

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120316.D
 Acq On : 15 May 2020 12:45
 Operator : MA/SJ
 Sample : L2501-07MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Quant Time: May 15 13:23:24 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	442296	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1837086	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	847042	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1924857	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1178101	20.00	ng	0.00
87) Perylene-d12	15.17	264	1108136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	2215710	97.47	ng	0.02
7) Phenol-d6	6.28	99	2518426	87.61	ng	0.00
23) Nitrobenzene-d5	7.19	82	1921724	71.62	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	913376	132.25	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3506135	85.04	ng	0.00
79) Terphenyl-d14	12.73	244	3830855	71.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	361406	39.967	ng	99
3) Pyridine	3.04	79	686772	24.161	ng	100
4) n-Nitrosodimethylamine	2.96	42	407849	36.644	ng	96
6) Aniline	6.29	93	717286	19.511	ng	# 45
8) 2-Chlorophenol	6.41	128	1070094	40.374	ng	96
9) Benzaldehyde	6.16	77	413464	23.332	ng	97
10) Phenol	6.29	94	1000950	29.828	ng	82
11) bis(2-Chloroethyl)ether	6.36	93	1021753	38.117	ng	99
12) 1,3-Dichlorobenzene	6.56	146	966202	34.068	ng	98
13) 1,4-Dichlorobenzene	6.63	146	992646	33.982	ng	98
14) 1,2-Dichlorobenzene	6.79	146	856993	32.579	ng	98
15) Benzyl Alcohol	6.77	79	766417	37.528	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1475213	34.922	ng	70
17) 2-Methylphenol	6.90	107	740979	33.117	ng	93
18) Hexachloroethane	7.12	117	369185	33.176	ng	100
19) n-Nitroso-di-n-propylamine	7.05	70	693103	36.803	ng	96
20) 3+4-Methylphenols	7.05	107	971117	33.383	ng	98
22) Acetophenone	7.04	105	1378531	36.629	ng	98
24) Nitrobenzene	7.21	77	1007490	34.889	ng	99
25) Isophorone	7.45	82	2028747	36.339	ng	99
26) 2-Nitrophenol	7.52	139	562050	37.216	ng	94
27) 2,4-Dimethylphenol	7.57	122	898231	40.886	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	1383275	39.420	ng	100
29) 2,4-Dichlorophenol	7.77	162	845114	37.455	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	877693	35.103	ng	98
31) Naphthalene	7.92	128	3037728	39.180	ng	99
32) Benzoic acid	7.74	122	494833	34.363	ng	96
33) 4-Chloroaniline	7.98	127	452459	12.805	ng	99
34) Hexachlorobutadiene	8.04	225	486108	33.636	ng	98
35) Caprolactam	8.37	113	96871	13.123	ng	98
36) 4-Chloro-3-methylphenol	8.48	107	987150	40.442	ng	99
37) 2-Methylnaphthalene	8.62	142	1896171	35.738	ng	98
38) 1-Methylnaphthalene	8.72	142	1789612	34.777	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	840519	39.353	ng	99

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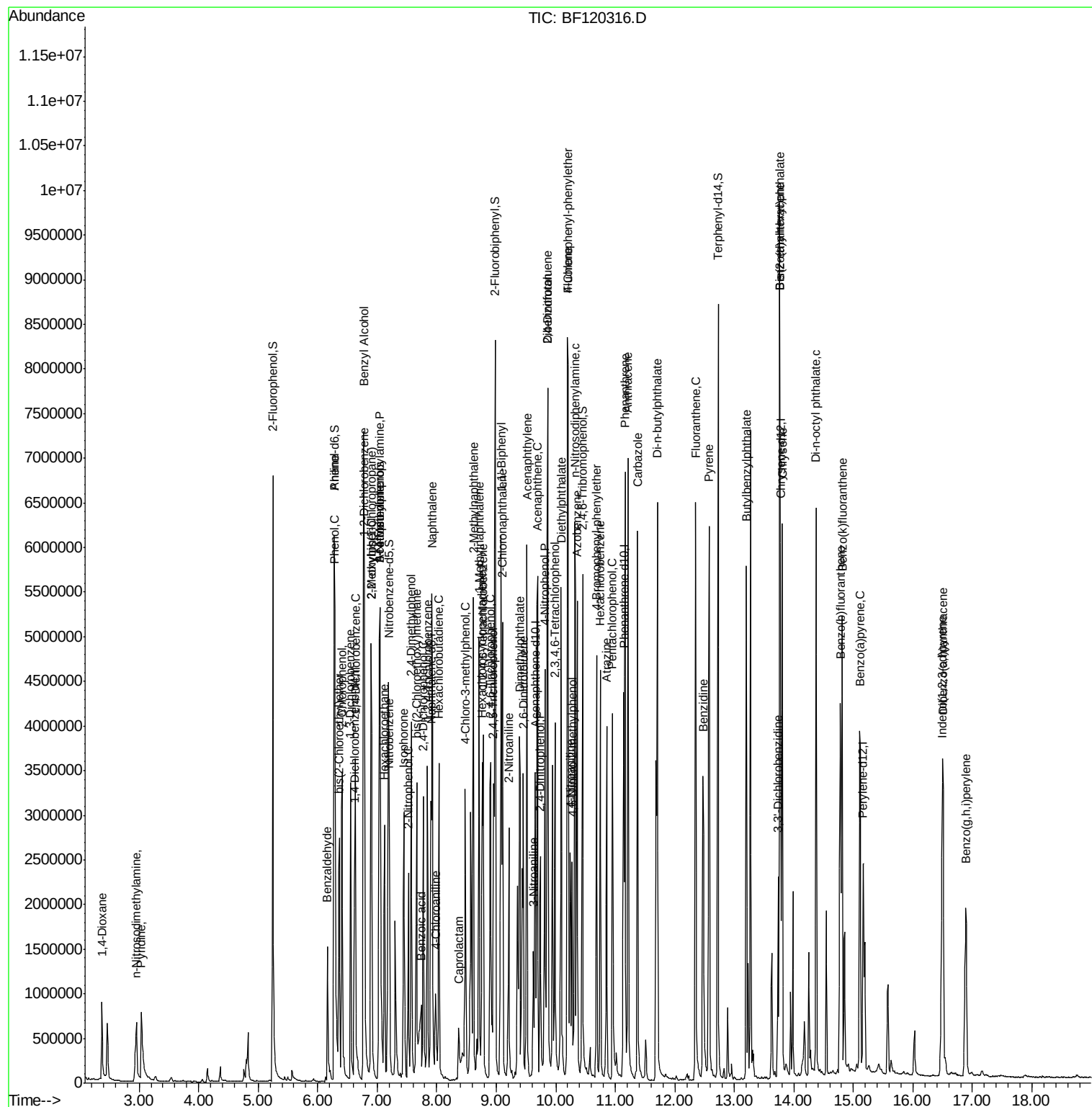
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	607845	69.903	ng	99
43) 2,4,6-Trichlorophenol	8.90	196	632792	44.138	ng	99
44) 2,4,5-Trichlorophenol	8.95	196	636703	38.671	ng	99
46) 1,1'-Biphenyl	9.08	154	2279588	41.074	ng	100
47) 2-Chloronaphthalene	9.10	162	1748009	39.265	ng	99
48) 2-Nitroaniline	9.21	65	641704	39.506	ng	98
49) Acenaphthylene	9.52	152	2635639	38.757	ng	99
50) Dimethylphthalate	9.39	163	2356874	44.017	ng	100
51) 2,6-Dinitrotoluene	9.46	165	465470	38.949	ng	95
52) Acenaphthene	9.69	154	1518456	37.251	ng	100
53) 3-Nitroaniline	9.62	138	291048	20.422	ng	98
54) 2,4-Dinitrophenol	9.74	184	430948	76.394	ng	97
55) Dibenzofuran	9.86	168	2590555	44.132	ng	98
56) 4-Nitrophenol	9.82	139	569958	74.430	ng	86
57) 2,4-Dinitrotoluene	9.86	165	605032	43.159	ng	98
58) Fluorene	10.20	166	2059491	46.069	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	583749	47.112	ng	97
60) Diethylphthalate	10.09	149	2418003	46.775	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	1002851	43.147	ng	97
62) 4-Nitroaniline	10.25	138	607227	45.757	ng	99
63) Azobenzene	10.36	77	2362009	48.345	ng	100
65) 4,6-Dinitro-2-methylphenol	10.27	198	404340	41.536	ng	95
66) n-Nitrosodiphenylamine	10.32	169	2036075	38.234	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	668875	35.810	ng	98
68) Hexachlorobenzene	10.75	284	715878	36.635	ng	99
69) Atrazine	10.86	200	519671	32.613	ng	99
70) Pentachlorophenol	10.95	266	629230	75.712	ng	99
71) Phenanthrene	11.16	178	2979317	36.835	ng	98
72) Anthracene	11.22	178	3281632	37.899	ng	99
73) Carbazole	11.37	167	3026313	37.406	ng	100
74) Di-n-butylphthalate	11.71	149	3628845	37.217	ng	100
75) Fluoranthene	12.35	202	3115299	35.935	ng	99
77) Benzidine	12.47	184	1312321	38.146	ng	98
78) Pyrene	12.57	202	3146802	37.468	ng	100
80) Butylbenzylphthalate	13.20	149	1469121	37.148	ng	97
81) Benzo(a)anthracene	13.77	228	2311306	37.197	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	511493	21.844	ng	98
83) Chrysene	13.80	228	2468684	36.999	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1757744	35.723	ng	100
85) Di-n-octyl phthalate	14.37	149	3347816	37.821	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1912350	31.579	ng	100
88) Benzo(b)fluoranthene	14.78	252	2259654	37.339	ng	99
89) Benzo(k)fluoranthene	14.81	252	2173097	41.446	ng	100
90) Benzo(a)pyrene	15.12	252	2000062	36.851	ng	99
91) Dibenzo(a,h)anthracene	16.51	278	1631928	33.941	ng	98
92) Benzo(g,h,i)perylene	16.89	276	1639705	33.818	ng	99

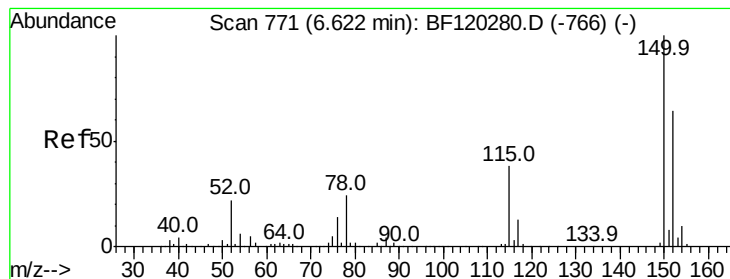
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

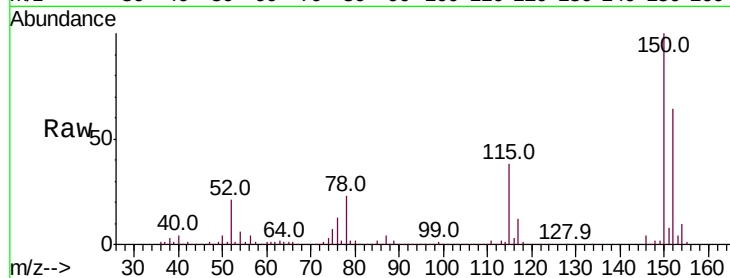
Tot Ion:152 Resp: 442296

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

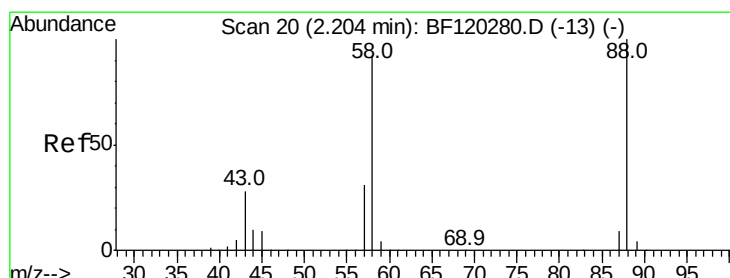
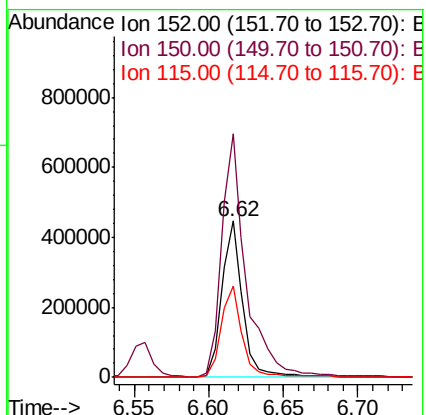
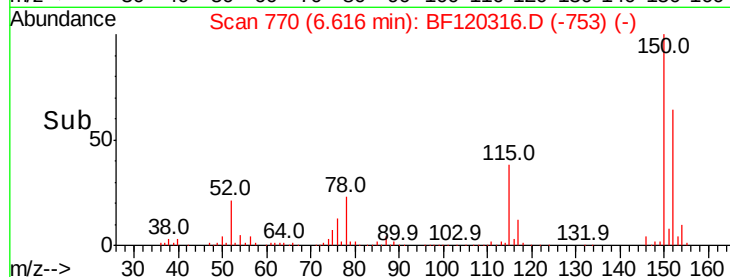
115 58.5 47.9 71.9



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: 39.967 ng

RT: 2.38 min Scan# 49

Delta R.T. 0.18 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

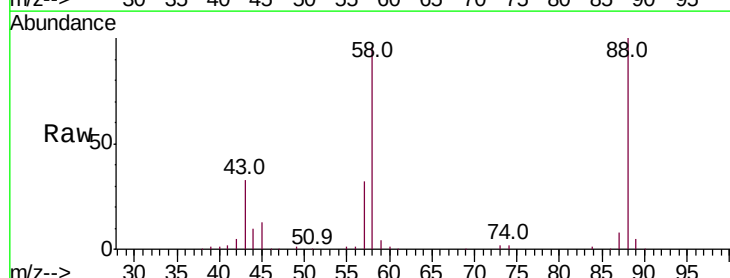
Tgt Ion: 88 Resp: 361406

Ion Ratio Lower Upper

88 100

58 94.5 75.8 113.6

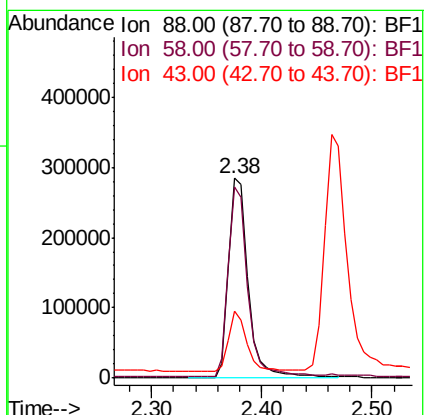
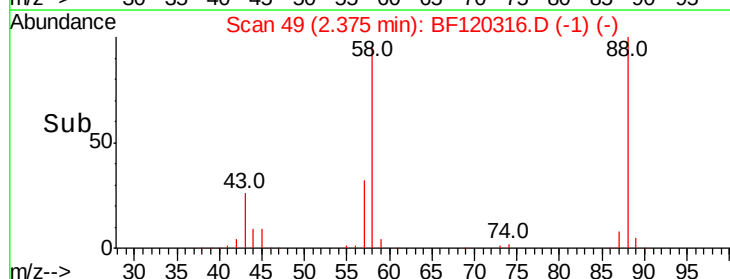
43 28.7 23.6 35.4

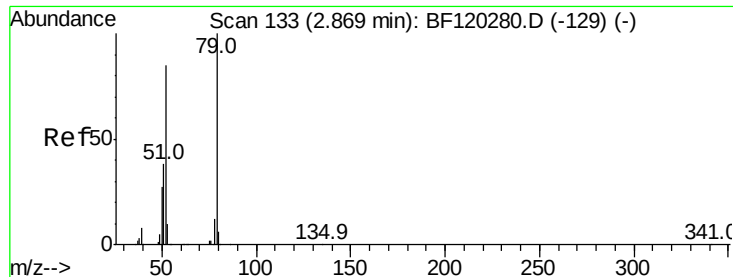


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.161 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.18 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

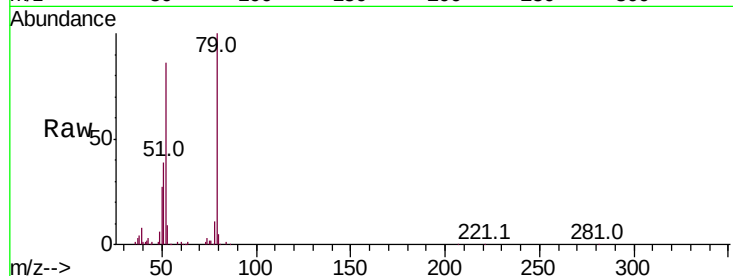
Tot Ion: 79 Resp: 686772

Ion Ratio Lower Upper

79 100

52 85.6 68.4 102.6

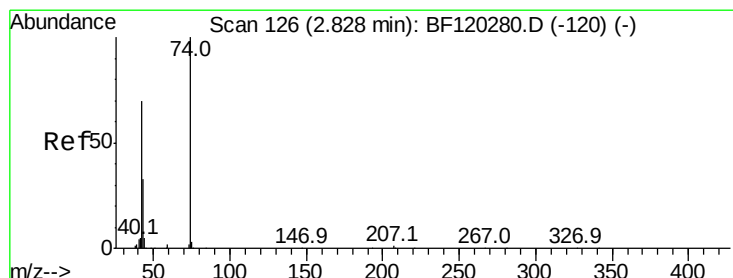
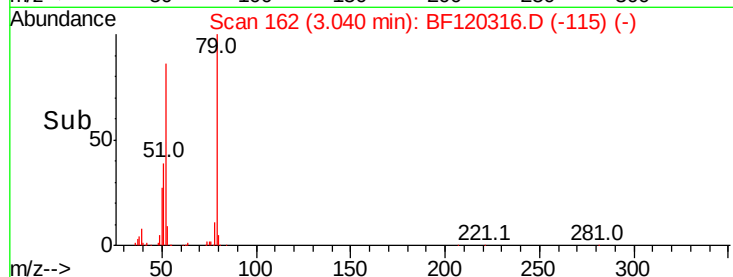
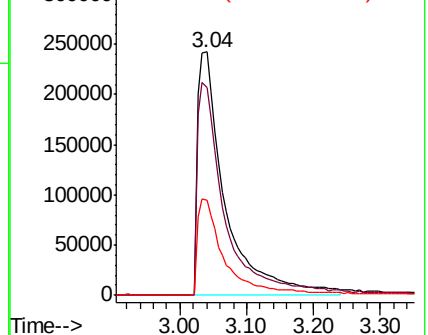
51 39.0 31.0 46.4



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: 36.644 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.14 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

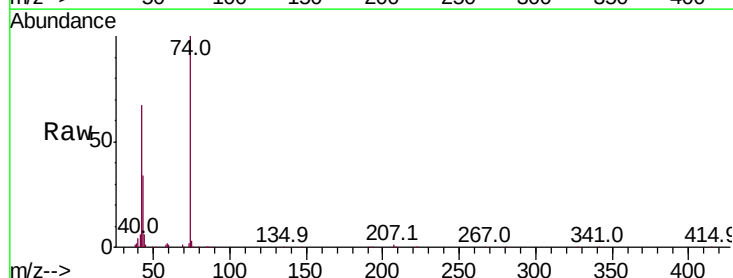
Tgt Ion: 42 Resp: 407849

Ion Ratio Lower Upper

42 100

74 149.0 114.8 172.2

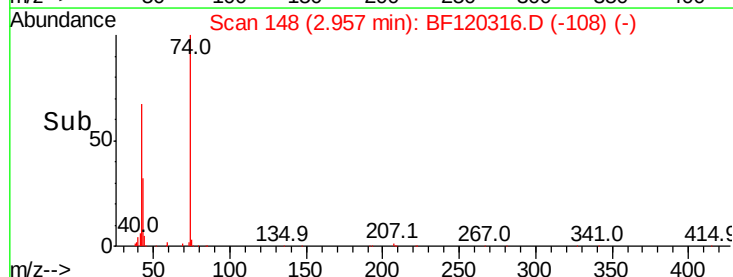
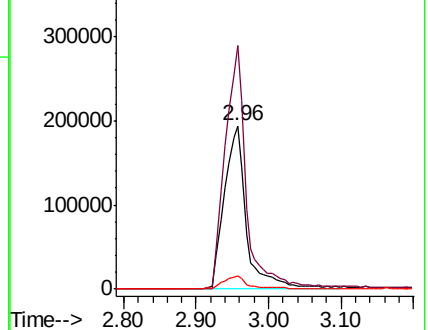
44 8.3 5.6 8.4

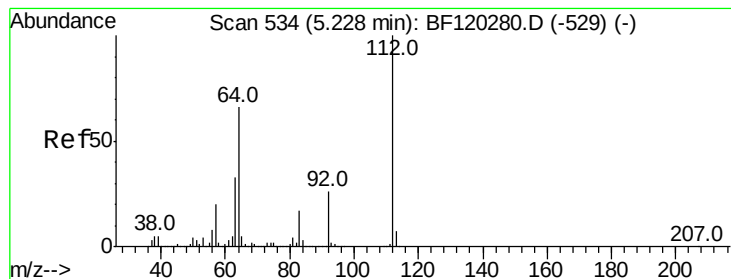


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.471 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.02 min

Lab File: BF120316.D

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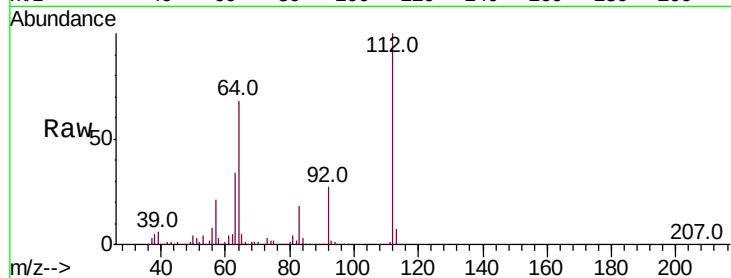
Tot Ion:112 Resp: 2215710

Ion Ratio Lower Upper

112 100

64 68.4 52.7 79.1

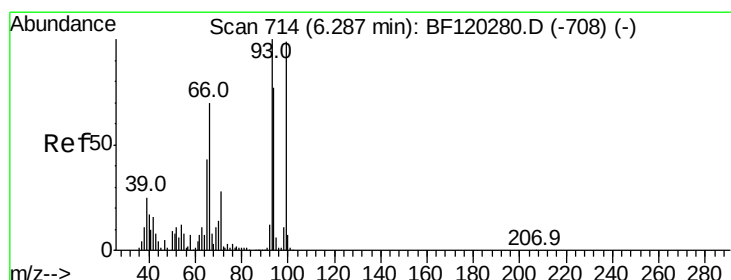
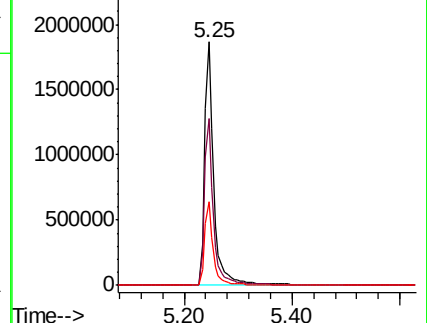
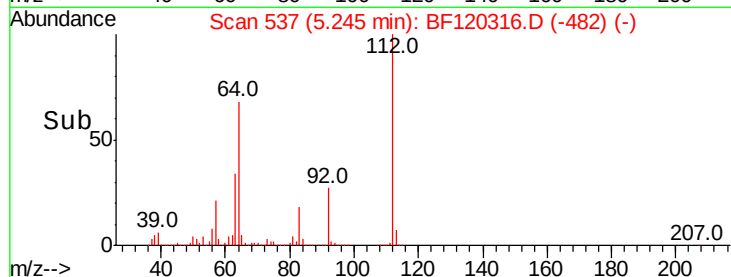
63 34.3 26.2 39.4



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: 19.511 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

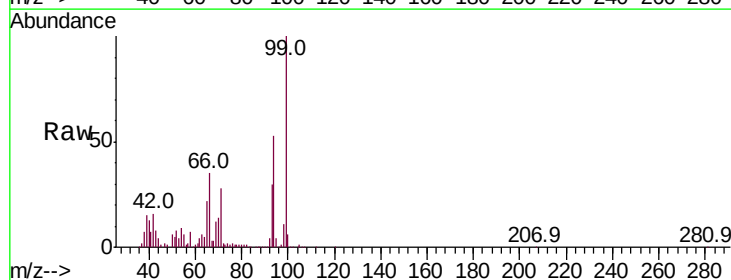
Tgt Ion: 93 Resp: 717286

Ion Ratio Lower Upper

93 100

66 117.0 56.2 84.4#

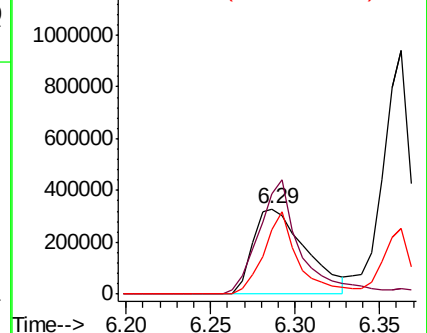
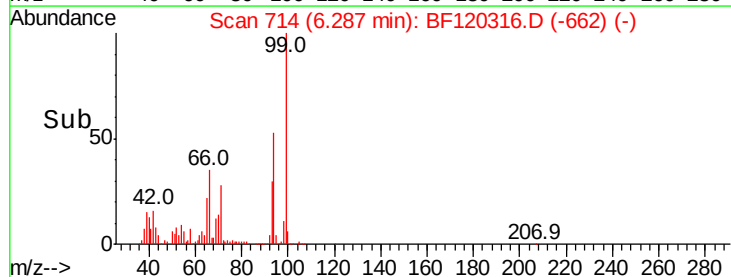
65 75.1 34.2 51.2#

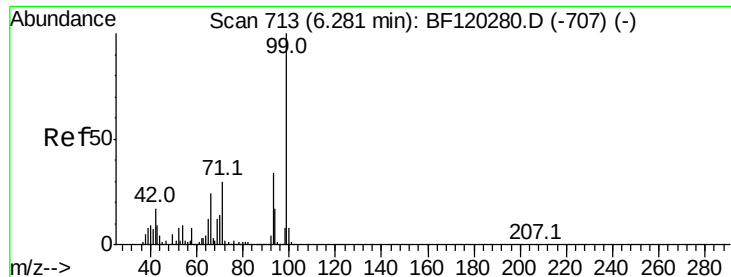


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.608 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

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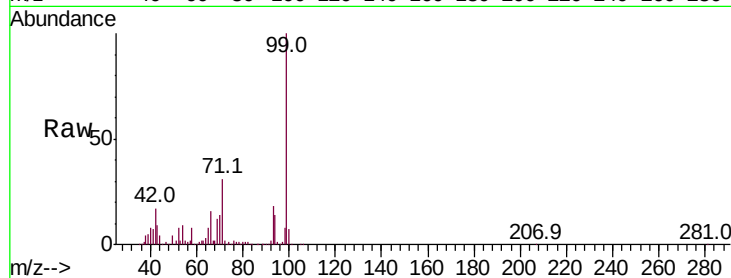
Tot Ion: 99 Resp: 2518426

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

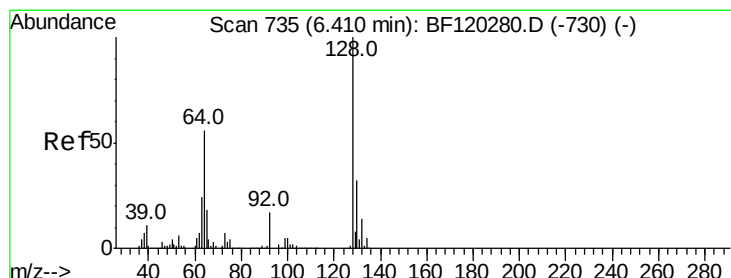
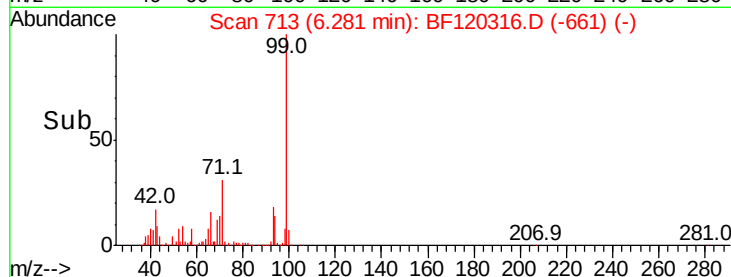
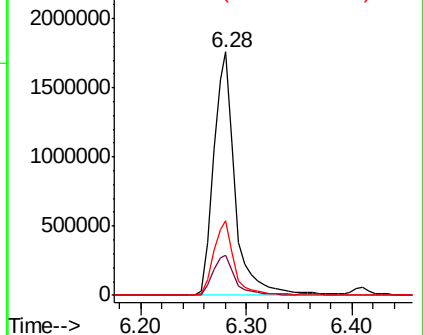
71 30.8 24.2 36.4



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: 40.374 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

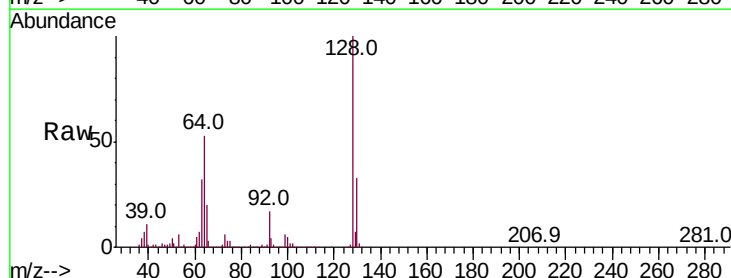
Tgt Ion:128 Resp: 1070094

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

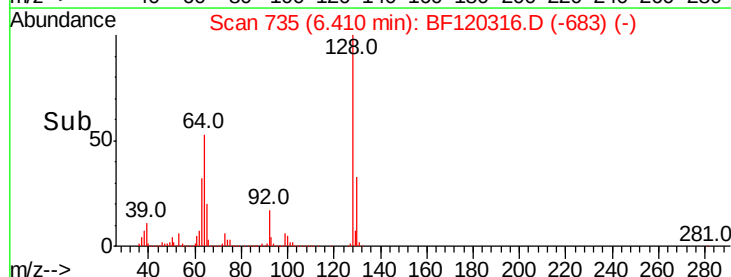
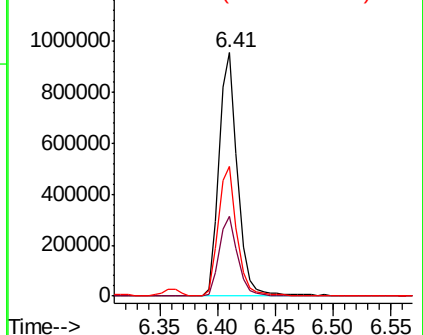
64 53.0 36.7 76.7

