

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120238.D
 Acq On : 30 Apr 2020 14:24
 Operator : MA/SJ
 Sample : L2445-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Quant Time: Apr 30 15:21:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	96988	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	373596	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	194301	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	380736	20.00	ng	0.00
76) Chrysene-d12	13.82	240	305687	20.00	ng	0.00
87) Perylene-d12	15.23	264	324706	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	554744	98.85	ng	0.00
7) Phenol-d6	6.30	99	712505	98.53	ng	0.00
23) Nitrobenzene-d5	7.22	82	440131	60.95	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	194783	81.88	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	888032	64.89	ng	0.00
79) Terphenyl-d14	12.77	244	1083541	59.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	110129	44.058	ng	97
3) Pyridine	2.92	79	309633	45.148	ng	93
4) n-Nitrosodimethylamine	2.87	42	177413	50.631	ng	96
6) Aniline	6.31	93	409445	43.138	ng	# 73
8) 2-Chlorophenol	6.44	128	347745	55.457	ng	99
9) Benzaldehyde	6.19	77	129555	29.871	ng	98
10) Phenol	6.32	94	447572	54.555	ng	# 71
11) bis(2-Chloroethyl)ether	6.39	93	326410	51.529	ng	96
12) 1,3-Dichlorobenzene	6.59	146	360224	52.472	ng	98
13) 1,4-Dichlorobenzene	6.67	146	361737	51.728	ng	100
14) 1,2-Dichlorobenzene	6.82	146	344116	53.394	ng	99
15) Benzyl Alcohol	6.80	79	288788	51.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	565317	45.862	ng	73
17) 2-Methylphenol	6.93	107	276248	49.365	ng	# 92
18) Hexachloroethane	7.16	117	136698	52.305	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	240313	51.678	ng	99
20) 3+4-Methylphenols	7.08	107	364518	53.261	ng	# 81
22) Acetophenone	7.06	105	476407	54.456	ng	# 98
24) Nitrobenzene	7.24	77	362340	49.877	ng	99
25) Isophorone	7.48	82	654711	47.030	ng	99
26) 2-Nitrophenol	7.56	139	187199	51.579	ng	91
27) 2,4-Dimethylphenol	7.60	122	291494	53.252	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	417027	50.909	ng	99
29) 2,4-Dichlorophenol	7.80	162	287449	51.231	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	308656	48.550	ng	98
31) Naphthalene	7.96	128	993919	50.566	ng	99
32) Benzoic acid	7.75	122	209038	43.483	ng	92
33) 4-Chloroaniline	8.01	127	238525	27.875	ng	99
34) Hexachlorobutadiene	8.07	225	178752	46.970	ng	98
35) Caprolactam	8.39	113	49355	28.756	ng	99
36) 4-Chloro-3-methylphenol	8.52	107	308506	50.786	ng	98
37) 2-Methylnaphthalene	8.65	142	663825	49.814	ng	99
38) 1-Methylnaphthalene	8.75	142	626449	49.875	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	302725	49.329	ng	99

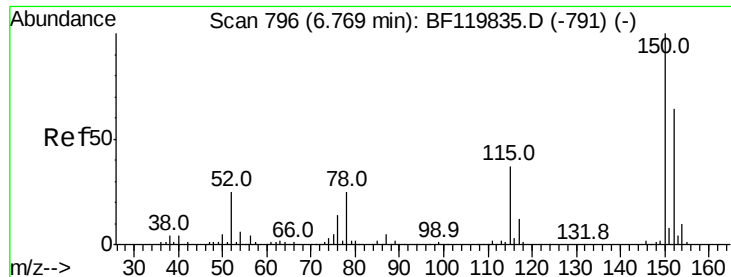
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	272451	78.074	ng	99
43) 2,4,6-Trichlorophenol	8.94	196	202930	47.886	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	212838	44.592	ng	99
46) 1,1'-Biphenyl	9.12	154	808507	49.299	ng	97
47) 2-Chloronaphthalene	9.14	162	627949	49.704	ng	99
48) 2-Nitroaniline	9.25	65	223711	48.863	ng	97
49) Acenaphthylene	9.56	152	984056	51.217	ng	98
50) Dimethylphthalate	9.43	163	789018	52.500	ng	100
51) 2,6-Dinitrotoluene	9.49	165	164169	49.883	ng	98
52) Acenaphthene	9.73	154	588545	45.920	ng	98
53) 3-Nitroaniline	9.66	138	126287	33.598	ng	94
54) 2,4-Dinitrophenol	9.77	184	178163	90.421	ng	97
55) Dibenzofuran	9.90	168	887265	50.448	ng	98
56) 4-Nitrophenol	9.85	139	239675	85.700	ng	94
57) 2,4-Dinitrotoluene	9.90	165	217475	50.155	ng	93
58) Fluorene	10.25	166	708141	50.345	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	180534	49.455	ng	98
60) Diethylphthalate	10.13	149	763777	49.034	ng	98
61) 4-Chlorophenyl-phenylether	10.24	204	338396	46.939	ng	99
62) 4-Nitroaniline	10.28	138	186501	52.065	ng	95
63) Azobenzene	10.40	77	712736	51.058	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	121343	48.376	ng	79
66) n-Nitrosodiphenylamine	10.36	169	631790	49.896	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	204720	43.237	ng	98
68) Hexachlorobenzene	10.79	284	224367	46.711	ng	99
69) Atrazine	10.89	200	192692	54.695	ng	100
70) Pentachlorophenol	10.99	266	201993	72.973	ng	98
71) Phenanthrene	11.20	178	1034160	51.036	ng	98
72) Anthracene	11.26	178	1069756	51.679	ng	98
73) Carbazole	11.42	167	993163	50.735	ng	99
74) Di-n-butylphthalate	11.75	149	1252519	48.672	ng	99
75) Fluoranthene	12.39	202	1183909	54.150	ng	98
77) Benzidine	12.52	184	757808	73.338	ng	98
78) Pyrene	12.62	202	1185718	46.012	ng	98
80) Butylbenzylphthalate	13.25	149	531629	42.515	ng	100
81) Benzo(a)anthracene	13.82	228	1029515	51.194	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	251667	33.540	ng	98
83) Chrysene	13.85	228	1014458	49.647	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	752465	44.436	ng	100
85) Di-n-octyl phthalate	14.43	149	1329706	46.119	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1193747	66.275	ng	99
88) Benzo(b)fluoranthene	14.83	252	1038857	44.474	ng	99
89) Benzo(k)fluoranthene	14.86	252	1020776	50.648	ng	99
90) Benzo(a)pyrene	15.17	252	964868	49.128	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	987386	56.757	ng	99
92) Benzo(g,h,i)perylene	16.99	276	991786	57.755	ng	96

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

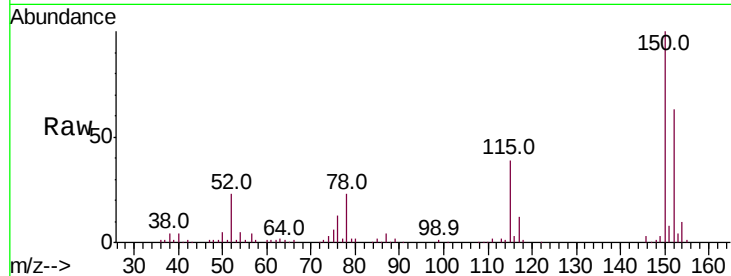


#1

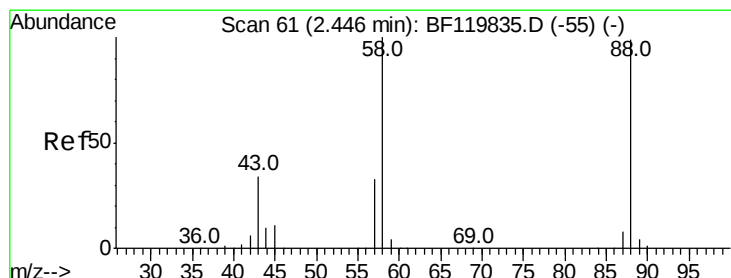
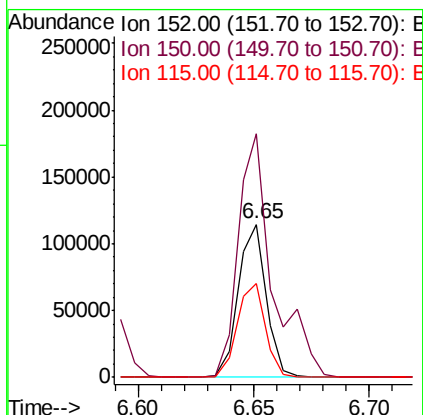
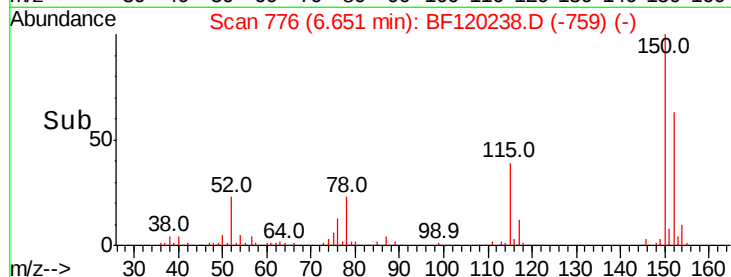
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:152 Resp: 96988
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.5 186.7
 115 61.6 49.6 74.4



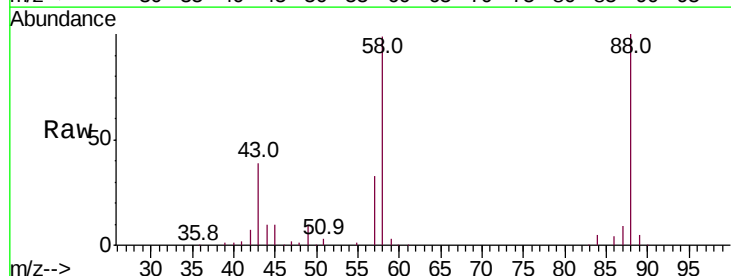
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



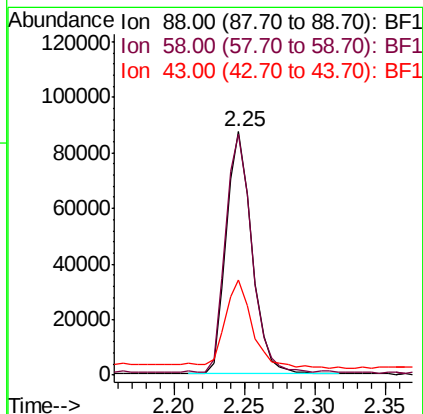
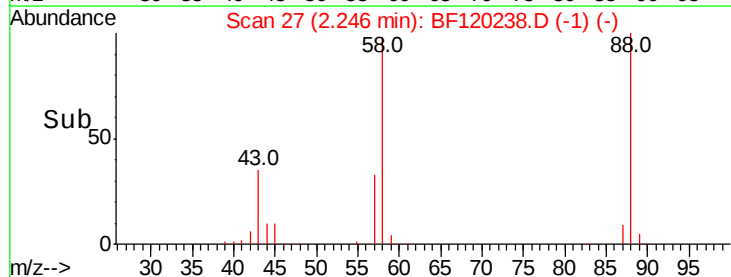
#2

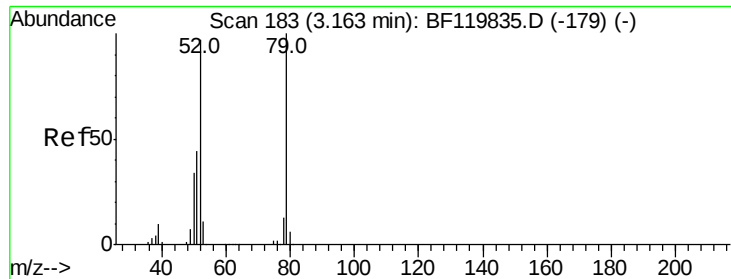
1,4-Dioxane
 Concen: 44.058 ng
 RT: 2.25 min Scan# 27
 Delta R.T. 0.05 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion: 88 Resp: 110129
 Ion Ratio Lower Upper
 88 100
 58 102.7 80.6 121.0
 43 38.0 27.5 41.3



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: 45.148 ng

RT: 2.92 min Scan# 141

Delta R.T. 0.05 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

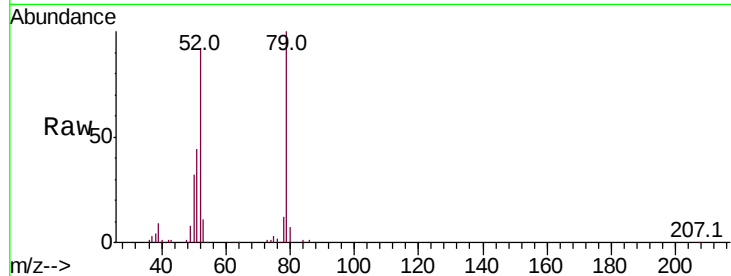
Tot Ion: 79 Resp: 309633

Ion Ratio Lower Upper

79 100

52 91.9 80.2 120.2

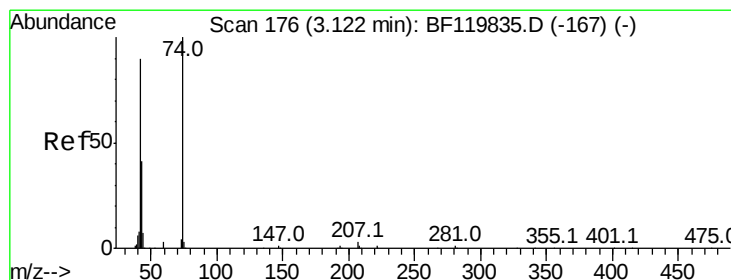
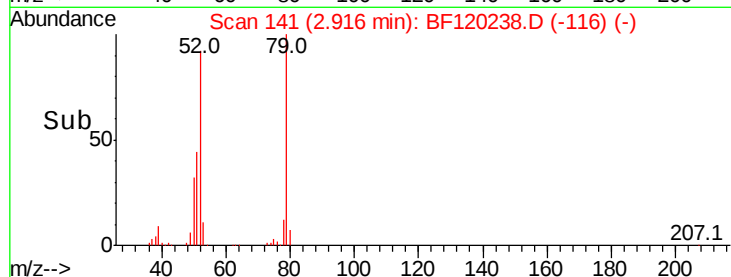
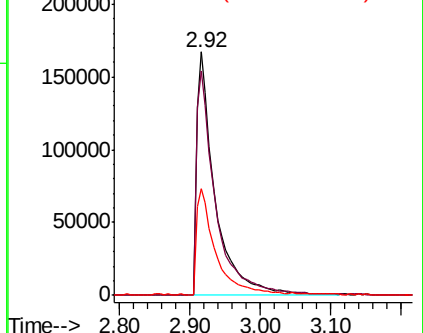
51 44.0 37.7 56.5



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: 50.631 ng

RT: 2.87 min Scan# 134

Delta R.T. 0.04 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

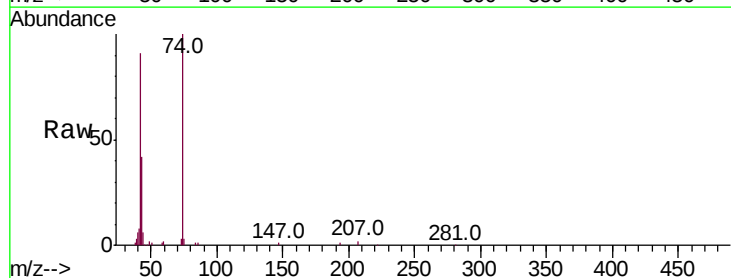
Tgt Ion: 42 Resp: 177413

Ion Ratio Lower Upper

42 100

74 110.3 91.5 137.3

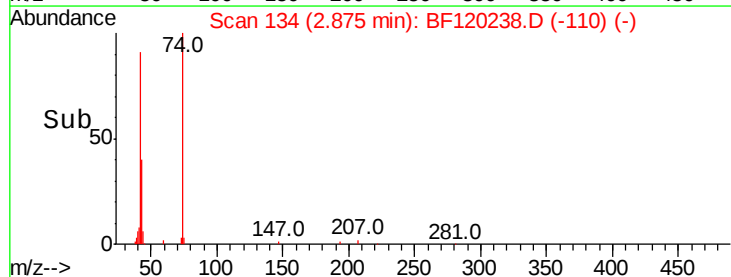
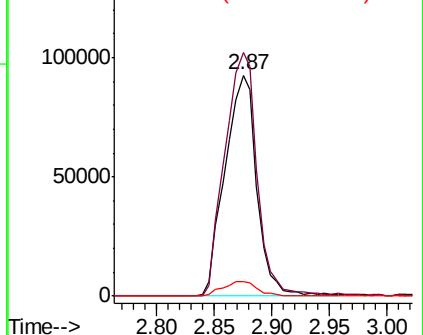
44 6.8 6.2 9.4

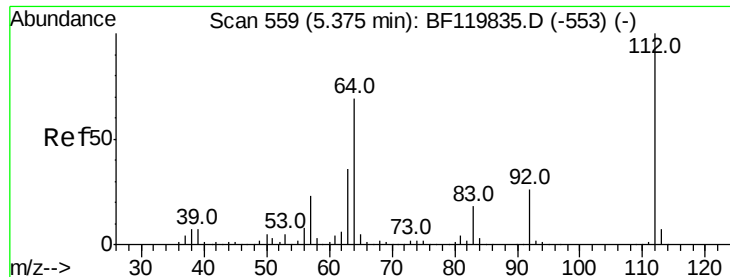


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.847 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

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EOD-PROJECT-EASTMSD

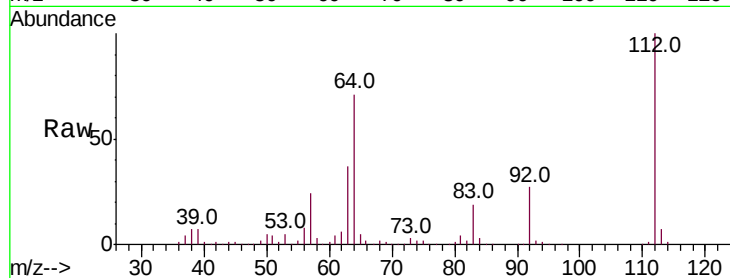
Tot Ion:112 Resp: 554744

Ion Ratio Lower Upper

112 100

64 71.4 56.7 85.1

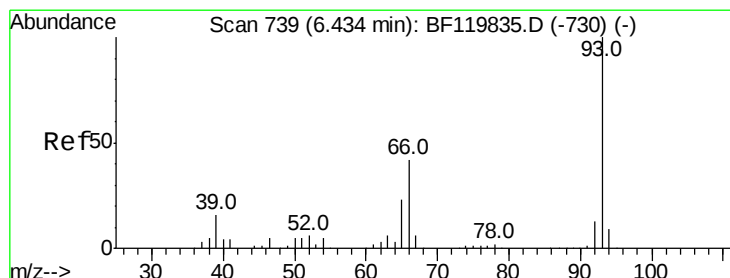
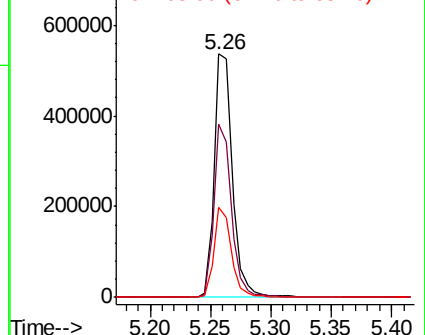
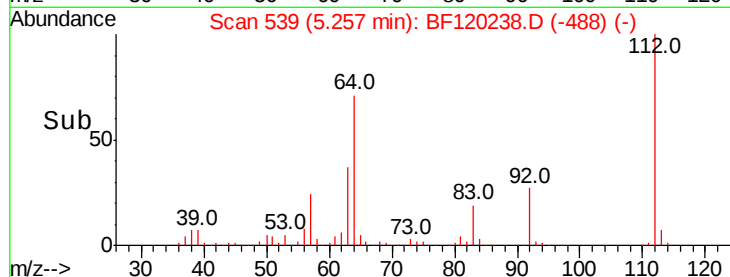
63 36.9 29.5 44.3



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: 43.138 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

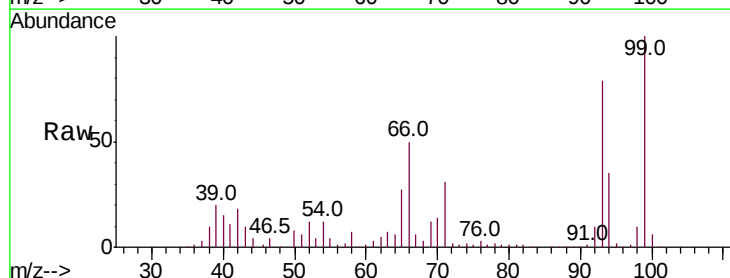
Tgt Ion: 93 Resp: 409445

Ion Ratio Lower Upper

93 100

66 62.5 34.9 52.3#

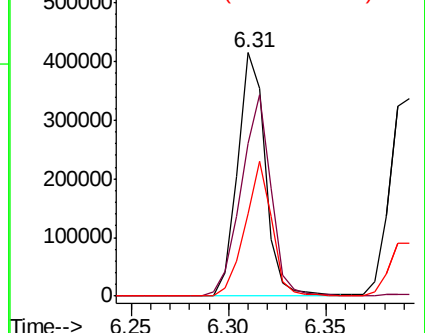
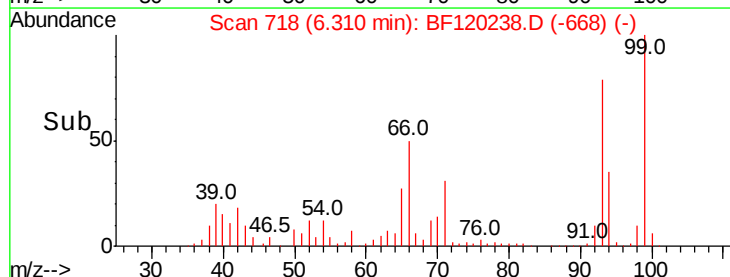
65 33.9 18.6 27.8#

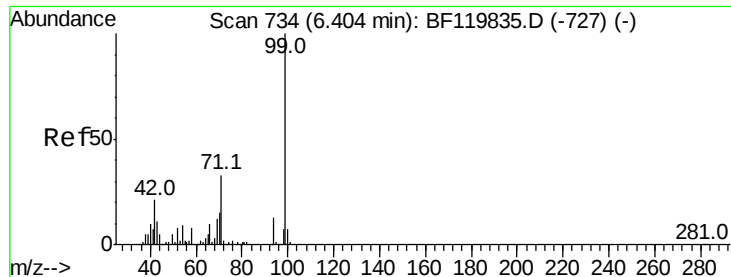


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.528 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

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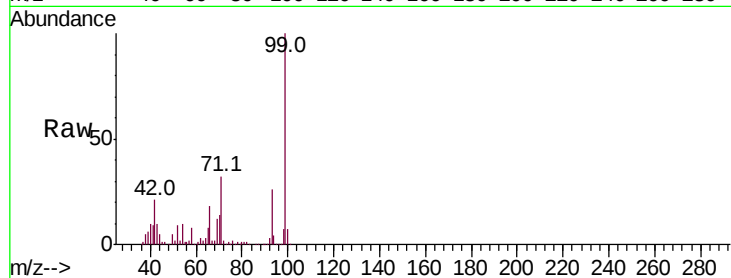
Tot Ion: 99 Resp: 712505

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

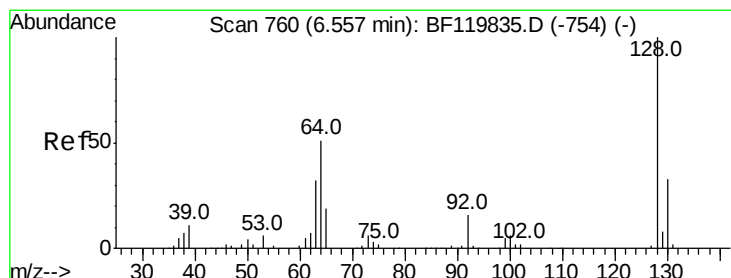
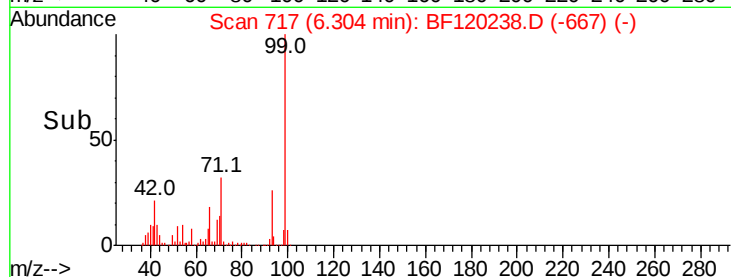
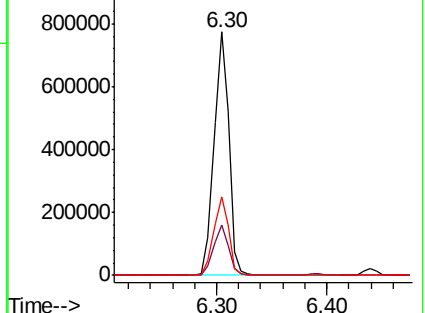
71 32.3 26.4 39.6



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: 55.457 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

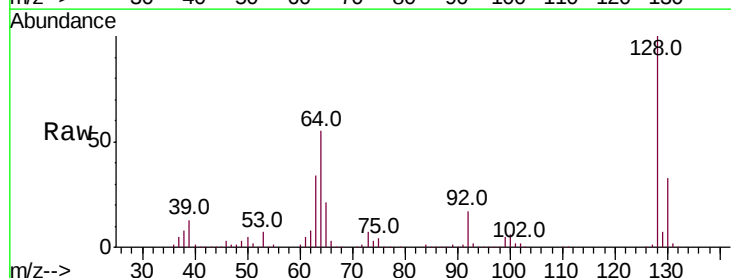
Tgt Ion:128 Resp: 347745

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

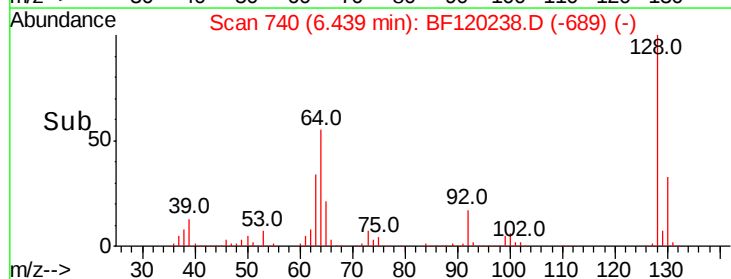
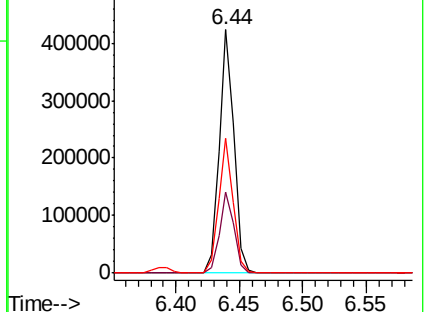
64 55.2 35.3 75.3

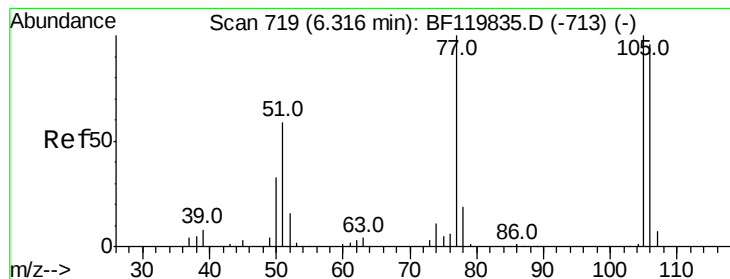


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.871 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

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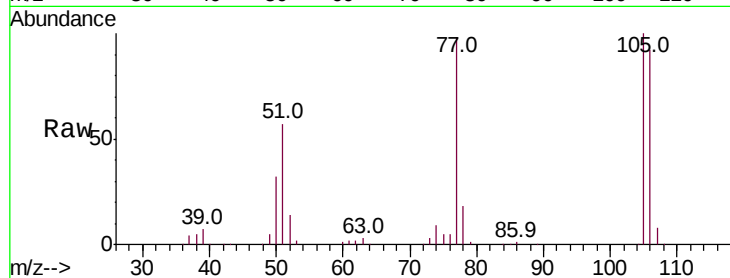
Tot Ion: 77 Resp: 129555

Ion Ratio Lower Upper

77 100

105 101.9 80.9 120.9

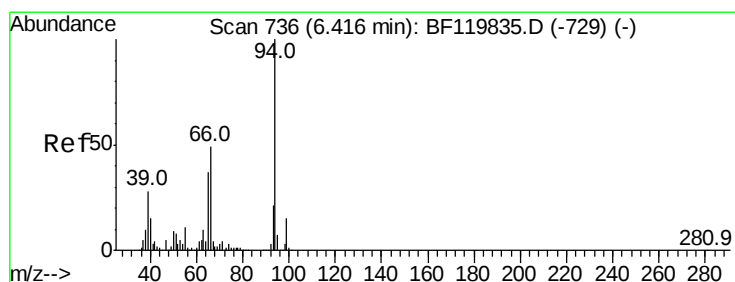
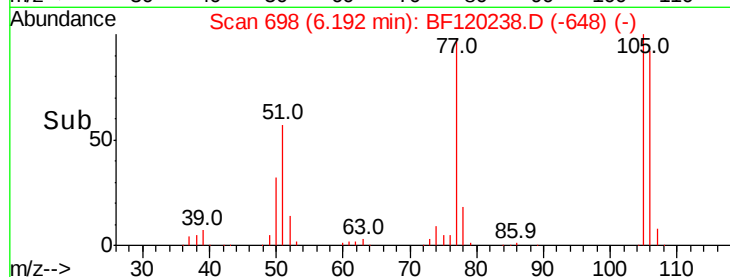
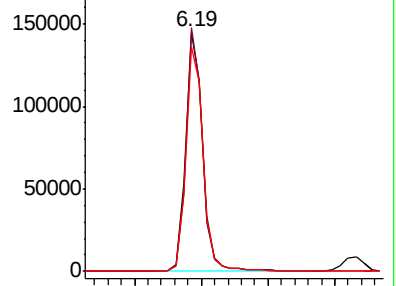
106 94.2 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 54.555 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

