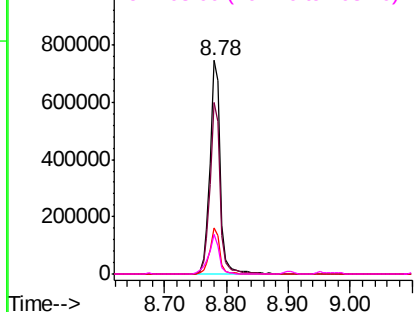


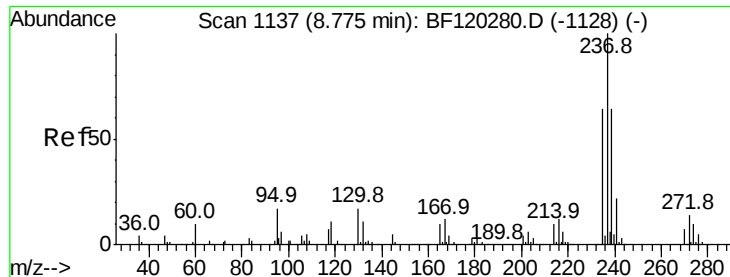
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.880 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion:216 Resp: 838483
 Ion Ratio Lower Upper
 216 100
 214 79.8 64.0 96.0
 179 20.9 16.9 25.3
 108 18.8 14.2 21.2



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: 64.181 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

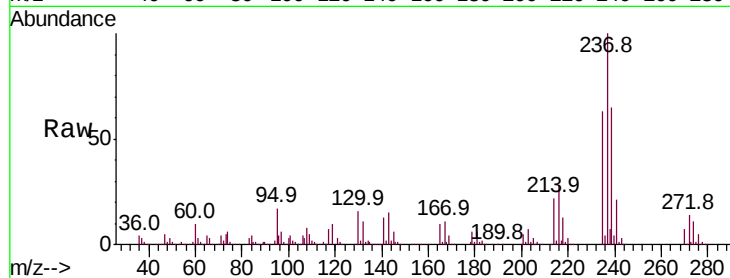
Tot Ion:237 Resp: 622273

Ion Ratio Lower Upper

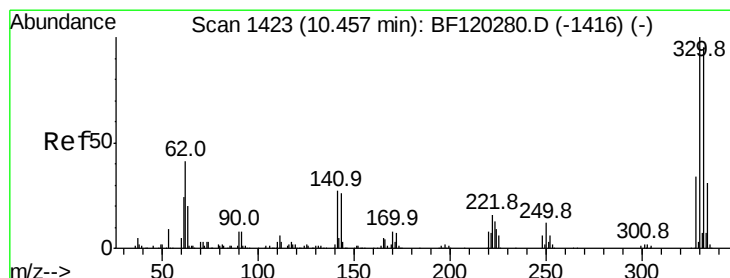
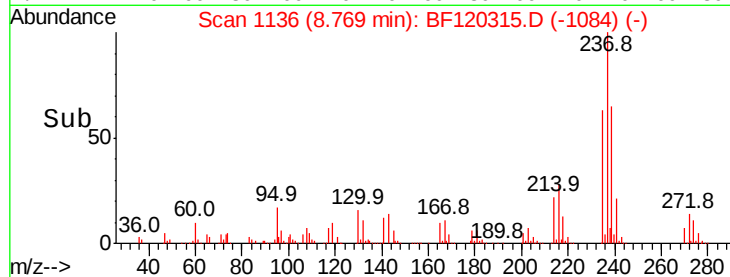
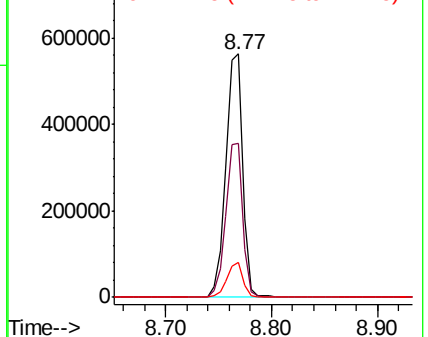
237 100

235 63.2 43.8 83.8

272 14.3 0.0 33.9



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: 105.502 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

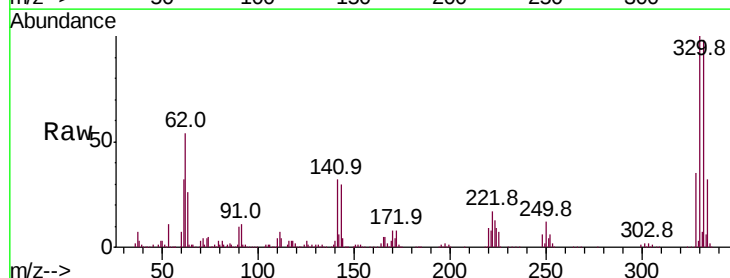
Tgt Ion:330 Resp: 820085

Ion Ratio Lower Upper

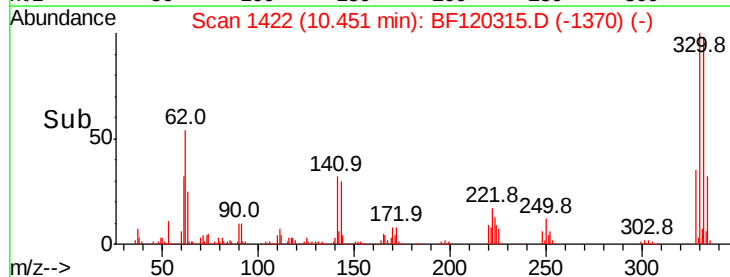
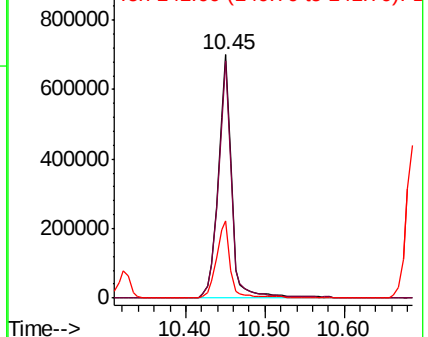
330 100

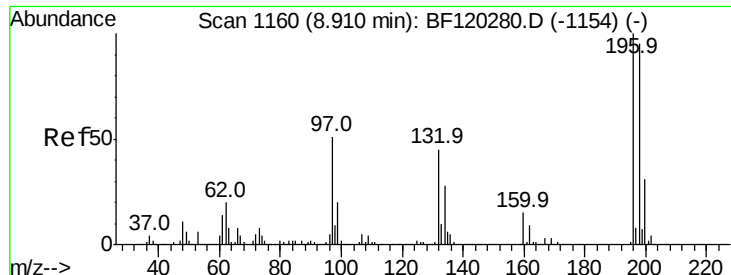
332 96.4 76.5 114.7

141 32.0 25.4 38.0



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

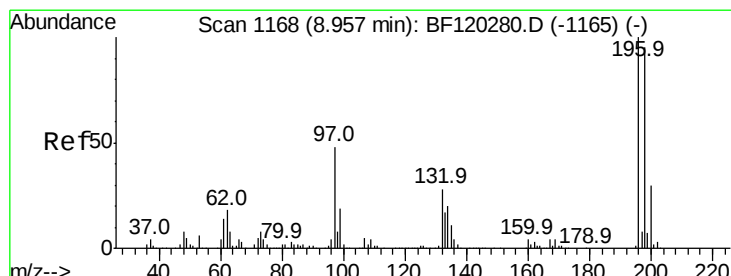
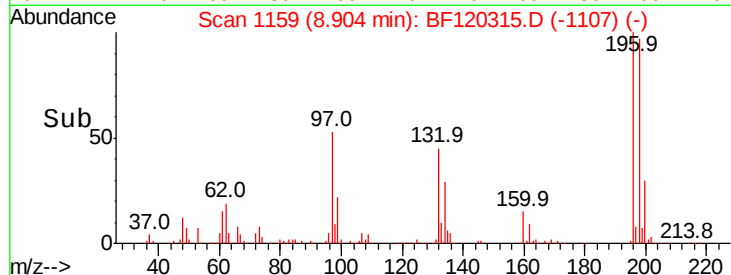
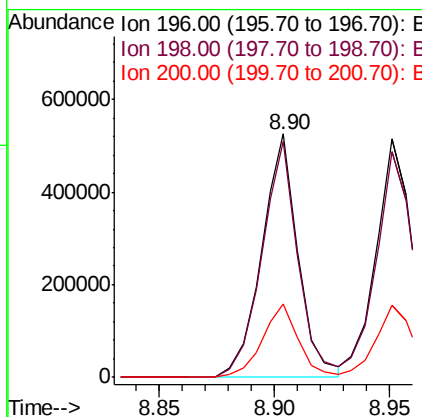
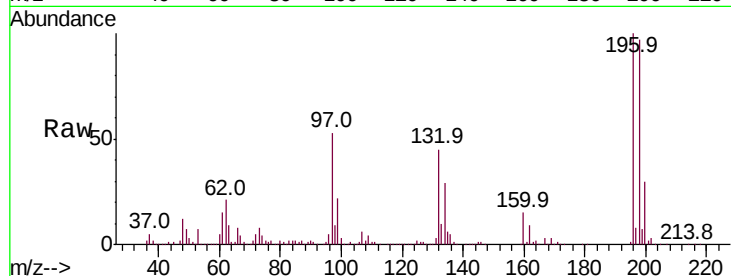




#43
 2,4,6-Trichlorophenol
 Concen: 35.641 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

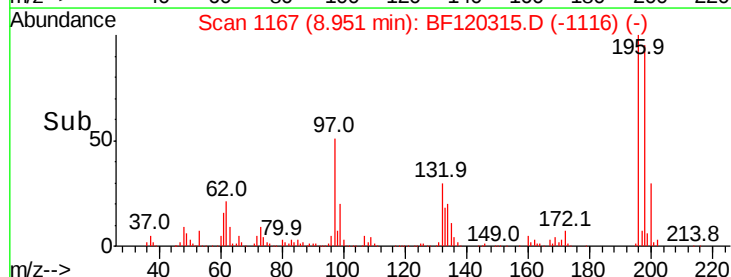
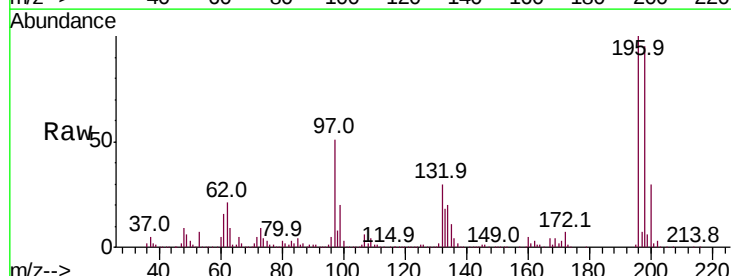
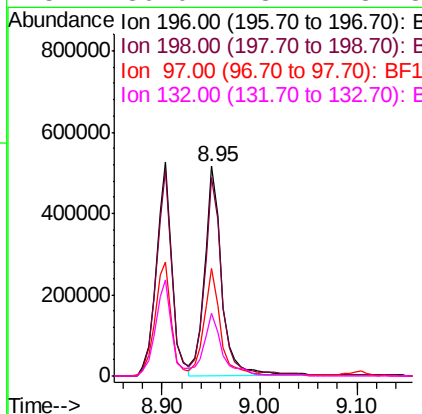
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

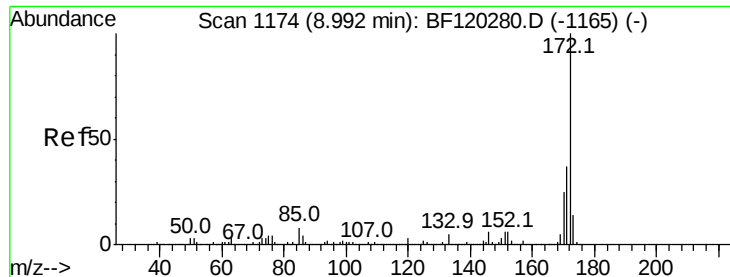
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
200	29.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 33.400 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.4
97	51.2	38.6	57.8
132	30.0	23.2	34.8

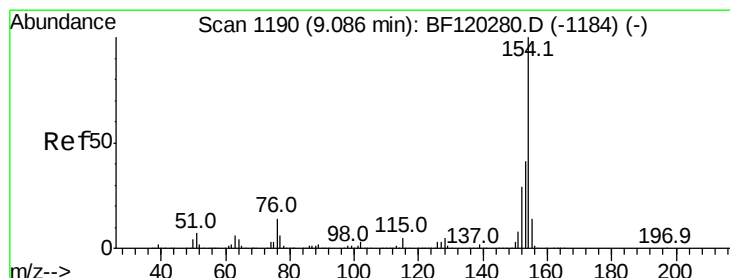
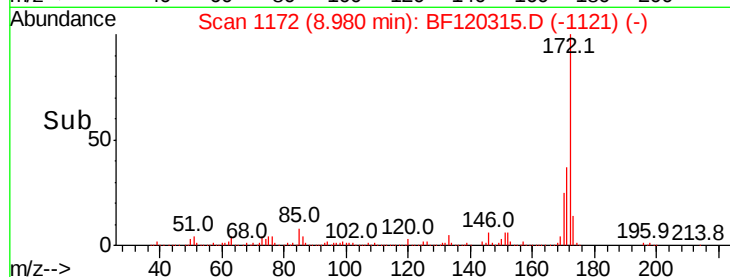
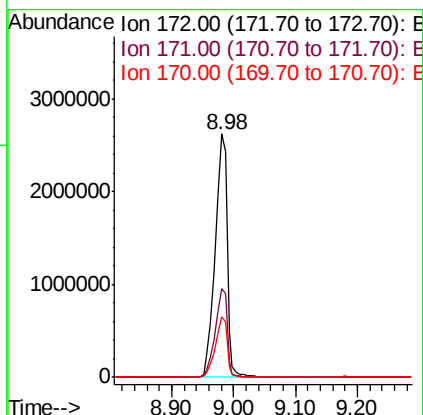
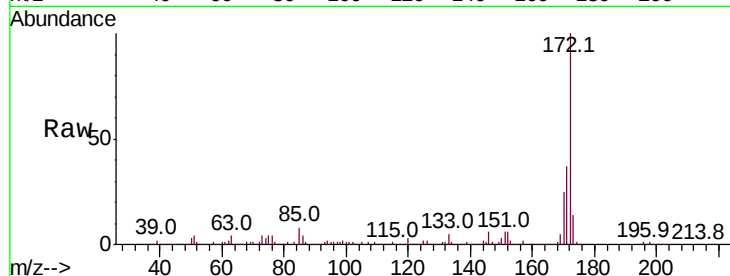




#45
2-Fluorobiphenyl
Concen: 74.893 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

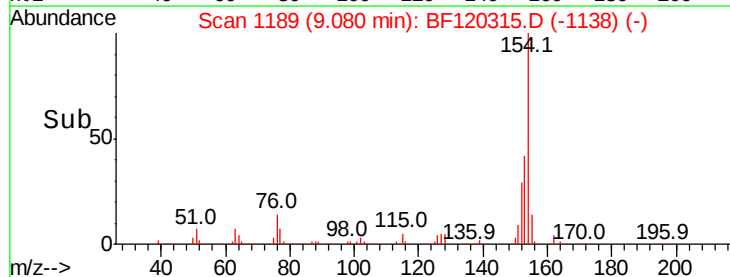
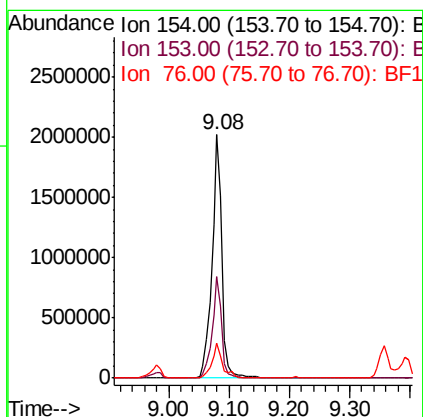
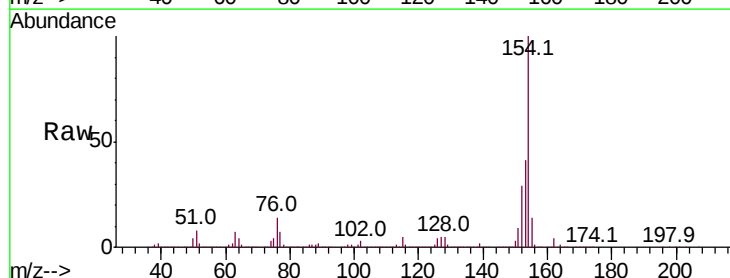
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

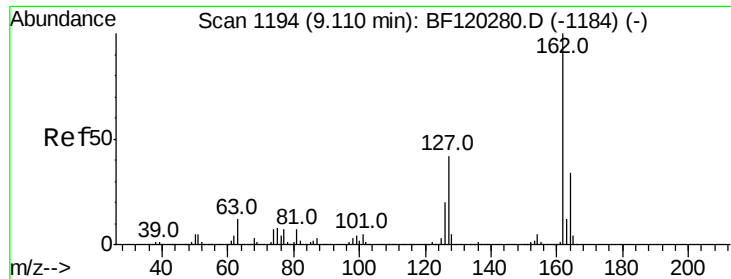
Tot Ion:172 Resp: 3475315
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 25.0 19.9 29.9