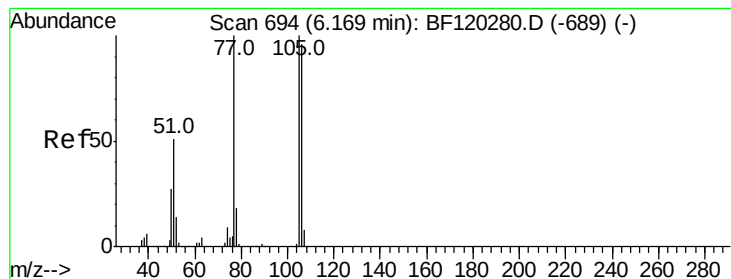


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.332 ng

RT: 6.16 min Scan# 693

Delta R.T. -0.00 min

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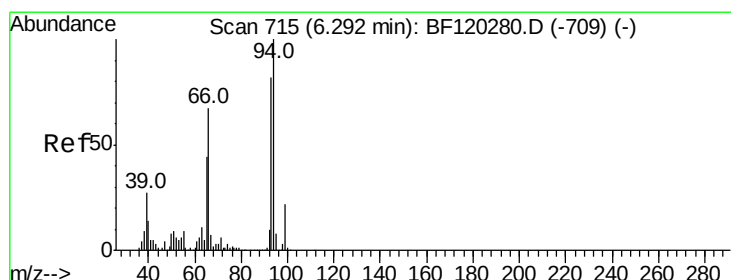
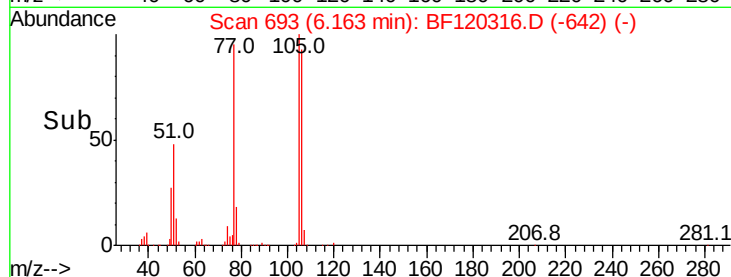
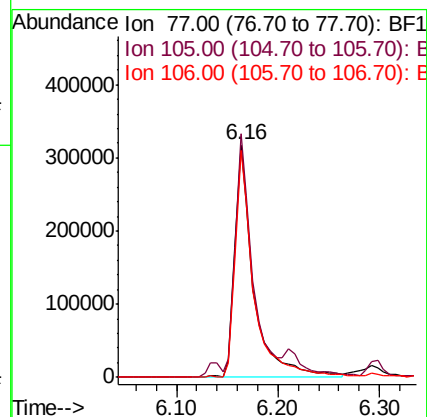
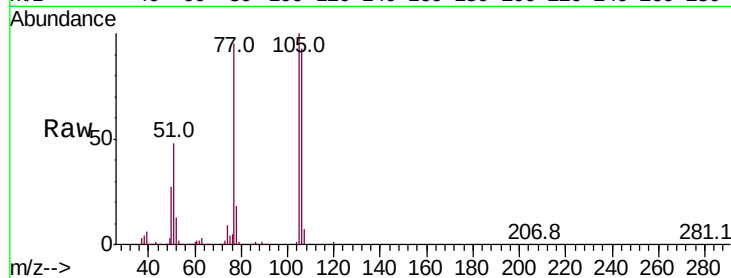
Tot Ion: 77 Resp: 413464

Ion Ratio Lower Upper

77 100

105 104.8 79.9 119.9

106 97.6 75.7 115.7



#10

Phenol

Concen: 29.828 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

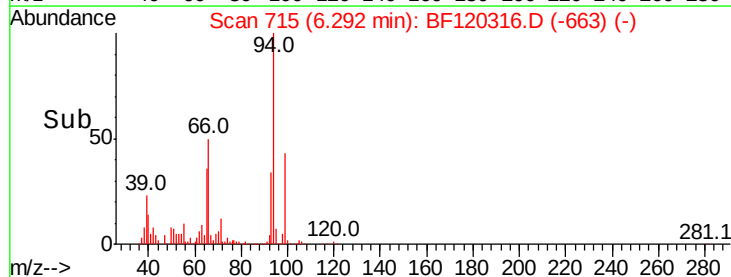
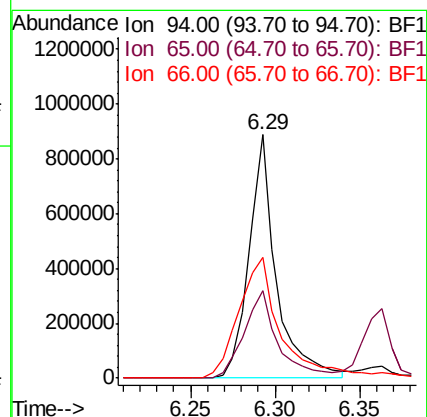
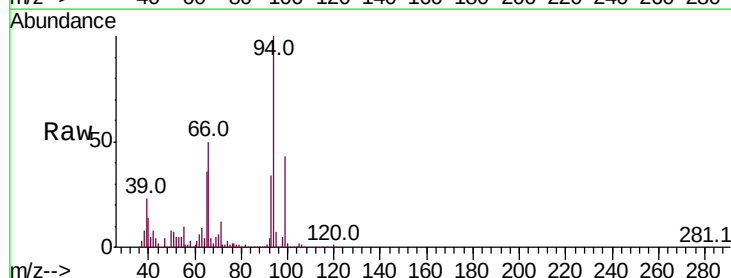
Tgt Ion: 94 Resp: 1000950

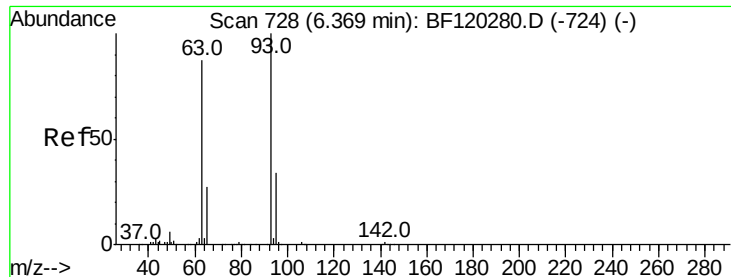
Ion Ratio Lower Upper

94 100

65 35.9 24.1 64.1

66 49.6 47.5 87.5

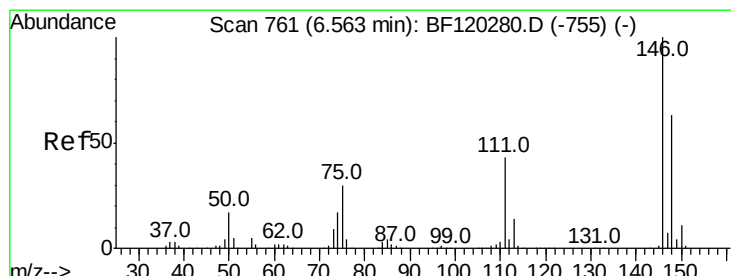
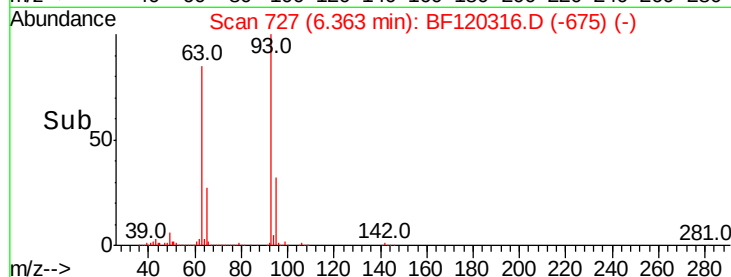
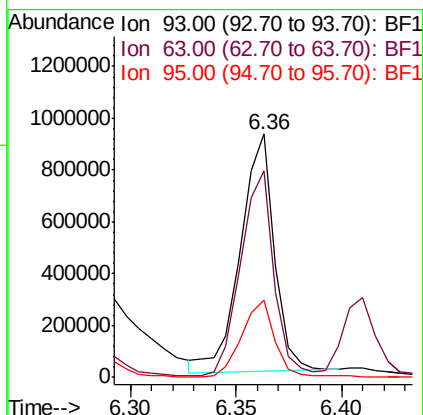
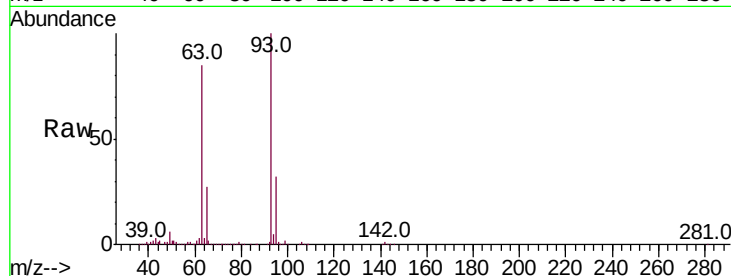




#11
bis(2-Chloroethyl)ether
Concen: 38.117 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

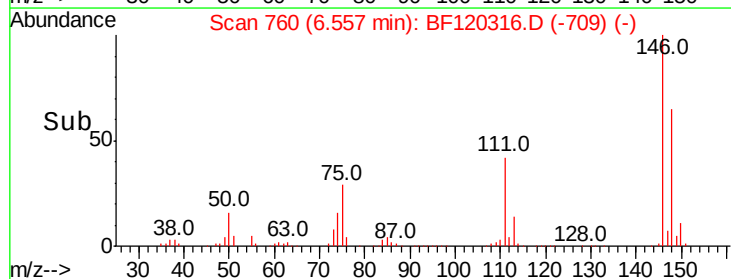
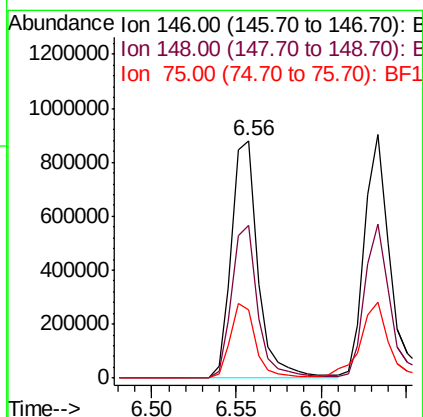
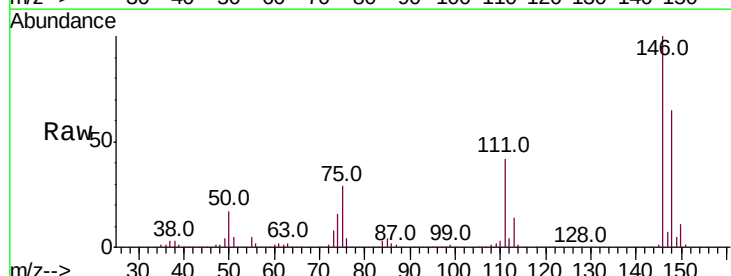
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

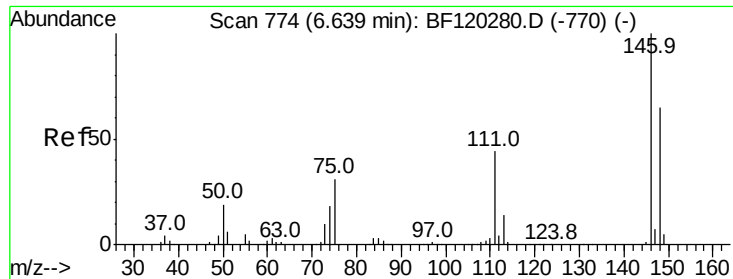
Tot Ion: 93 Resp: 1021753
Ion Ratio Lower Upper
93 100
63 84.6 65.4 105.4
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 34.068 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion: 146 Resp: 966202
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 28.6 24.2 36.4

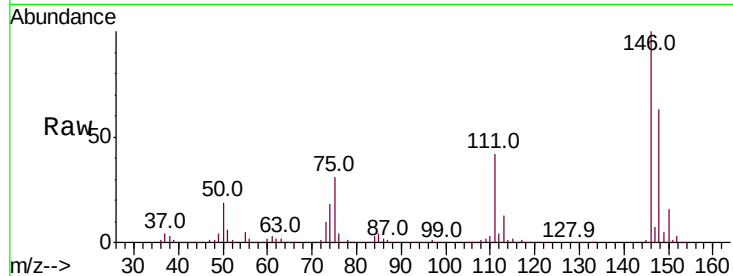




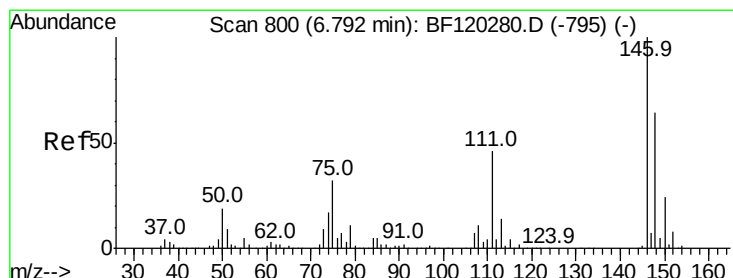
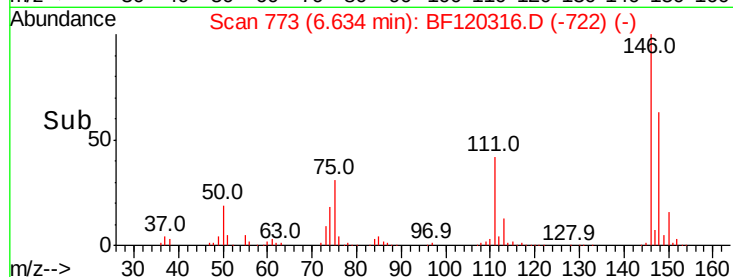
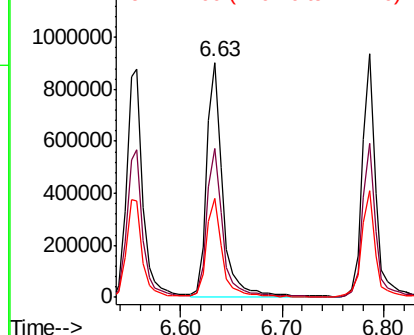
#13
 1,4-Dichlorobenzene
 Concen: 33.982 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:146 Resp: 992646
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 42.1 35.1 52.7

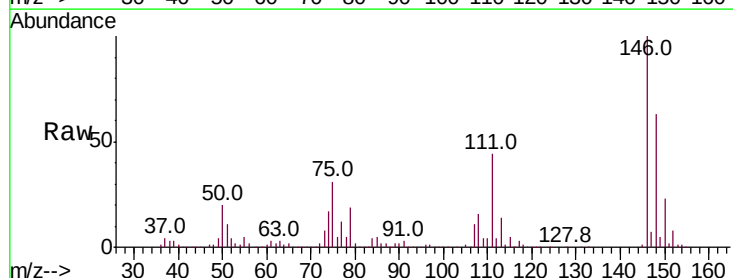


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

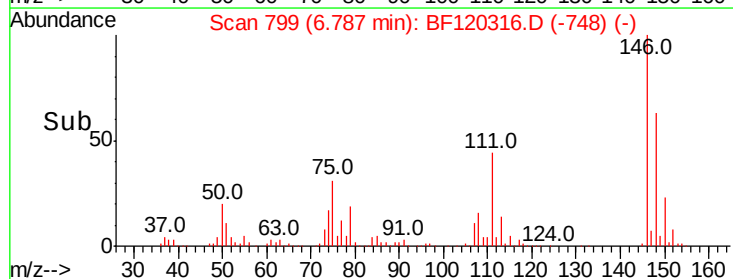
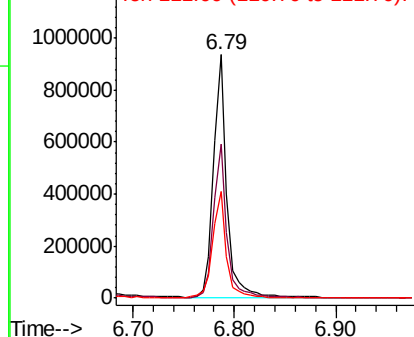


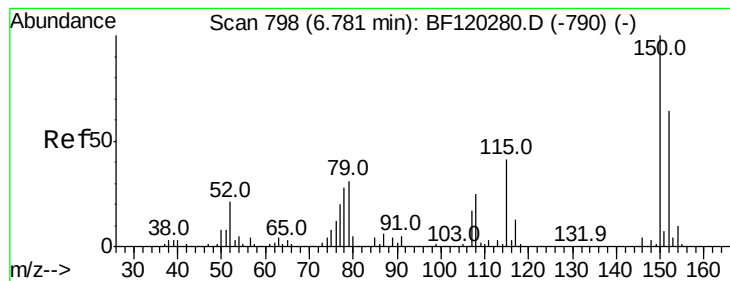
#14
 1,2-Dichlorobenzene
 Concen: 32.579 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Tgt Ion:146 Resp: 856993
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 43.6 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 37.528 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

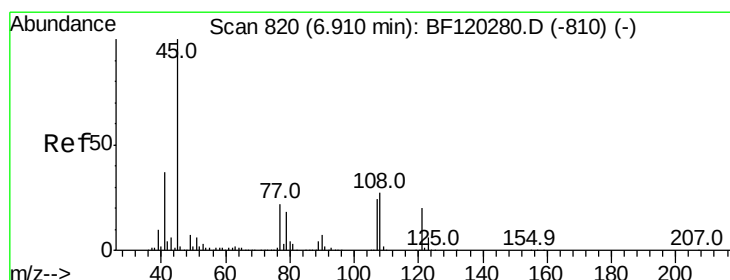
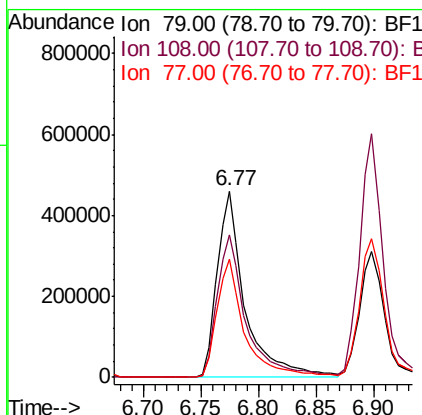
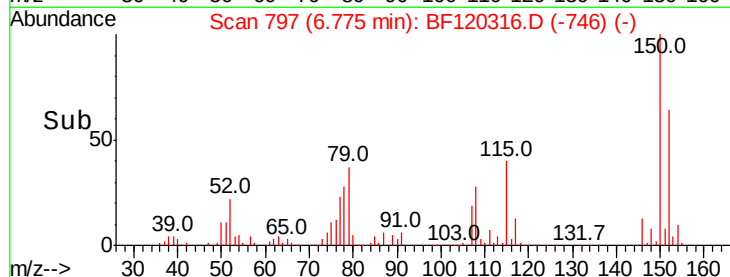
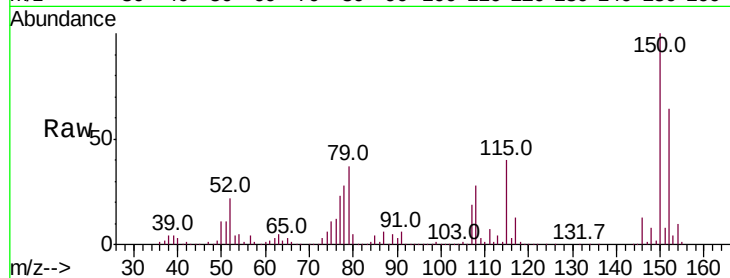
Tot Ion: 79 Resp: 766417

Ion Ratio Lower Upper

79 100

108 76.8 64.2 96.4

77 63.3 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.922 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

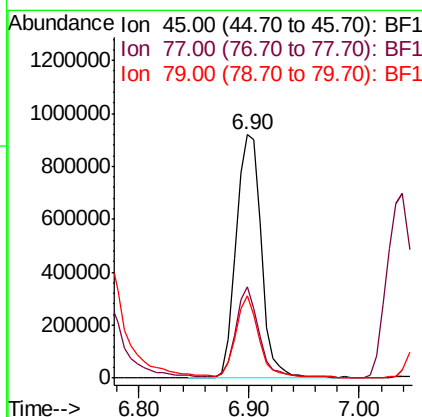
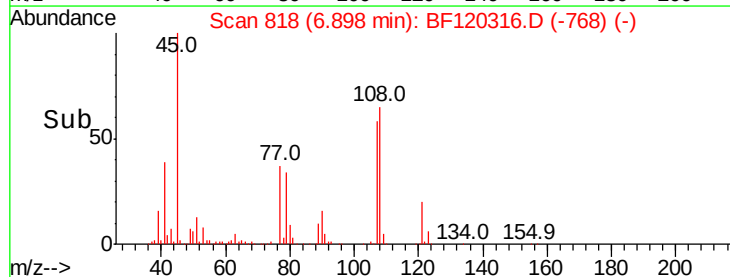
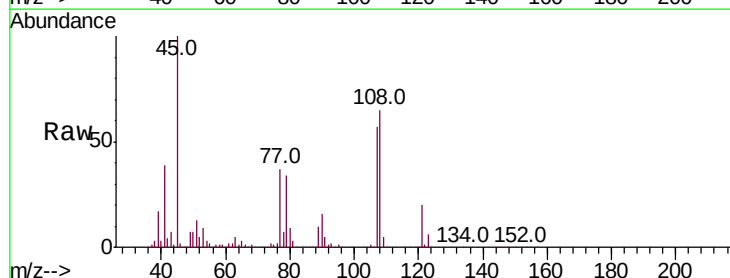
Tgt Ion: 45 Resp: 1475213

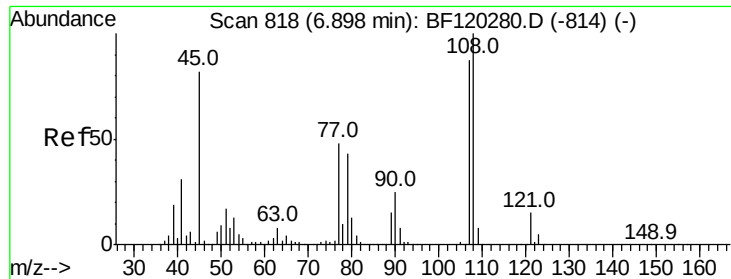
Ion Ratio Lower Upper

45 100

77 37.4 3.1 43.1

79 33.8 0.0 40.0





#17

2-Methylphenol

Concen: 33.117 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:107 Resp: 740979

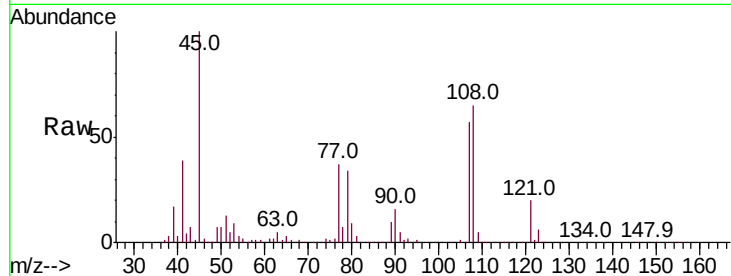
Ion Ratio Lower Upper

107 100

108 113.8 92.4 138.6

77 65.0 44.5 66.7

79 58.9 40.4 60.6

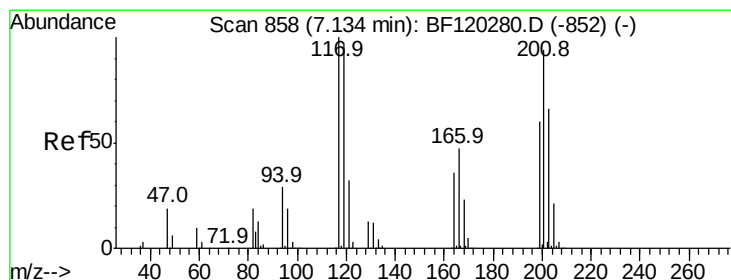
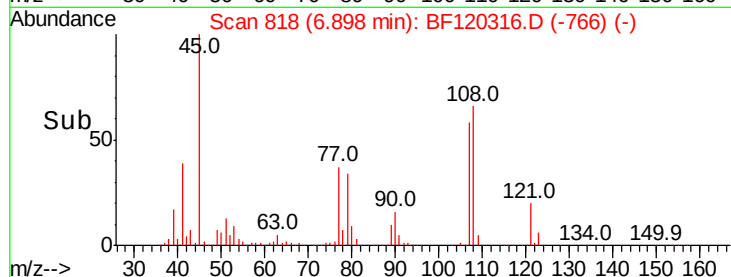
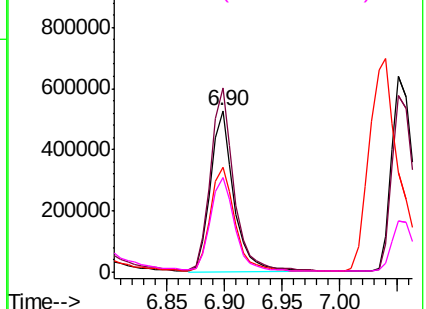


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.176 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

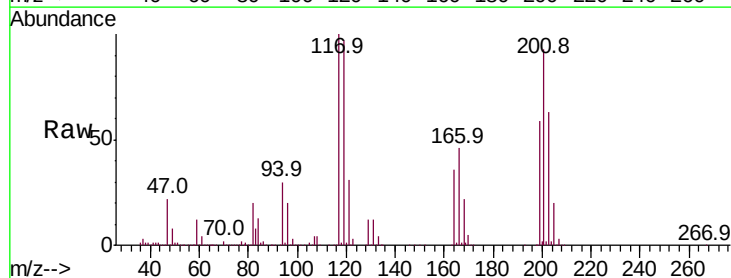
Tgt Ion:117 Resp: 369185

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

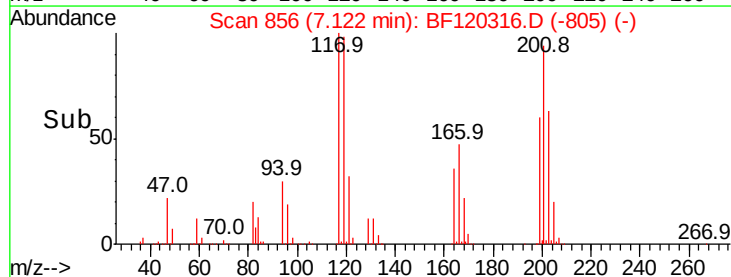
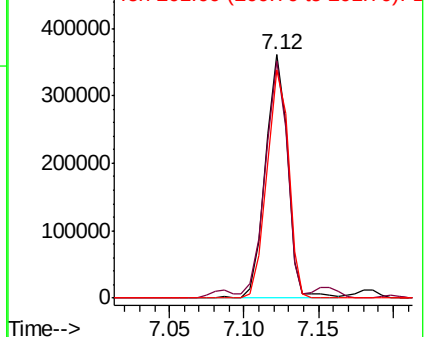
201 93.5 74.9 112.3

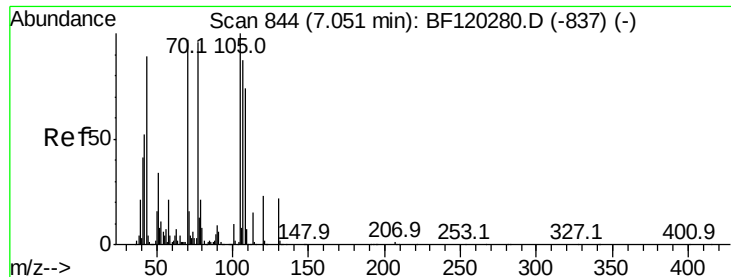


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

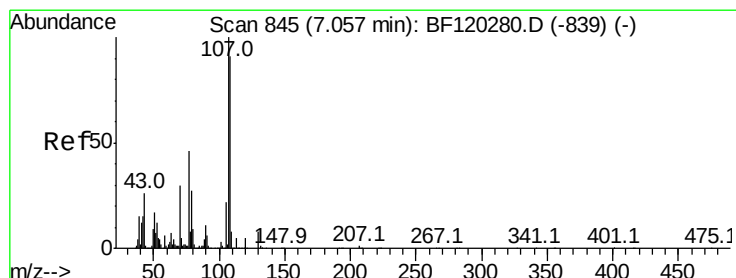
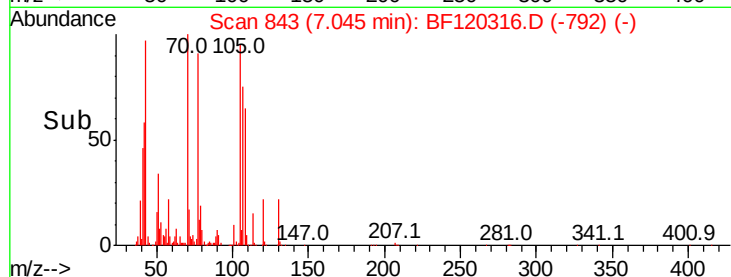
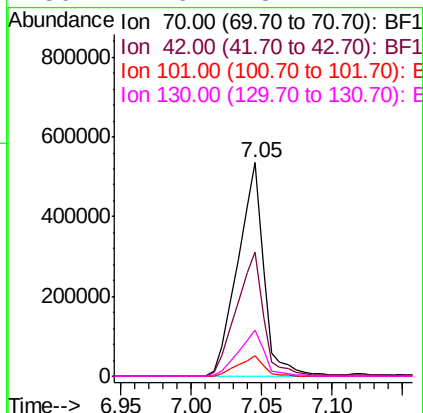
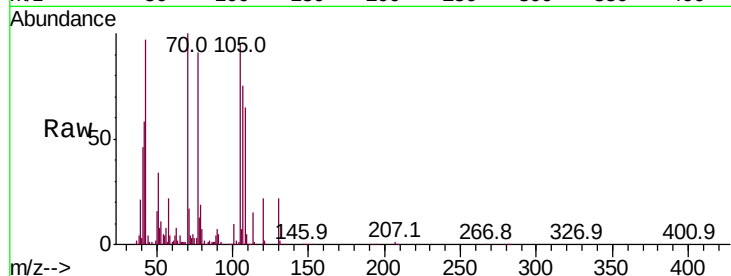




#19
n-Nitroso-di-n-propylamine
Concen: 36.803 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

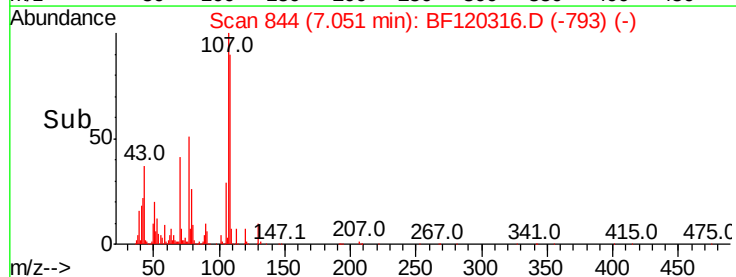
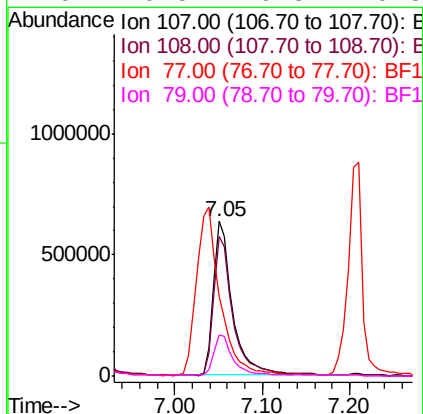
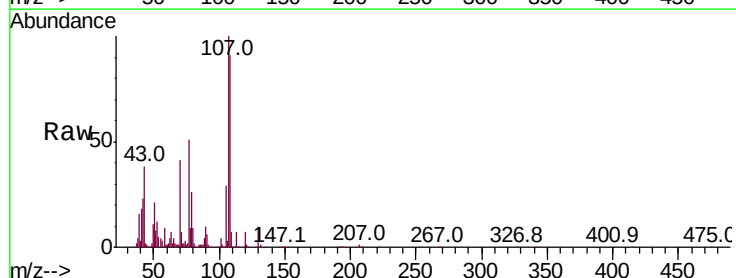
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

