

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120178.D
 Acq On : 23 Apr 2020 21:54
 Operator : MA/SJ
 Sample : L2381-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Quant Time: Apr 24 01:26:04 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 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	141590	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	540363	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	282820	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	542217	20.00	ng	0.00
76) Chrysene-d12	13.83	240	360621	20.00	ng	0.00
87) Perylene-d12	15.23	264	303141	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1186504	144.82	ng	0.02
7) Phenol-d6	6.32	99	1648256	156.13	ng	0.00
23) Nitrobenzene-d5	7.24	82	1153716	110.46	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	434328	125.43	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2244443	112.67	ng	0.00
79) Terphenyl-d14	12.78	244	2388014	111.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	173257	47.479	ng	99
3) Pyridine	3.01	79	505521	50.491	ng	95
4) n-Nitrosodimethylamine	2.98	42	289154	56.525	ng	97
6) Aniline	6.33	93	533473	38.500	ng	# 1
8) 2-Chlorophenol	6.45	128	578952	63.244	ng	99
9) Benzaldehyde	6.21	77	232444	41.873	ng	99
10) Phenol	6.33	94	728958	60.864	ng	86
11) bis(2-Chloroethyl)ether	6.41	93	536496	58.015	ng	98
12) 1,3-Dichlorobenzene	6.60	146	560830	55.960	ng	97
13) 1,4-Dichlorobenzene	6.68	146	564651	55.309	ng	98
14) 1,2-Dichlorobenzene	6.84	146	532084	56.553	ng	98
15) Benzyl Alcohol	6.82	79	461997	56.343	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	919692	51.108	ng	92
17) 2-Methylphenol	6.94	107	462183	56.575	ng	# 93
18) Hexachloroethane	7.17	117	214362	56.184	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	395549	58.266	ng	97
20) 3+4-Methylphenols	7.09	107	580167	58.066	ng	97
22) Acetophenone	7.09	105	770293	60.875	ng	# 90
24) Nitrobenzene	7.26	77	595952	56.717	ng	99
25) Isophorone	7.50	82	1131139	56.177	ng	99
26) 2-Nitrophenol	7.57	139	317692	60.519	ng	97
27) 2,4-Dimethylphenol	7.62	122	488223	61.666	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	707001	59.671	ng	99
29) 2,4-Dichlorophenol	7.82	162	476529	58.719	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	507687	55.211	ng	99
31) Naphthalene	7.97	128	1615555	56.826	ng	99
32) Benzoic acid	7.78	122	378571	54.445	ng	97
33) 4-Chloroaniline	8.02	127	182843	14.773	ng	100
34) Hexachlorobutadiene	8.09	225	291272	52.916	ng	100
35) Caprolactam	8.42	113	86023	34.653	ng	97
36) 4-Chloro-3-methylphenol	8.52	107	531245	60.464	ng	98
37) 2-Methylnaphthalene	8.66	142	1118213	58.015	ng	99
38) 1-Methylnaphthalene	8.76	142	1051671	57.888	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	490484	54.909	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	455335	89.643	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	355253	57.592	nq	98
44) 2,4,5-Trichlorophenol	9.00	196	375052	53.984	nq	96
46) 1,1'-Biphenyl	9.13	154	1349112	56.515	nq	99
47) 2-Chloronaphthalene	9.16	162	1053209	57.272	nq	98
48) 2-Nitroaniline	9.26	65	376183	56.449	nq	95
49) Acenaphthylene	9.57	152	1642320	58.724	nq	98
50) Dimethylphthalate	9.45	163	1464868	66.963	nq	100
51) 2,6-Dinitrotoluene	9.50	165	281480	58.759	nq	95
52) Acenaphthene	9.74	154	983915	52.741	nq	98
53) 3-Nitroaniline	9.67	138	150936	27.588	nq	91
54) 2,4-Dinitrophenol	9.78	184	306283	106.792	nq	# 87
55) Dibenzofuran	9.92	168	1435696	56.081	nq	100
56) 4-Nitrophenol	9.85	139	454276	111.594	nq	98
57) 2,4-Dinitrotoluene	9.91	165	352379	55.832	nq	# 88
58) Fluorene	10.26	166	1151279	56.232	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.03	232	318278	59.900	nq	99
60) Diethylphthalate	10.14	149	1308461	57.711	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	554909	52.881	nq	98
62) 4-Nitroaniline	10.29	138	294058	56.398	nq	99
63) Azobenzene	10.41	77	1208070	59.455	nq	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	211945	59.332	nq	84
66) n-Nitrosodiphenylamine	10.37	169	1062169	58.903	nq	98
67) 4-Bromophenyl-phenylether	10.74	248	349067	51.767	nq	97
68) Hexachlorobenzene	10.80	284	371598	54.323	nq	96
69) Atrazine	10.90	200	329504	65.675	nq	97
70) Pentachlorophenol	11.00	266	398943	101.202	nq	98
71) Phenanthrene	11.22	178	1654103	57.320	nq	99
72) Anthracene	11.27	178	1711334	58.052	nq	98
73) Carbazole	11.43	167	1564327	56.114	nq	99
74) Di-n-butylphthalate	11.76	149	2022608	55.190	nq	99
75) Fluoranthene	12.40	202	1770301	56.856	nq	98
77) Benzidine	12.53	184	779942	63.982	nq	98
78) Pyrene	12.63	202	1790817	58.907	nq	99
80) Butylbenzylphthalate	13.26	149	833859	56.527	nq	99
81) Benzo(a)anthracene	13.82	228	1381657	58.239	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	238500	26.943	nq	98
83) Chrysene	13.86	228	1432919	59.443	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1110868	55.608	nq	100
85) Di-n-octyl phthalate	14.43	149	1838481	54.051	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	1284863	60.467	nq	99
88) Benzo(b)fluoranthene	14.84	252	1270167	58.245	nq	99
89) Benzo(k)fluoranthene	14.86	252	1093684	58.126	nq	98
90) Benzo(a)pyrene	15.17	252	1100055	59.996	nq	100
91) Dibenzo(a,h)anthracene	16.60	278	1055779	65.005	nq	99
92) Benzo(g,h,i)perylene	16.99	276	1047940	65.366	nq	97

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

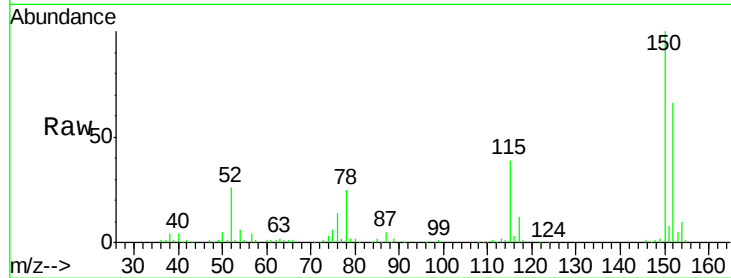


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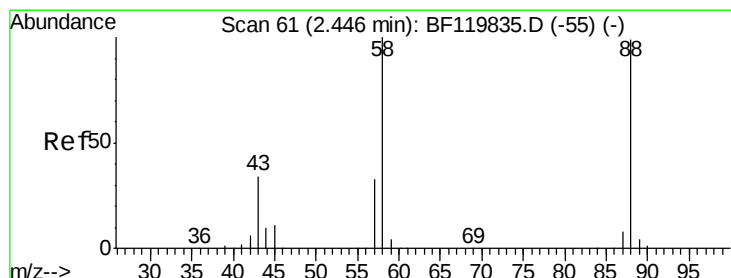
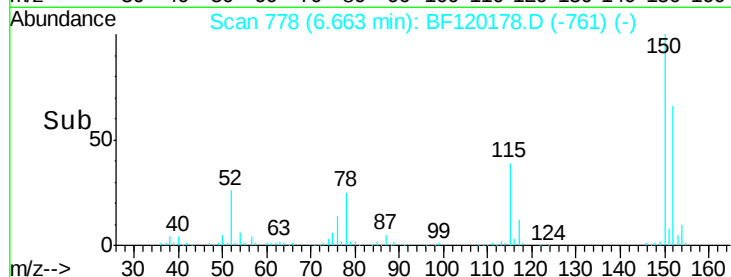
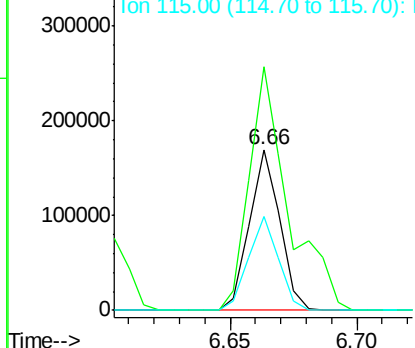
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Instrument :
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 ETGI-337MSD

Tot Ion:152 Resp: 141590
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.5 186.7
 115 58.7 49.6 74.4



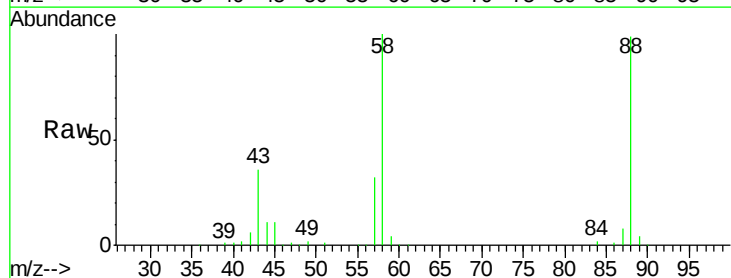
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



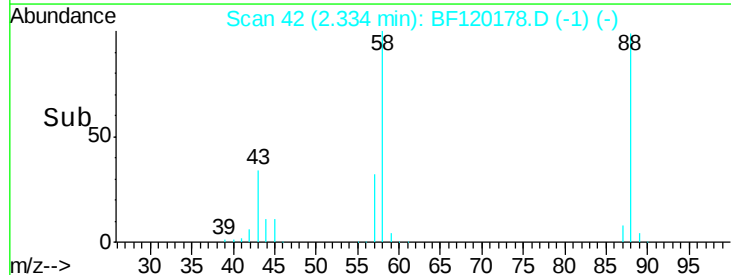
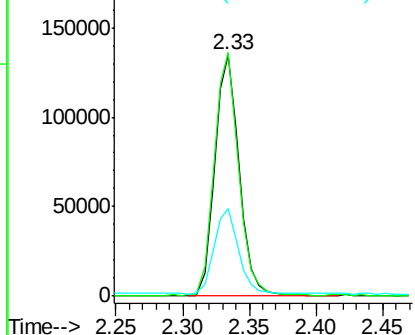
#2

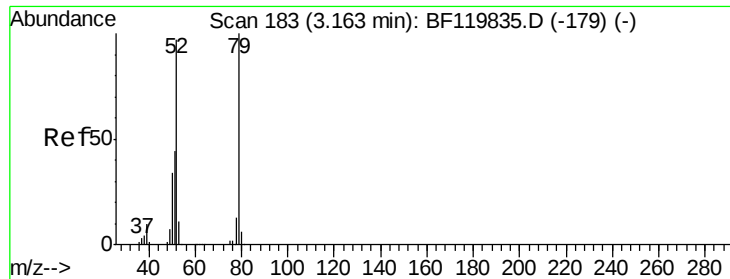
1,4-Dioxane
 Concen: 47.479 ng
 RT: 2.33 min Scan# 42
 Delta R.T. 0.06 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion: 88 Resp: 173257
 Ion Ratio Lower Upper
 88 100
 58 101.7 80.6 121.0
 43 35.1 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: 50.491 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

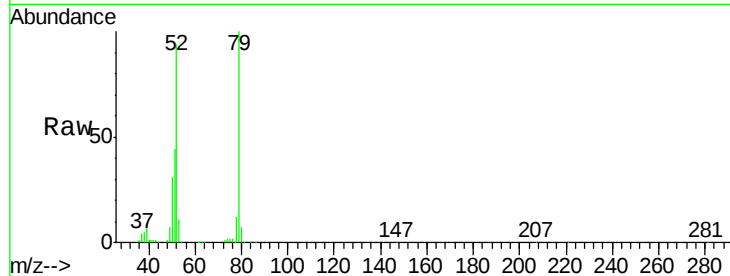
Tot Ion: 79 Resp: 505521

Ion Ratio Lower Upper

79 100

52 94.5 80.2 120.2

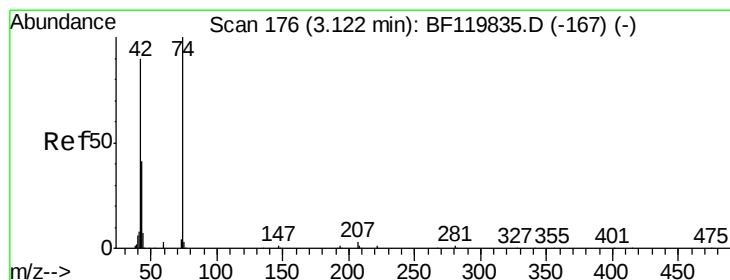
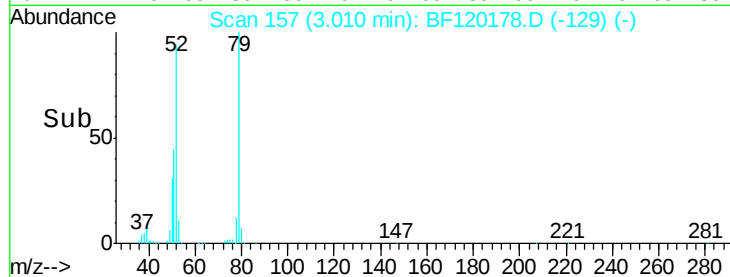
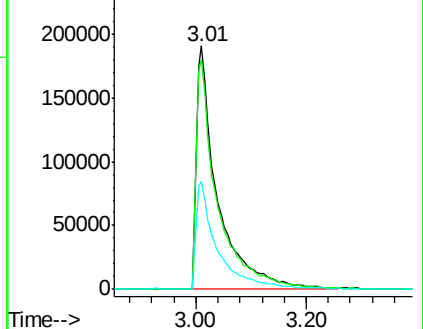
51 44.3 37.7 56.5



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: 56.525 ng

RT: 2.98 min Scan# 151

Delta R.T. 0.07 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

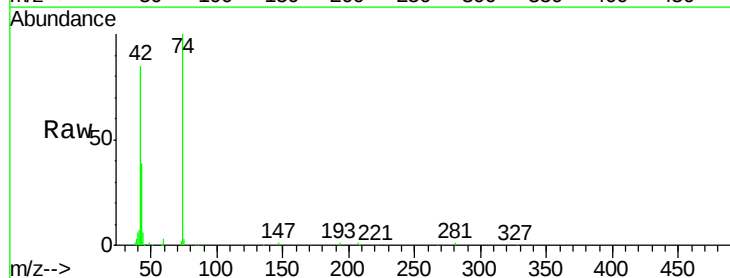
Tgt Ion: 42 Resp: 289154

Ion Ratio Lower Upper

42 100

74 117.3 91.5 137.3

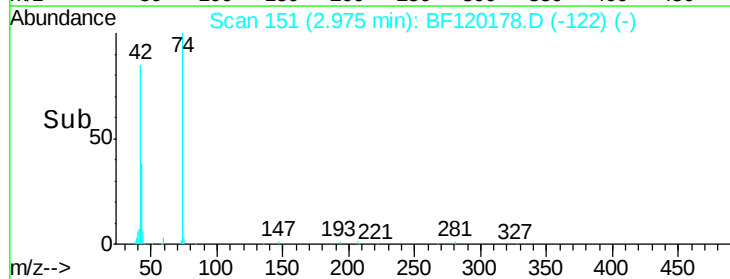
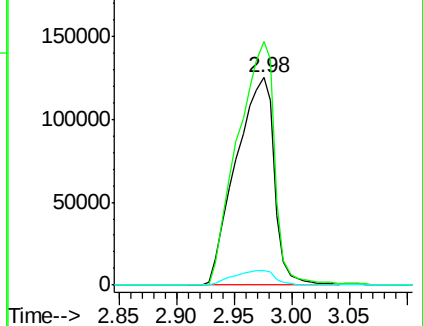
44 7.2 6.2 9.4

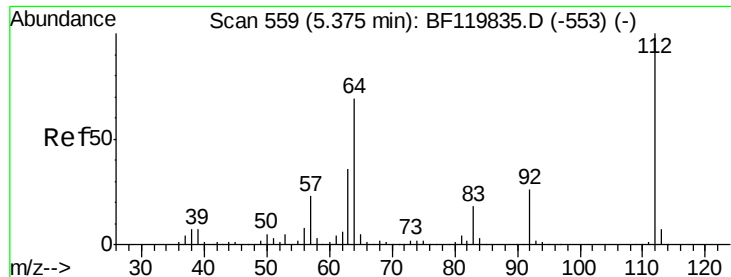


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 144.819 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

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ETGI-337MSD

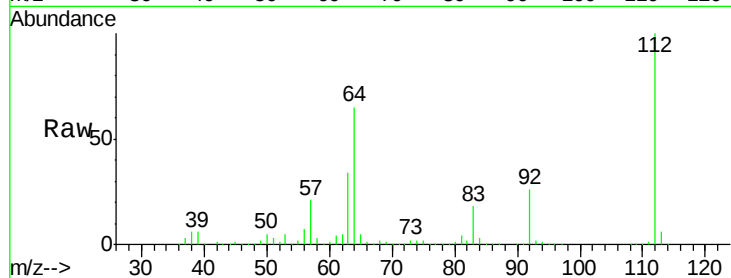
Tot Ion:112 Resp: 1186504

Ion Ratio Lower Upper

112 100

64 65.3 56.7 85.1

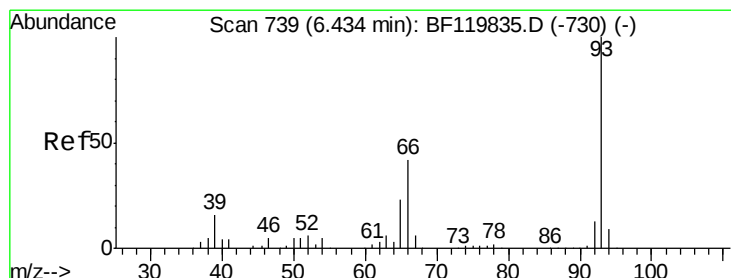
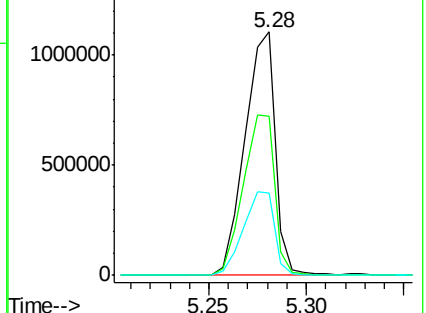
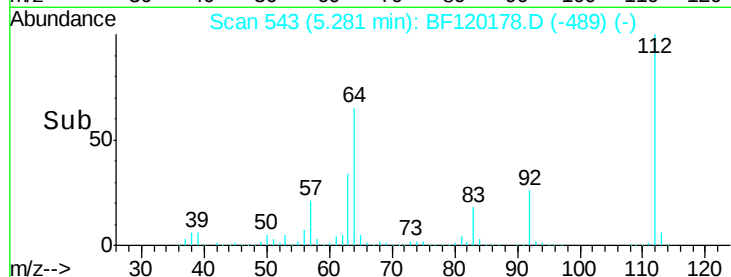
63 33.8 29.5 44.3



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: 38.500 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

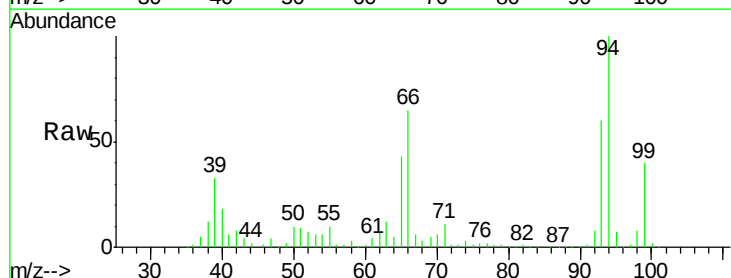
Tgt Ion: 93 Resp: 533473

Ion Ratio Lower Upper

93 100

66 108.9 34.9 52.3#

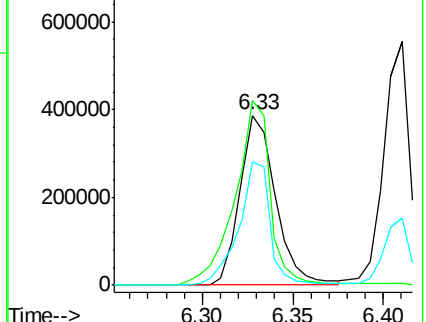
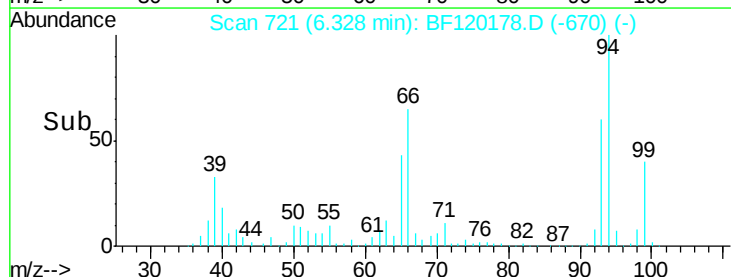
65 72.6 18.6 27.8#



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: 156.128 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

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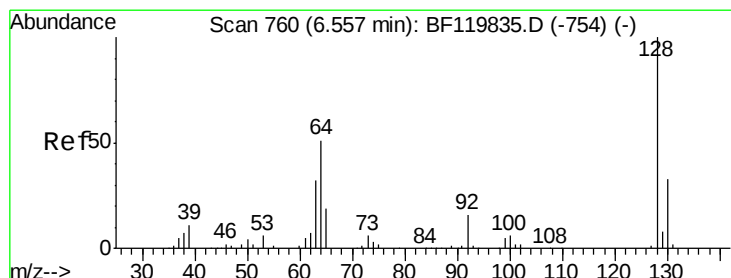
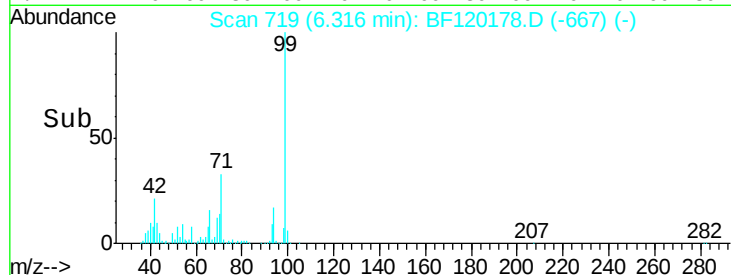
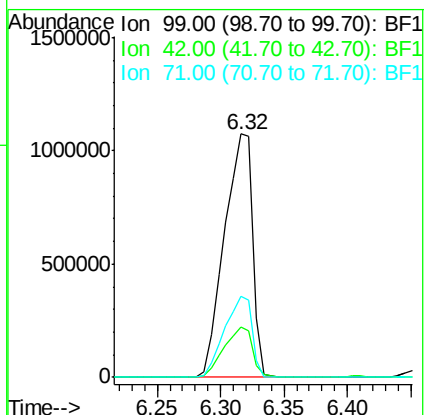
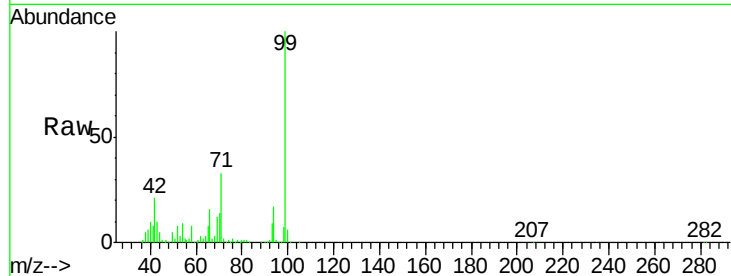
Tot Ion: 99 Resp: 1648256

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

71 33.4 26.4 39.6



#8

2-Chlorophenol

Concen: 63.244 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120178.D

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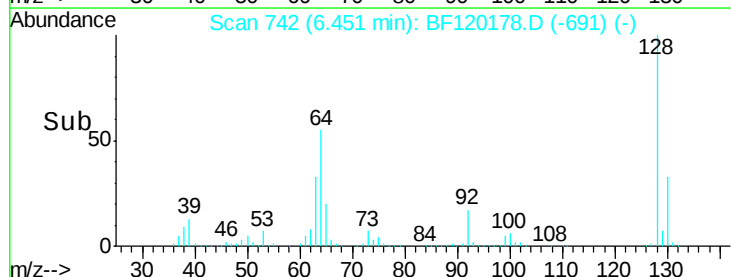
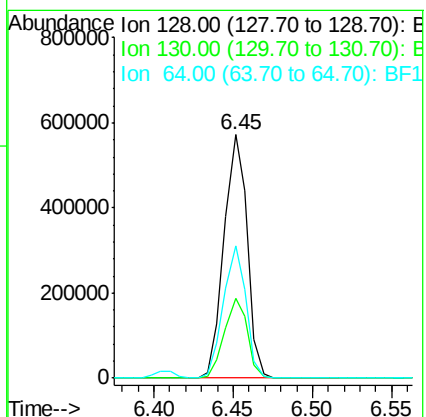
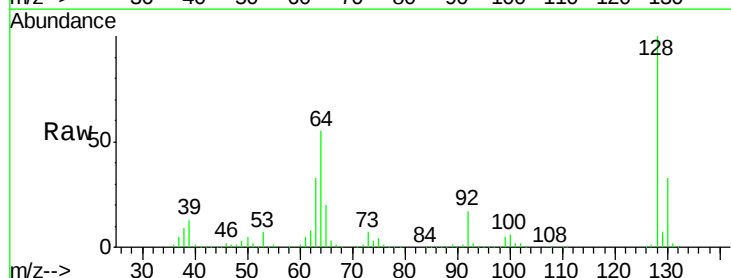
Tgt Ion: 128 Resp: 578952

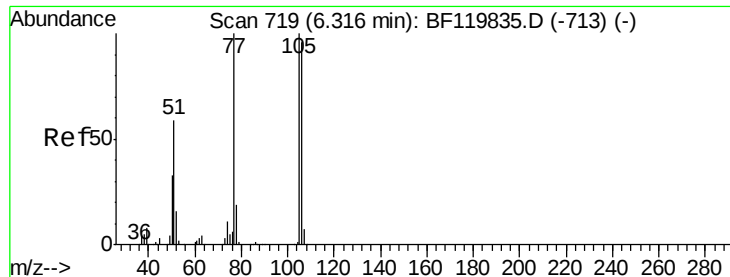
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 54.5 35.3 75.3





#9

Benzaldehyde

Concen: 41.873 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

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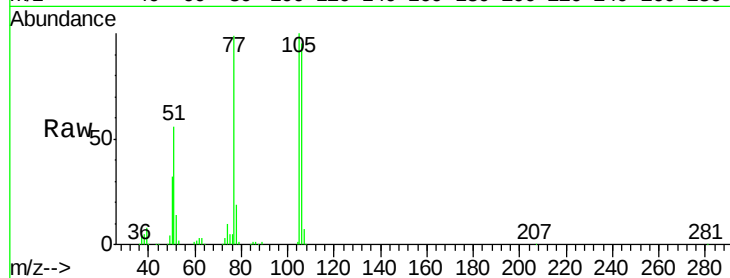
Tot Ion: 77 Resp: 232444

Ion Ratio Lower Upper

77 100

105 101.0 80.9 120.9

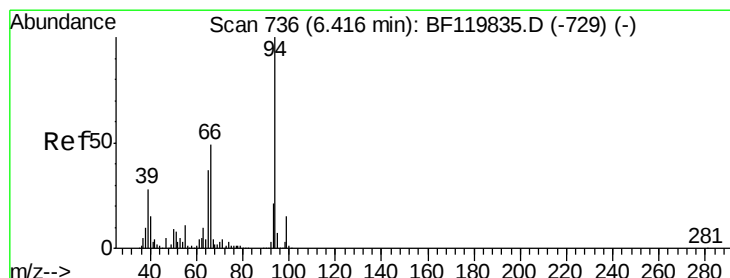
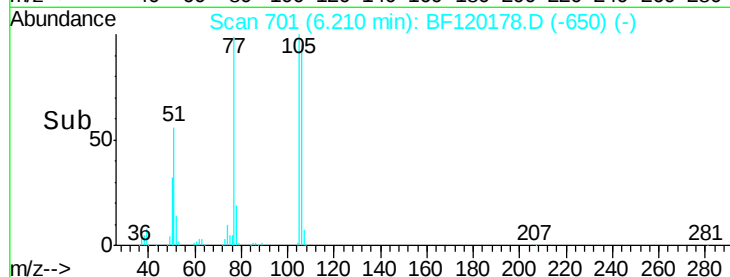
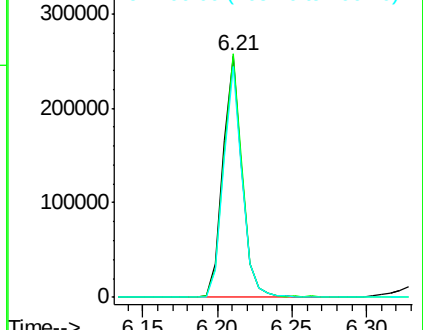
106 95.6 77.9 117.9



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: 60.864 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