#46
1,1'-Biphenyl
Concen: 36.922 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:154 Resp: 2306358
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 14.4 0.0 34.3

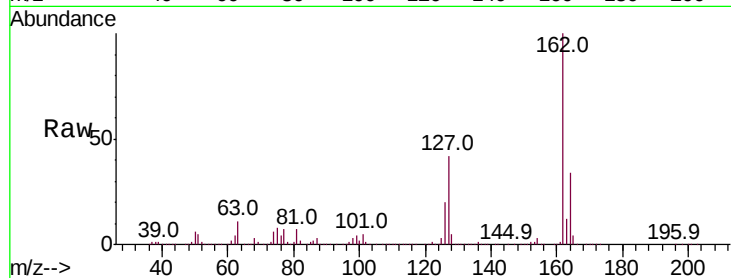




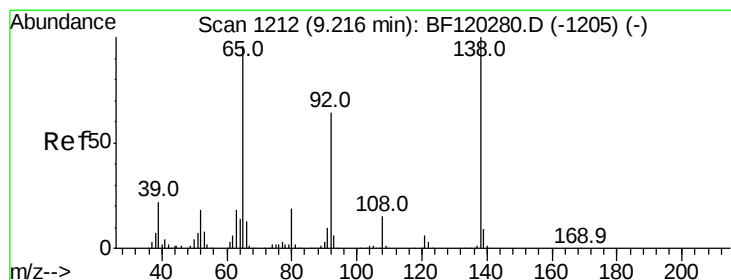
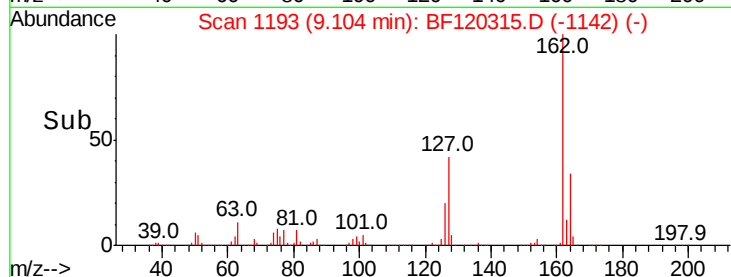
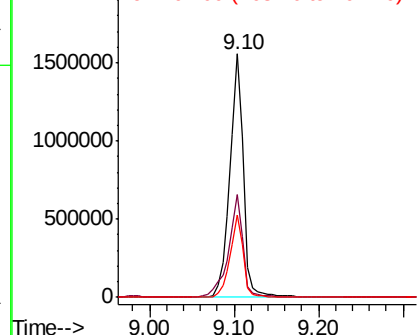
#47
 2-Chloronaphthalene
 Concen: 34.412 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

Tot Ion:162 Resp: 1724246
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.4 50.0
 164 33.6 27.0 40.6

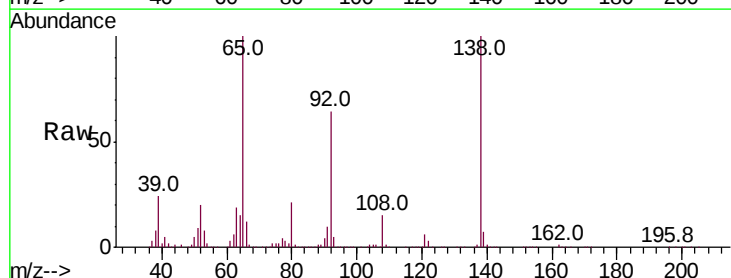


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

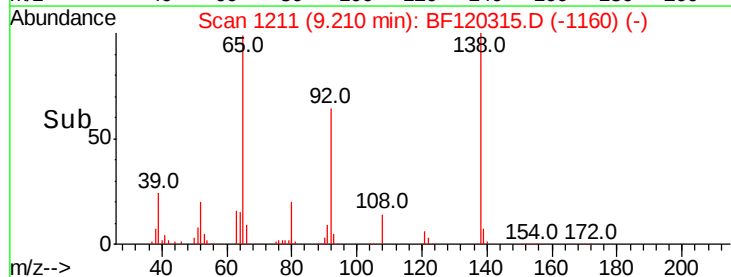
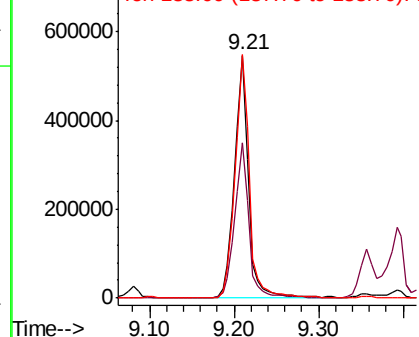


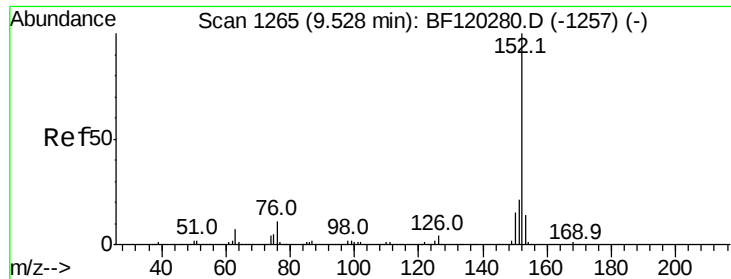
#48
 2-Nitroaniline
 Concen: 33.957 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion: 65 Resp: 620804
 Ion Ratio Lower Upper
 65 100
 92 64.1 52.9 79.3
 138 100.4 83.0 124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.489 ng

RT: 9.52 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

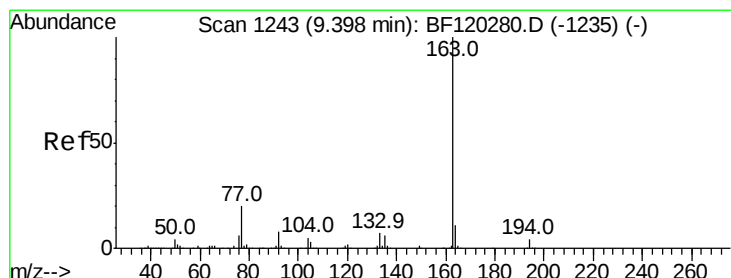
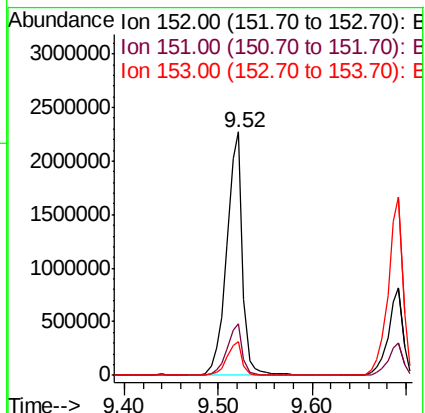
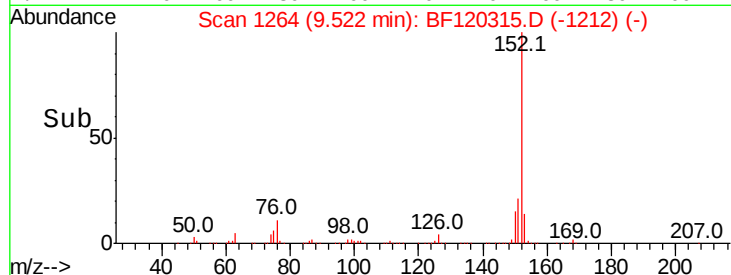
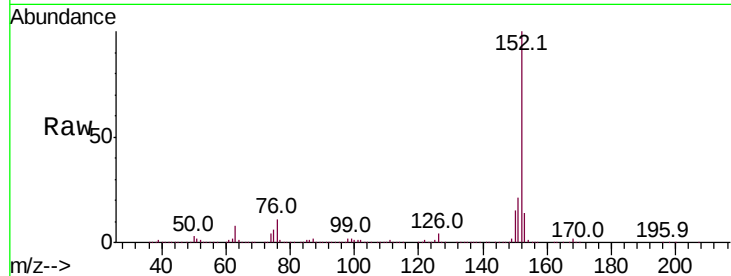
Tot Ion:152 Resp: 2639741

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 38.381 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

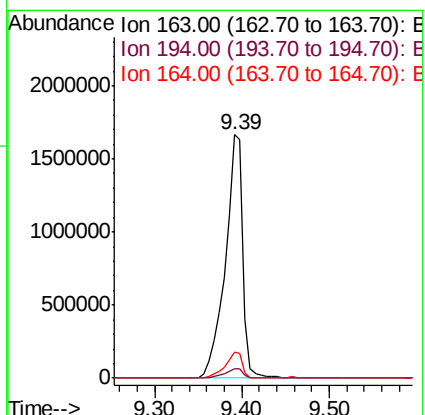
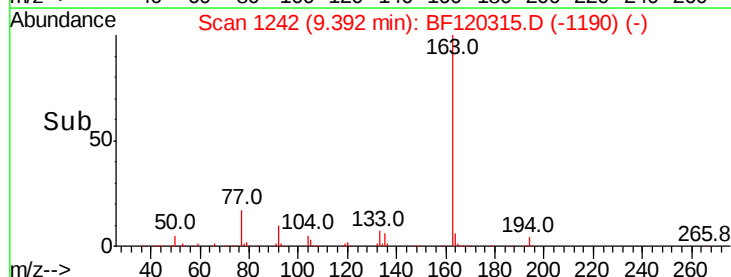
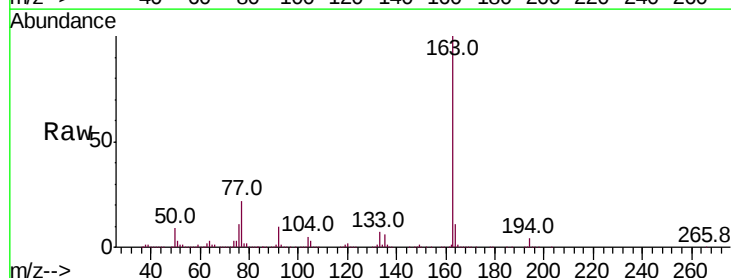
Tgt Ion:163 Resp: 2313080

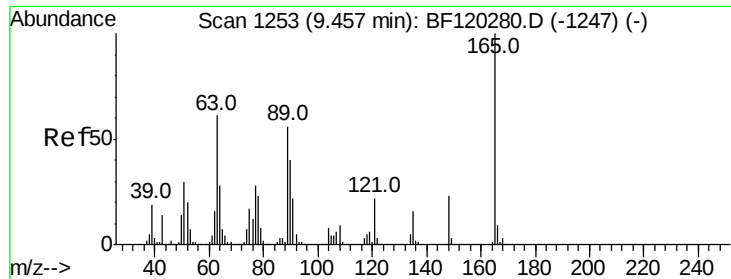
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.7 8.6 12.8

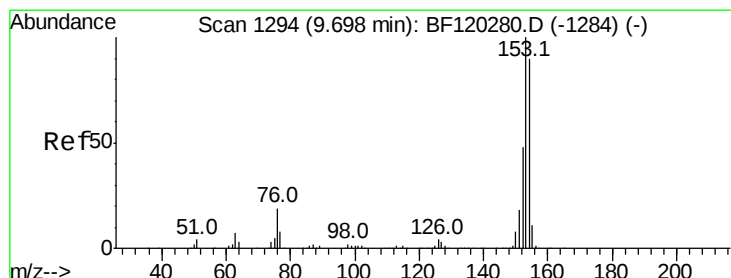
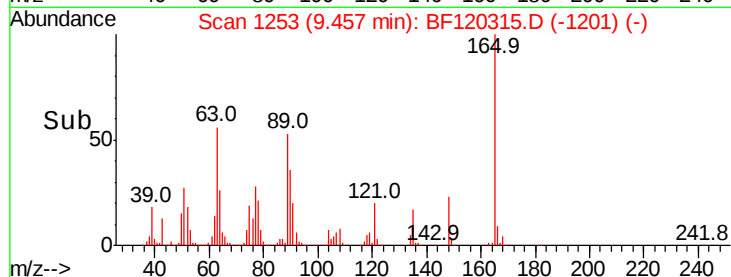
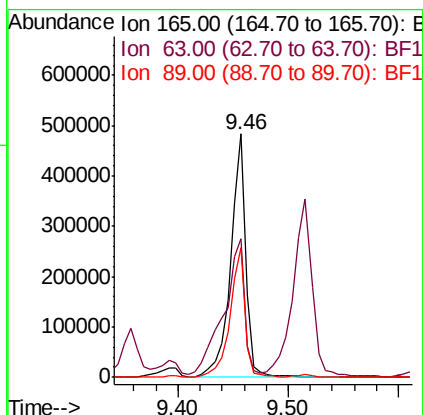
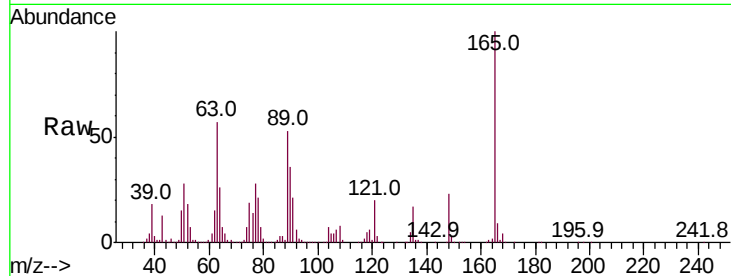




#51
 2,6-Dinitrotoluene
 Concen: 34.584 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

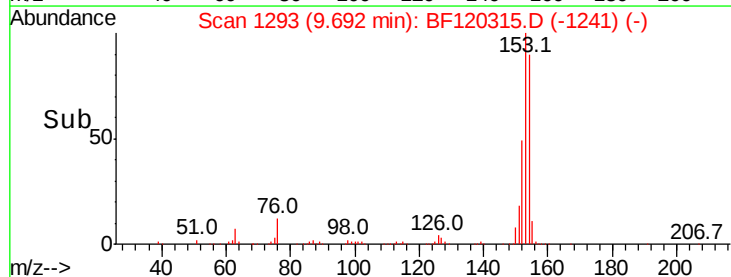
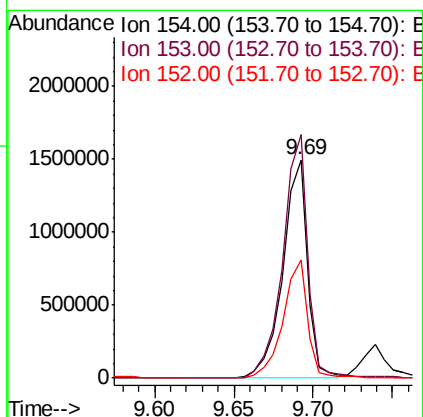
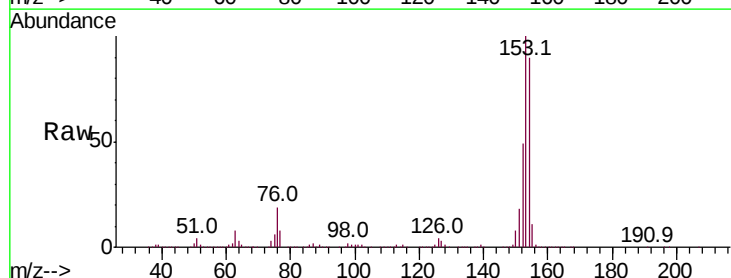
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

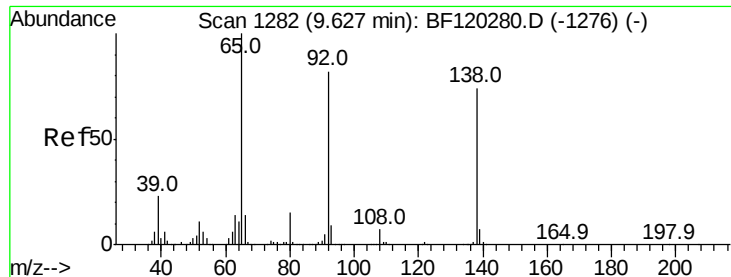
Tot Ion:165 Resp: 465182
 Ion Ratio Lower Upper
 165 100
 63 56.9 50.2 75.2
 89 53.4 44.6 66.8



#52
 Acenaphthene
 Concen: 35.103 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion:154 Resp: 1610468
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.0 133.4
 152 54.4 42.6 64.0