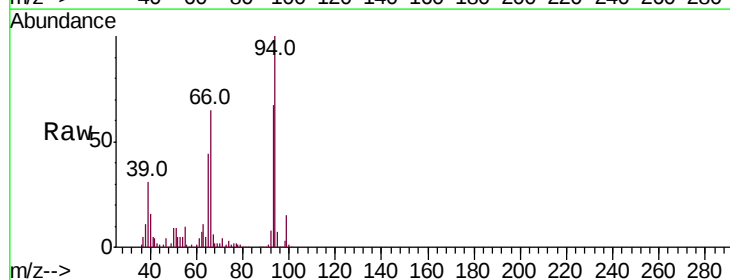
Tgt Ion: 94 Resp: 447572

Ion Ratio Lower Upper

94 100

65 43.8 13.2 53.2

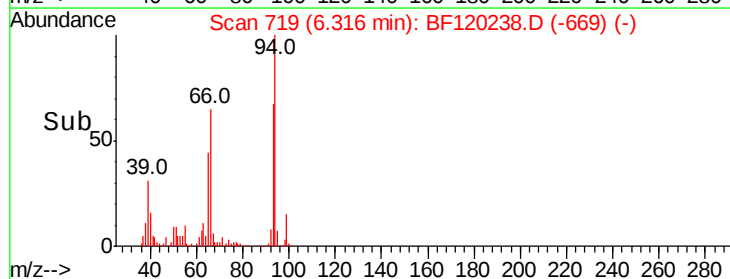
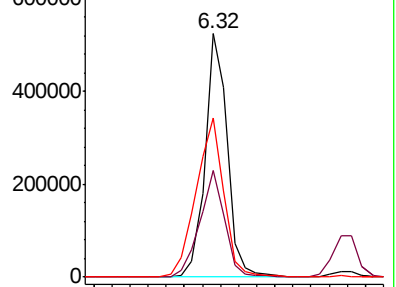
66 65.3 22.3 62.3#

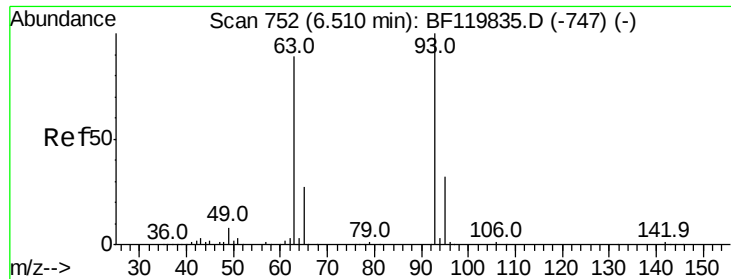


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

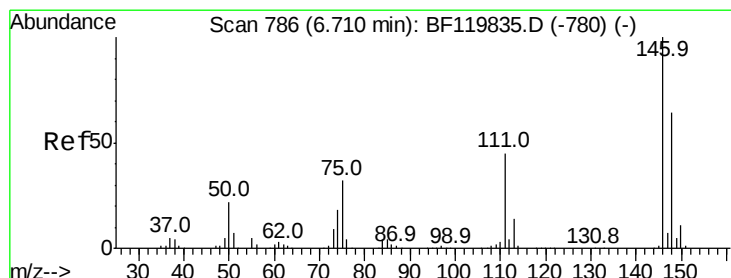
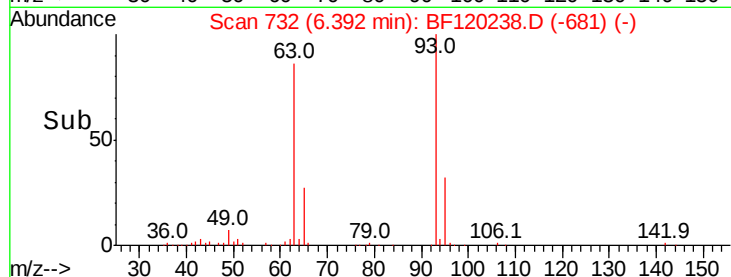
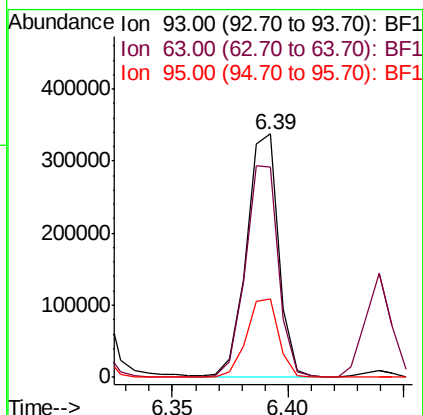
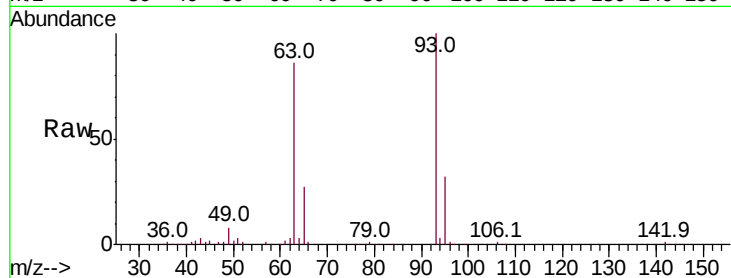




#11
bis(2-Chloroethyl)ether
Concen: 51.529 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

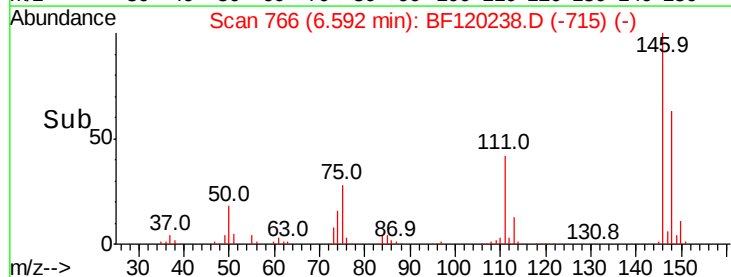
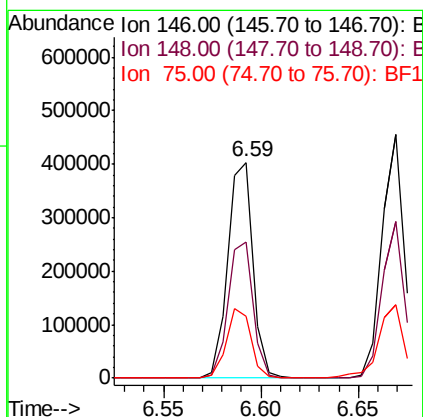
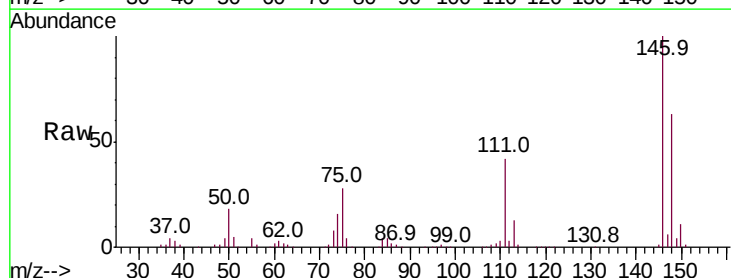
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

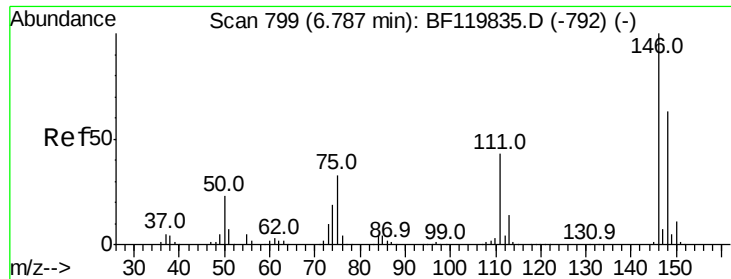
Tot Ion: 93 Resp: 326410
Ion Ratio Lower Upper
93 100
63 86.2 70.2 110.2
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 52.472 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion: 146 Resp: 360224
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
75 28.4 23.0 34.4

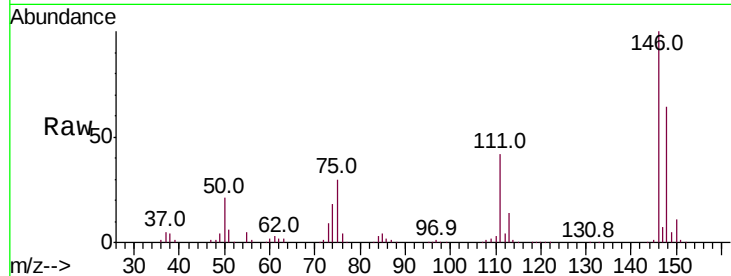




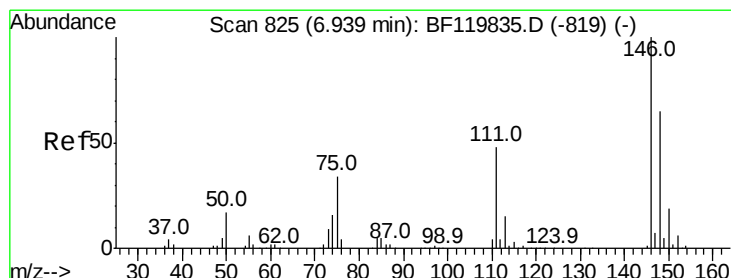
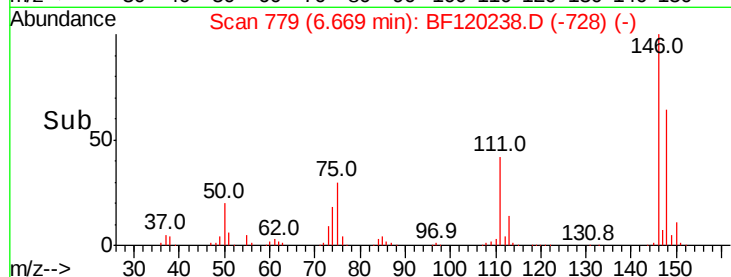
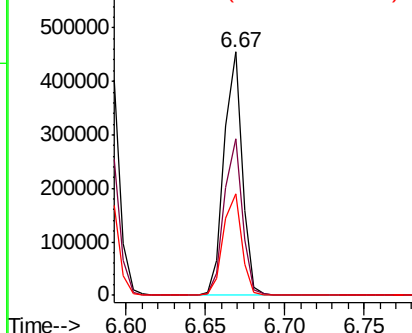
#13
 1,4-Dichlorobenzene
 Concen: 51.728 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:146 Resp: 361737
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.5 77.3
 111 41.6 33.3 49.9

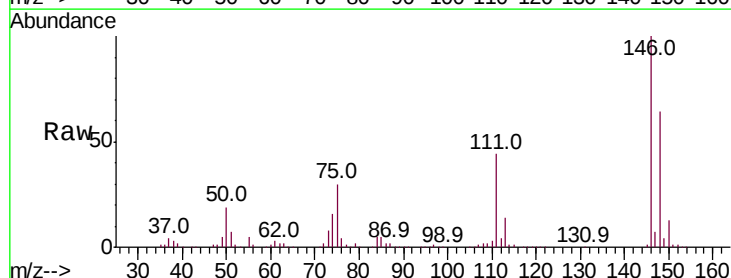


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

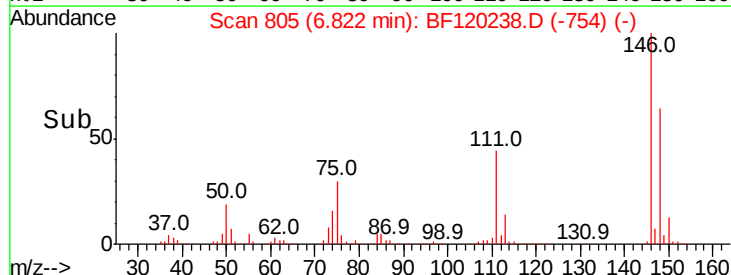
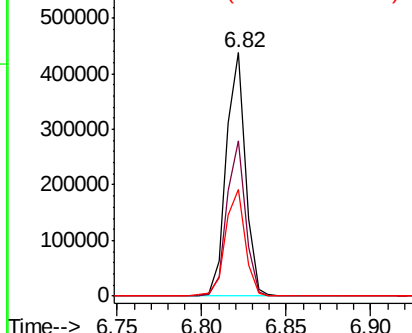


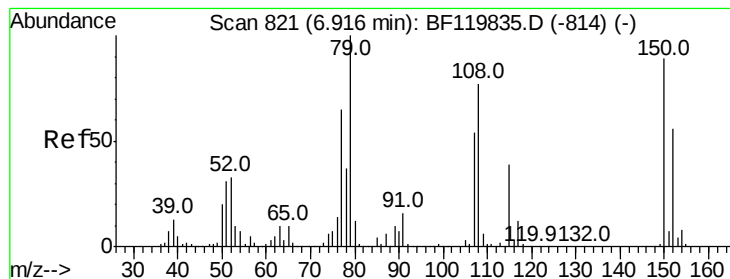
#14
 1,2-Dichlorobenzene
 Concen: 53.394 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:146 Resp: 344116
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 43.8 36.1 54.1



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: 51.416 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

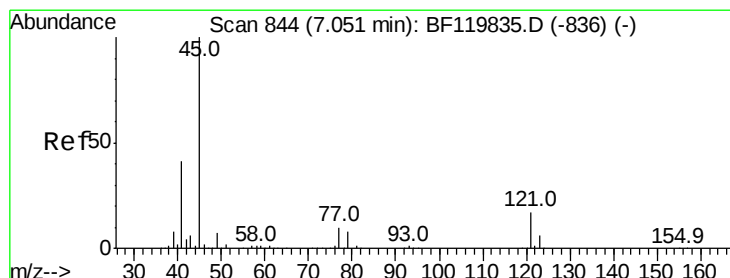
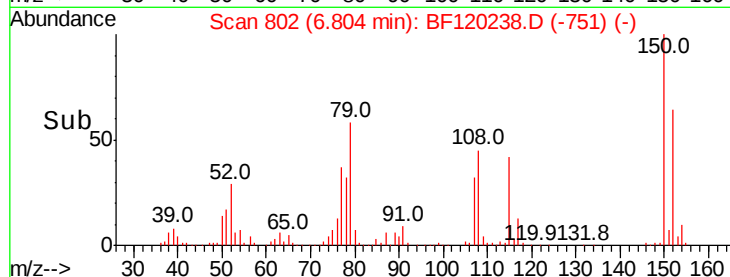
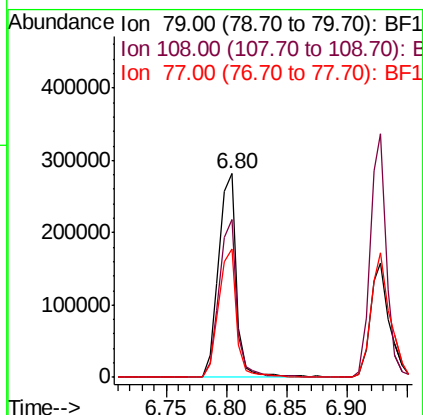
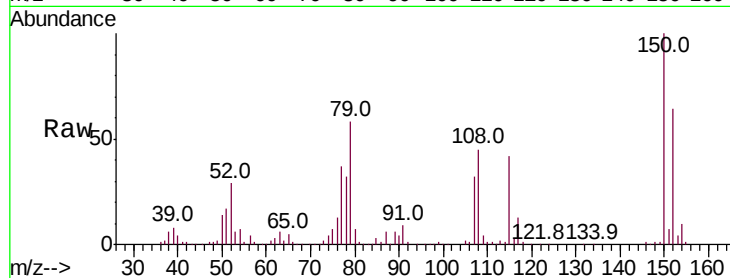
Tot Ion: 79 Resp: 288788

Ion Ratio Lower Upper

79 100

108 77.6 60.6 90.8

77 63.0 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.862 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

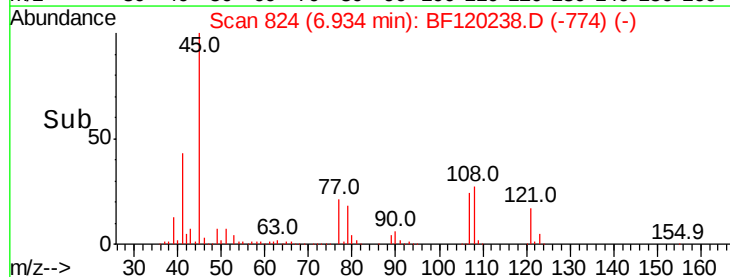
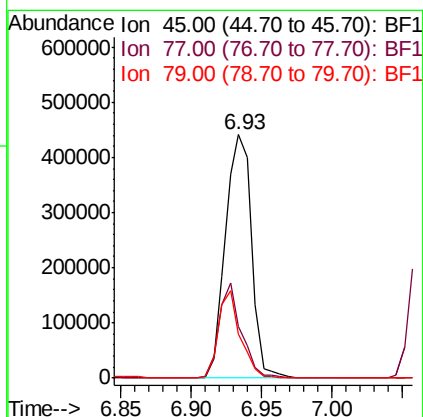
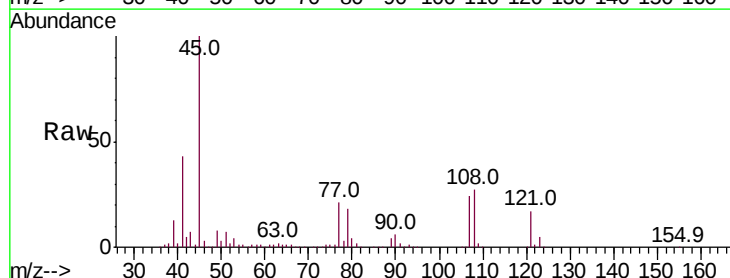
Tgt Ion: 45 Resp: 565317

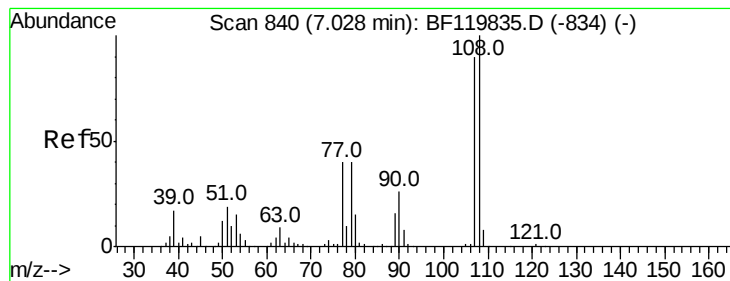
Ion Ratio Lower Upper

45 100

77 21.0 0.0 30.7

79 18.1 0.0 28.2

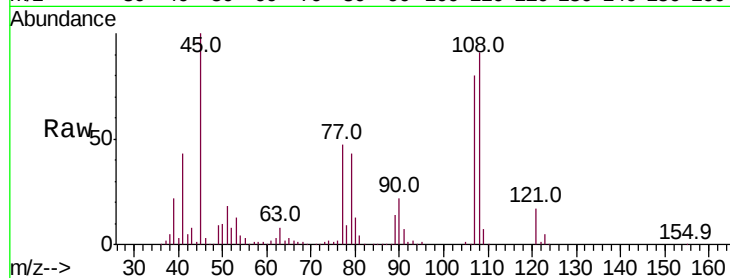




#17
2-Methylphenol
Concen: 49.365 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.2	138.4
77	58.3	36.6	54.8#
79	53.4	36.2	54.4



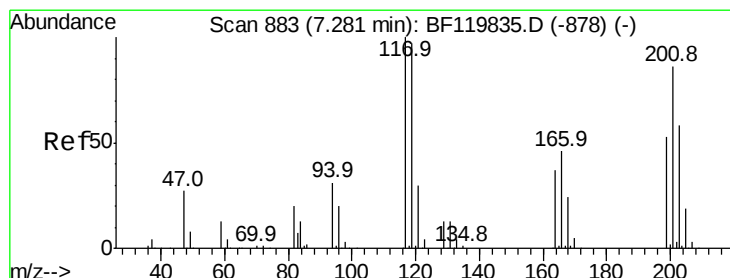
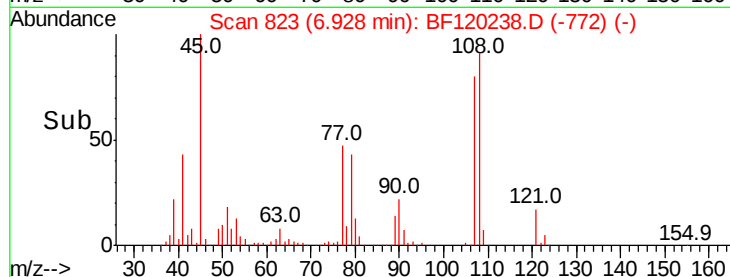
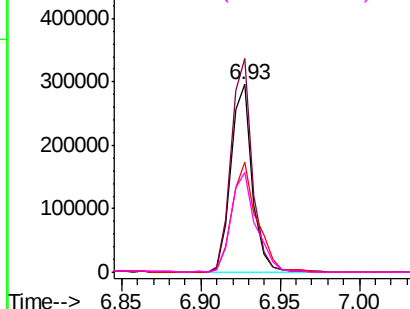
Abundance

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: 52.305 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

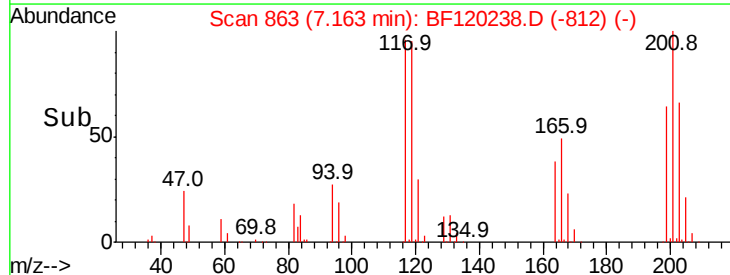
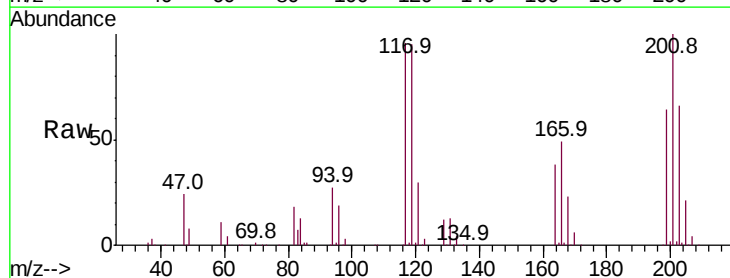
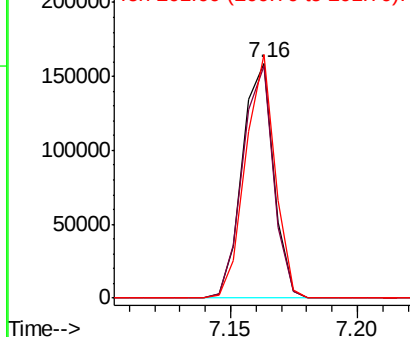
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.1	114.1
201	103.7	73.0	109.6

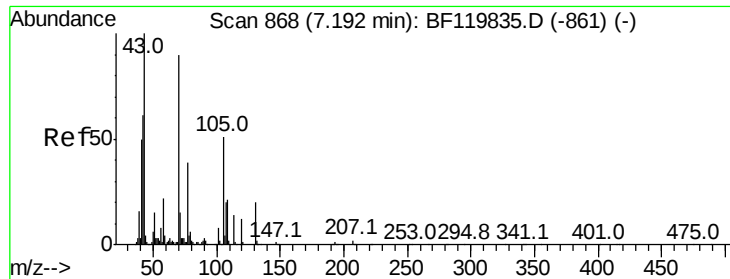
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

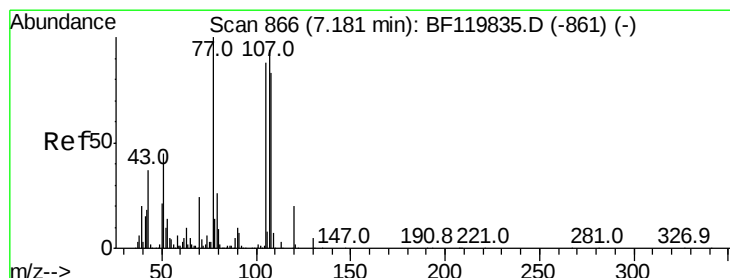
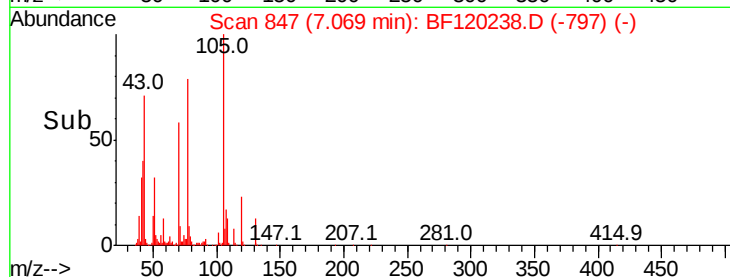
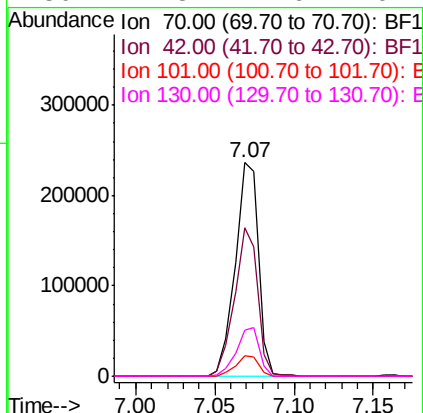
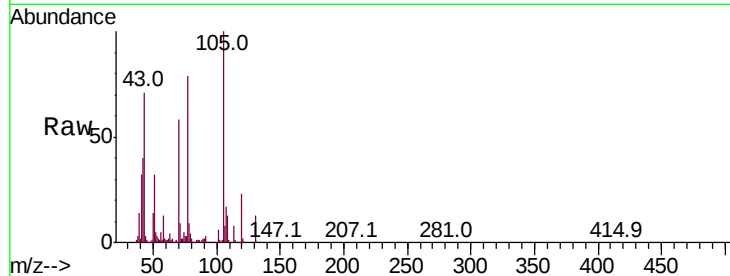




#19
n-Nitroso-di-n-propylamine
Concen: 51.678 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

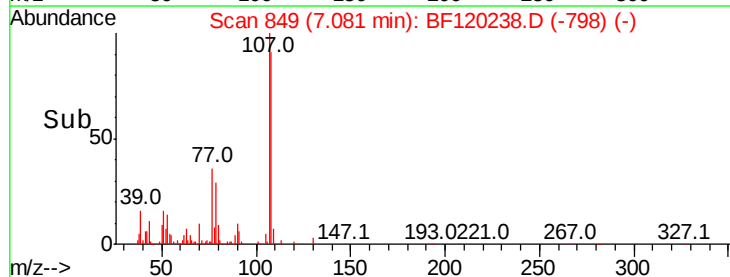
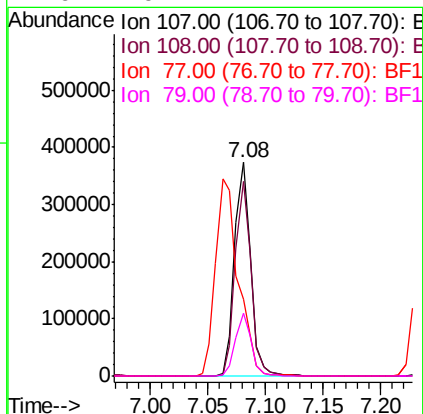
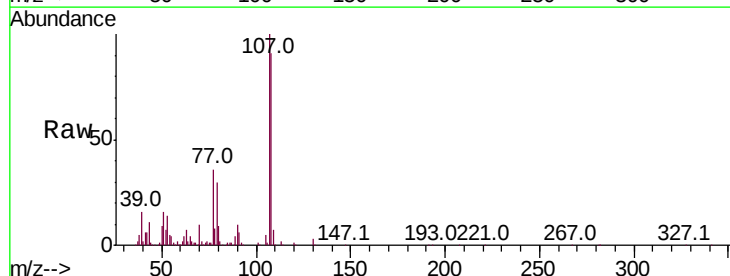
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

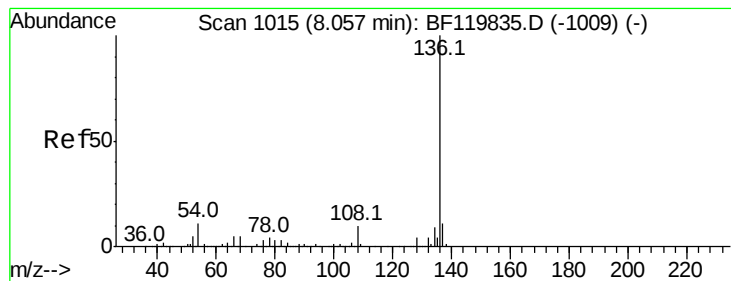
Tot Ion:	70	Resp:	240313
Ion	Ratio	Lower	Upper
70	100		
42	69.4	54.5	81.7
101	9.7	7.6	11.4
130	21.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 53.261 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:	107	Resp:	364518
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.9	107.9
77	36.0	52.9	92.9
79	29.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

Tot Ion:136 Resp: 373596

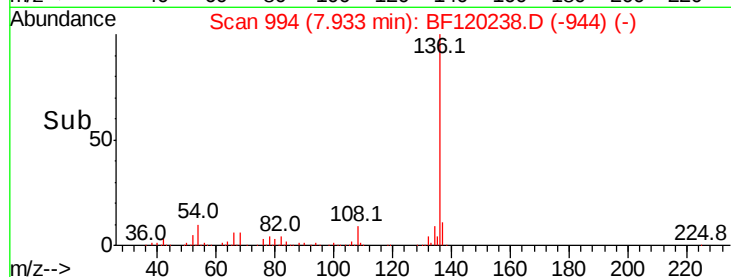
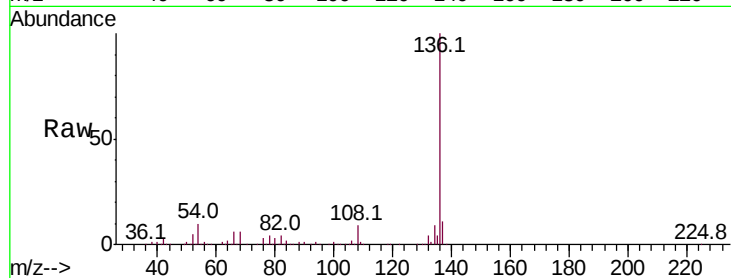
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.5 9.1 13.7