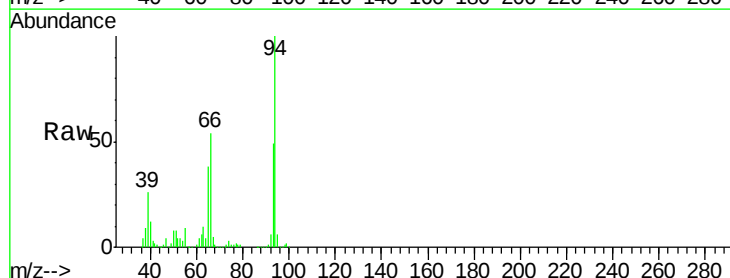
Tgt Ion: 94 Resp: 728958

Ion Ratio Lower Upper

94 100

65 38.0 13.2 53.2

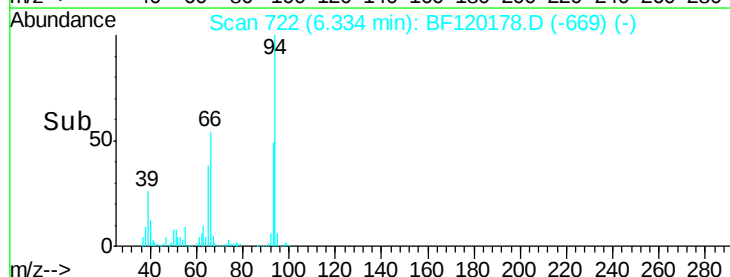
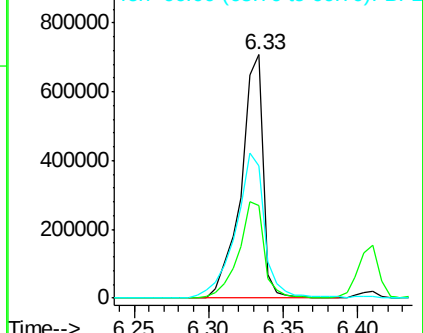
66 54.4 22.3 62.3

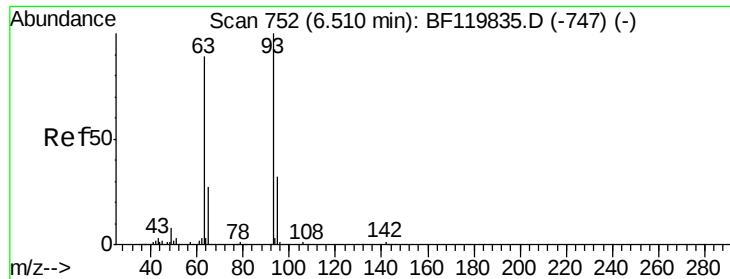


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

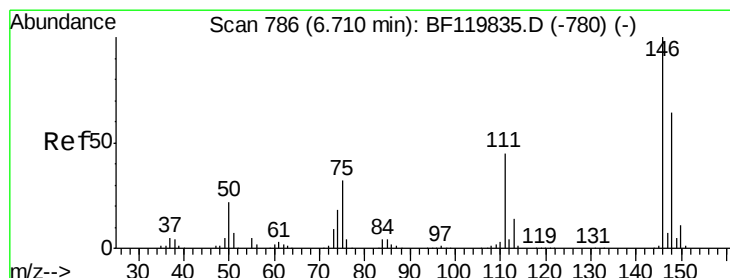
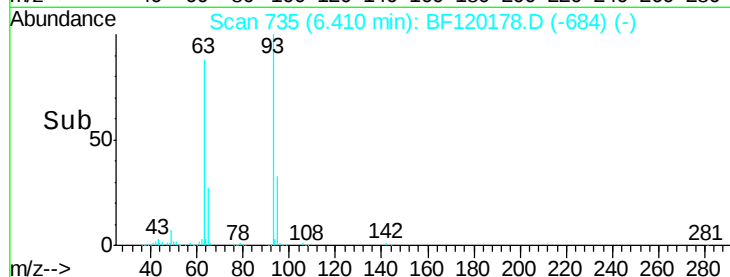
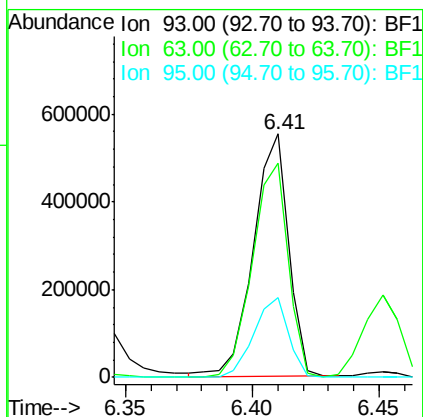
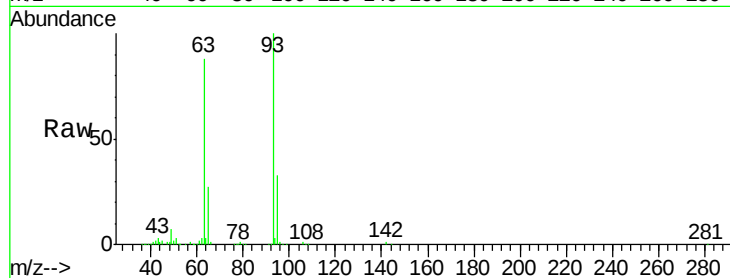




#11
bis(2-Chloroethyl)ether
Concen: 58.015 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

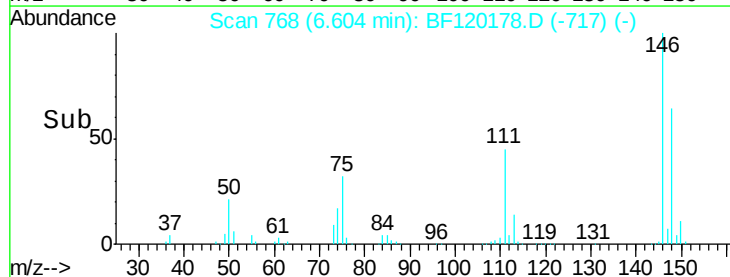
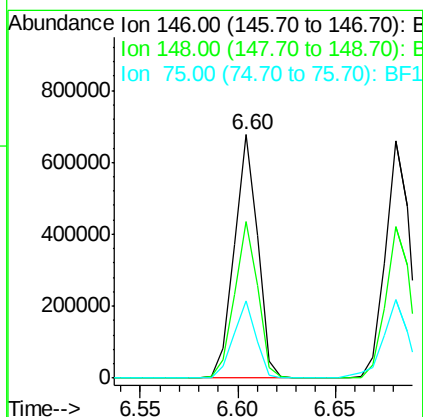
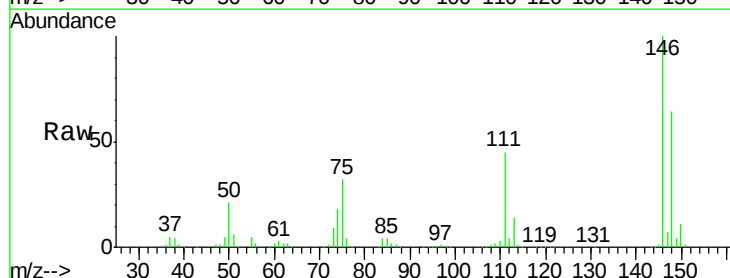
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

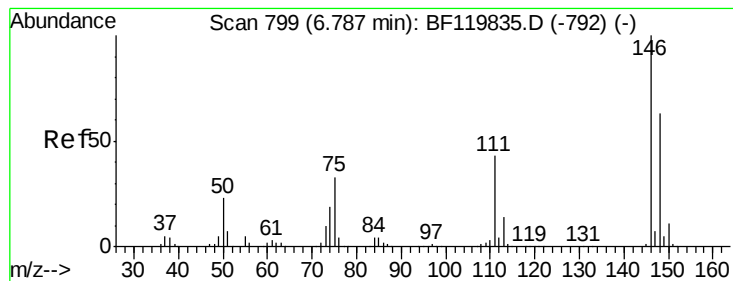
Tot Ion: 93 Resp: 536496
Ion Ratio Lower Upper
93 100
63 88.0 70.2 110.2
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 55.960 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion: 146 Resp: 560830
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
75 31.7 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 55.309 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

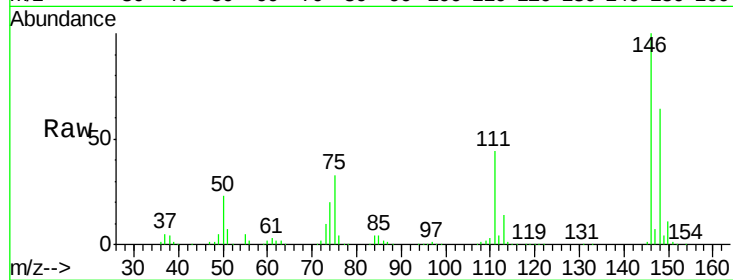
Tot Ion:146 Resp: 564651

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

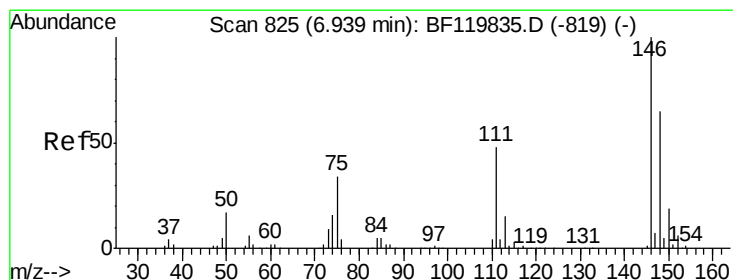
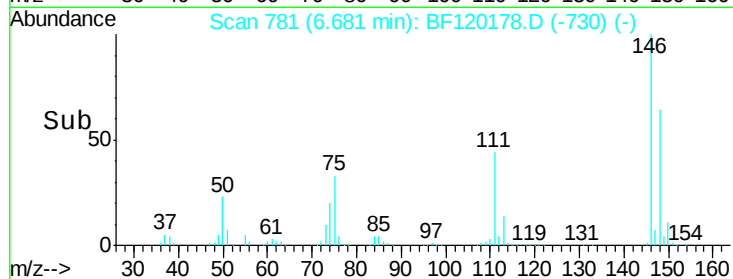
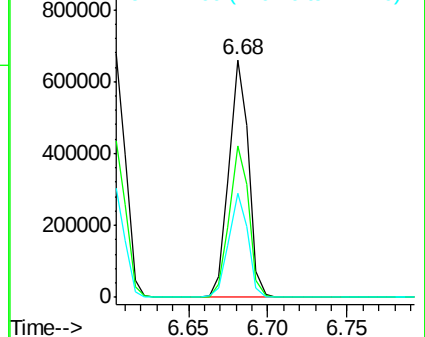
111 43.6 33.3 49.9



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: 56.553 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

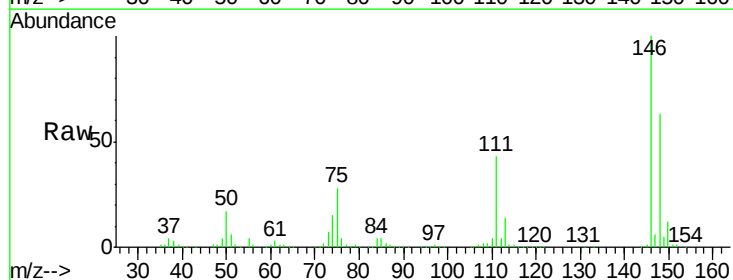
Tgt Ion:146 Resp: 532084

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

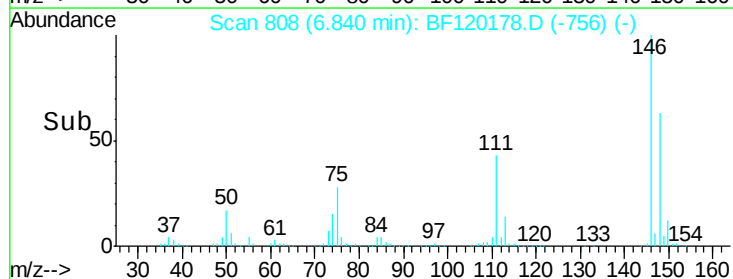
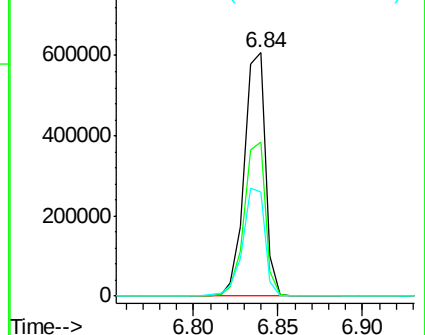
111 42.5 36.1 54.1

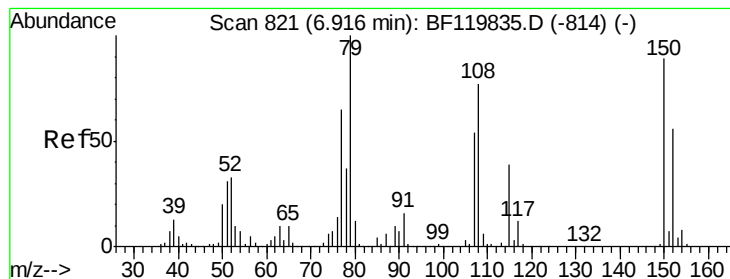


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.343 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

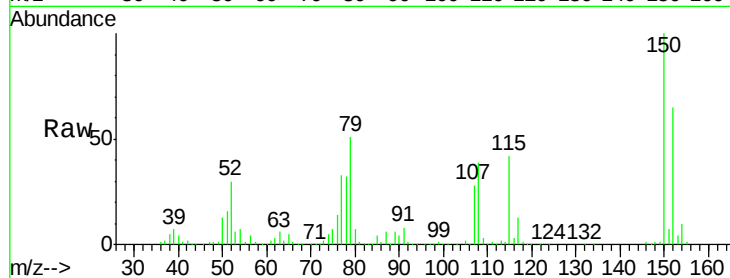
Tot Ion: 79 Resp: 461997

Ion Ratio Lower Upper

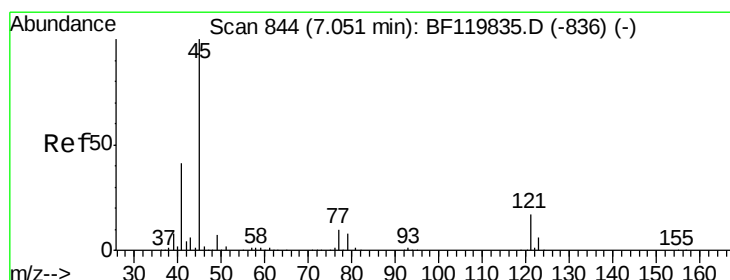
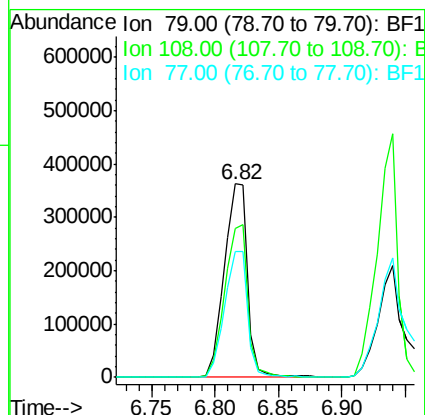
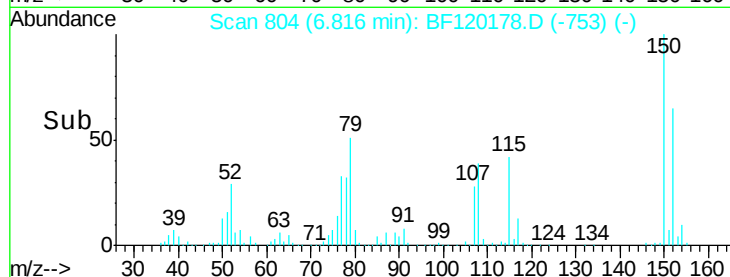
79 100

108 76.8 60.6 90.8

77 64.9 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.108 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

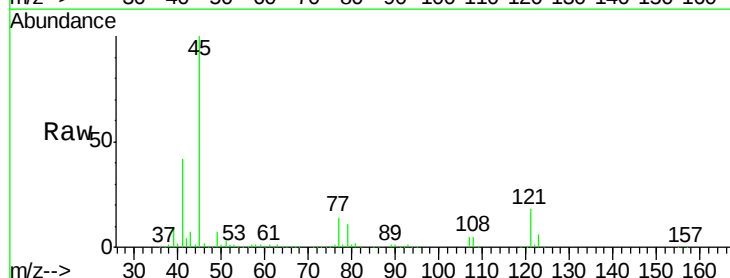
Tgt Ion: 45 Resp: 919692

Ion Ratio Lower Upper

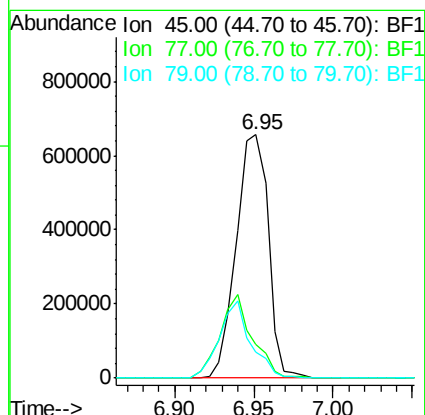
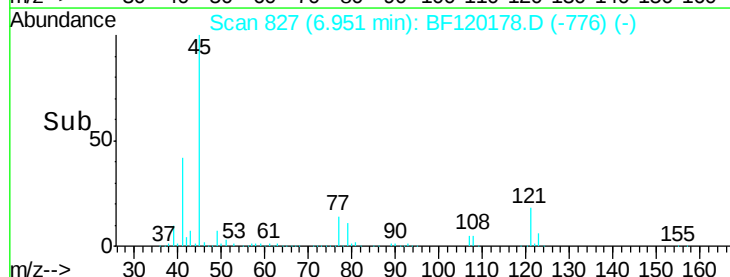
45 100

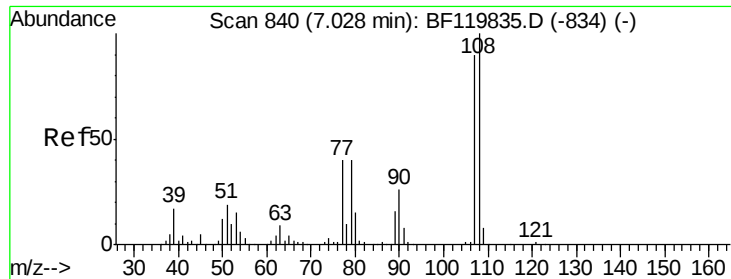
77 13.8 0.0 30.7

79 10.8 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

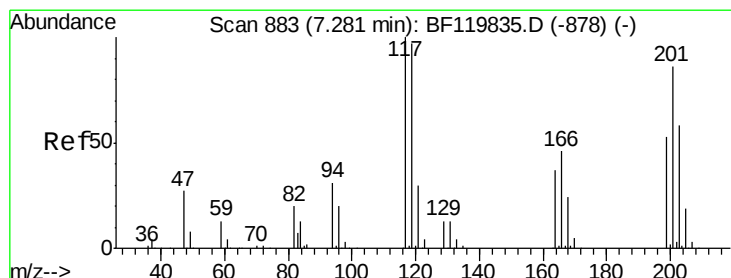
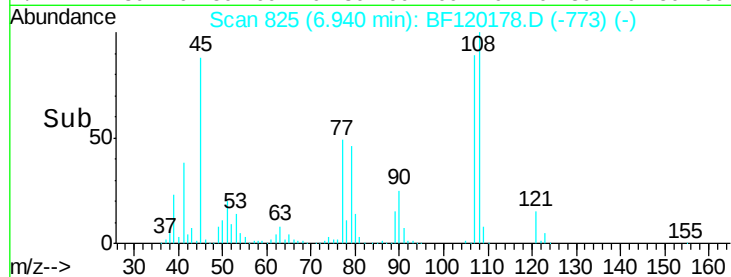
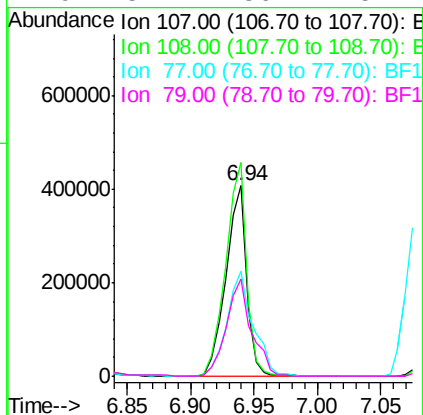
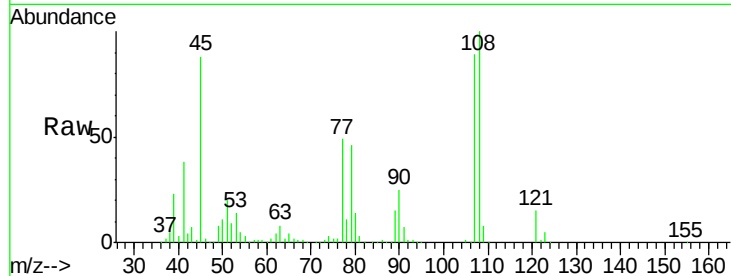




#17
2-Methylphenol
Concen: 56.575 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

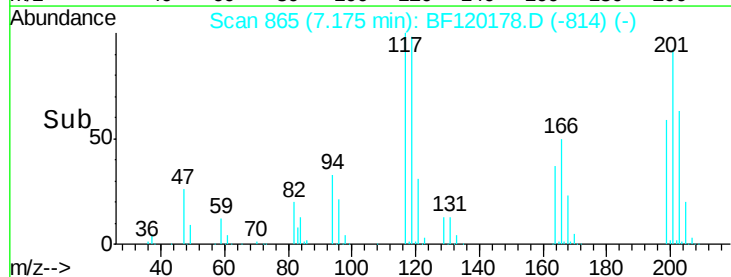
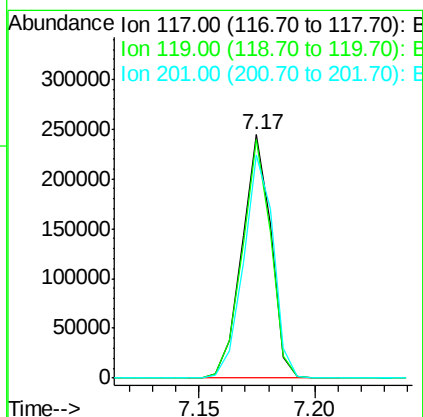
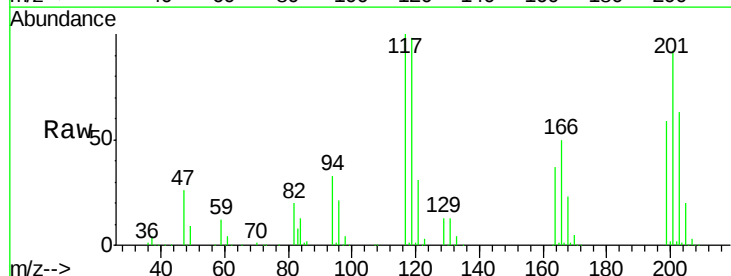
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:107 Resp: 462183
Ion Ratio Lower Upper
107 100
108 112.1 92.2 138.4
77 55.1 36.6 54.8#
79 51.4 36.2 54.4



#18
Hexachloroethane
Concen: 56.184 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:117 Resp: 214362
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
201 91.5 73.0 109.6

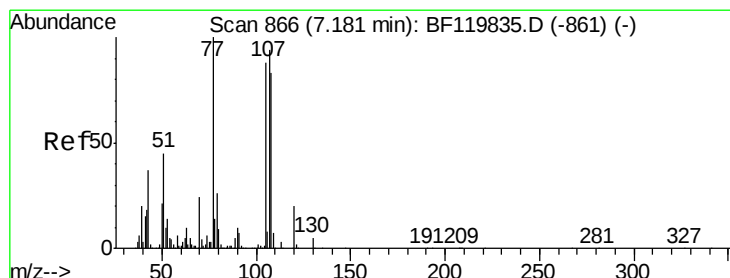
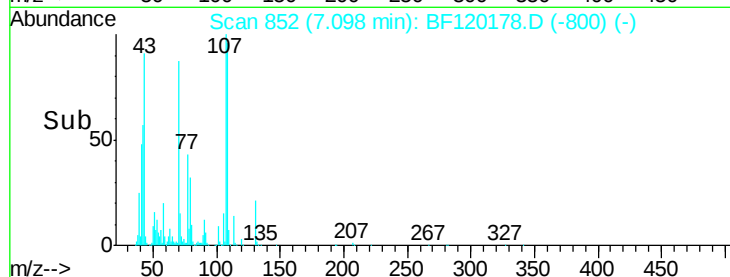
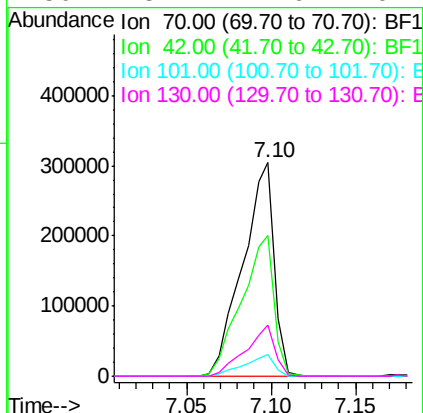
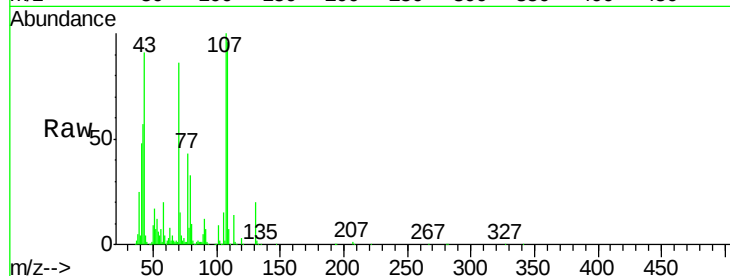




#19
n-Nitroso-di-n-propylamine
Concen: 58.266 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

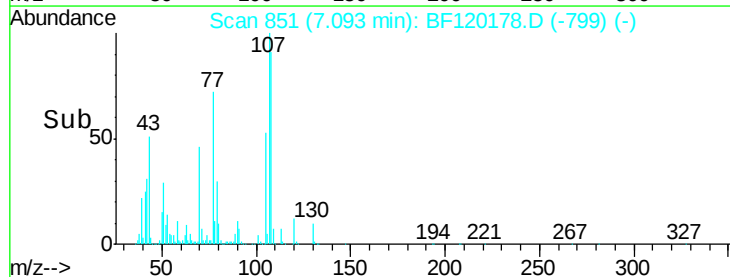
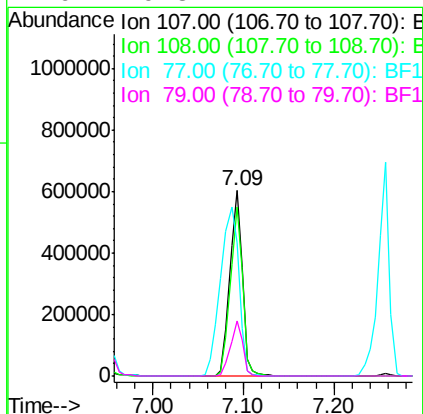
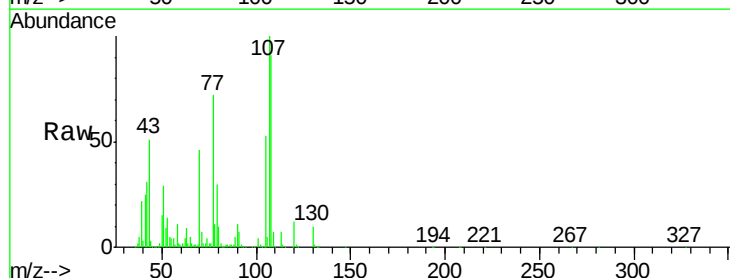
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

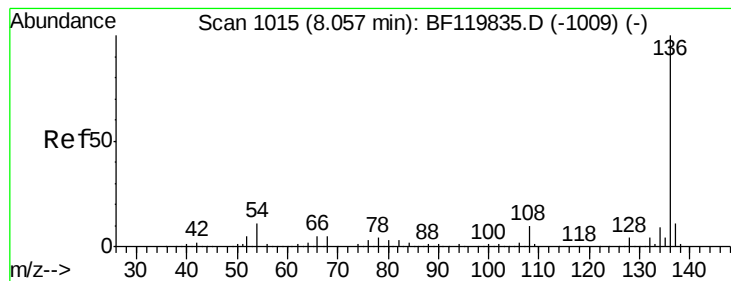
Tot Ion:	70	Resp:	395549
Ion	Ratio	Lower	Upper
70	100		
42	66.2	54.5	81.7
101	10.1	7.6	11.4
130	23.7	17.6	26.4



#20
3+4-Methylphenols
Concen: 58.066 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:	107	Resp:	580167
Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.9	107.9
77	71.9	52.9	92.9
79	29.8	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

Tot Ion:136 Resp: 540363

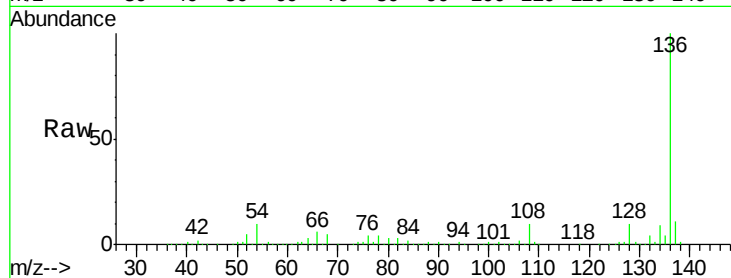
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.9 9.1 13.7