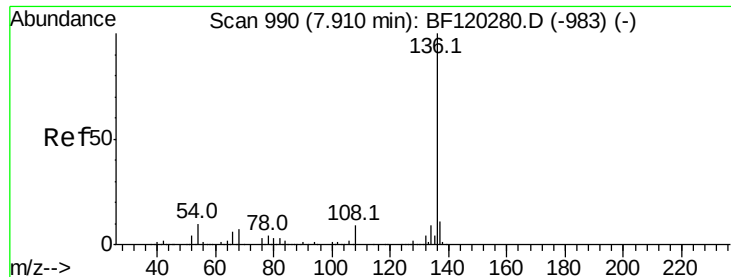
Tot Ion:	70	Resp:	693103
Ion	Ratio	Lower	Upper
70	100		
42	58.0	43.4	65.0
101	9.6	7.8	11.8
130	21.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 33.383 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:	107	Resp:	971117
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.1	111.1
77	51.1	28.1	68.1
79	26.5	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:136 Resp: 1837086

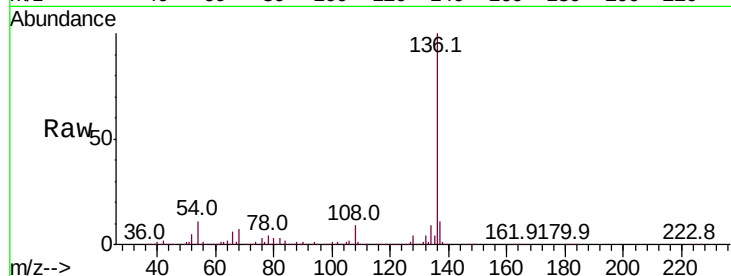
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.7 7.9 11.9

68 7.4 5.4 8.2

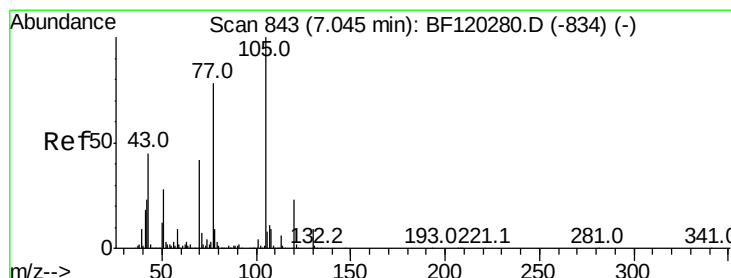
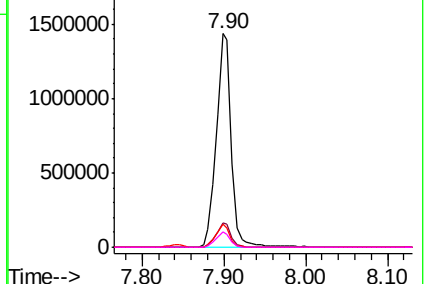
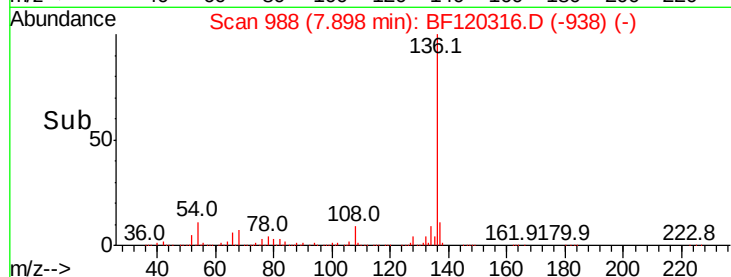


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.629 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Tgt Ion:105 Resp: 1378531

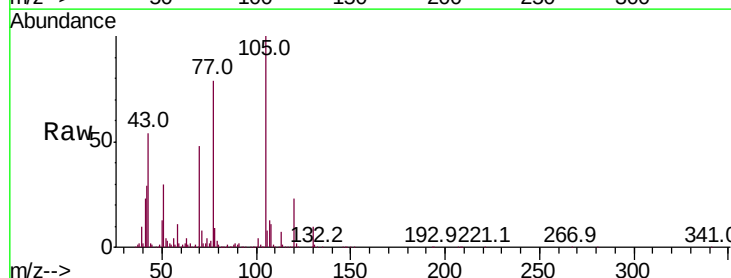
Ion Ratio Lower Upper

105 100

71 8.0 5.6 8.4

51 30.0 22.6 34.0

120 22.8 18.7 28.1

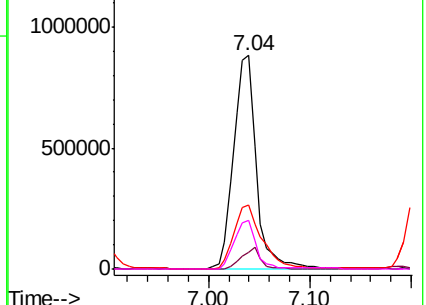
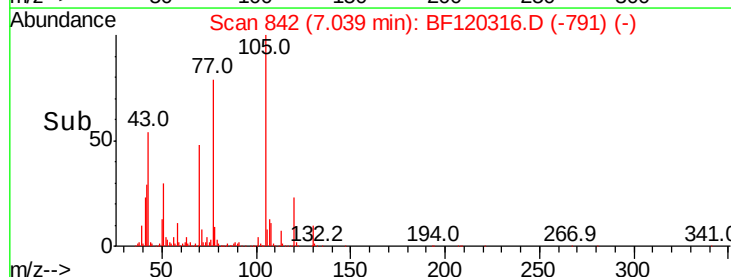


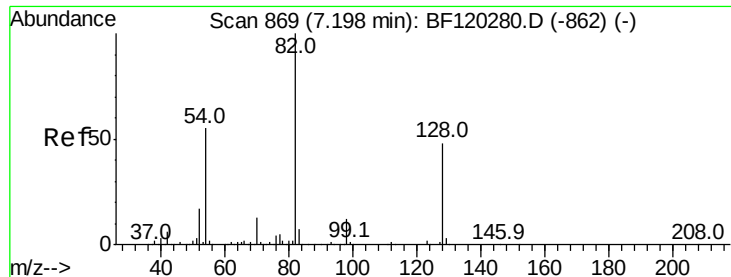
Abundance Ion 105.00 (104.70 to 105.70): E

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



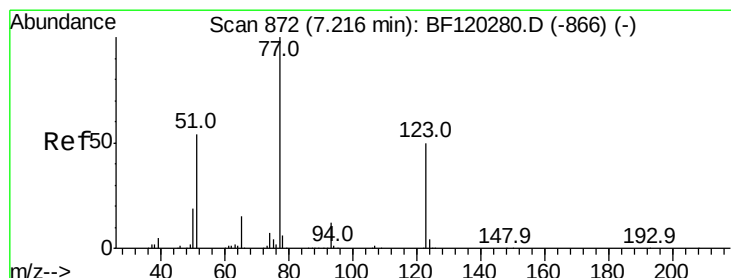
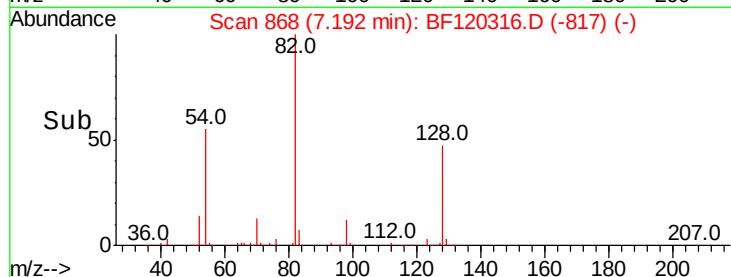
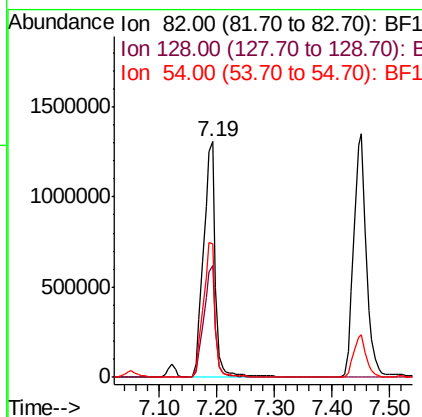
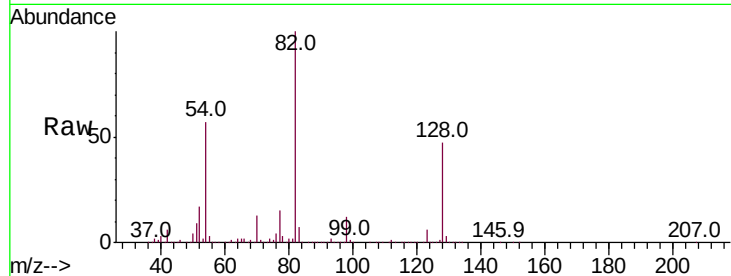


#23
 Nitrobenzene-d5
 Concen: 71.621 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion: 82 Resp: 1921724

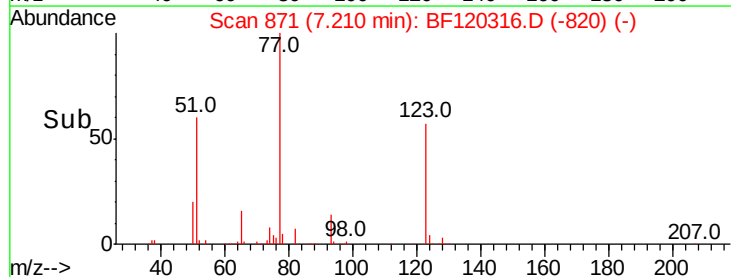
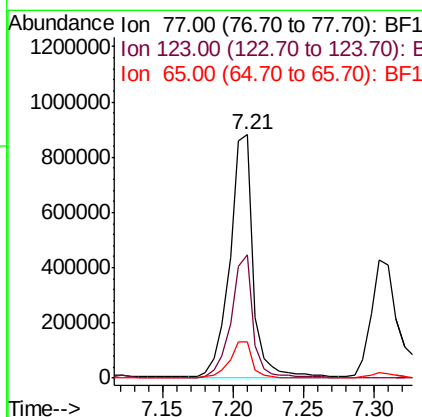
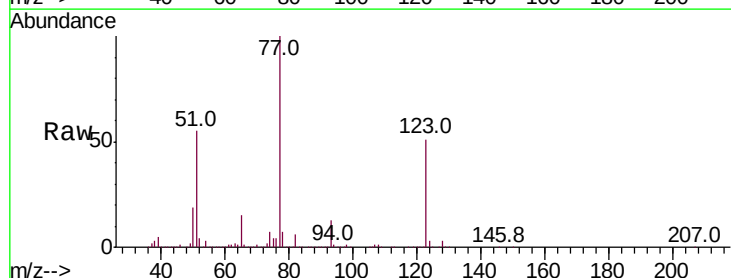
Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.3	57.5
54	56.6	43.9	65.9

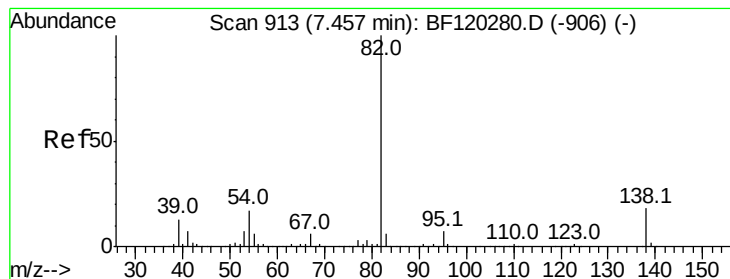


#24
 Nitrobenzene
 Concen: 34.889 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Tgt Ion: 77 Resp: 1007490

Ion	Ratio	Lower	Upper
77	100		
123	50.9	40.0	60.0
65	14.7	11.7	17.5





#25

Isophorone

Concen: 36.339 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

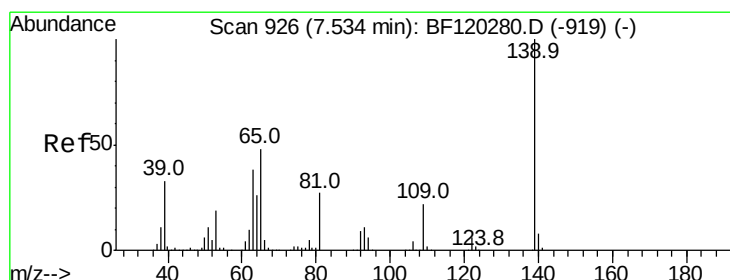
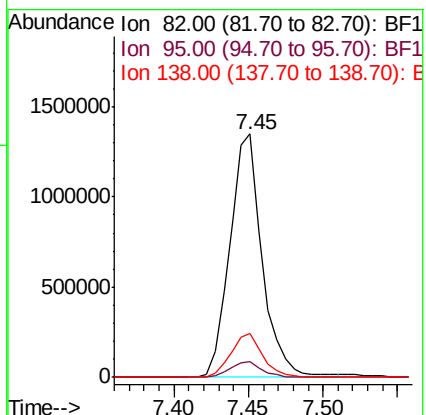
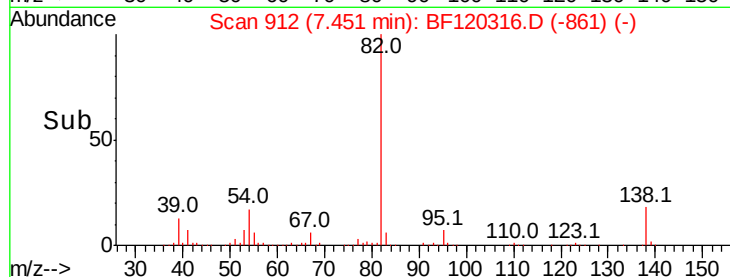
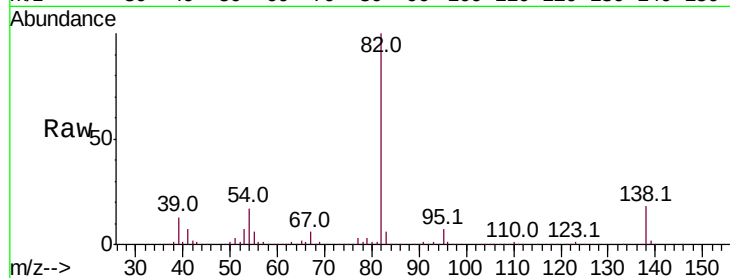
Tot Ion: 82 Resp: 2028747

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 18.1 14.7 22.1



#26

2-Nitrophenol

Concen: 37.216 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

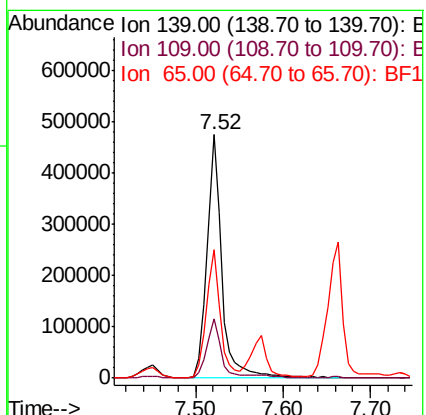
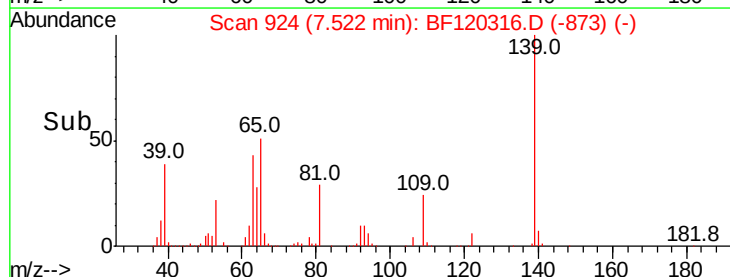
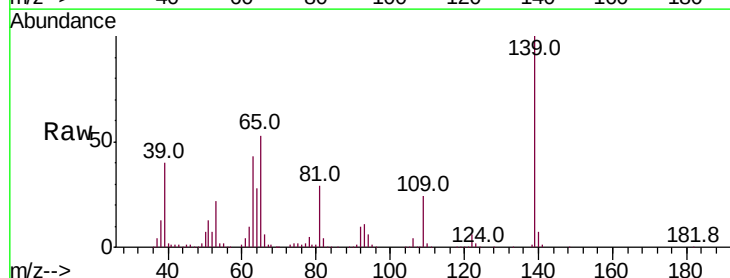
Tgt Ion:139 Resp: 562050

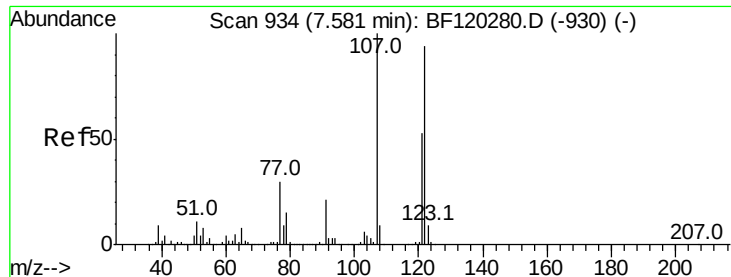
Ion Ratio Lower Upper

139 100

109 24.1 17.7 26.5

65 52.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.886 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

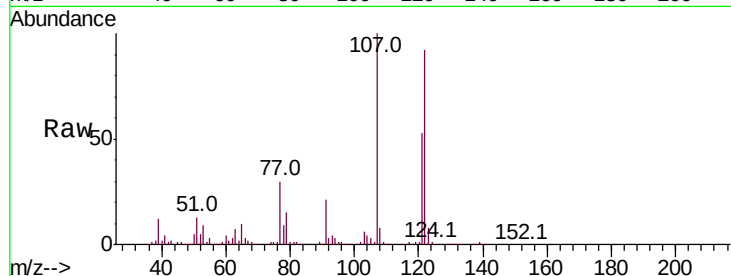
Tot Ion:122 Resp: 898231

Ion Ratio Lower Upper

122 100

107 109.1 85.0 127.6

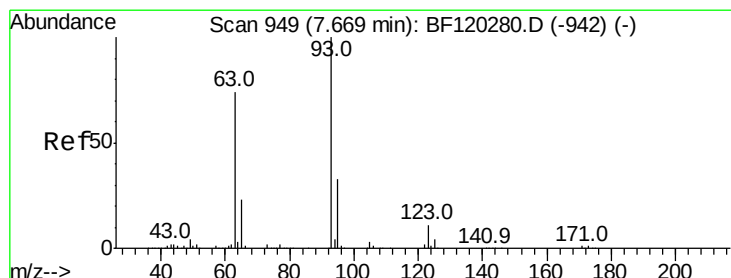
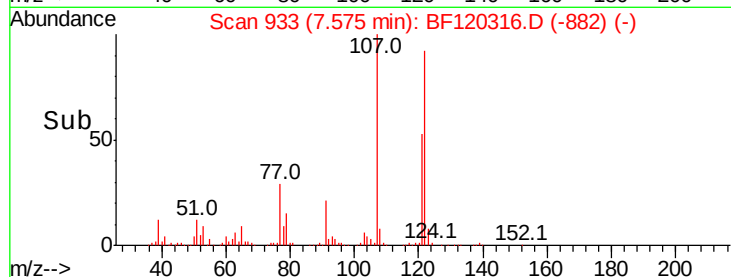
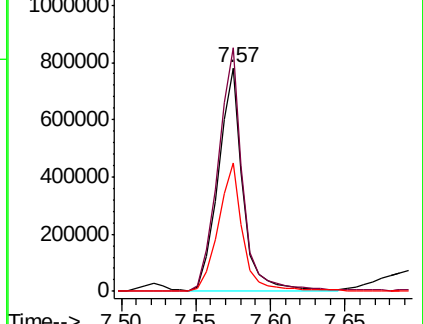
121 57.7 45.1 67.7



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: 39.420 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

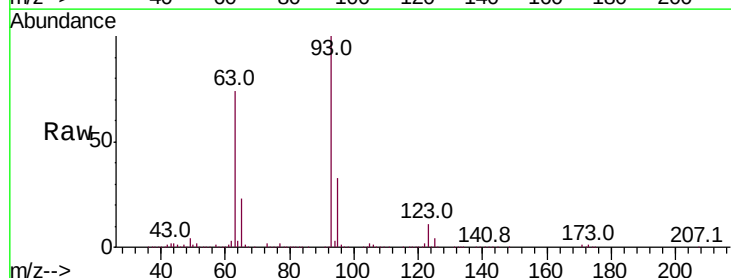
Tgt Ion: 93 Resp: 1383275

Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

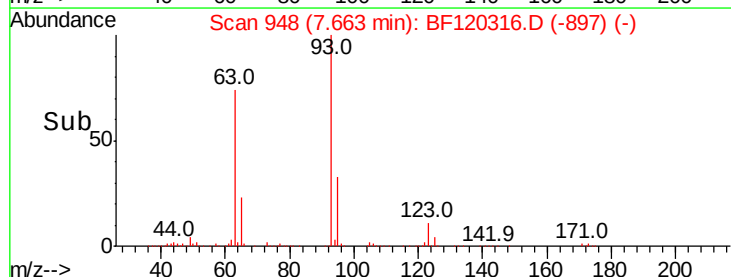
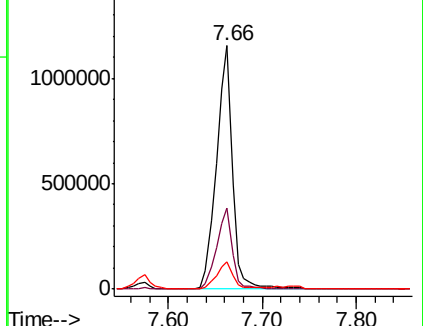
123 11.2 9.2 13.8

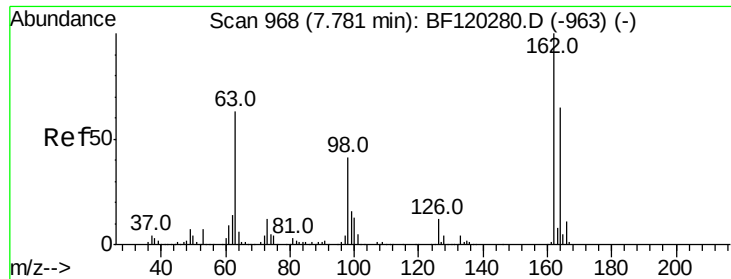


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

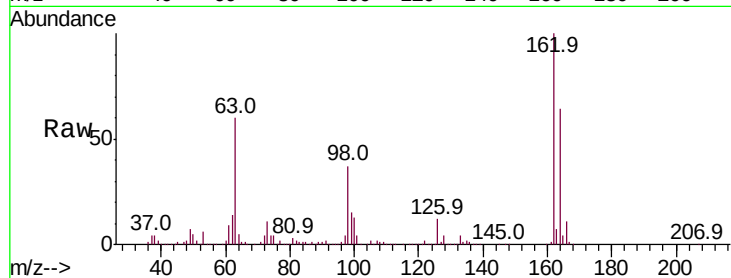




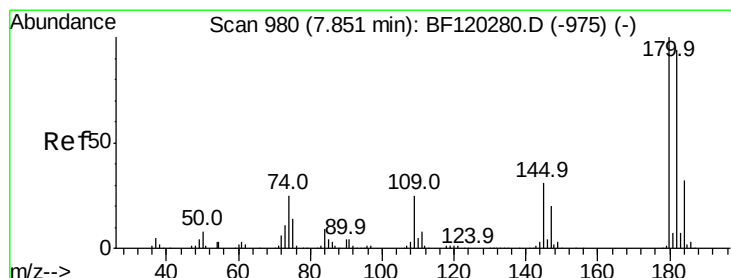
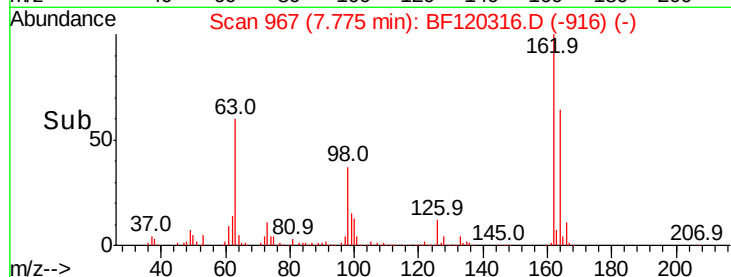
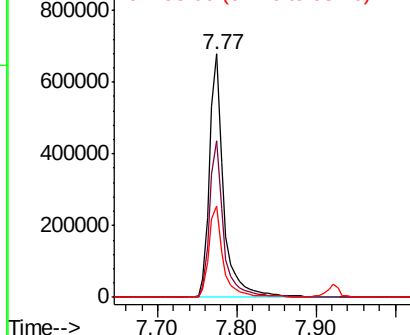
#29
2,4-Dichlorophenol
Concen: 37.455 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:162 Resp: 845114
Ion Ratio Lower Upper
162 100
164 64.3 44.9 84.9
98 37.3 20.7 60.7

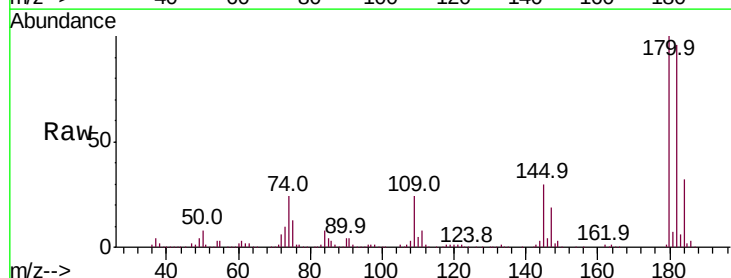


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

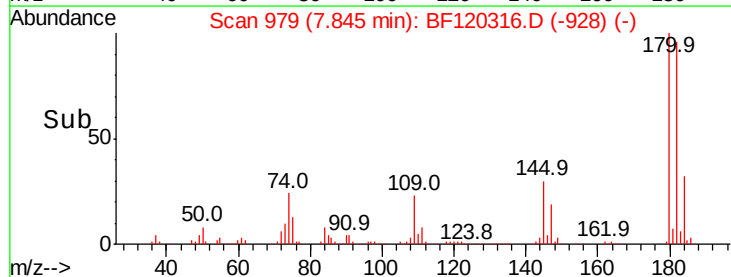
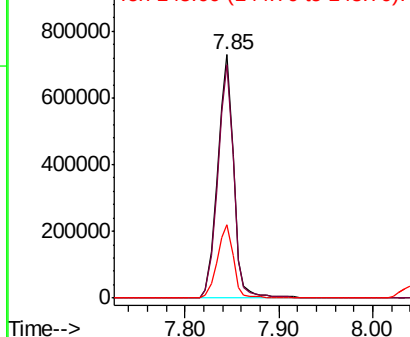


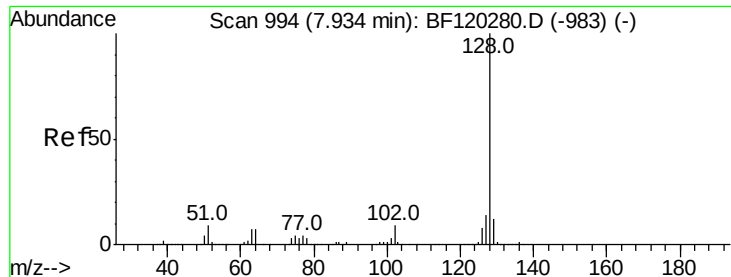
#30
1,2,4-Trichlorobenzene
Concen: 35.103 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:180 Resp: 877693
Ion Ratio Lower Upper
180 100
182 96.1 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

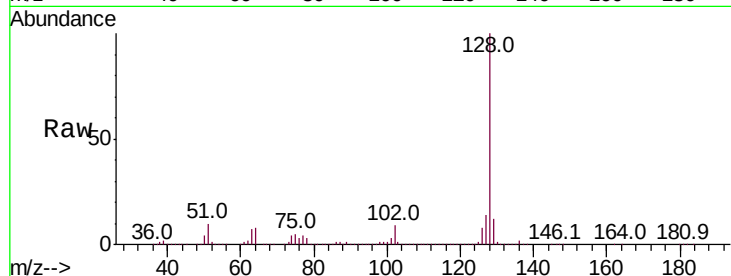




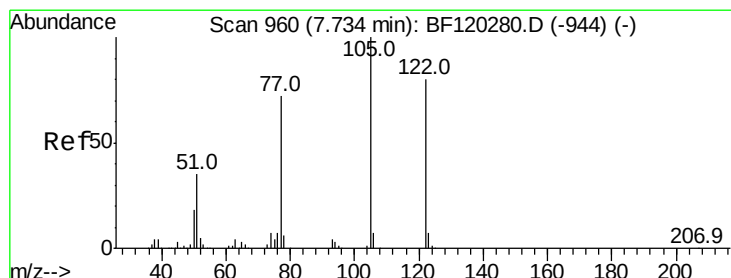
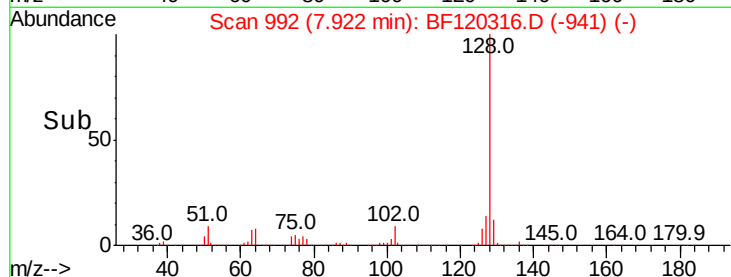
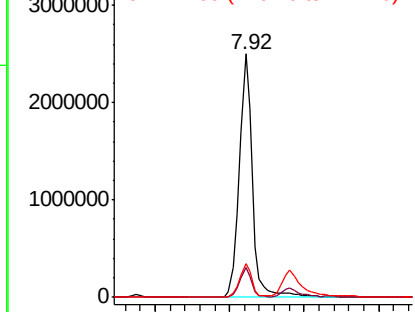
#31
Naphthalene
Concen: 39.180 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:128 Resp: 3037728
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 14.0 11.2 16.8

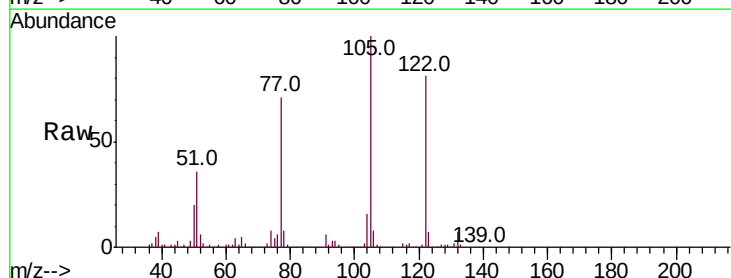


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

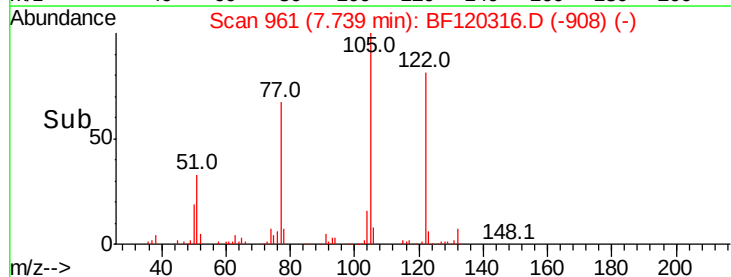
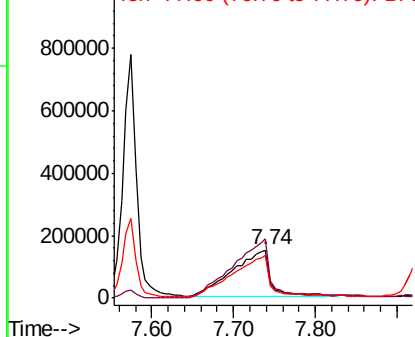