68 5.7 4.6 6.8



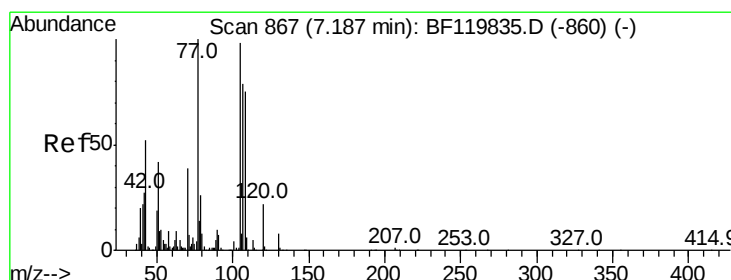
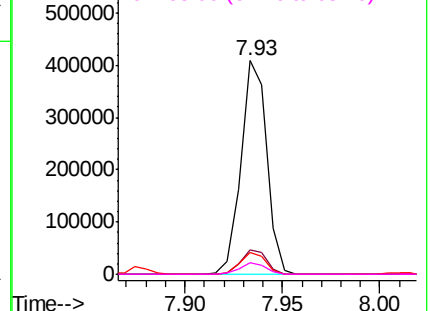
Abundance

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: 54.456 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Tgt Ion:105 Resp: 476407

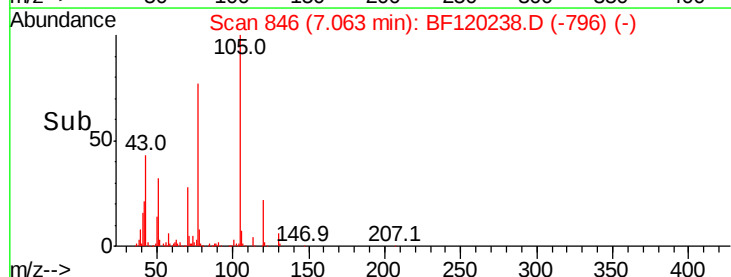
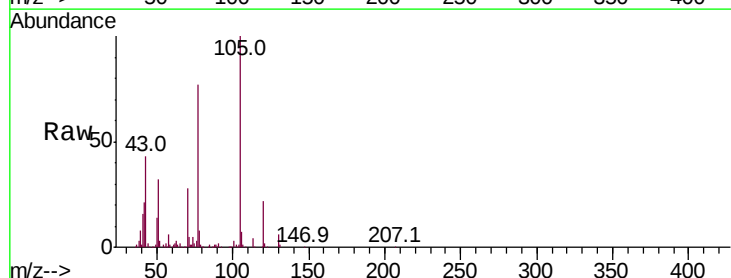
Ion Ratio Lower Upper

105 100

71 4.7 5.7 8.5#

51 31.9 26.2 39.4

120 22.4 18.3 27.5



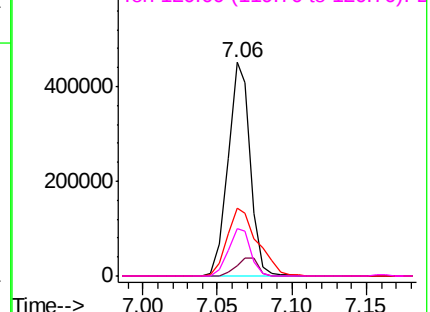
Abundance

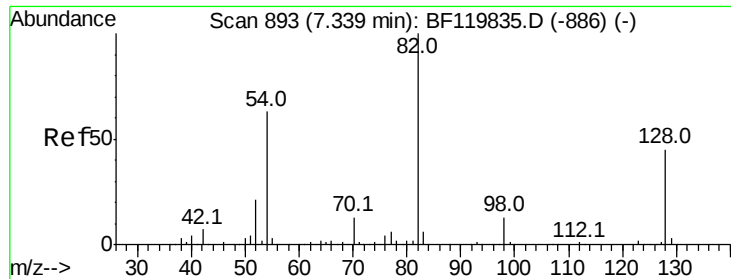
Ion 105.00 (104.70 to 105.70): E

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

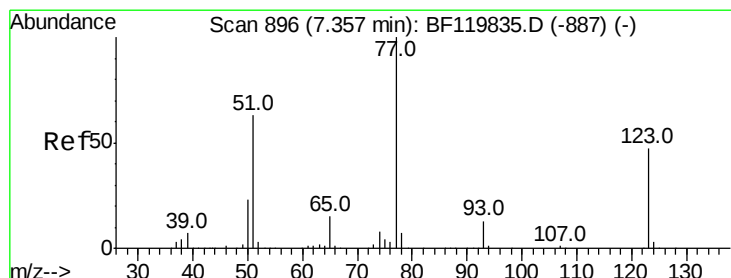
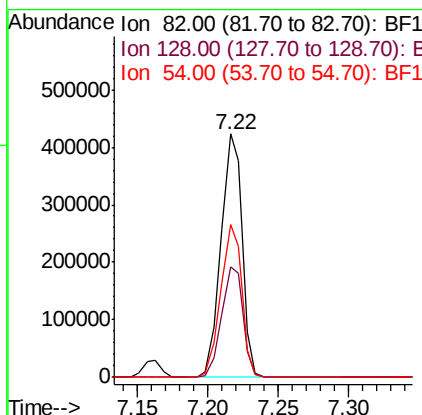
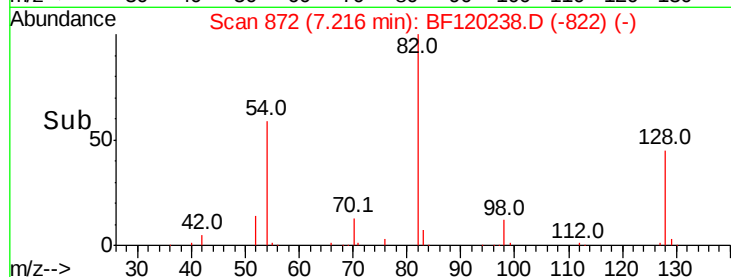
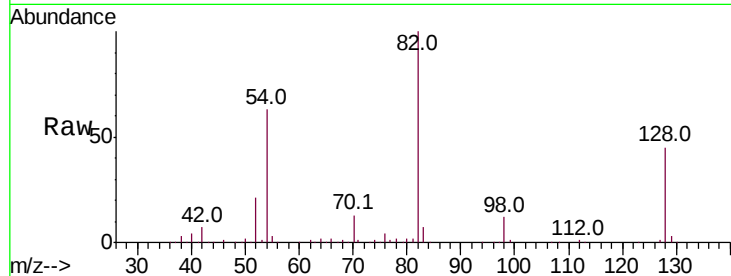




#23
 Nitrobenzene-d5
 Concen: 60.947 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

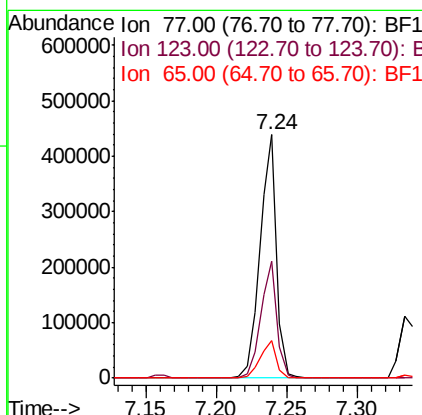
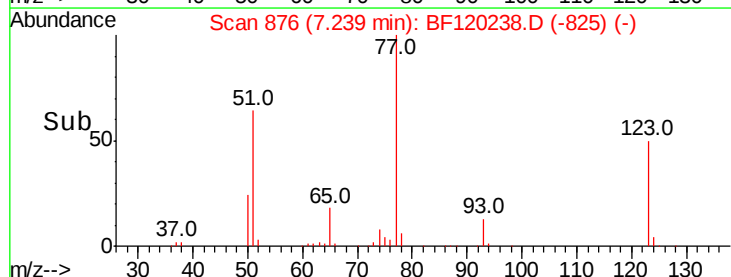
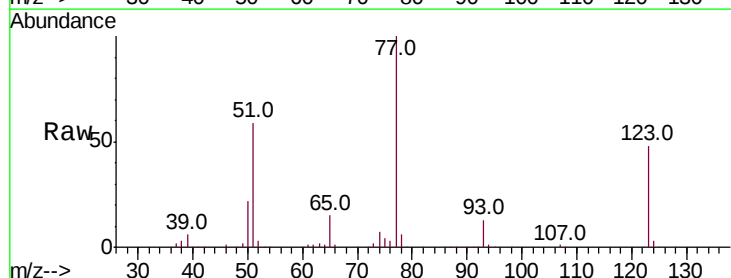
Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion: 82 Resp: 440131
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.3 54.5
 54 62.9 50.6 75.8



#24
 Nitrobenzene
 Concen: 49.877 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion: 77 Resp: 362340
 Ion Ratio Lower Upper
 77 100
 123 48.1 38.0 57.0
 65 15.5 12.6 18.8





#25

Isophorone

Concen: 47.030 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

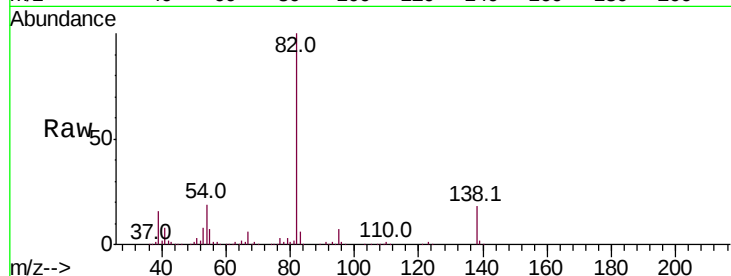
Tot Ion: 82 Resp: 654711

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

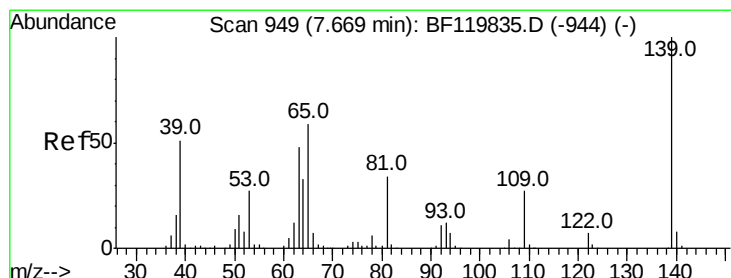
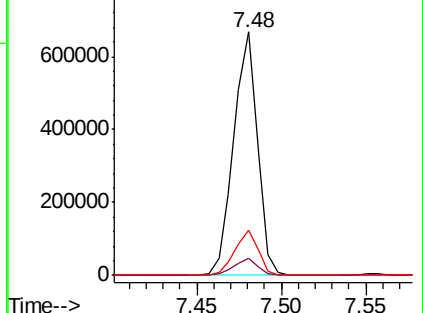
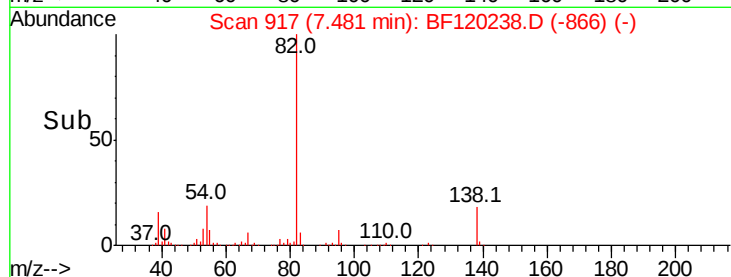
138 18.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.579 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

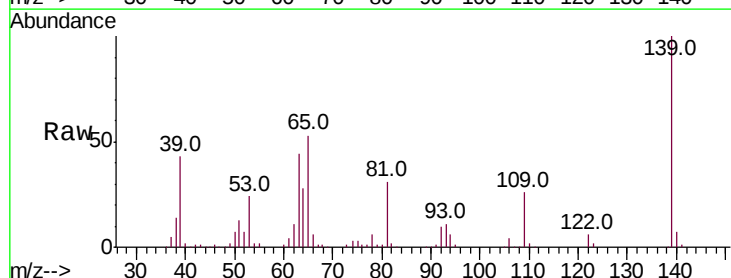
Tgt Ion: 139 Resp: 187199

Ion Ratio Lower Upper

139 100

109 25.6 22.1 33.1

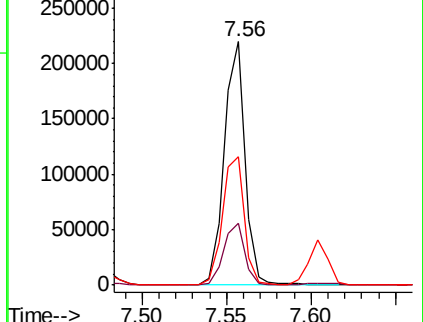
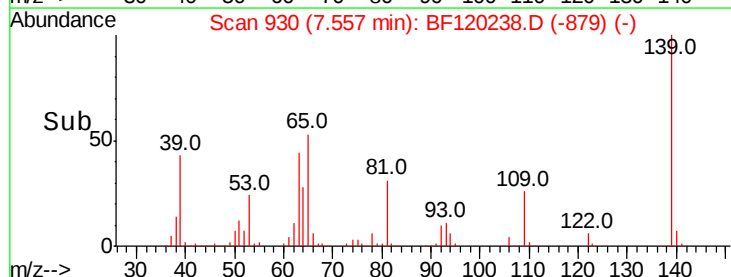
65 52.8 49.2 73.8

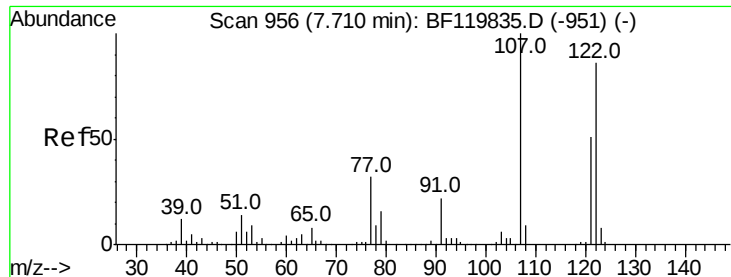


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.252 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

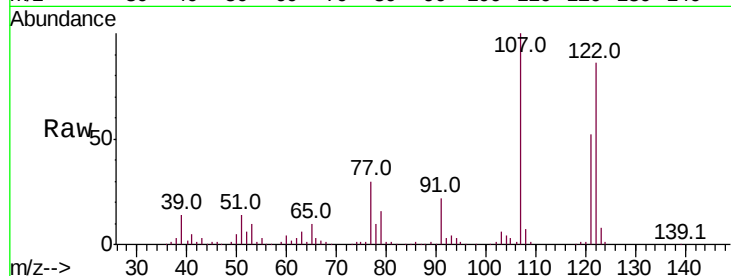
Tot Ion:122 Resp: 291494

Ion Ratio Lower Upper

122 100

107 116.0 89.0 133.6

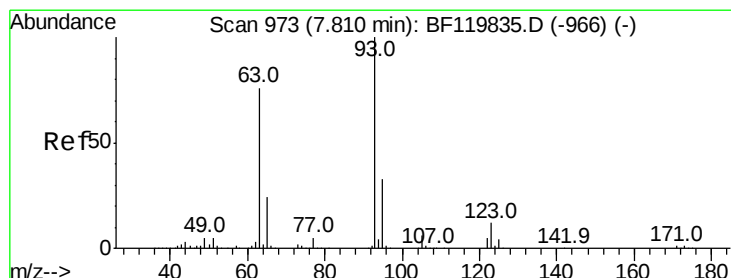
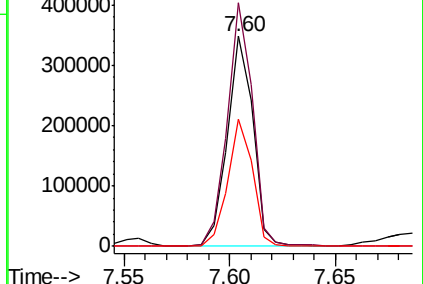
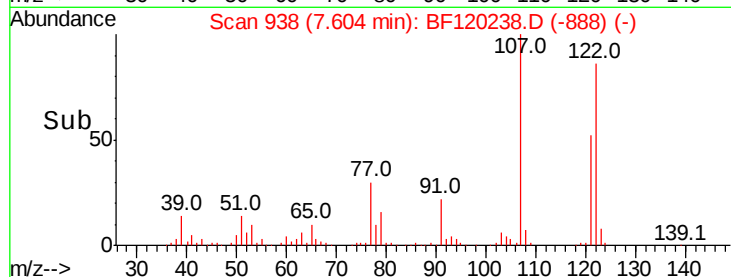
121 60.7 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.909 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

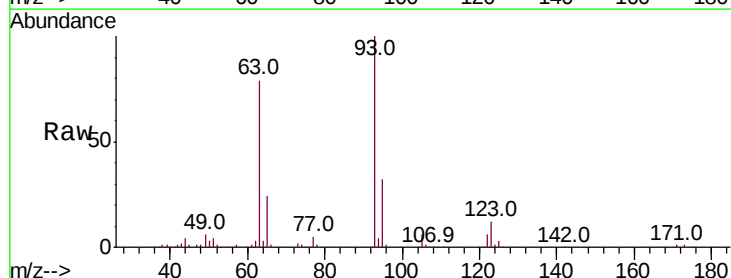
Tgt Ion: 93 Resp: 417027

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

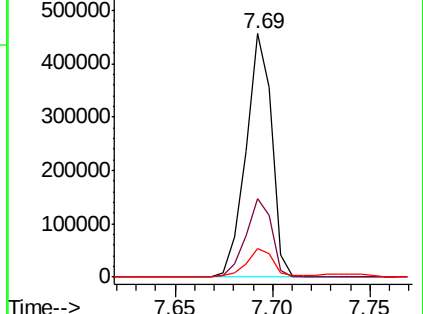
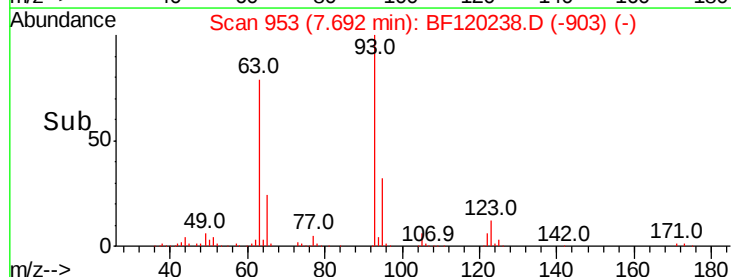
123 11.8 9.7 14.5

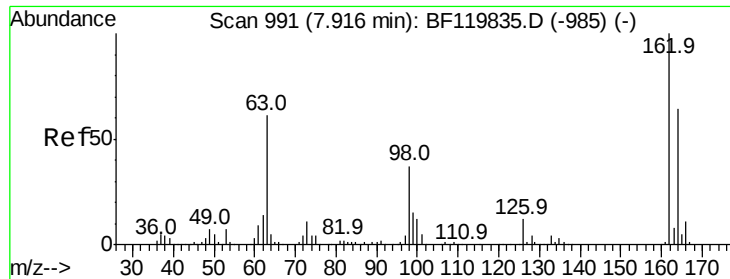


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

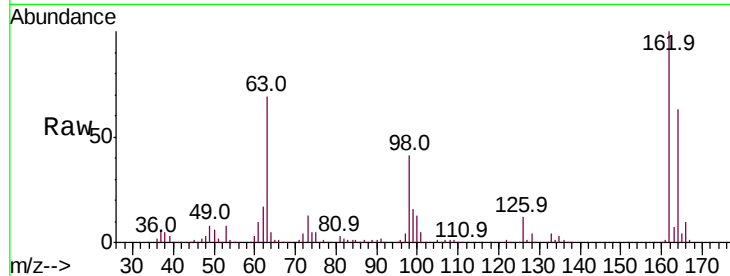




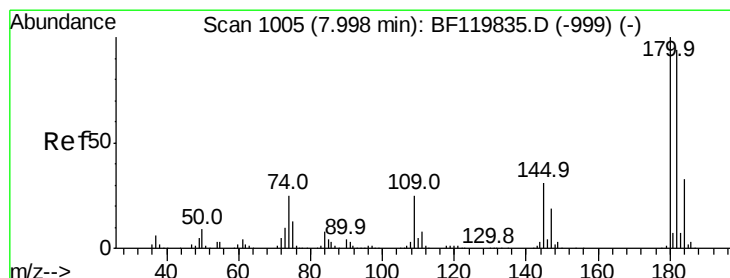
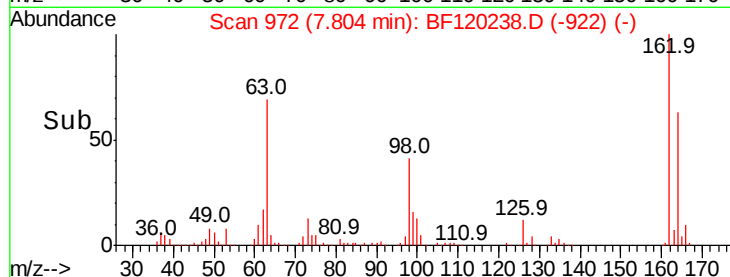
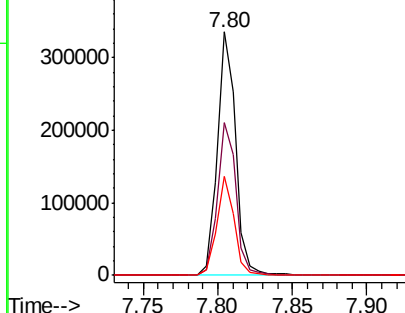
#29
 2,4-Dichlorophenol
 Concen: 51.231 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:162 Resp: 287449
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.7 84.7
 98 40.8 20.7 60.7

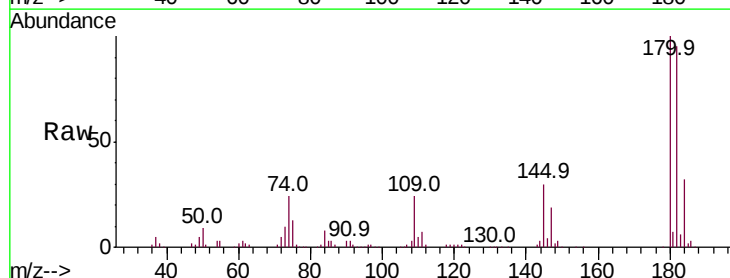


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

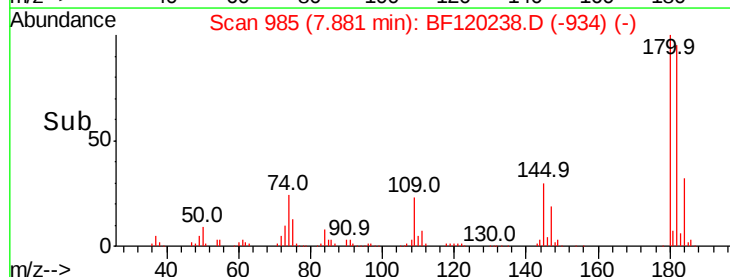
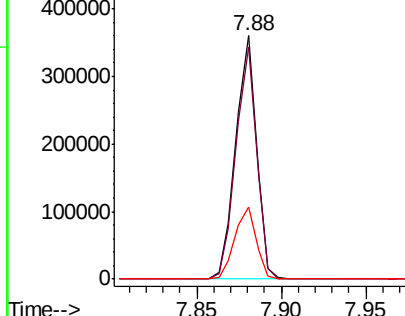


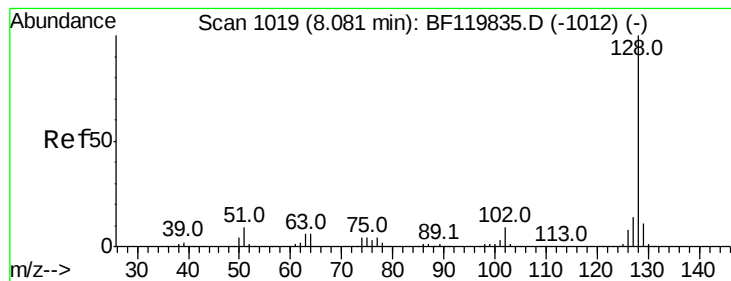
#30
 1,2,4-Trichlorobenzene
 Concen: 48.550 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:180 Resp: 308656
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.7 112.1
 145 29.6 24.5 36.7



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: 50.566 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

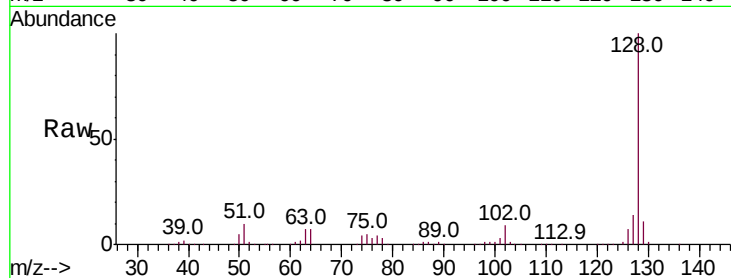
Tot Ion:128 Resp: 993919

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

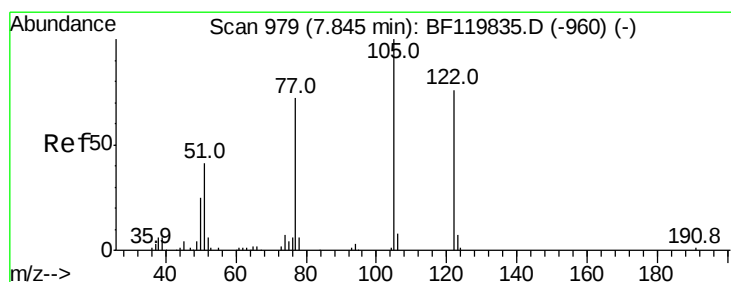
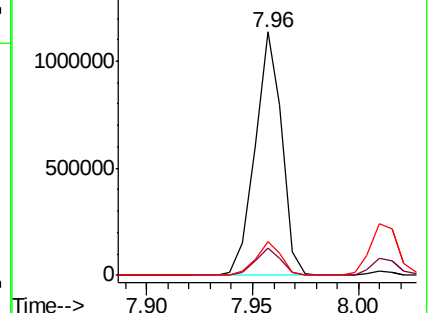
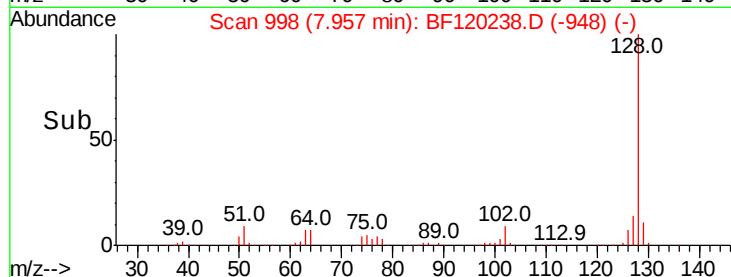
127 13.6 11.3 16.9



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: 43.483 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

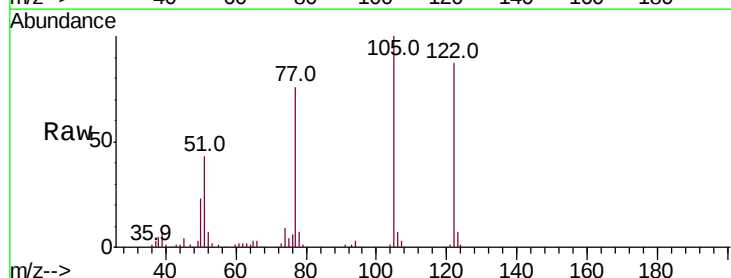
Tgt Ion:122 Resp: 209038

Ion Ratio Lower Upper

122 100

105 114.9 104.9 144.9

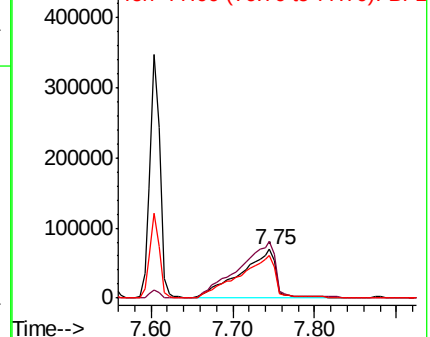
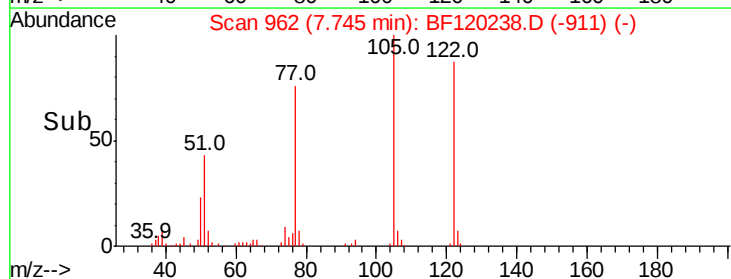
77 87.6 74.4 114.4