68 5.2 4.6 6.8

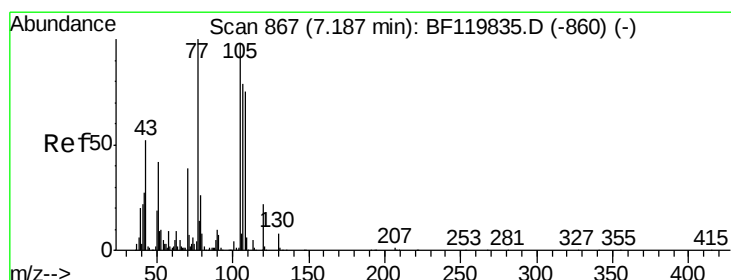
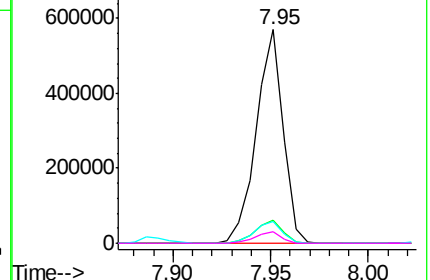
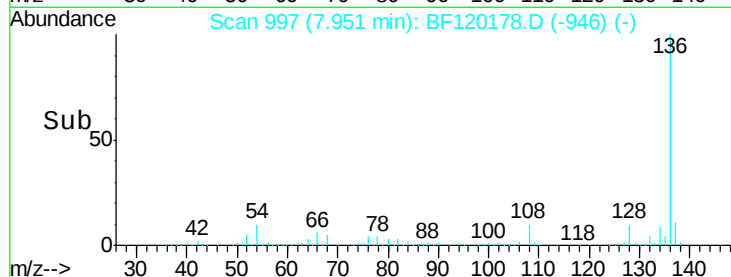


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.875 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Tgt Ion:105 Resp: 770293

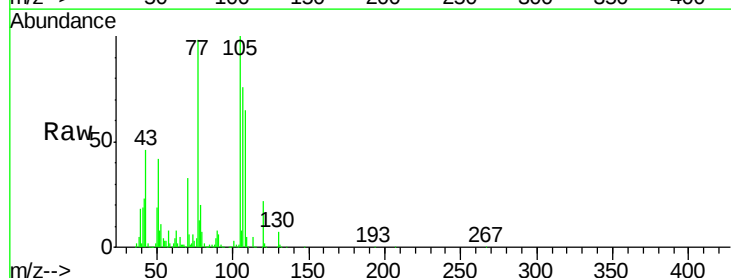
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 42.0 26.2 39.4#

120 21.6 18.3 27.5

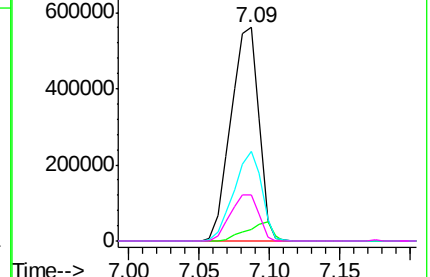
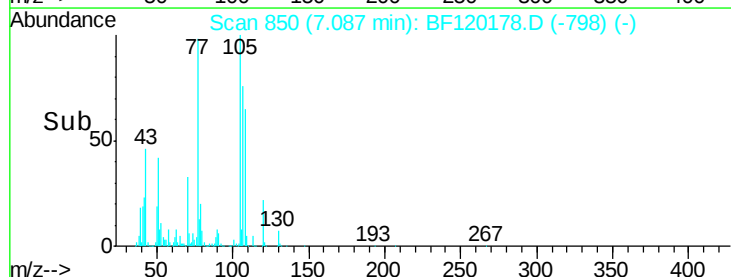


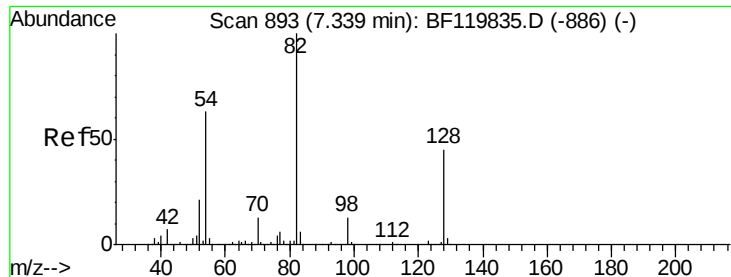
Abundance Ion 105.00 (104.70 to 105.70): E

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

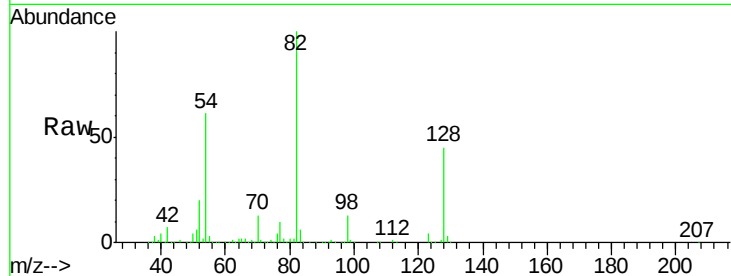




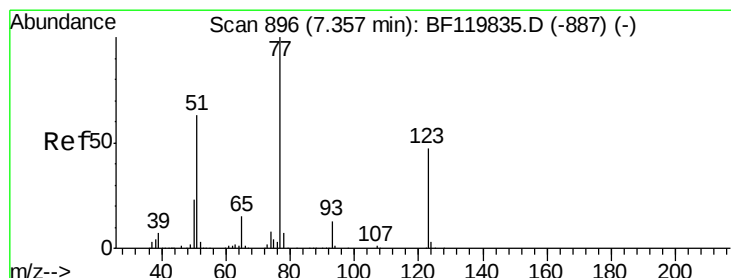
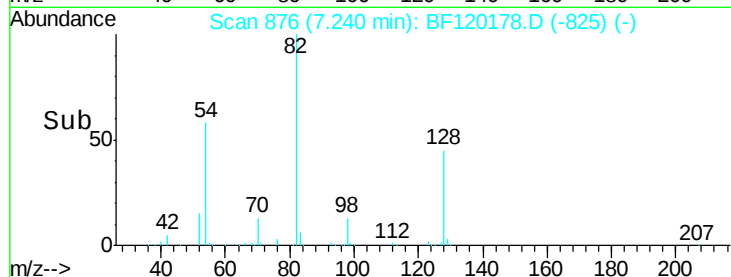
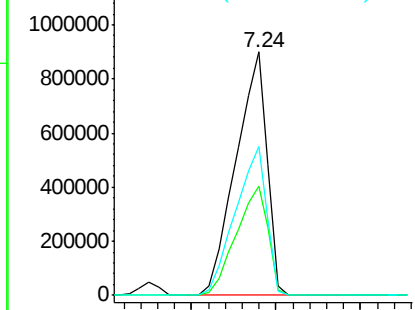
#23
 Nitrobenzene-d5
 Concen: 110.455 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion: 82 Resp: 1153716
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.3 54.5
 54 61.0 50.6 75.8

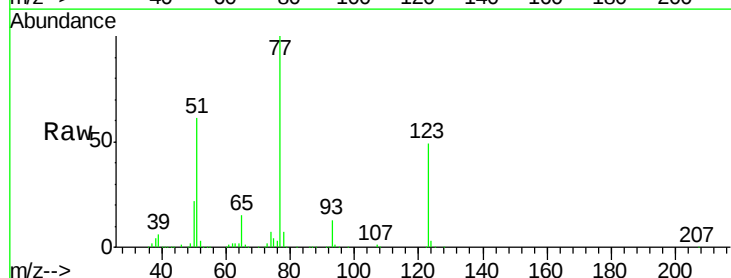


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

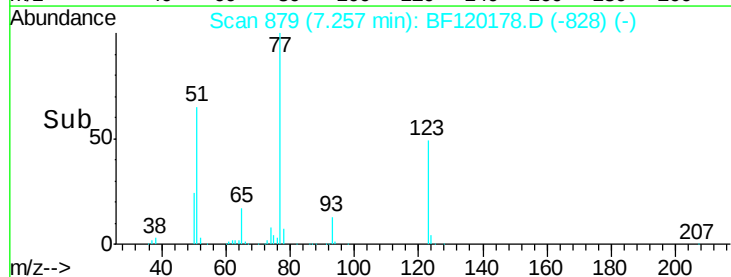
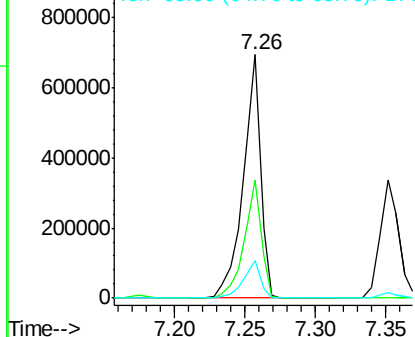


#24
 Nitrobenzene
 Concen: 56.717 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion: 77 Resp: 595952
 Ion Ratio Lower Upper
 77 100
 123 48.6 38.0 57.0
 65 15.3 12.6 18.8



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





#25

Isophorone

Concen: 56.177 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

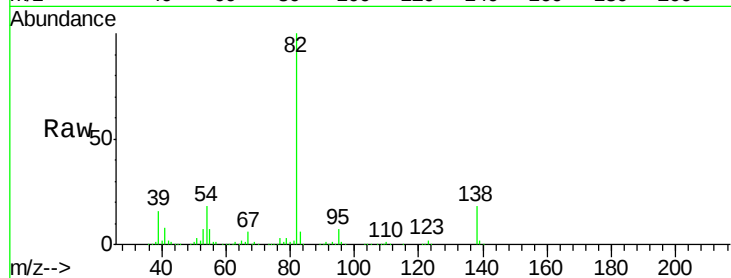
Tot Ion: 82 Resp: 1131139

Ion Ratio Lower Upper

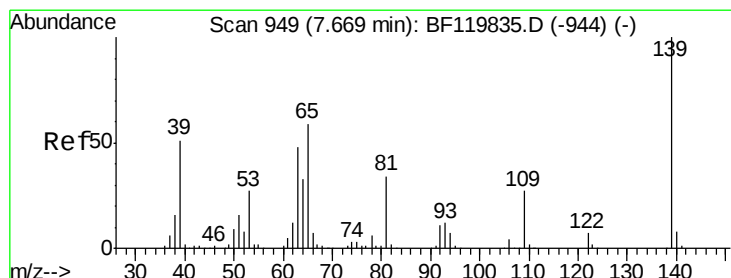
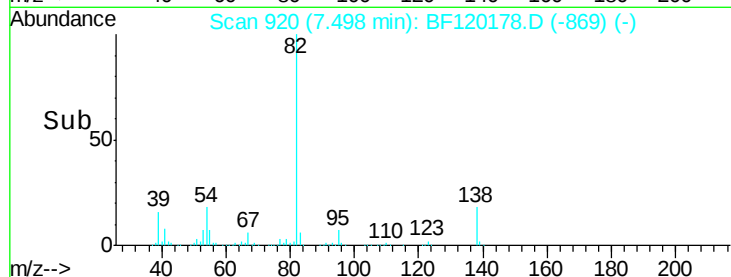
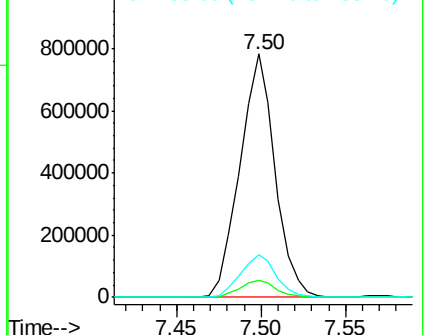
82 100

95 7.1 5.8 8.6

138 17.6 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: 60.519 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

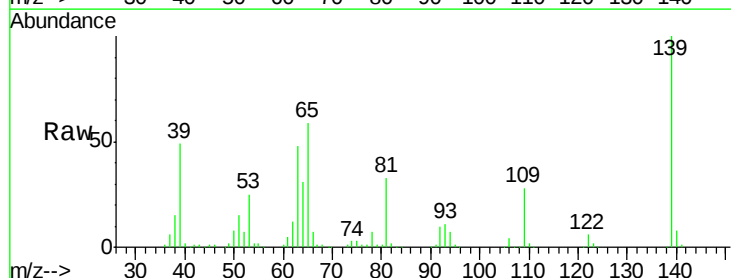
Tgt Ion: 139 Resp: 317692

Ion Ratio Lower Upper

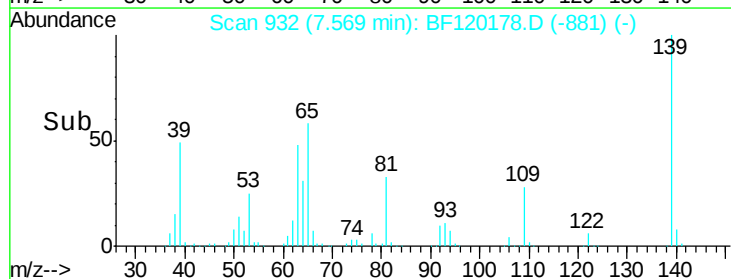
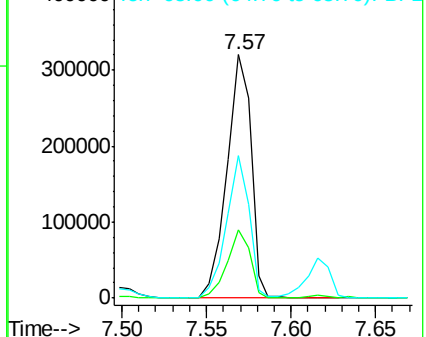
139 100

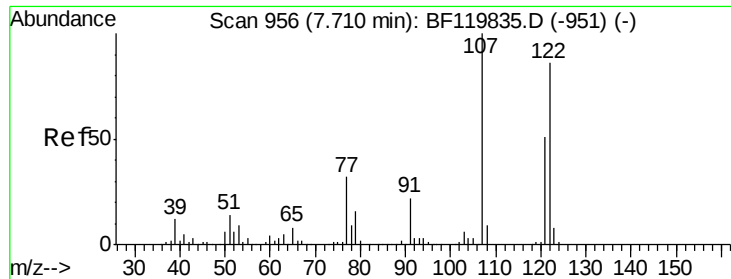
109 27.8 22.1 33.1

65 58.7 49.2 73.8



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

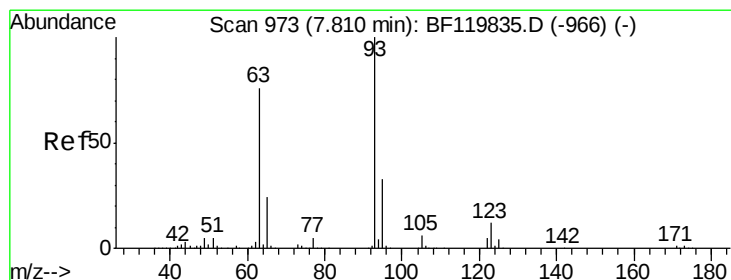
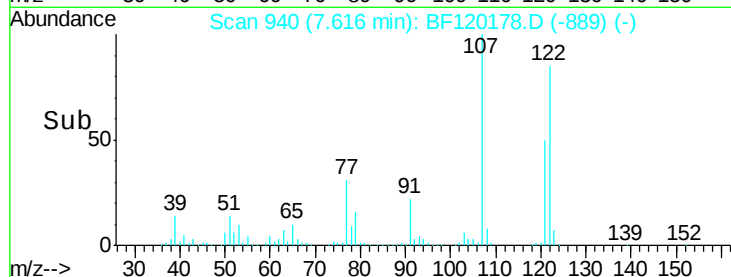
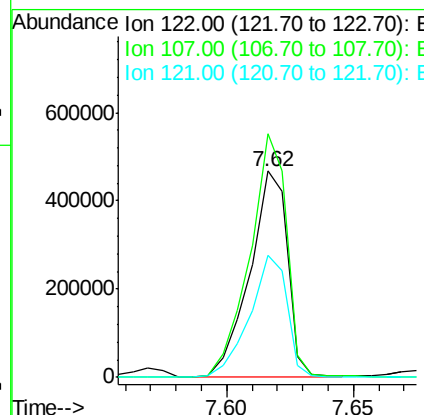
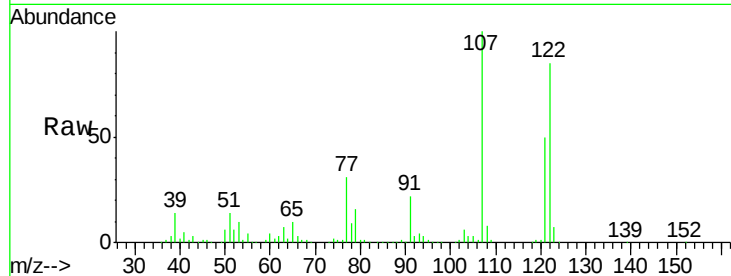




#27
 2,4-Dimethylphenol
 Concen: 61.666 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

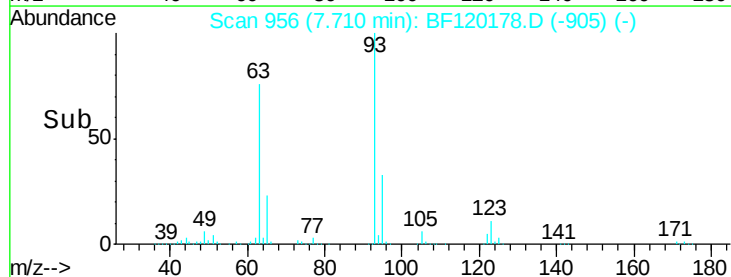
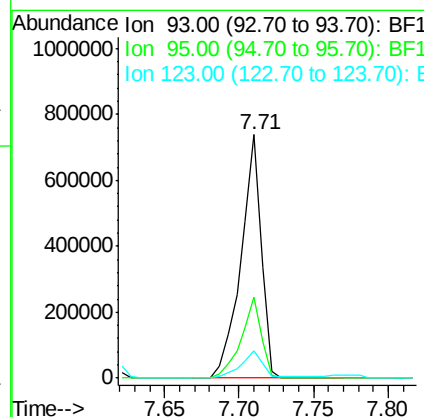
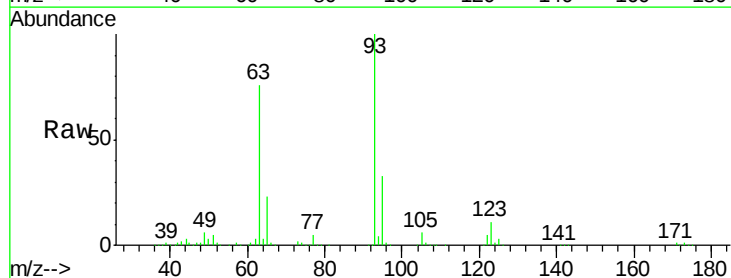
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

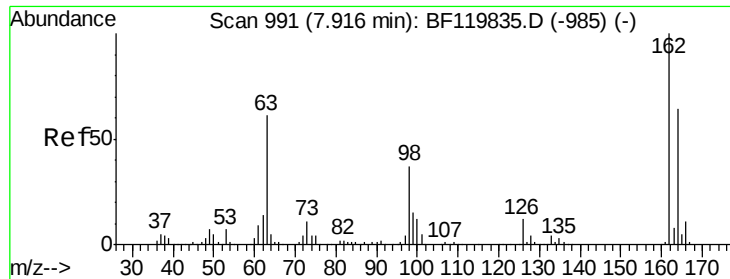
Tot Ion:122 Resp: 488223
 Ion Ratio Lower Upper
 122 100
 107 118.2 89.0 133.6
 121 59.1 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.671 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion: 93 Resp: 707001
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.4 9.7 14.5

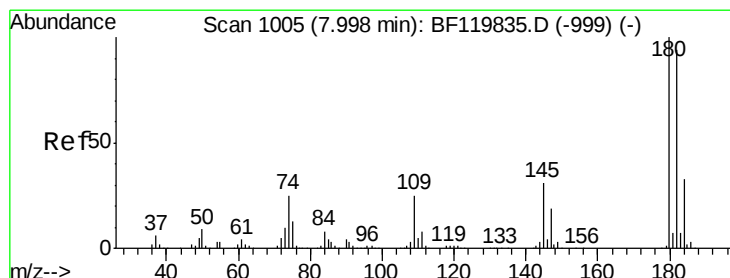
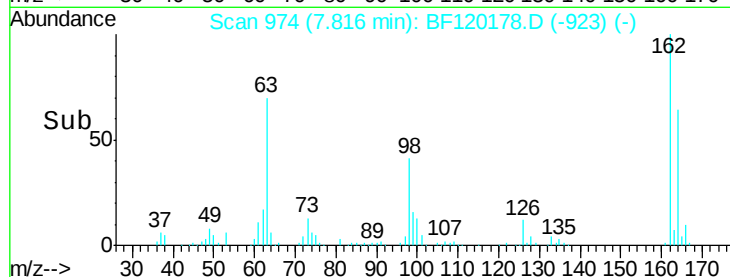
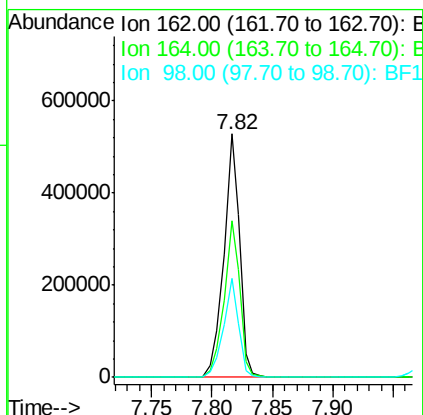
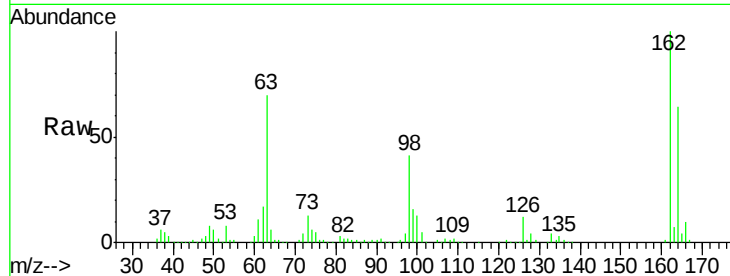




#29
 2,4-Dichlorophenol
 Concen: 58.719 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

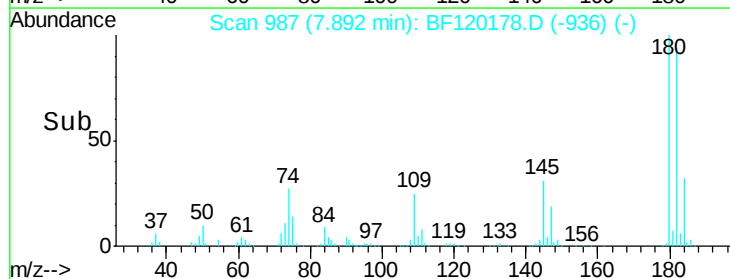
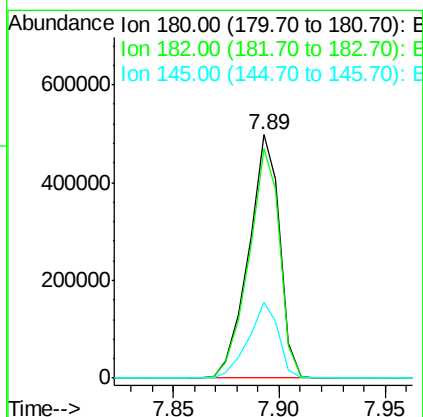
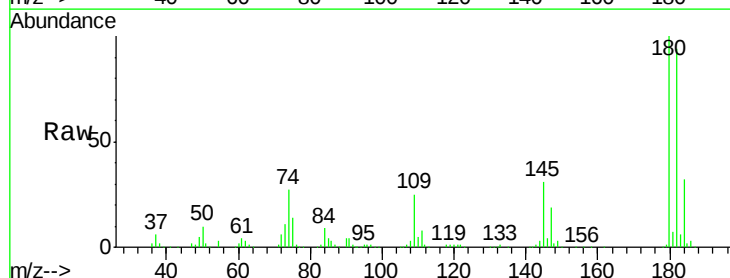
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

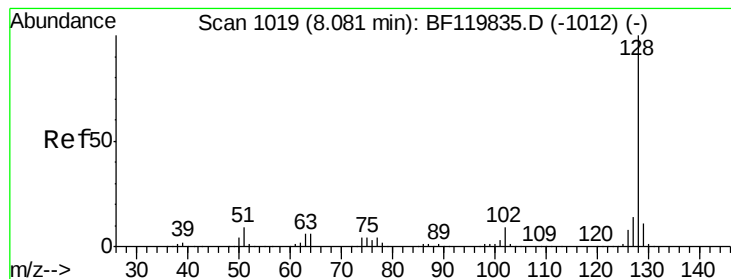
Tot Ion:162 Resp: 476529
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.7 84.7
 98 40.5 20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 55.211 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion:180 Resp: 507687
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.7 112.1
 145 31.2 24.5 36.7





#31

Naphthalene

Concen: 56.826 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

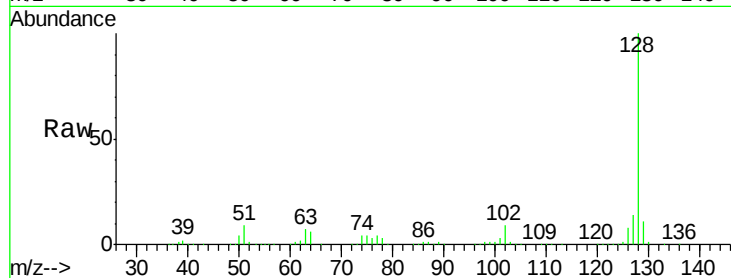
Tot Ion:128 Resp: 1615555

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

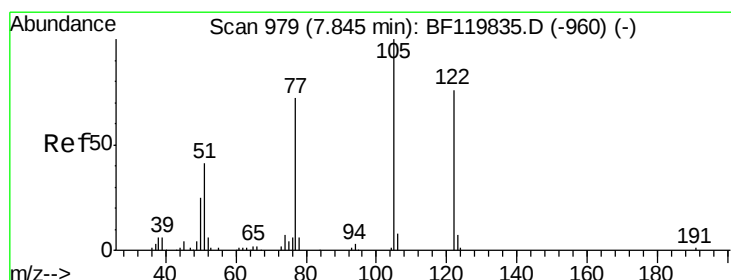
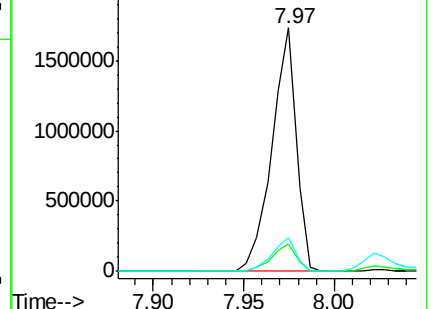
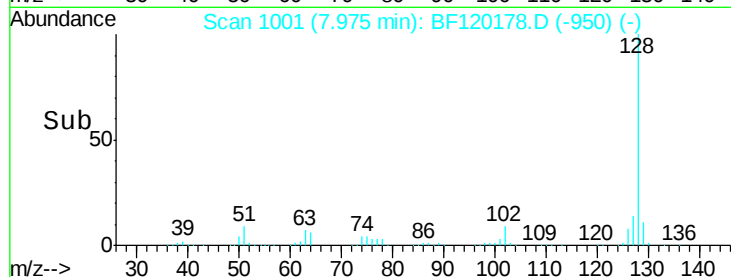
127 13.7 11.3 16.9



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: 54.445 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

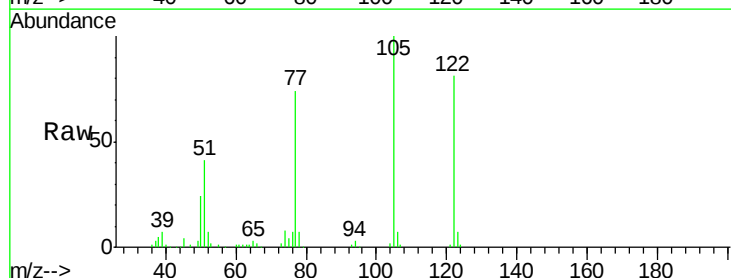
Tgt Ion:122 Resp: 378571

Ion Ratio Lower Upper

122 100

105 123.1 104.9 144.9

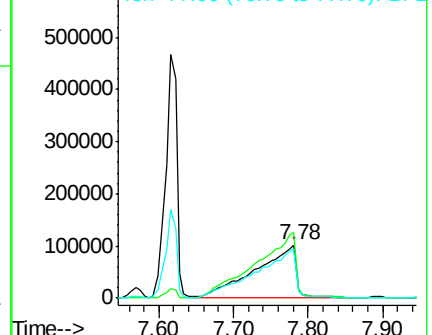
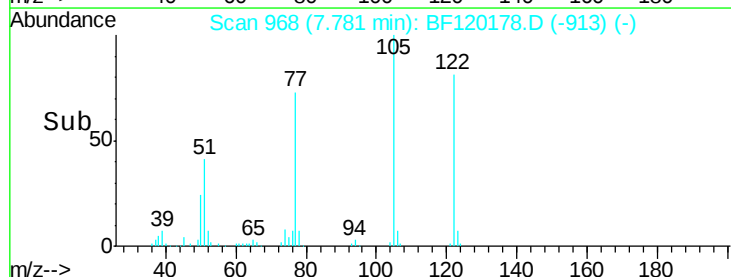
77 90.8 74.4 114.4