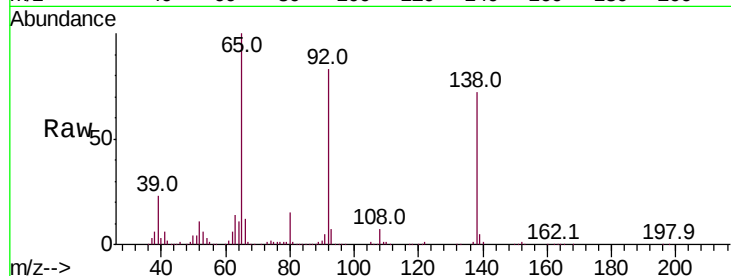




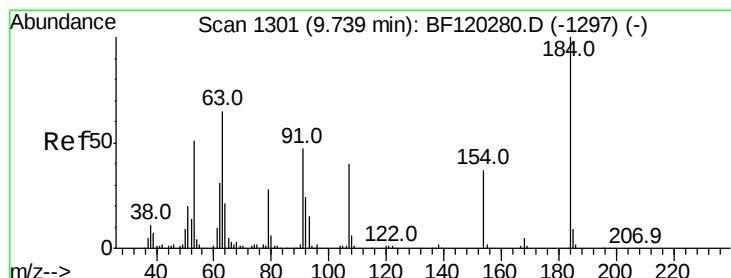
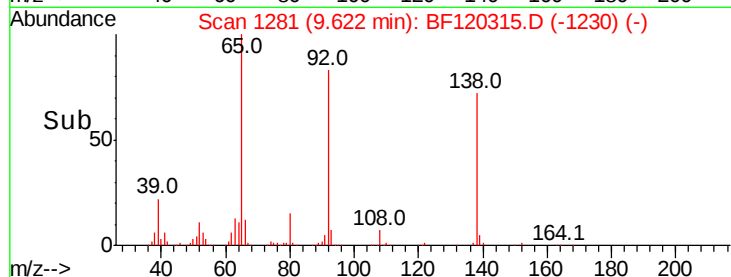
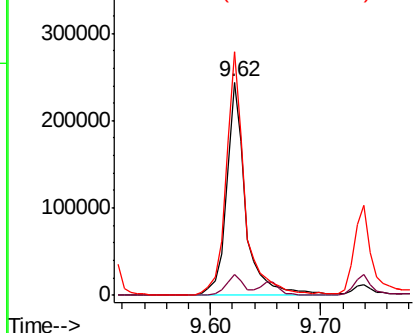
#53
3-Nitroaniline
Concen: 18.427 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

Tot Ion:138 Resp: 295577
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 114.2 89.6 134.4

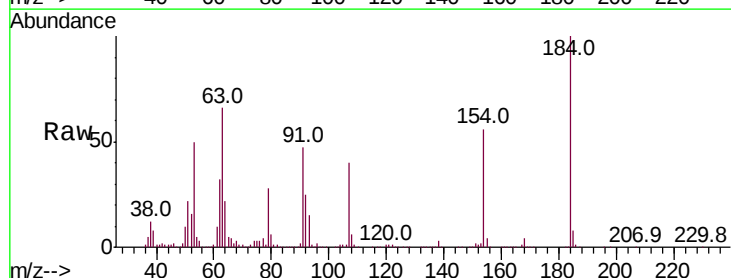


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

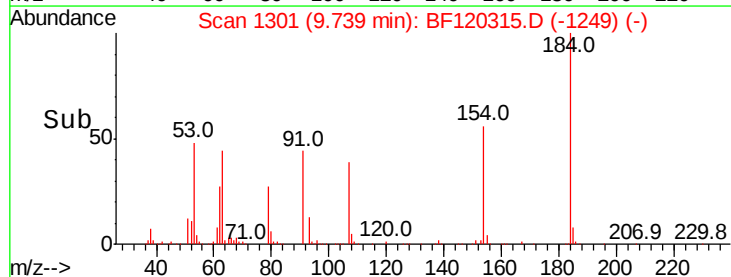
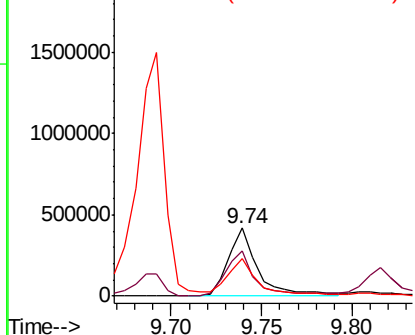


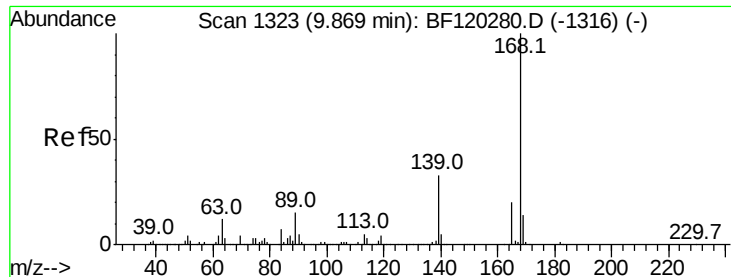
#54
2,4-Dinitrophenol
Concen: 76.097 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:184 Resp: 483155
Ion Ratio Lower Upper
184 100
63 66.2 53.6 80.4
154 55.8 46.8 70.2



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

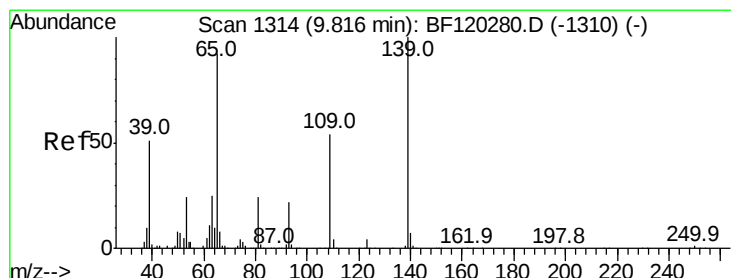
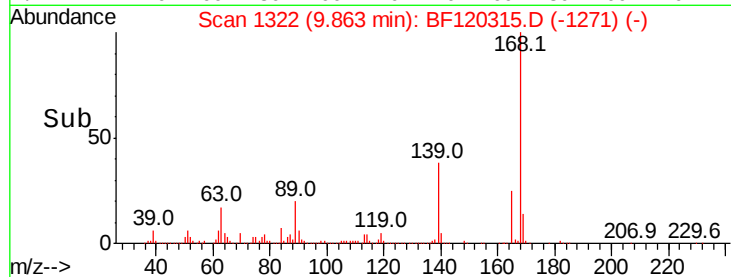
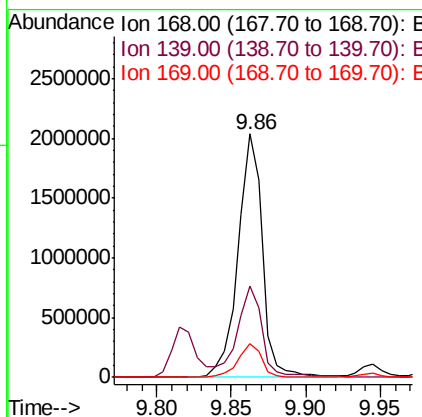
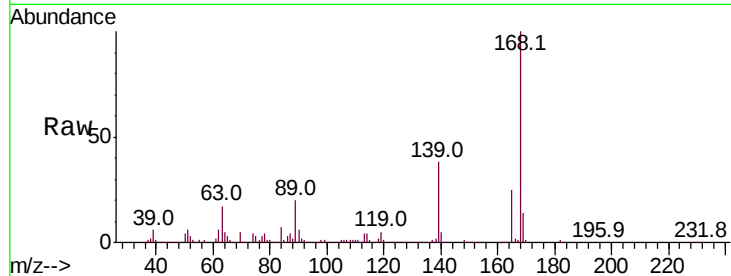




#55
Dibenzofuran
Concen: 35.175 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

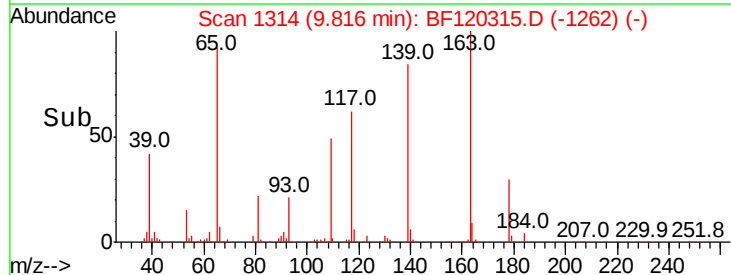
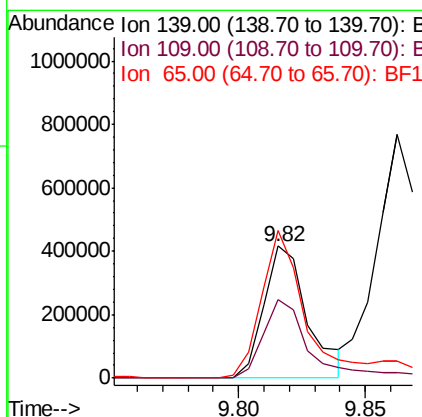
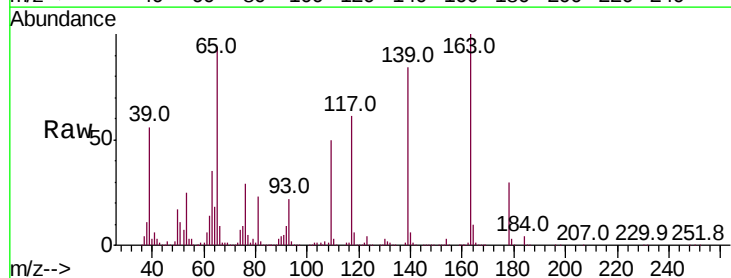
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

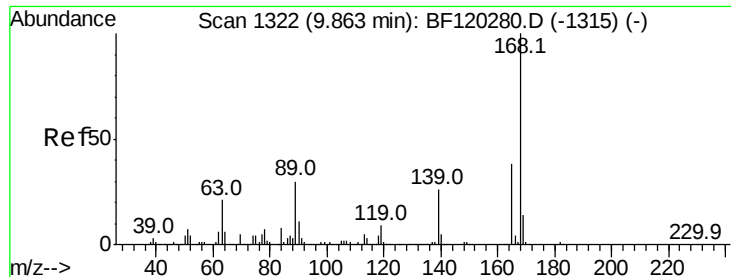
Tot Ion:168 Resp: 2323892
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 58.060 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:139 Resp: 500409
Ion Ratio Lower Upper
139 100
109 59.2 34.6 74.6
65 111.7 73.3 113.3

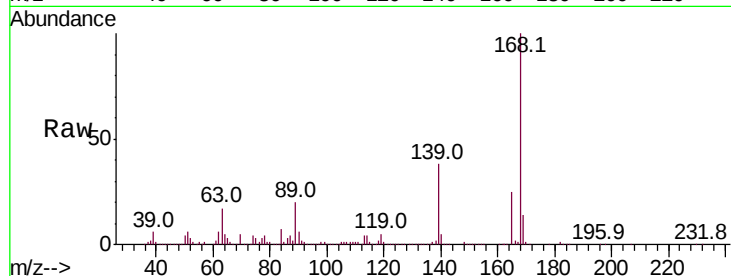




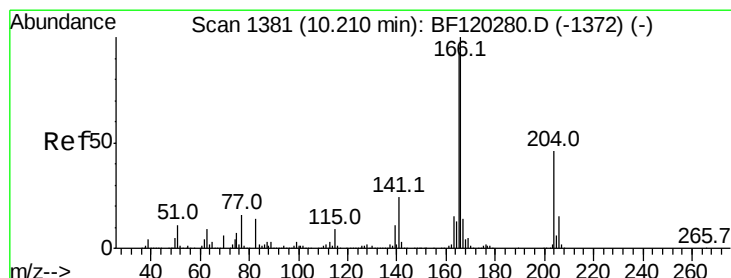
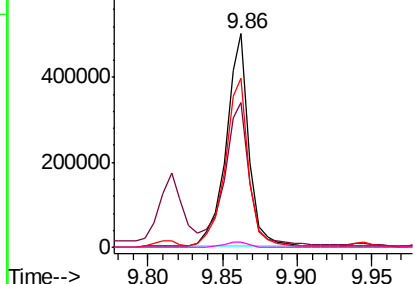
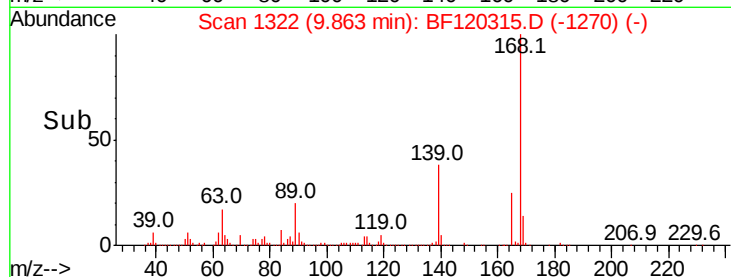
#57
 2,4-Dinitrotoluene
 Concen: 34.155 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

Tot Ion:	165	Resp:	538906
Ion	Ratio	Lower	Upper
165	100		
63	67.7	51.8	77.8
89	79.2	64.2	96.4
182	2.7	2.0	3.0

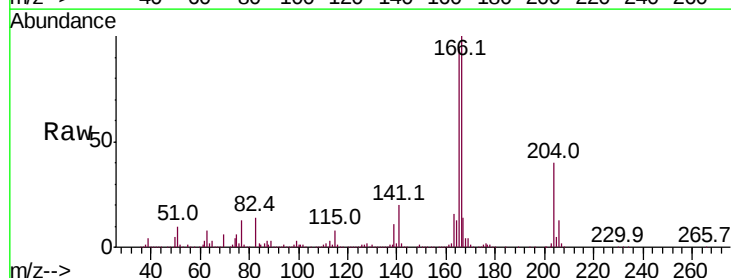


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

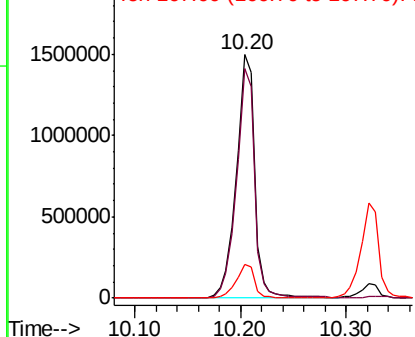
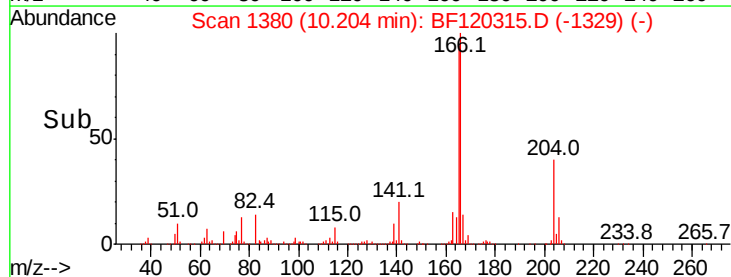


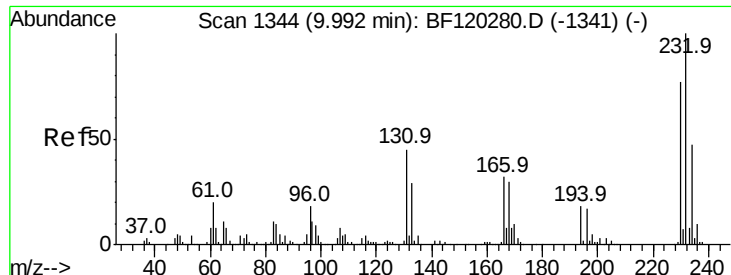
#58
 Fluorene
 Concen: 35.461 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion:	166	Resp:	1784228
Ion	Ratio	Lower	Upper
166	100		
165	94.3	74.7	112.1
167	14.0	11.4	17.0



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

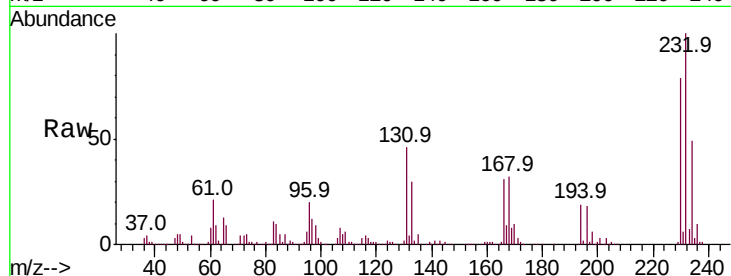




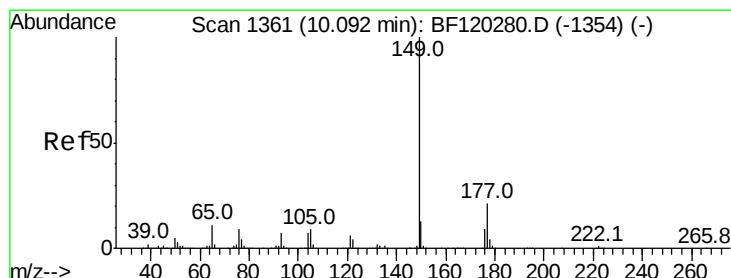
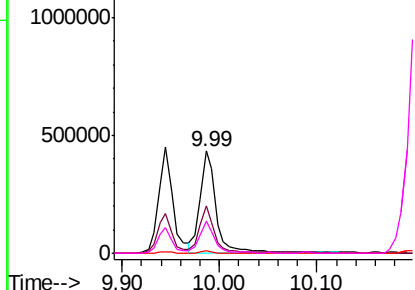
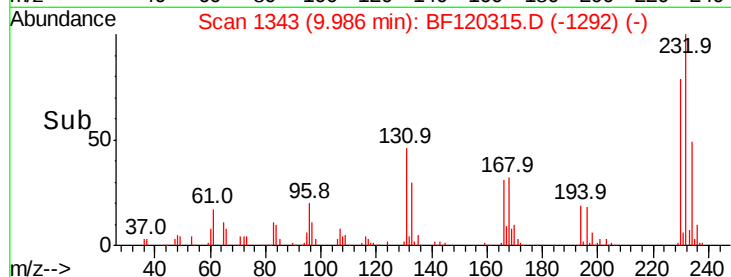
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.812 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MS