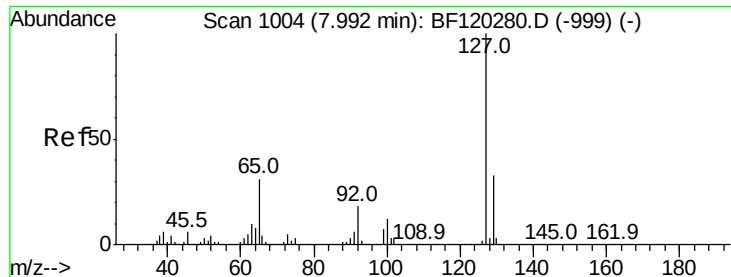
#32
Benzoic acid
Concen: 34.363 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:122 Resp: 494833
Ion Ratio Lower Upper
122 100
105 123.8 98.1 138.1
77 88.1 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

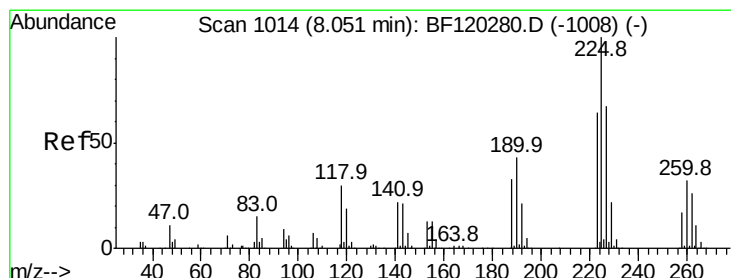
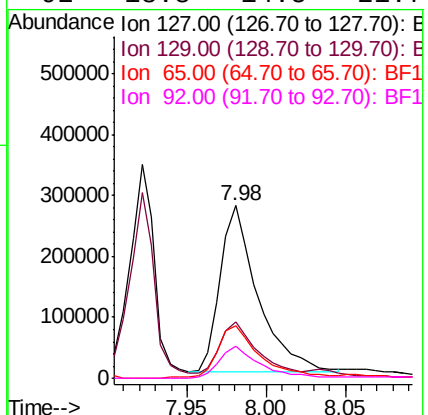
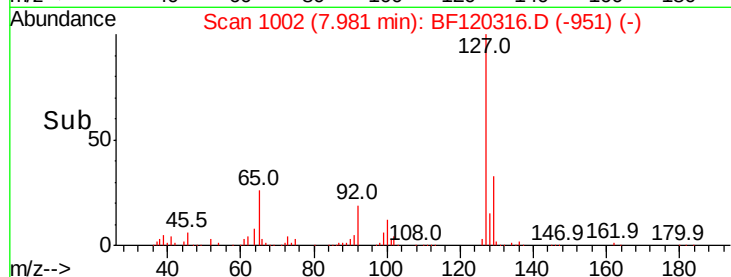
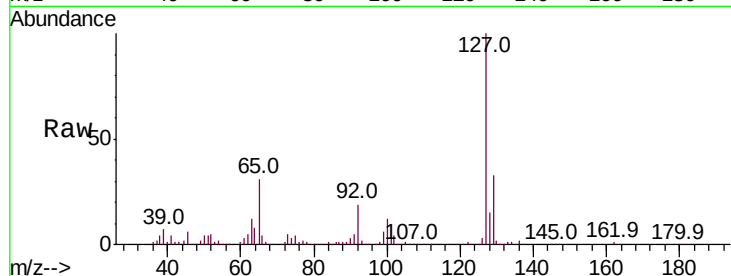




#33
4-Chloroaniline
Concen: 12.805 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

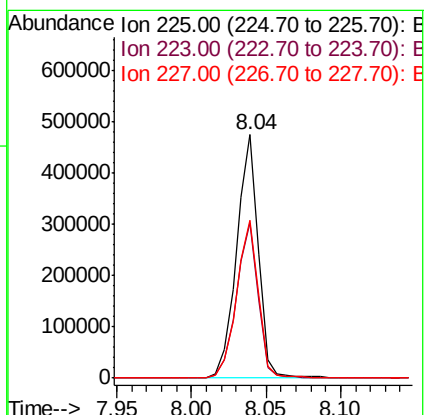
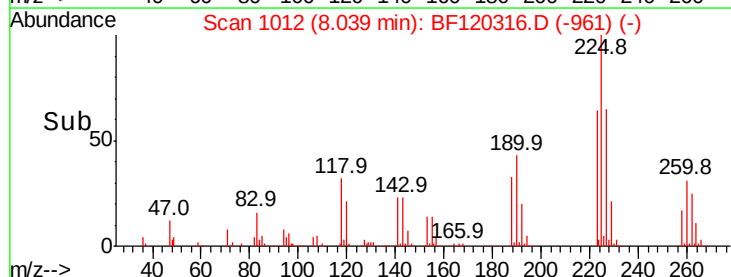
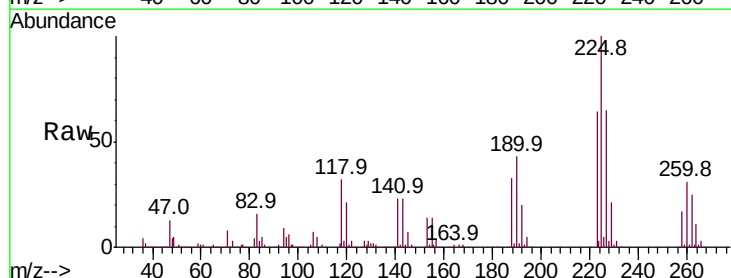
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

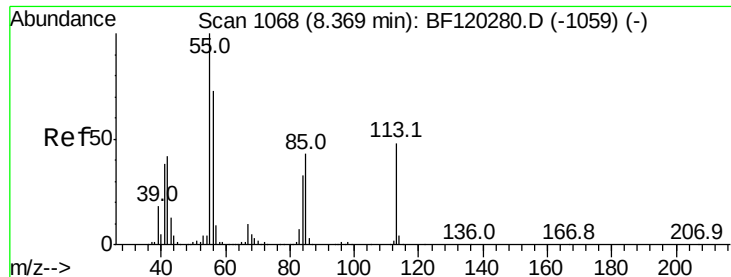
Tot Ion:	127	Resp:	452459
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	30.8	24.8	37.2
92	18.8	14.5	21.7



#34
Hexachlorobutadiene
Concen: 33.636 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:	225	Resp:	486108
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	64.7	54.0	81.0

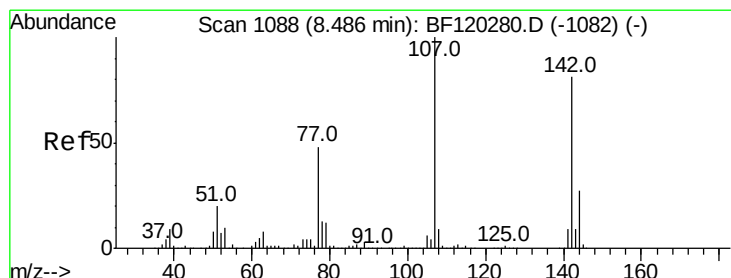
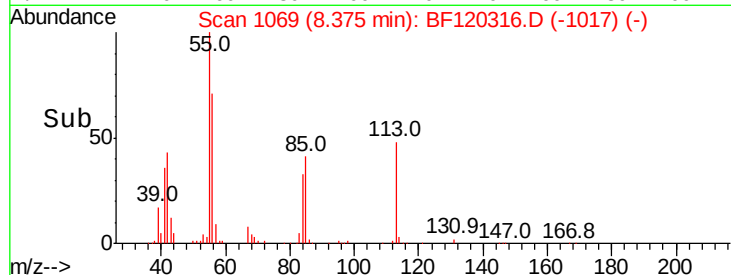
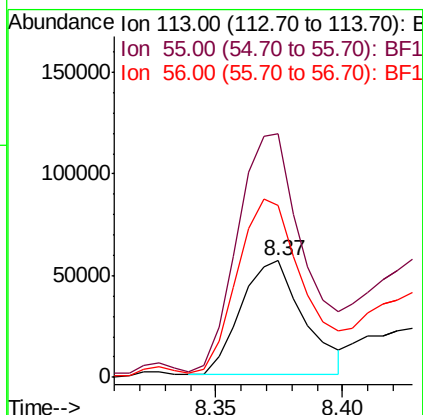
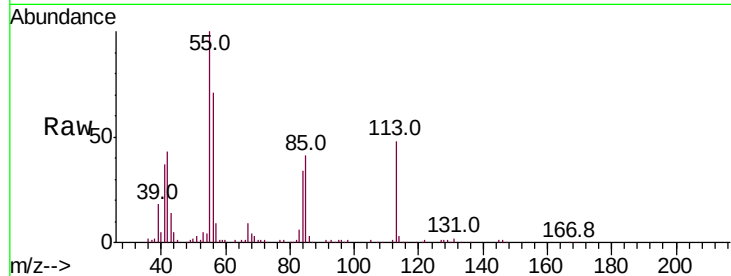




#35
 Caprolactam
 Concen: 13.123 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

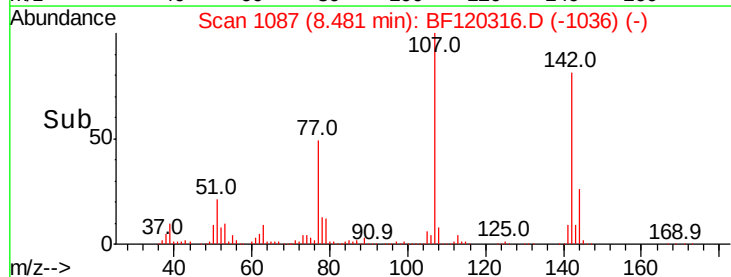
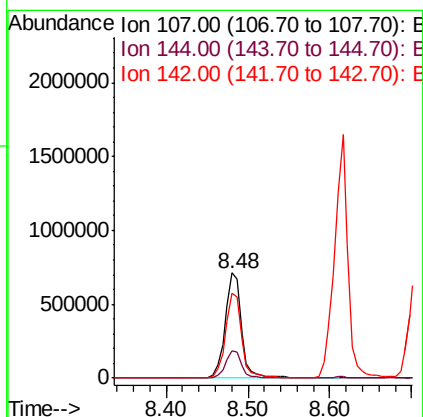
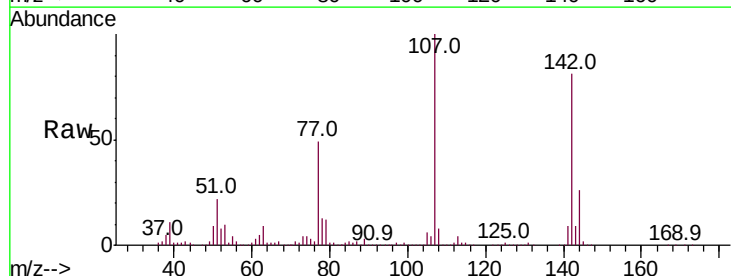
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

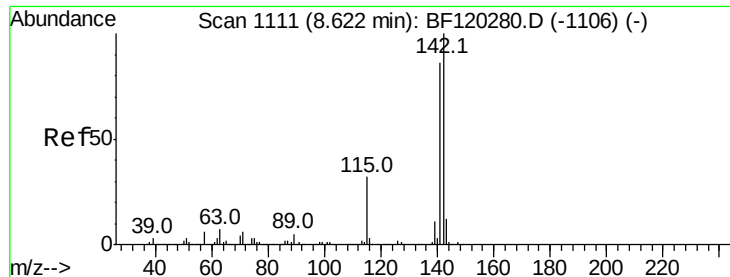
Tot Ion:113 Resp: 96871
 Ion Ratio Lower Upper
 113 100
 55 208.9 190.4 230.4
 56 147.6 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.442 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Tgt Ion:107 Resp: 987150
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.4 32.2
 142 80.8 65.1 97.7

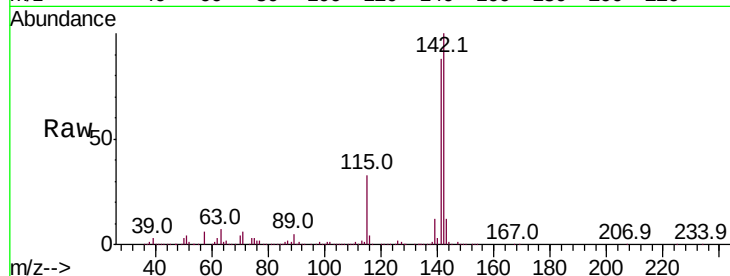




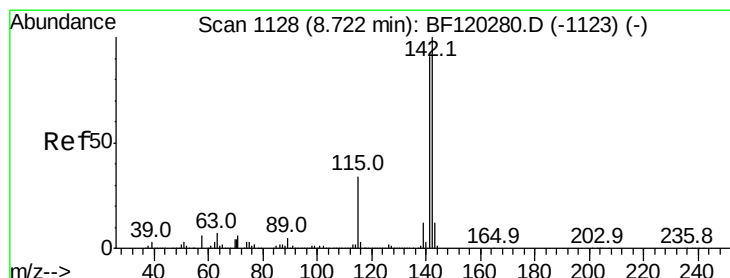
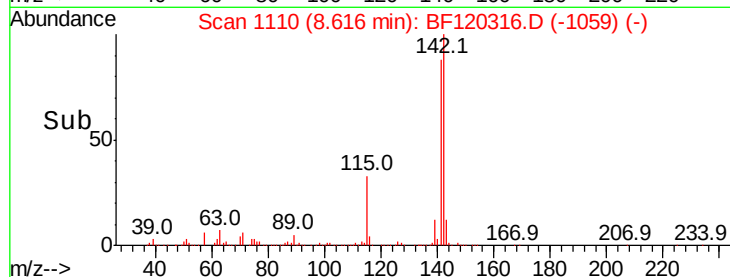
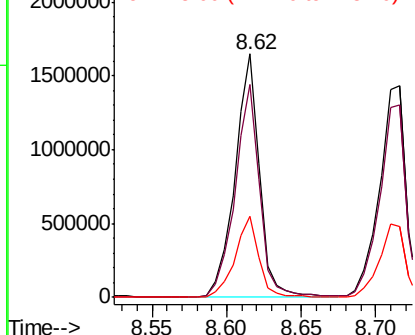
#37
2-Methylnaphthalene
Concen: 35.738 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:142 Resp: 1896171
Ion Ratio Lower Upper
142 100
141 87.5 68.8 103.2
115 33.1 25.7 38.5

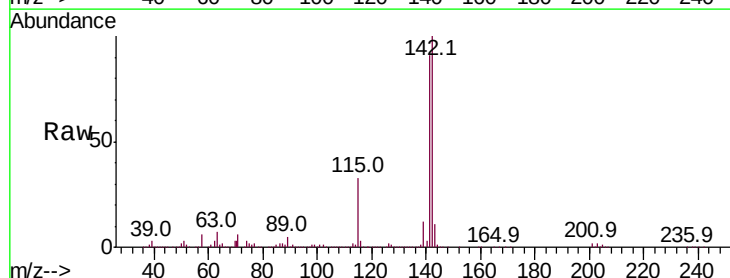


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

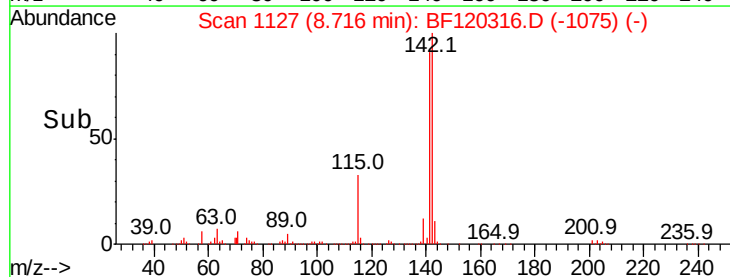
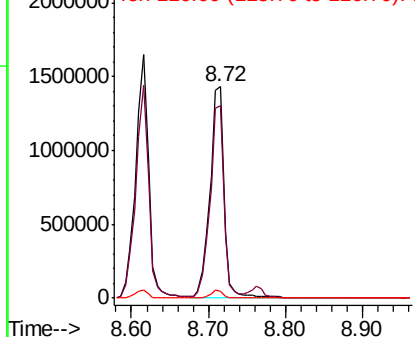


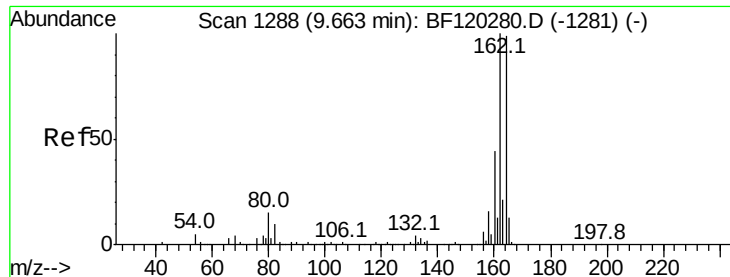
#38
1-Methylnaphthalene
Concen: 34.777 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:142 Resp: 1789612
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6
116 3.4 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: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

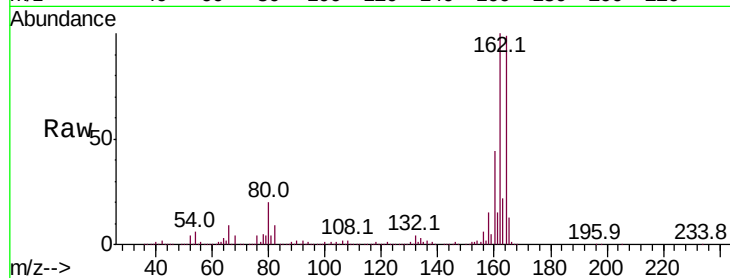
Tot Ion:164 Resp: 847042

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

160 45.0 35.8 53.6

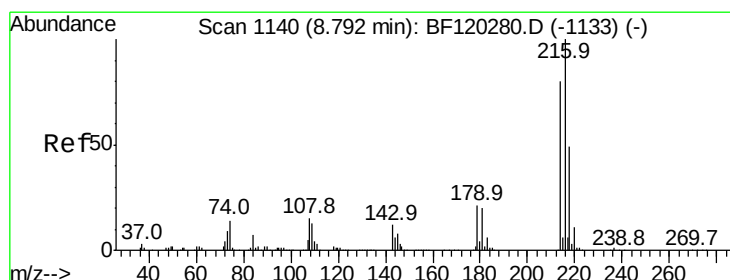
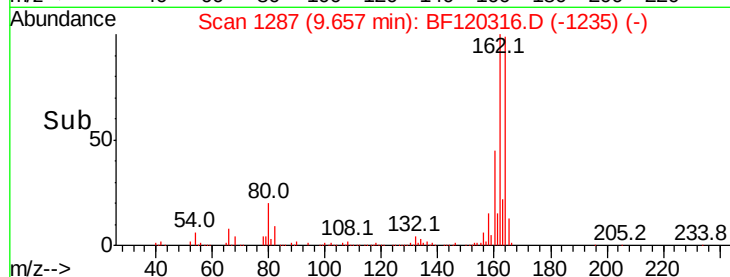
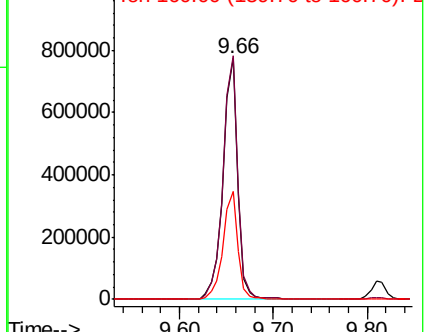


Abundance

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: 39.353 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Tgt Ion:216 Resp: 840519

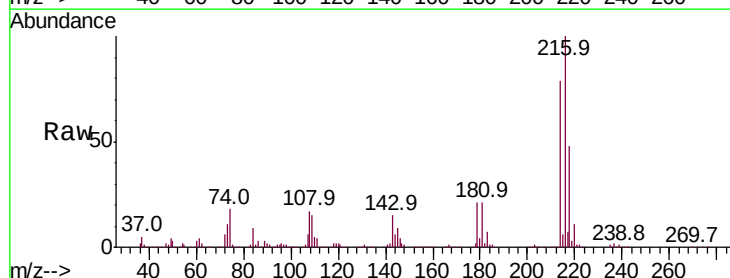
Ion Ratio Lower Upper

216 100

214 79.4 64.0 96.0

179 21.0 16.9 25.3

108 18.6 14.2 21.2



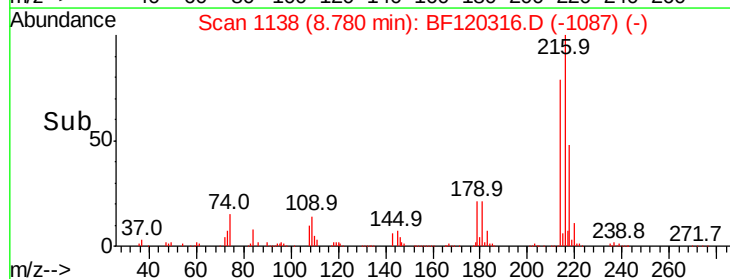
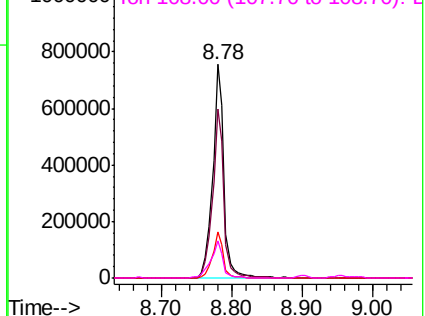
Abundance

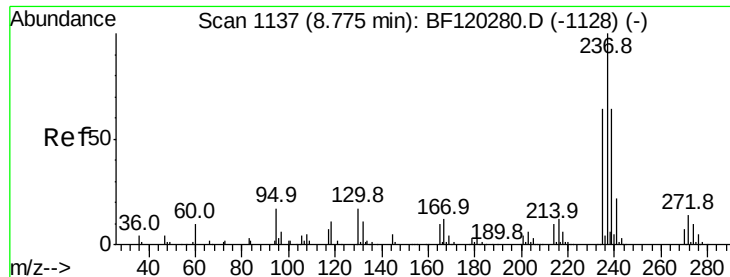
Ion 216.00 (215.70 to 216.70): E

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

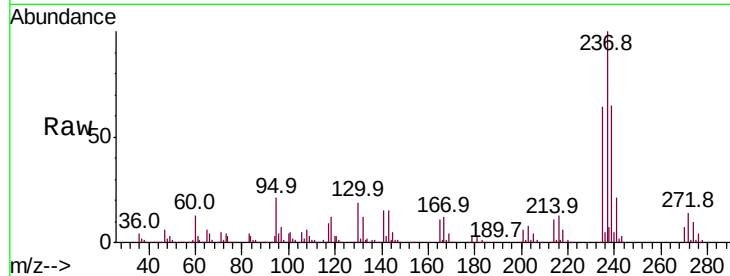




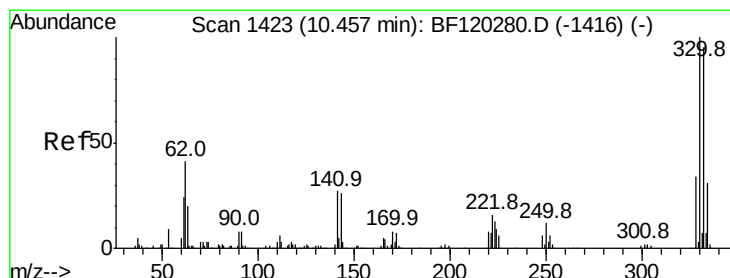
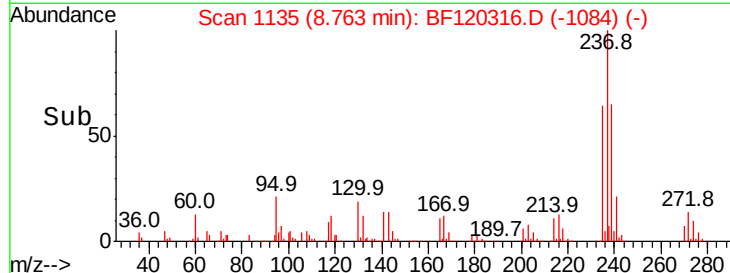
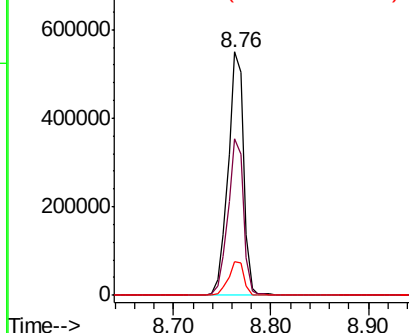
#41
Hexachlorocyclopentadiene
Concen: 69.903 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:237 Resp: 607845
Ion Ratio Lower Upper
237 100
235 64.3 43.8 83.8
272 13.7 0.0 33.9

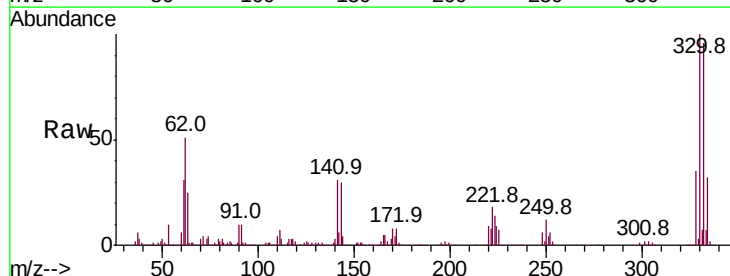


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

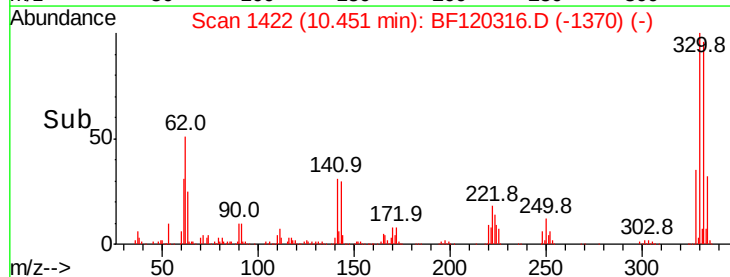
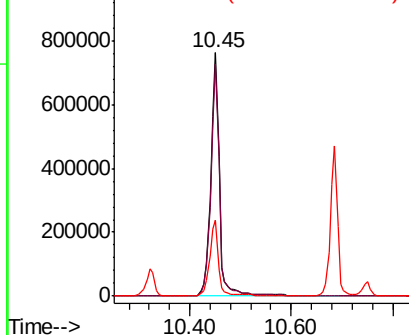


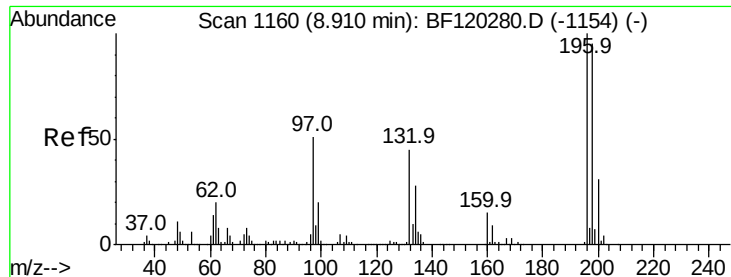
#42
2,4,6-Tribromophenol
Concen: 132.252 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:330 Resp: 913376
Ion Ratio Lower Upper
330 100
332 93.9 76.5 114.7
141 30.9 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: 44.138 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

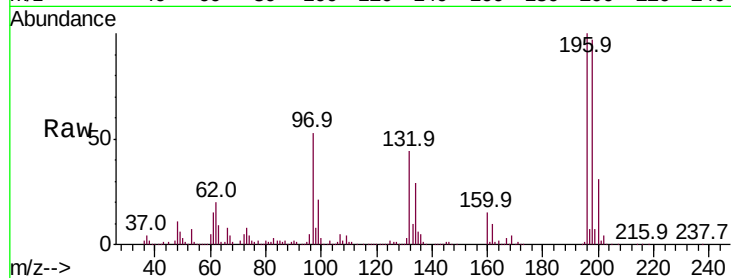
Tot Ion:196 Resp: 632792

Ion Ratio Lower Upper

196 100

198 96.9 76.2 114.4

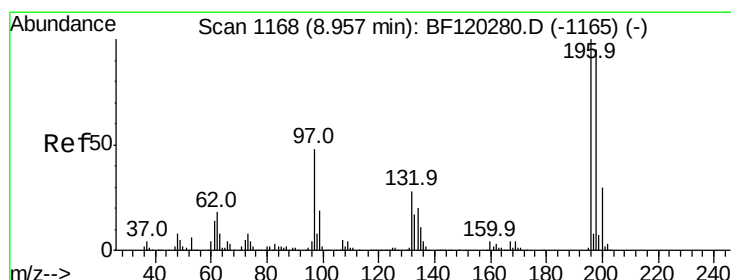
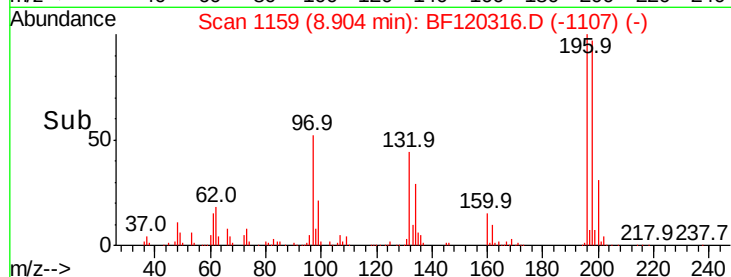
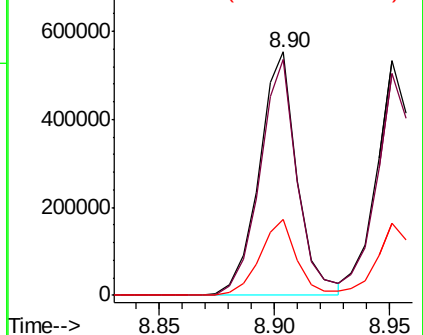
200 31.2 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.671 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Tgt Ion:196 Resp: 636703

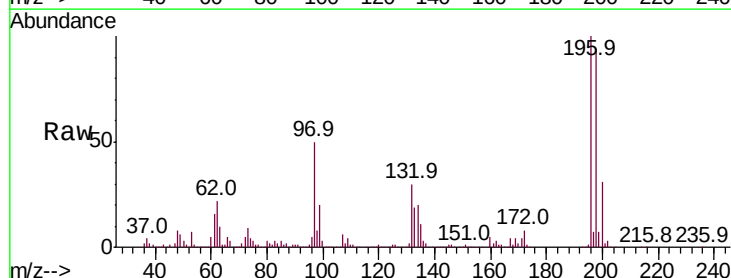
Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.4