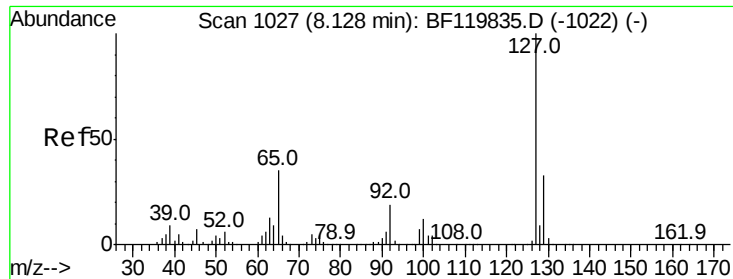


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

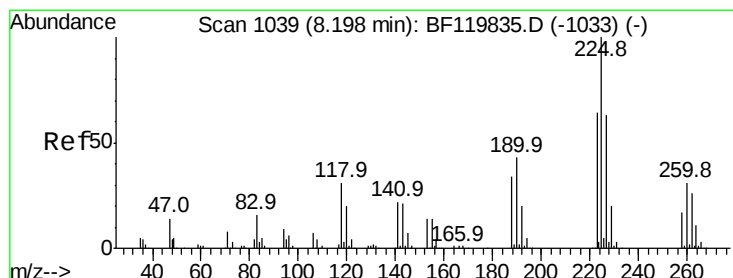
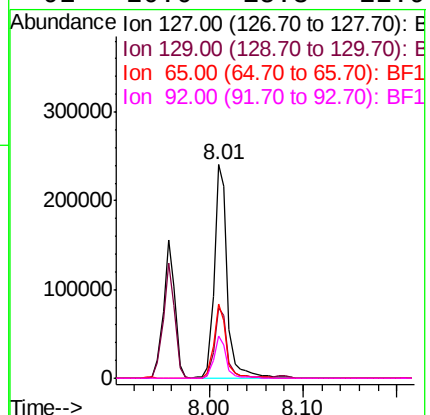
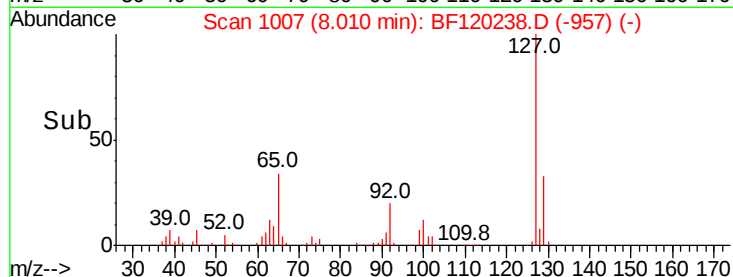
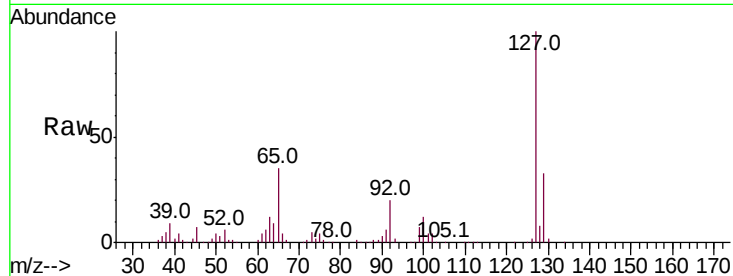




#33
4-Chloroaniline
Concen: 27.875 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

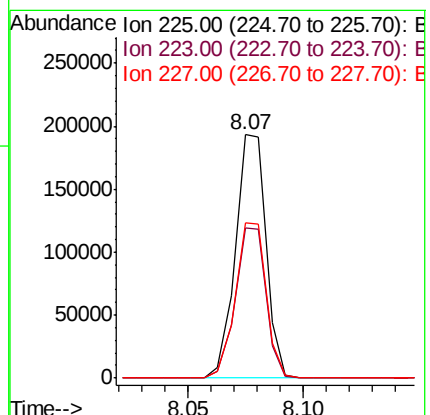
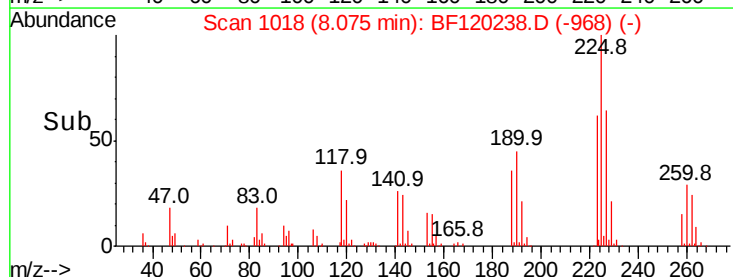
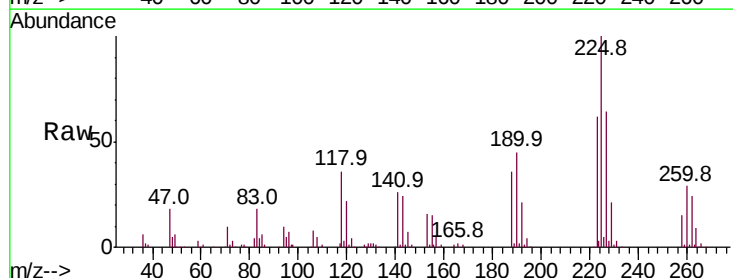
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

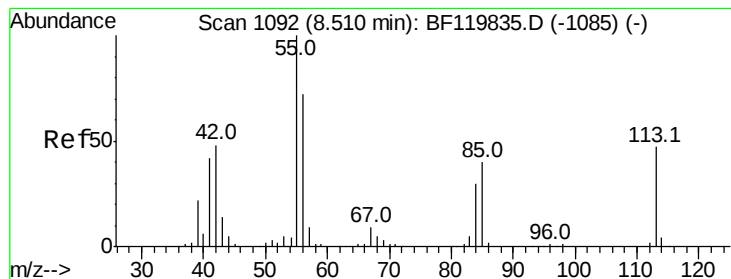
Tot Ion:	127	Resp:	238525
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.4
65	34.6	27.4	41.0
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 46.970 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:	225	Resp:	178752
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	63.8	50.7	76.1





#35

Caprolactam

Concen: 28.756 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

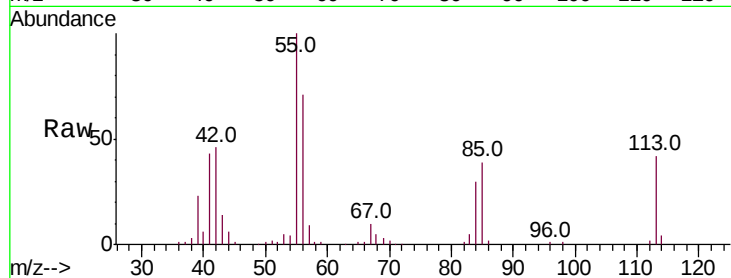
Tot Ion:113 Resp: 49355

Ion Ratio Lower Upper

113 100

55 239.3 218.4 258.4

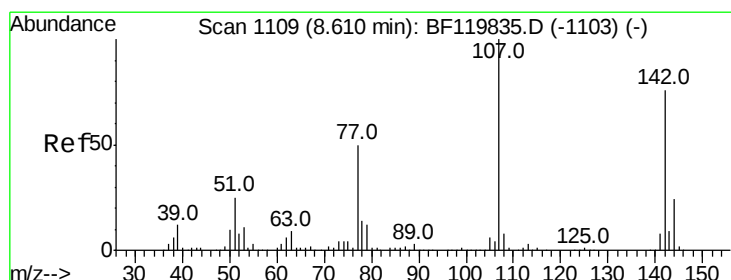
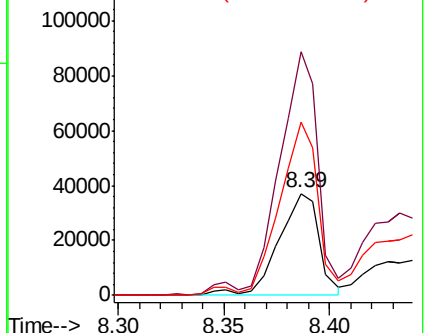
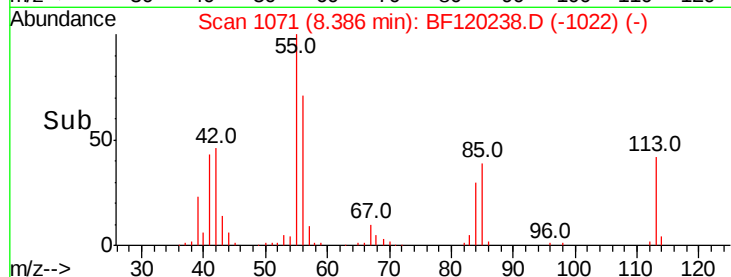
56 169.9 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.786 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

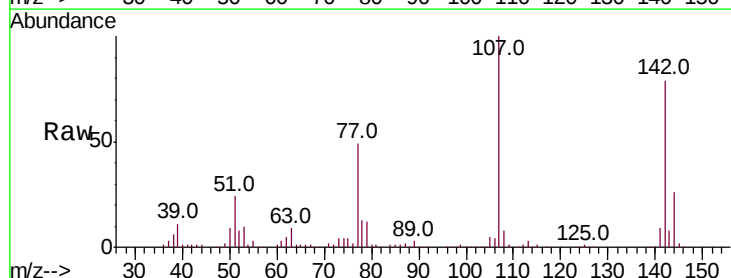
Tgt Ion:107 Resp: 308506

Ion Ratio Lower Upper

107 100

144 25.6 21.0 31.6

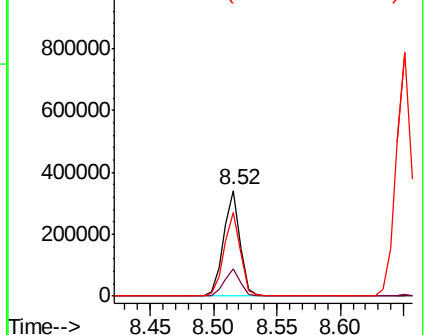
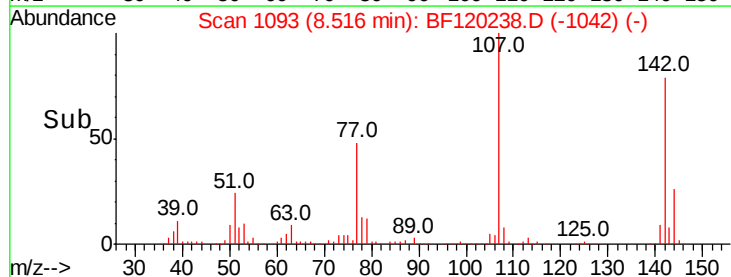
142 78.8 64.4 96.6

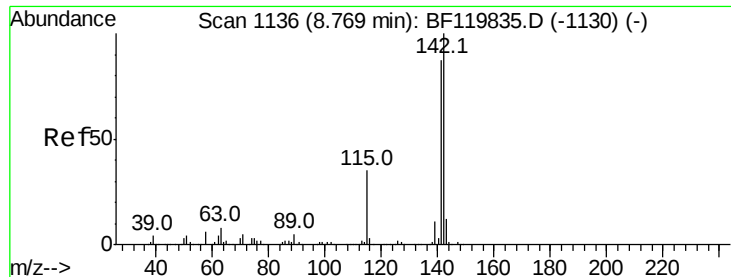


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

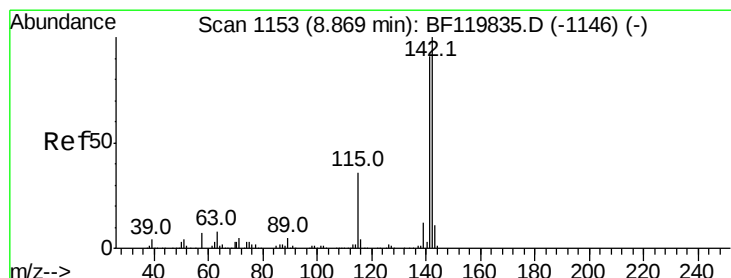
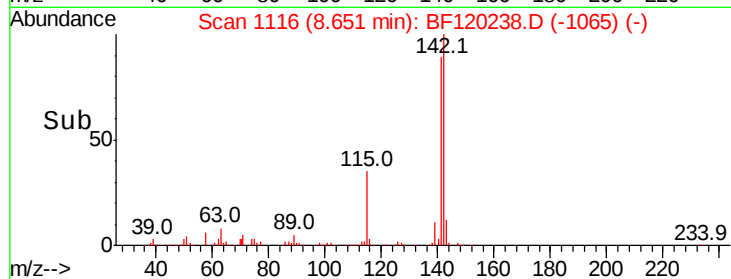
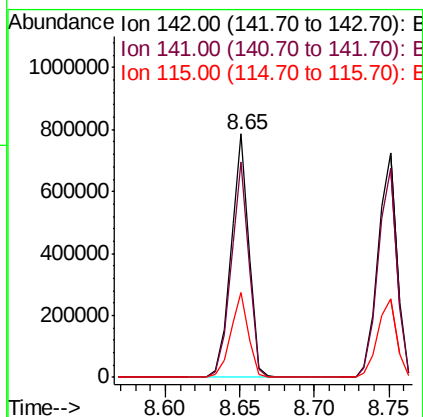
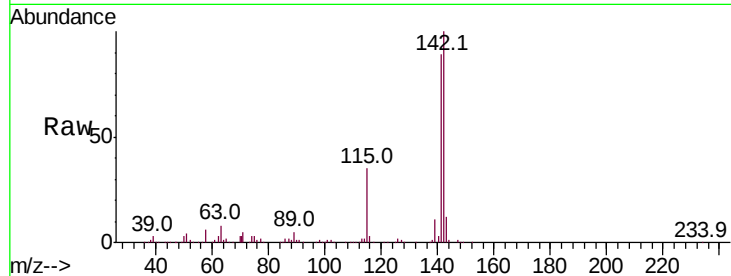




#37
2-Methylnaphthalene
Concen: 49.814 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

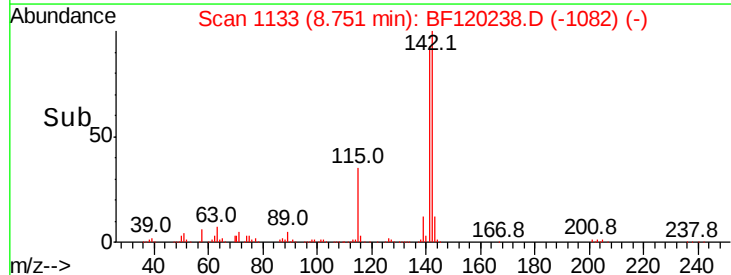
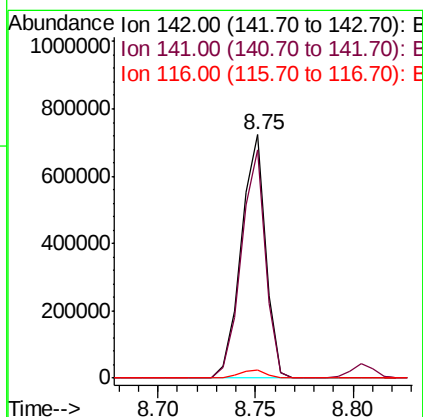
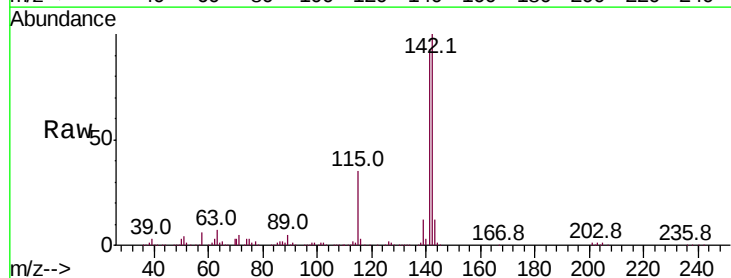
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

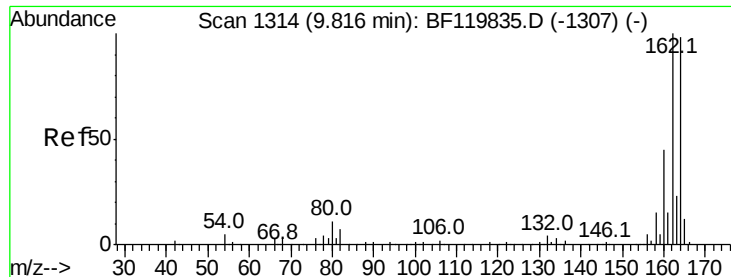
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	34.7	27.9	41.9



#38
1-Methylnaphthalene
Concen: 49.875 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.7	110.5
116	3.4	3.0	4.6

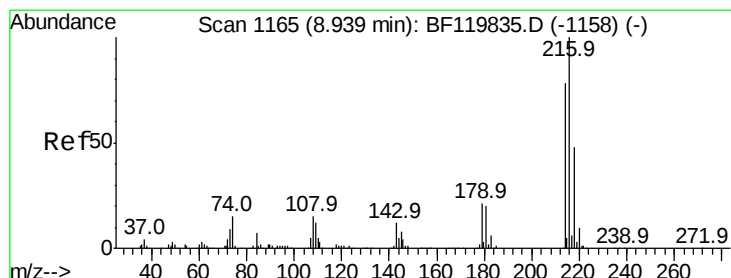
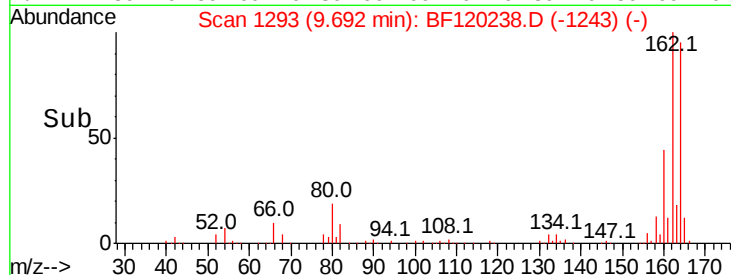
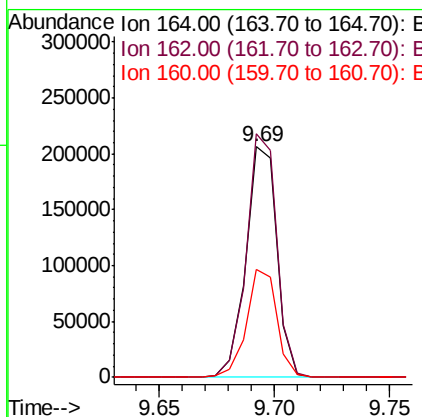
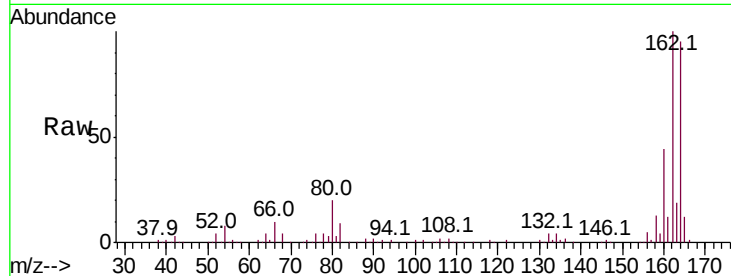




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

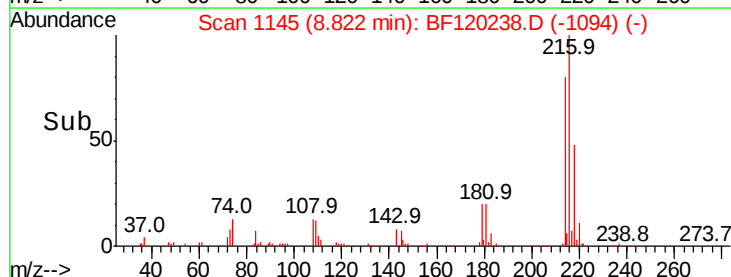
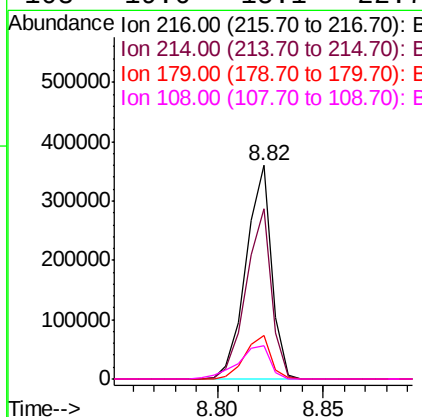
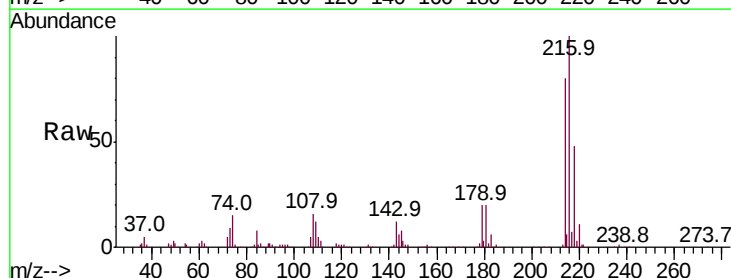
Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

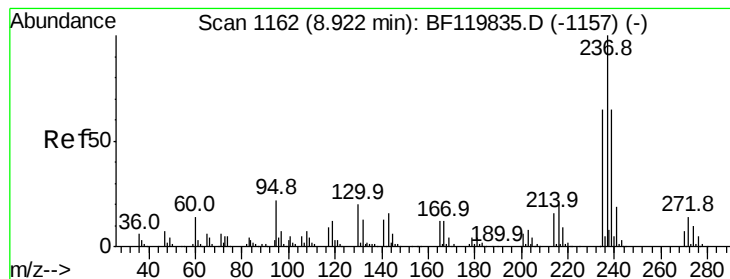
Tot Ion:164 Resp: 194301
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.6 121.0
 160 46.7 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.329 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:216 Resp: 302725
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.2 94.8
 179 20.7 17.1 25.7
 108 19.6 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 78.074 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

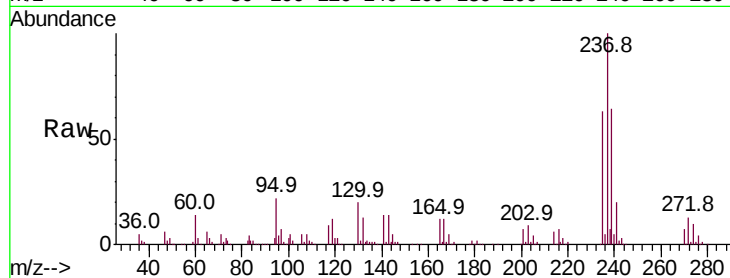
Tot Ion:237 Resp: 272451

Ion Ratio Lower Upper

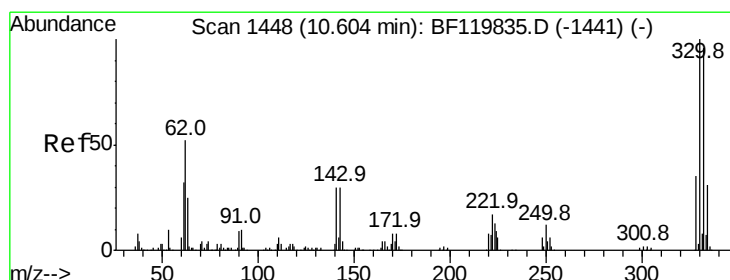
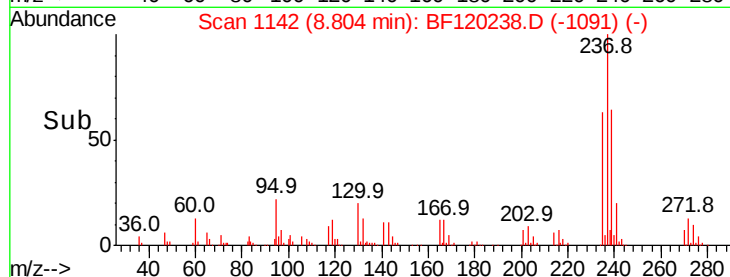
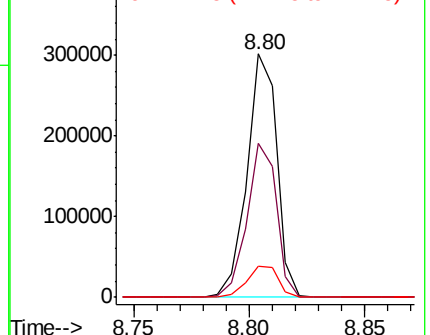
237 100

235 63.1 43.2 83.2

272 12.6 0.0 34.1



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: 81.879 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

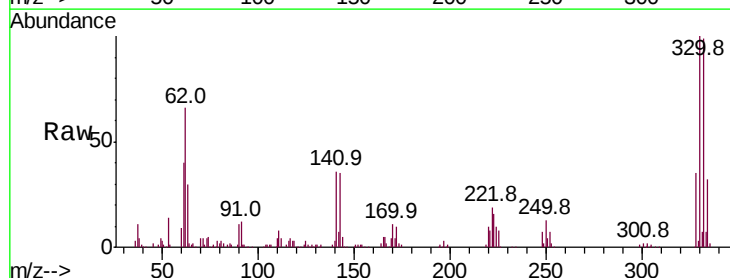
Tgt Ion:330 Resp: 194783

Ion Ratio Lower Upper

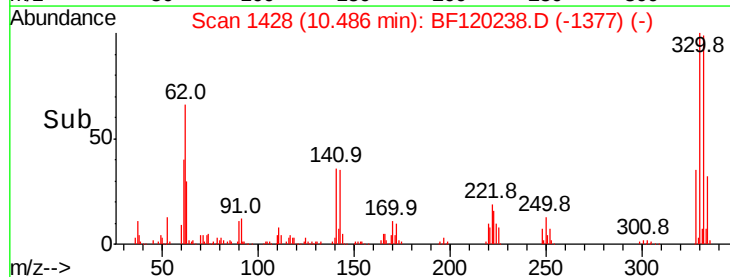
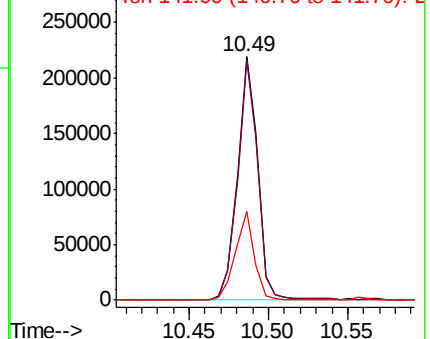
330 100

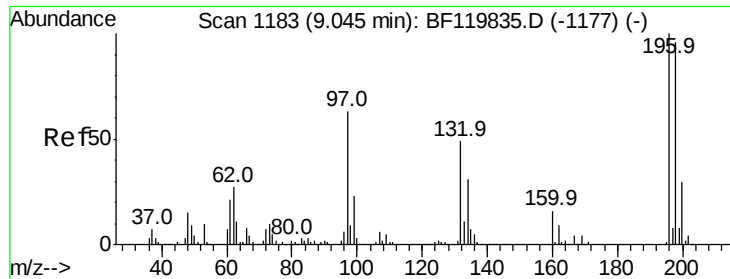
332 98.5 75.7 113.5

141 34.4 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

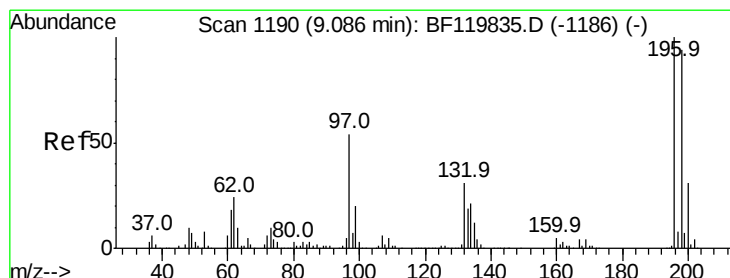
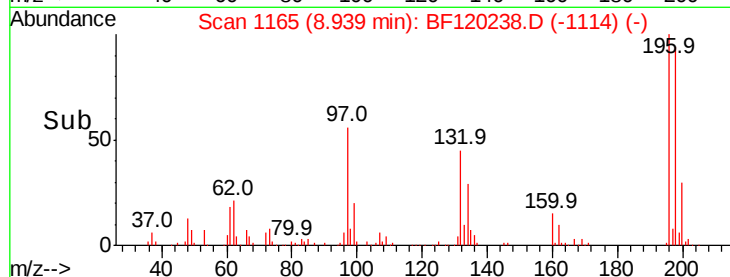
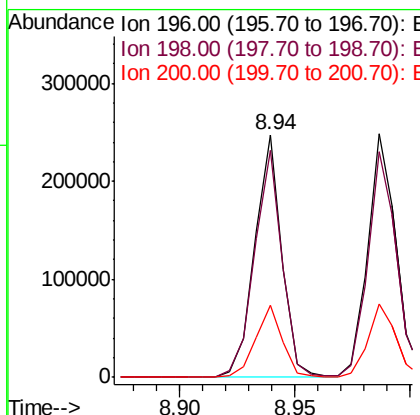
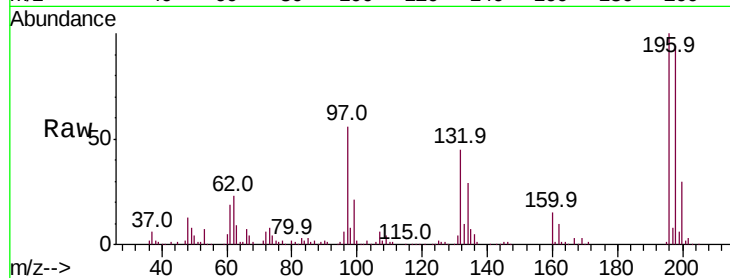




#43
 2,4,6-Trichlorophenol
 Concen: 47.886 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

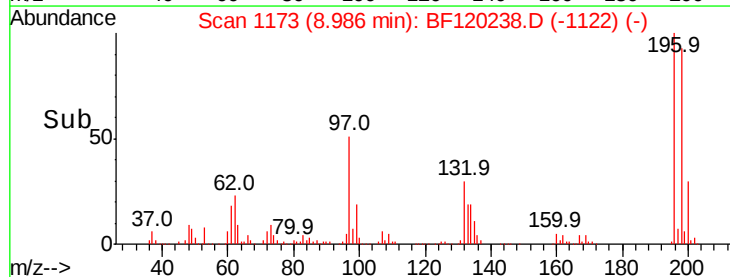
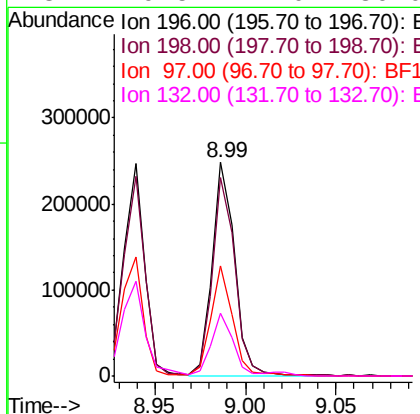
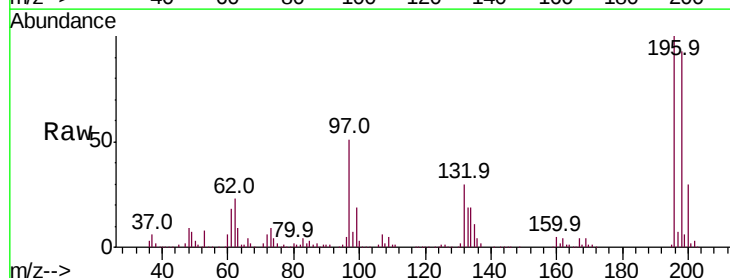
Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