Tot Ion:	232	Resp:	485485
Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.1	51.1
130	2.0	1.7	2.5
166	29.5	23.3	34.9

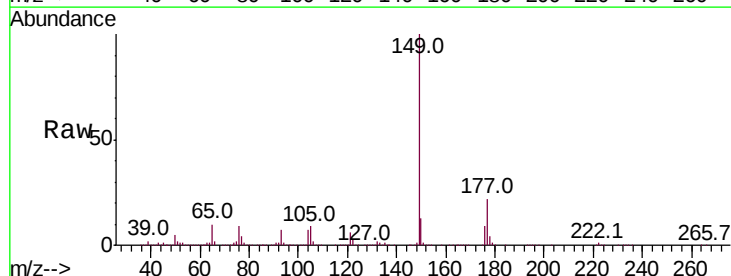


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

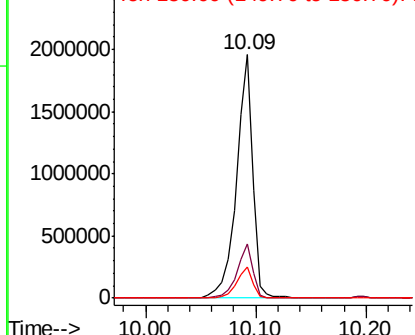
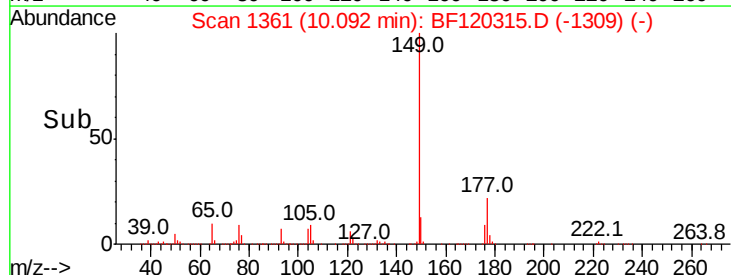


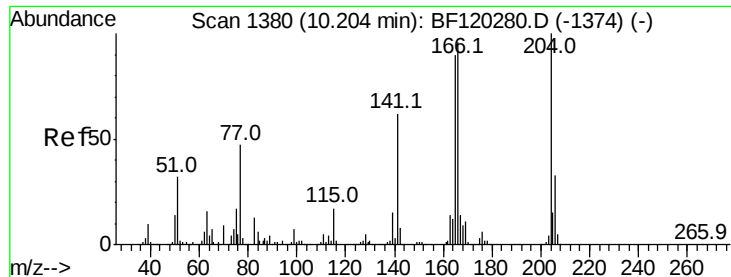
#60
 Diethylphthalate
 Concen: 34.820 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF120315.D
 Acq: 15 May 2020 12:18

Tgt Ion:	149	Resp:	2025886
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	13.0	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

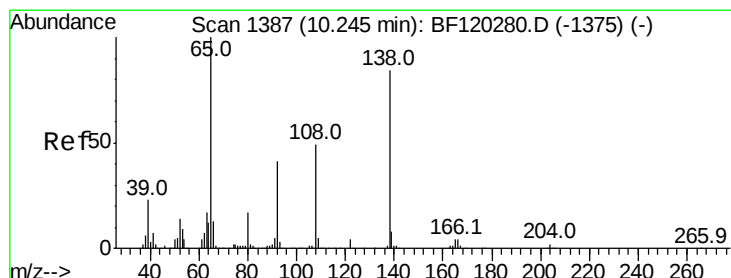
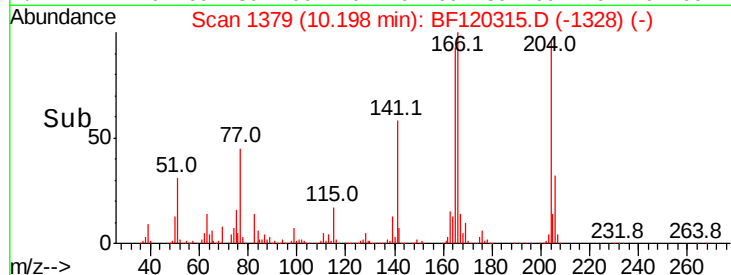
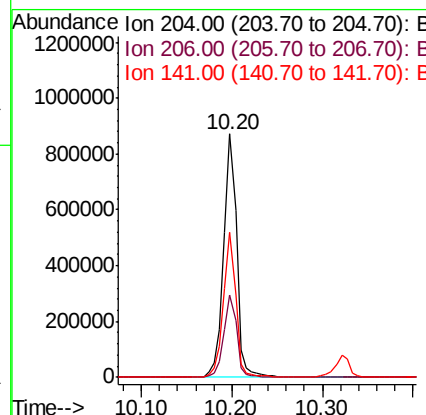
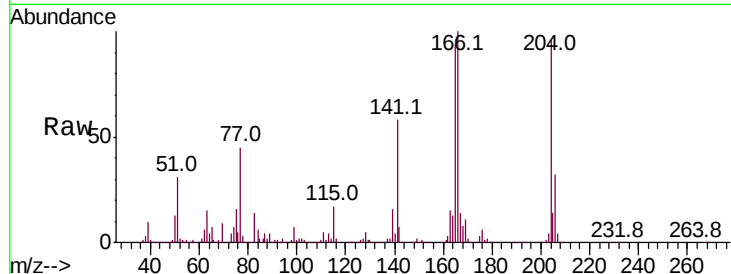




#61
4-Chlorophenyl-phenylether
Concen: 32.928 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

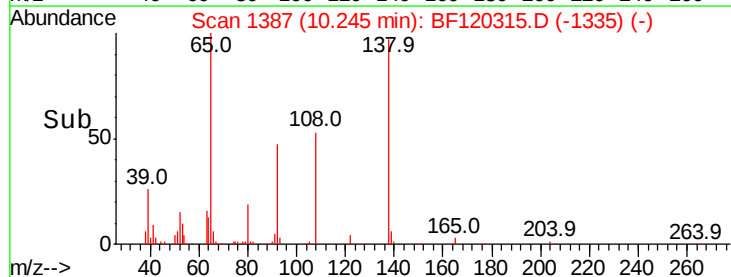
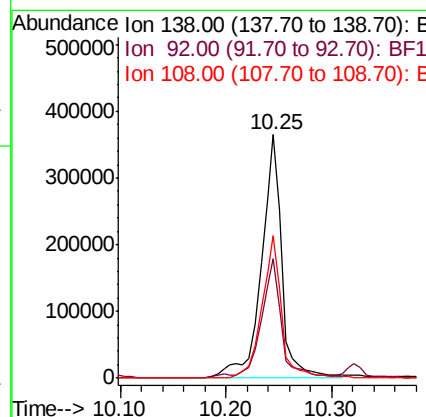
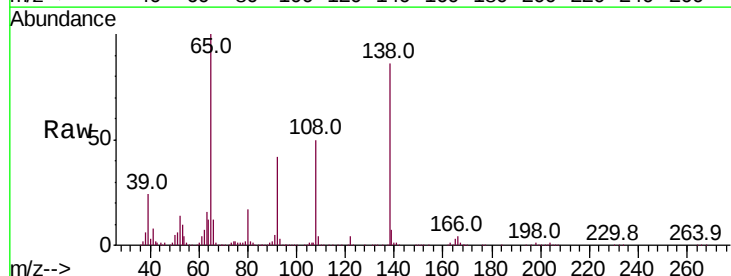
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

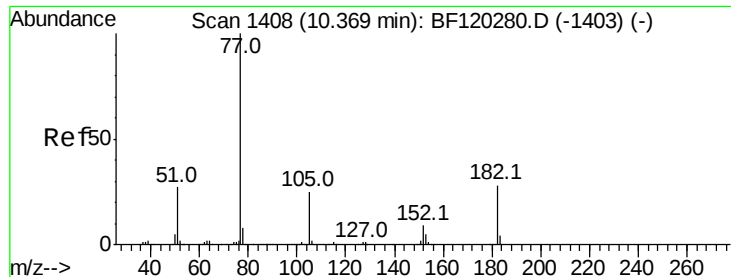
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.8	40.2
141	59.8	49.5	74.3



#62
4-Nitroaniline
Concen: 33.423 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	28.9	68.9
108	58.5	38.4	78.4





#63

Azobenzene

Concen: 38.657 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

Tot Ion: 77 Resp: 2125701

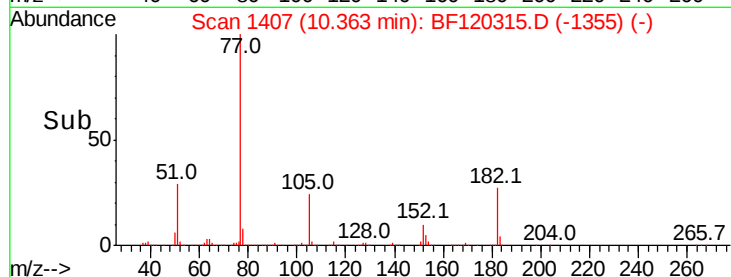
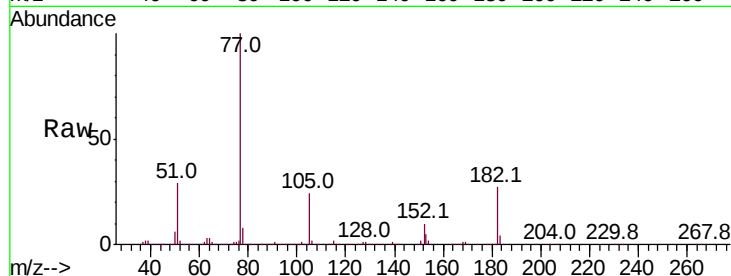
Ion Ratio Lower Upper

77 100

182 26.8 7.4 47.4

105 24.1 4.4 44.4

51 29.1 8.3 48.3

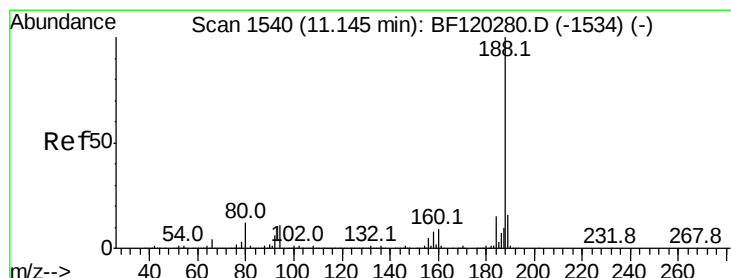
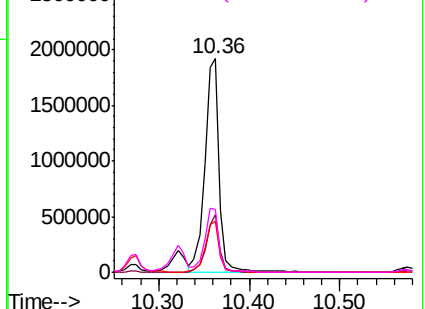


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

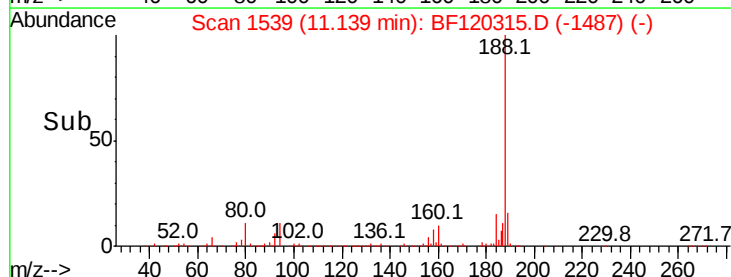
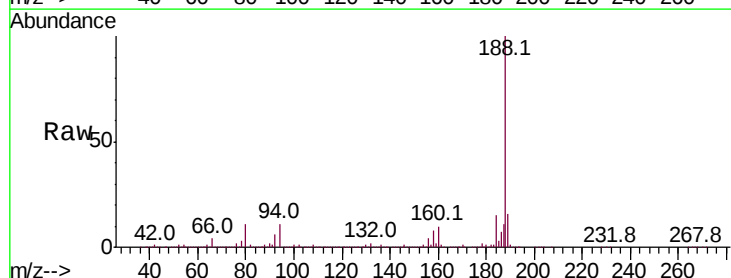
Tgt Ion: 188 Resp: 1705235

Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

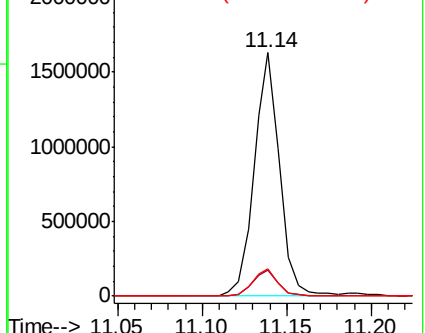
80 11.4 9.2 13.8

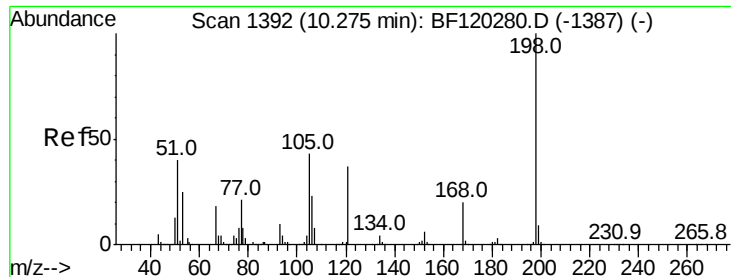


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

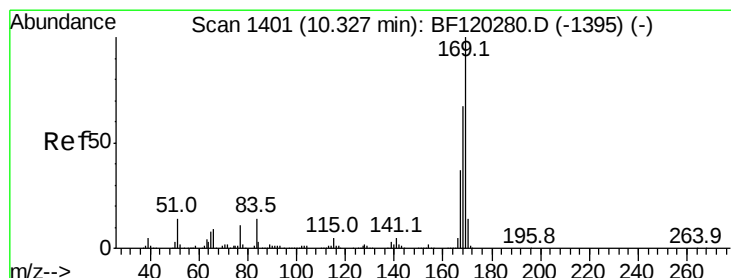
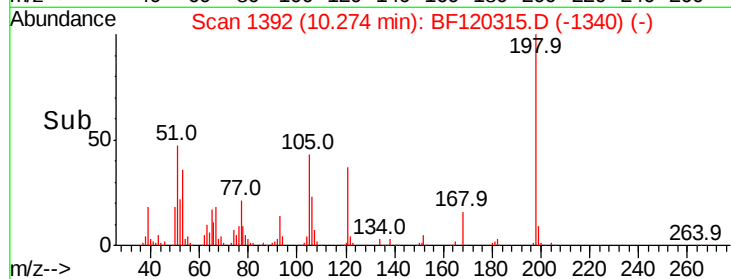
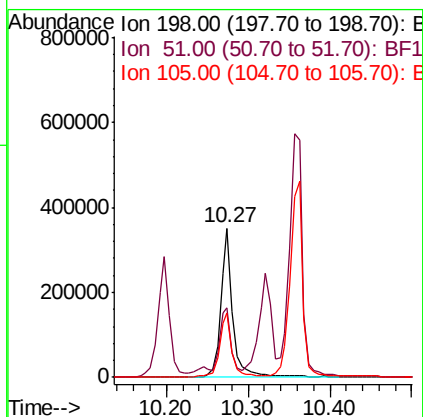
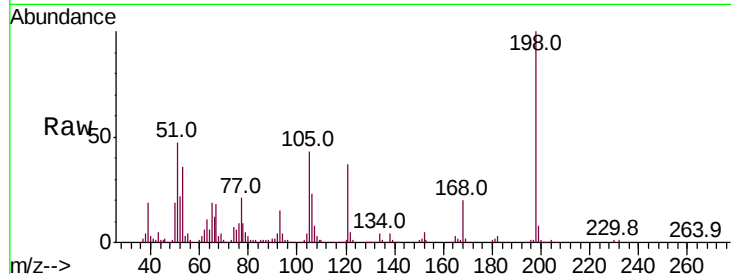




#65
4,6-Dinitro-2-methylphenol
Concen: 41.884 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