97 50.0 38.6 57.8

132 29.7 23.2 34.8

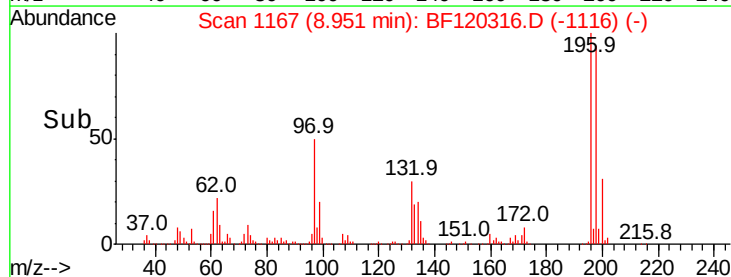
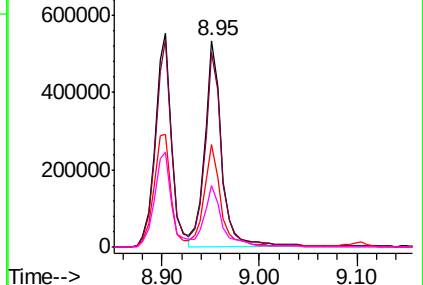


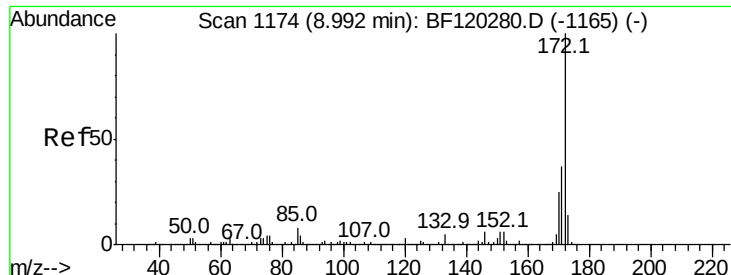
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

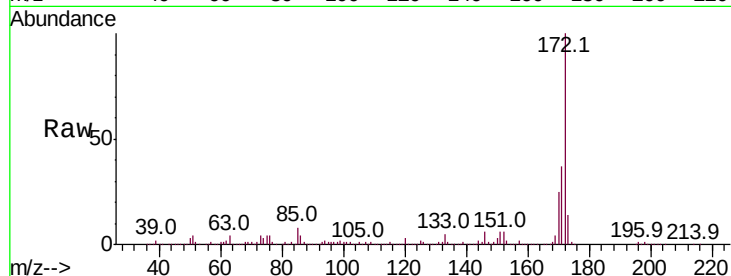




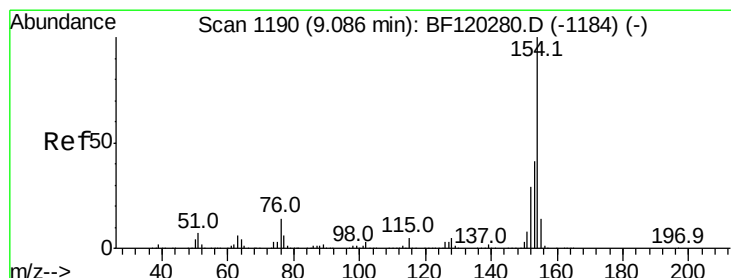
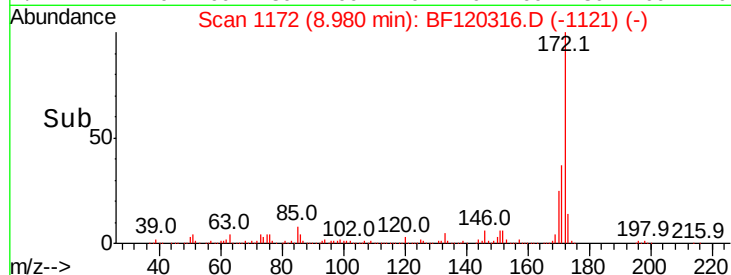
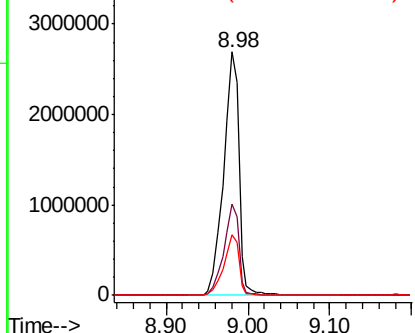
#45
2-Fluorobiphenyl
Concen: 85.040 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:172 Resp: 3506135
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.0 19.9 29.9

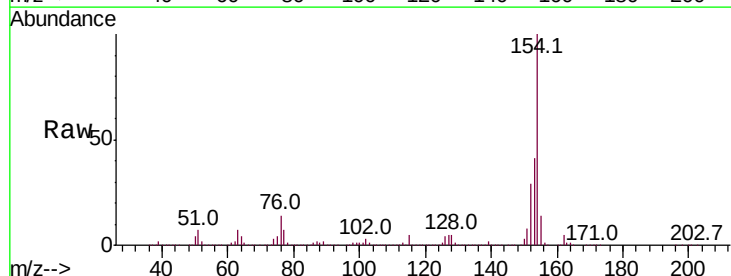


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

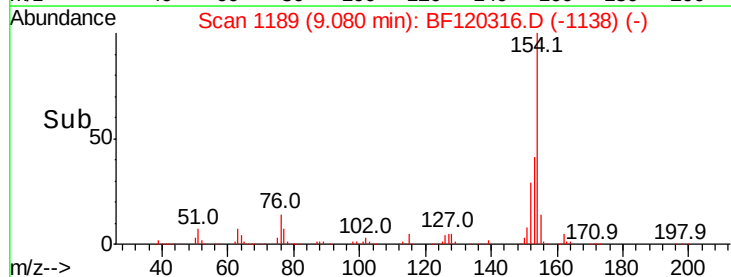
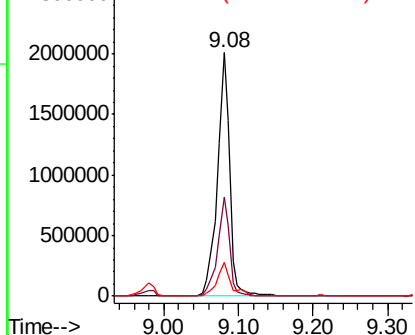


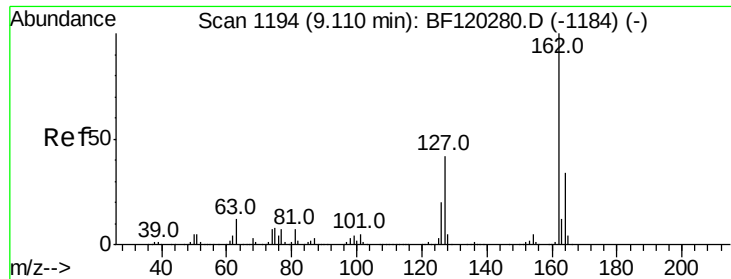
#46
1,1'-Biphenyl
Concen: 41.074 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:154 Resp: 2279588
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 14.0 0.0 34.3



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

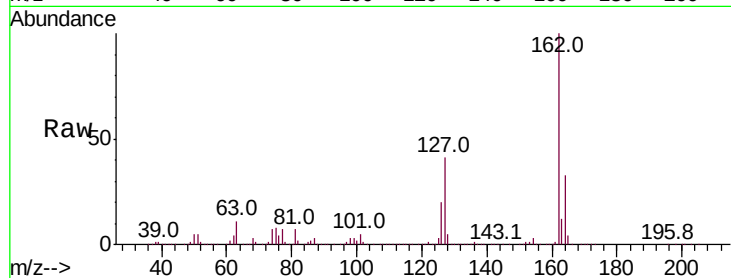




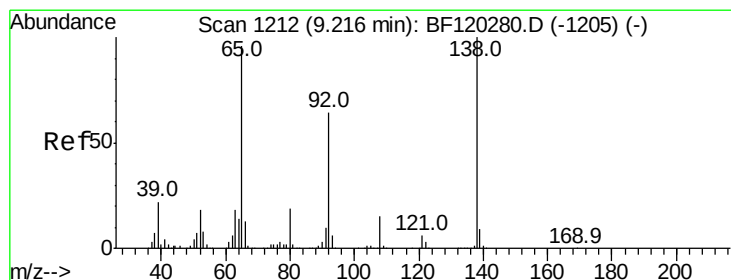
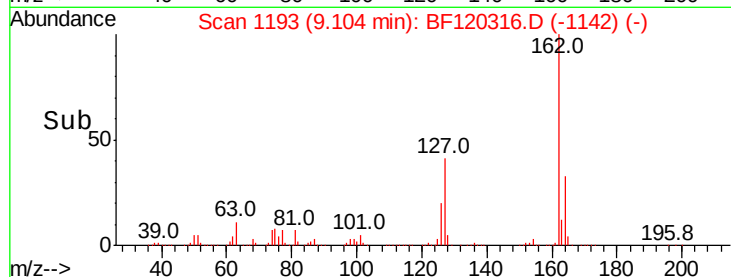
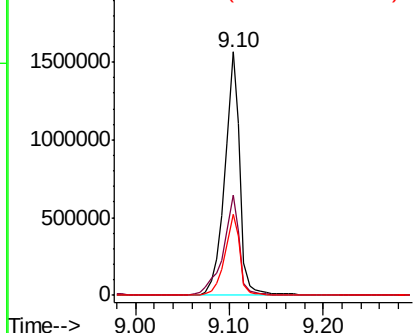
#47
2-Chloronaphthalene
Concen: 39.265 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:162 Resp: 1748009
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.0
164 33.3 27.0 40.6

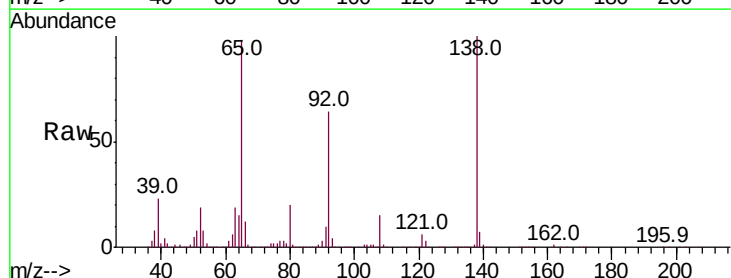


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

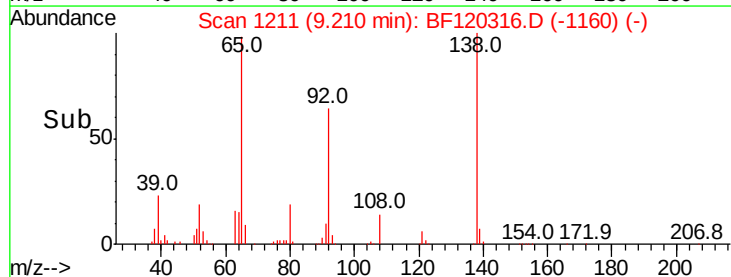
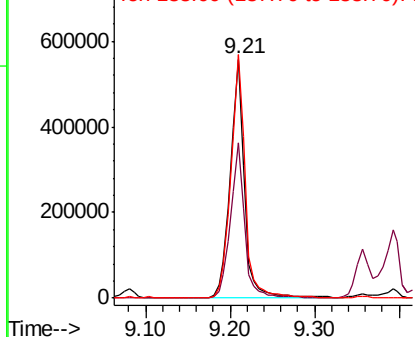


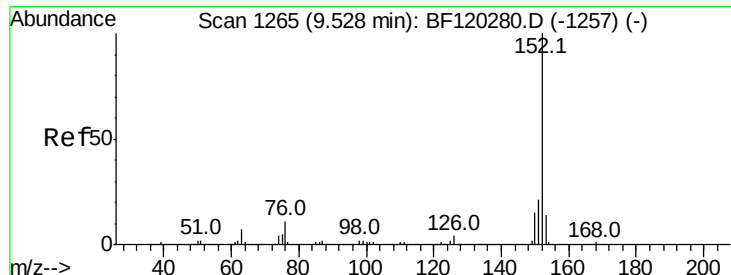
#48
2-Nitroaniline
Concen: 39.506 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion: 65 Resp: 641704
Ion Ratio Lower Upper
65 100
92 65.0 52.9 79.3
138 102.0 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: 38.757 ng

RT: 9.52 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

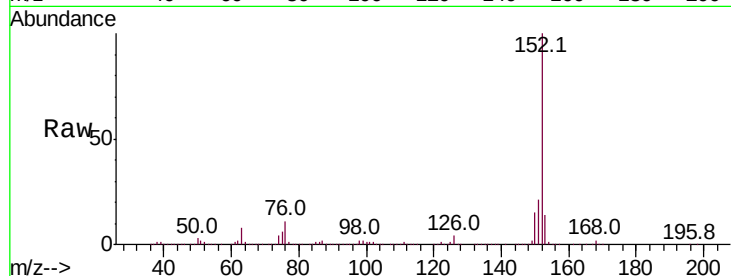
Tot Ion:152 Resp: 2635639

Ion Ratio Lower Upper

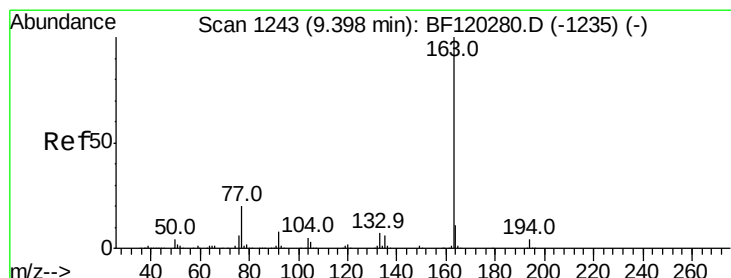
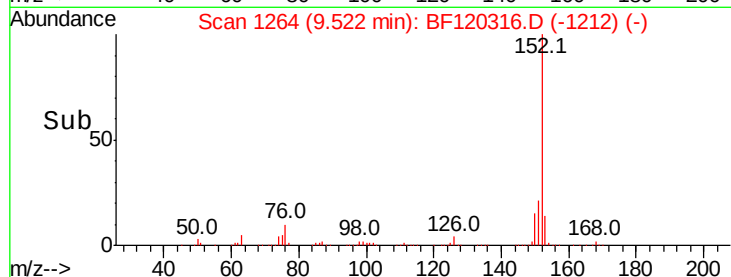
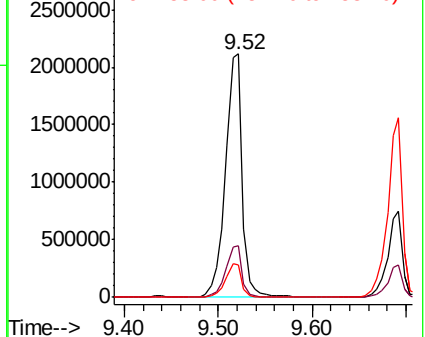
152 100

151 21.1 16.6 25.0

153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.017 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

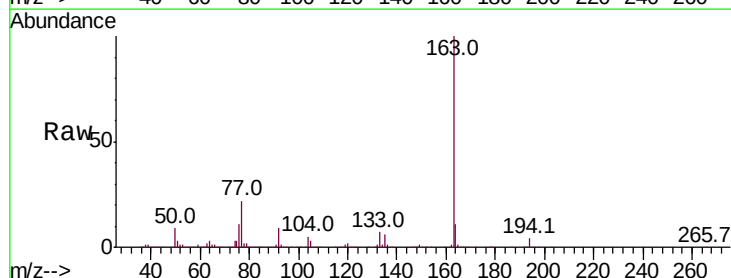
Tgt Ion:163 Resp: 2356874

Ion Ratio Lower Upper

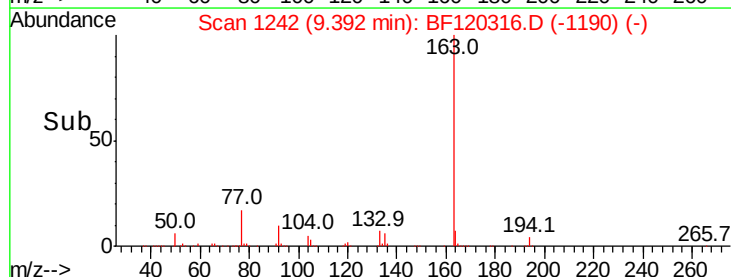
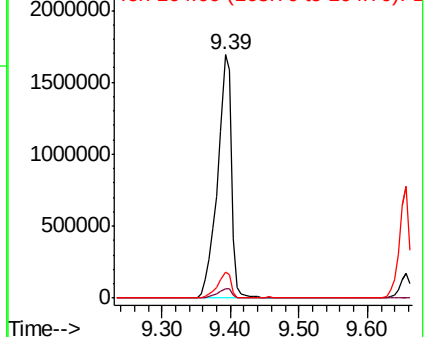
163 100

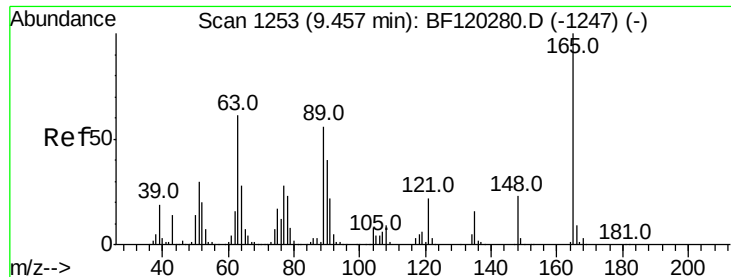
194 3.9 3.1 4.7

164 10.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.949 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

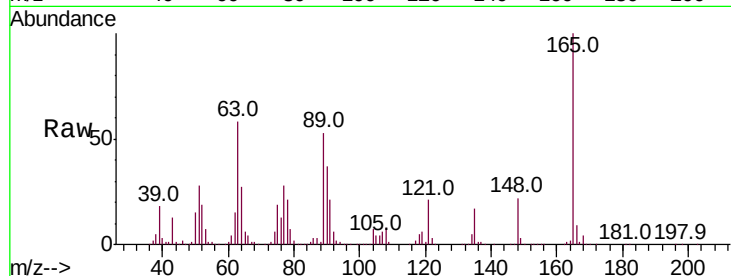
Tot Ion:165 Resp: 465470

Ion Ratio Lower Upper

165 100

63 58.0 50.2 75.2

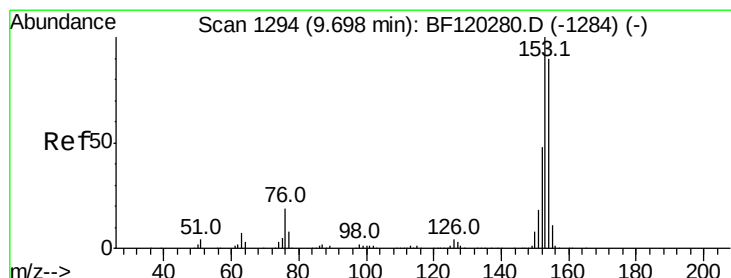
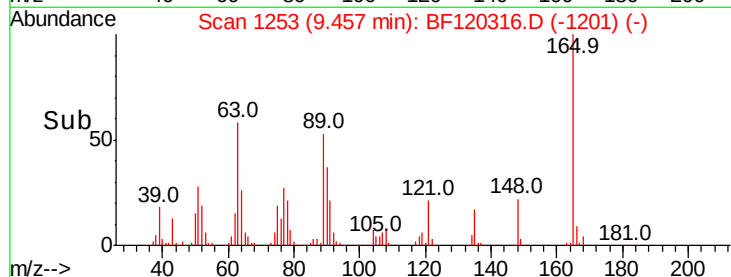
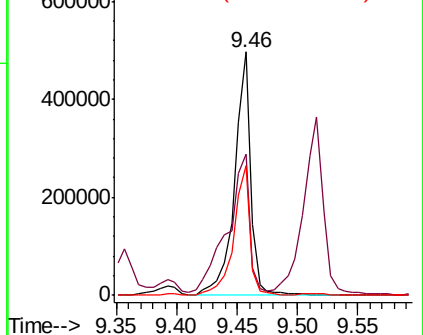
89 53.0 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.251 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

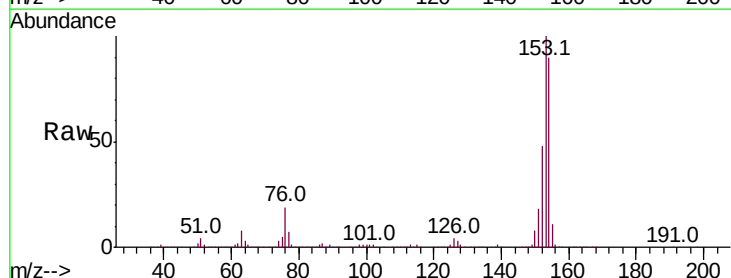
Tgt Ion:154 Resp: 1518456

Ion Ratio Lower Upper

154 100

153 110.7 89.0 133.4

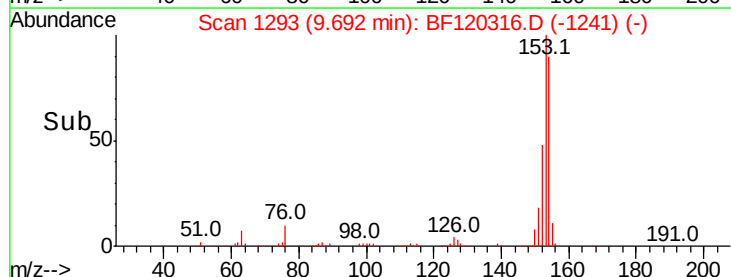
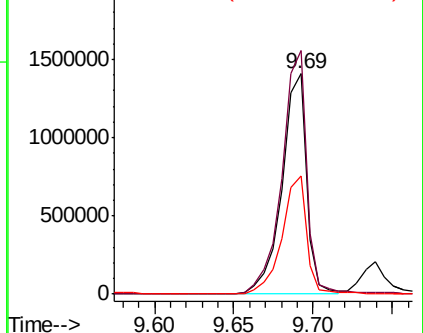
152 53.4 42.6 64.0

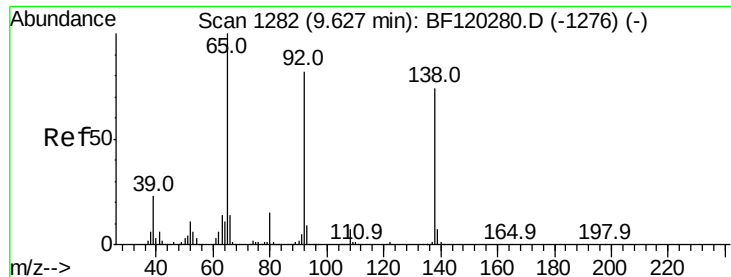


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

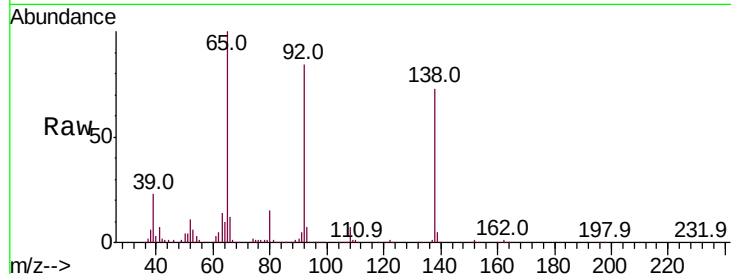




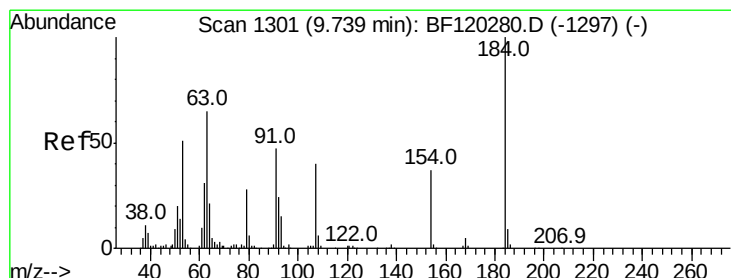
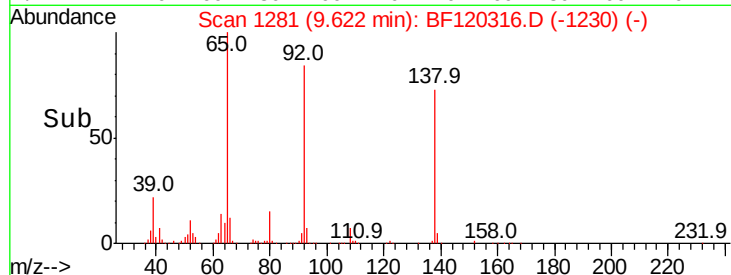
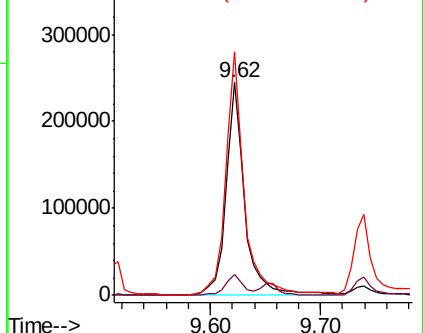
#53
3-Nitroaniline
Concen: 20.422 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:138 Resp: 291048
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 114.6 89.6 134.4

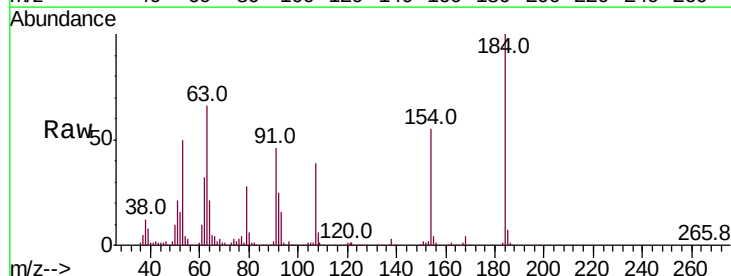


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

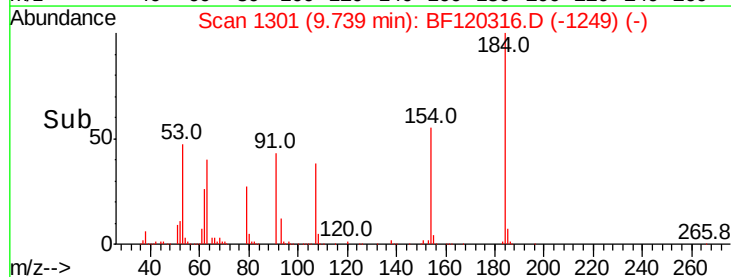
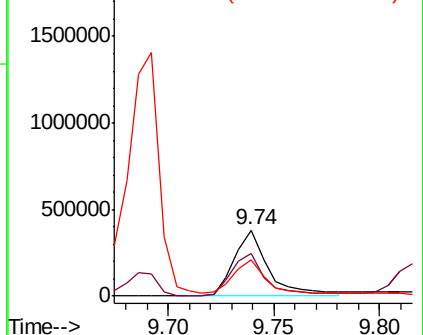


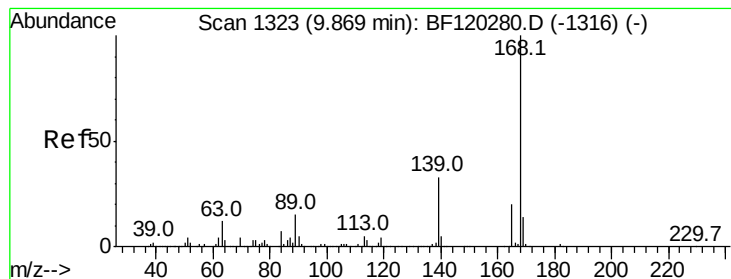
#54
2,4-Dinitrophenol
Concen: 76.394 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:184 Resp: 430948
Ion Ratio Lower Upper
184 100
63 65.7 53.6 80.4
154 54.9 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: 44.132 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

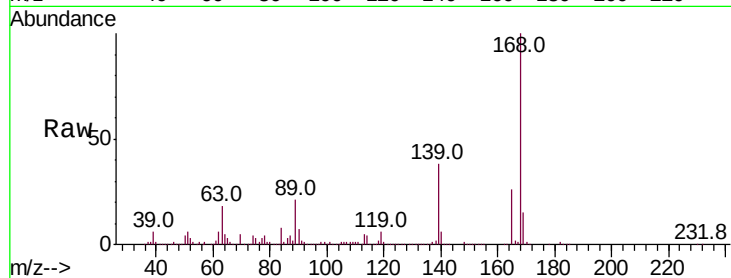
Tot Ion:168 Resp: 2590555

Ion Ratio Lower Upper

168 100

139 38.5 29.8 44.6

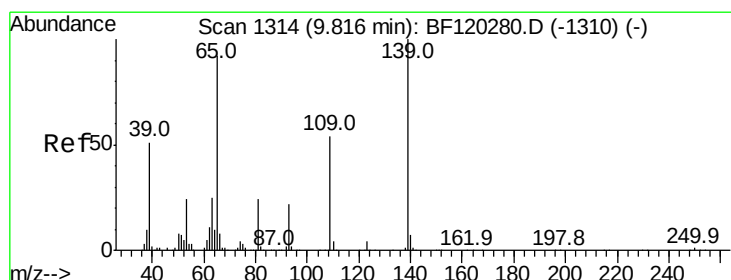
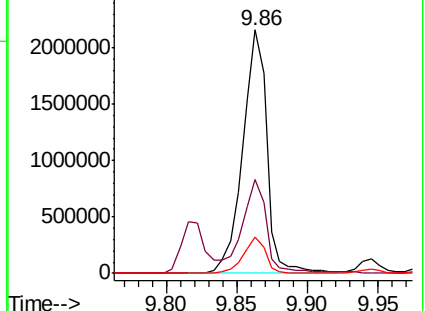
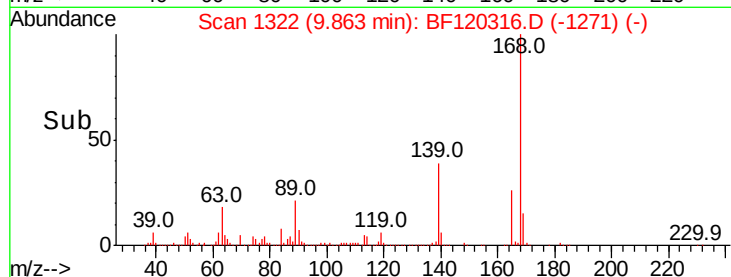
169 14.7 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.430 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

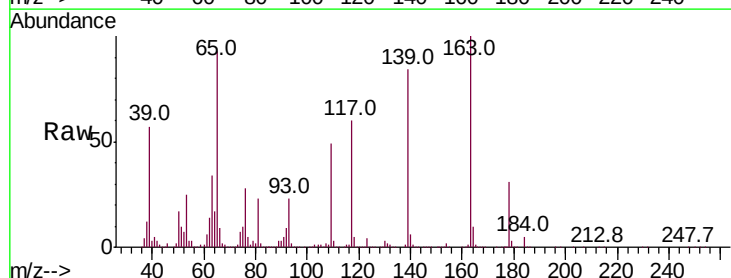
Tgt Ion:139 Resp: 569958

Ion Ratio Lower Upper

139 100

109 58.3 34.6 74.6

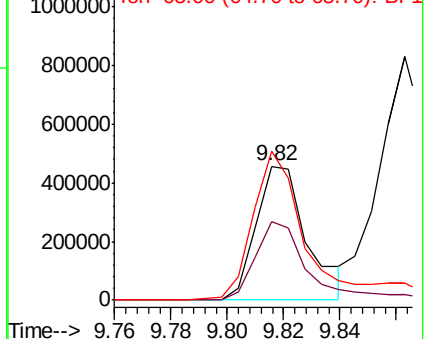
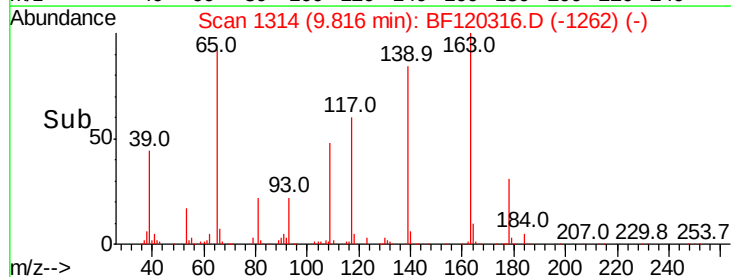
65 111.0 73.3 113.3