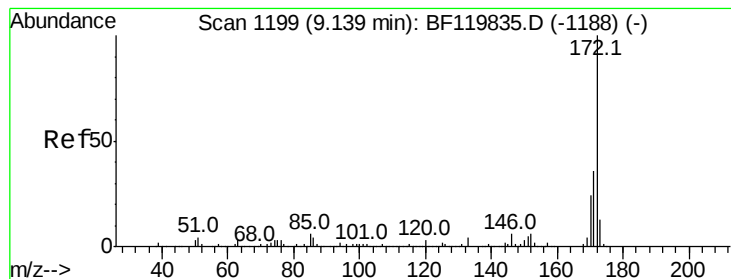
Tot Ion:196 Resp: 202930
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.6 115.0
 200 29.7 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.592 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:196 Resp: 212838
 Ion Ratio Lower Upper
 196 100
 198 92.7 73.8 110.8
 97 51.4 42.6 63.8
 132 29.5 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 64.890 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

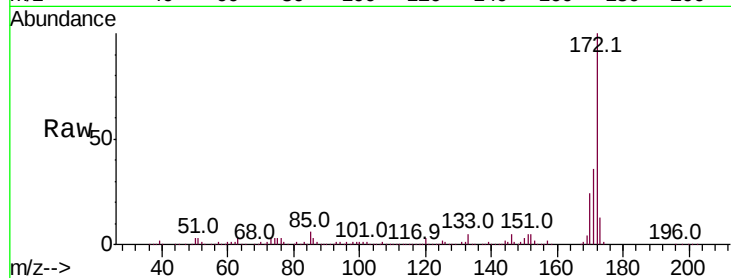
Tot Ion:172 Resp: 888032

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

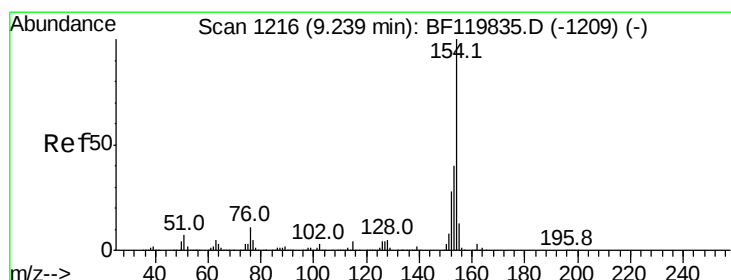
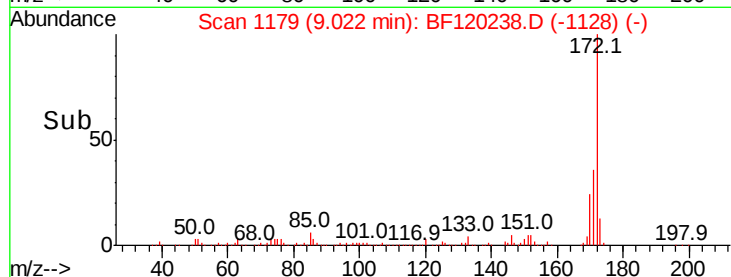
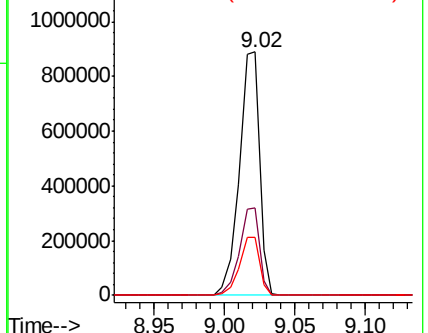
170 23.8 20.2 30.2



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: 49.299 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

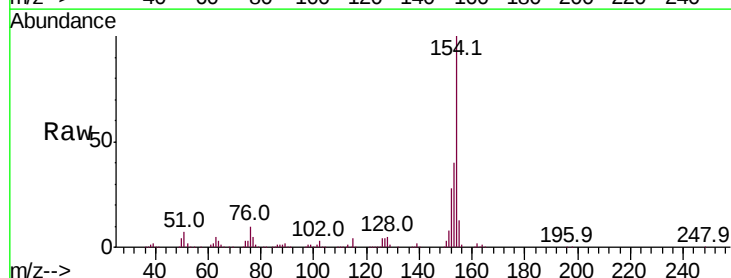
Tgt Ion:154 Resp: 808507

Ion Ratio Lower Upper

154 100

153 39.8 21.4 61.4

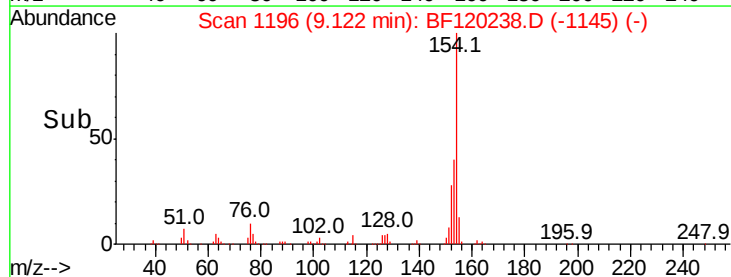
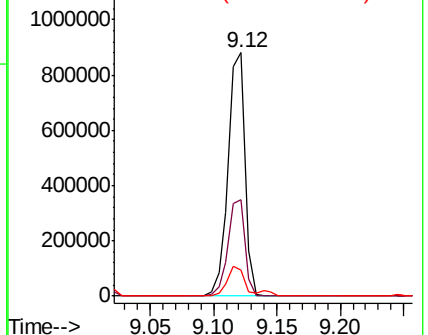
76 10.5 0.0 33.0

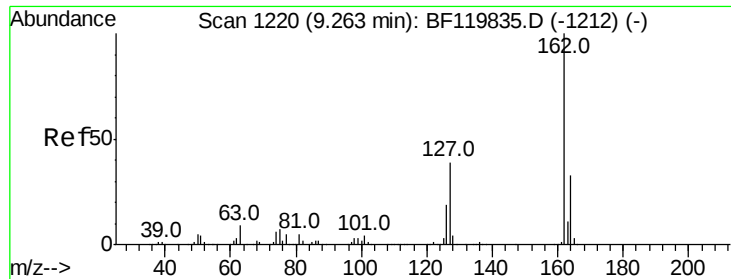


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

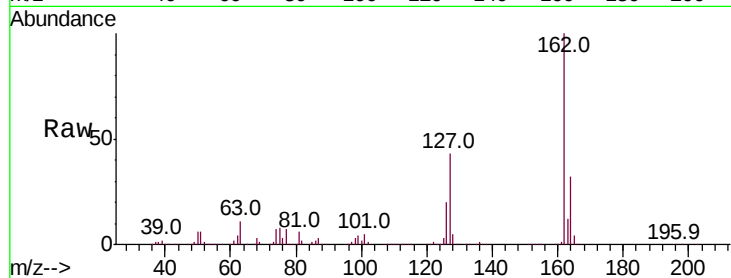




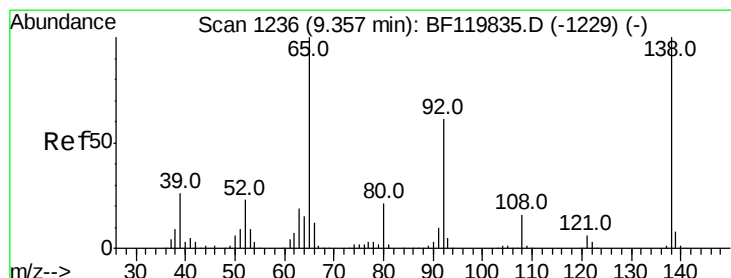
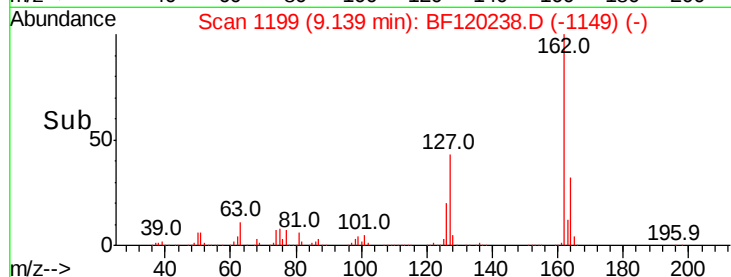
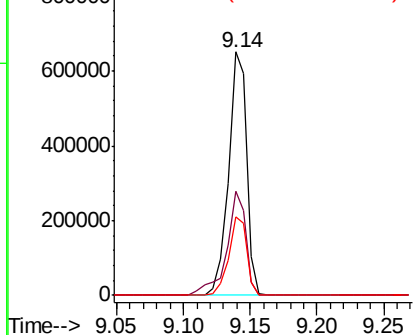
#47
 2-Chloronaphthalene
 Concen: 49.704 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:162 Resp: 627949
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.7 50.5
 164 32.4 26.3 39.5

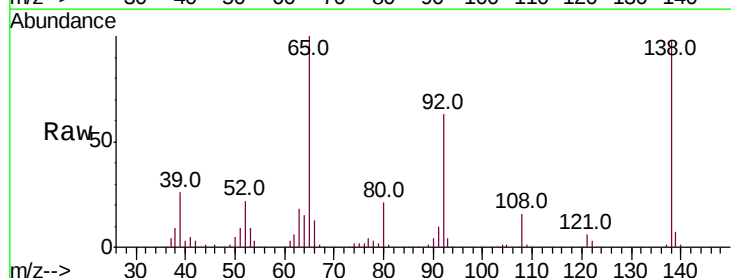


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

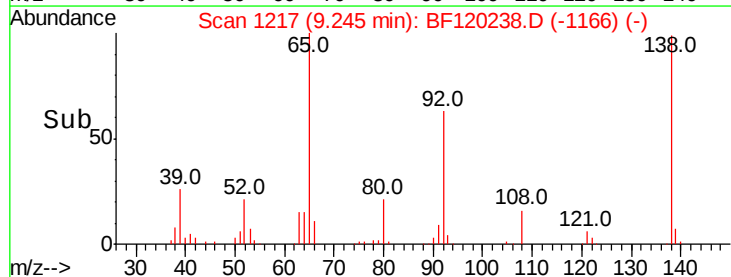
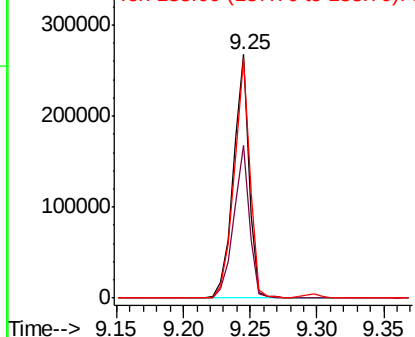


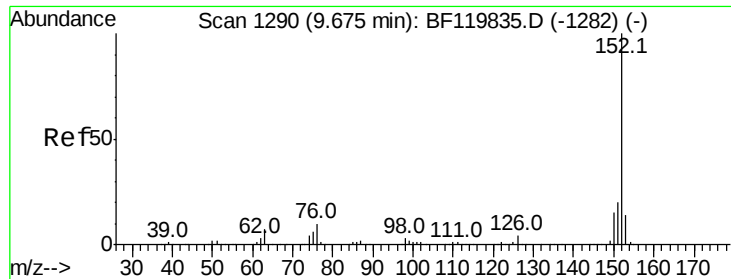
#48
 2-Nitroaniline
 Concen: 48.863 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion: 65 Resp: 223711
 Ion Ratio Lower Upper
 65 100
 92 62.7 50.0 75.0
 138 98.5 75.0 112.4



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: 51.217 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

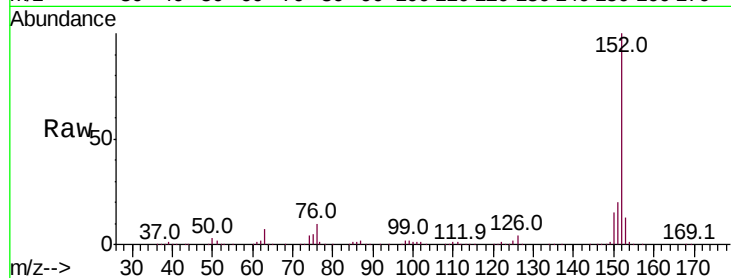
Tot Ion:152 Resp: 984056

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

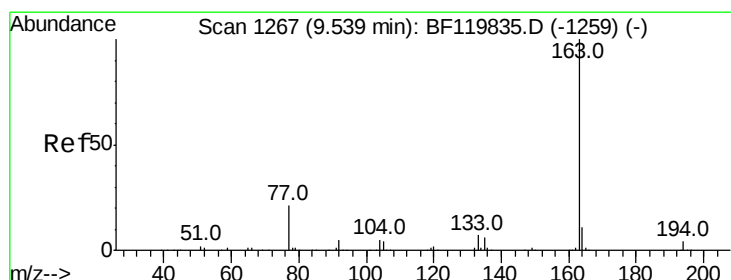
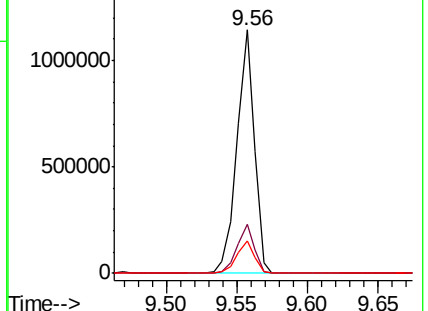
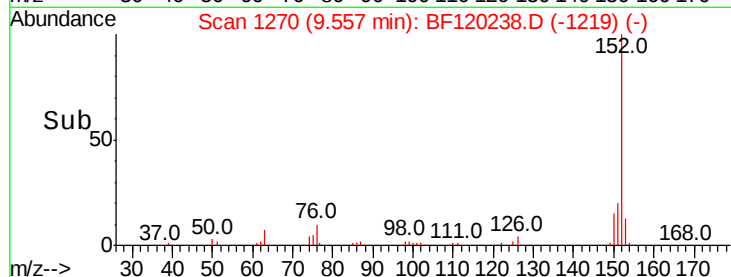
153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.500 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

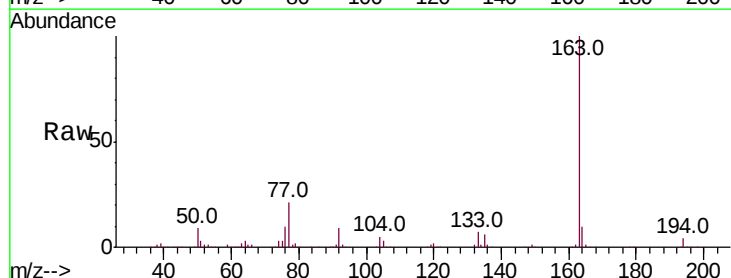
Tgt Ion:163 Resp: 789018

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

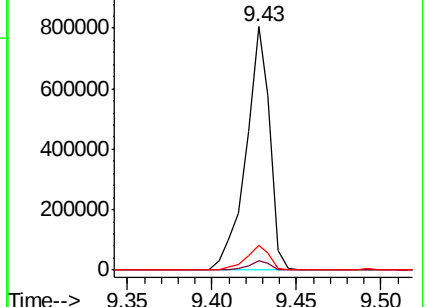
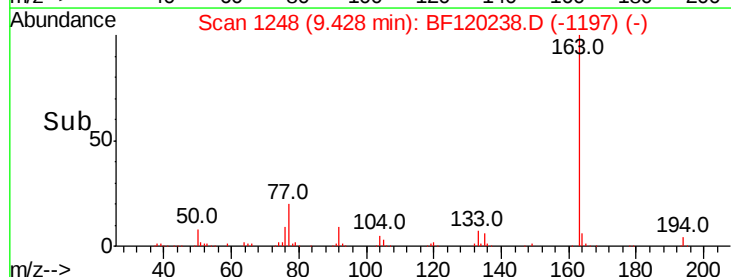
164 10.3 8.2 12.2

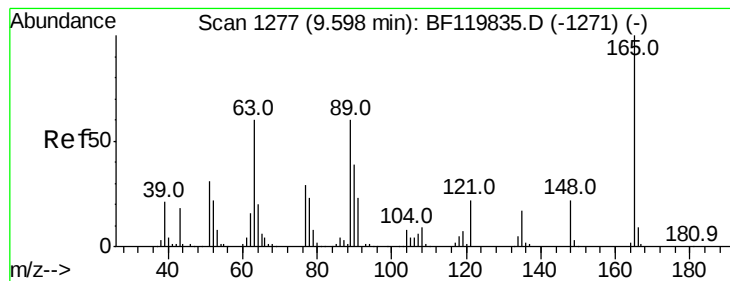


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.883 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

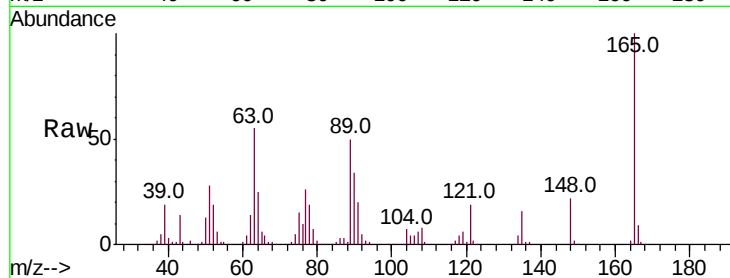
Tot Ion:165 Resp: 164169

Ion Ratio Lower Upper

165 100

63 55.4 45.0 67.4

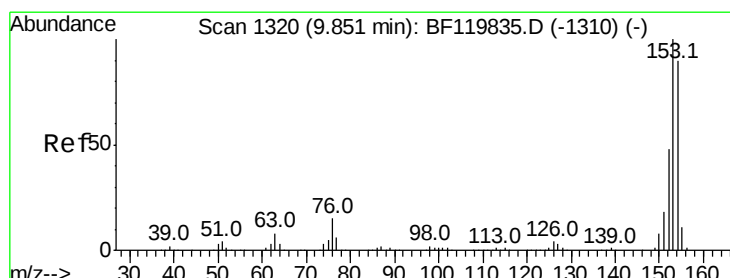
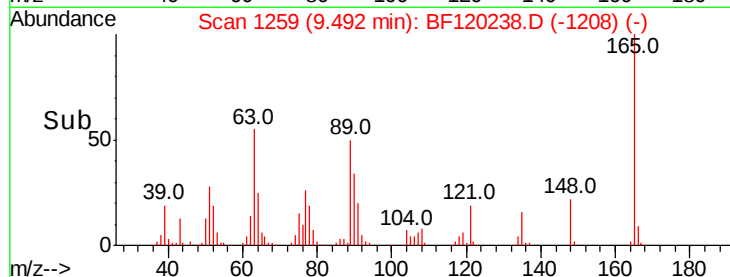
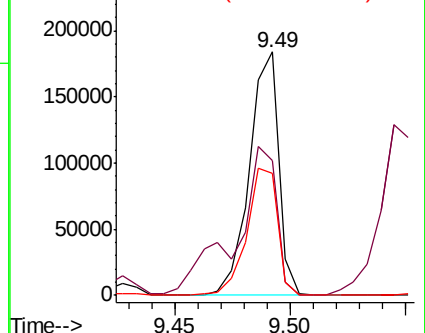
89 49.9 41.5 62.3



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: 45.920 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

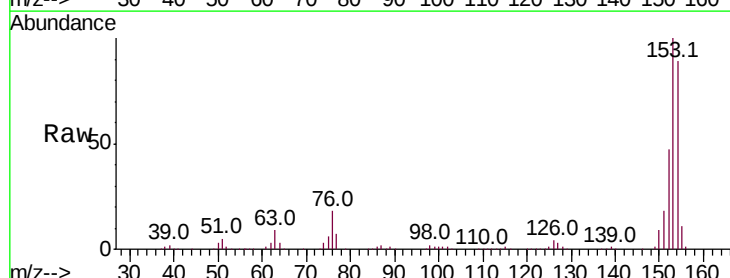
Tgt Ion:154 Resp: 588545

Ion Ratio Lower Upper

154 100

153 112.1 88.1 132.1

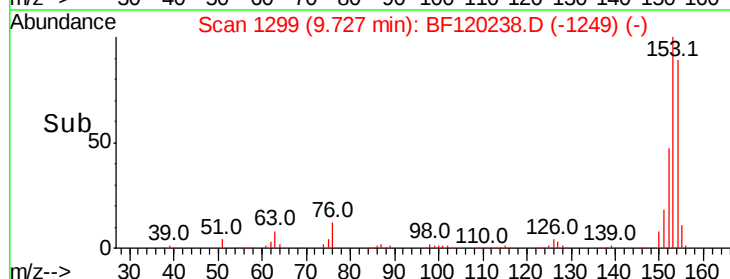
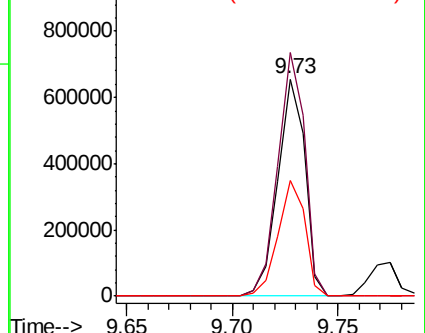
152 53.0 43.0 64.4

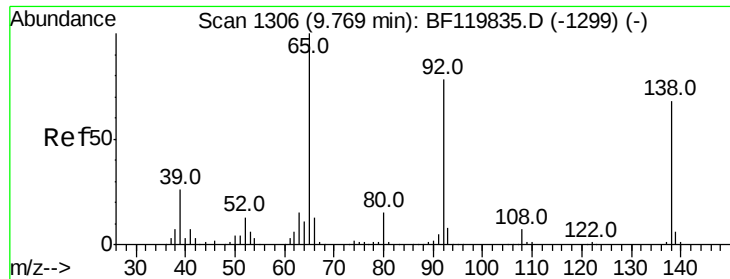


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

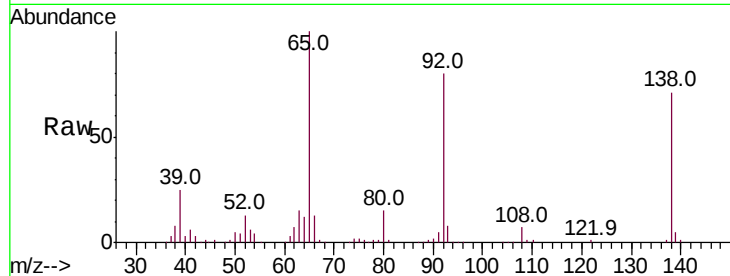




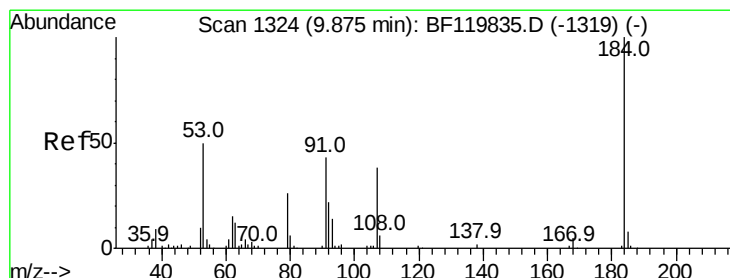
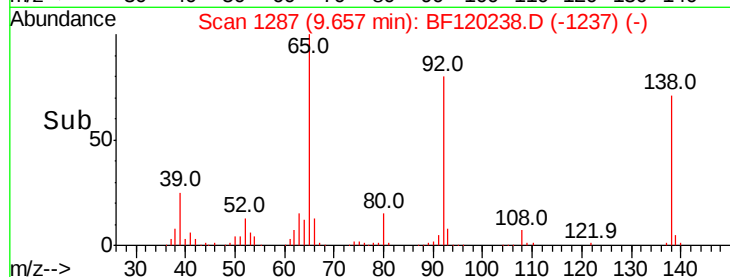
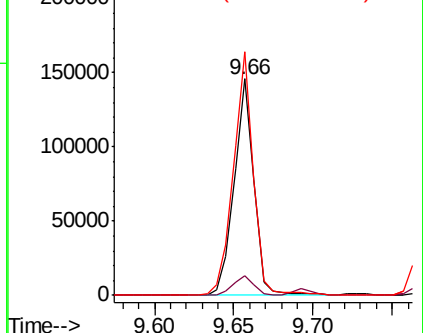
#53
 3-Nitroaniline
 Concen: 33.598 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:138 Resp: 126287
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.6 13.0
 92 112.4 95.4 143.0

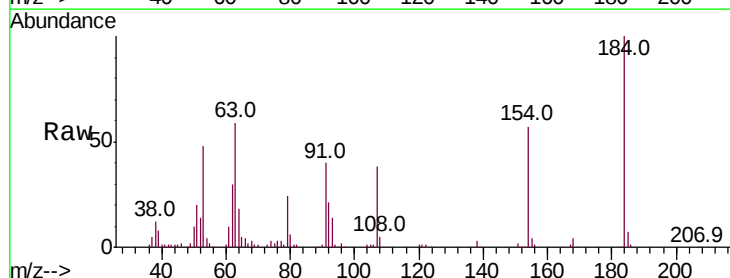


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

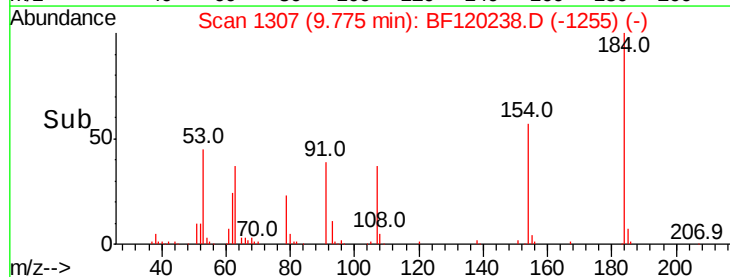
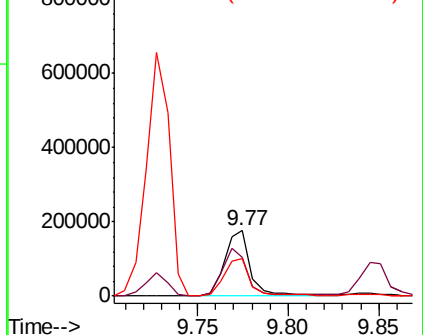


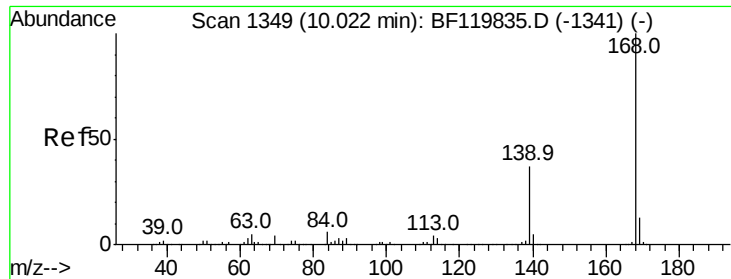
#54
 2,4-Dinitrophenol
 Concen: 90.421 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:184 Resp: 178163
 Ion Ratio Lower Upper
 184 100
 63 59.5 50.2 75.4
 154 57.4 44.5 66.7



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

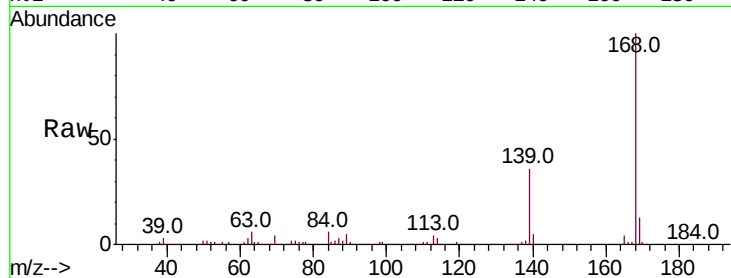




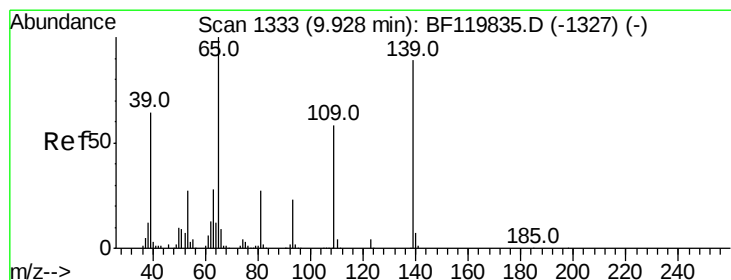
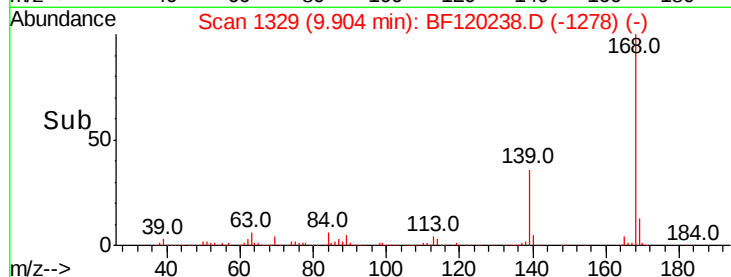
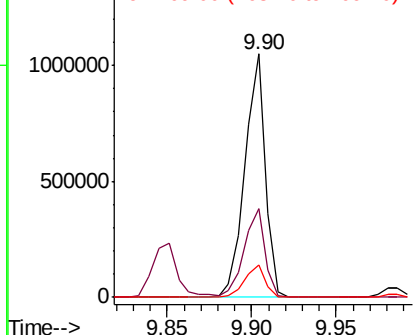
#55
Dibenzofuran
Concen: 50.448 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Tot Ion:168 Resp: 887265
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1
169 13.2 11.0 16.6

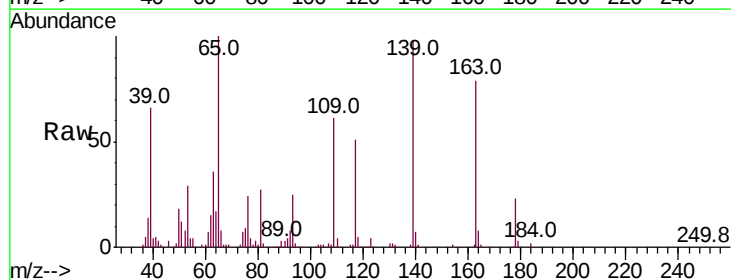


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

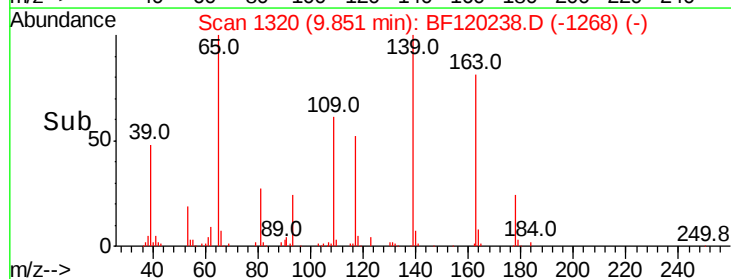
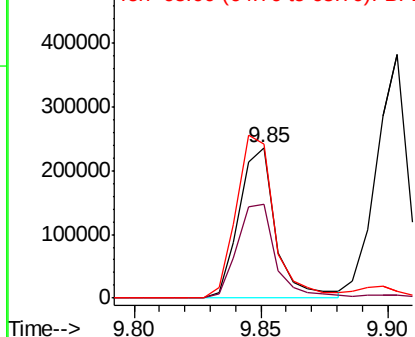