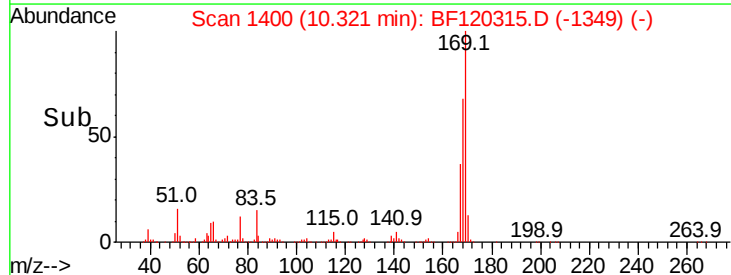
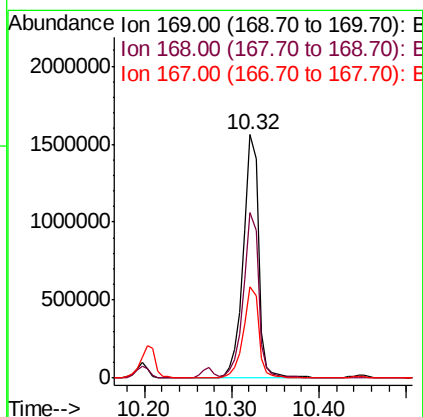
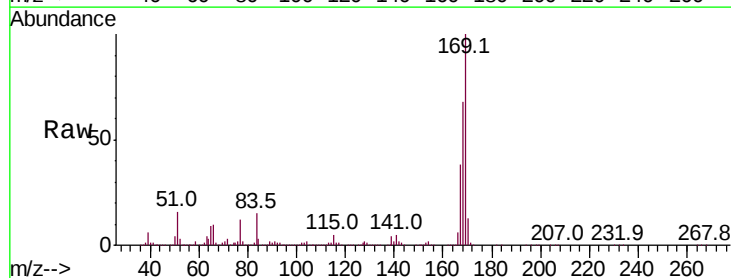
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

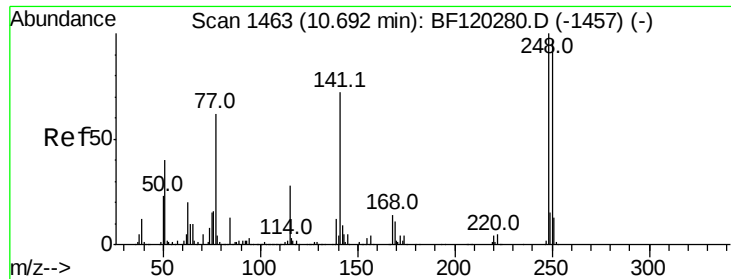
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.8	27.1	67.1
105	43.2	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 38.398 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.7	80.5
167	37.6	29.8	44.6

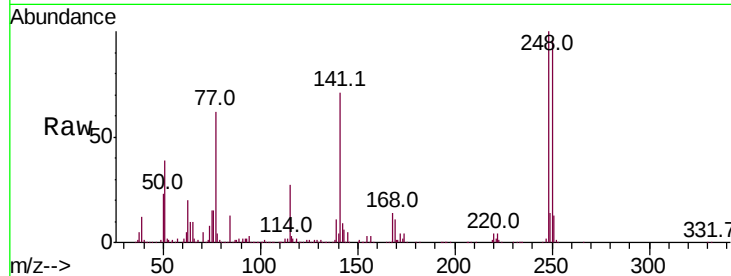




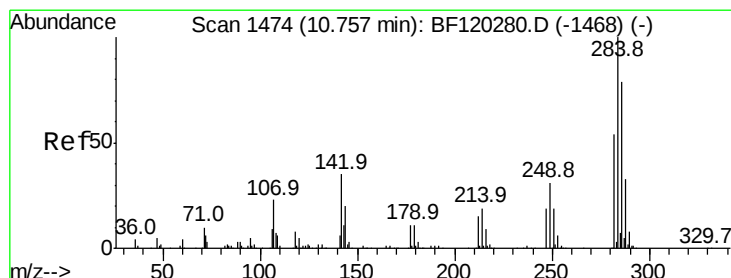
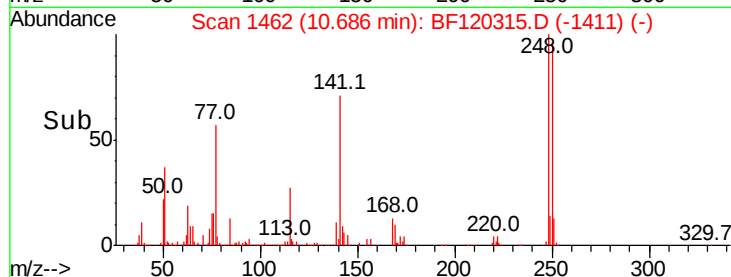
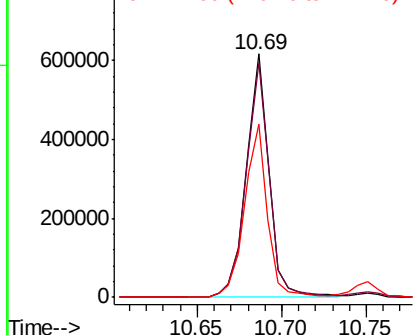
#67
4-Bromophenyl-phenylether
Concen: 35.475 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

Tot Ion:248 Resp: 587018
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 71.1 57.7 86.5

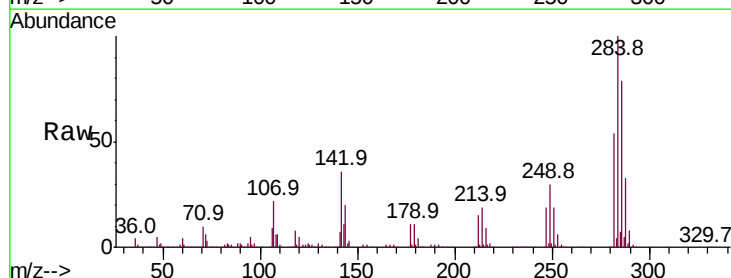


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

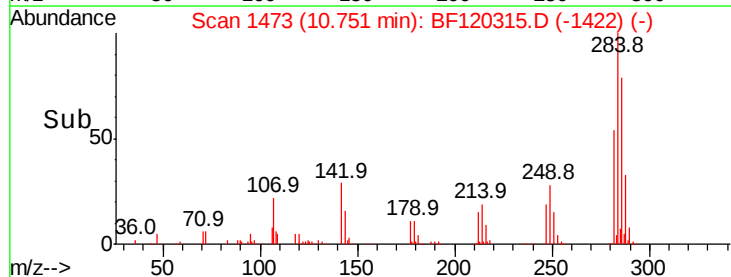
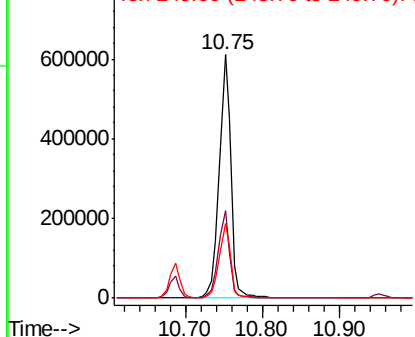


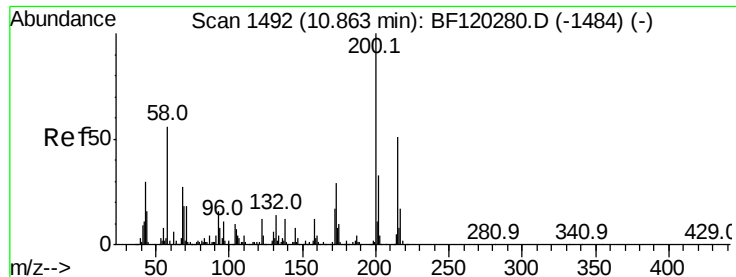
#68
Hexachlorobenzene
Concen: 36.889 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:284 Resp: 638586
Ion Ratio Lower Upper
284 100
142 36.1 28.5 42.7
249 30.5 24.8 37.2



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





#69

Atrazine

Concen: 31.762 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

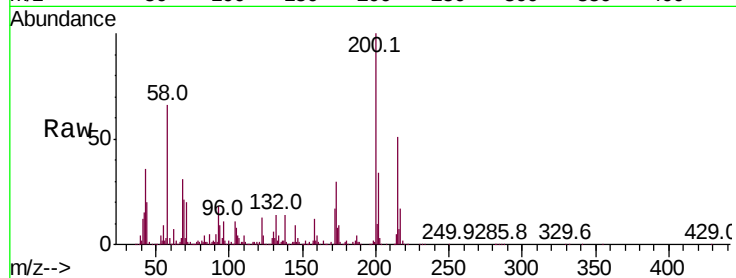
Tot Ion:200 Resp: 448369

Ion Ratio Lower Upper

200 100

173 30.1 8.7 48.7

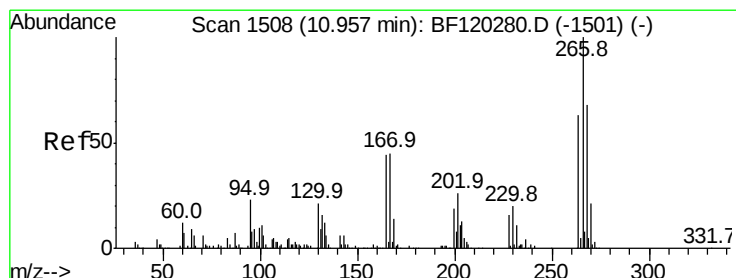
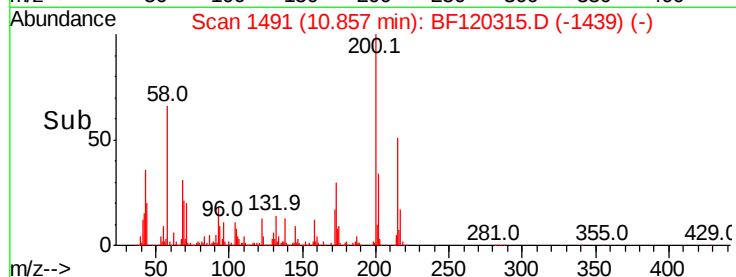
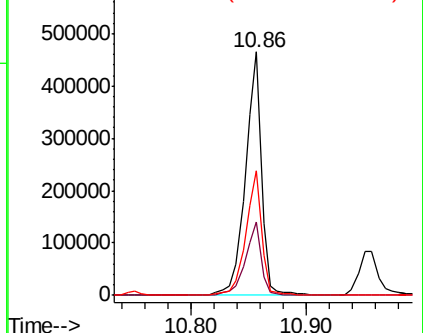
215 51.1 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.862 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

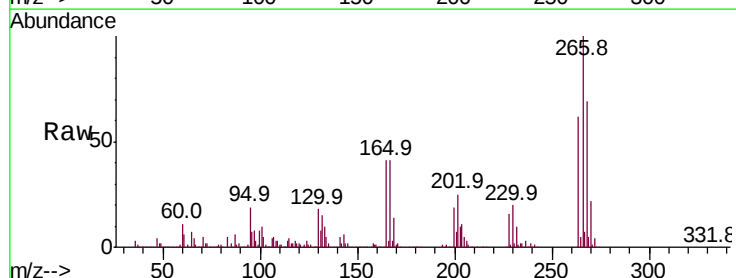
Tgt Ion:266 Resp: 580630

Ion Ratio Lower Upper

266 100

268 68.5 54.2 81.4

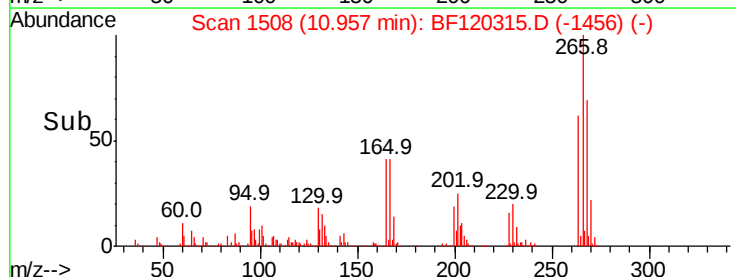
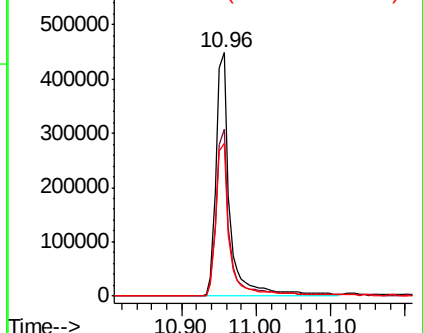
264 62.5 50.2 75.4

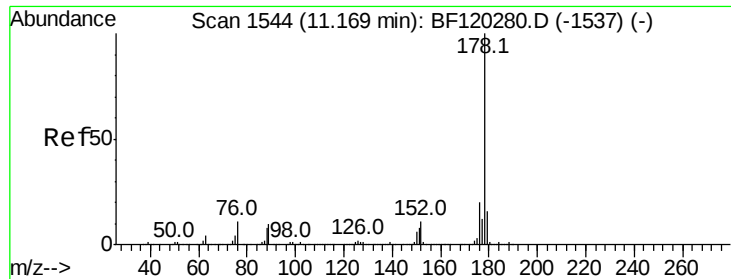


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

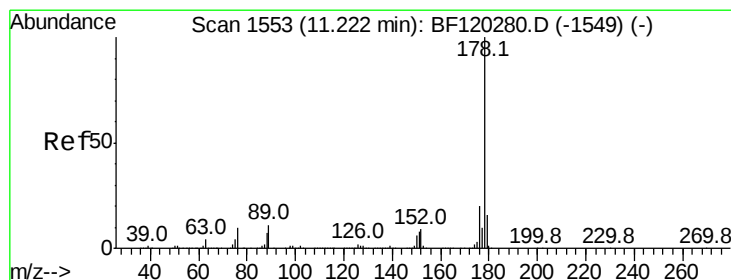
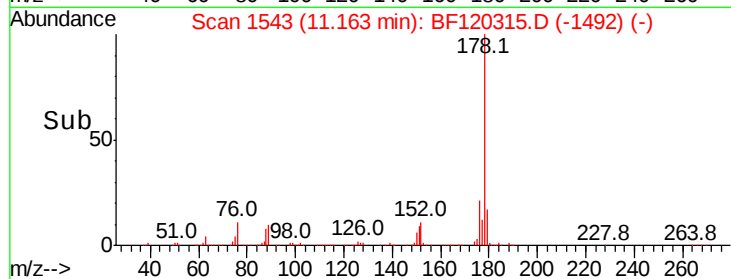
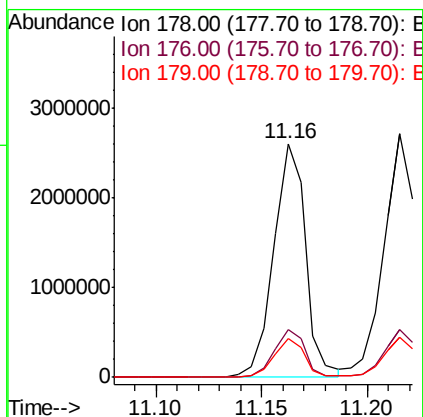
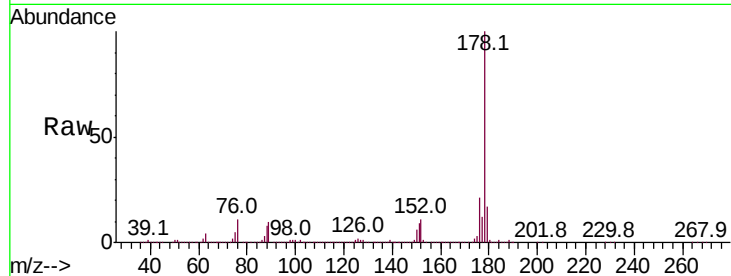




#71
Phenanthrene
Concen: 38.217 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

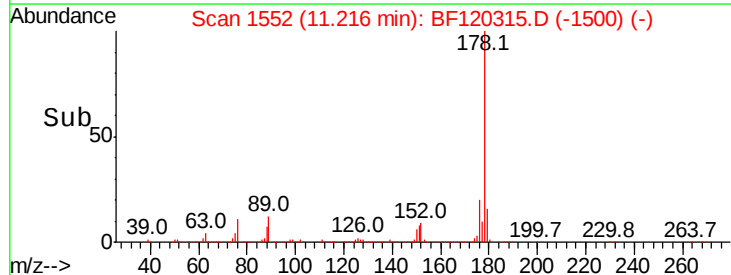
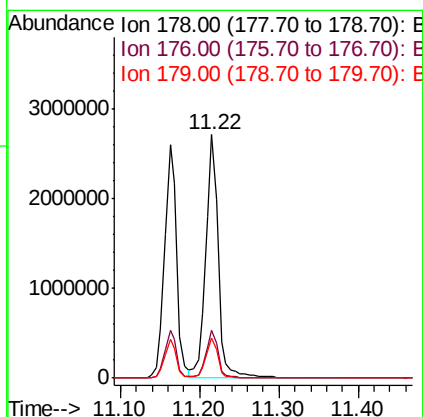
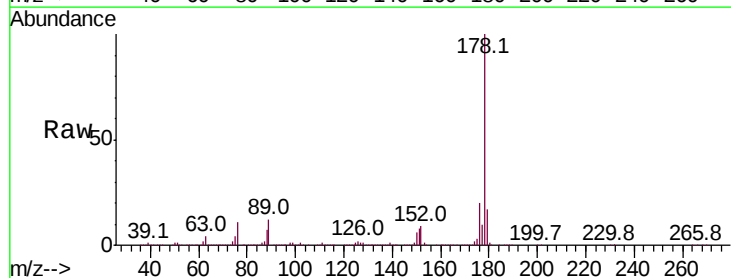
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