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

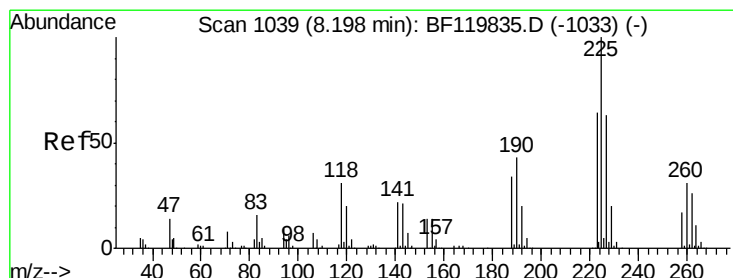
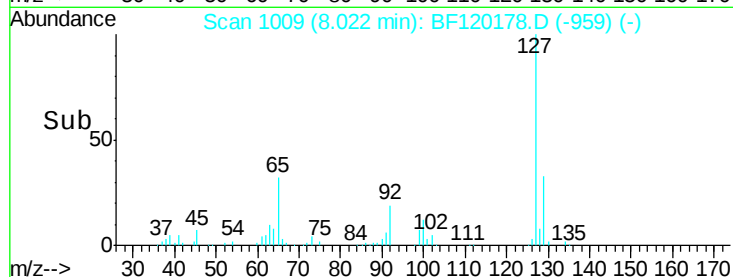
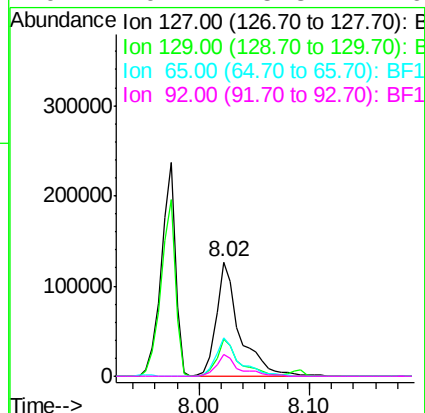
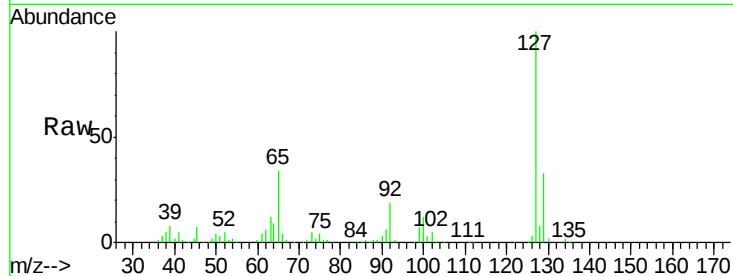




#33
4-Chloroaniline
Concen: 14.773 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

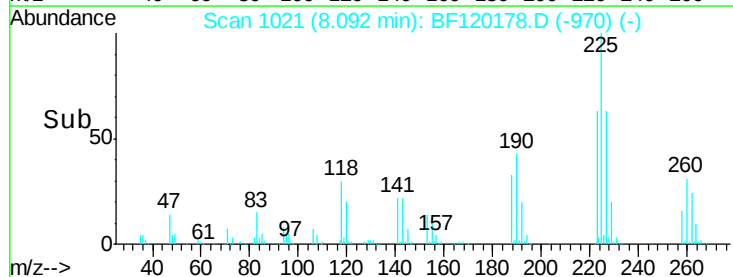
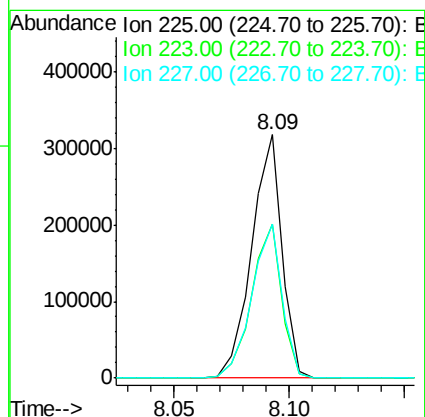
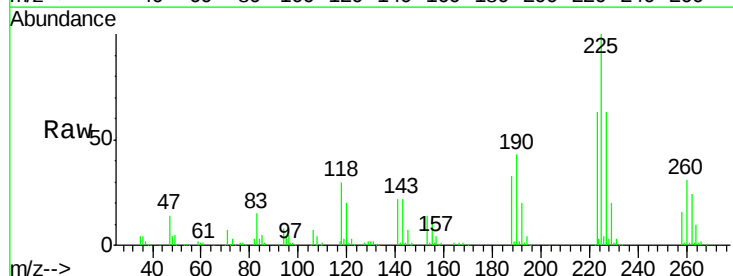
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:	127	Resp:	182843
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	33.8	27.4	41.0
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 52.916 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:	225	Resp:	291272
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.3	50.7	76.1

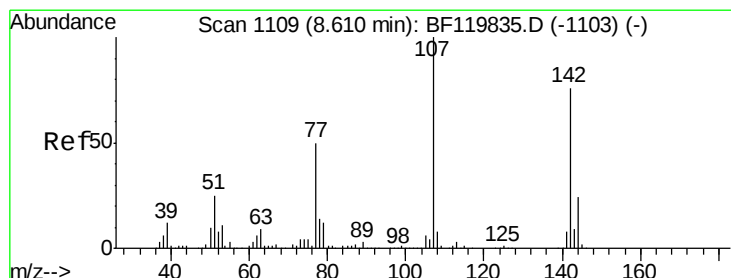
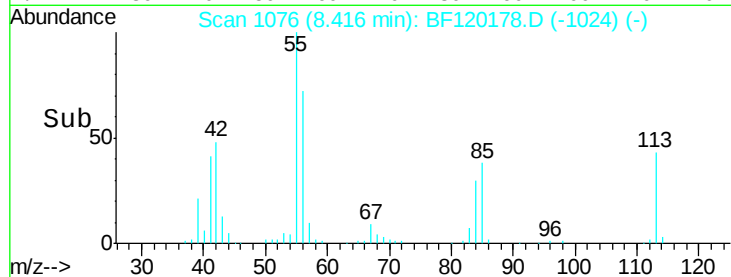
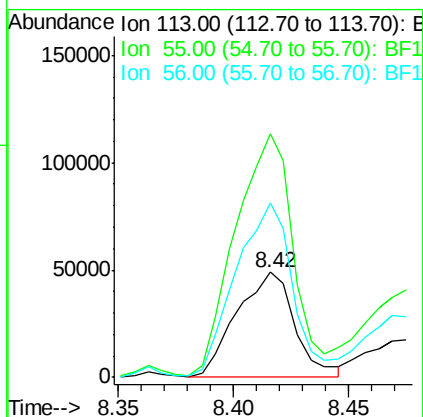
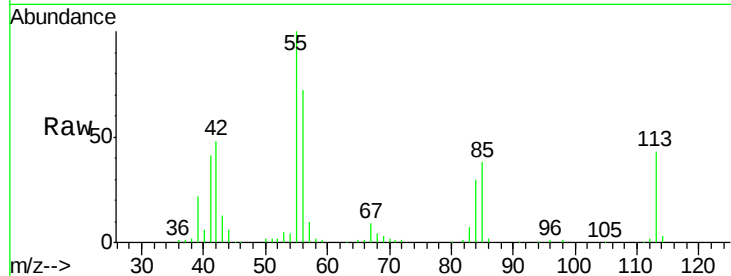




#35
 Caprolactam
 Concen: 34.653 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

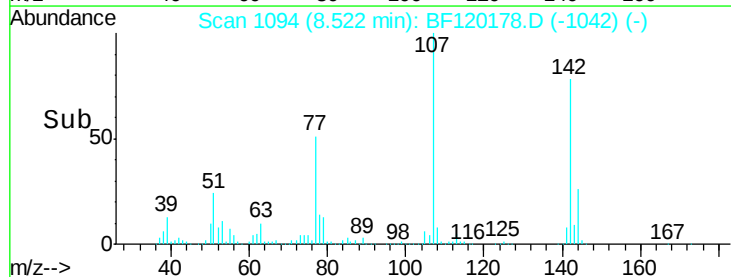
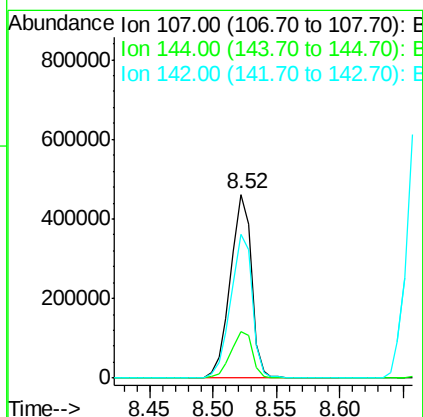
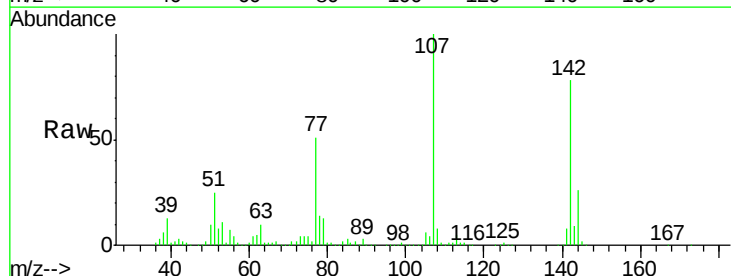
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

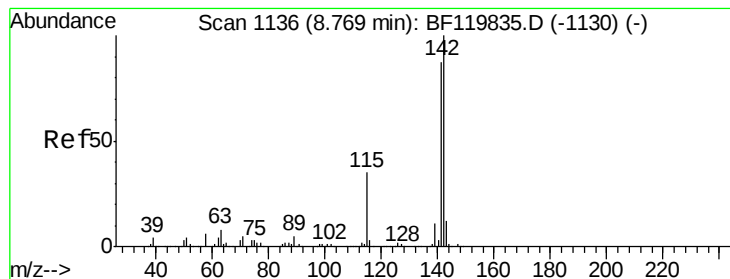
Tot Ion:113 Resp: 86023
 Ion Ratio Lower Upper
 113 100
 55 231.5 218.4 258.4
 56 166.3 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 60.464 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion:107 Resp: 531245
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.6
 142 78.2 64.4 96.6





#37

2-Methylnaphthalene

Concen: 58.015 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

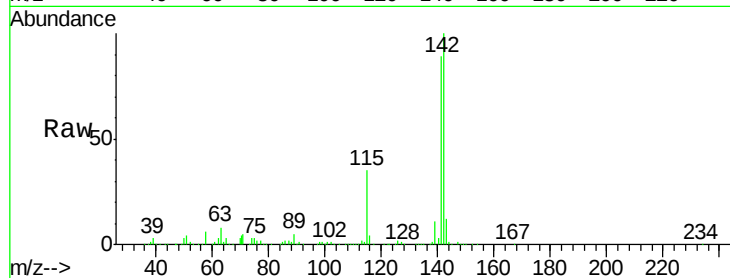
Tot Ion:142 Resp: 1118213

Ion Ratio Lower Upper

142 100

141 89.0 71.7 107.5

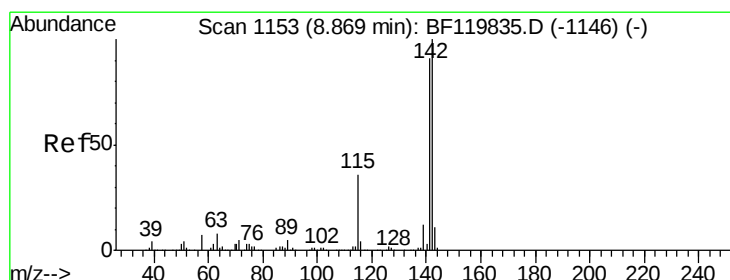
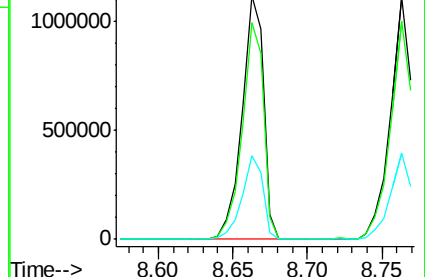
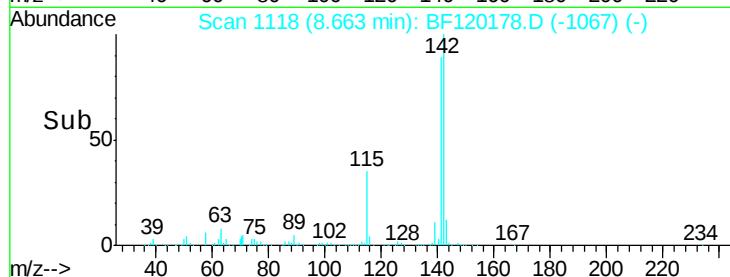
115 34.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 57.888 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

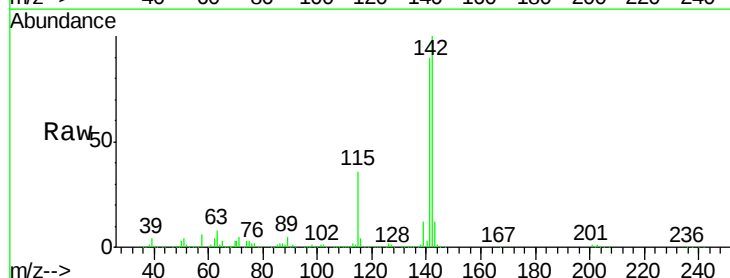
Tgt Ion:142 Resp: 1051671

Ion Ratio Lower Upper

142 100

141 90.2 73.7 110.5

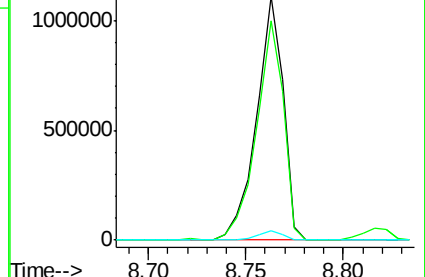
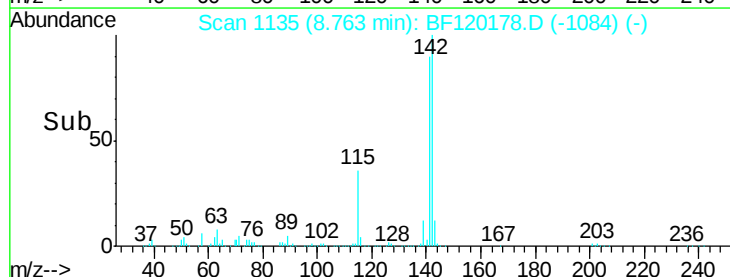
116 3.8 3.0 4.6

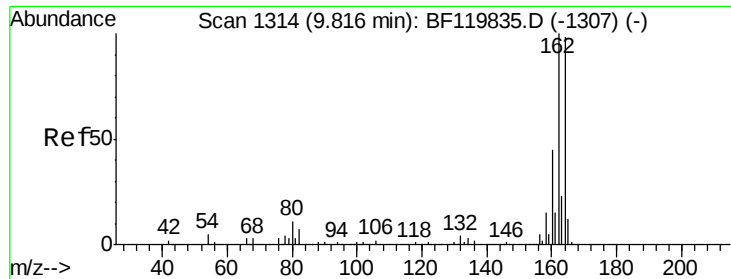


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

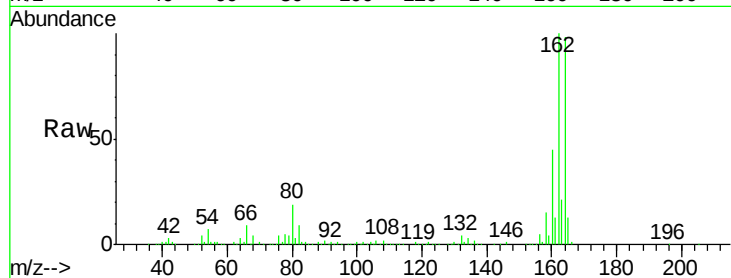
Tot Ion:164 Resp: 282820

Ion Ratio Lower Upper

164 100

162 102.5 80.6 121.0

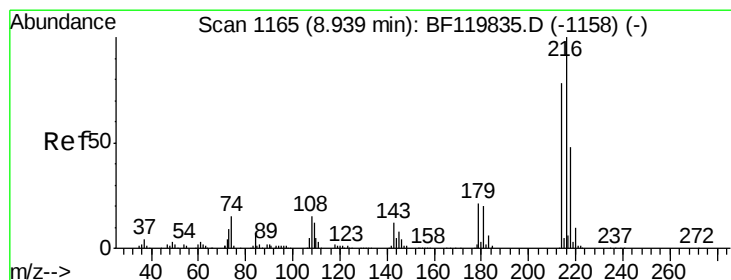
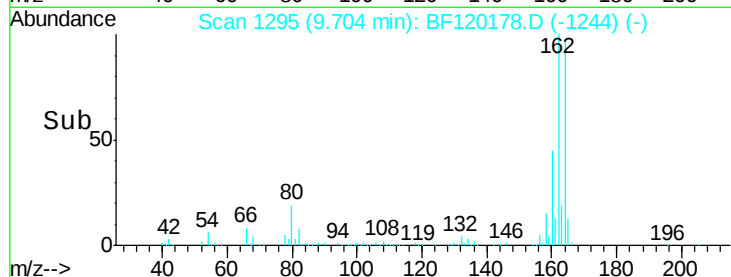
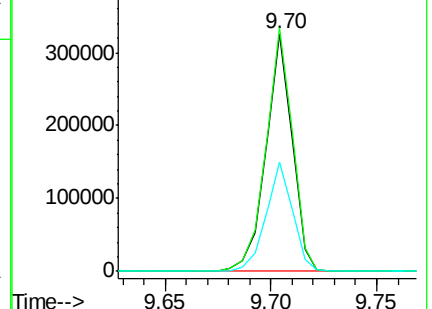
160 46.1 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.909 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Tgt Ion:216 Resp: 490484

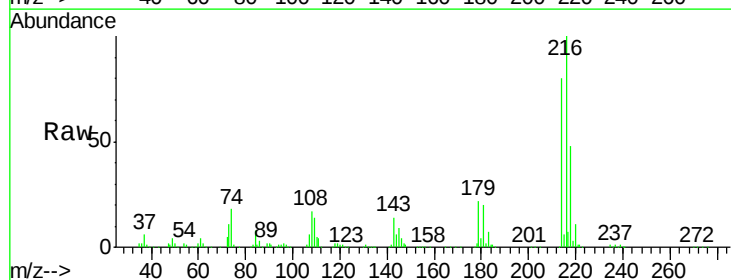
Ion Ratio Lower Upper

216 100

214 79.5 63.2 94.8

179 21.7 17.1 25.7

108 19.6 15.1 22.7

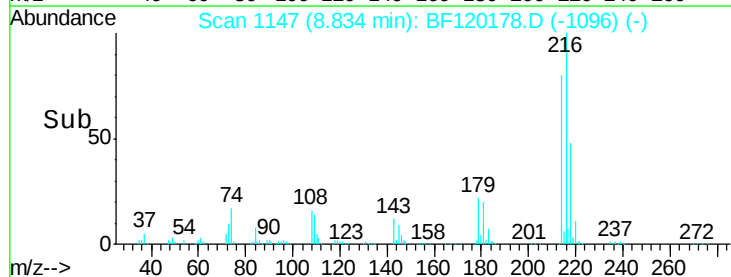
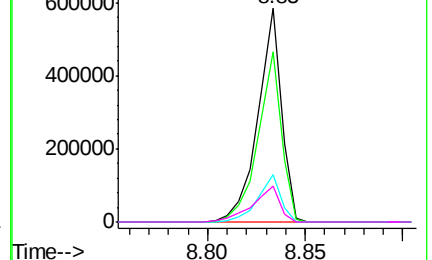


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.643 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

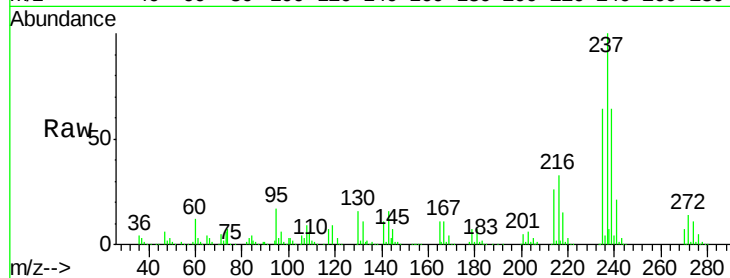
Tot Ion:237 Resp: 455335

Ion Ratio Lower Upper

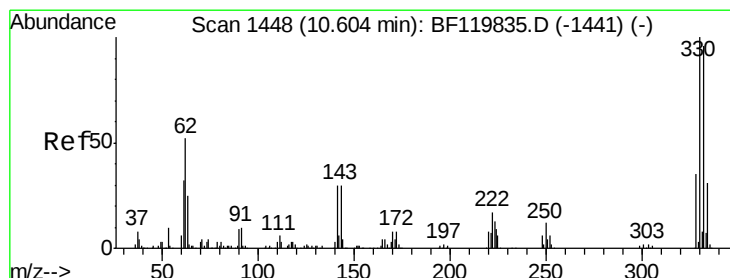
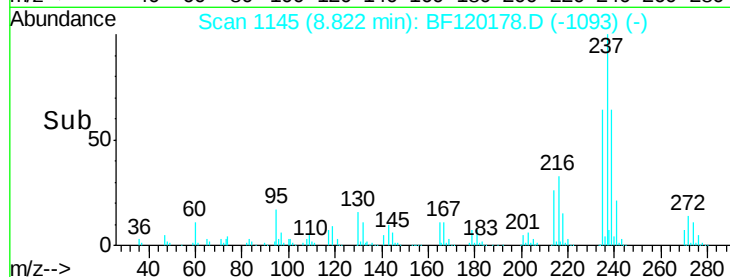
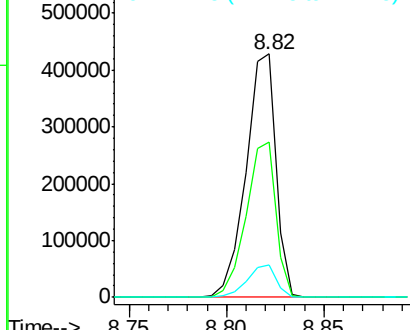
237 100

235 63.7 43.2 83.2

272 13.6 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: 125.431 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

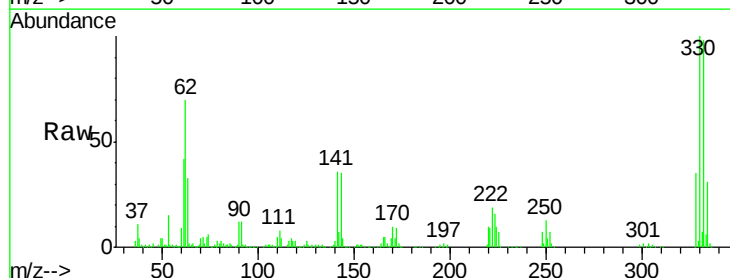
Tgt Ion:330 Resp: 434328

Ion Ratio Lower Upper

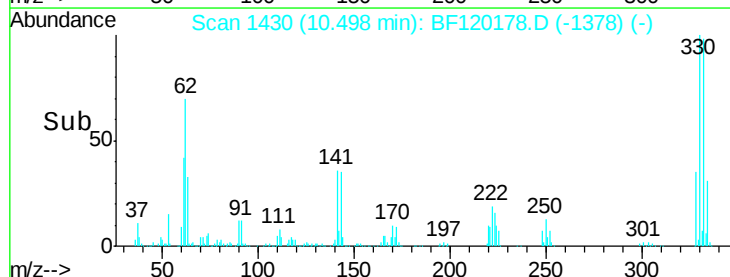
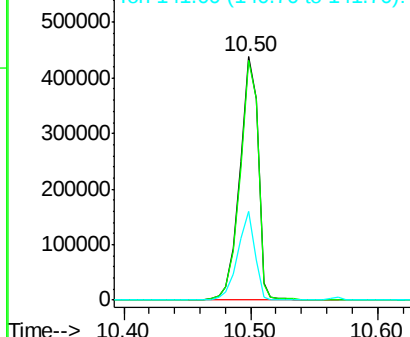
330 100

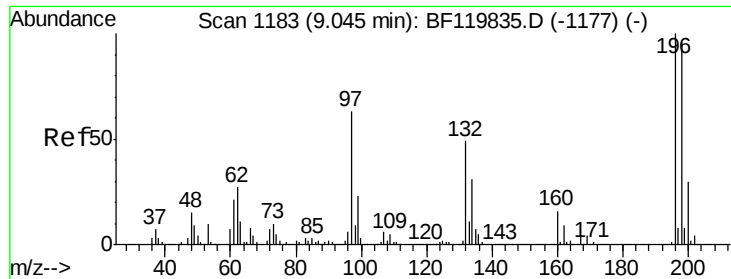
332 98.4 75.7 113.5

141 34.2 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

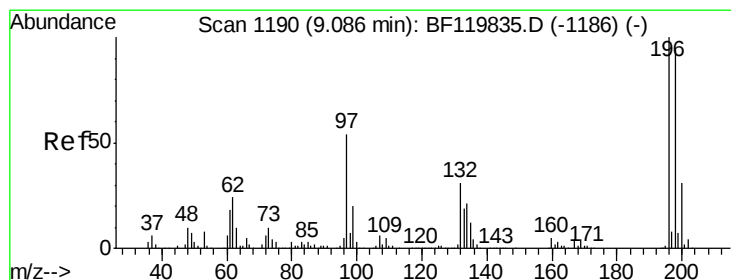
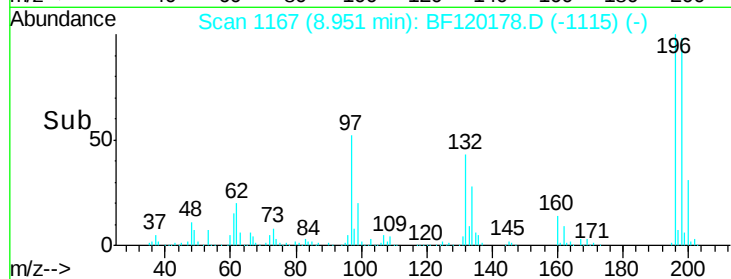
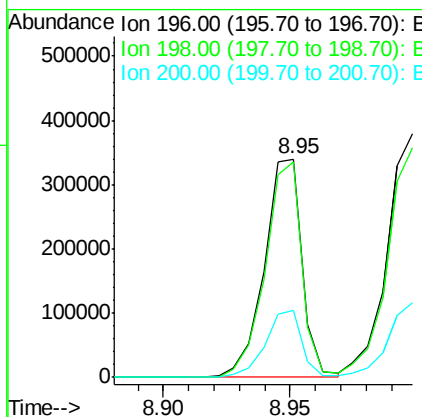
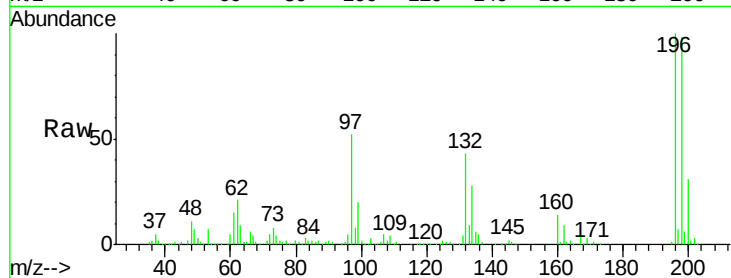




#43
 2,4,6-Trichlorophenol
 Concen: 57.592 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

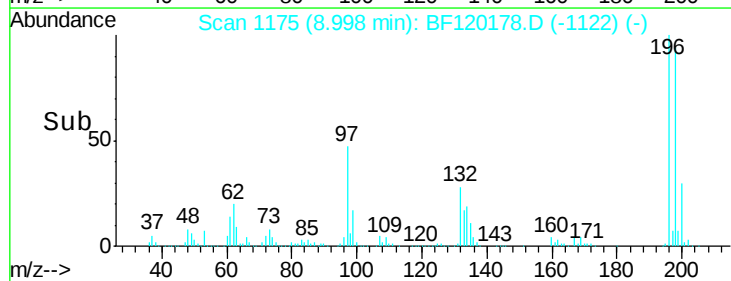
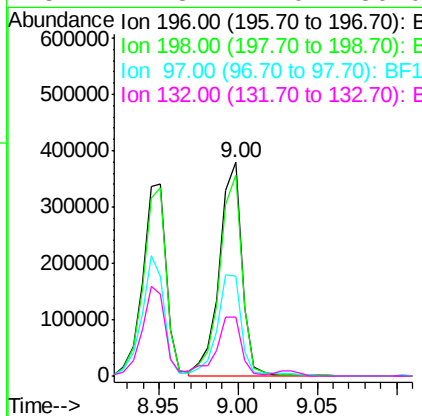
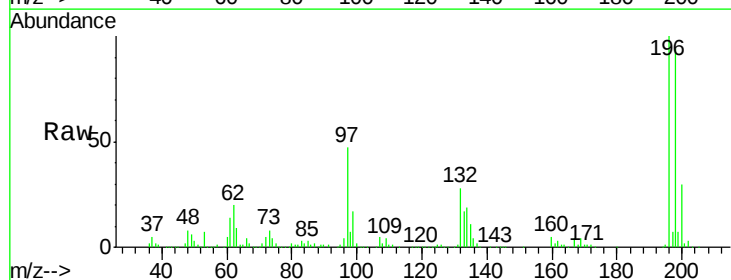
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

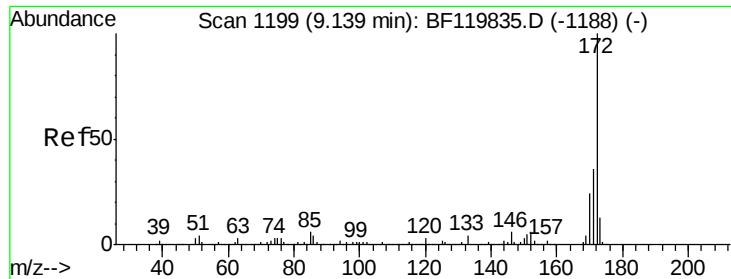
Tot Ion	196	Resp	355253
Ion Ratio	Lower	Upper	
196	100		
198	98.3	76.6	115.0
200	30.6	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 53.984 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion	196	Resp	375052
Ion Ratio	Lower	Upper	
196	100		
198	94.1	73.8	110.8
97	46.7	42.6	63.8
132	27.8	24.0	36.0