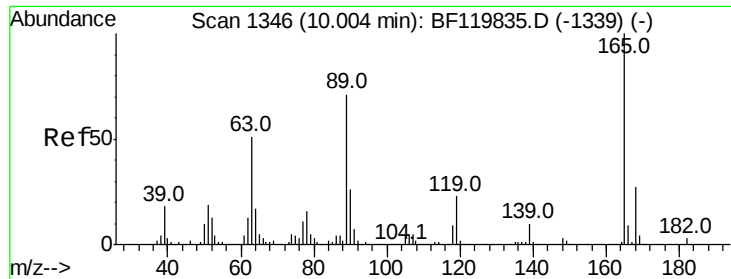
#56
4-Nitrophenol
Concen: 85.700 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:139 Resp: 239675
Ion Ratio Lower Upper
139 100
109 62.0 43.3 83.3
65 102.4 91.0 131.0



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

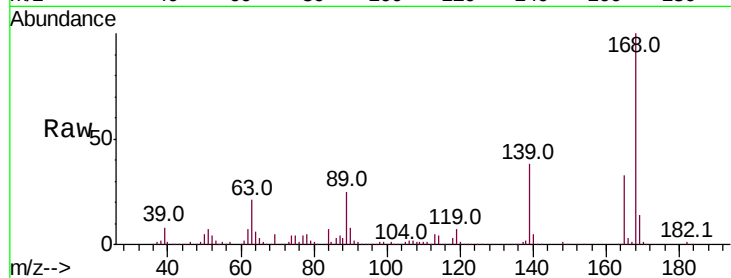




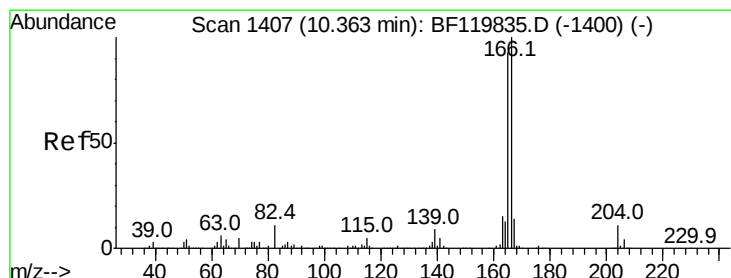
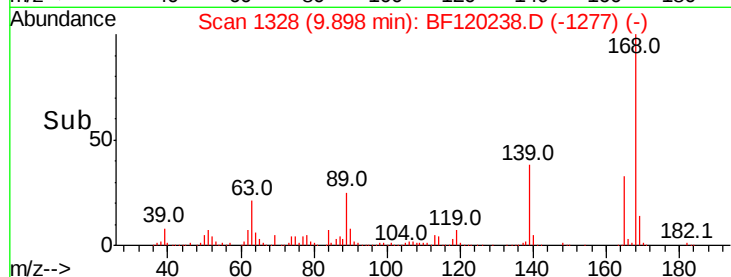
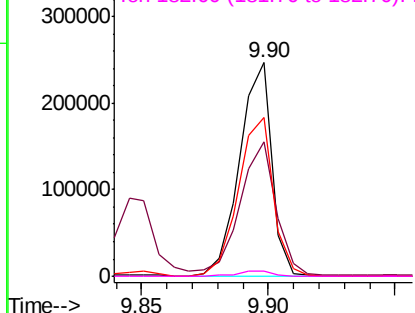
#57
 2,4-Dinitrotoluene
 Concen: 50.155 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:	165	Resp:	217475
Ion	Ratio	Lower	Upper
165	100		
63	62.7	42.6	64.0
89	74.1	61.0	91.4
182	2.2	2.2	3.2

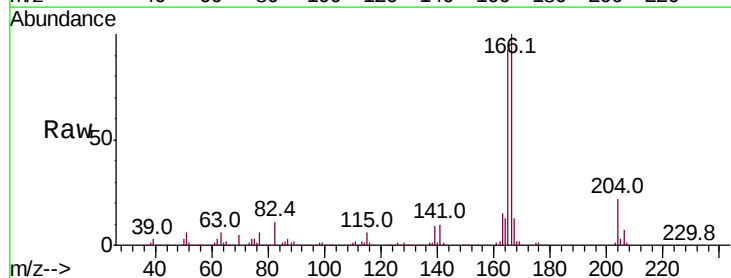


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

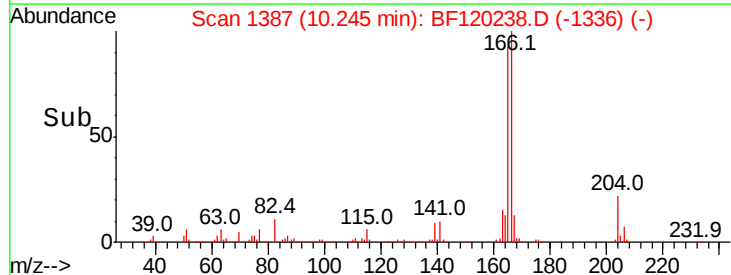
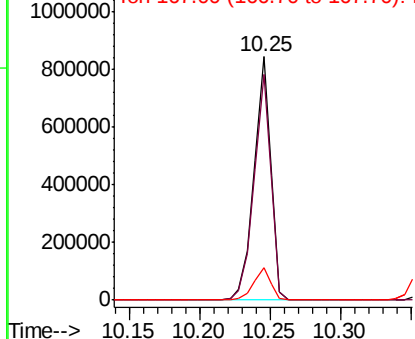


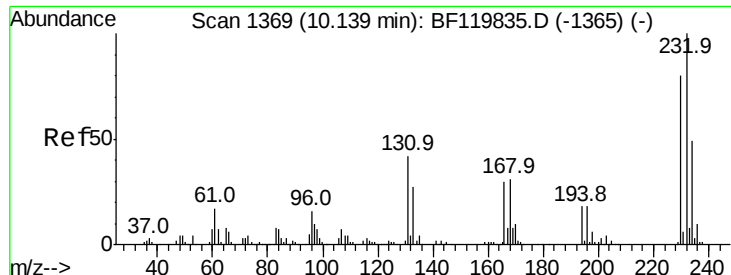
#58
 Fluorene
 Concen: 50.345 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:	166	Resp:	708141
Ion	Ratio	Lower	Upper
166	100		
165	92.8	75.4	113.2
167	13.4	11.2	16.8



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

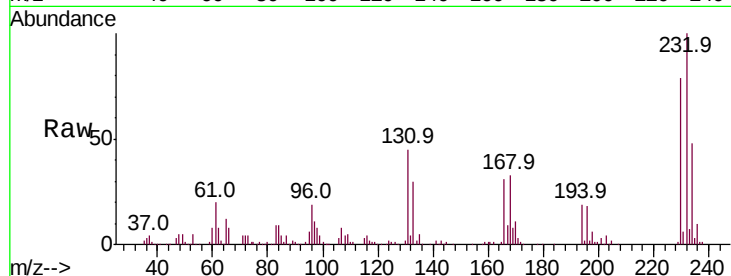




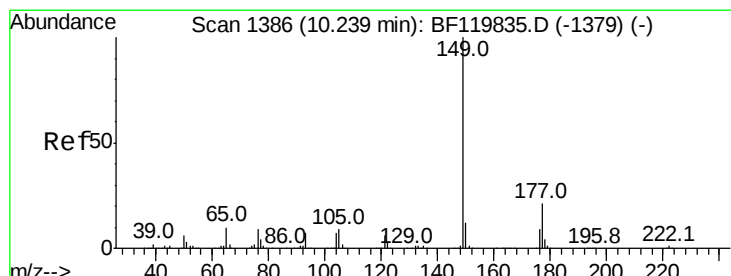
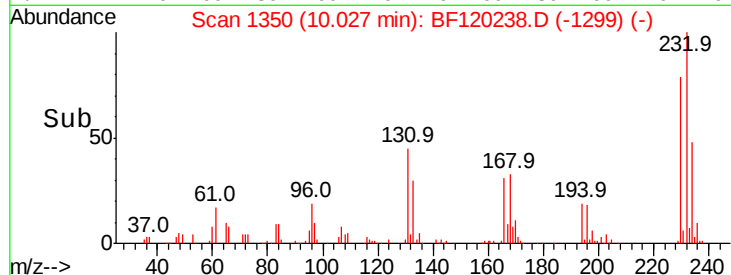
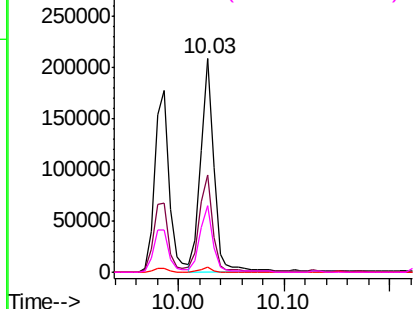
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.455 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:	232	Resp:	180534
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.5	56.3
130	2.1	1.8	2.6
166	29.8	24.6	36.8

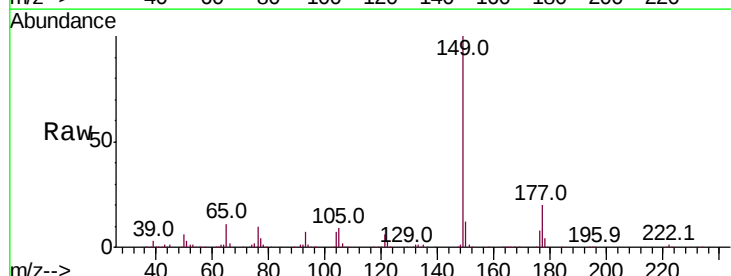


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

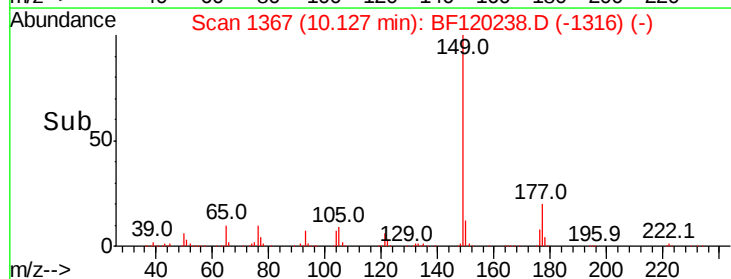
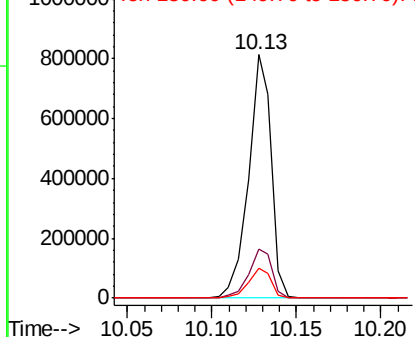


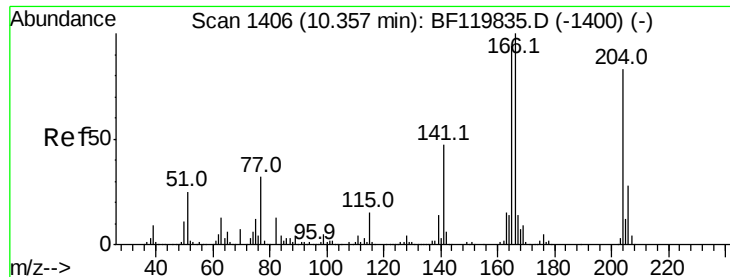
#60
 Diethylphthalate
 Concen: 49.034 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:	149	Resp:	763777
Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.0	25.6
150	12.3	10.1	15.1



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

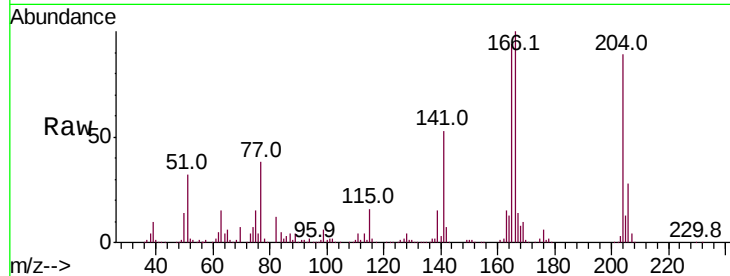




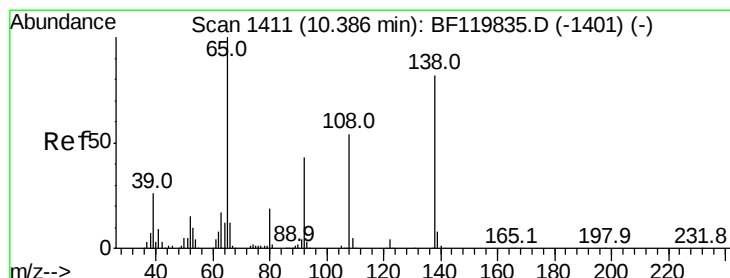
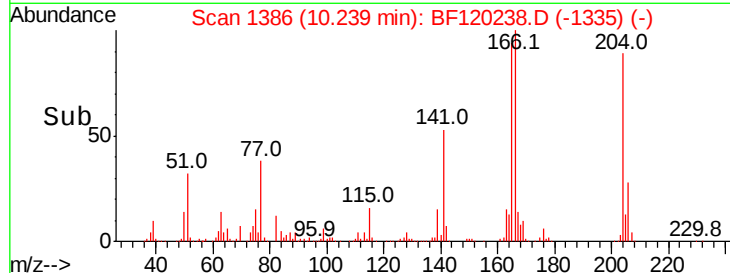
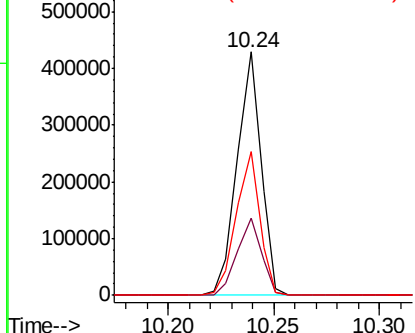
#61
4-Chlorophenyl-phenylether
Concen: 46.939 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Tot Ion:204 Resp: 338396
Ion Ratio Lower Upper
204 100
206 31.8 26.7 40.1
141 59.2 47.3 70.9

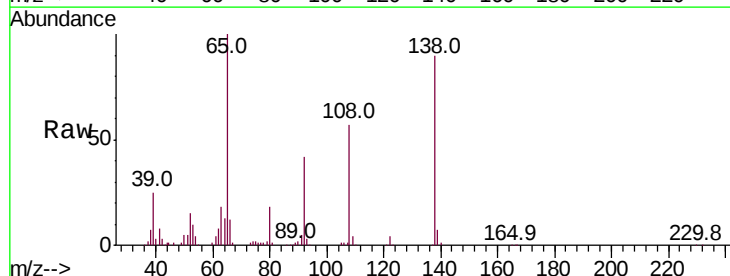


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

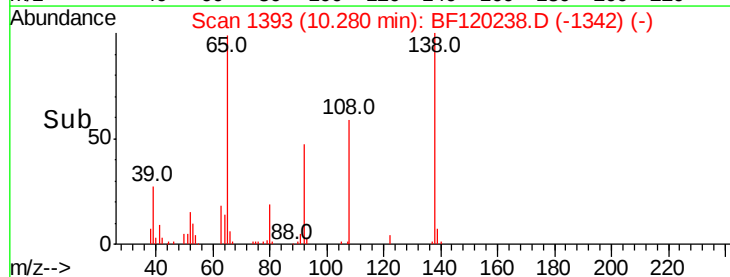
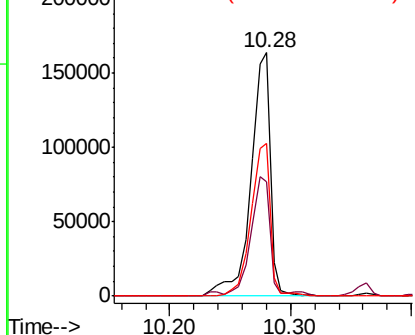


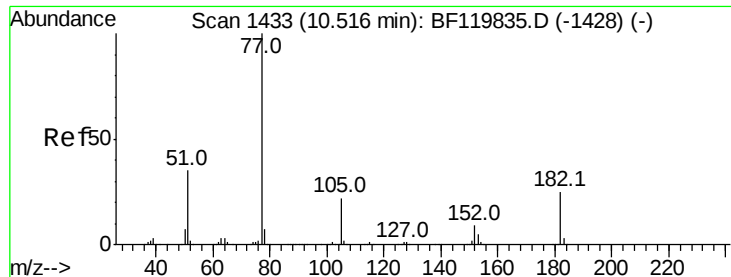
#62
4-Nitroaniline
Concen: 52.065 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:138 Resp: 186501
Ion Ratio Lower Upper
138 100
92 47.2 31.5 71.5
108 62.9 45.8 85.8



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: 51.058 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

Tot Ion: 77 Resp: 712736

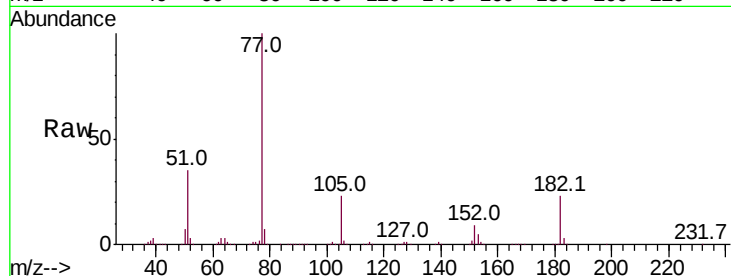
Ion Ratio Lower Upper

77 100

182 23.3 4.4 44.4

105 22.5 2.6 42.6

51 34.7 15.1 55.1

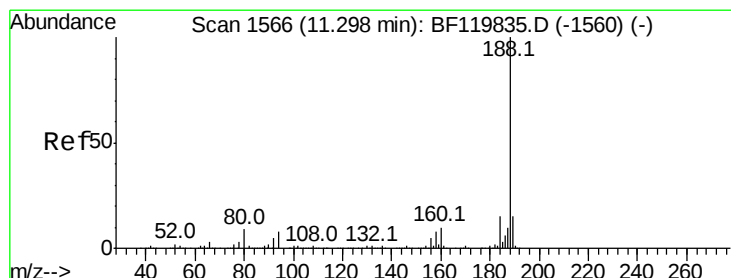
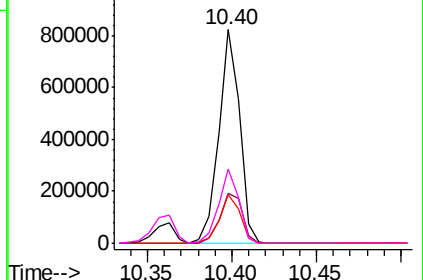
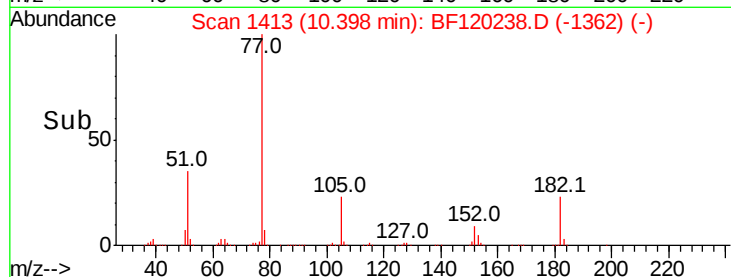


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

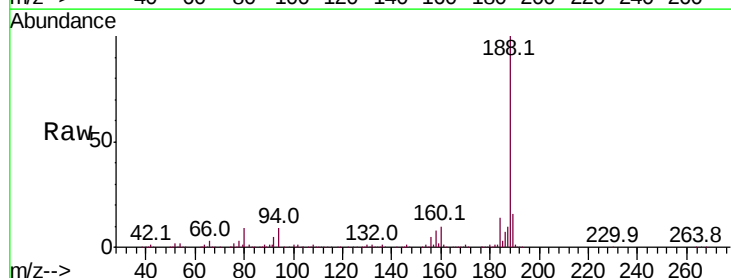
Tgt Ion: 188 Resp: 380736

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

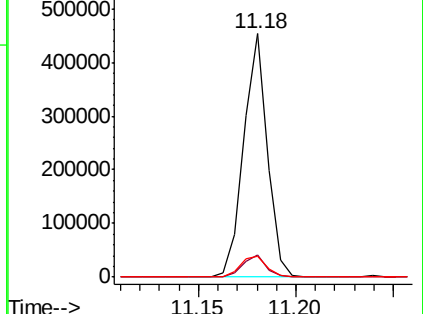
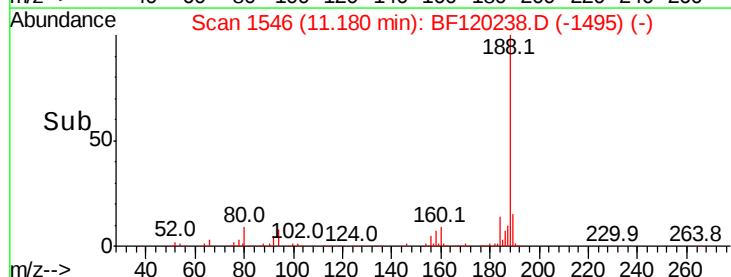
80 8.7 9.0 13.4#

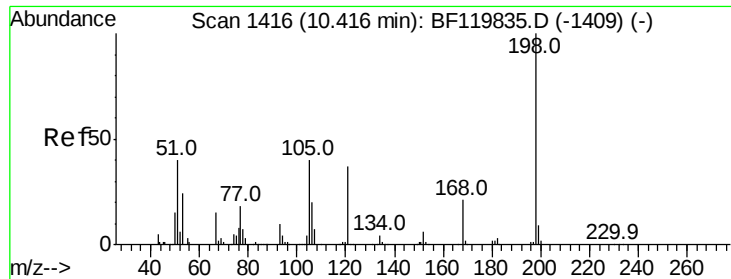


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

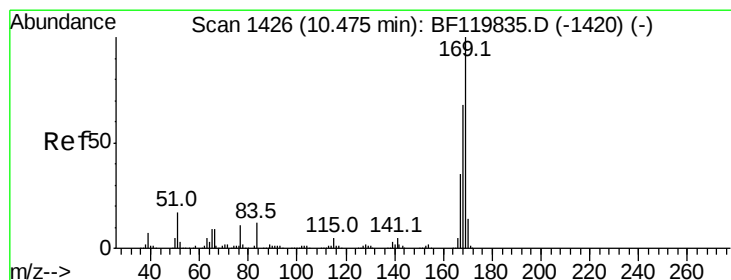
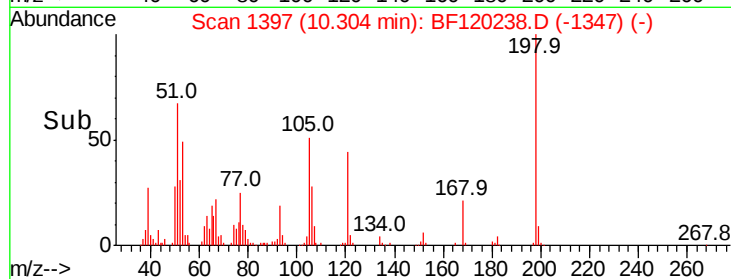
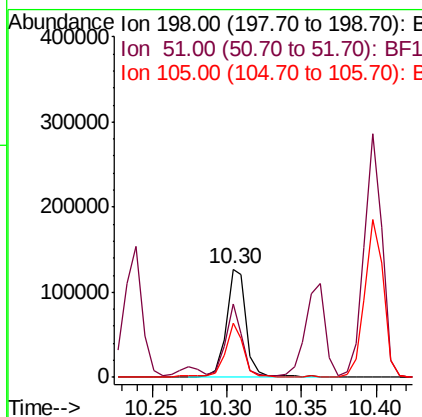
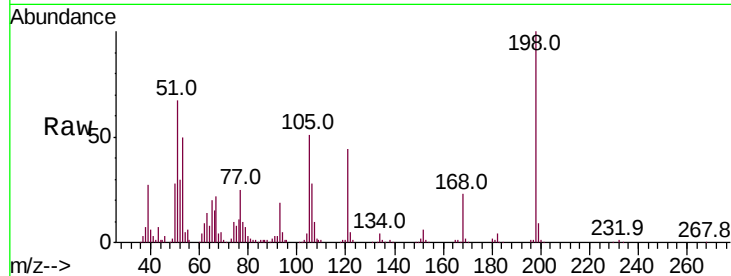




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.376 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

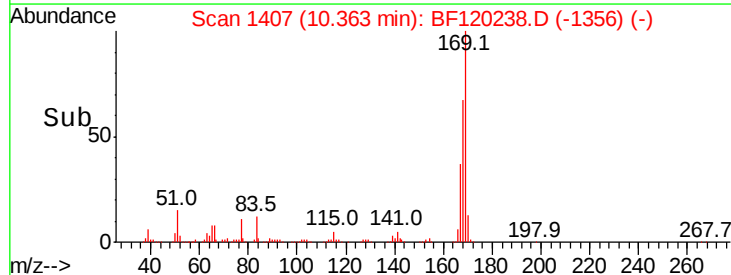
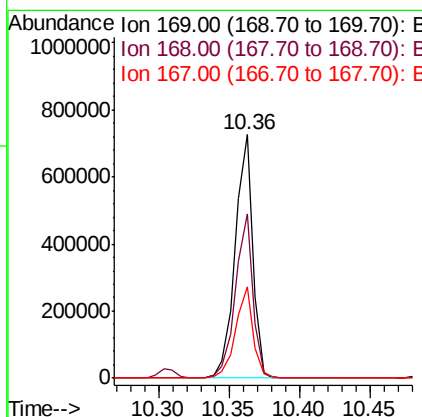
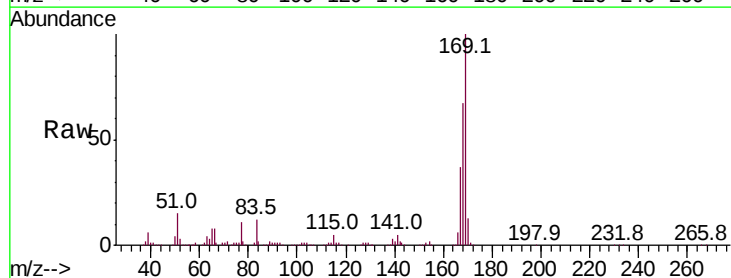
Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

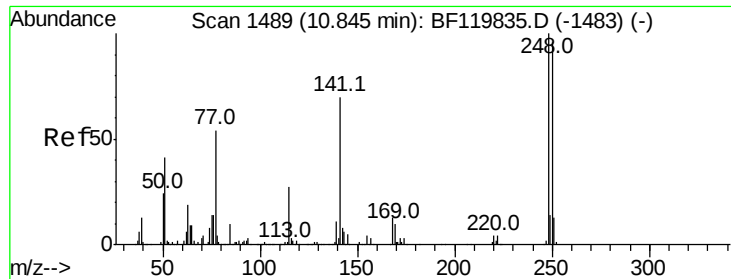
Tot Ion	Ratio	Lower	Upper
198	100		
51	67.5	29.0	69.0
105	50.6	22.2	62.2



#66
 n-Nitrosodiphenylamine
 Concen: 49.896 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	37.3	29.1	43.7

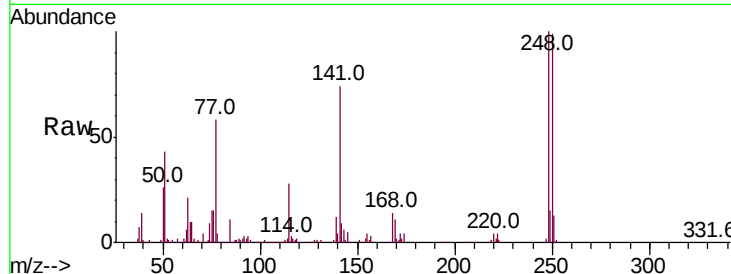




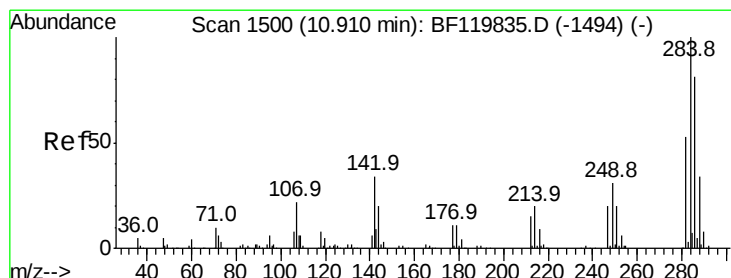
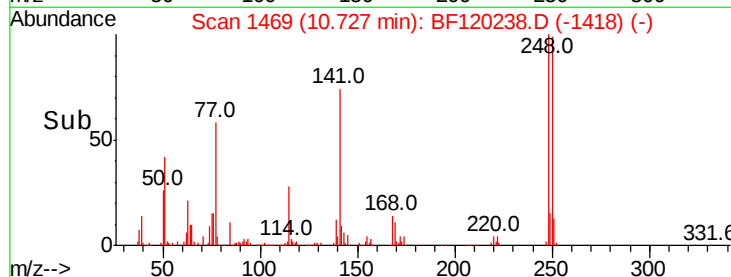
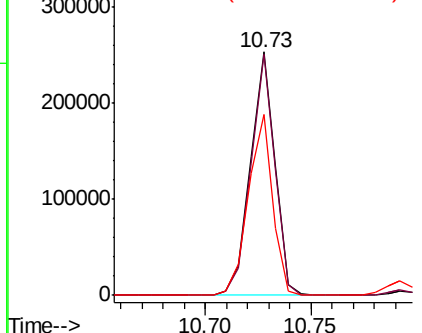
#67
4-Bromophenyl-phenylether
Concen: 43.237 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Tot Ion:248 Resp: 204720
Ion Ratio Lower Upper
248 100
250 98.9 77.3 115.9
141 74.4 58.6 87.8