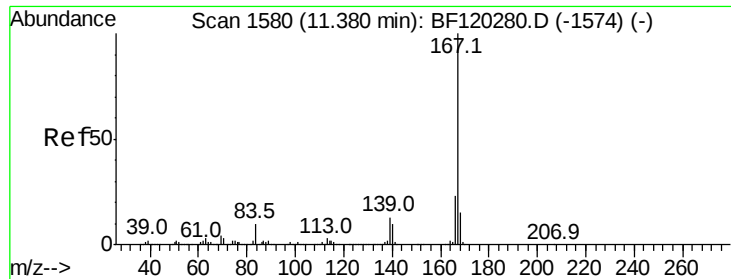
Tot Ion:178 Resp: 2738379
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.8
179 16.8 12.8 19.2



#72
Anthracene
Concen: 39.110 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:178 Resp: 3000057
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.5 13.0 19.6





#73

Carbazole

Concen: 38.608 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

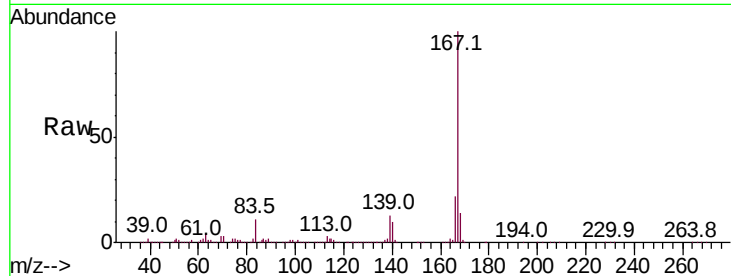
Tot Ion:167 Resp: 2767170

Ion Ratio Lower Upper

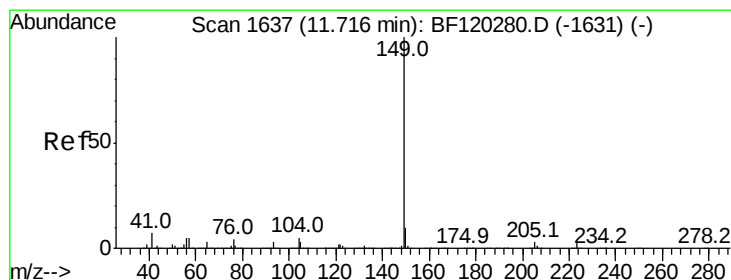
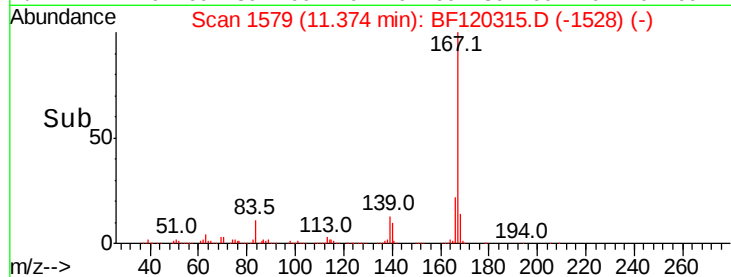
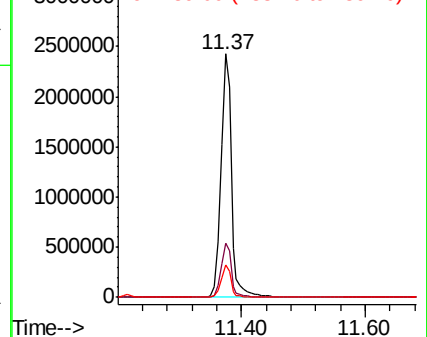
167 100

166 22.2 18.1 27.1

139 13.4 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.485 ng

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

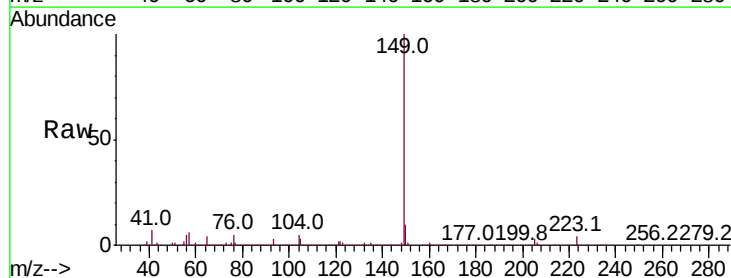
Tgt Ion:149 Resp: 3324299

Ion Ratio Lower Upper

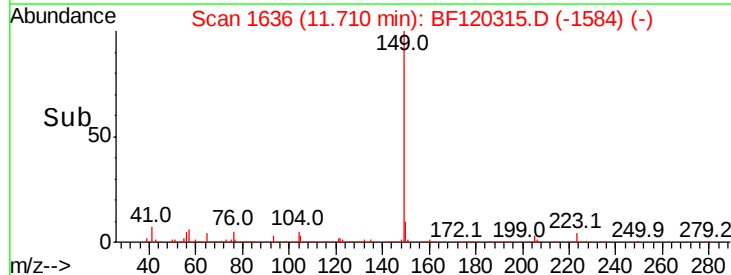
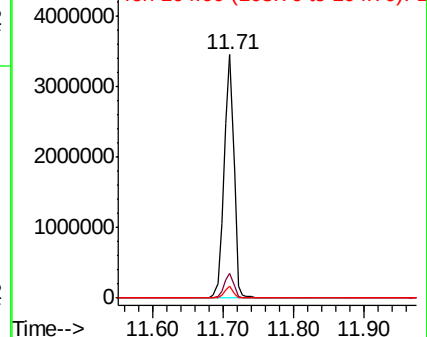
149 100

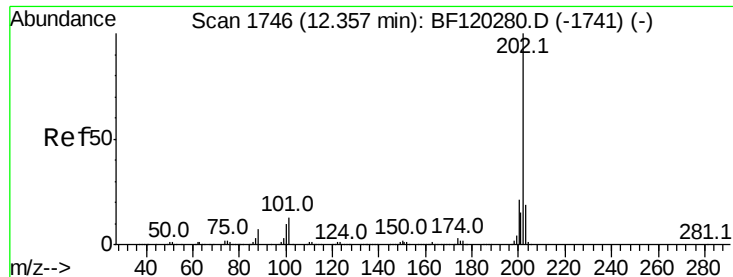
150 10.4 8.2 12.4

104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.711 ng

RT: 12.35 min Scan# 1745

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

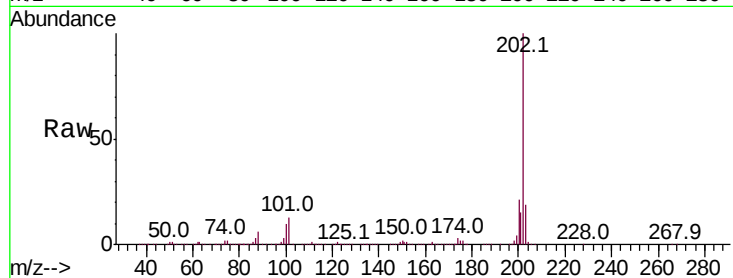
Tot Ion:202 Resp: 2819483

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

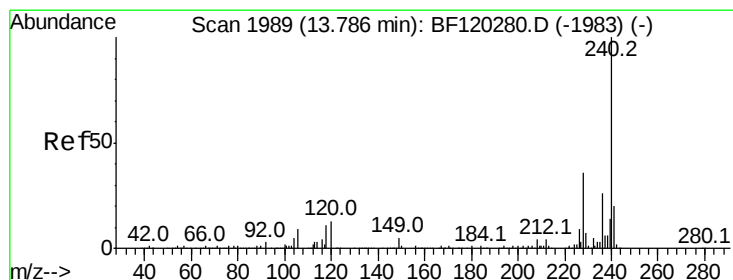
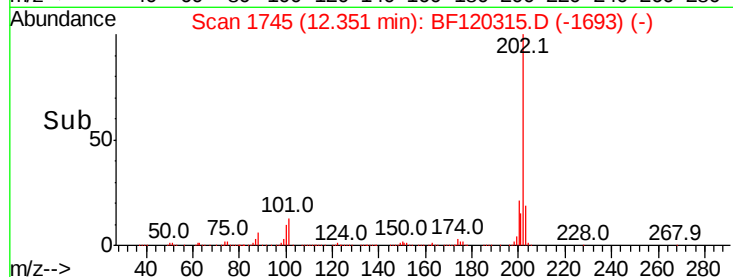
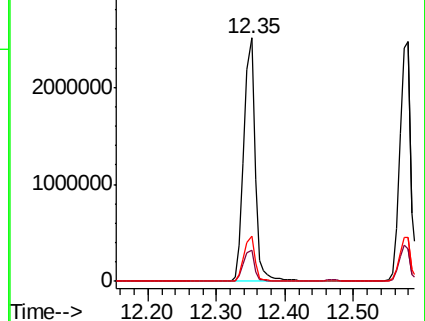
203 18.7 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

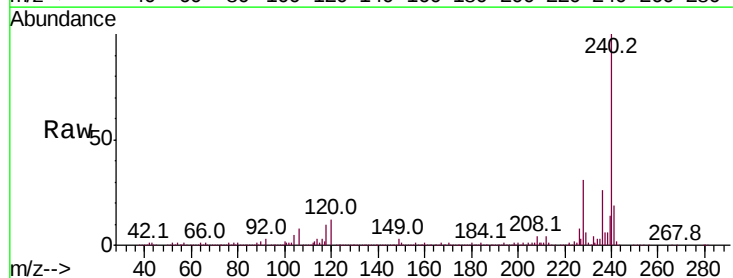
Tgt Ion:240 Resp: 1069410

Ion Ratio Lower Upper

240 100

120 12.1 10.4 15.6

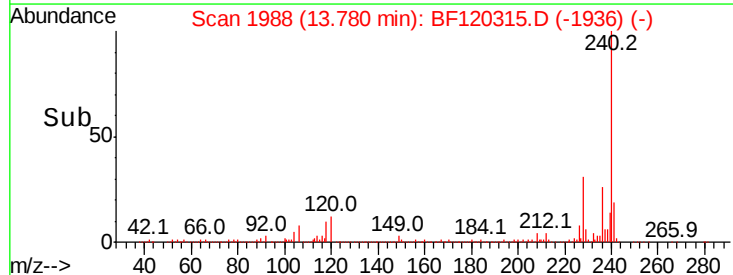
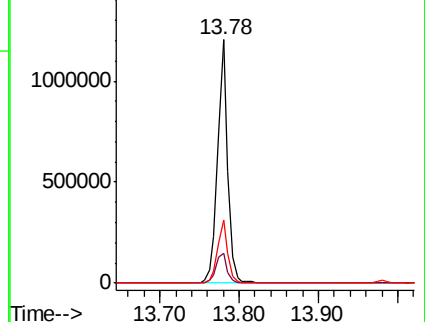
236 26.0 21.0 31.6

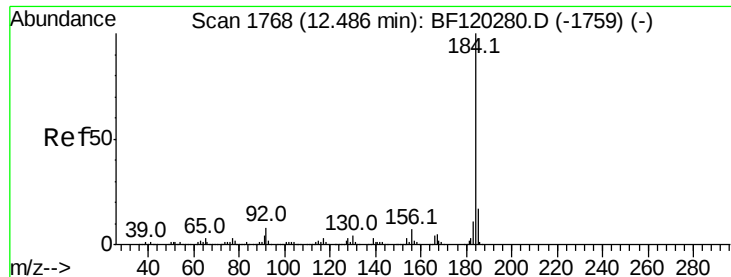


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.585 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

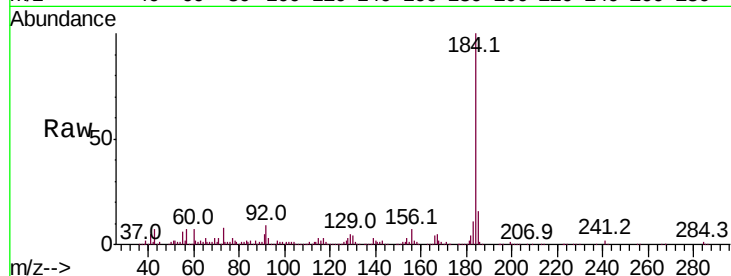
Tot Ion:184 Resp: 1173740

Ion Ratio Lower Upper

184 100

185 16.1 13.7 20.5

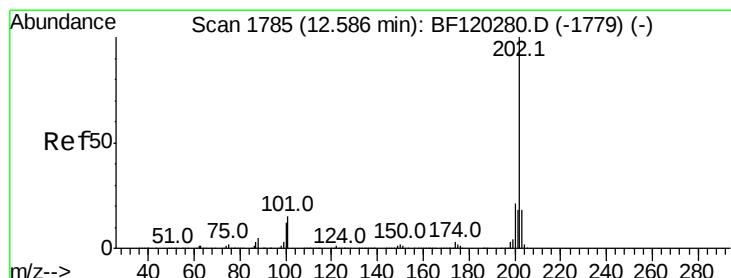
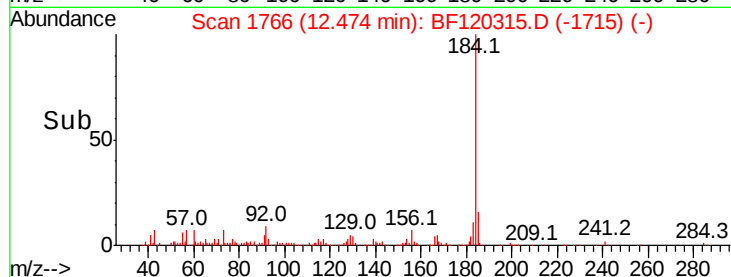
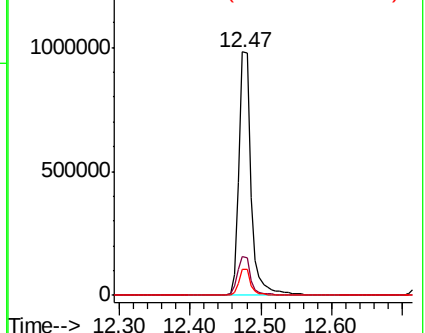
183 10.9 8.7 13.1



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: 37.882 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

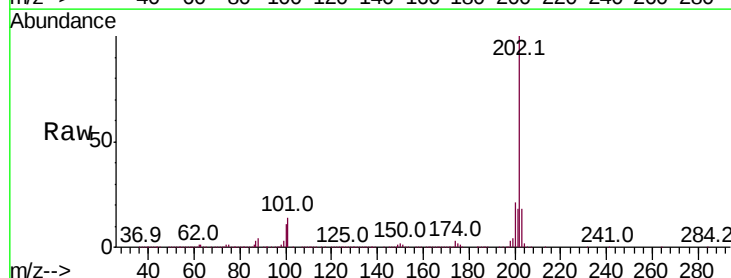
Tgt Ion:202 Resp: 2888044

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

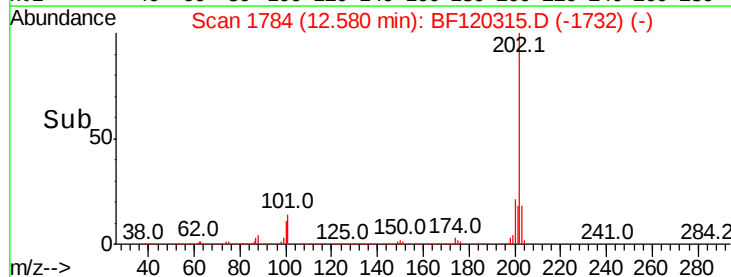
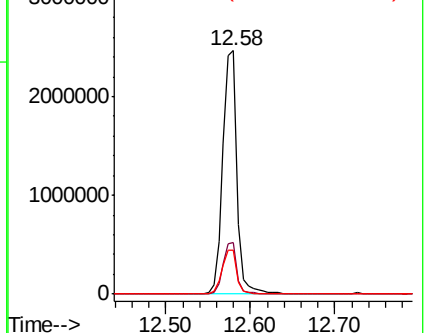
203 18.3 14.6 22.0

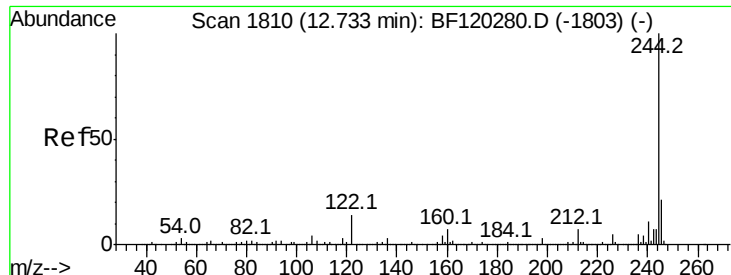


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.584 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