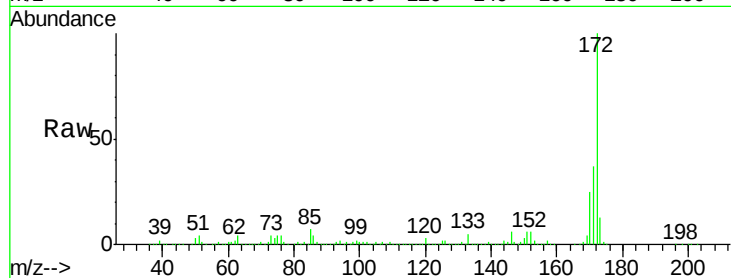




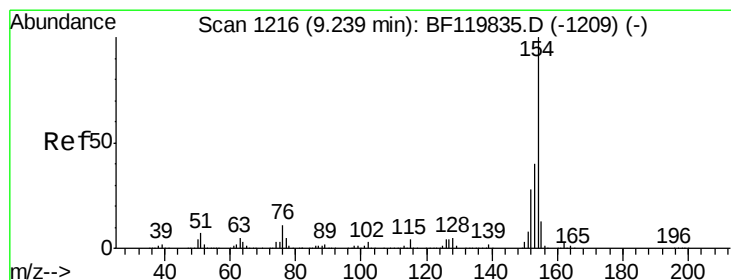
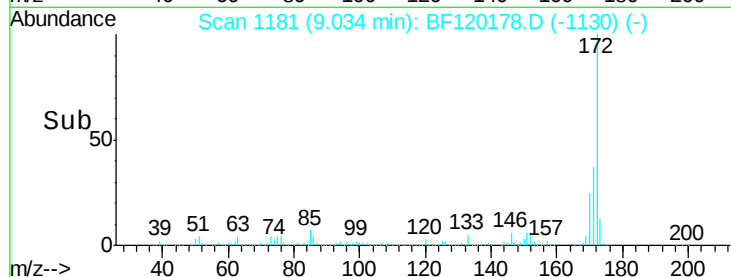
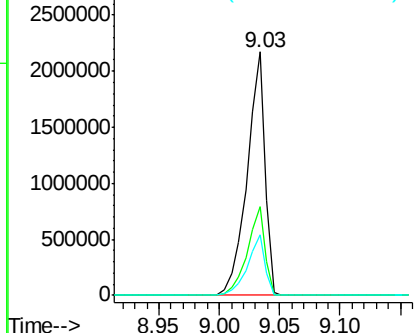
#45
2-Fluorobiphenyl
Concen: 112.673 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:172 Resp: 2244443
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.7 20.2 30.2

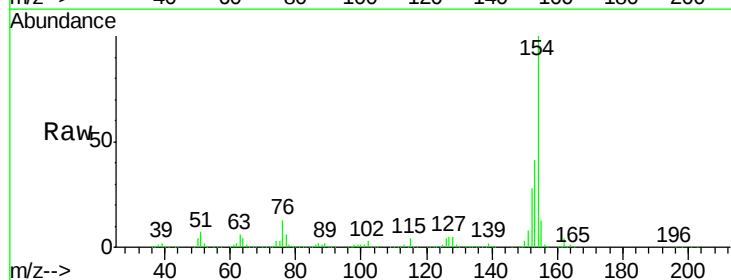


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

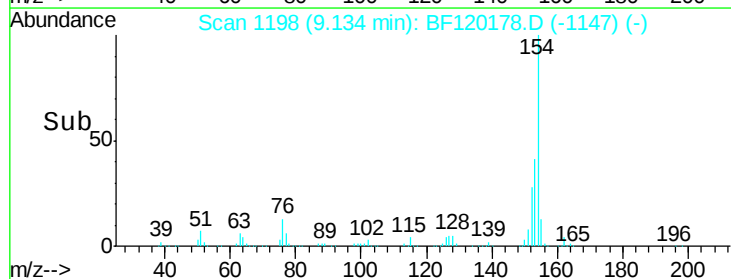
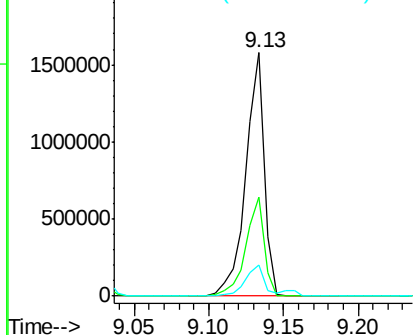


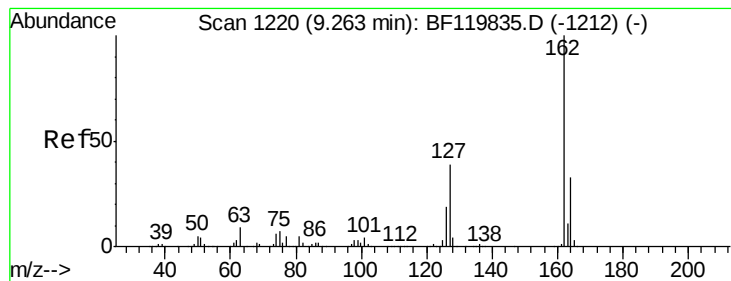
#46
1,1'-Biphenyl
Concen: 56.515 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:154 Resp: 1349112
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 12.6 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: 57.272 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

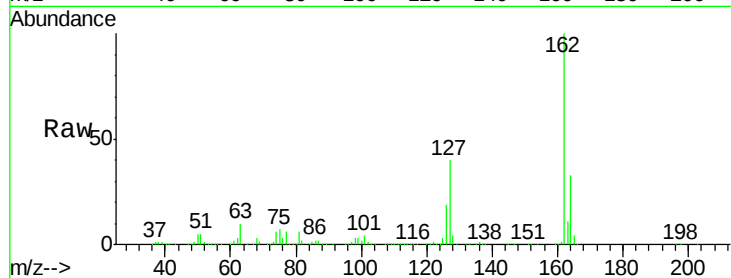
Tot Ion:162 Resp: 1053209

Ion Ratio Lower Upper

162 100

127 39.5 33.7 50.5

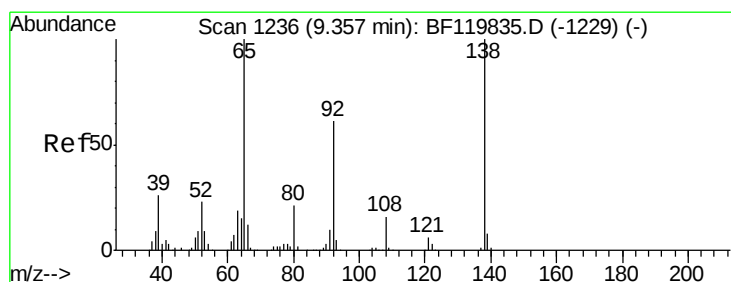
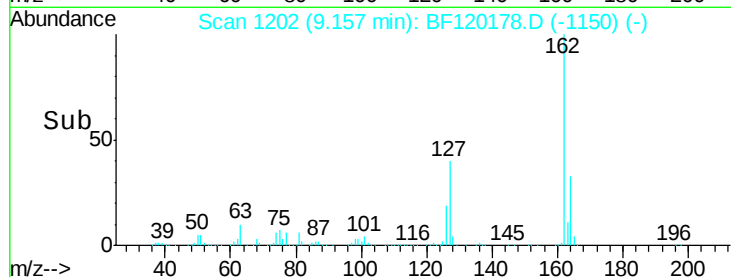
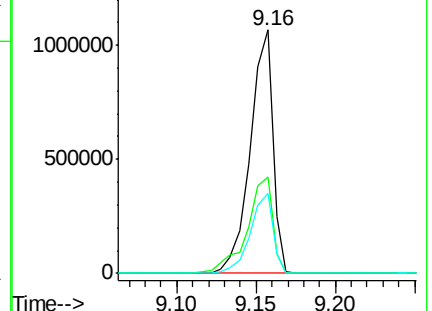
164 32.6 26.3 39.5



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: 56.449 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

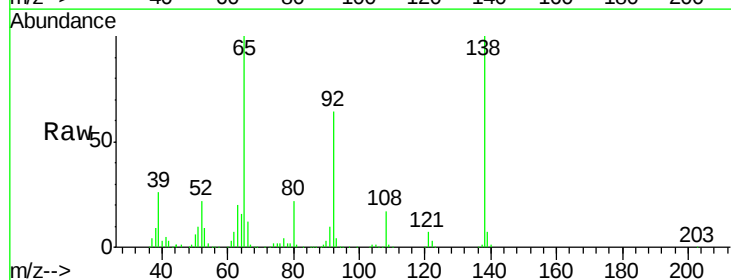
Tgt Ion: 65 Resp: 376183

Ion Ratio Lower Upper

65 100

92 64.0 50.0 75.0

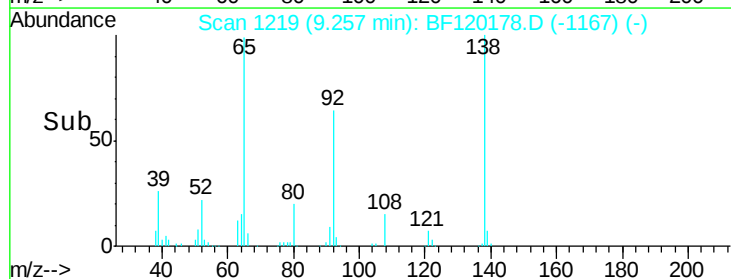
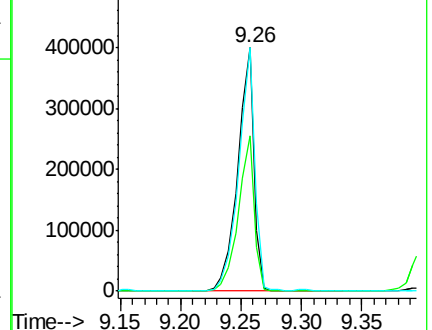
138 100.0 75.0 112.4

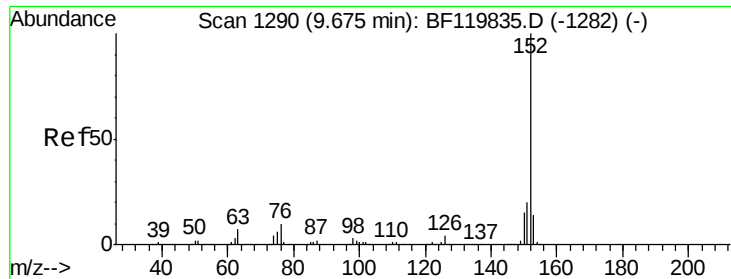


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.724 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

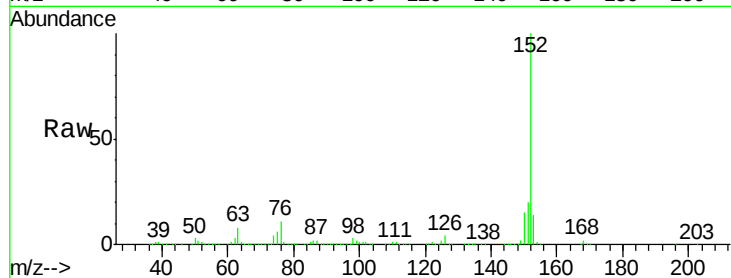
Tot Ion:152 Resp: 1642320

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

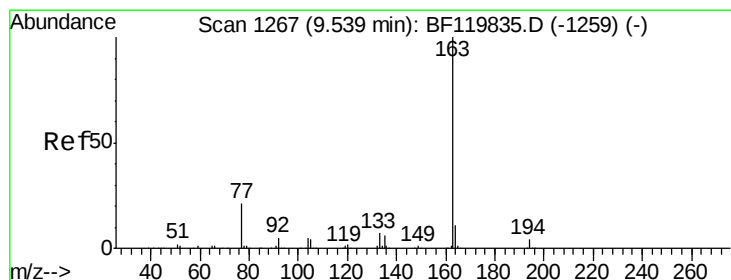
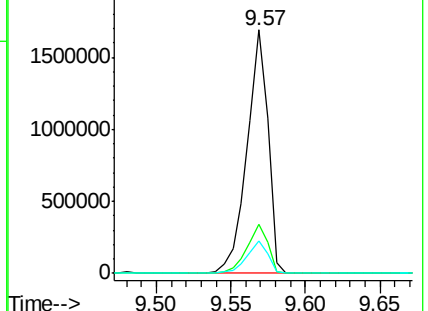
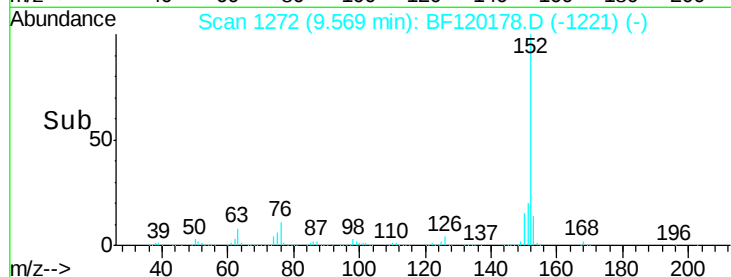
153 13.5 11.2 16.8



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: 66.963 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

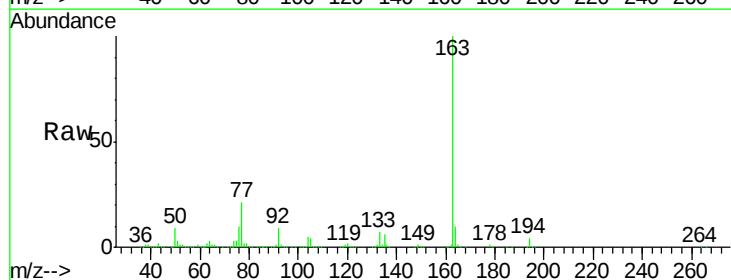
Tgt Ion:163 Resp: 1464868

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

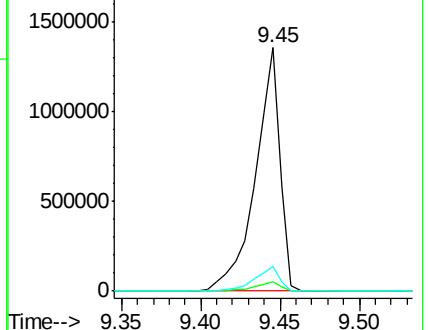
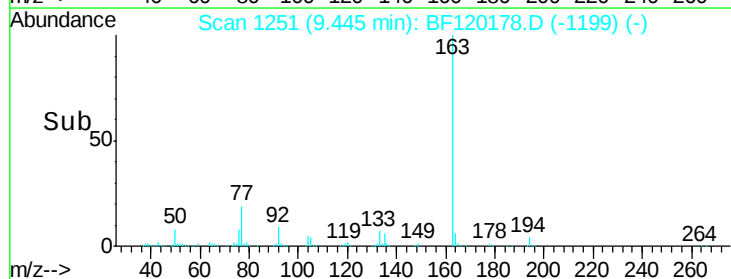
164 10.1 8.2 12.2

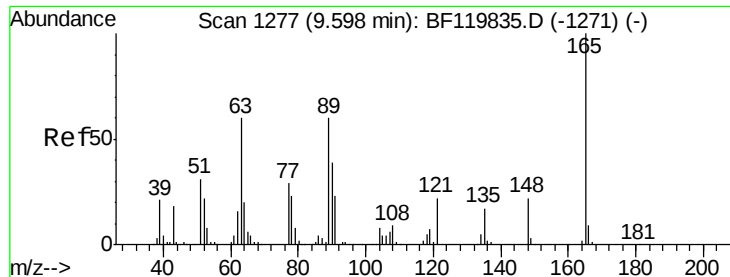


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 58.759 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

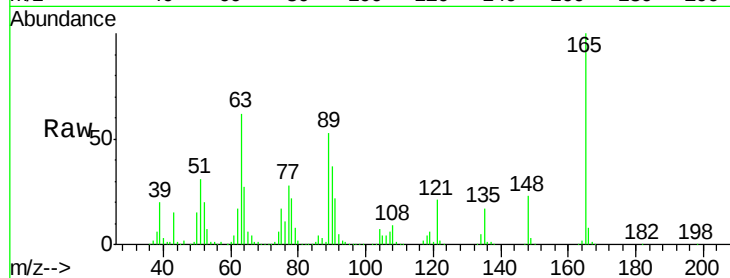
Tot Ion:165 Resp: 281480

Ion Ratio Lower Upper

165 100

63 61.6 45.0 67.4

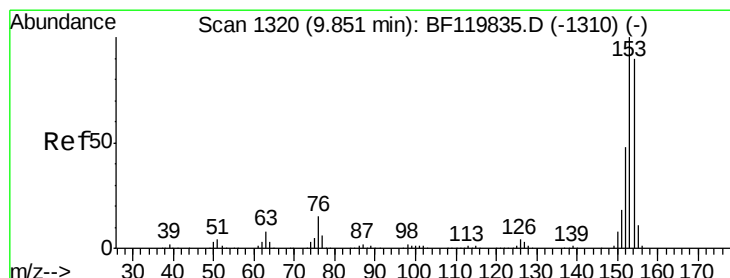
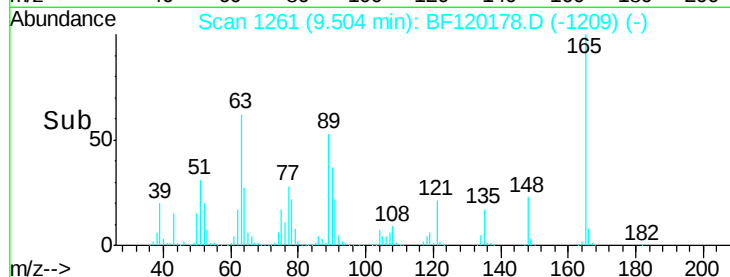
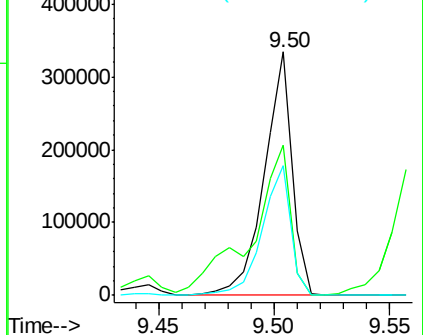
89 53.4 41.5 62.3



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: 52.741 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

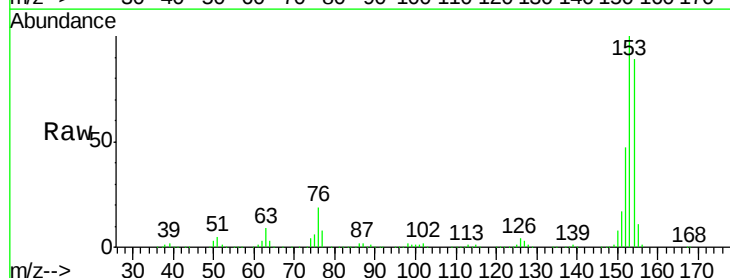
Tgt Ion:154 Resp: 983915

Ion Ratio Lower Upper

154 100

153 112.7 88.1 132.1

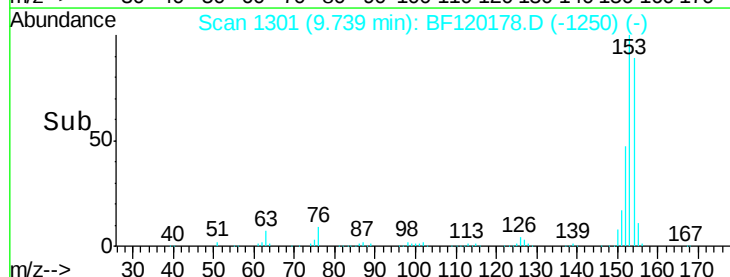
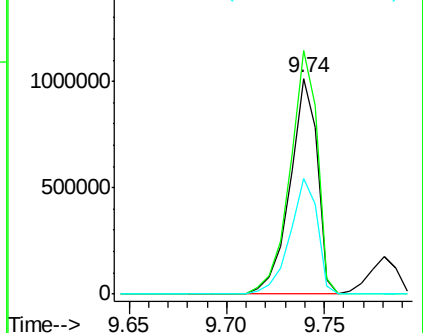
152 53.3 43.0 64.4

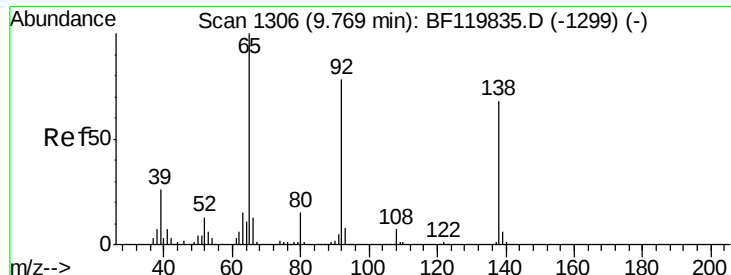


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

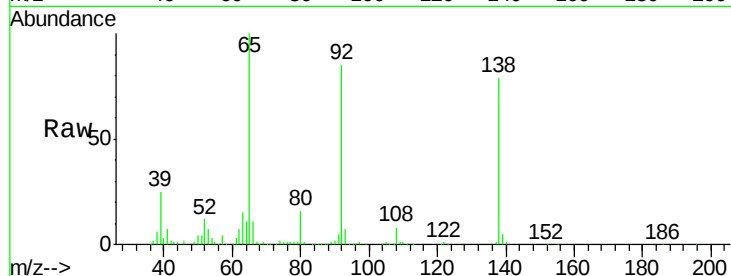




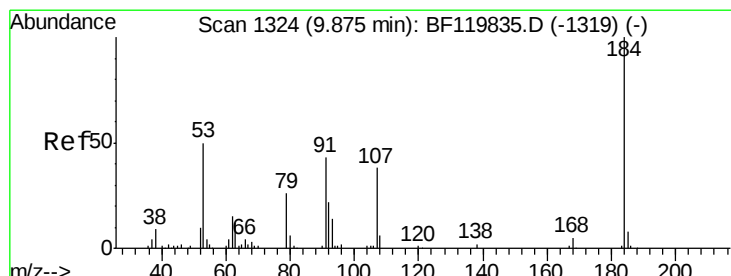
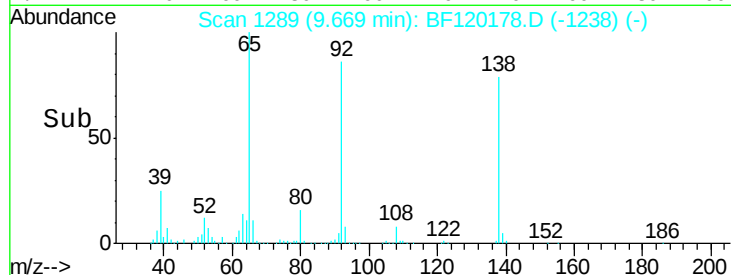
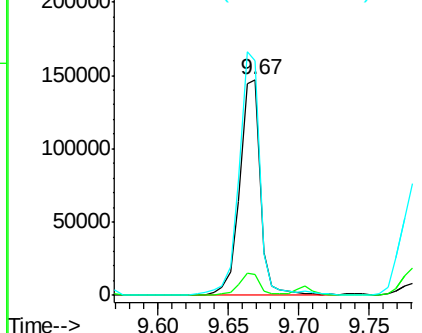
#53
3-Nitroaniline
Concen: 27.588 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:138 Resp: 150936
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 108.7 95.4 143.0

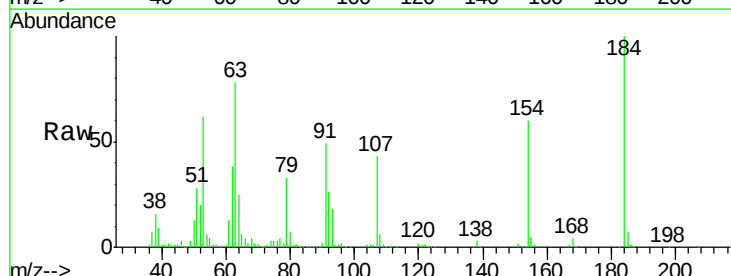


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

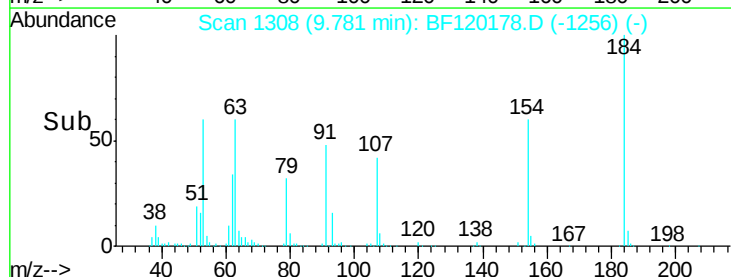
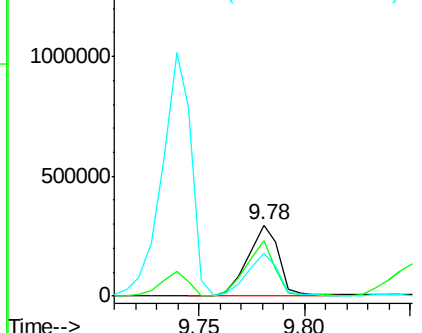


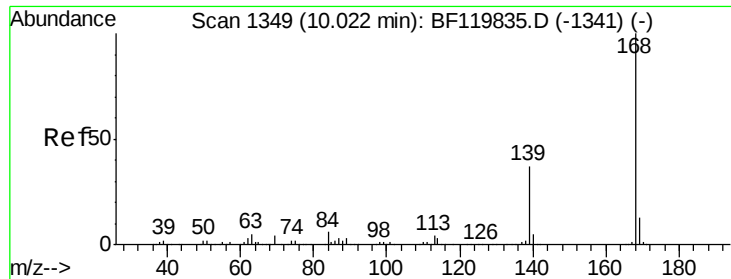
#54
2,4-Dinitrophenol
Concen: 106.792 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:184 Resp: 306283
Ion Ratio Lower Upper
184 100
63 77.7 50.2 75.4#
154 60.0 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

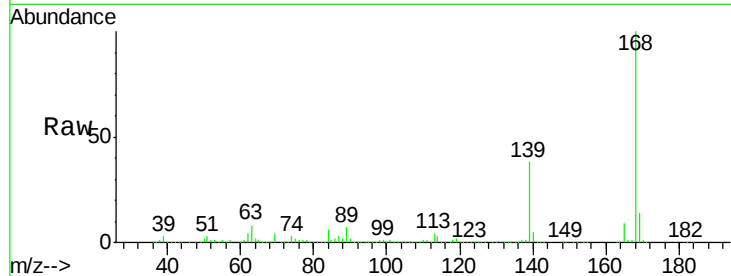




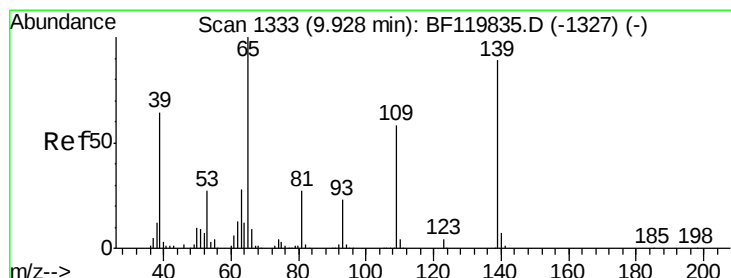
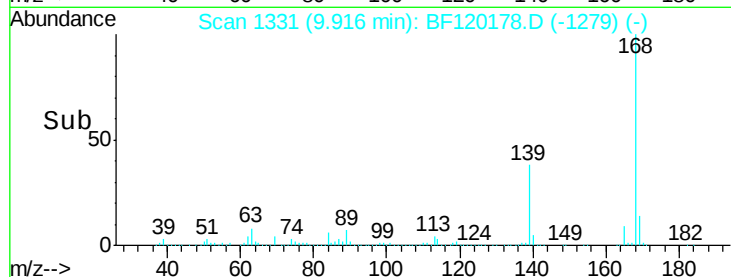
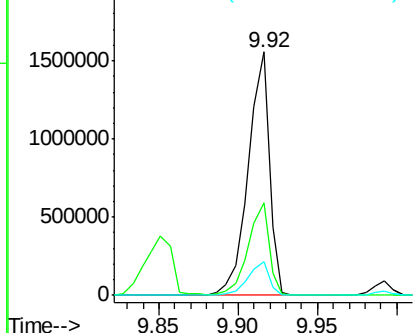
#55
Dibenzofuran
Concen: 56.081 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:168 Resp: 1435696
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.6 11.0 16.6

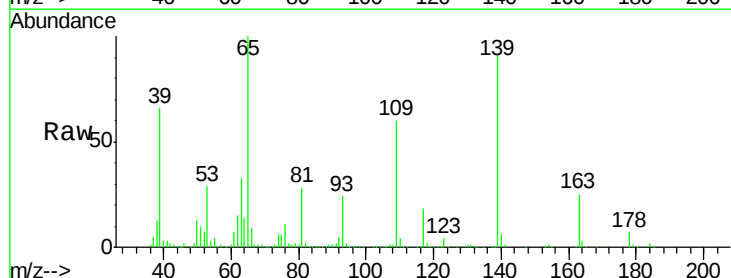


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

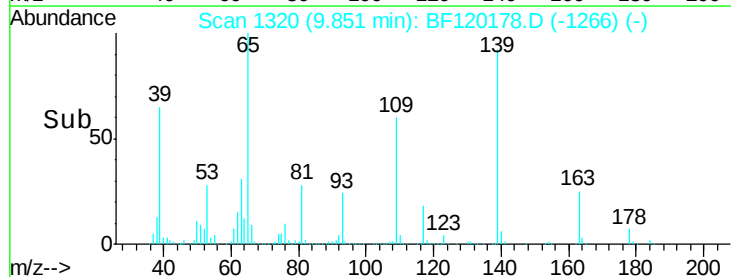
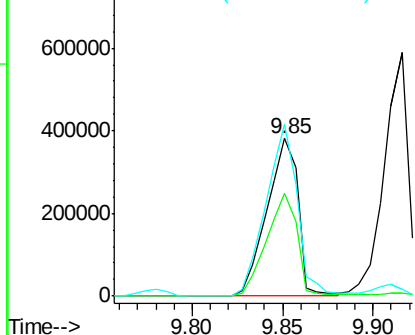