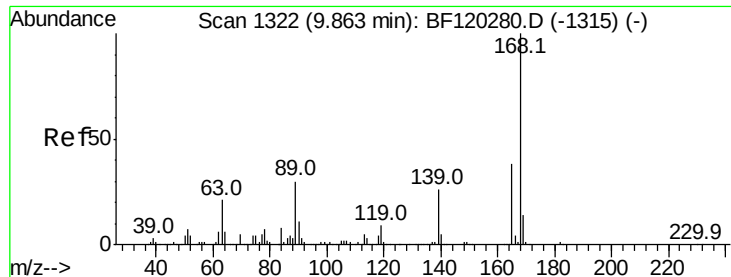


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.159 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:165 Resp: 605032

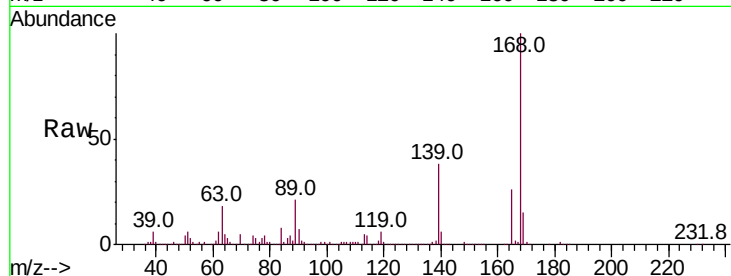
Ion Ratio Lower Upper

165 100

63 67.8 51.8 77.8

89 80.7 64.2 96.4

182 2.6 2.0 3.0

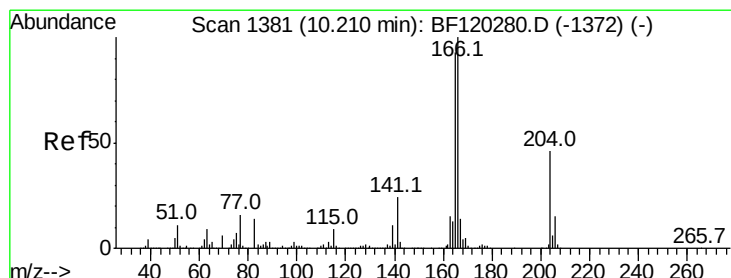
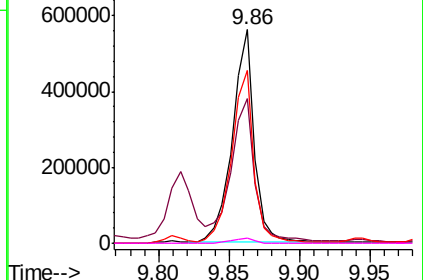
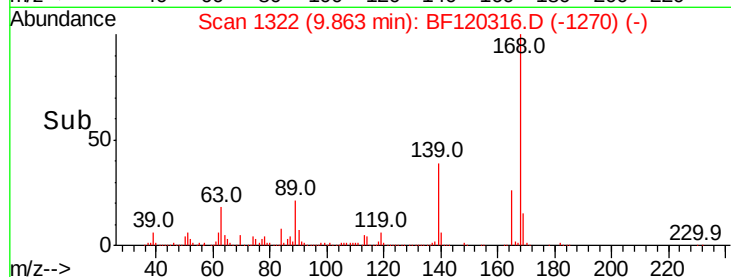


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.069 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

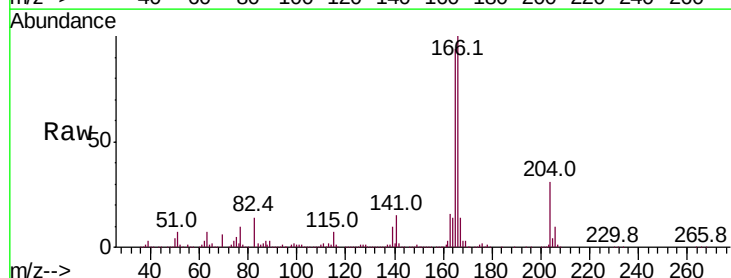
Tgt Ion:166 Resp: 2059491

Ion Ratio Lower Upper

166 100

165 93.7 74.7 112.1

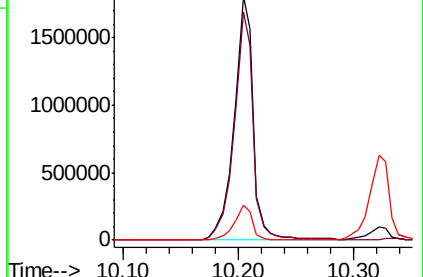
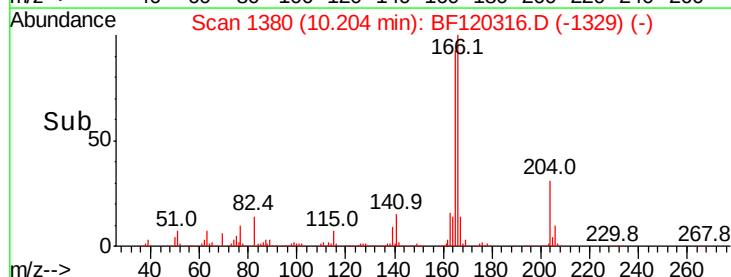
167 14.2 11.4 17.0

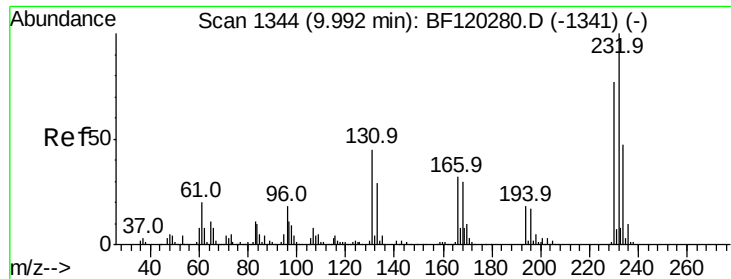


Abundance Ion 166.00 (165.70 to 166.70): E

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: 47.112 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:232 Resp: 583749

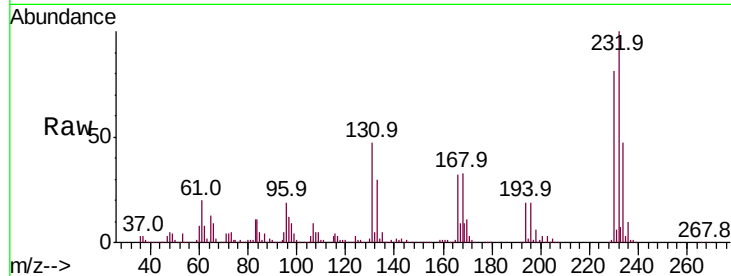
Ion Ratio Lower Upper

232 100

131 45.0 34.1 51.1

130 2.4 1.7 2.5

166 30.0 23.3 34.9

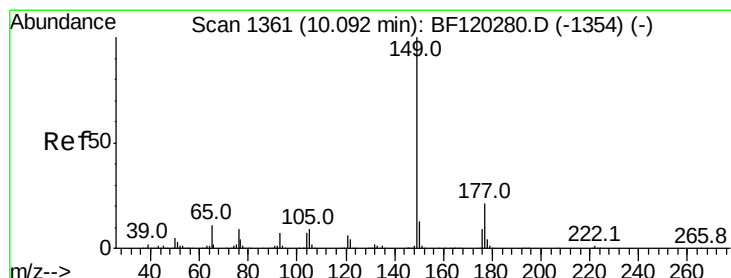
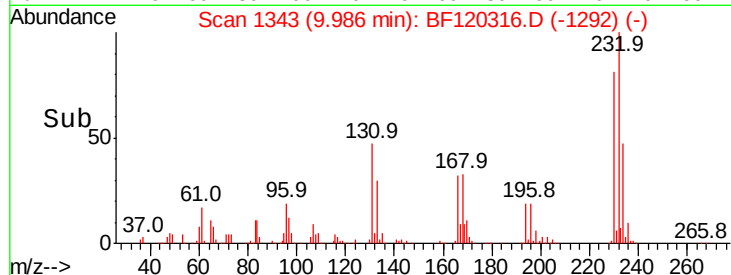
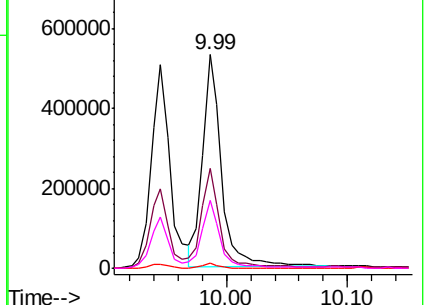


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.775 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

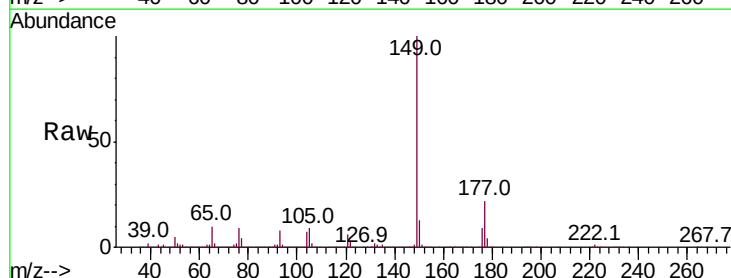
Tgt Ion:149 Resp: 2418003

Ion Ratio Lower Upper

149 100

177 22.1 17.1 25.7

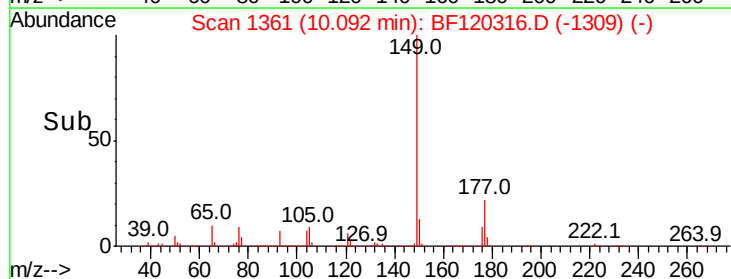
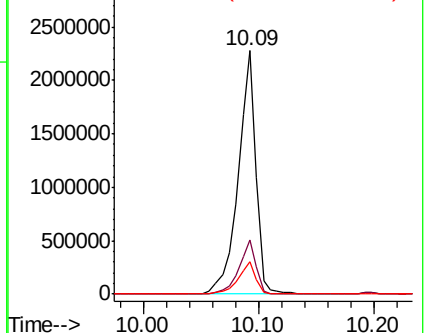
150 13.1 10.3 15.5

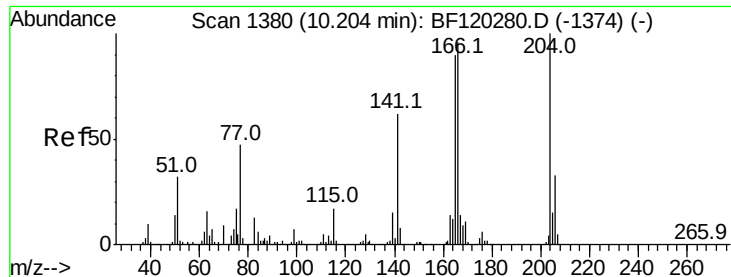


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

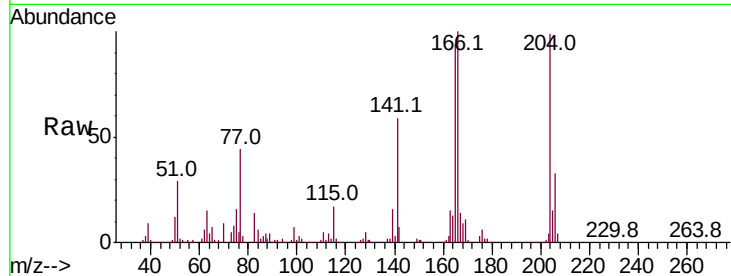




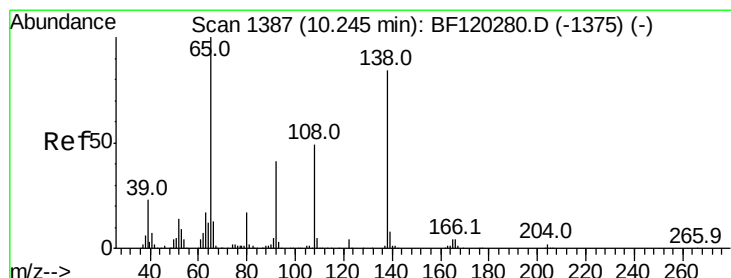
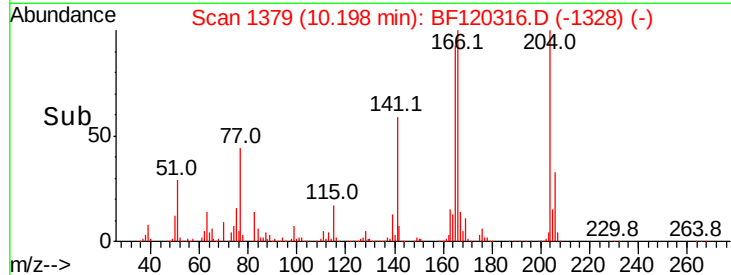
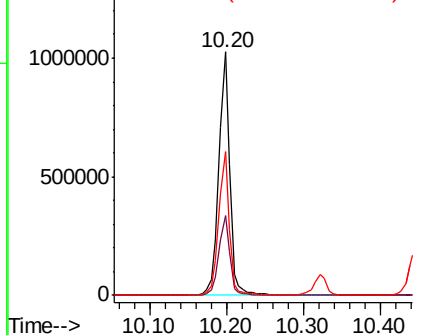
#61
 4-Chlorophenyl-phenylether
 Concen: 43.147 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:204 Resp: 1002851
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.8 40.2
 141 58.9 49.5 74.3

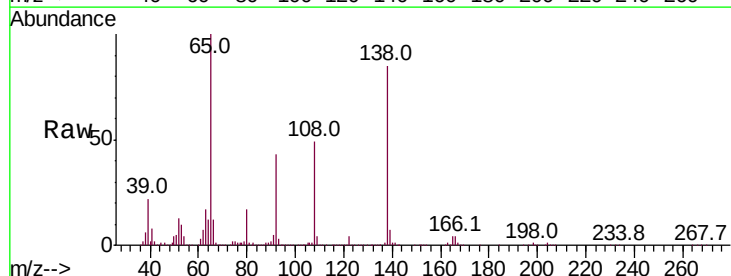


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

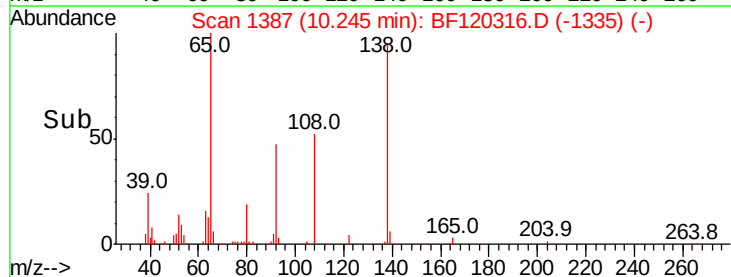
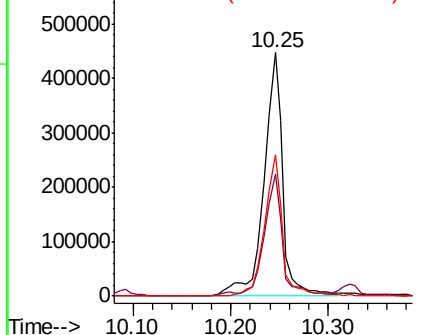


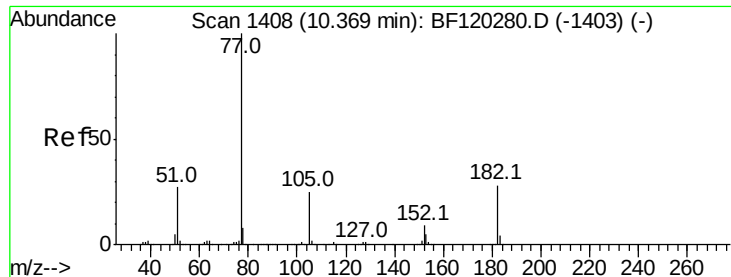
#62
 4-Nitroaniline
 Concen: 45.757 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Tgt Ion:138 Resp: 607227
 Ion Ratio Lower Upper
 138 100
 92 49.9 28.9 68.9
 108 57.8 38.4 78.4



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





#63

Azobenzene

Concen: 48.345 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion: 77 Resp: 2362009

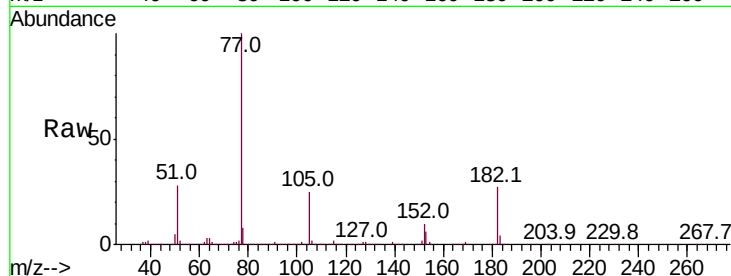
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.4	47.4
105	24.9	4.4	44.4
51	28.4	8.3	48.3

77 100

182 27.3 7.4 47.4

105 24.9 4.4 44.4

51 28.4 8.3 48.3

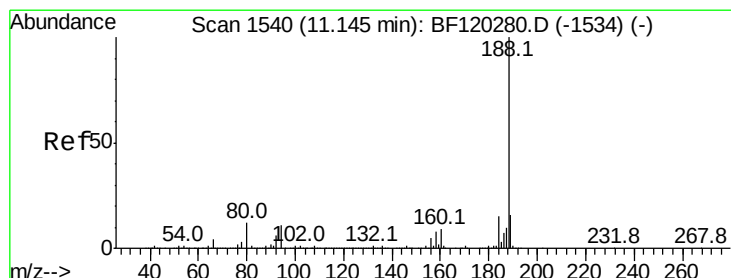
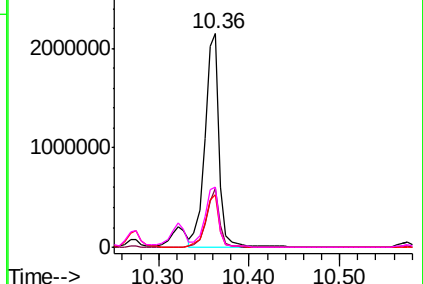
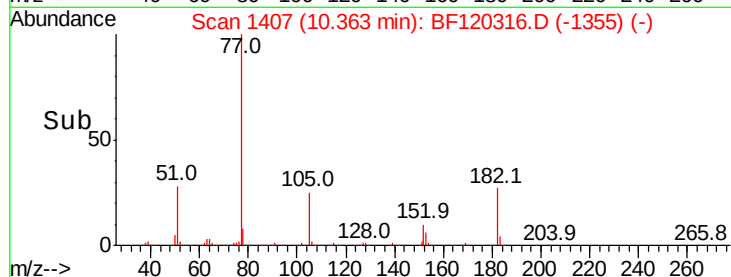


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120316.D

Acq: 15 May 2020 12:45

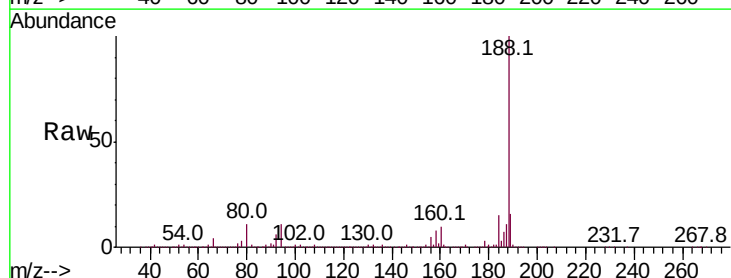
Tgt Ion: 188 Resp: 1924857

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	11.2	9.2	13.8

188 100

94 10.8 8.6 13.0

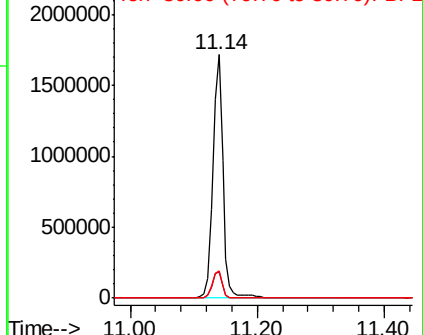
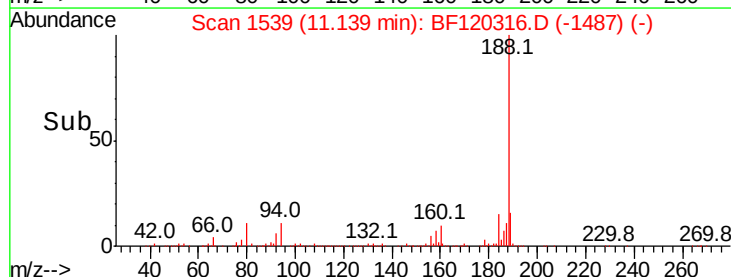
80 11.2 9.2 13.8

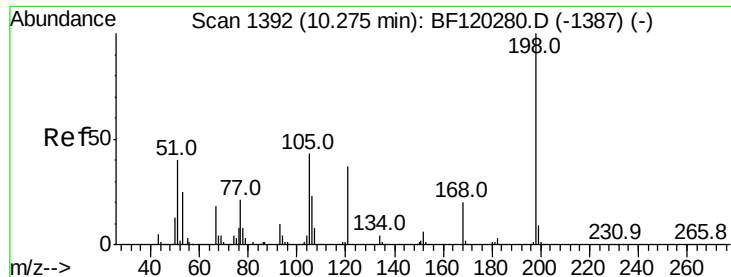


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

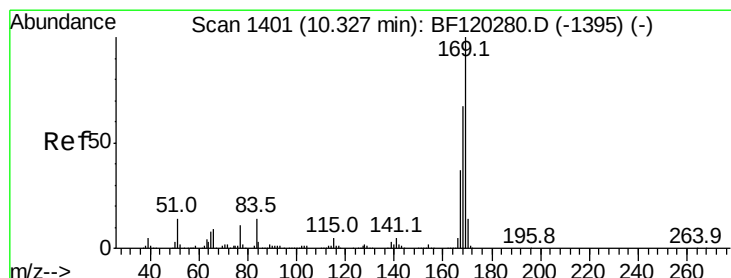
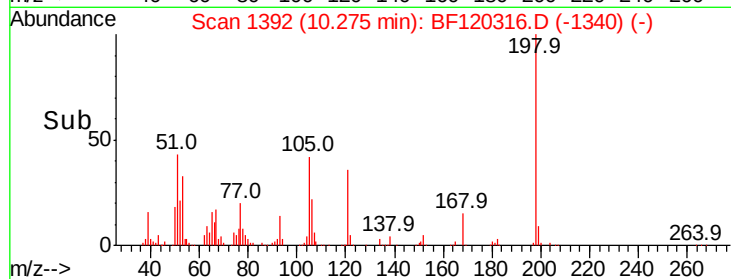
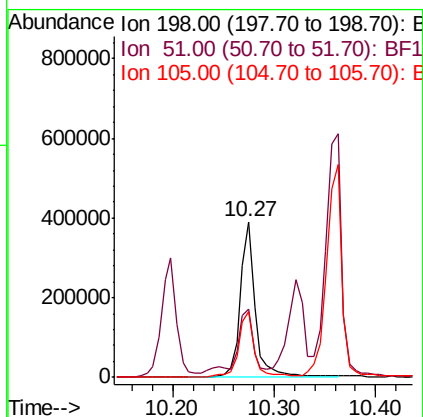
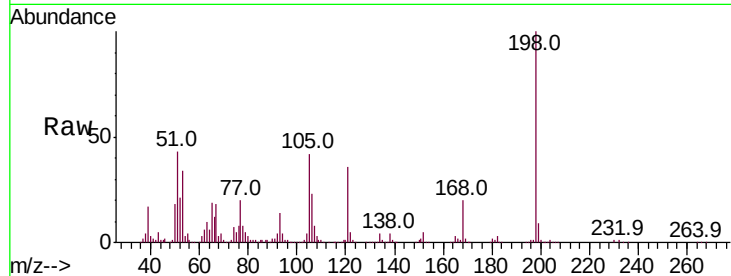




#65
4,6-Dinitro-2-methylphenol
Concen: 41.536 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

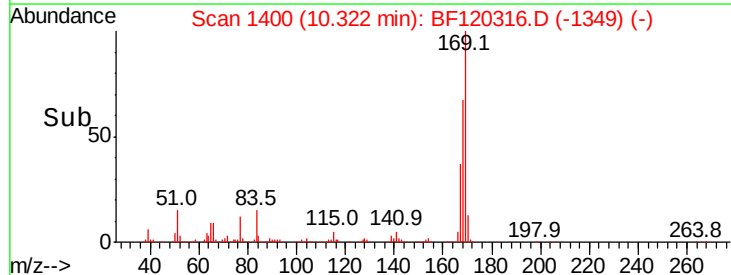
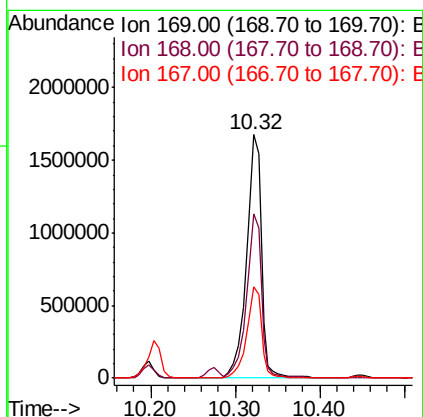
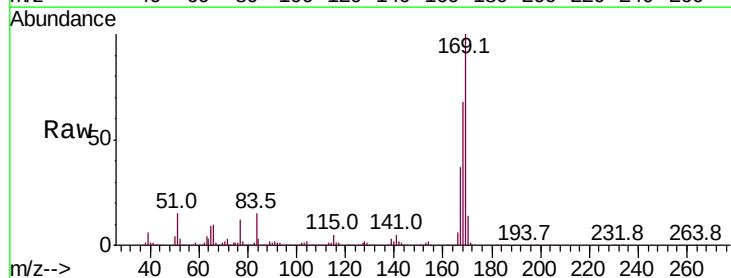
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

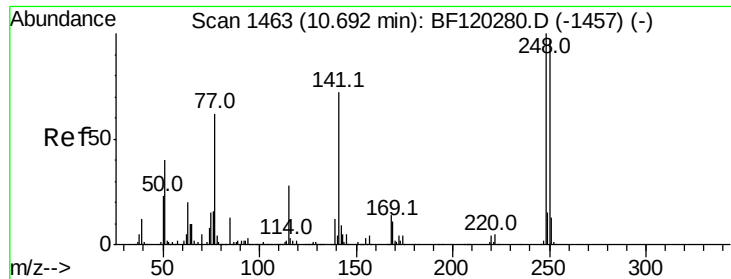
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	27.1	67.1
105	41.9	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 38.234 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.7	80.5
167	37.3	29.8	44.6

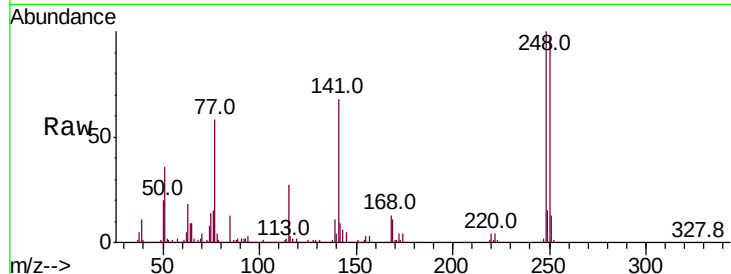




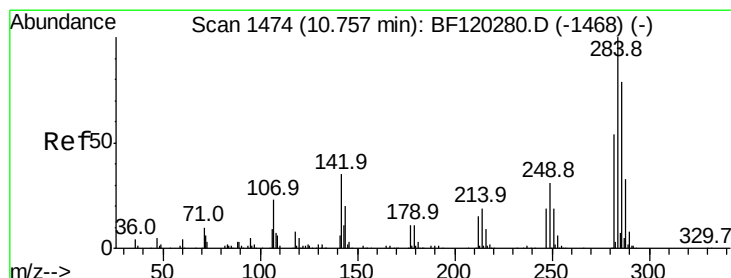
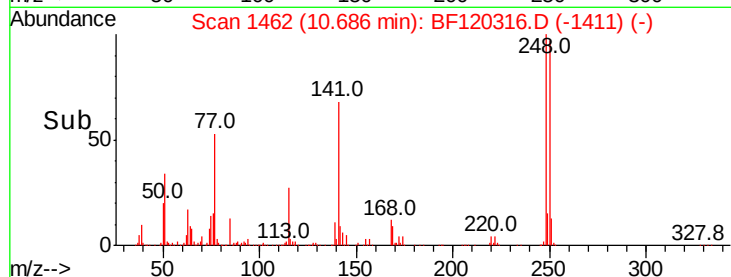
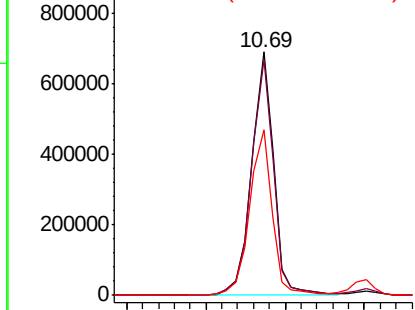
#67
 4-Bromophenyl-phenylether
 Concen: 35.810 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:248 Resp: 668875
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.8 116.6
 141 68.2 57.7 86.5

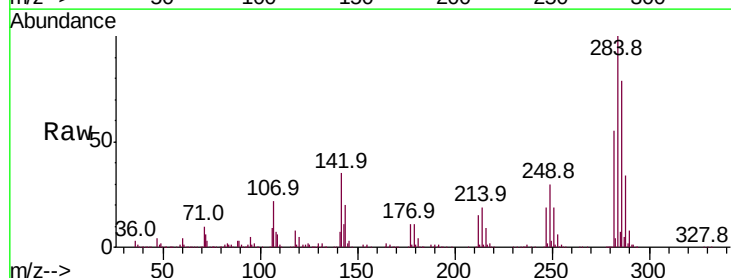


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

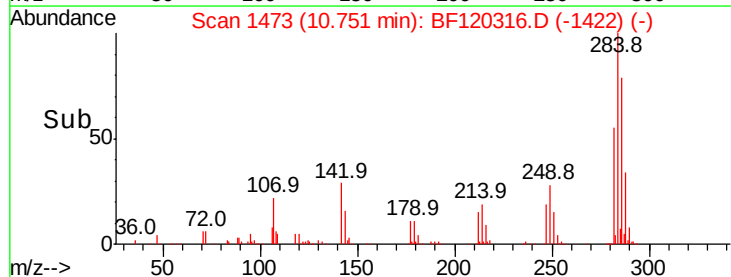
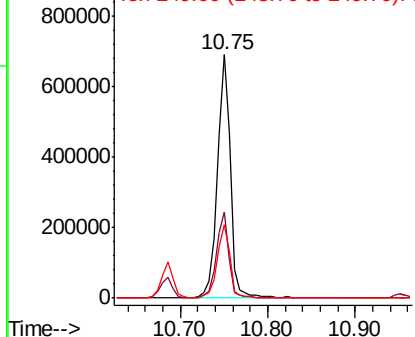