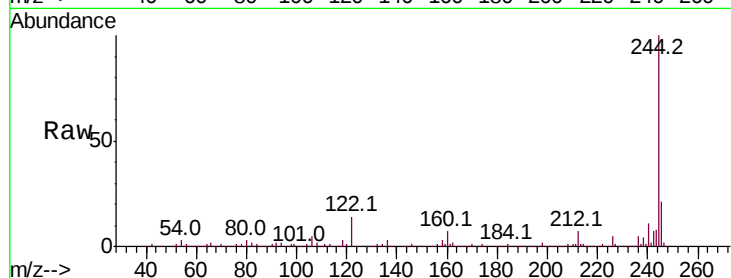
Tot Ion:244 Resp: 3561943

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

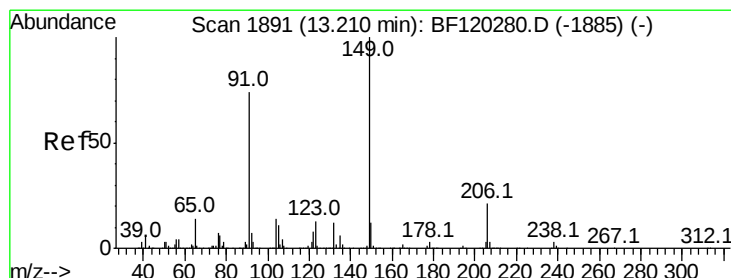
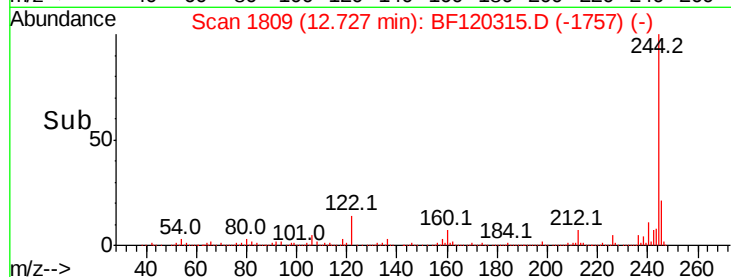
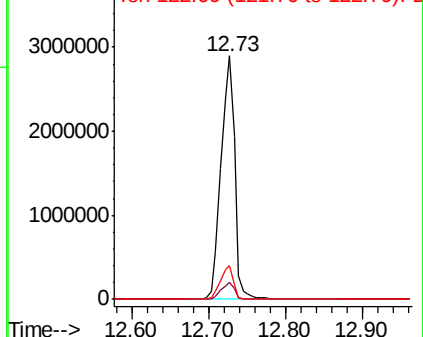
122 13.8 10.8 16.2



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: 36.405 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

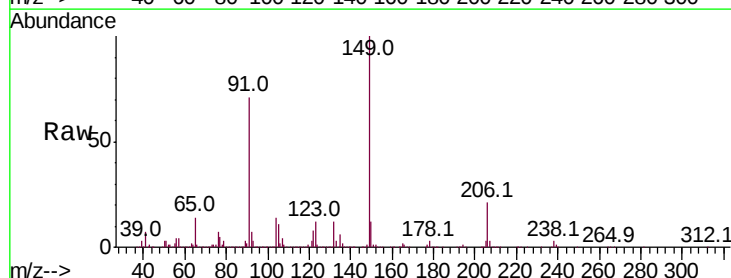
Tgt Ion:149 Resp: 1306931

Ion Ratio Lower Upper

149 100

91 71.3 59.0 88.4

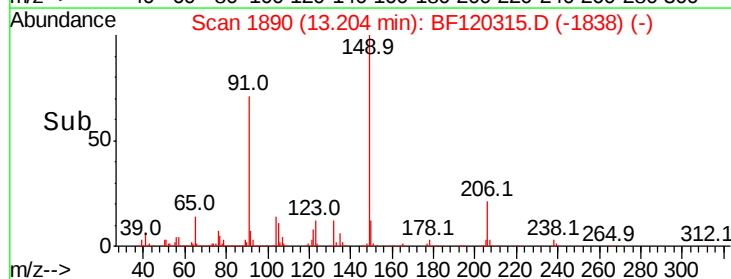
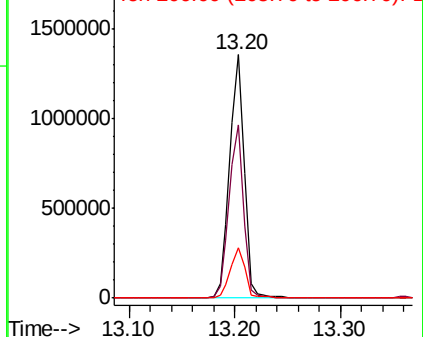
206 20.8 16.8 25.2

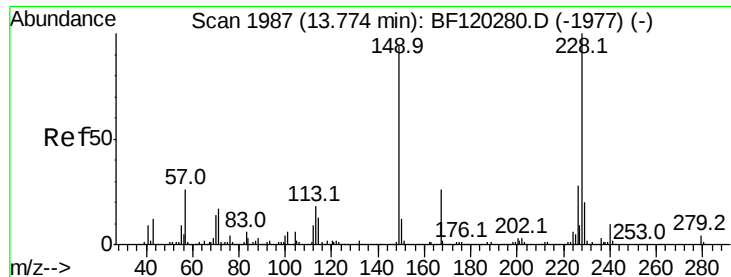


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.318 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

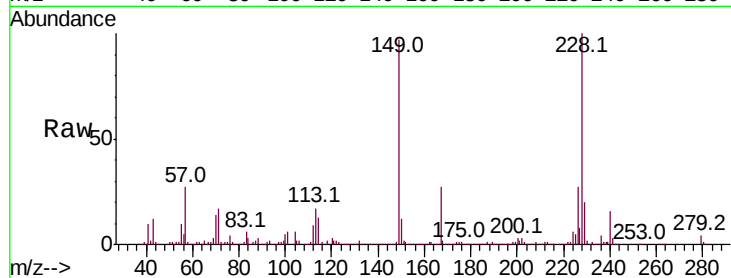
Tot Ion:228 Resp: 2104880

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

229 20.3 16.4 24.6

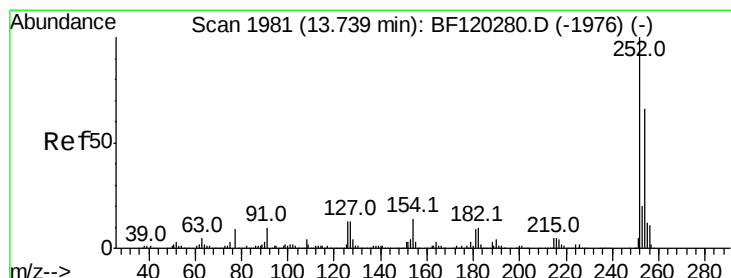
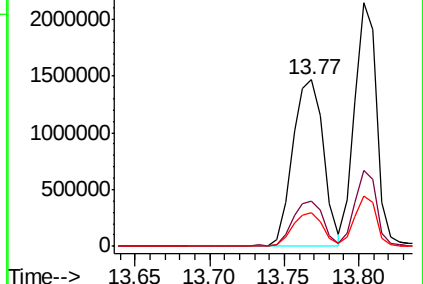
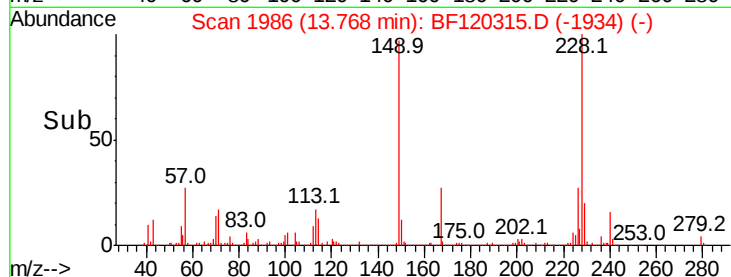


Abundance

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: 22.128 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

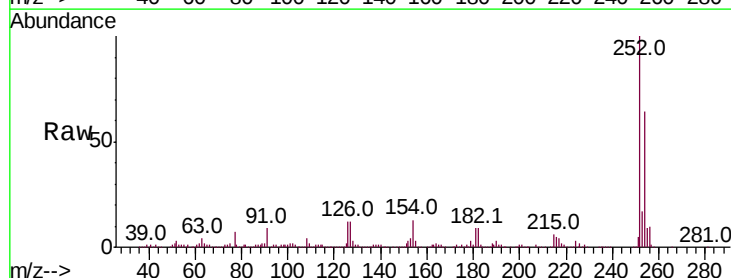
Tgt Ion:252 Resp: 470343

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

126 11.9 10.7 16.1

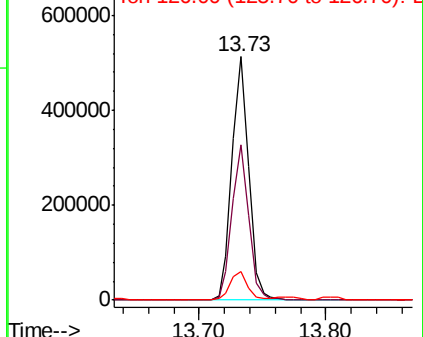
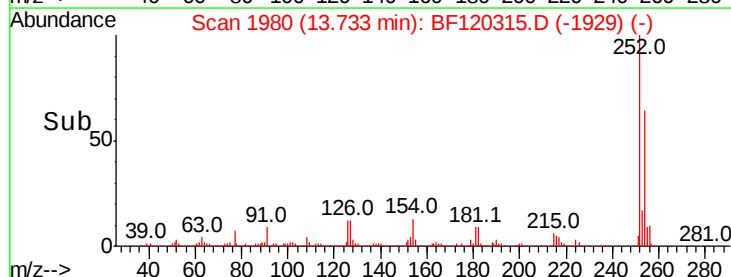


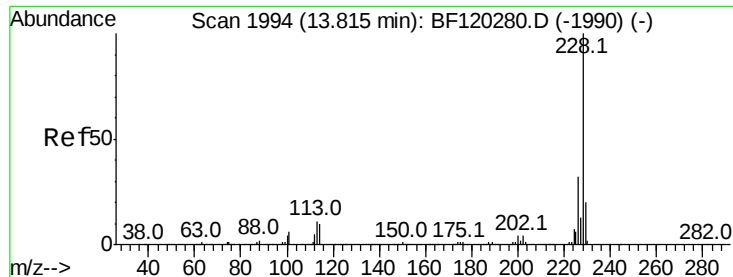
Abundance

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

Chrvsene

Concen: 37.006 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

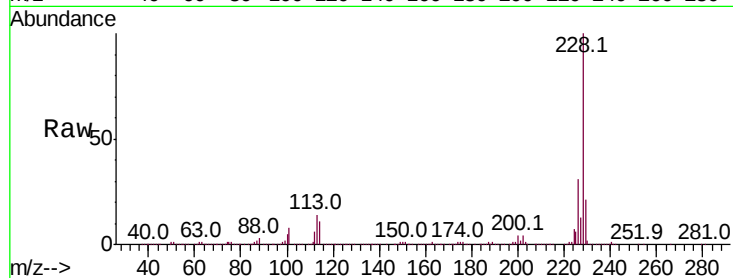
Tot Ion:228 Resp: 2241341

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.8	16.2	24.4

228 100

226 31.3 25.0 37.6

229 20.8 16.2 24.4

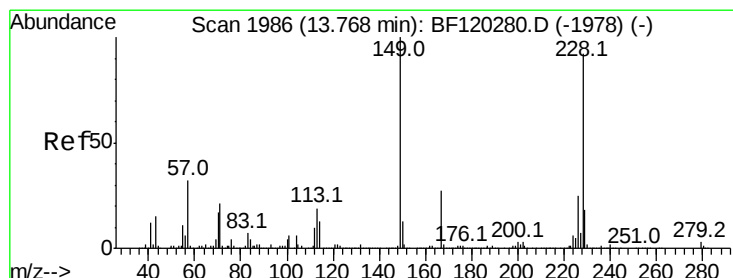
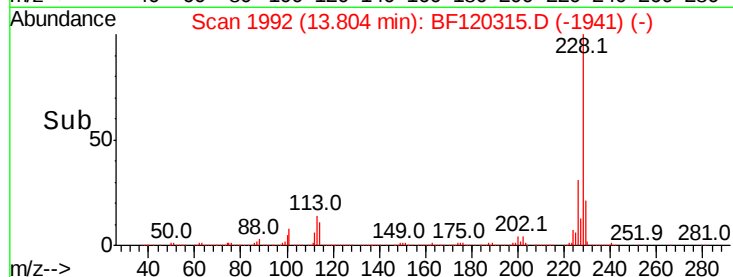
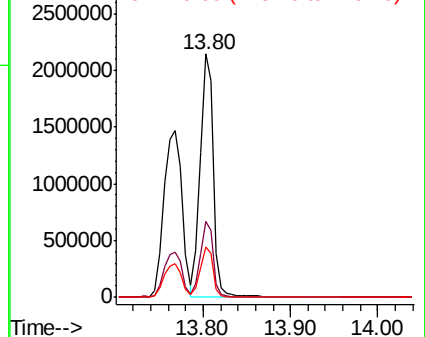


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.000 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

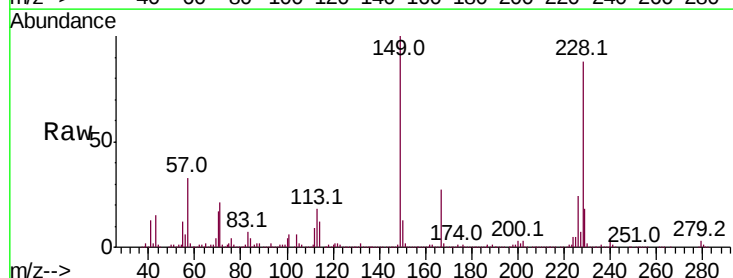
Tgt Ion:149 Resp: 1607940

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	3.3	2.8	4.2

149 100

167 27.1 21.8 32.8

279 3.3 2.8 4.2

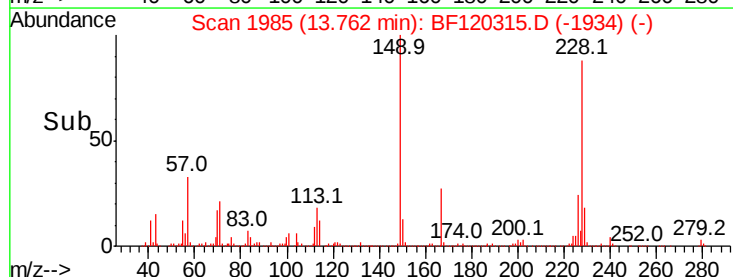
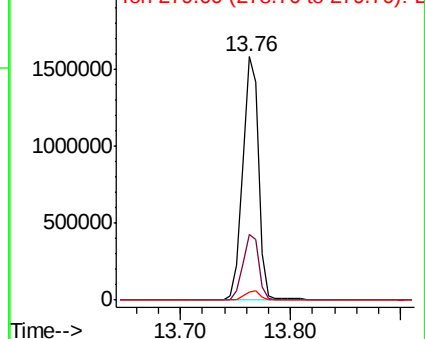


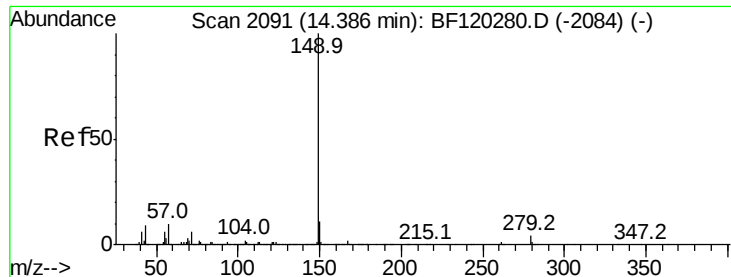
Abundance

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: 37.154 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

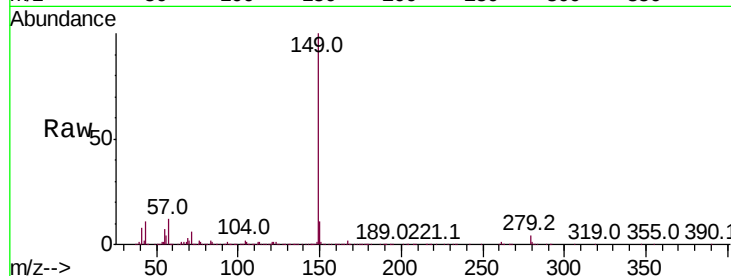
Tot Ion:149 Resp: 2985383

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

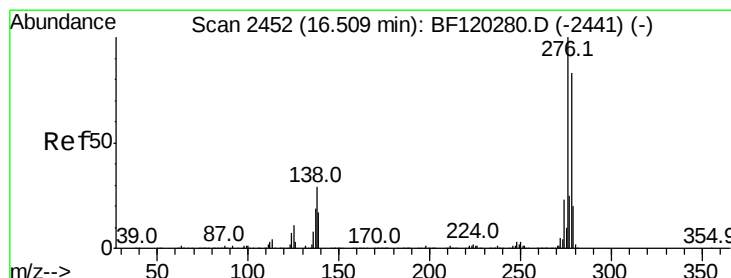
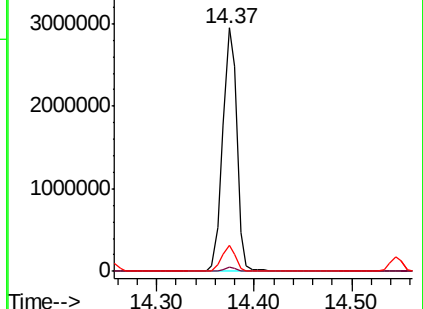
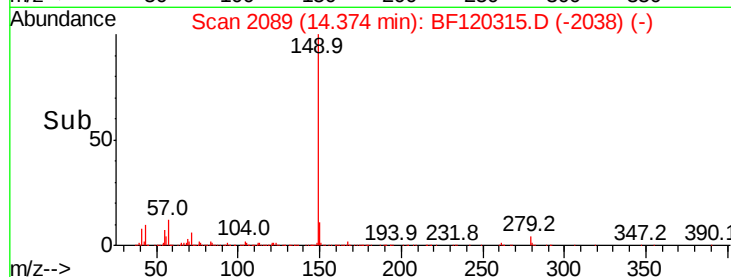
43 9.9 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.279 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