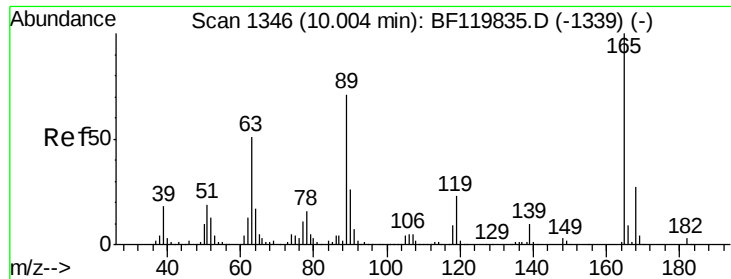
#56
4-Nitrophenol
Concen: 111.594 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:139 Resp: 454276
Ion Ratio Lower Upper
139 100
109 65.3 43.3 83.3
65 109.4 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

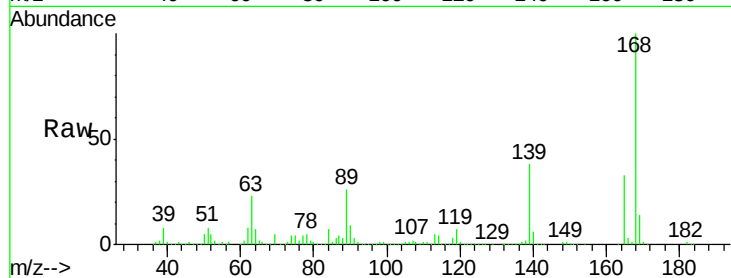




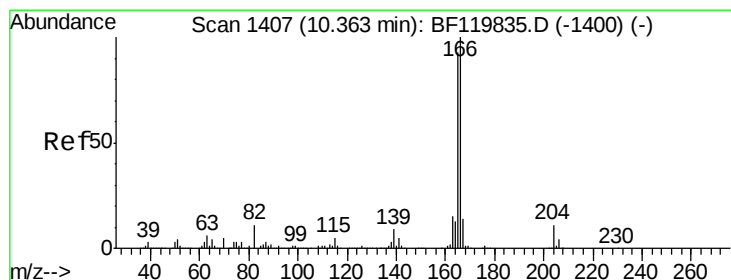
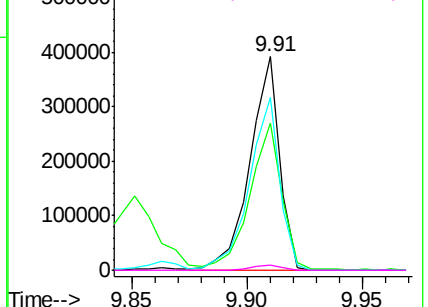
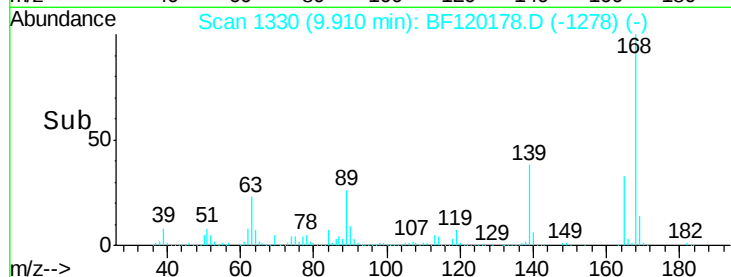
#57
2,4-Dinitrotoluene
Concen: 55.832 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

Tot Ion:165 Resp: 352379
Ion Ratio Lower Upper
165 100
63 69.1 42.6 64.0#
89 80.9 61.0 91.4
182 2.4 2.2 3.2

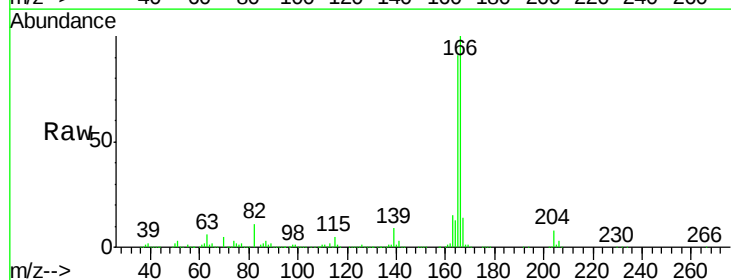


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

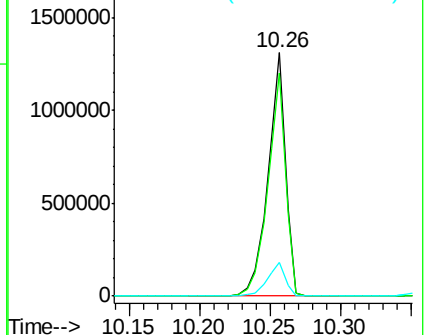
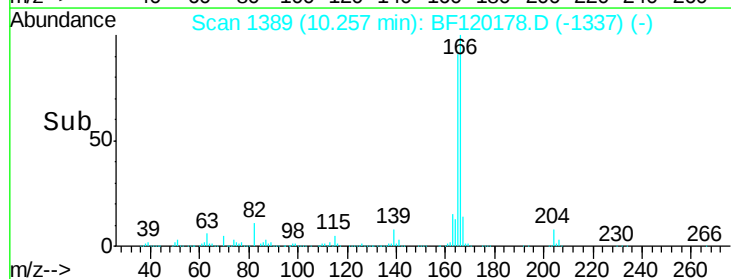


#58
Fluorene
Concen: 56.232 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:166 Resp: 1151279
Ion Ratio Lower Upper
166 100
165 91.4 75.4 113.2
167 13.8 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

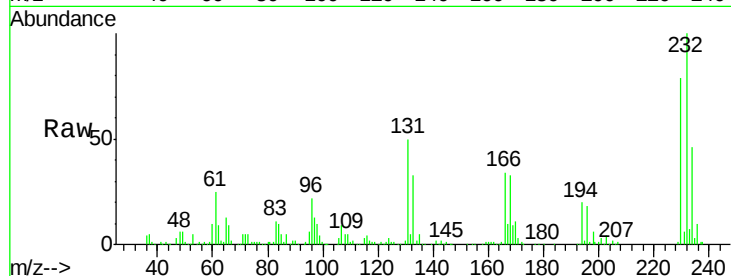




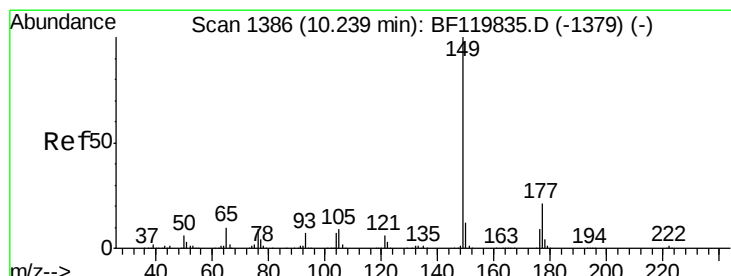
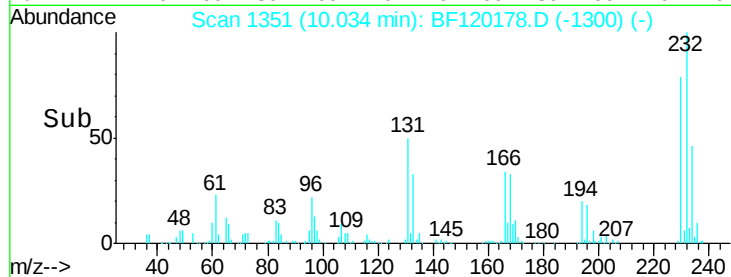
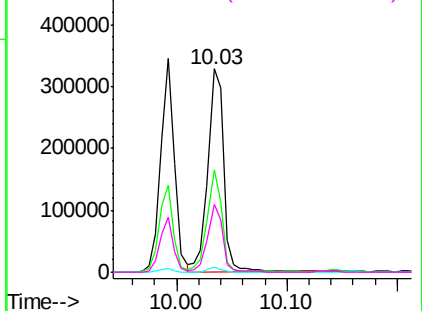
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.900 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

Tot Ion:	232	Resp:	318278
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.5	56.3
130	2.2	1.8	2.6
166	31.1	24.6	36.8

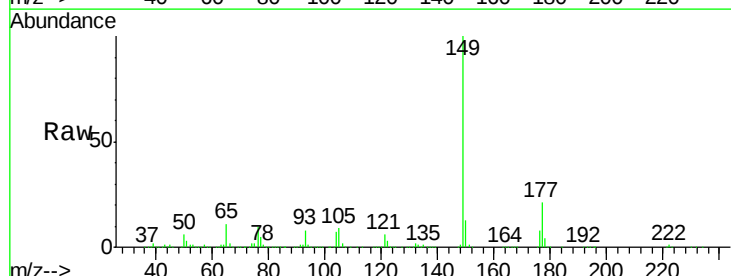


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

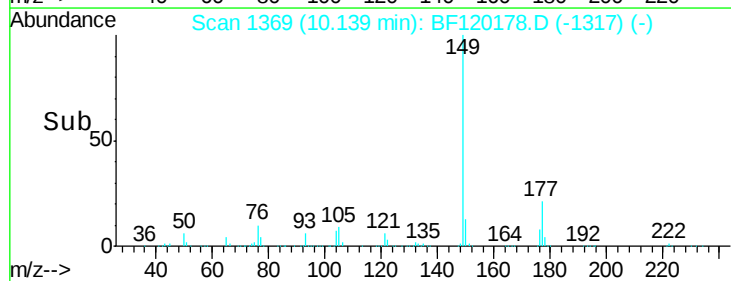
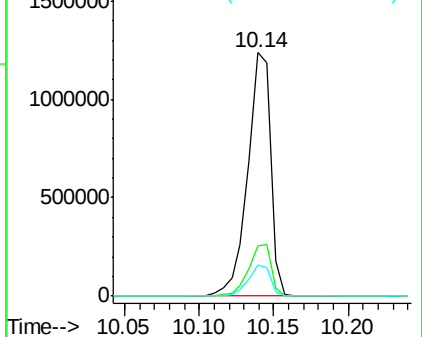


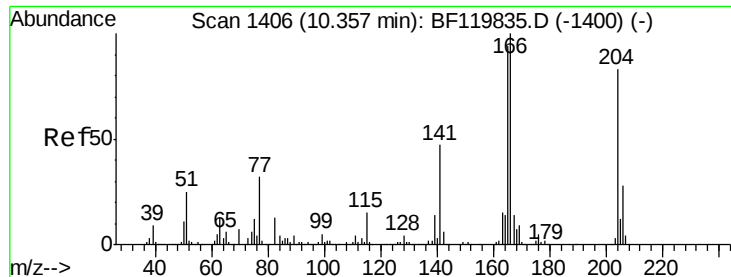
#60
 Diethylphthalate
 Concen: 57.711 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion:	149	Resp:	1308461
Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.6
150	12.9	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

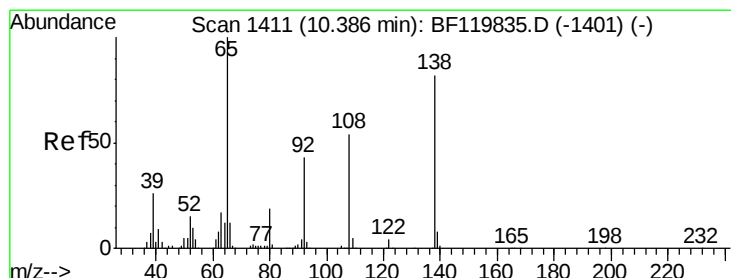
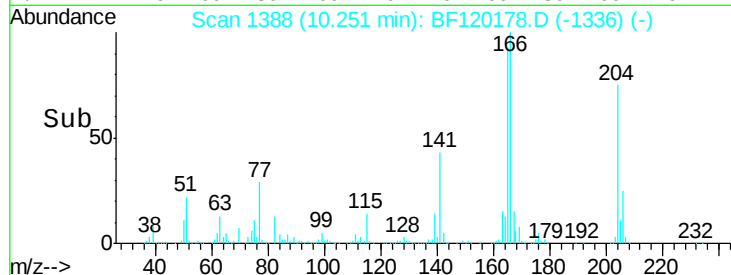
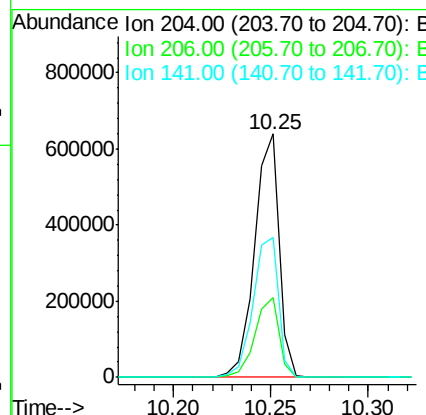
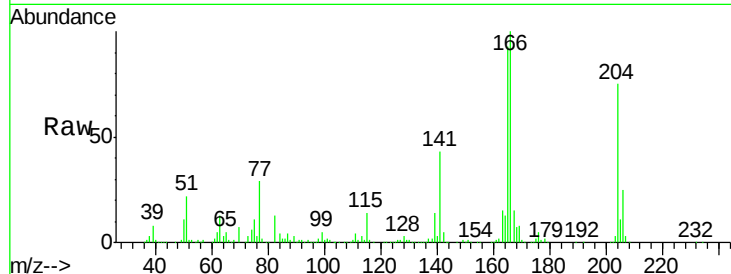




#61
 4-Chlorophenyl-phenylether
 Concen: 52.881 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

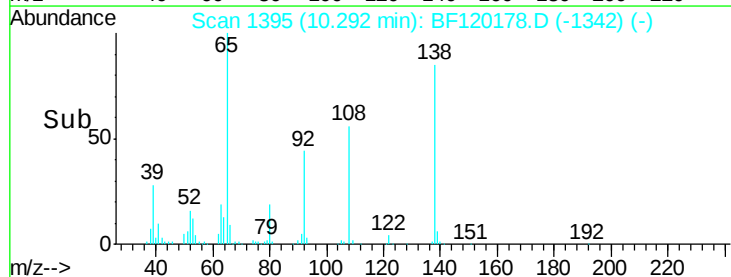
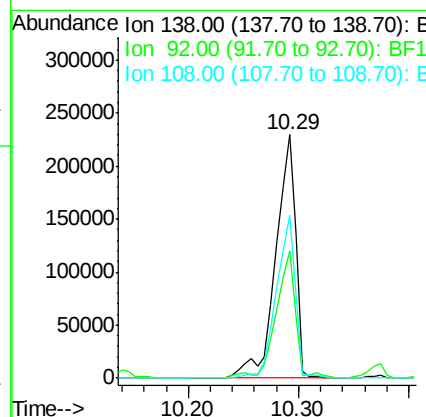
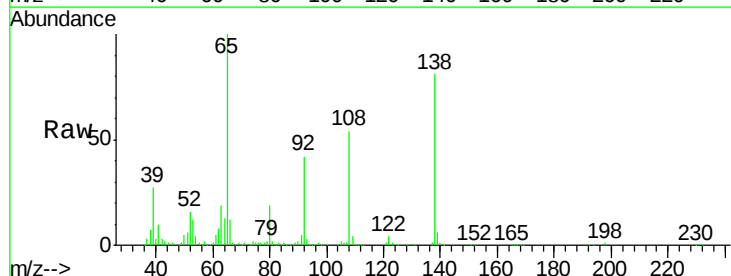
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

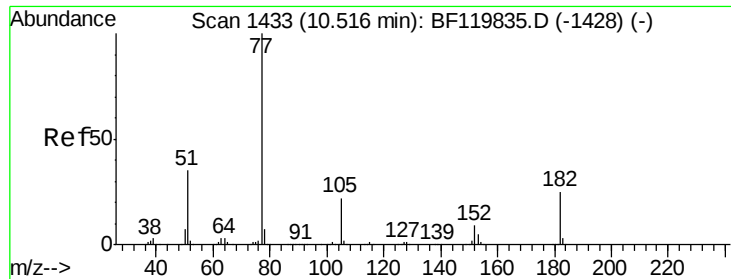
Tot Ion:204 Resp: 554909
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.7 40.1
 141 57.6 47.3 70.9



#62
 4-Nitroaniline
 Concen: 56.398 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion:138 Resp: 294058
 Ion Ratio Lower Upper
 138 100
 92 52.4 31.5 71.5
 108 66.8 45.8 85.8





#63

Azobenzene

Concen: 59.455 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

Tot Ion: 77 Resp: 1208070

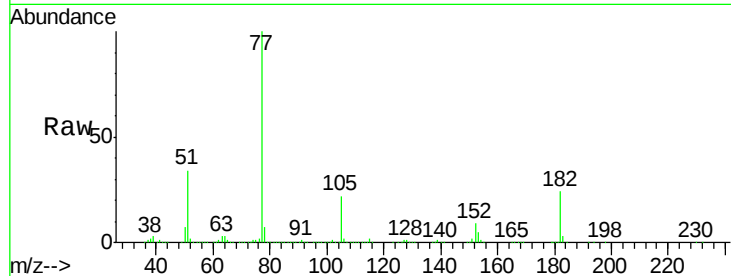
Ion Ratio Lower Upper

77 100

182 24.5 4.4 44.4

105 22.2 2.6 42.6

51 33.8 15.1 55.1

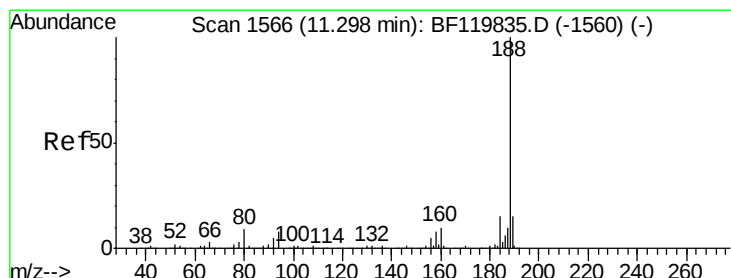
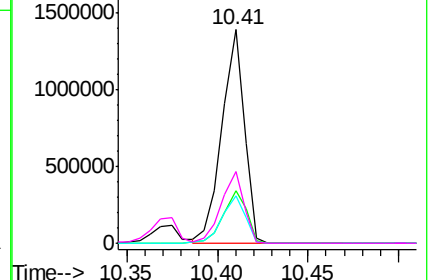
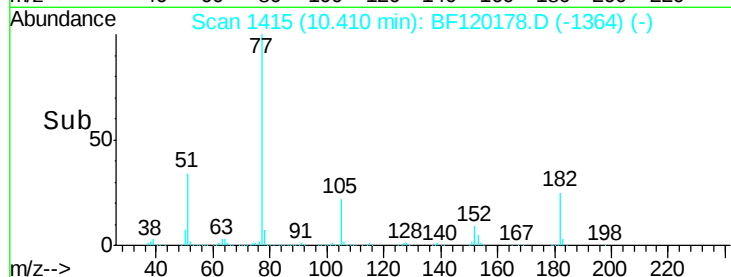


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

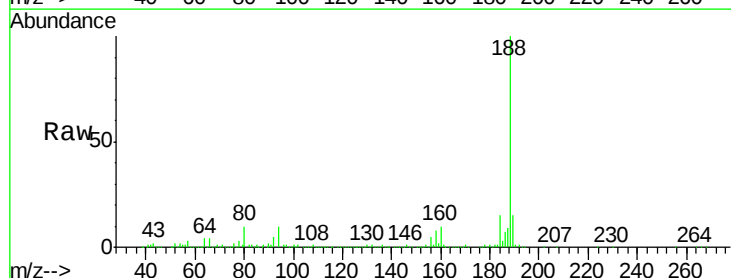
Tgt Ion: 188 Resp: 542217

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

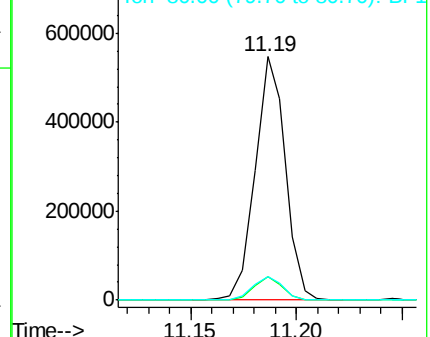
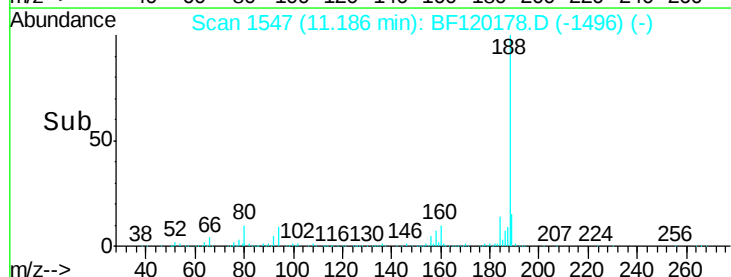
80 9.8 9.0 13.4

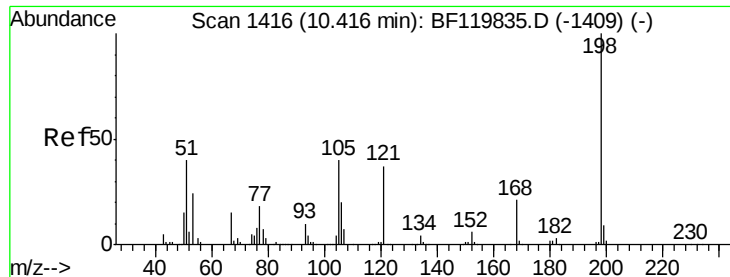


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 59.332 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

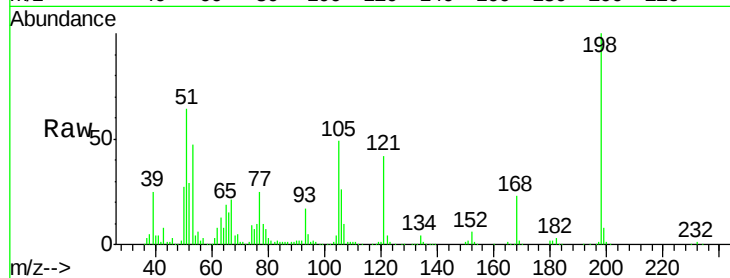
Tot Ion:198 Resp: 211945

Ion Ratio Lower Upper

198 100

51 63.8 29.0 69.0

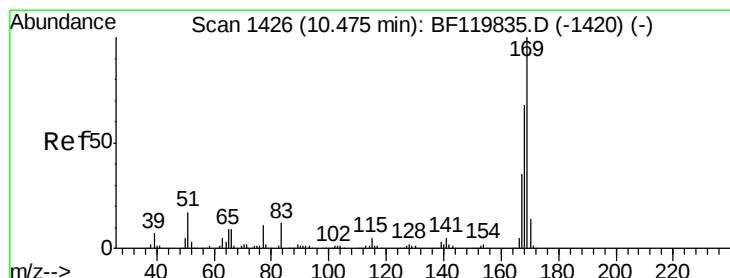
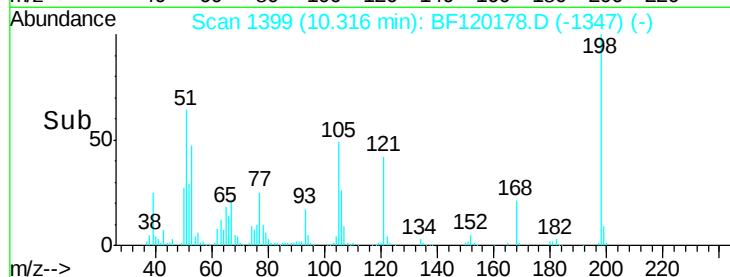
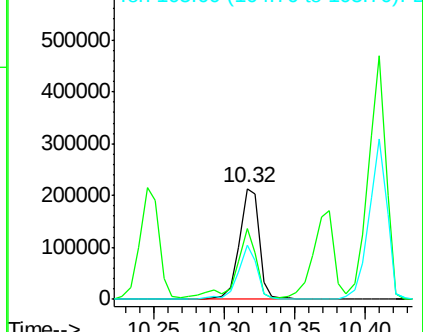
105 48.6 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.903 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

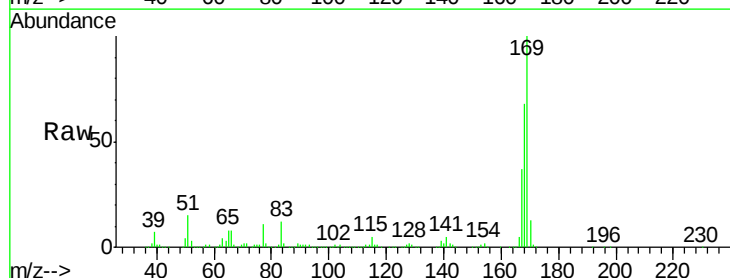
Tgt Ion:169 Resp: 1062169

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

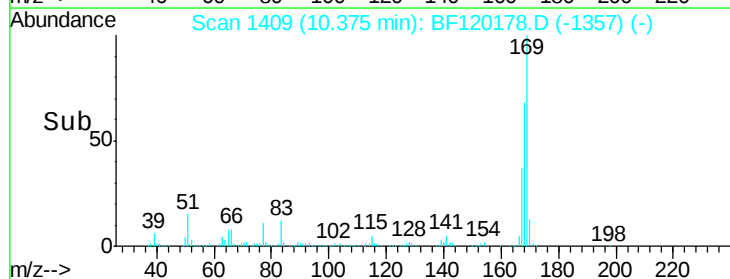
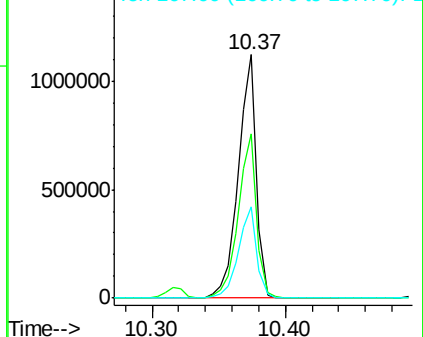
167 37.4 29.1 43.7

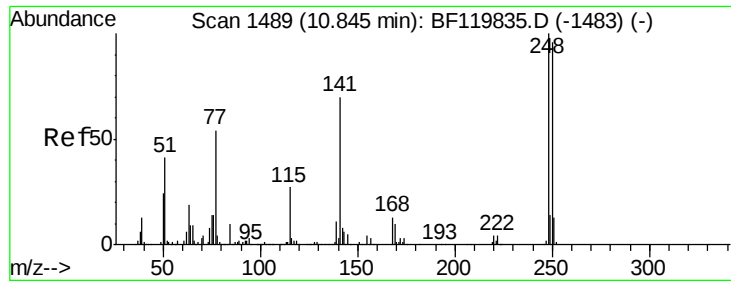


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

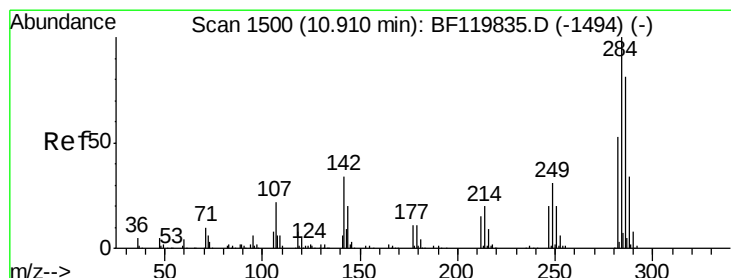
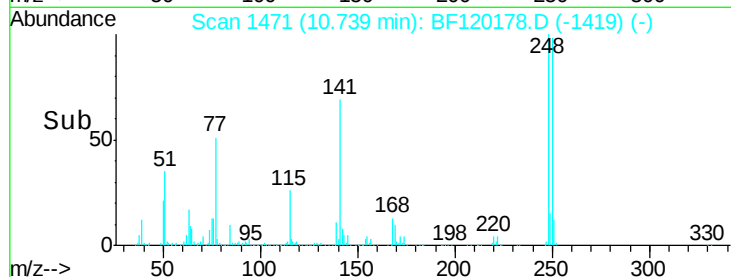
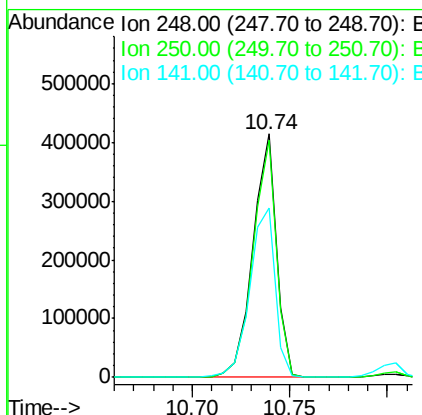
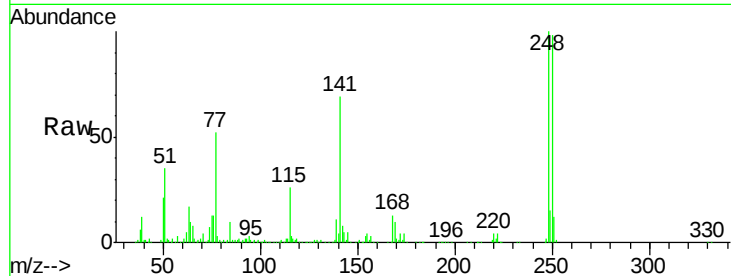