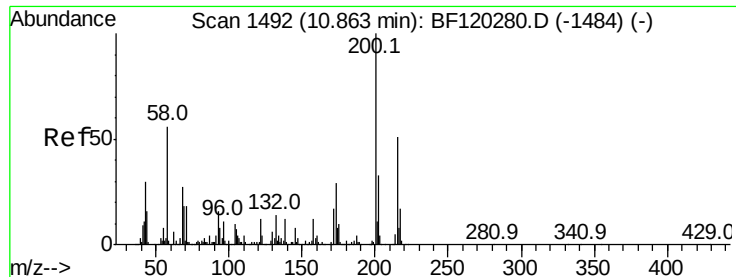
#68
 Hexachlorobenzene
 Concen: 36.635 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Tgt Ion:284 Resp: 715878
 Ion Ratio Lower Upper
 284 100
 142 35.5 28.5 42.7
 249 30.2 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

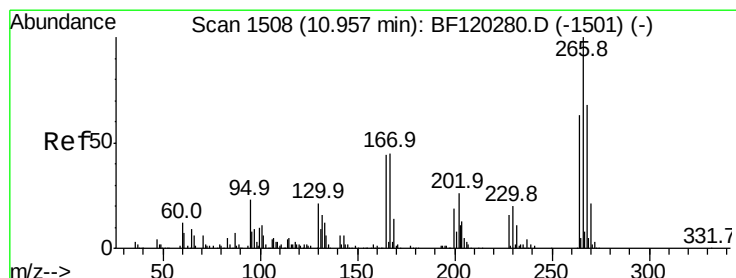
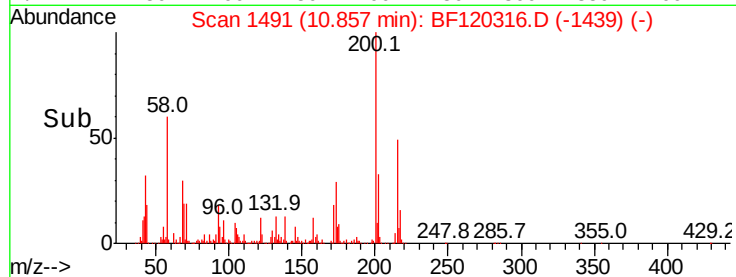
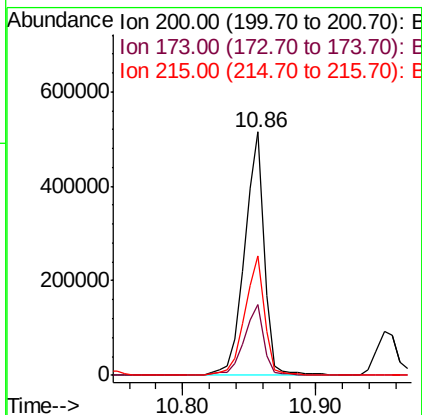
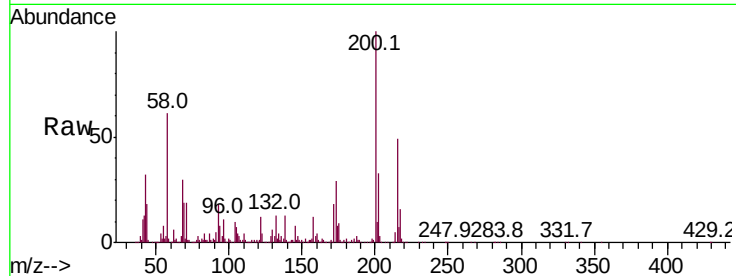




#69
Atrazine
Concen: 32.613 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

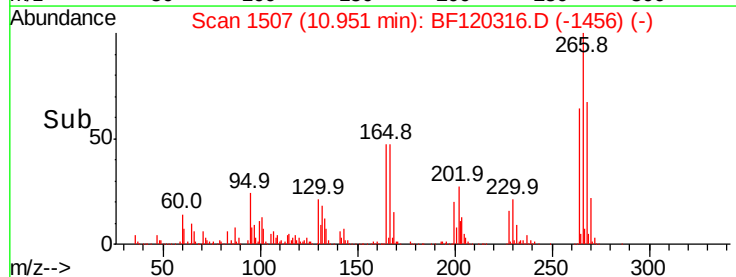
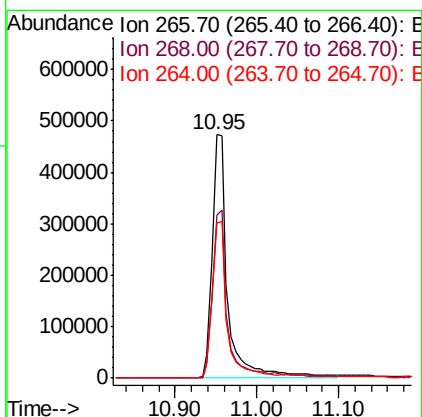
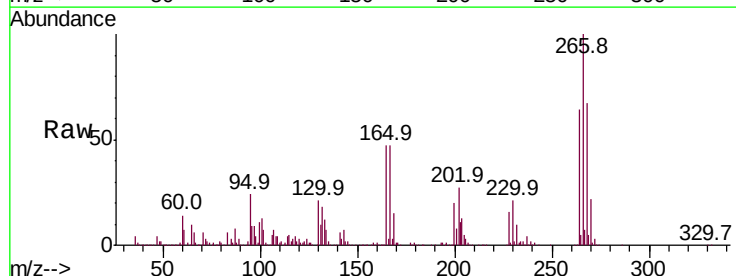
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

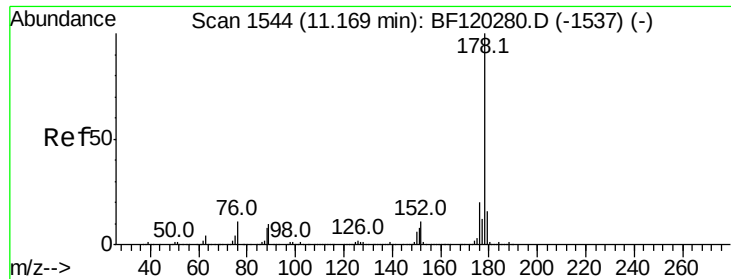
Tot Ion:200 Resp: 519671
Ion Ratio Lower Upper
200 100
173 28.9 8.7 48.7
215 49.3 30.6 70.6



#70
Pentachlorophenol
Concen: 75.712 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:266 Resp: 629230
Ion Ratio Lower Upper
266 100
268 66.8 54.2 81.4
264 63.7 50.2 75.4





#71

Phenanthrene

Concen: 36.835 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

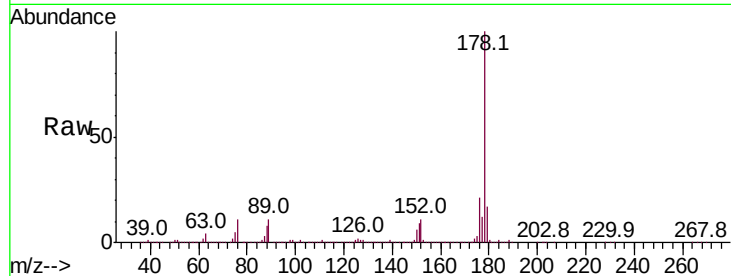
Tot Ion:178 Resp: 2979317

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

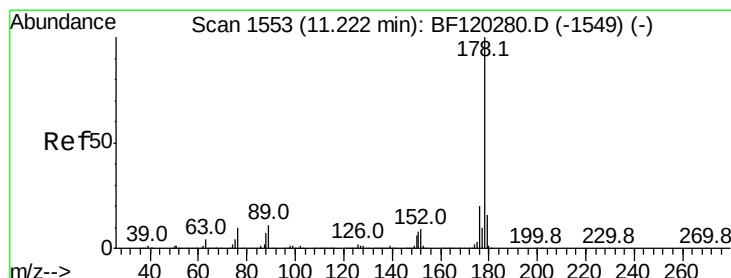
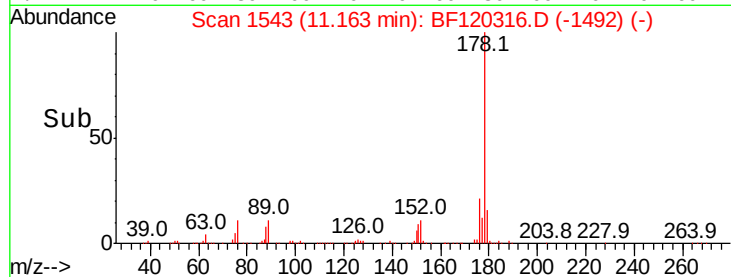
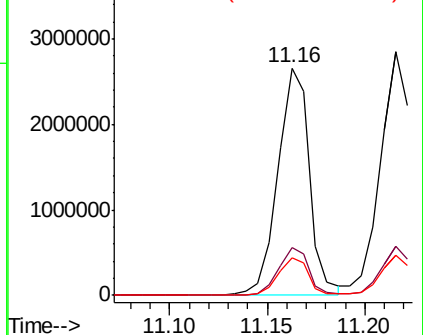
179 16.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.899 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

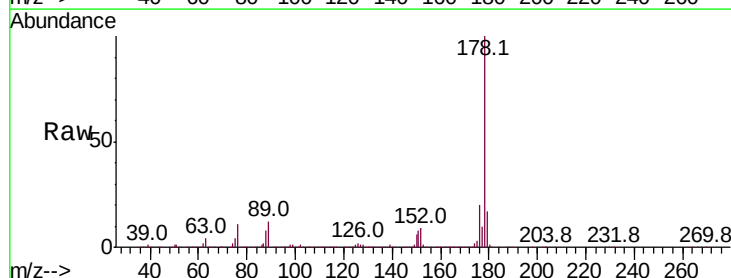
Tgt Ion:178 Resp: 3281632

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

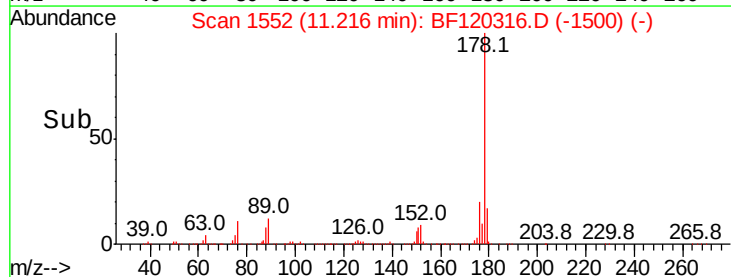
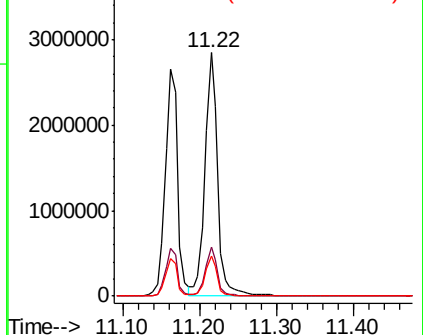
179 16.6 13.0 19.6

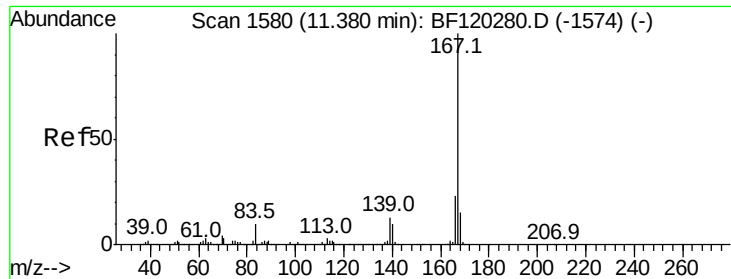


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



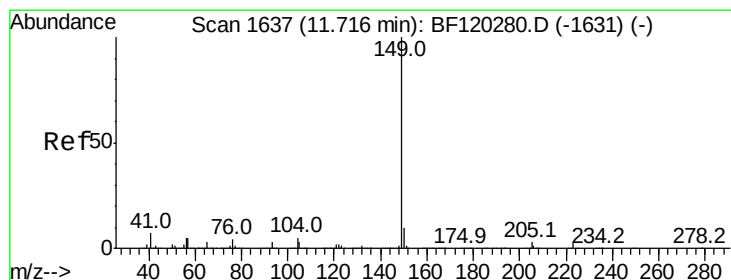
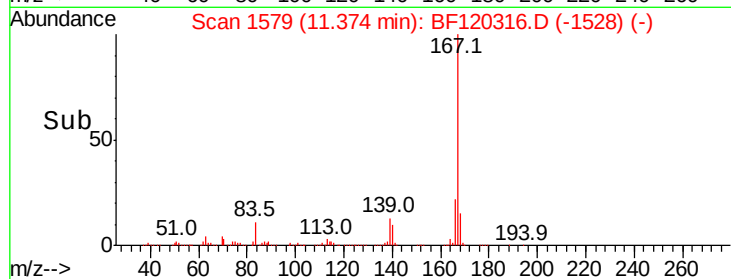
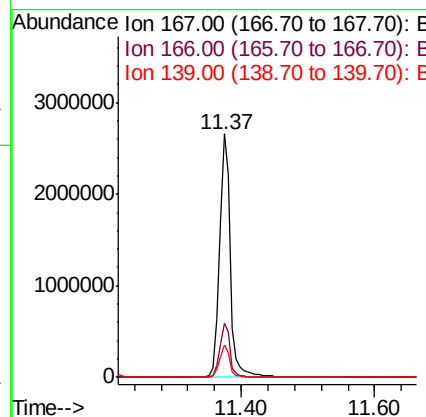
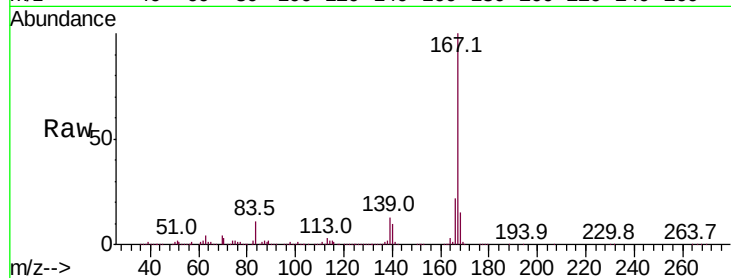


#73
 Carbazole
 Concen: 37.406 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:167 Resp: 3026313

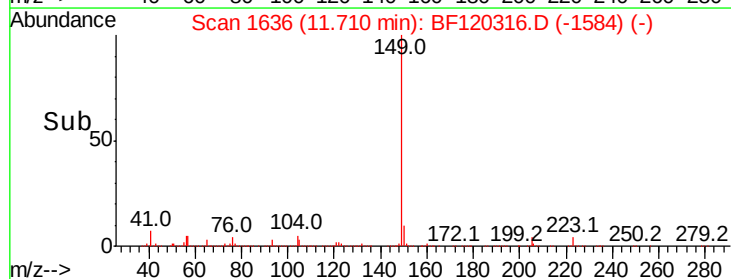
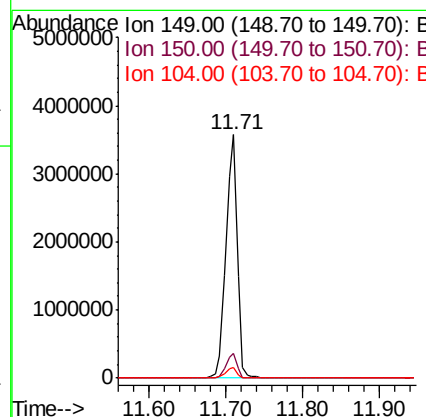
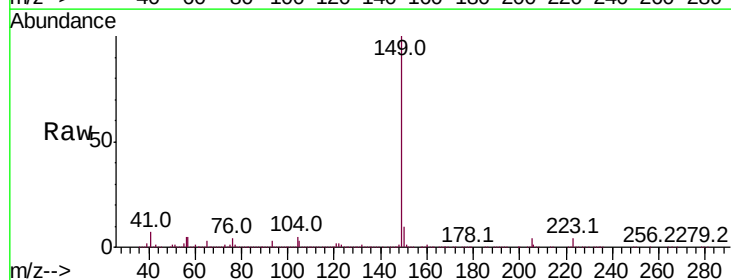
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.4	10.6	15.8

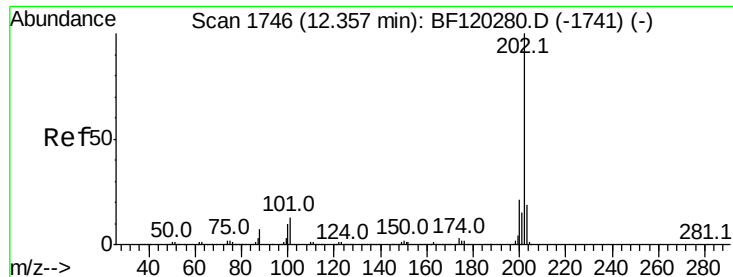


#74
 Di-n-butylphthalate
 Concen: 37.217 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF120316.D
 Acq: 15 May 2020 12:45

Tgt Ion:149 Resp: 3628845

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.4
104	4.6	3.8	5.8





#75

Fluoranthene

Concen: 35.935 ng

RT: 12.35 min Scan# 1745

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

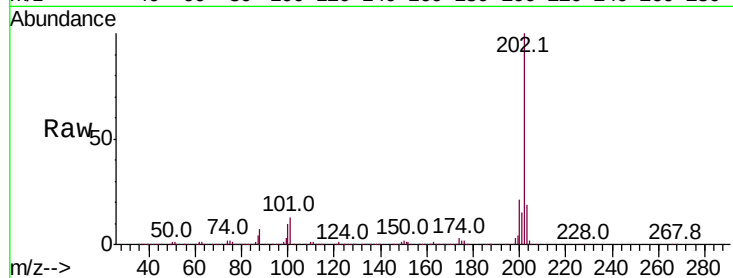
Tot Ion:202 Resp: 3115299

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

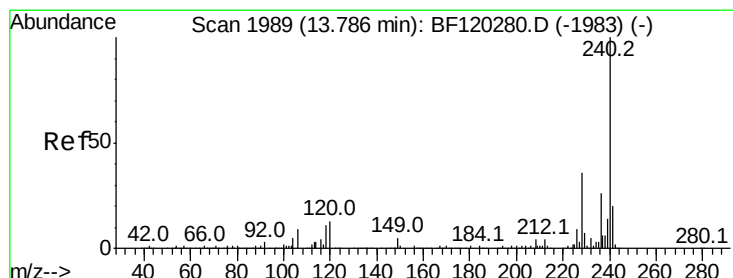
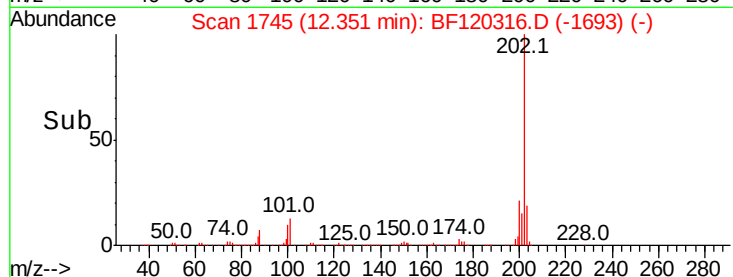
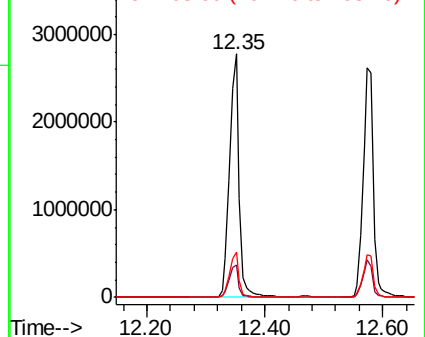
203 18.8 0.0 39.1



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: BF120316.D

Acq: 15 May 2020 12:45

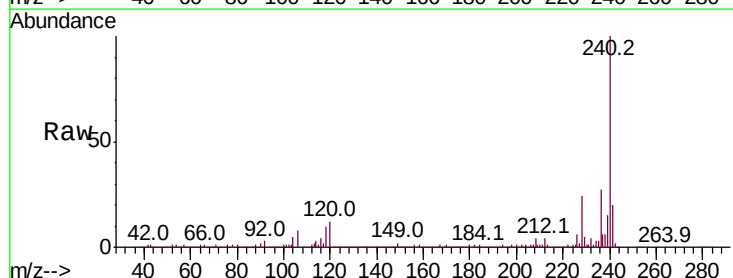
Tgt Ion:240 Resp: 1178101

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

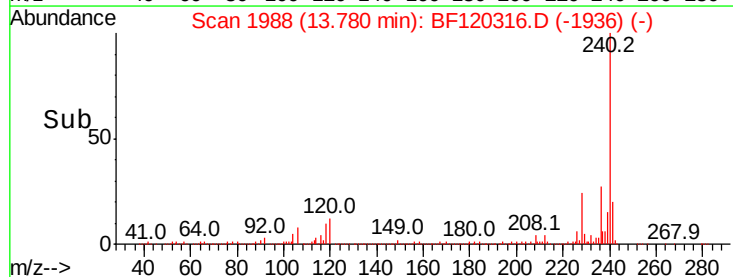
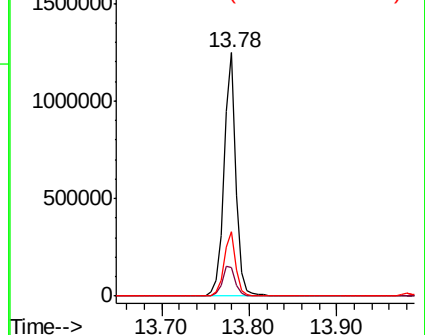
236 26.7 21.0 31.6

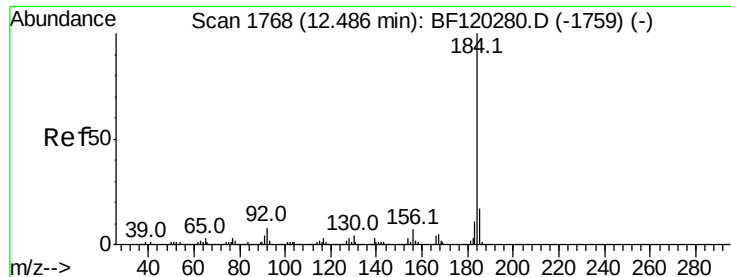


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.146 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

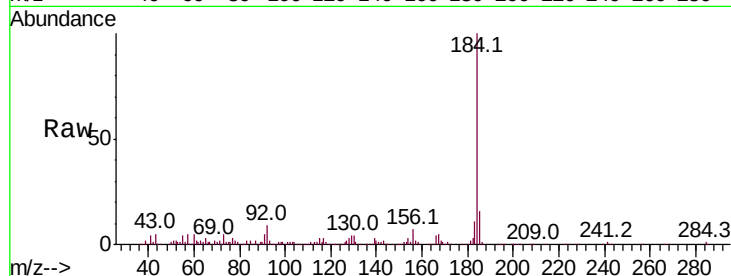
Tot Ion:184 Resp: 1312321

Ion Ratio Lower Upper

184 100

185 15.5 13.7 20.5

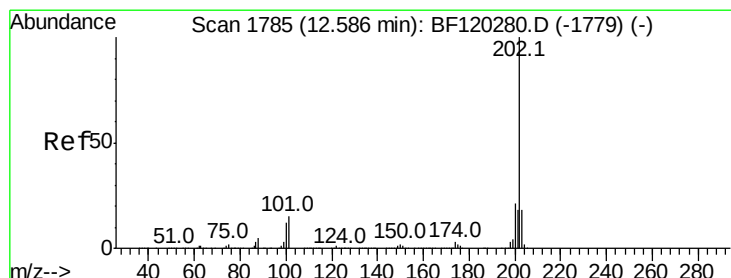
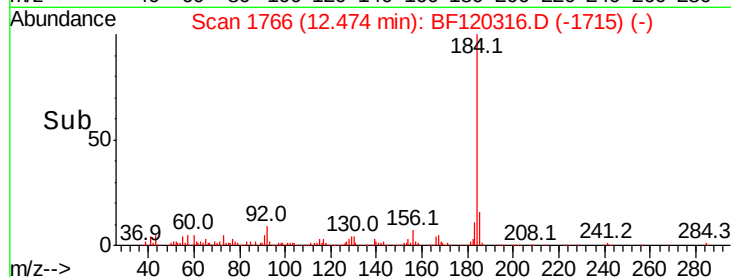
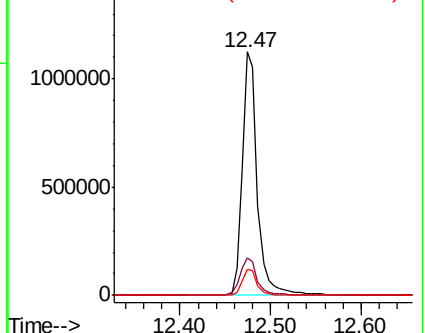
183 10.8 8.7 13.1



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: 37.468 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

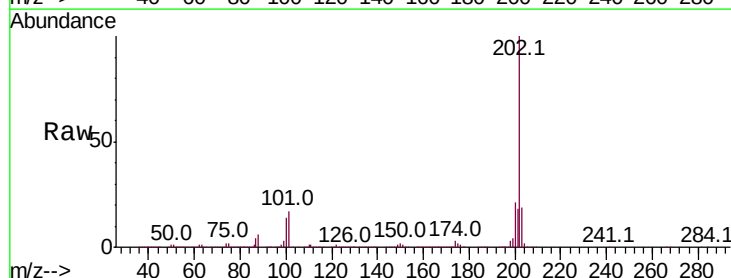
Tgt Ion:202 Resp: 3146802

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

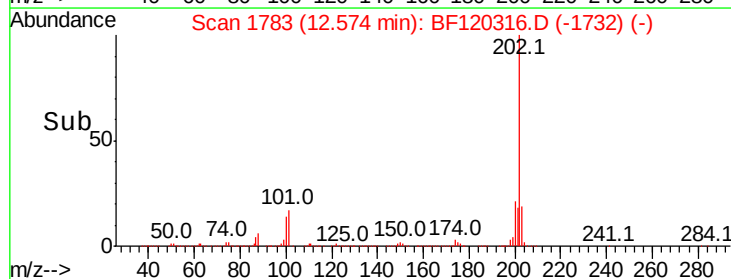
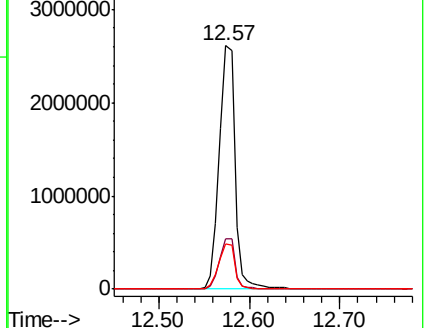
203 18.6 14.6 22.0

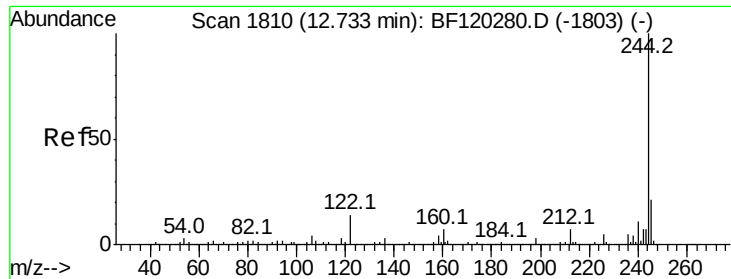


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.837 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

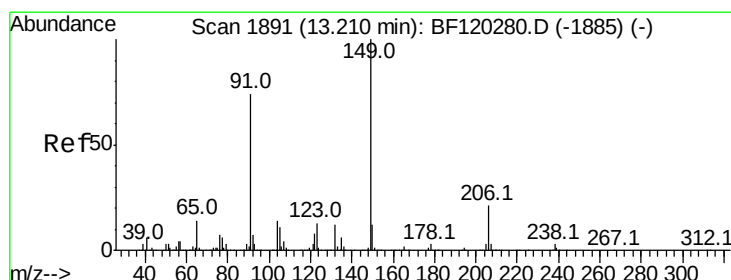
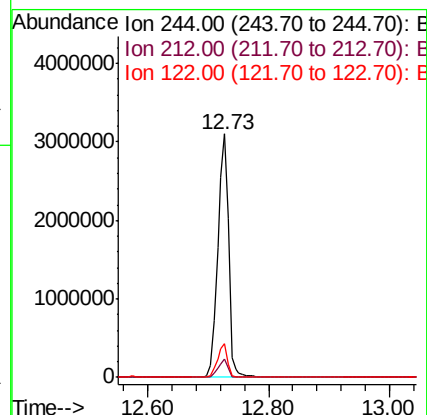
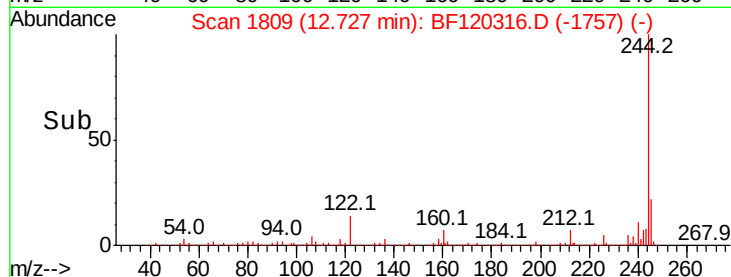
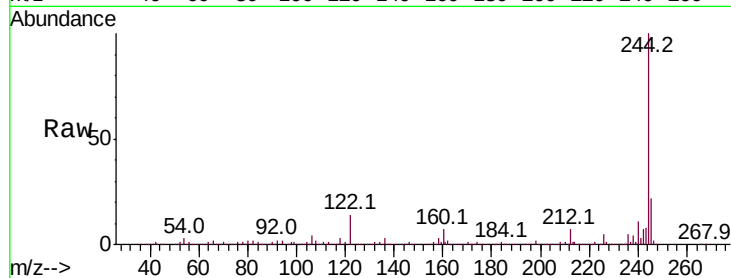
Tot Ion:244 Resp: 3830855

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 13.8 10.8 16.2



#80

Butylbenzylphthalate

Concen: 37.148 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

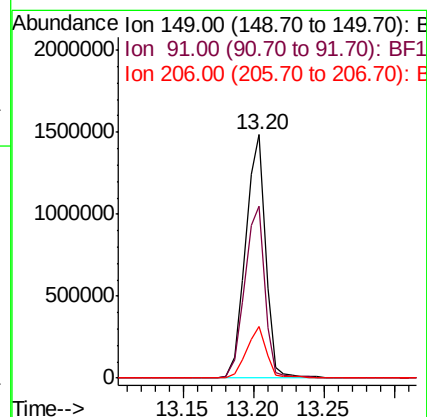
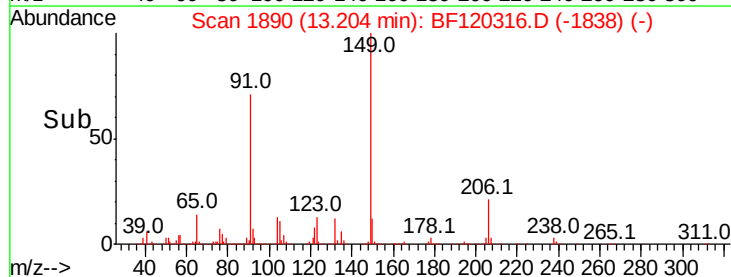
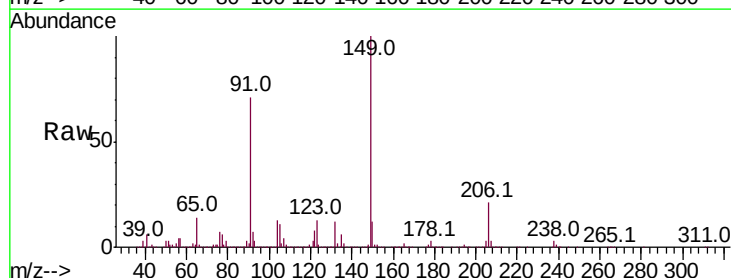
Tgt Ion:149 Resp: 1469121