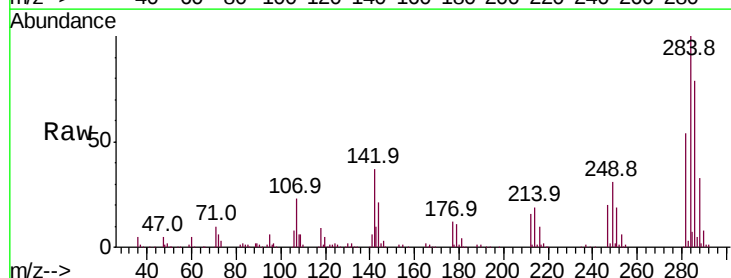


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

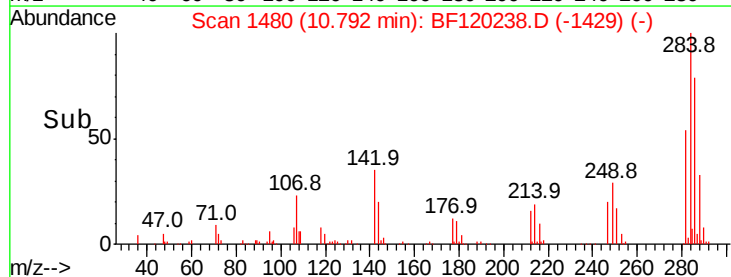
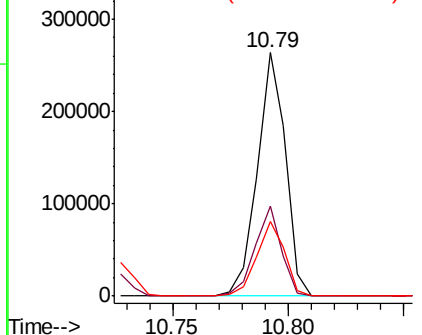


#68
Hexachlorobenzene
Concen: 46.711 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:284 Resp: 224367
Ion Ratio Lower Upper
284 100
142 37.1 29.2 43.8
249 30.6 25.1 37.7



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

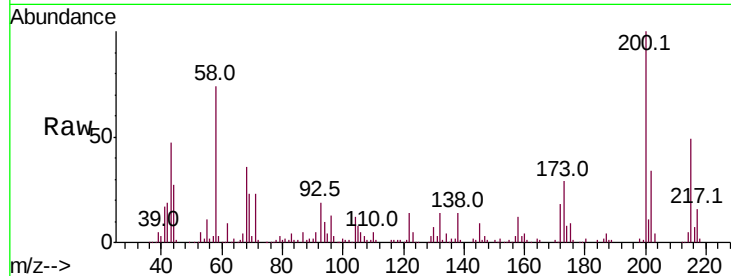




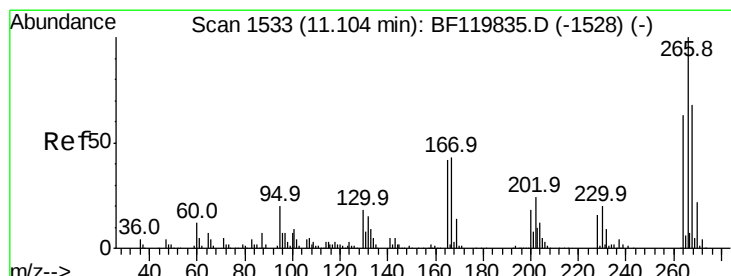
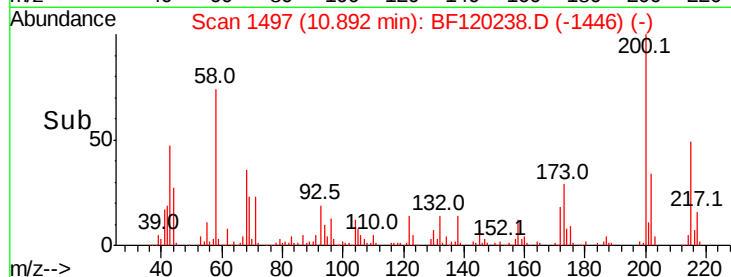
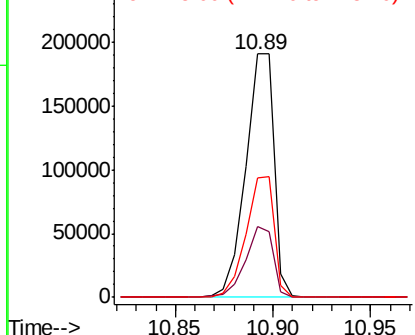
#69
Atrazine
Concen: 54.695 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.3	49.3
215	49.1	29.5	69.5

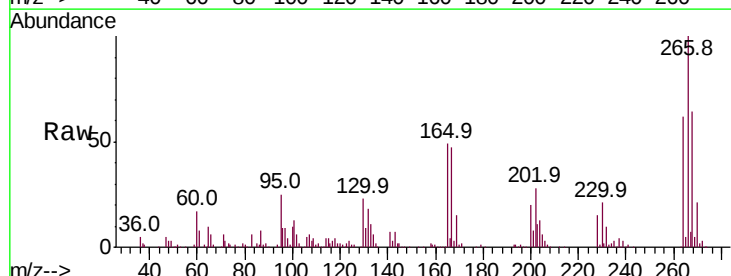


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

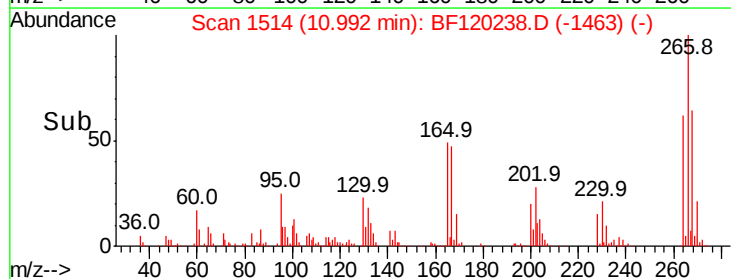
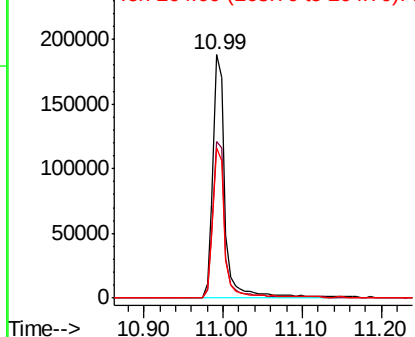


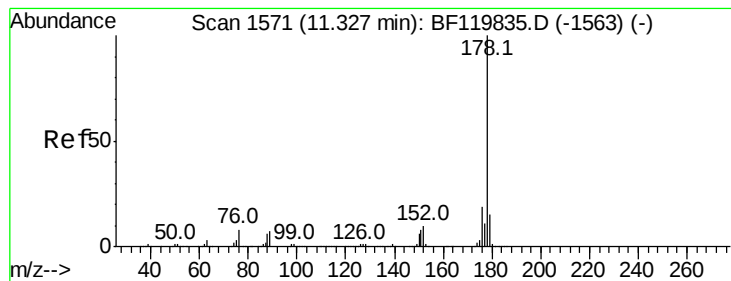
#70
Pentachlorophenol
Concen: 72.973 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.3	79.9
264	61.8	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.036 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

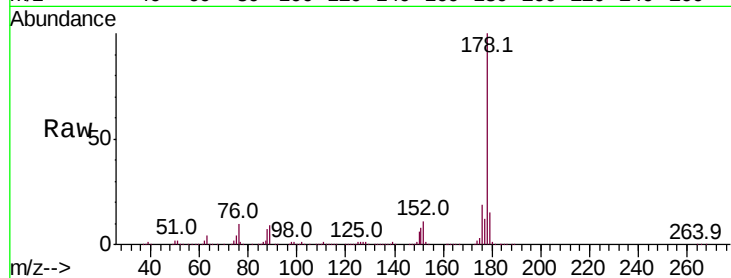
Tot Ion:178 Resp: 1034160

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

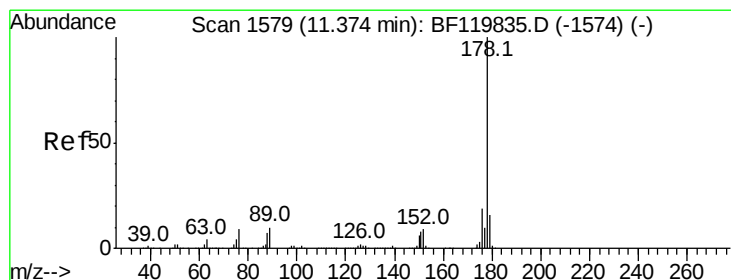
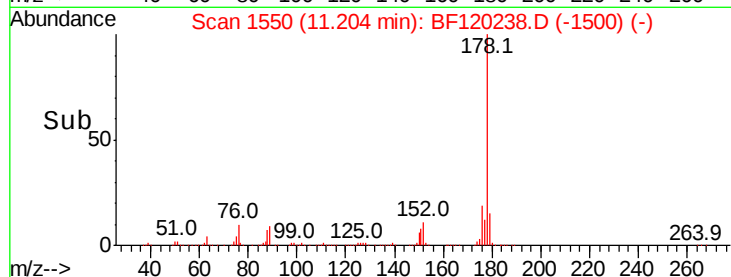
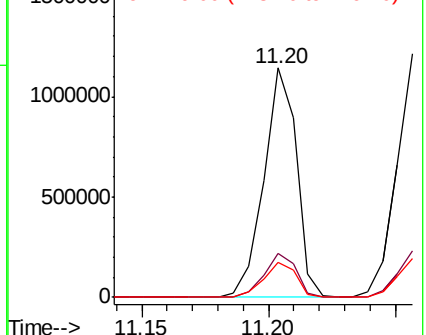
179 15.4 13.2 19.8



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: 51.679 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

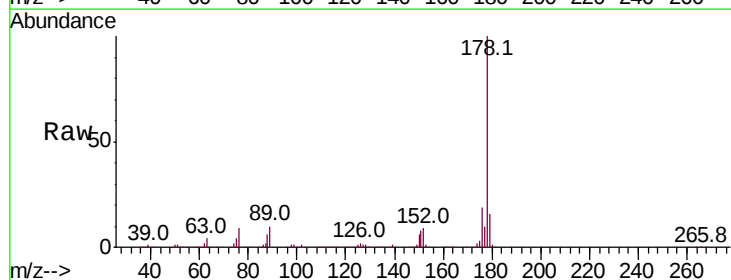
Tgt Ion:178 Resp: 1069756

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

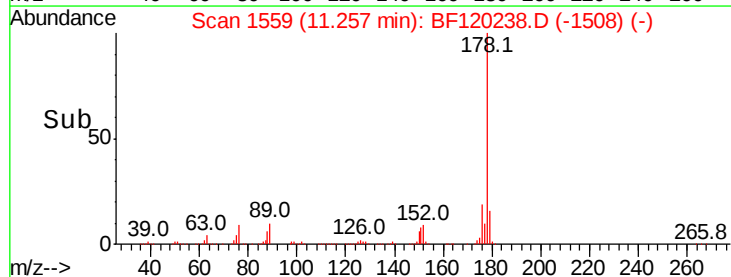
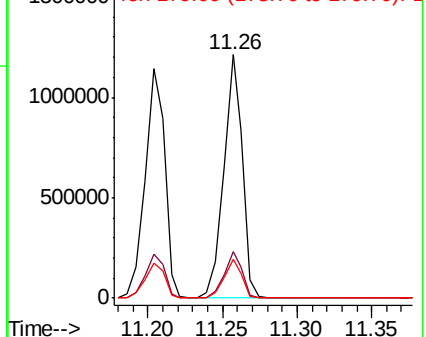
179 15.9 13.0 19.4

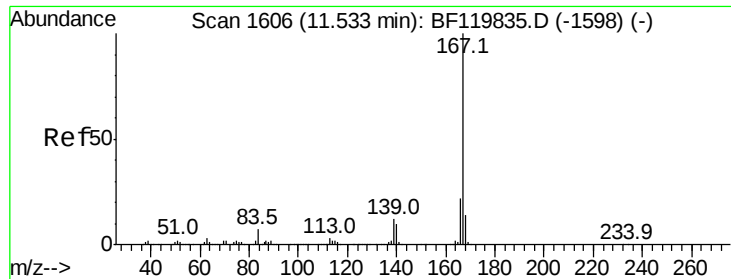


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

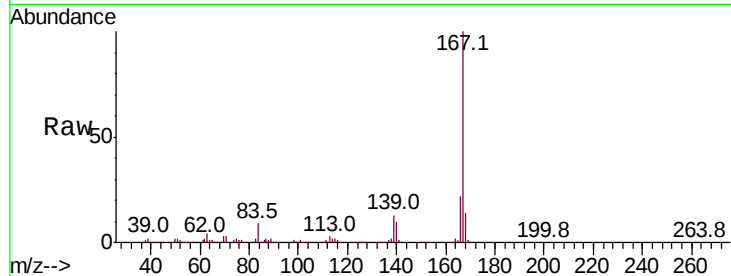




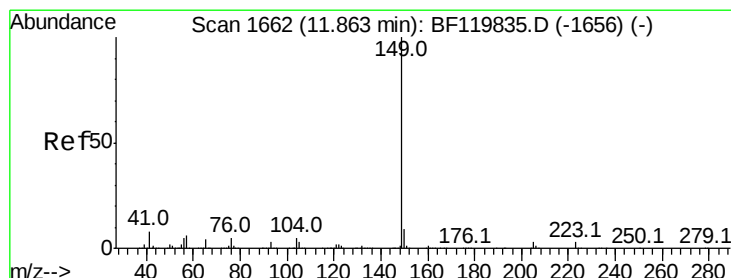
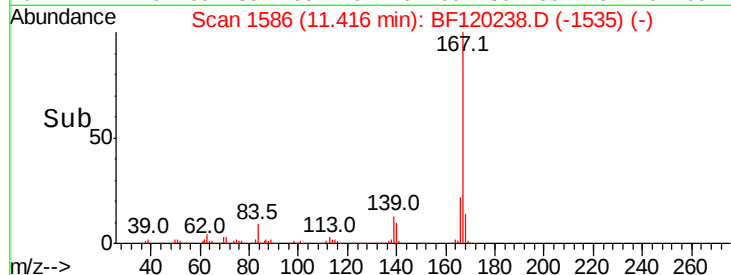
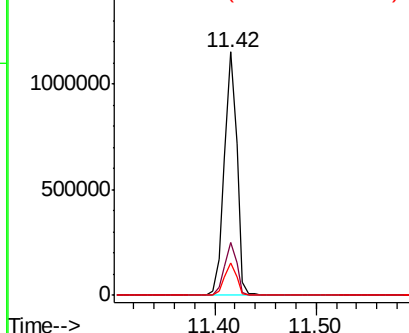
#73
 Carbazole
 Concen: 50.735 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

Tot Ion:167 Resp: 993163
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.4
 139 13.2 10.7 16.1

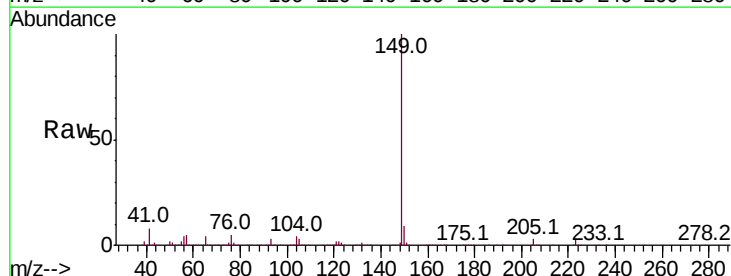


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

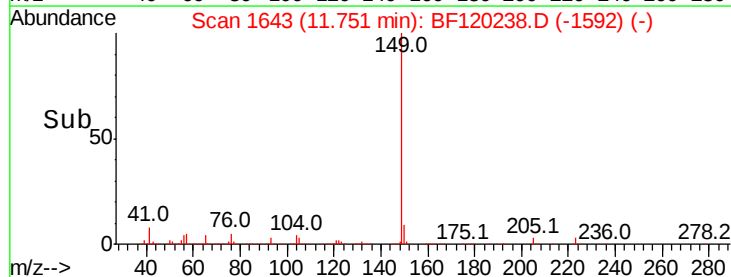
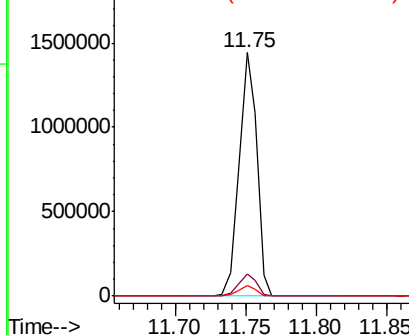


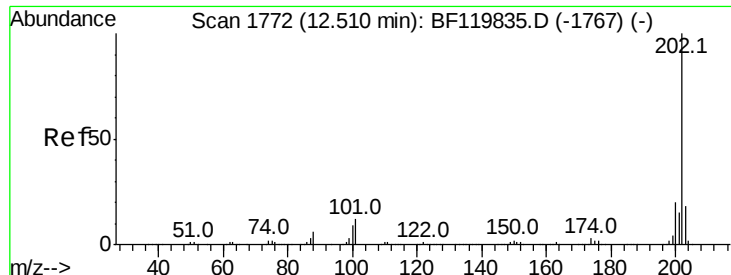
#74
 Di-n-butylphthalate
 Concen: 48.672 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:149 Resp: 1252519
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.5 3.6 5.4



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

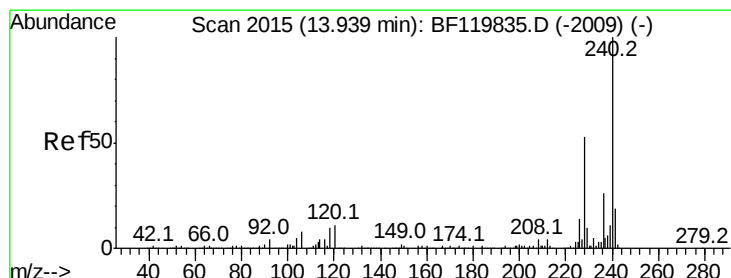
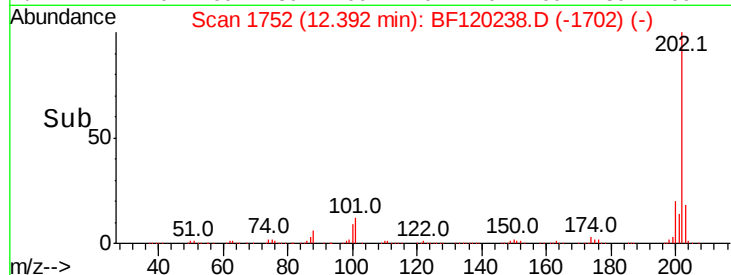
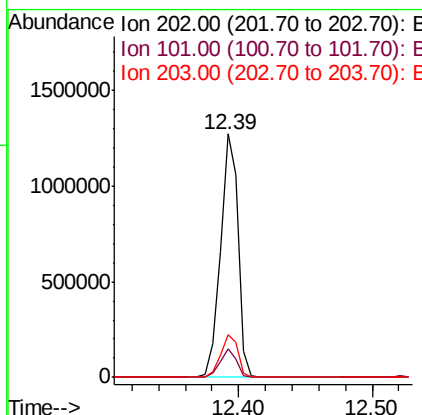
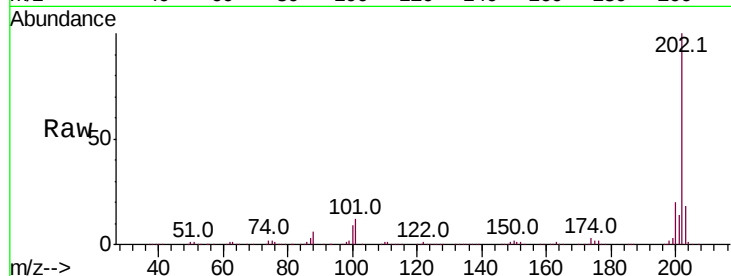




#75
 Fluoranthene
 Concen: 54.150 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

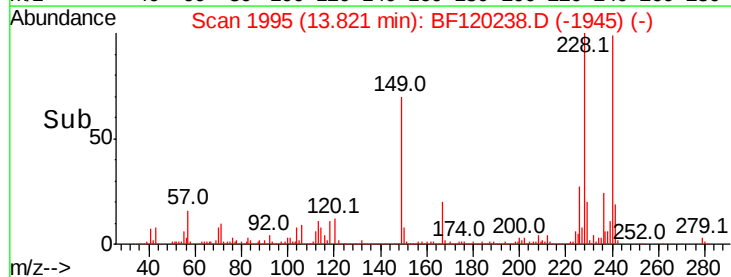
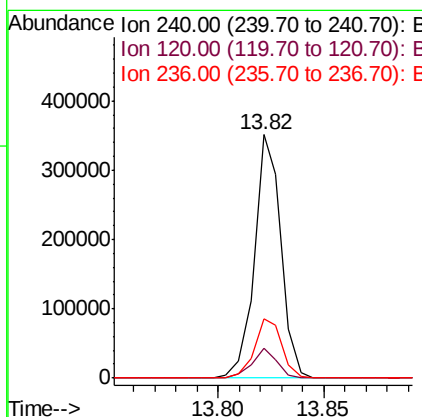
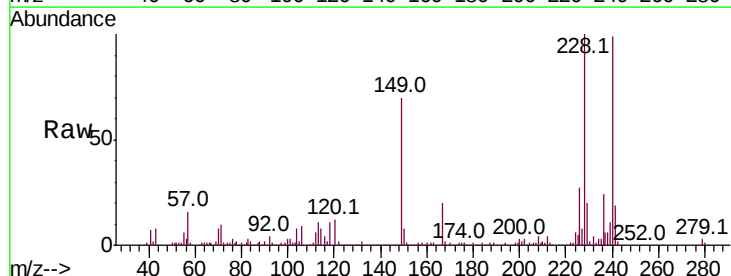
Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EASTMSD

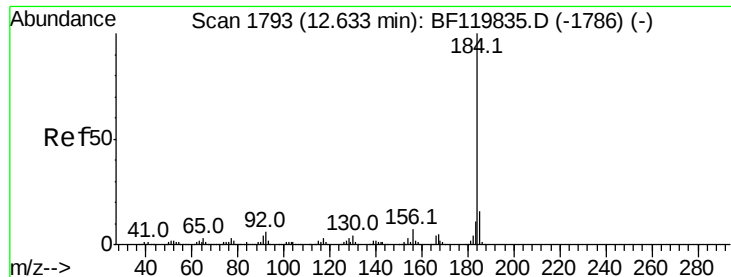
Tot Ion:202 Resp: 1183909
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 32.2
 203 17.7 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120238.D
 Acq: 30 Apr 2020 14:24

Tgt Ion:240 Resp: 305687
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.6 15.8
 236 24.5 20.2 30.2





#77

Benzidine

Concen: 73.338 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

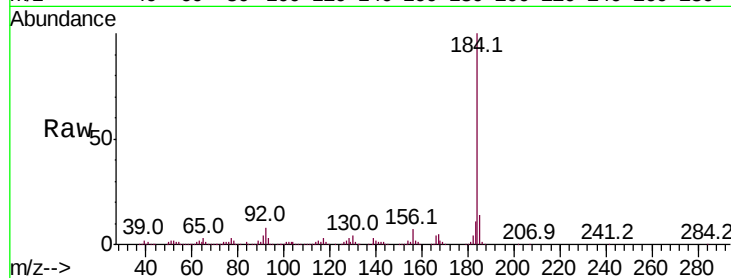
Tot Ion:184 Resp: 757808

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

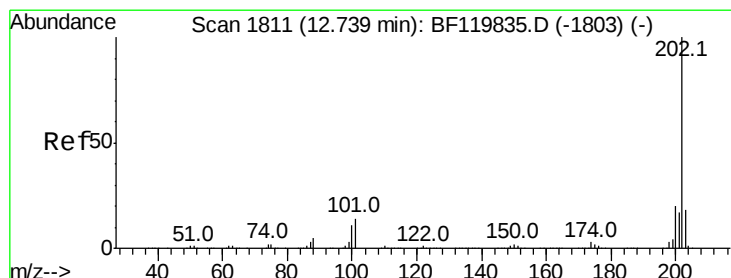
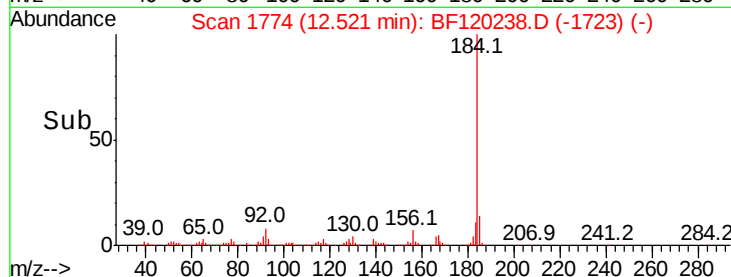
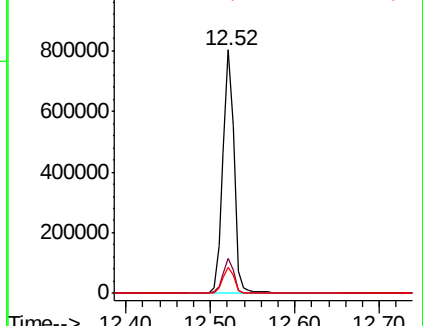
183 10.9 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.012 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

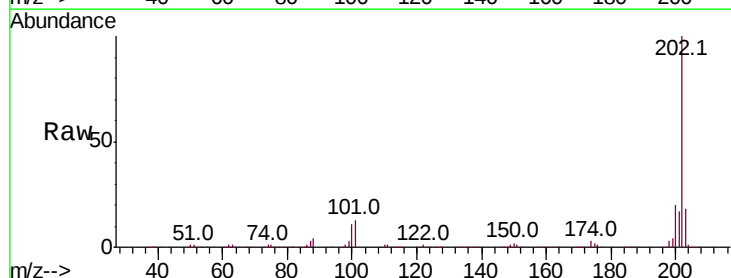
Tgt Ion:202 Resp: 1185718

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

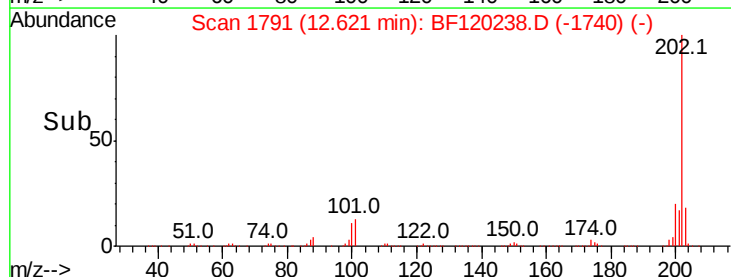
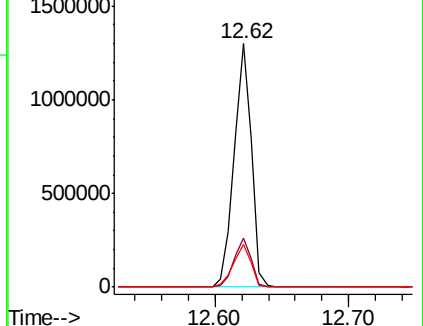
203 17.7 15.1 22.7

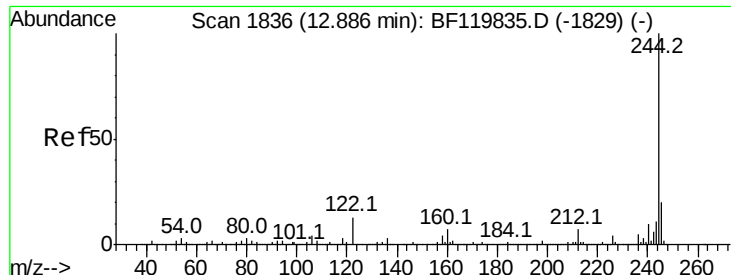


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.644 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

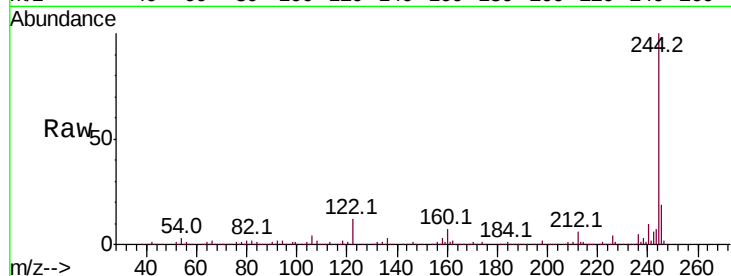
Tot Ion:244 Resp: 1083541

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

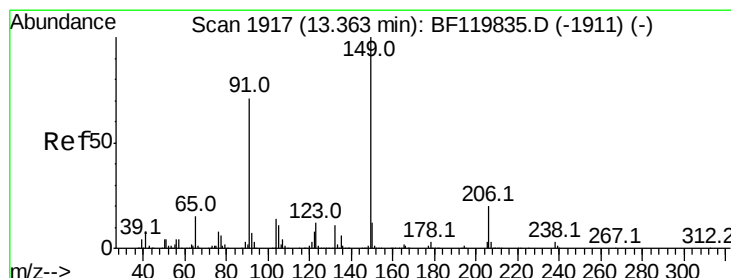
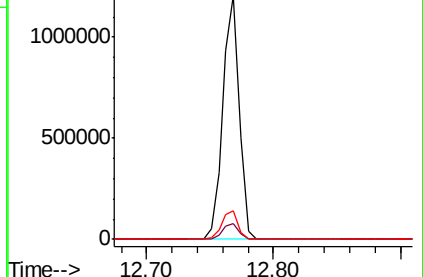
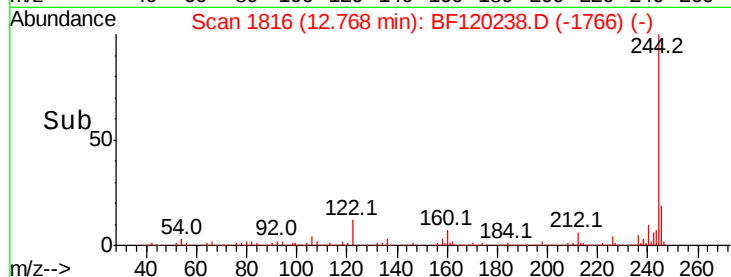
122 11.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.515 ng