#67
4-Bromophenyl-phenylether
Concen: 51.767 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

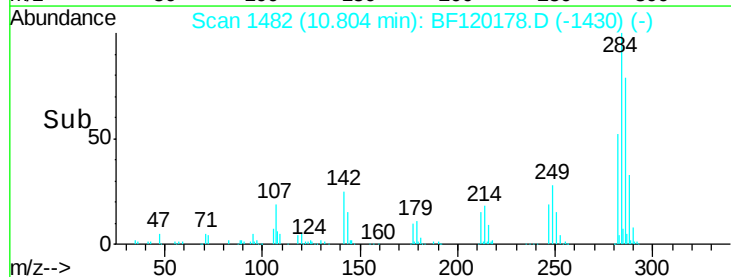
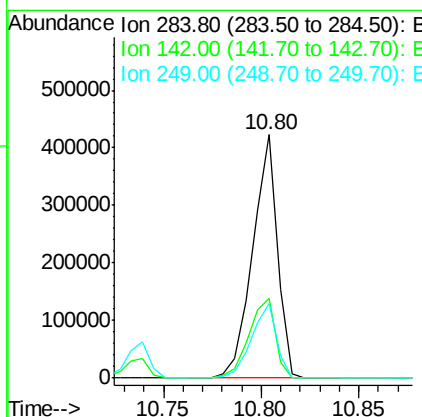
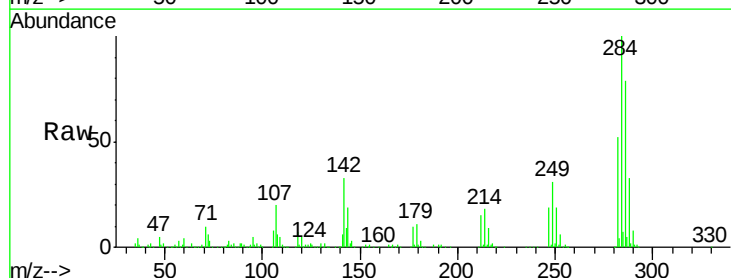
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

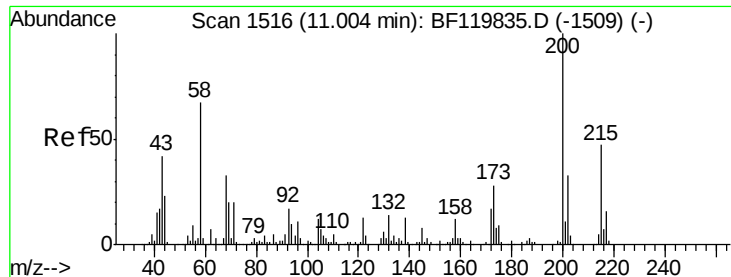
Tot Ion:248 Resp: 349067
Ion Ratio Lower Upper
248 100
250 97.5 77.3 115.9
141 69.4 58.6 87.8



#68
Hexachlorobenzene
Concen: 54.323 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:284 Resp: 371598
Ion Ratio Lower Upper
284 100
142 32.7 29.2 43.8
249 30.5 25.1 37.7

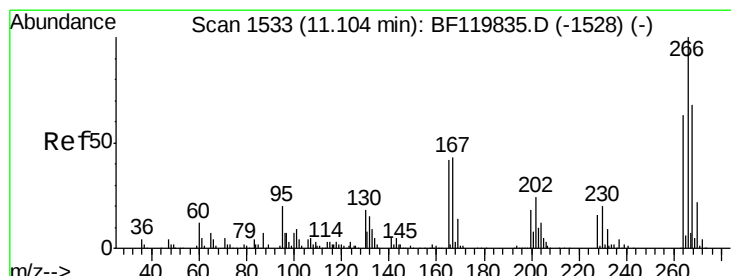
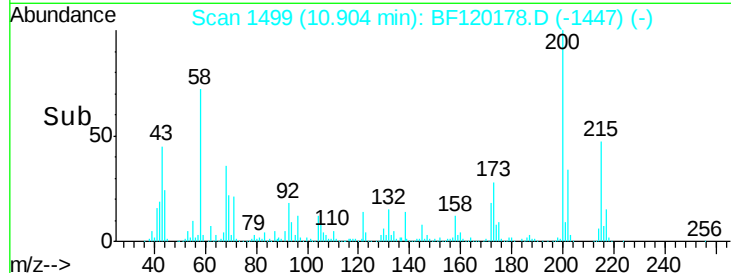
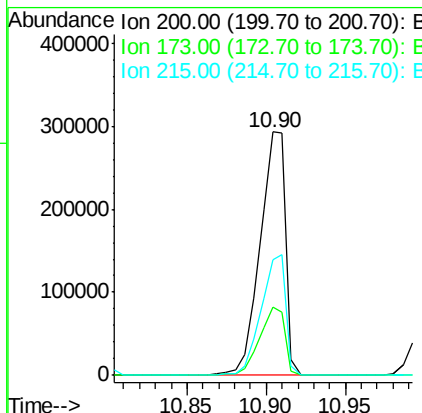
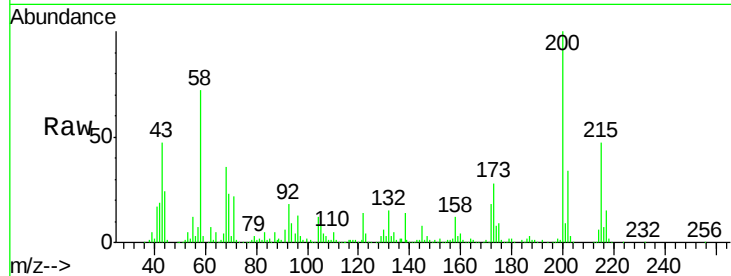




#69
 Atrazine
 Concen: 65.675 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

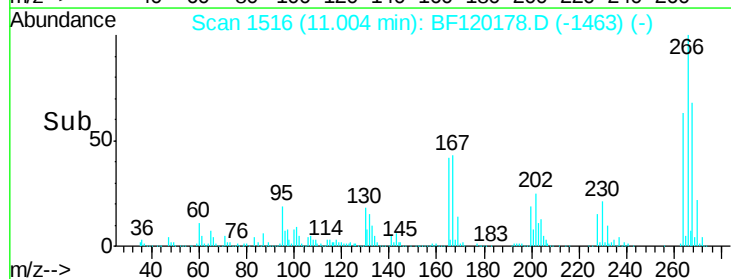
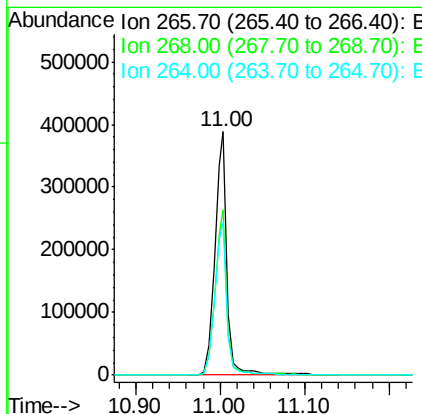
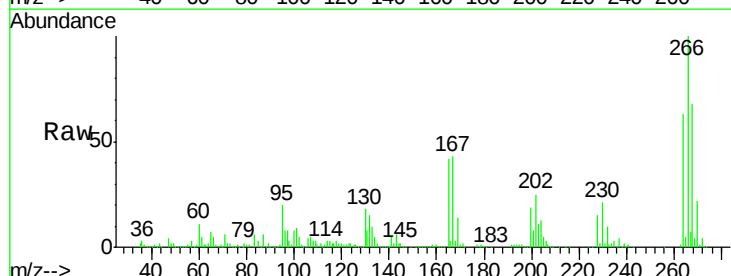
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

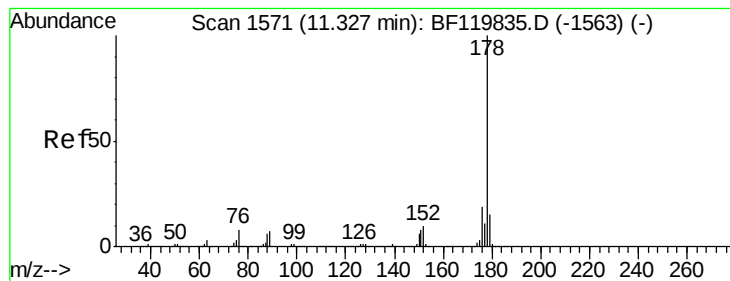
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	9.3	49.3
215	47.4	29.5	69.5



#70
 Pentachlorophenol
 Concen: 101.202 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	53.3	79.9
264	62.9	49.0	73.4





#71

Phenanthrene

Concen: 57.320 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

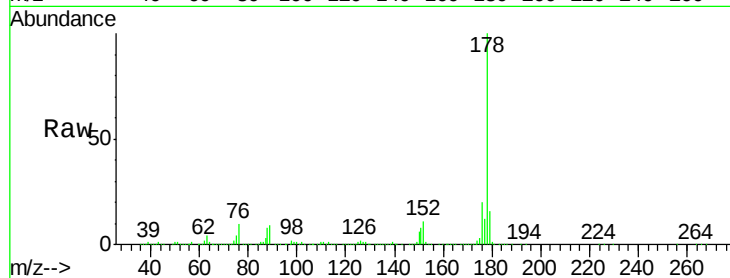
Tot Ion:178 Resp: 1654103

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

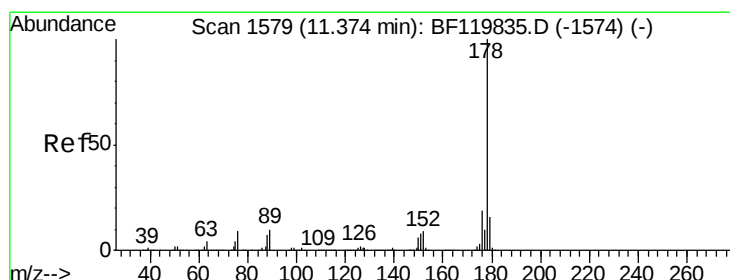
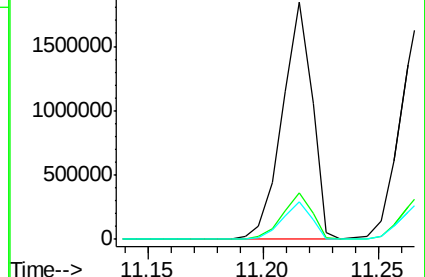
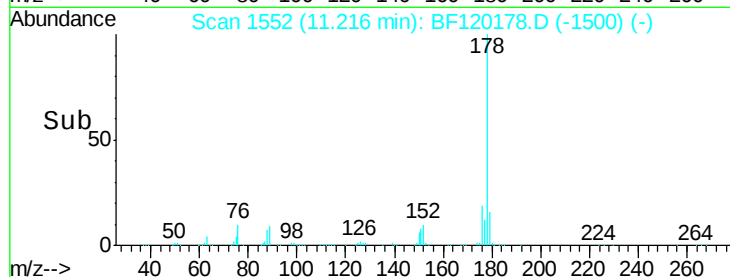
179 16.0 13.2 19.8



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: 58.052 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

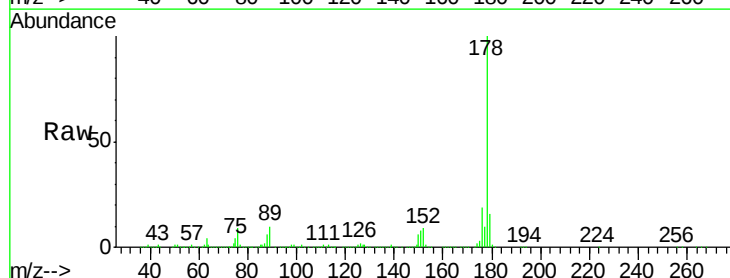
Tgt Ion:178 Resp: 1711334

Ion Ratio Lower Upper

178 100

176 19.0 16.1 24.1

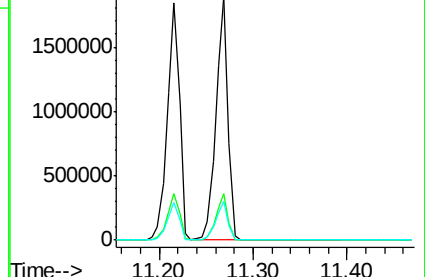
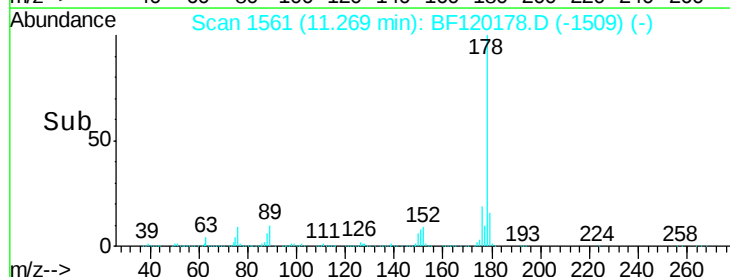
179 16.0 13.0 19.4

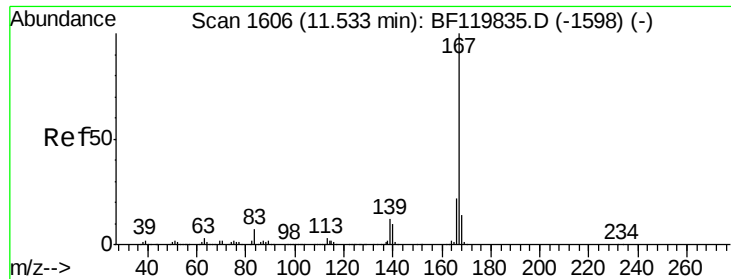


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

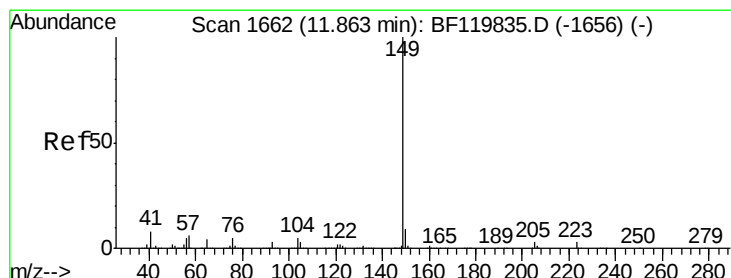
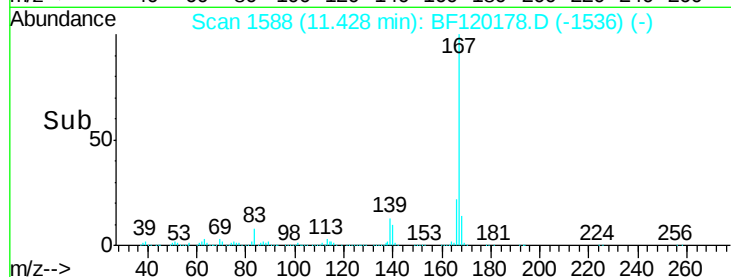
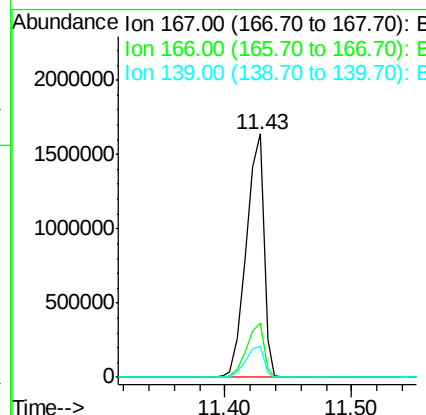
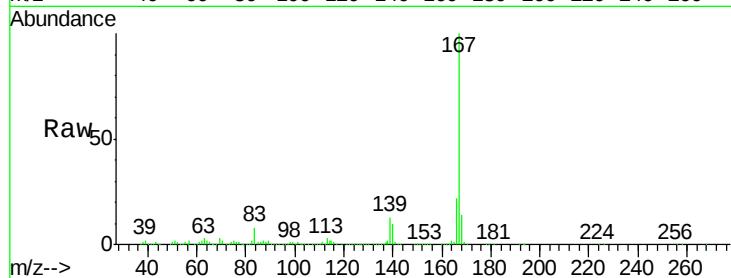




#73
 Carbazole
 Concen: 56.114 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

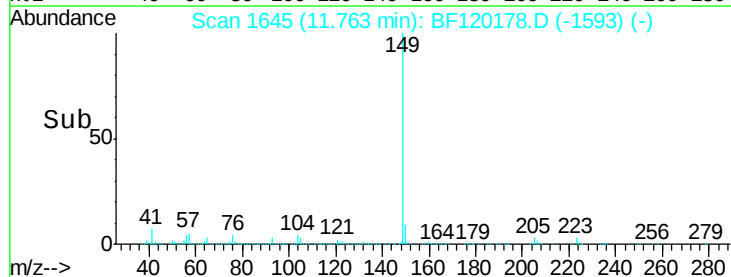
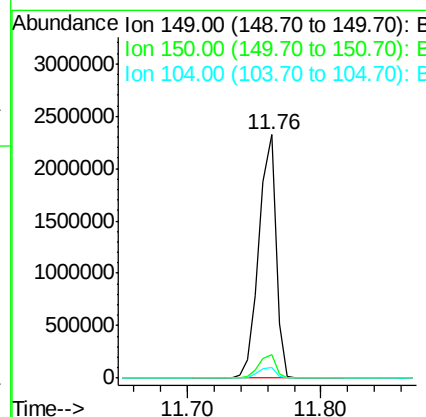
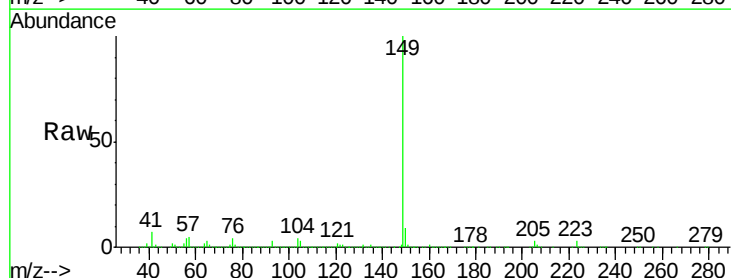
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

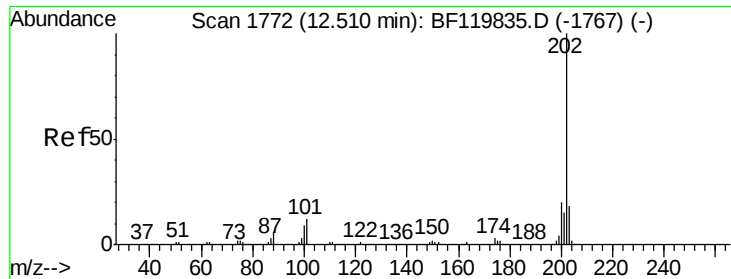
Tot Ion:167 Resp: 1564327
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 12.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 55.190 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion:149 Resp: 2022608
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 56.856 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

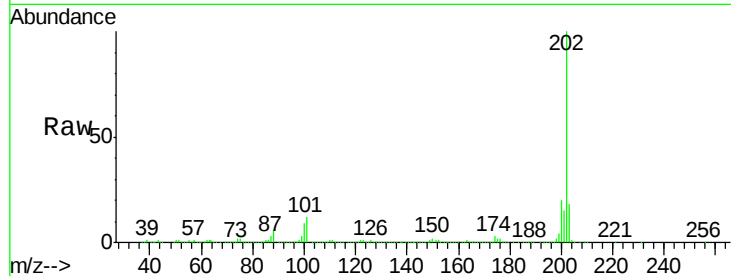
Tot Ion:202 Resp: 1770301

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.2

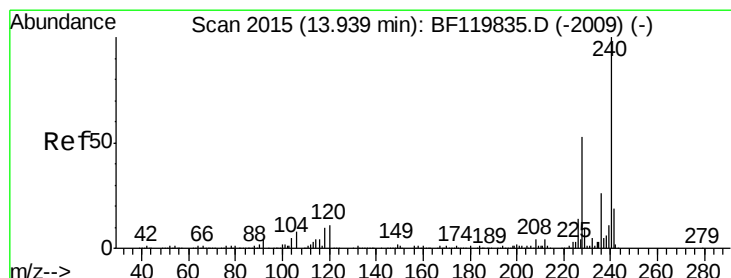
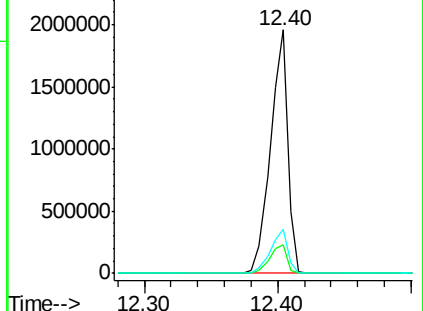
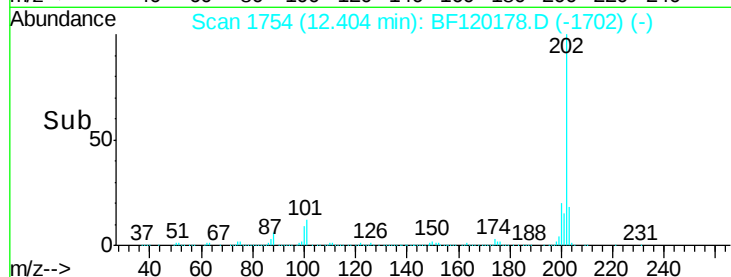
203 18.0 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

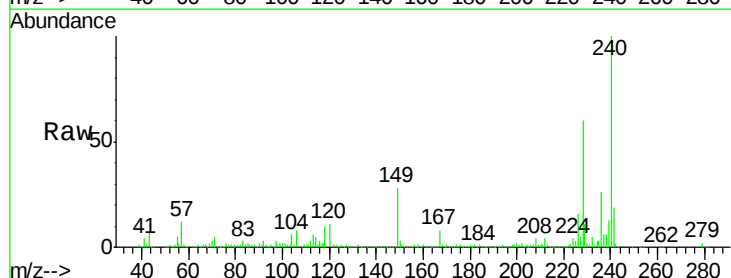
Tgt Ion:240 Resp: 360621

Ion Ratio Lower Upper

240 100

120 11.1 10.6 15.8

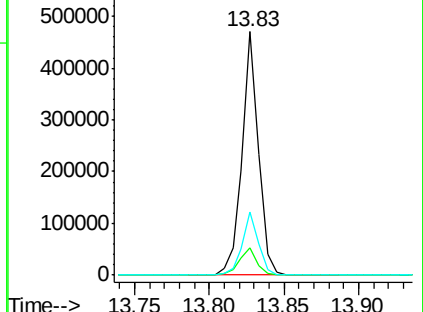
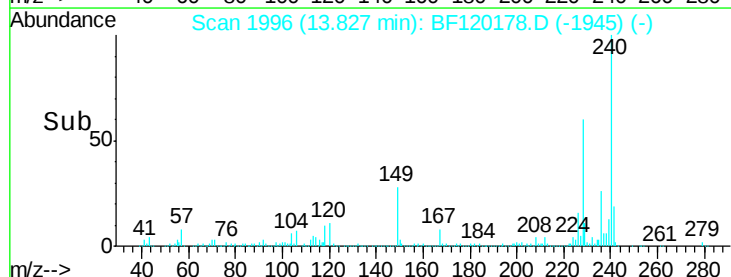
236 25.9 20.2 30.2

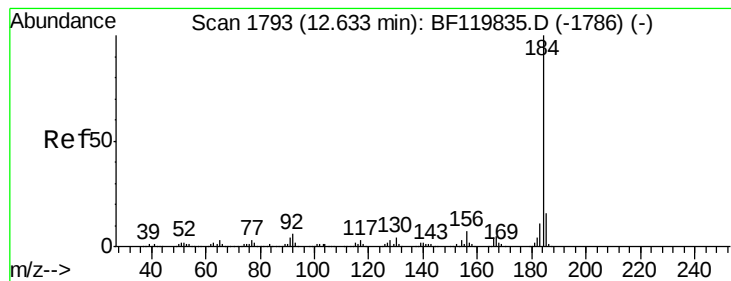


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.982 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

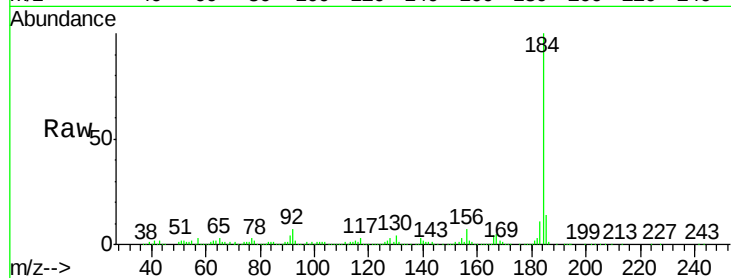
Tot Ion:184 Resp: 779942

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

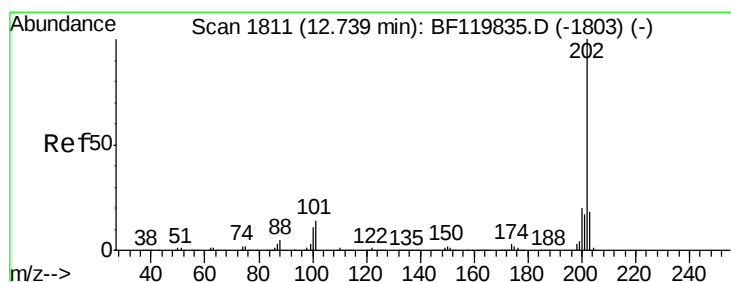
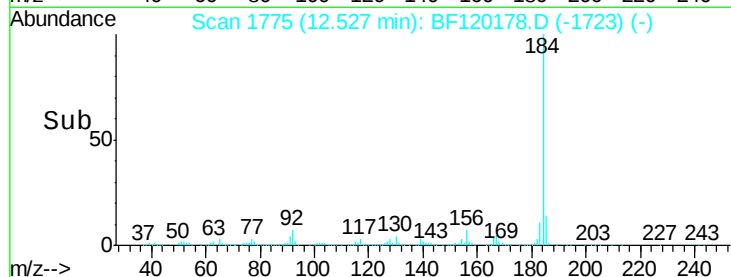
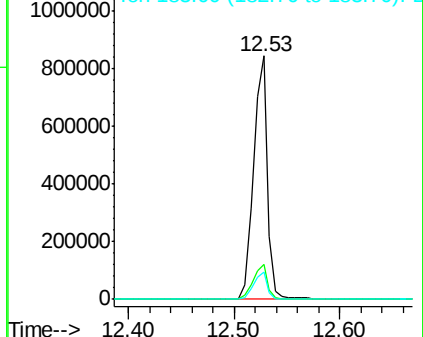
183 11.2 9.0 13.6



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: 58.907 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

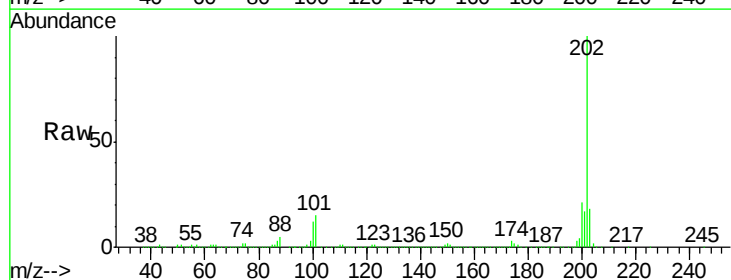
Tgt Ion:202 Resp: 1790817

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

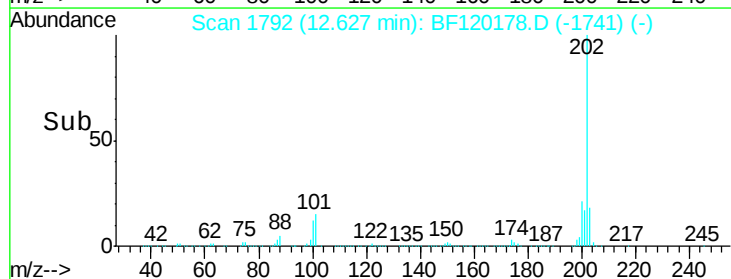
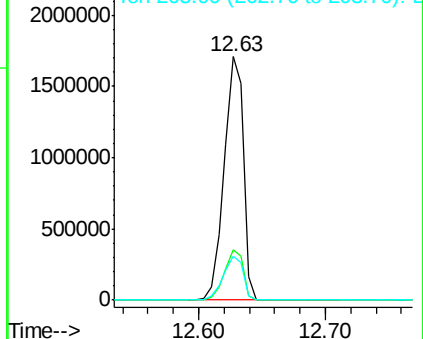
203 18.2 15.1 22.7

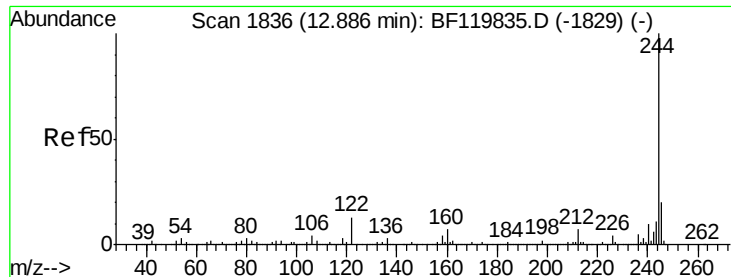


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.424 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