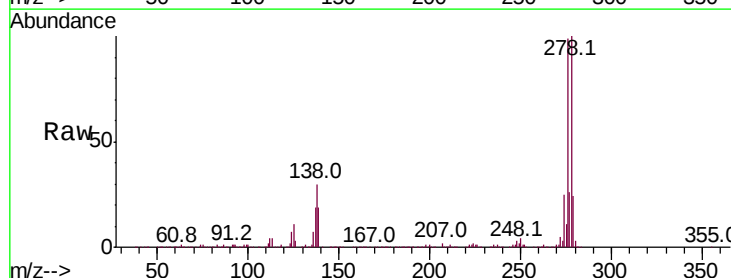
Tgt Ion:276 Resp: 1884346

Ion Ratio Lower Upper

276 100

138 28.4 23.3 34.9

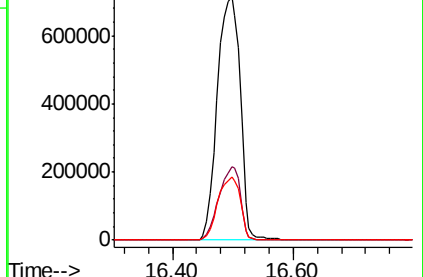
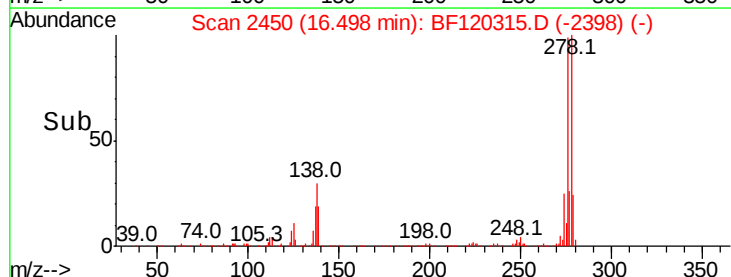
277 25.6 20.2 30.4

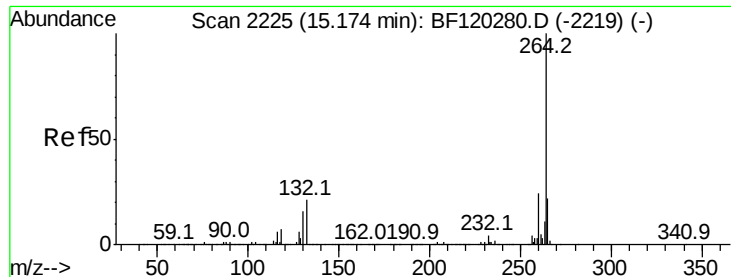


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



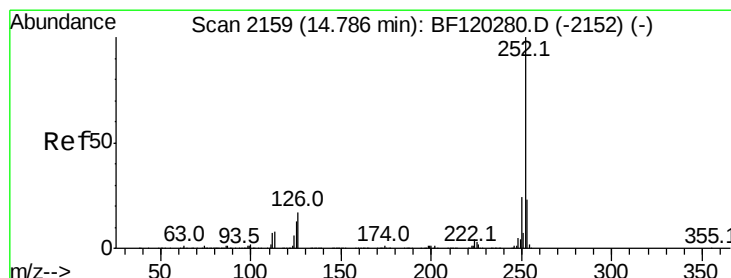
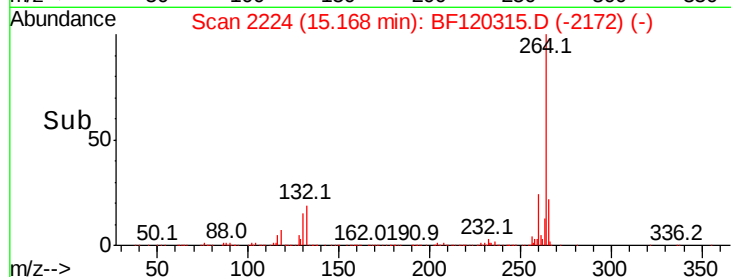
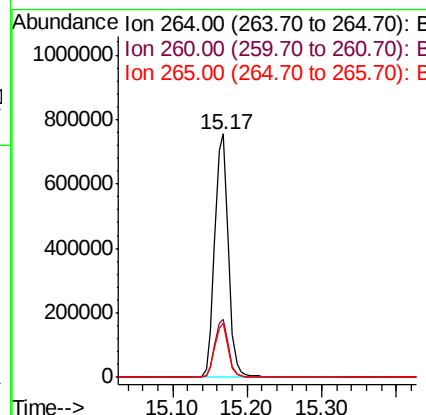
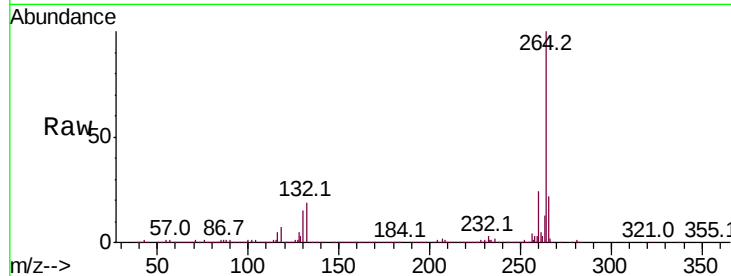


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

Tot Ion:264 Resp: 954187

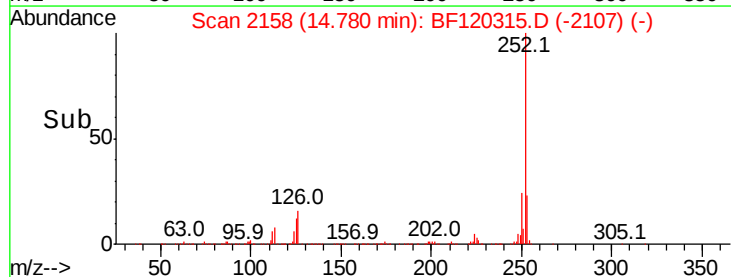
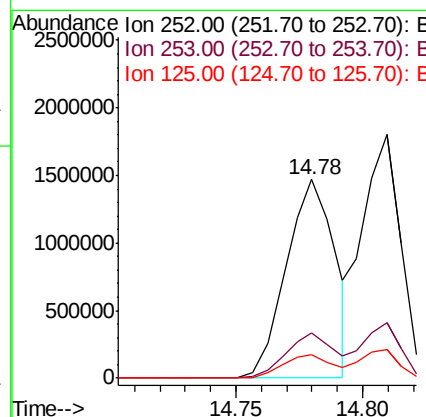
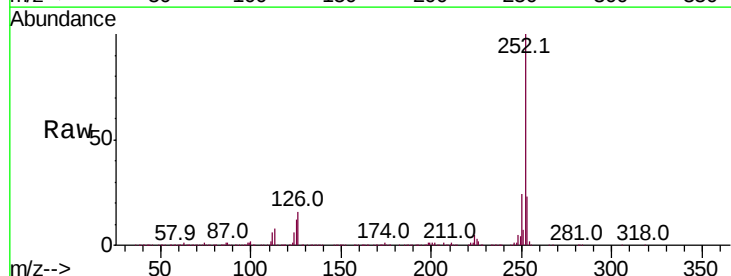
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.1	17.5	26.3

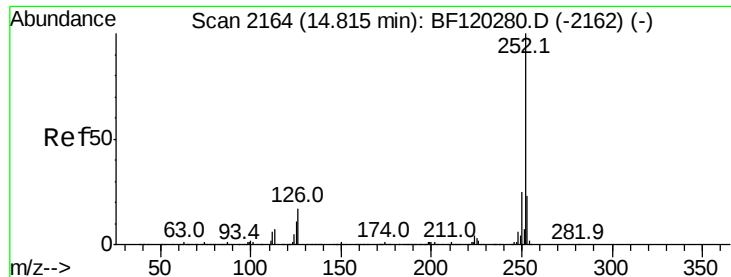


#88
Benzo(b)fluoranthene
Concen: 37.763 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:252 Resp: 1967851

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.6	10.4	15.6

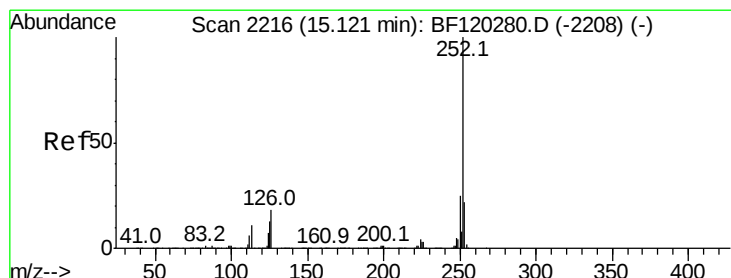
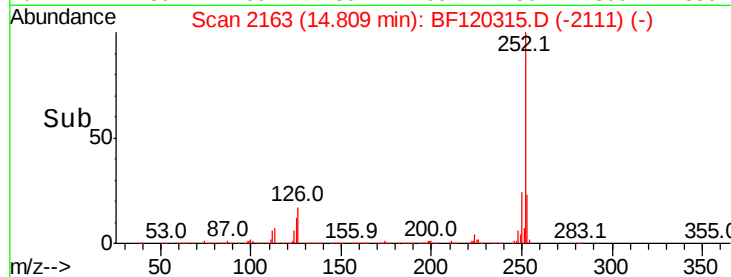
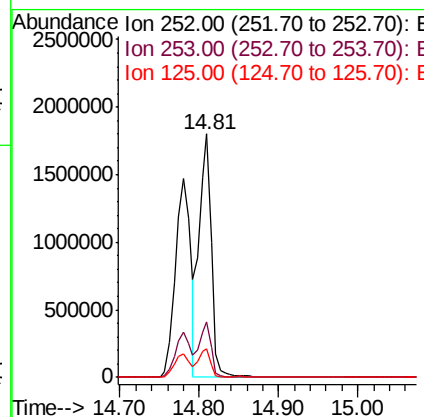
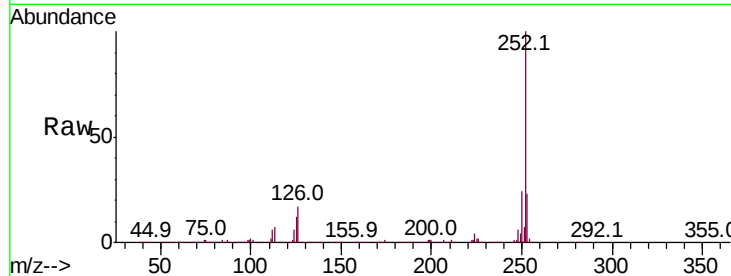




#89
Benzo(k)fluoranthene
Concen: 43.269 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

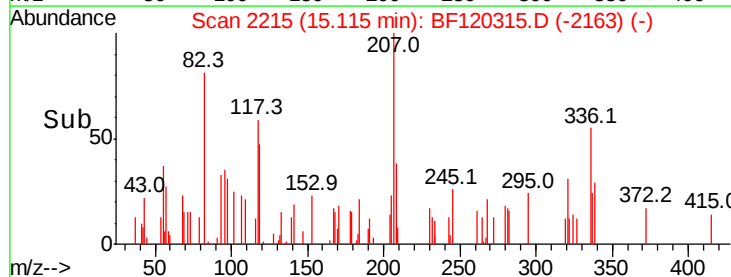
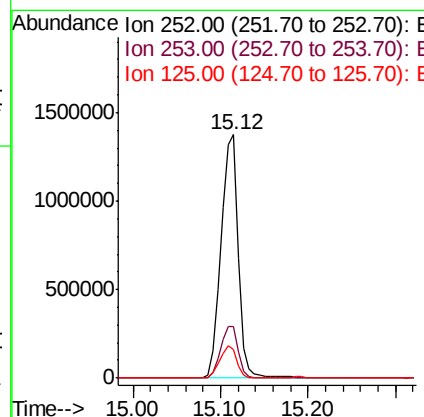
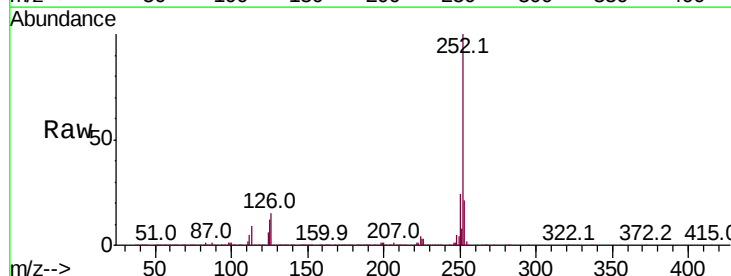
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

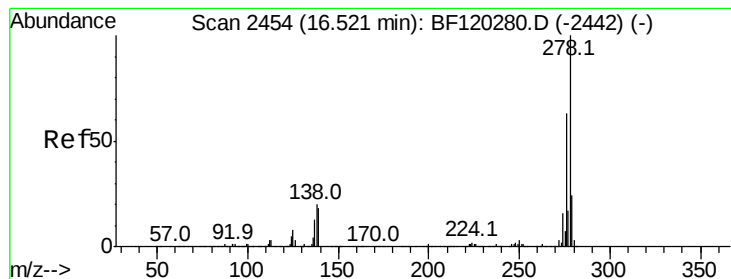
Tot Ion:252 Resp: 1953479
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.9 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.255 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF120315.D
Acq: 15 May 2020 12:18

Tgt Ion:252 Resp: 1881257
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 11.6 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 38.173 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MS

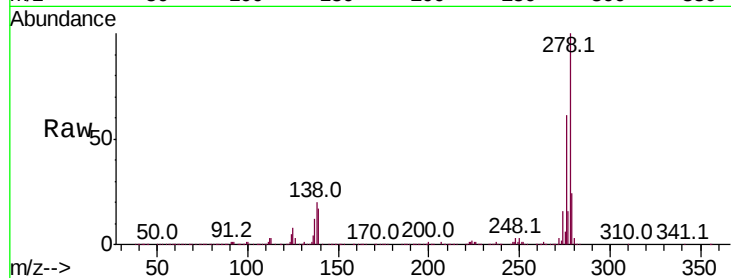
Tot Ion:278 Resp: 1580416

Ion Ratio Lower Upper

278 100

139 17.0 14.7 22.1

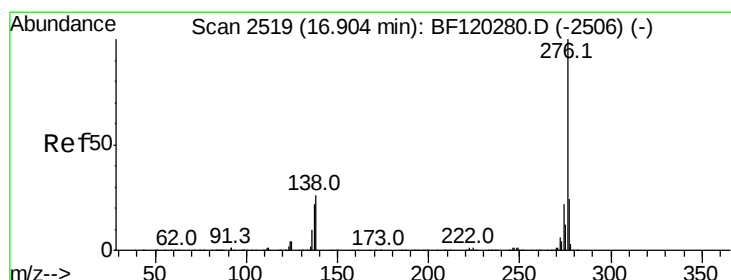
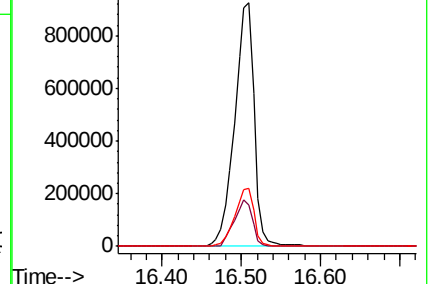
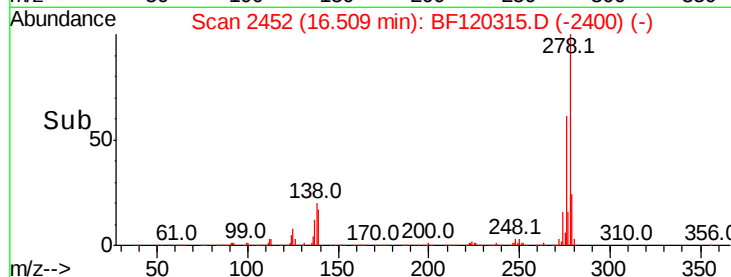
279 24.0 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.597 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF120315.D

Acq: 15 May 2020 12:18

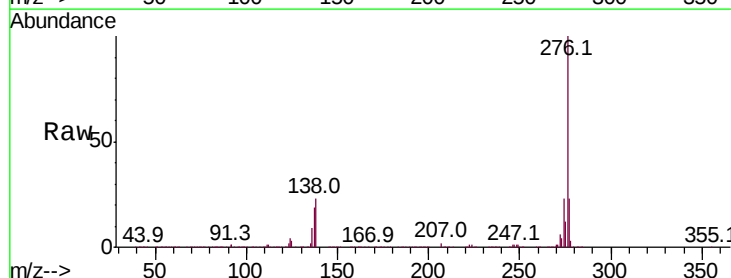
Tgt Ion:276 Resp: 1611393

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 23.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