RT: 13.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

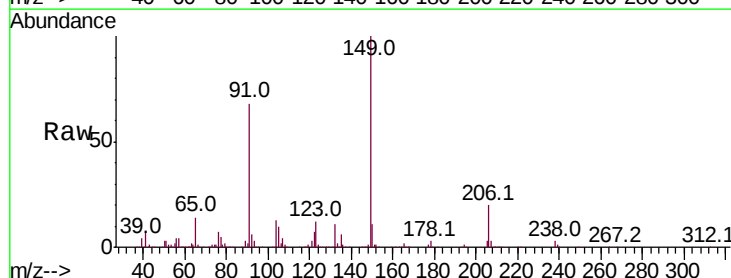
Tgt Ion:149 Resp: 531629

Ion Ratio Lower Upper

149 100

91 68.4 54.7 82.1

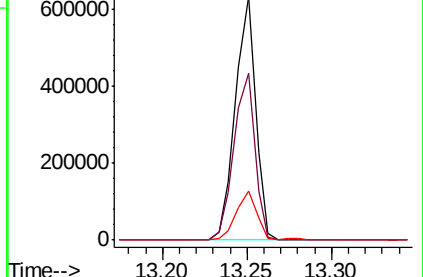
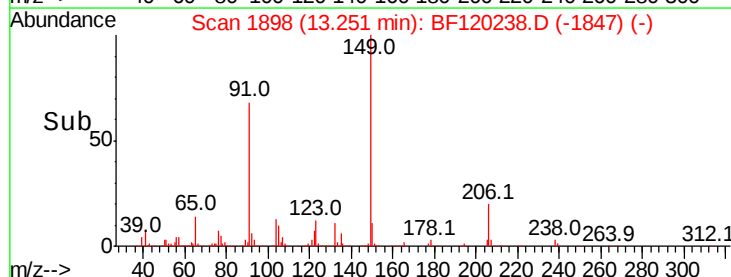
206 20.2 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.194 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

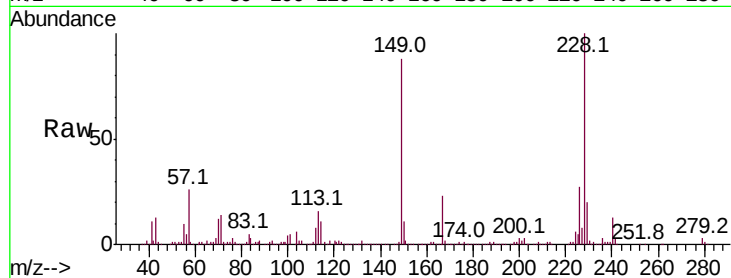
Tot Ion:228 Resp: 1029515

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

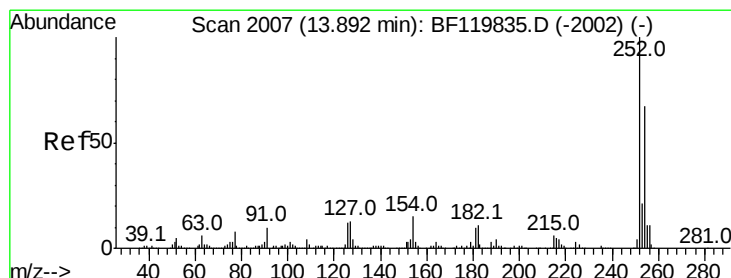
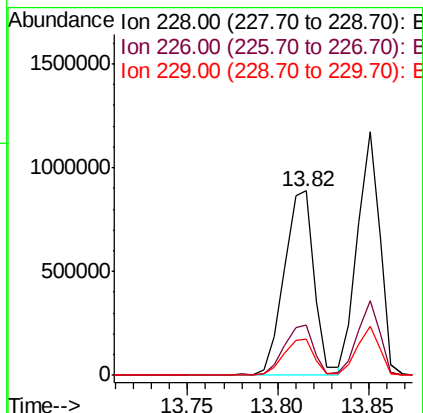
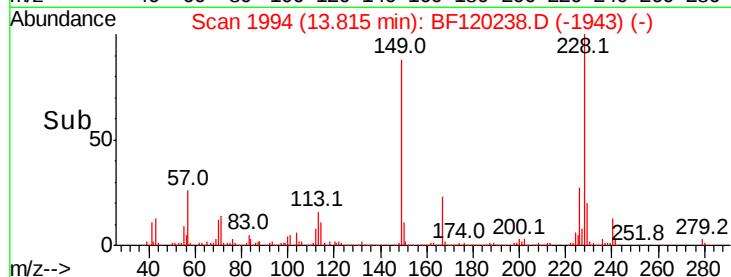
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.540 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

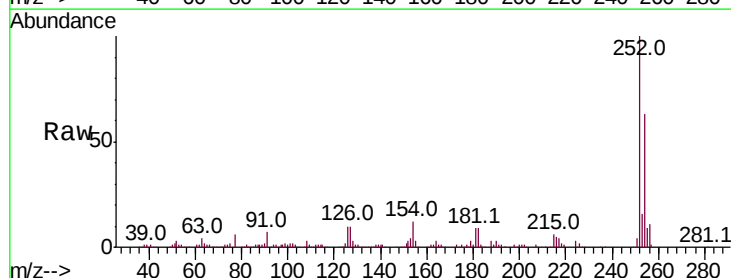
Tgt Ion:252 Resp: 251667

Ion Ratio Lower Upper

252 100

254 63.3 51.2 76.8

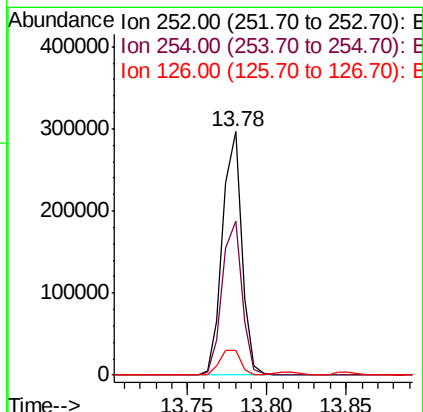
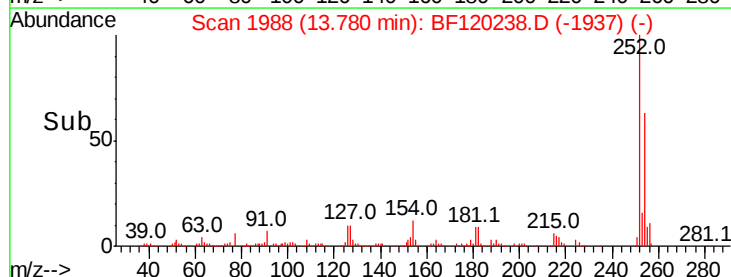
126 10.0 9.6 14.4

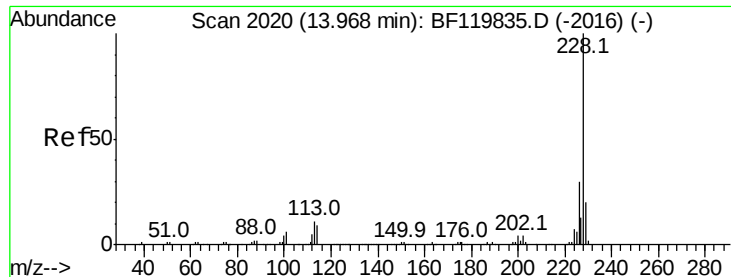


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.647 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

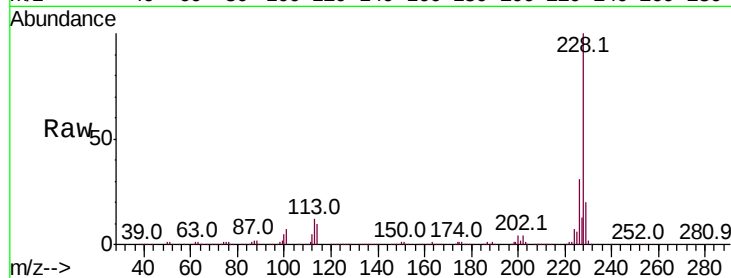
Tot Ion:228 Resp: 1014458

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

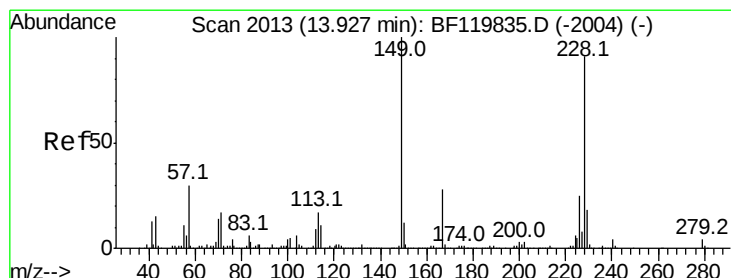
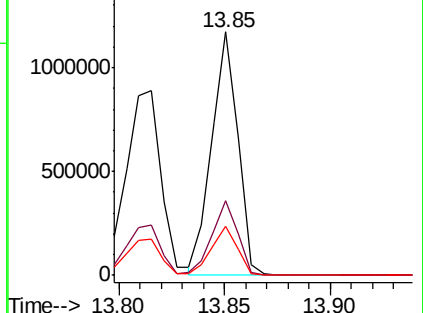
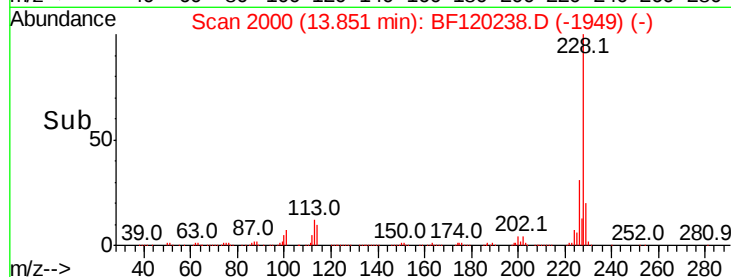
229 20.2 16.6 24.8



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: 44.436 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

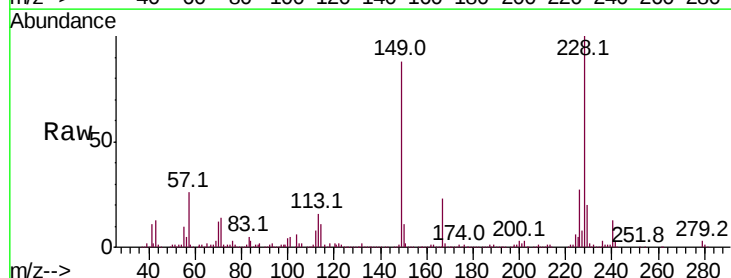
Tgt Ion:149 Resp: 752465

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

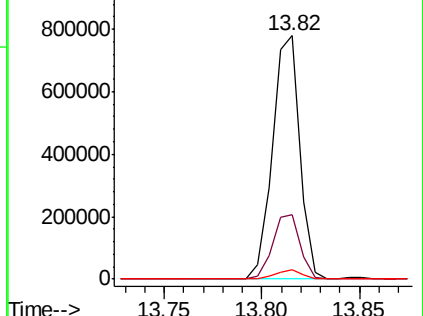
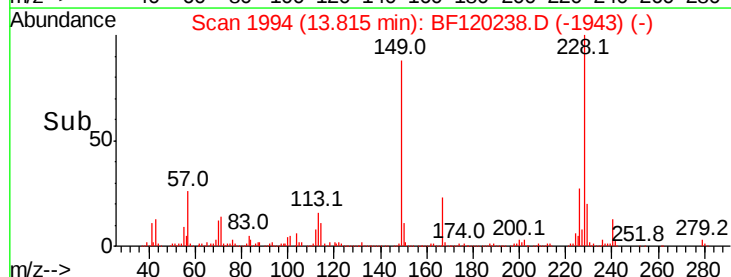
279 3.8 2.7 4.1

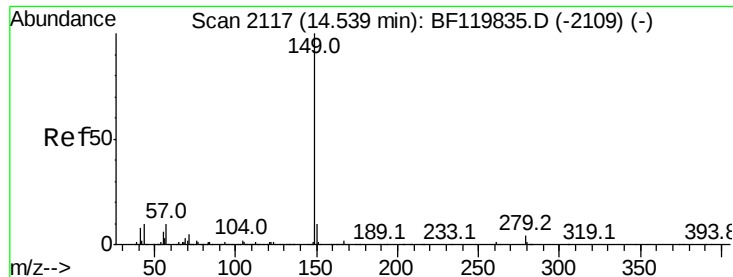


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.119 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

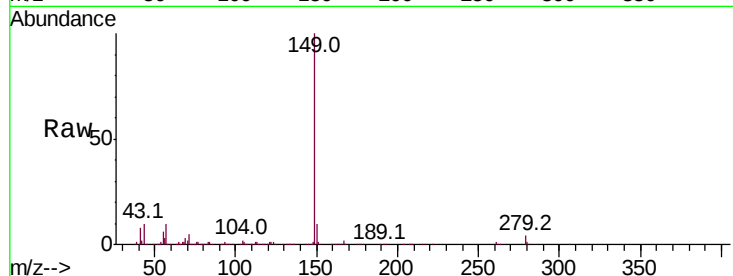
Tot Ion:149 Resp: 1329706

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

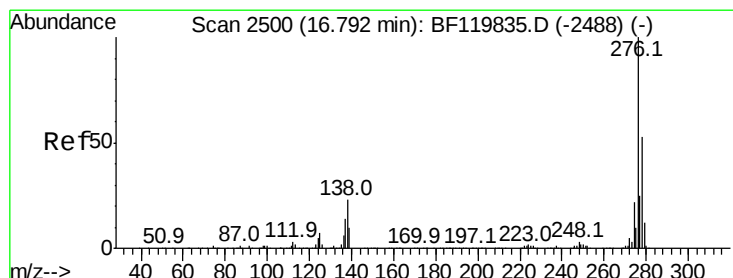
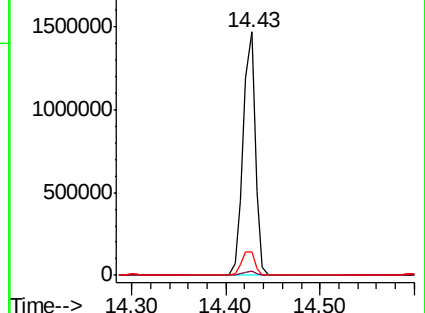
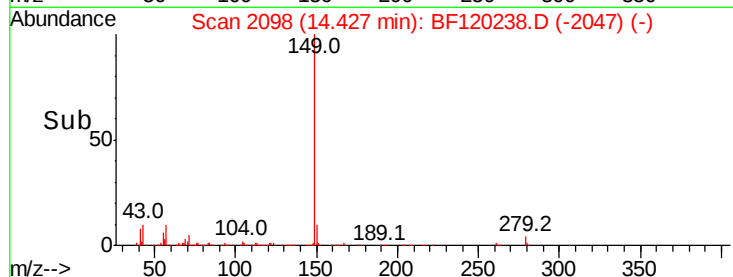
43 10.6 9.3 13.9



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: 66.275 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

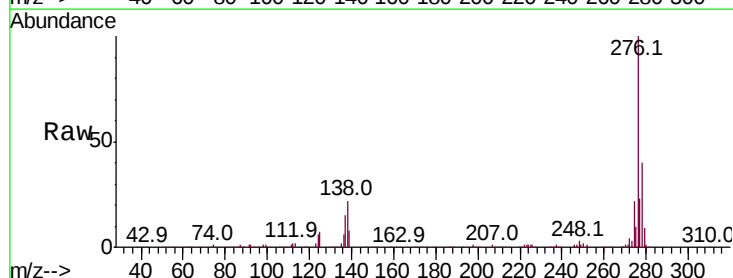
Tgt Ion:276 Resp: 1193747

Ion Ratio Lower Upper

276 100

138 25.3 19.6 29.4

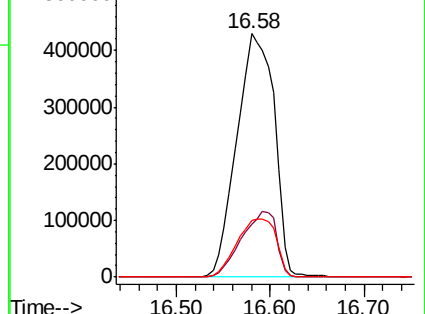
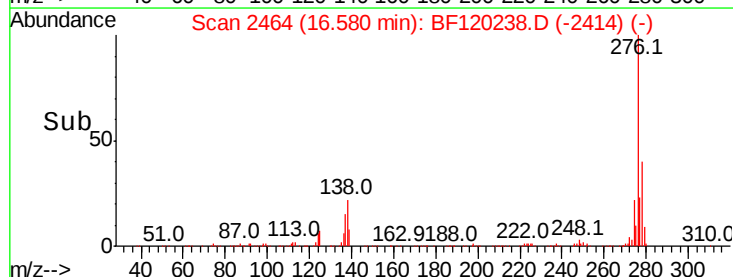
277 25.0 20.0 30.0

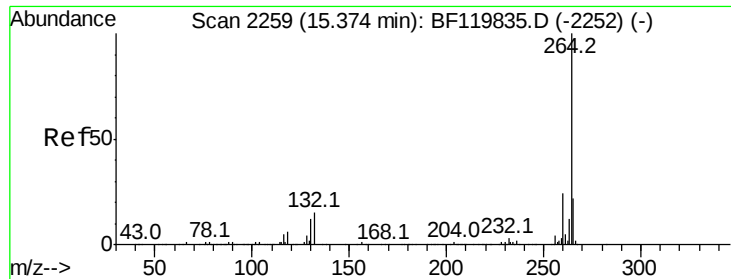


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

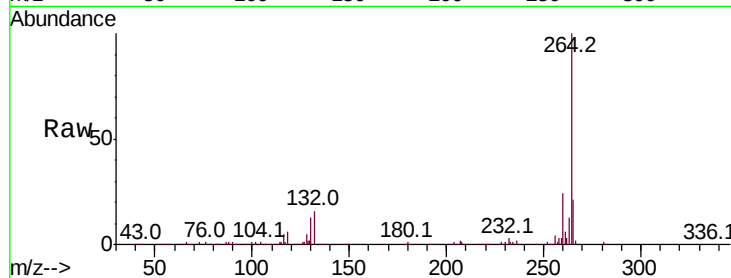




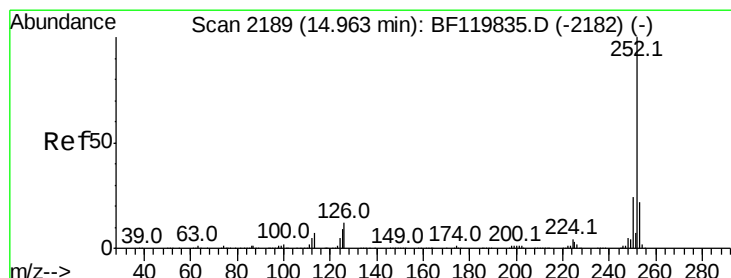
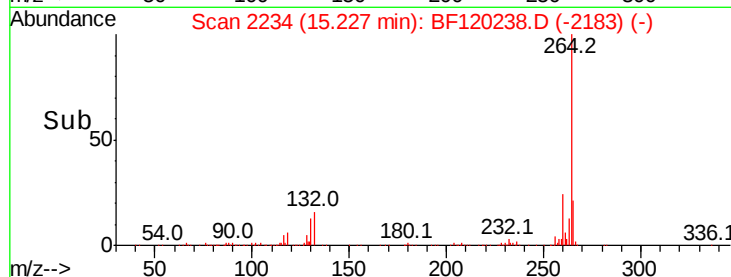
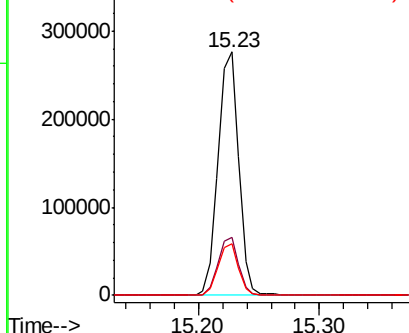
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

Tot Ion:264 Resp: 324706
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.4 17.7 26.5

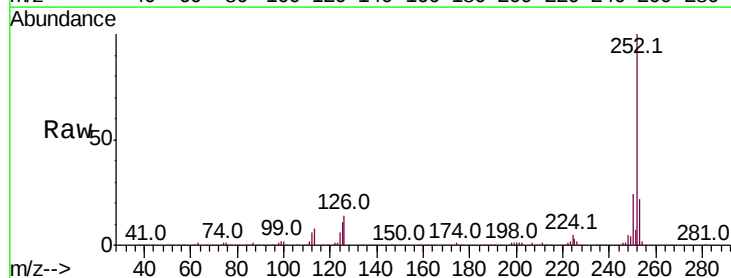


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

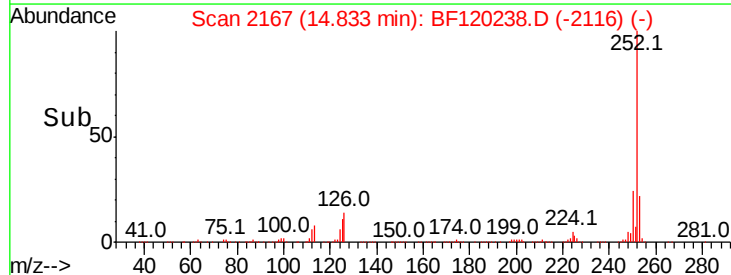
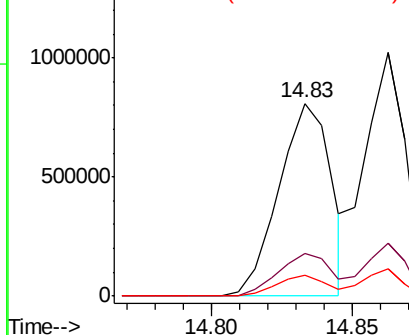


#88
Benzo(b)fluoranthene
Concen: 44.474 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:252 Resp: 1038857
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.8 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

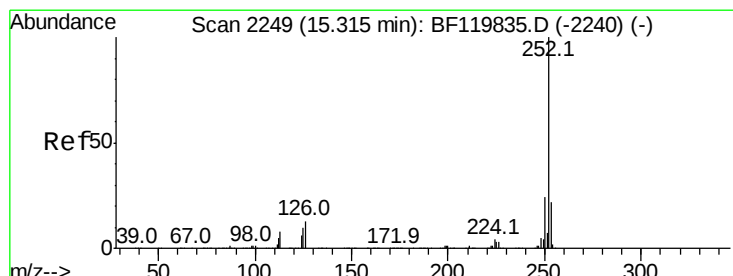
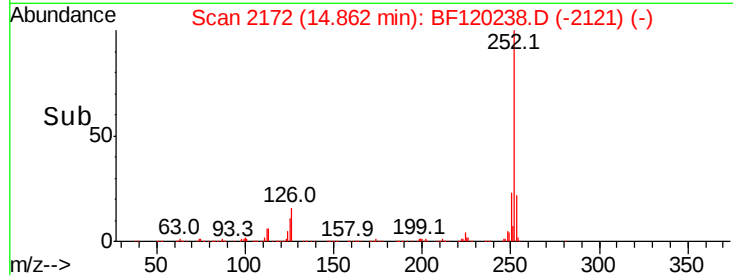
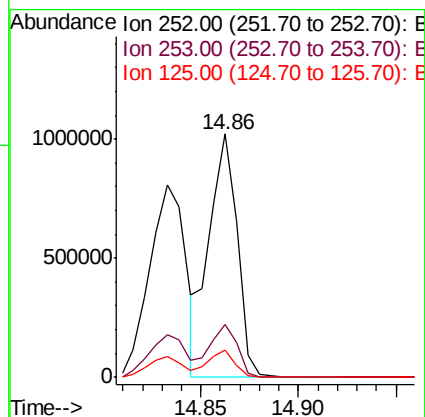
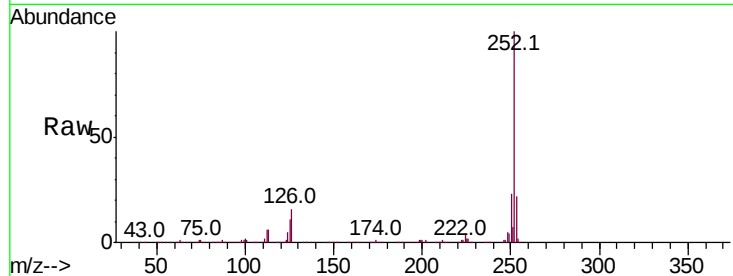




#89
Benzo(k)fluoranthene
Concen: 50.648 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

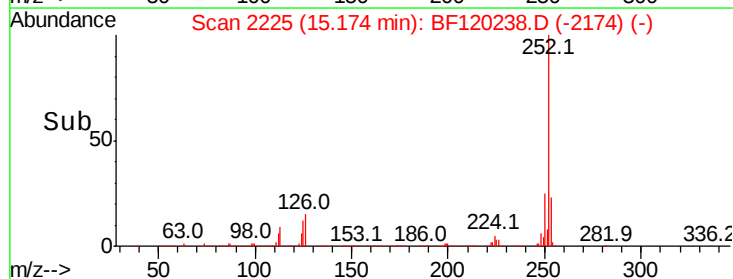
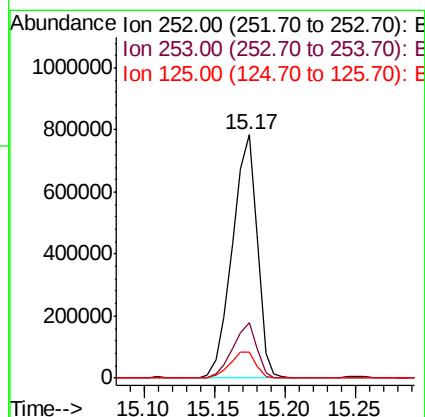
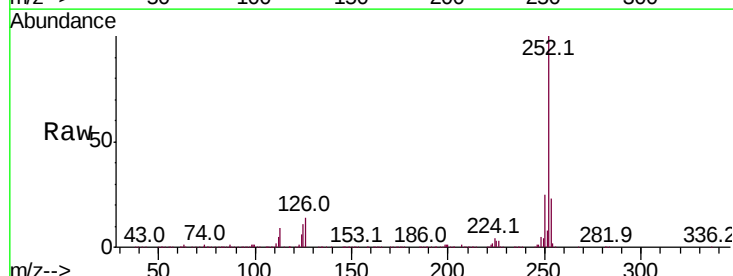
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMSD

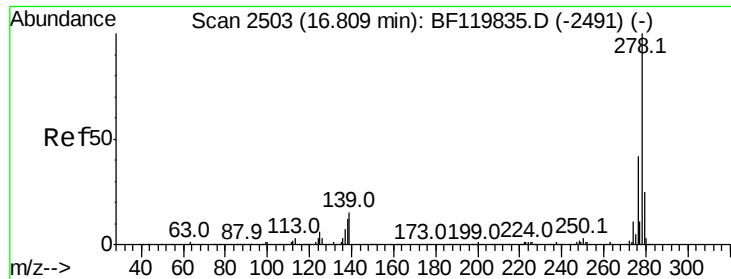
Tot Ion:252 Resp: 1020776
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 49.128 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120238.D
Acq: 30 Apr 2020 14:24

Tgt Ion:252 Resp: 964868
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 56.757 ng

RT: 16.60 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EASTMSD

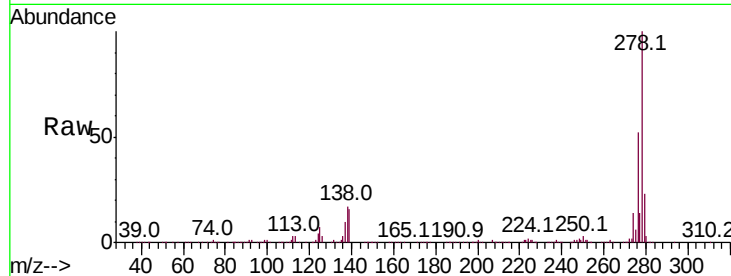
Tot Ion:278 Resp: 987386

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

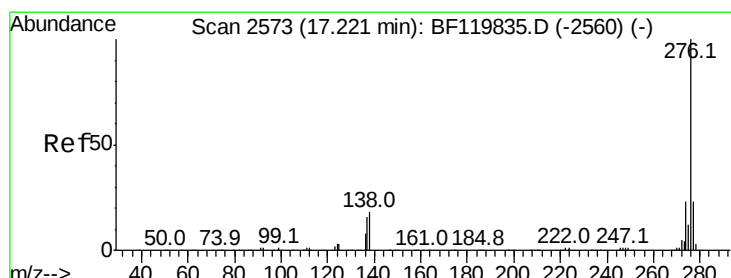
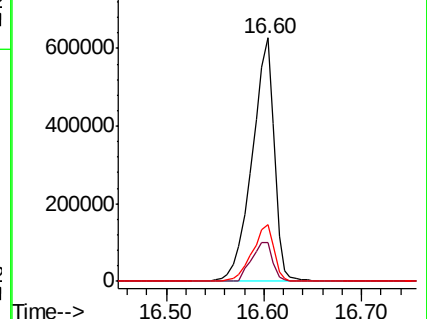
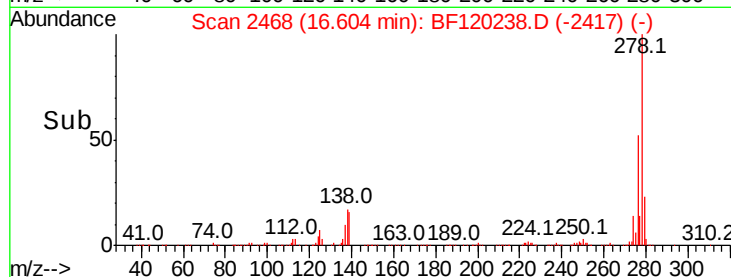
279 23.1 19.0 28.6



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: 57.755 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF120238.D

Acq: 30 Apr 2020 14:24

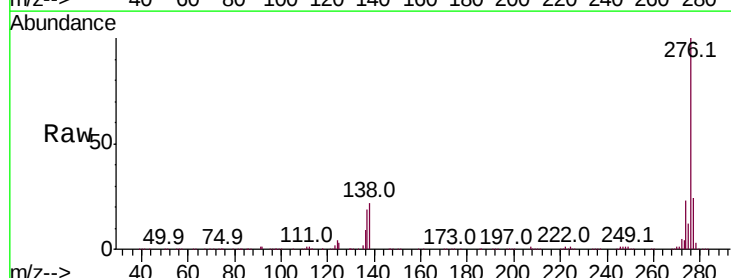
Tgt Ion:276 Resp: 991786

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 22.2 15.4 23.0



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