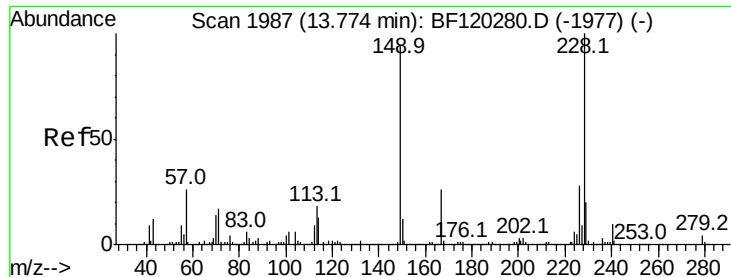
Ion Ratio Lower Upper

149 100

91 70.8 59.0 88.4

206 21.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 37.197 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

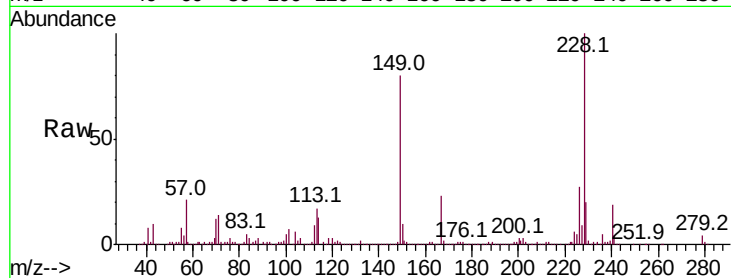
Tot Ion:228 Resp: 2311306

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

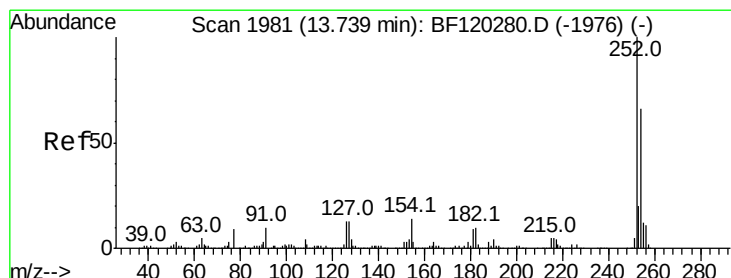
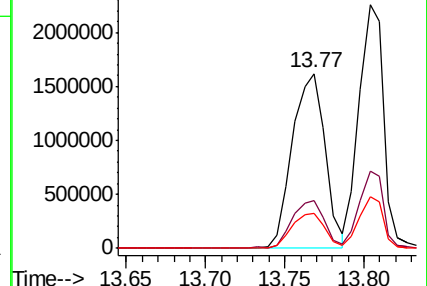
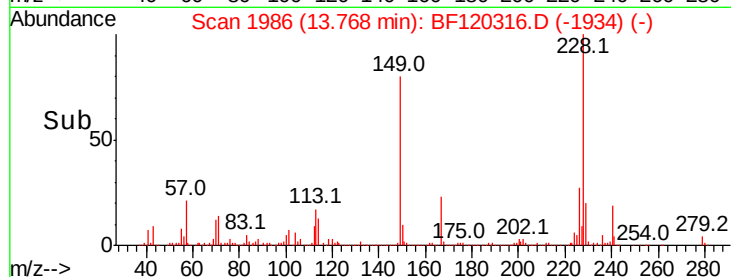
229 20.2 16.4 24.6



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: 21.844 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

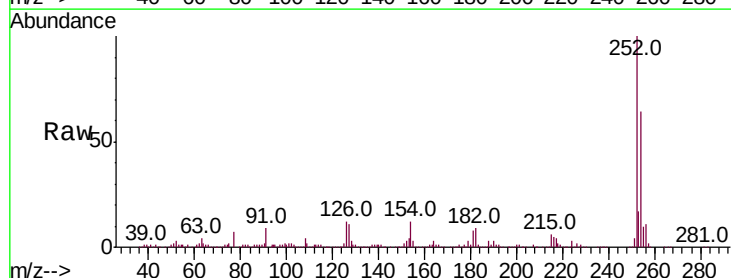
Tgt Ion:252 Resp: 511493

Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

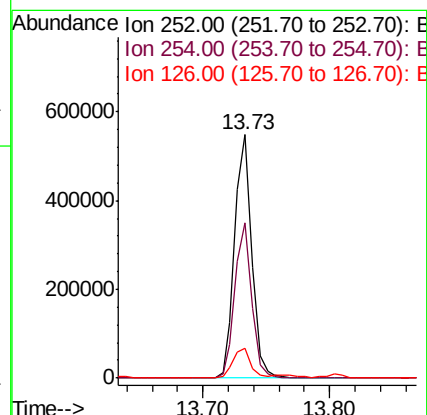
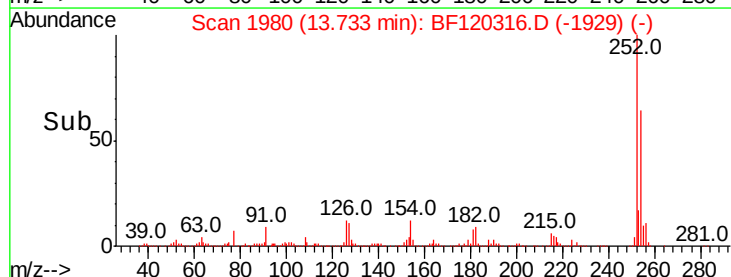
126 12.2 10.7 16.1

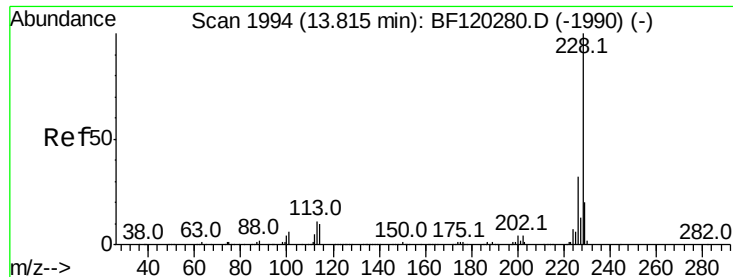


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.999 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

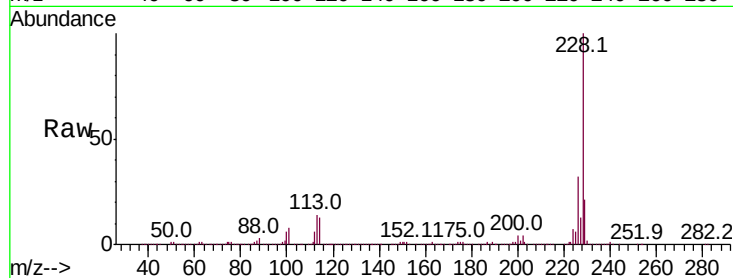
Tot Ion:228 Resp: 2468684

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

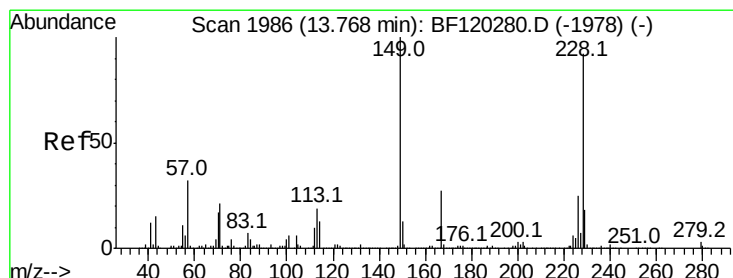
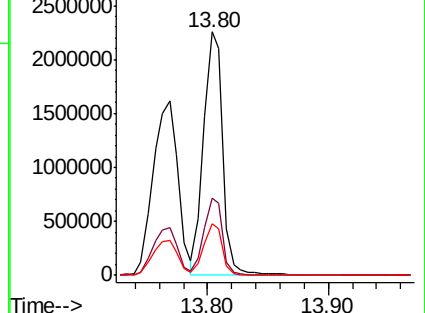
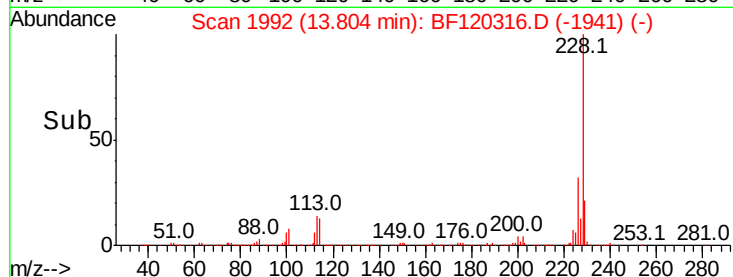
229 21.0 16.2 24.4



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: 35.723 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

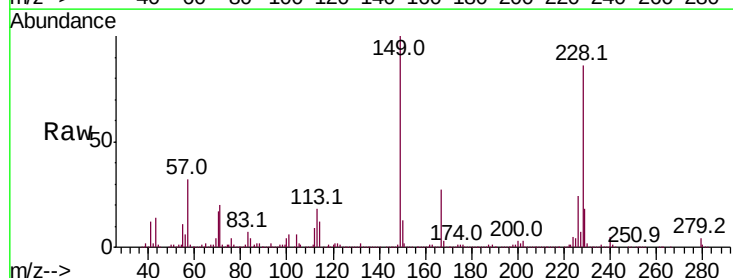
Tgt Ion:149 Resp: 1757744

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

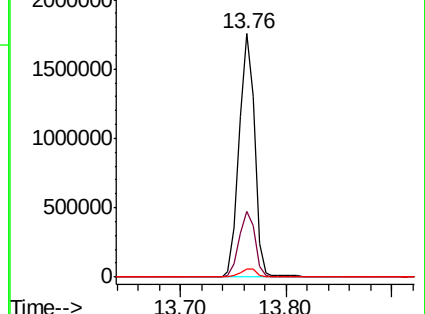
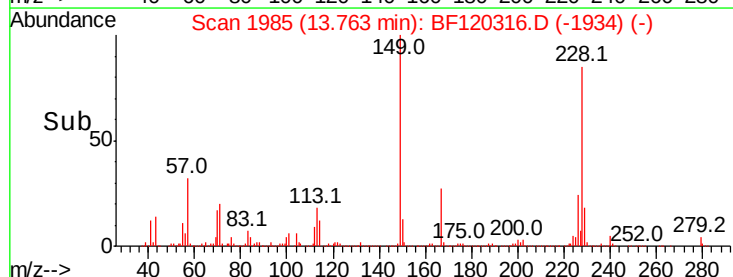
279 3.5 2.8 4.2

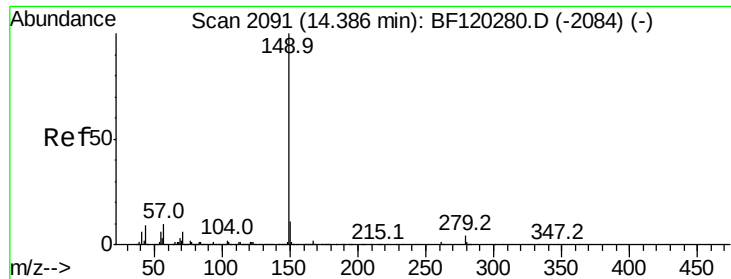


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

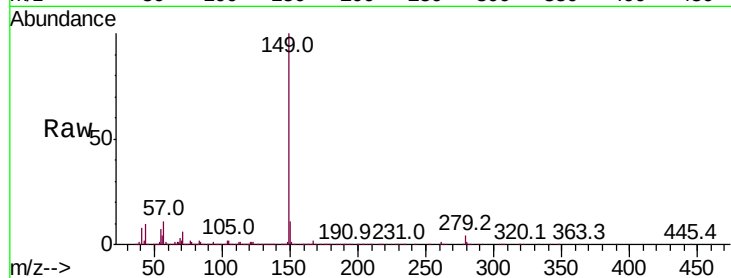




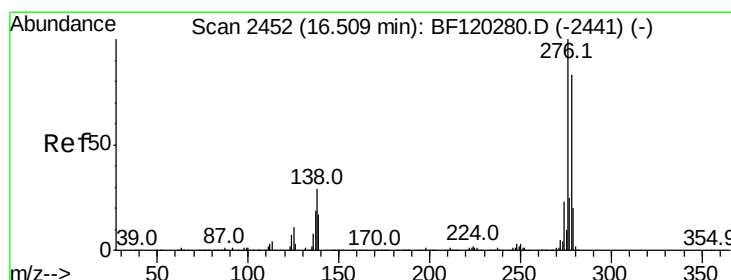
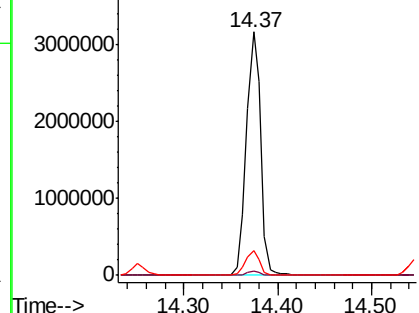
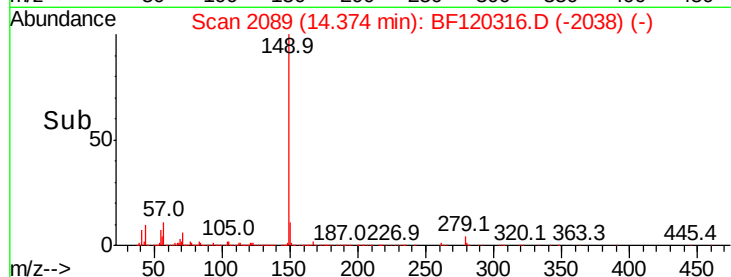
#85
Di-n-octyl phthalate
Concen: 37.821 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:149 Resp: 3347816
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.5 11.3

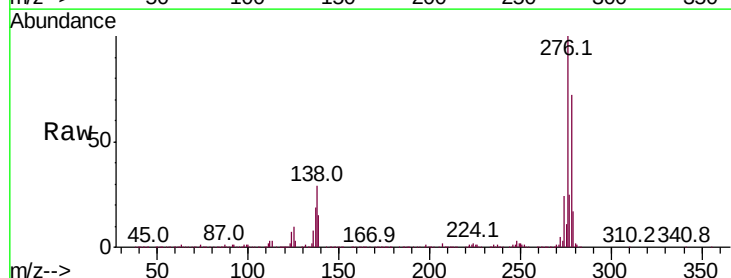


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

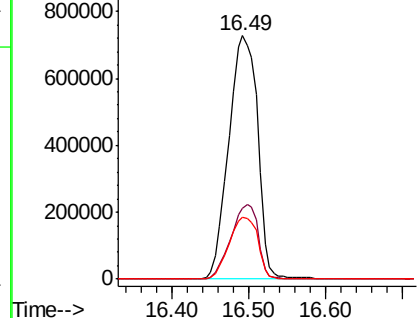
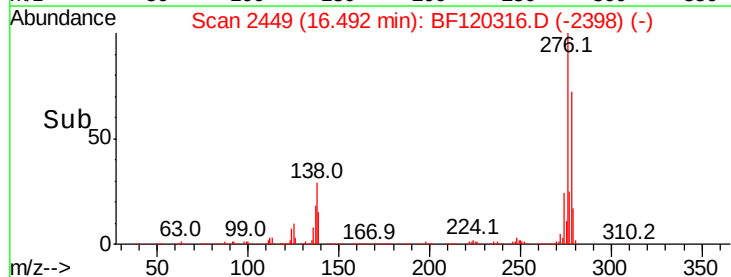


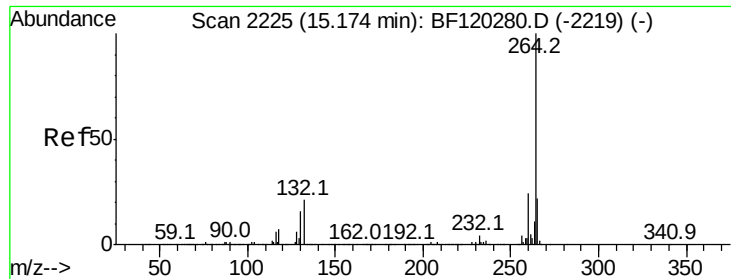
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.579 ng
RT: 16.49 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:276 Resp: 1912350
Ion Ratio Lower Upper
276 100
138 29.1 23.3 34.9
277 25.5 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: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

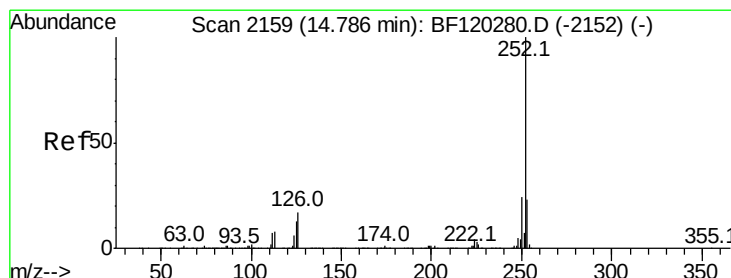
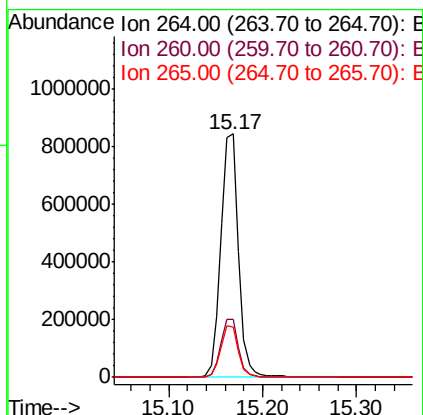
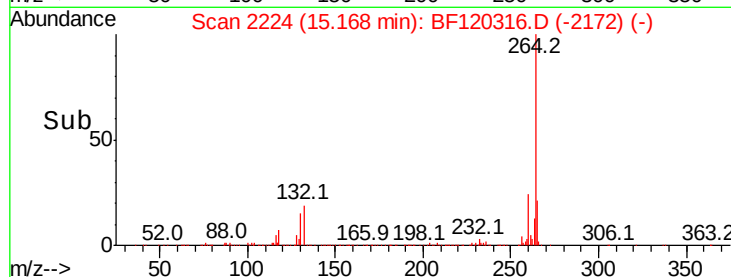
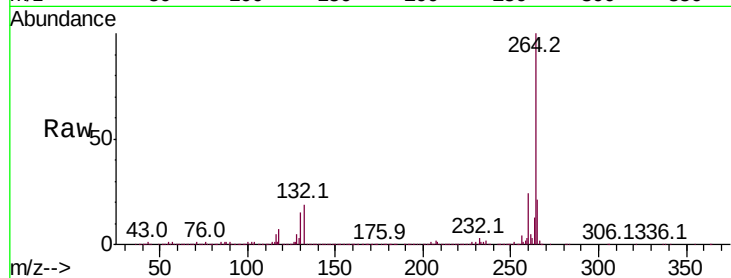
BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:264 Resp: 1108136

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.9	17.5	26.3



#88

Benzo(b)fluoranthene

Concen: 37.339 ng

RT: 14.78 min Scan# 2158

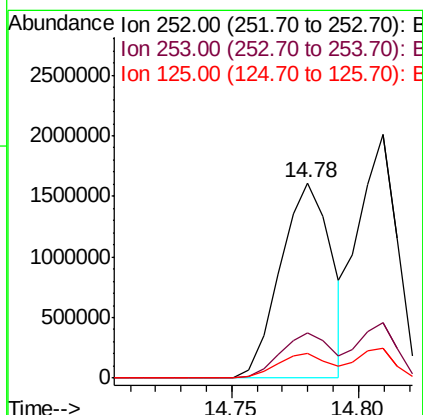
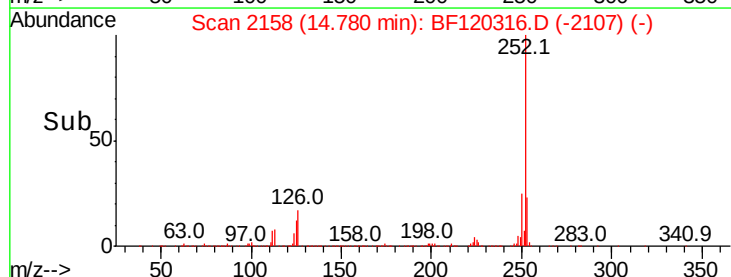
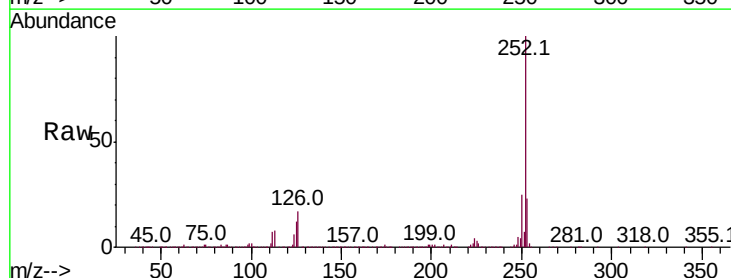
Delta R.T. -0.00 min

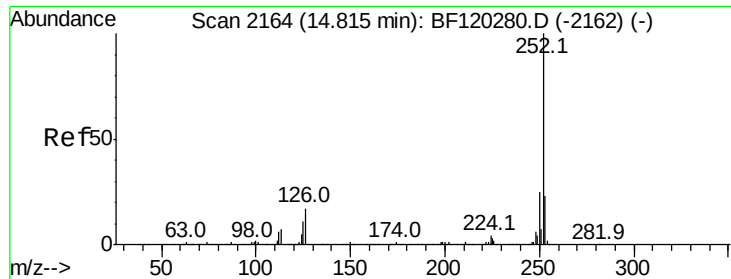
Lab File: BF120316.D

Acq: 15 May 2020 12:45

Tgt Ion:252 Resp: 2259654

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.5	10.4	15.6

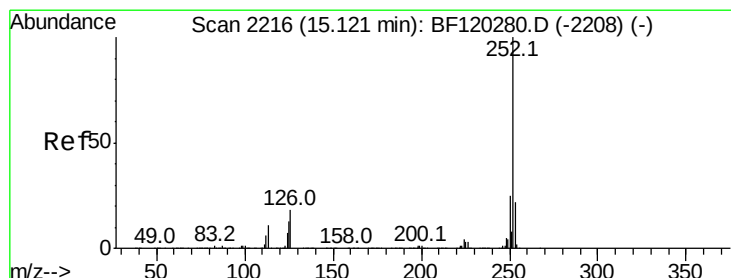
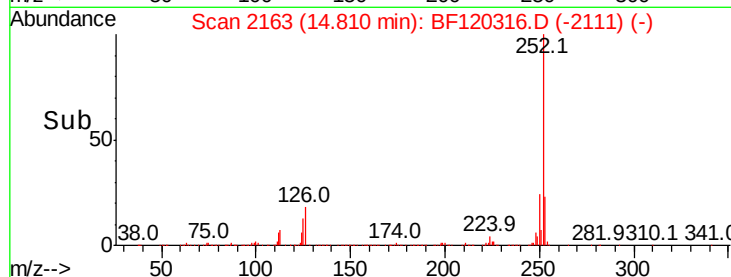
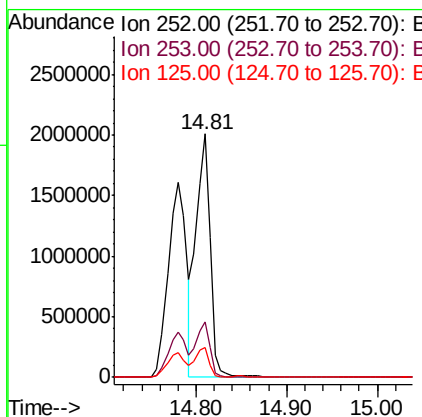
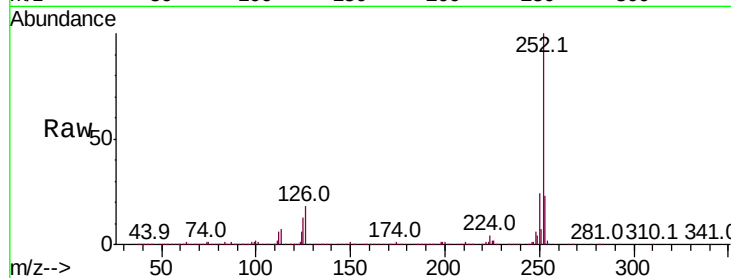




#89
Benzo(k)fluoranthene
Concen: 41.446 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

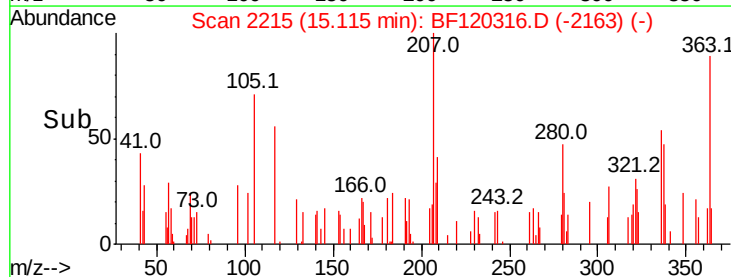
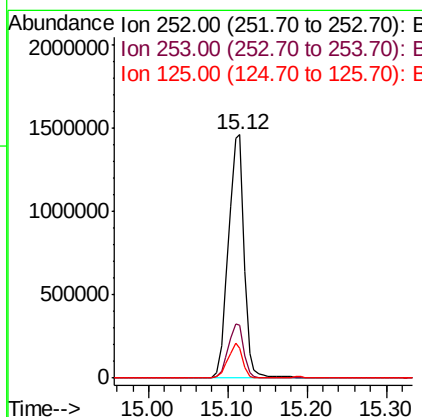
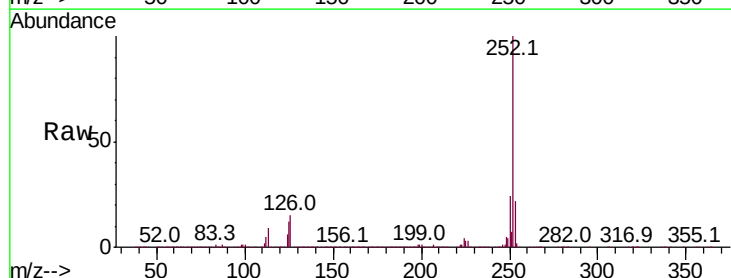
Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

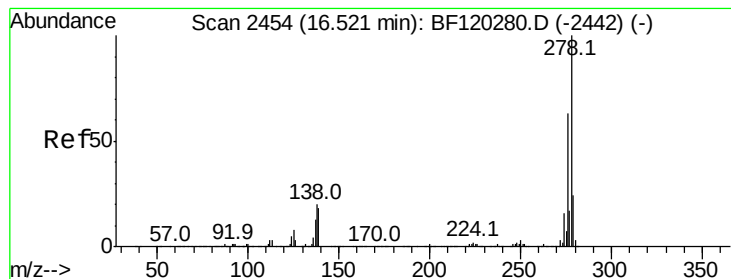
Tot Ion:252 Resp: 2173097
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 12.5 9.9 14.9



#90
Benzo(a)pyrene
Concen: 36.851 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF120316.D
Acq: 15 May 2020 12:45

Tgt Ion:252 Resp: 2000062
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.2 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 33.941 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

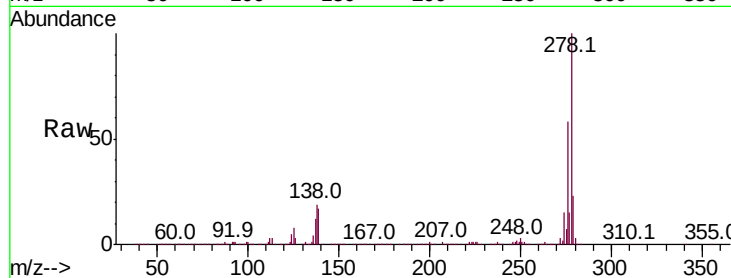
Tot Ion:278 Resp: 1631928

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.7	22.1
279	23.2	19.2	28.8

278 100

139 17.1 14.7 22.1

279 23.2 19.2 28.8

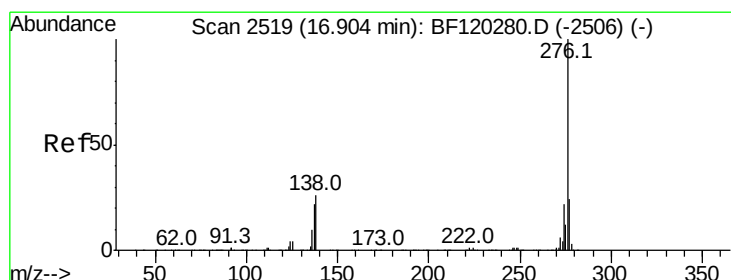
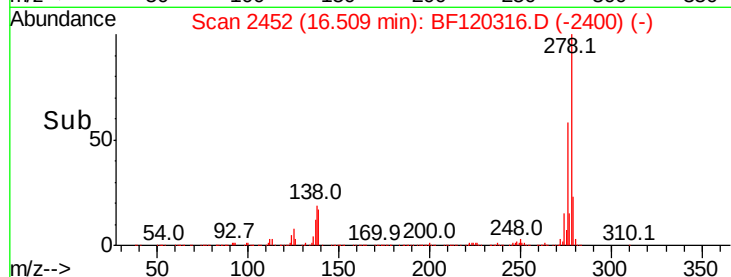
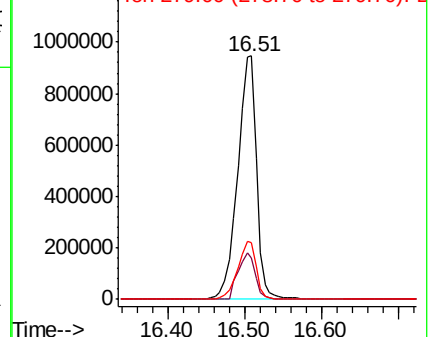


Abundance

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: 33.818 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF120316.D

Acq: 15 May 2020 12:45

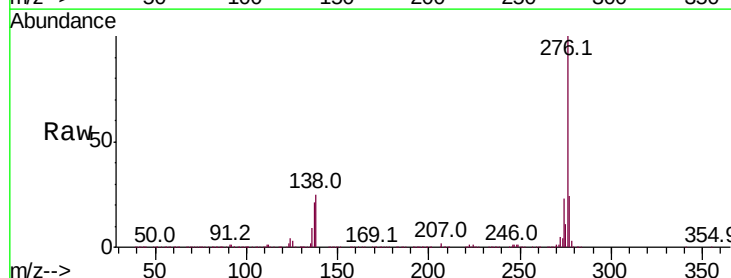
Tgt Ion:276 Resp: 1639705

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	25.0	20.8	31.2

276 100

277 23.9 19.1 28.7

138 25.0 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