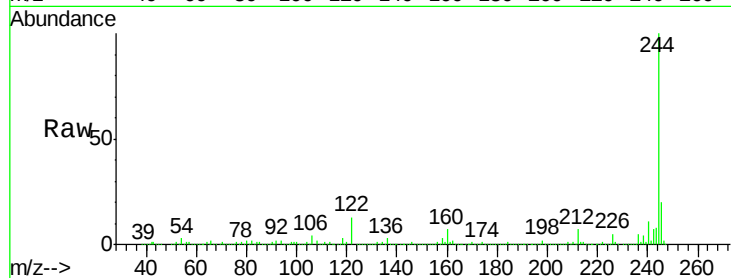
Tot Ion:244 Resp: 2388014

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

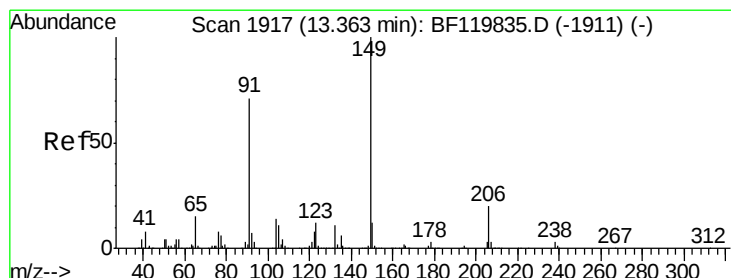
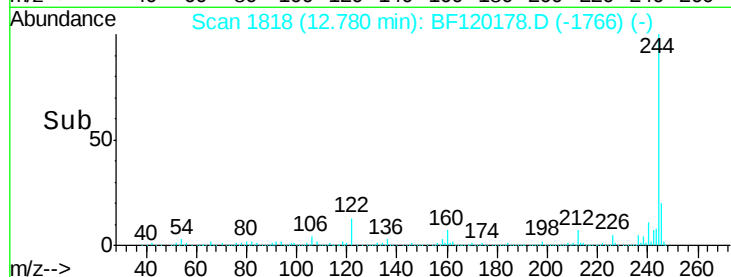
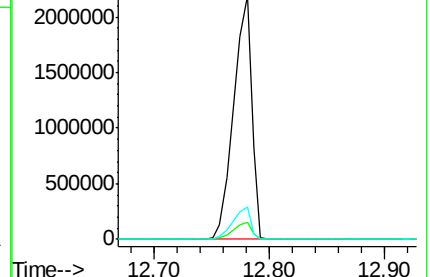
122 13.2 10.3 15.5



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: 56.527 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

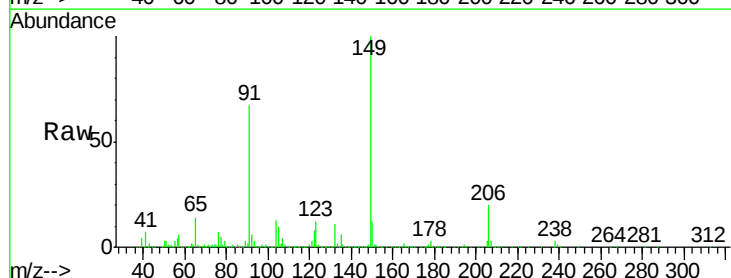
Tgt Ion:149 Resp: 833859

Ion Ratio Lower Upper

149 100

91 66.9 54.7 82.1

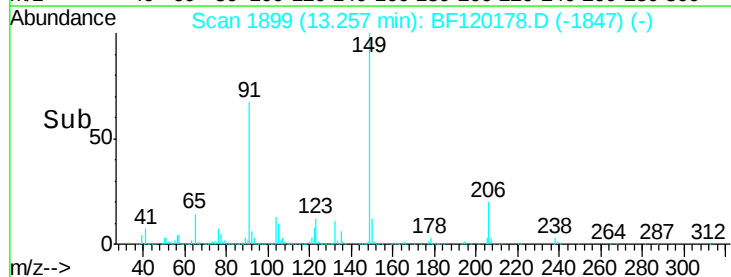
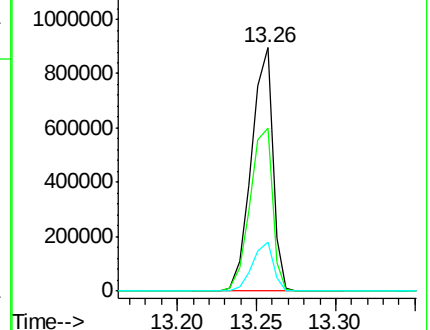
206 20.3 16.2 24.2

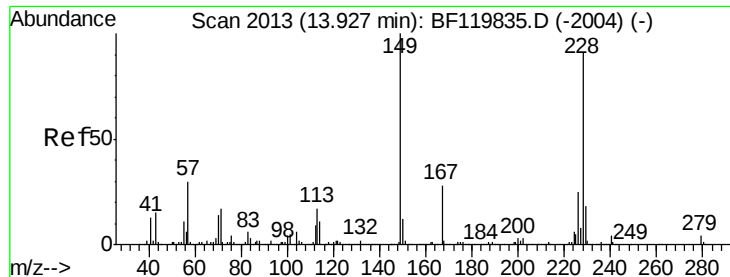


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.239 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

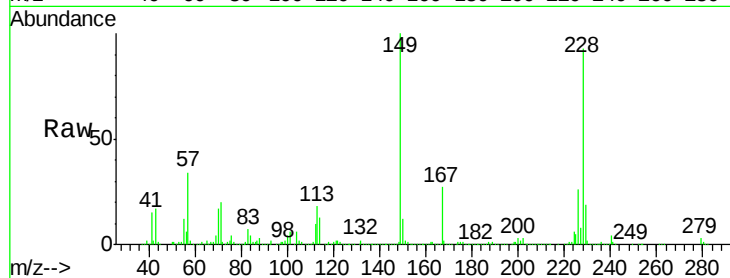
Tot Ion:228 Resp: 1381657

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

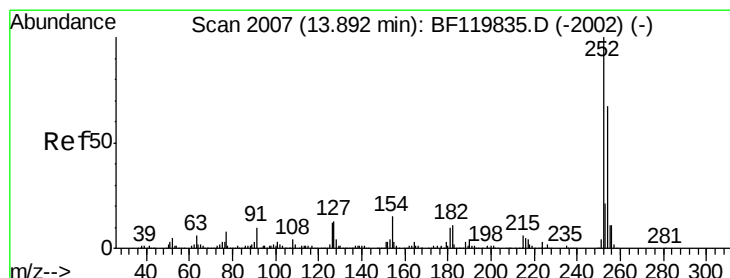
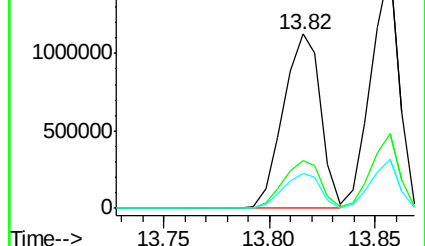
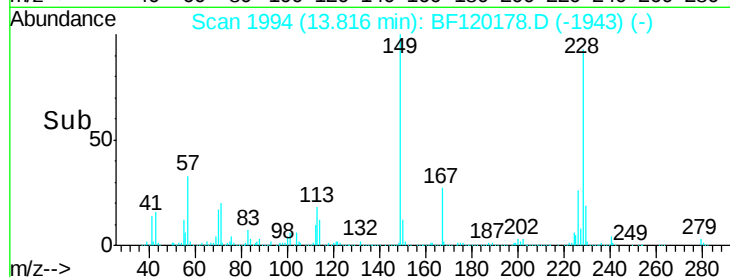
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.943 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

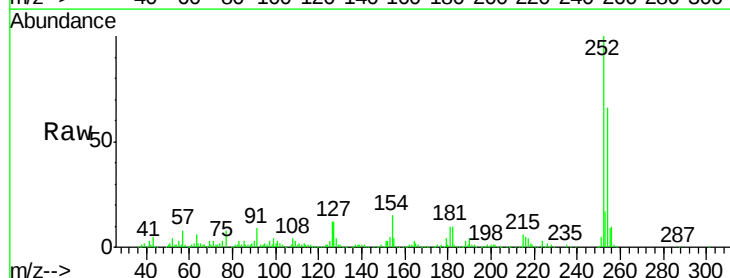
Tgt Ion:252 Resp: 238500

Ion Ratio Lower Upper

252 100

254 65.9 51.2 76.8

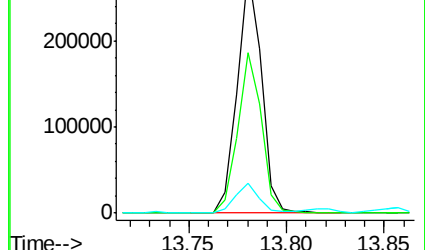
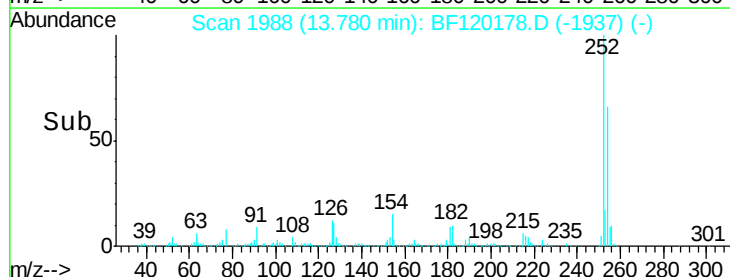
126 12.2 9.6 14.4

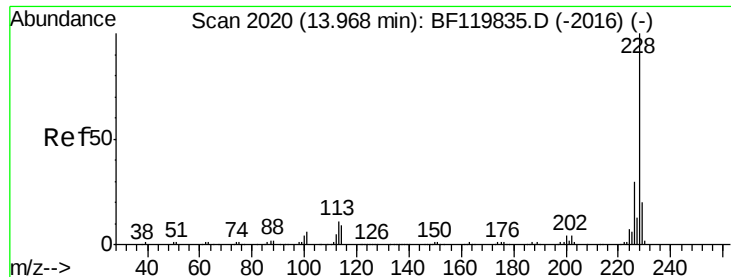


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

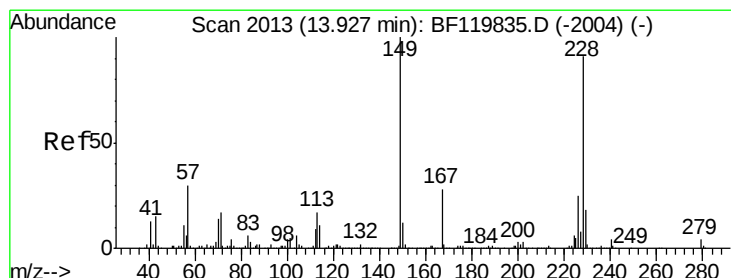
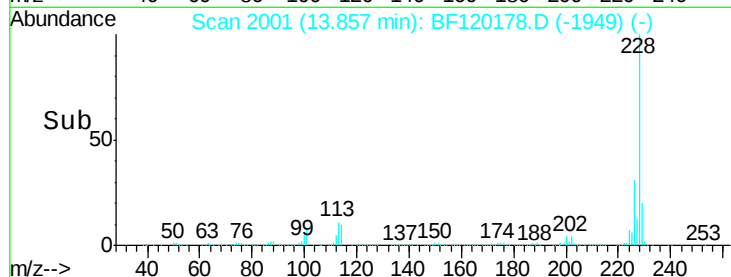
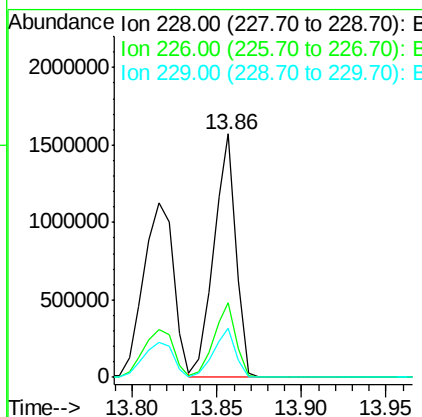
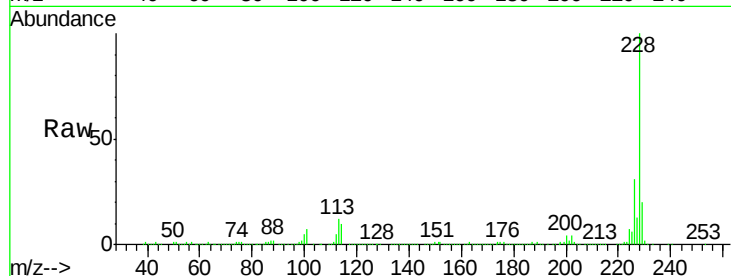




#83
 Chrysene
 Concen: 59.443 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

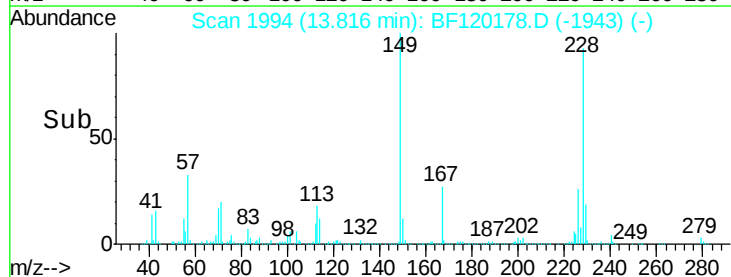
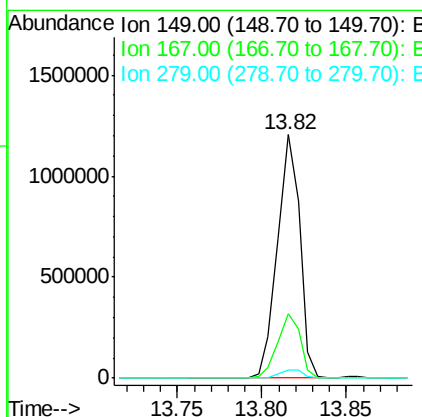
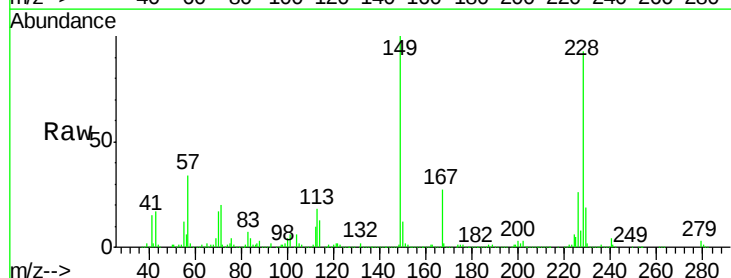
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MSD

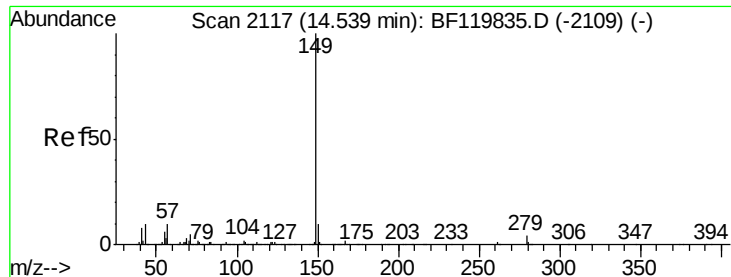
Tot Ion:228 Resp: 1432919
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 20.4 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.608 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF120178.D
 Acq: 23 Apr 2020 21:54

Tgt Ion:149 Resp: 1110868
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.4 2.7 4.1

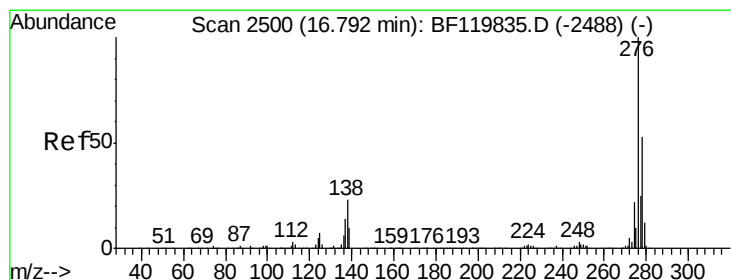
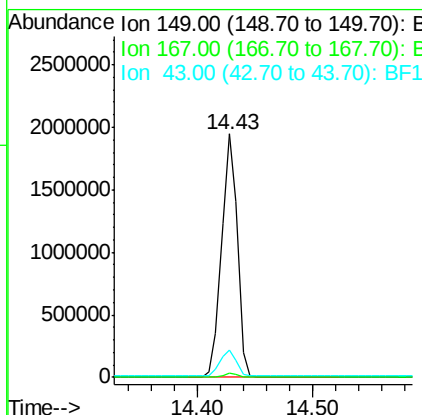
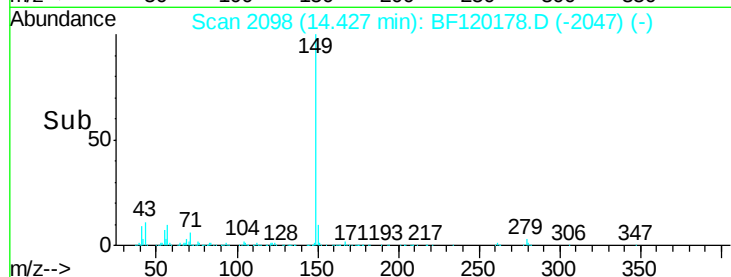
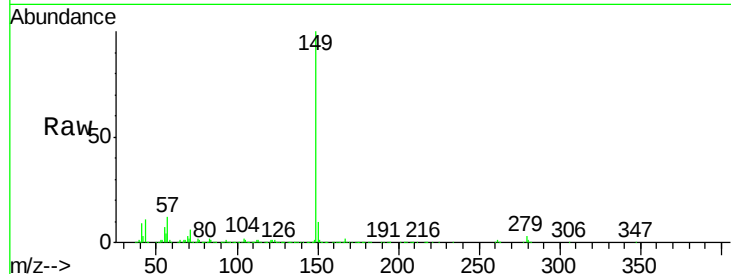




#85
Di-n-octyl phthalate
Concen: 54.051 ng
RT: 14.43 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

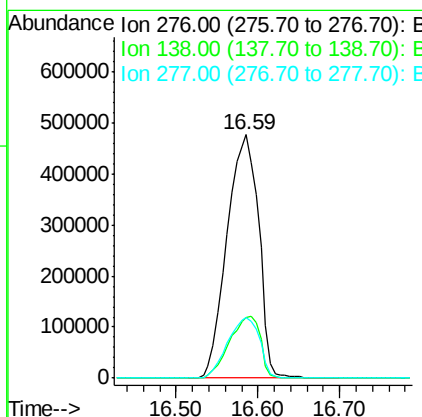
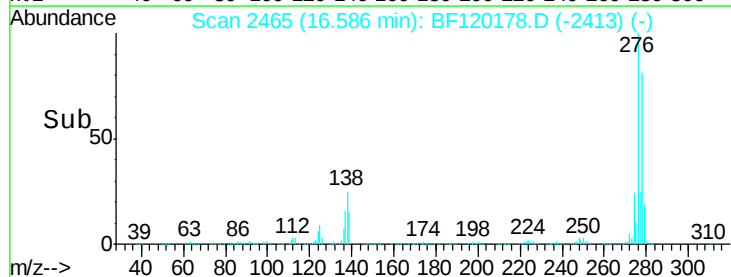
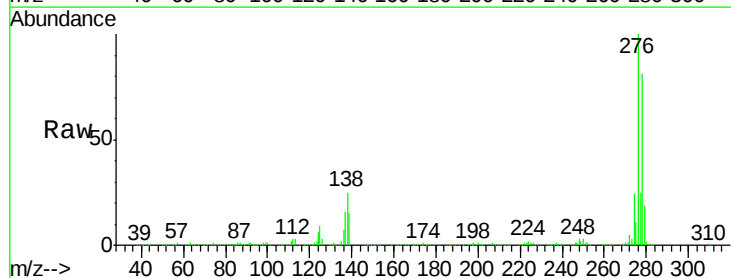
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

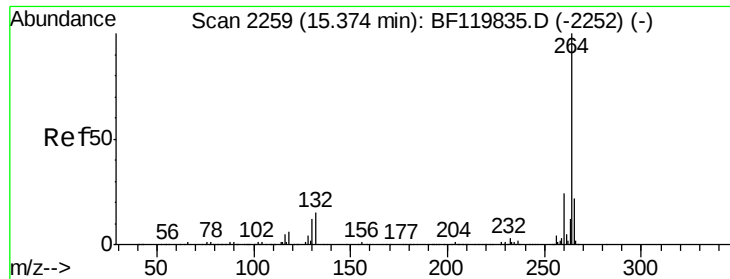
Tot Ion:149 Resp: 1838481
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 60.467 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:276 Resp: 1284863
Ion Ratio Lower Upper
276 100
138 25.1 19.6 29.4
277 25.1 20.0 30.0

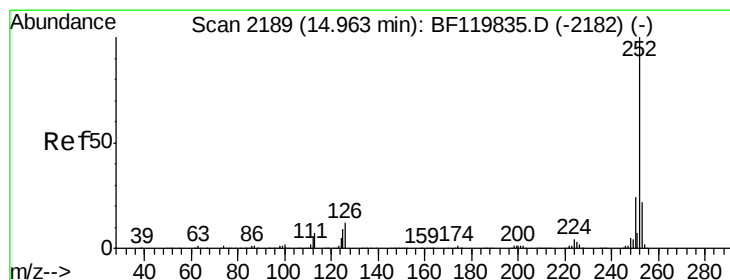
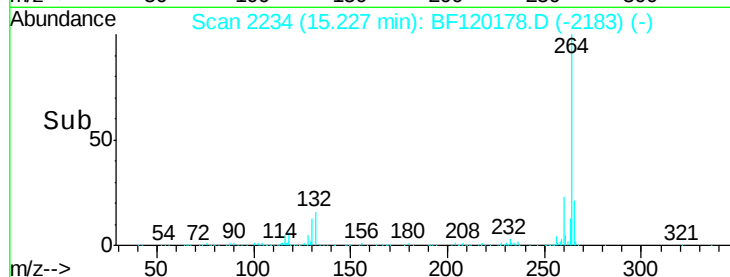
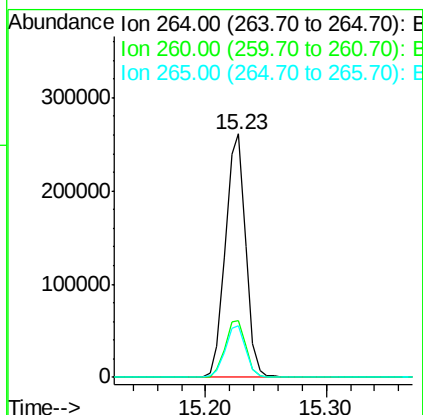
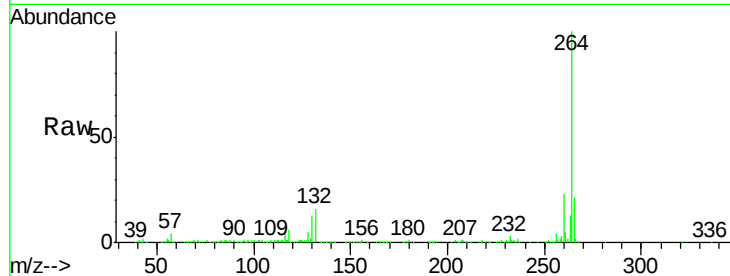




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

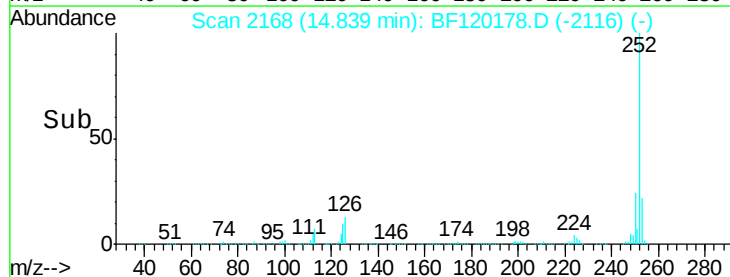
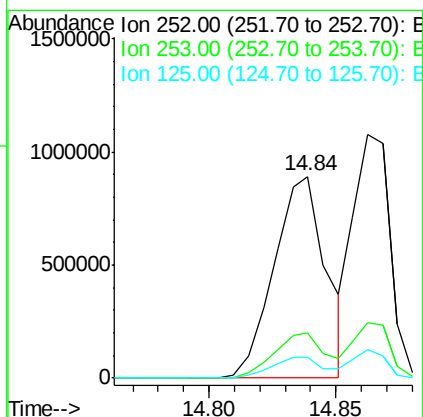
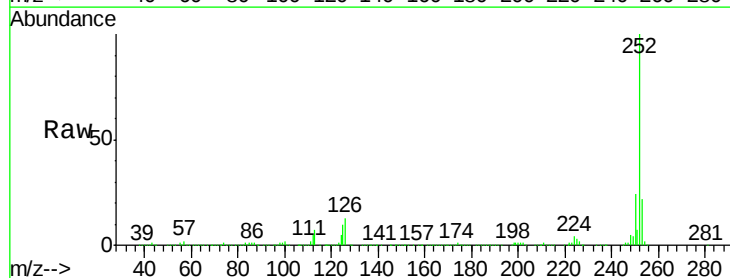
Instrument :
BNA_F
ClientSampleId :
ETGI-337MSD

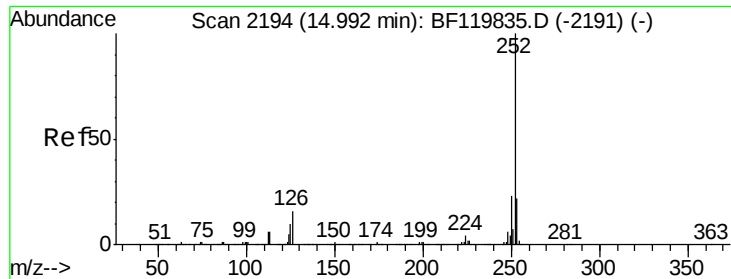
Tot Ion:264 Resp: 303141
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 58.245 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:252 Resp: 1270167
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.2 7.9 11.9

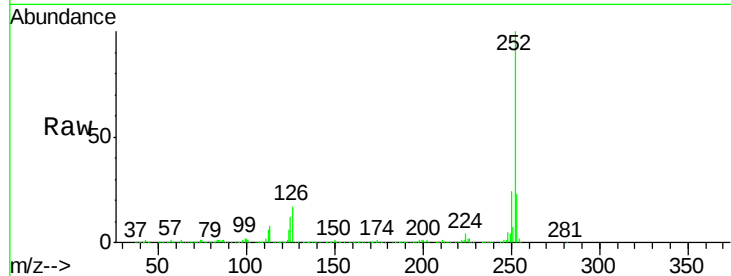




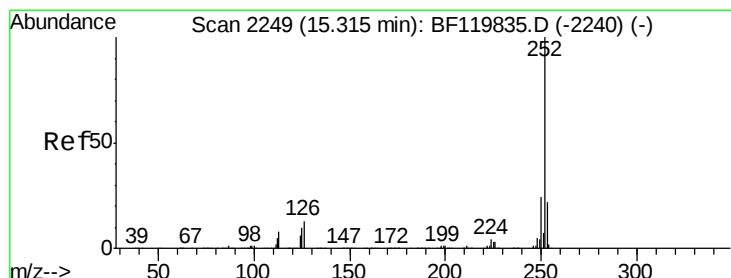
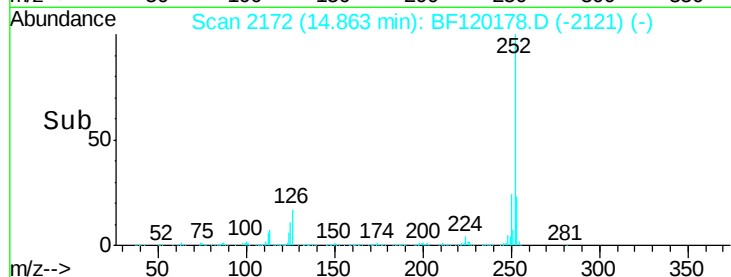
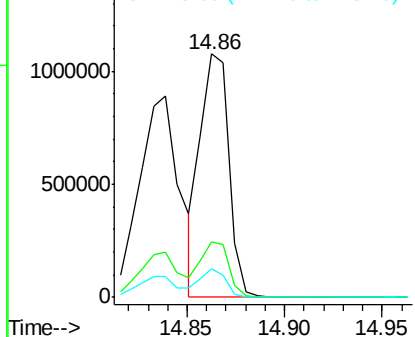
#89
Benzo(k)fluoranthene
Concen: 58.126 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Instrument :
BNA_F
ClientSampled :
ETGI-337MSD

Tot Ion:252 Resp: 1093684
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.7 8.4 12.6

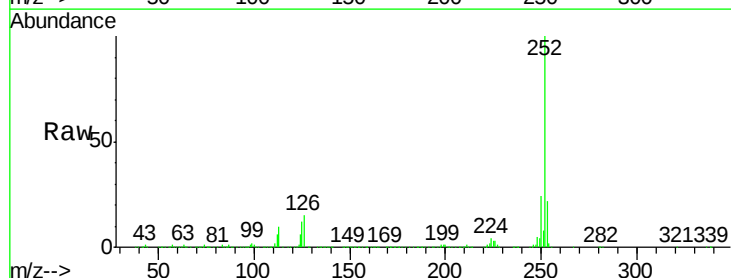


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

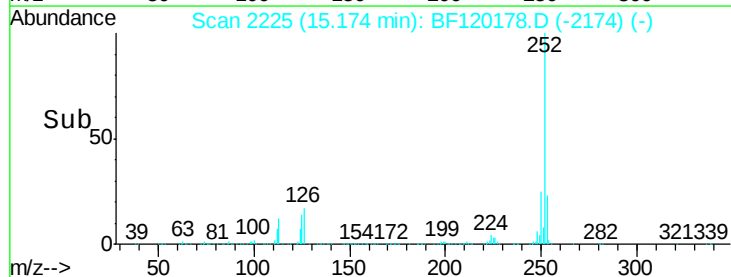
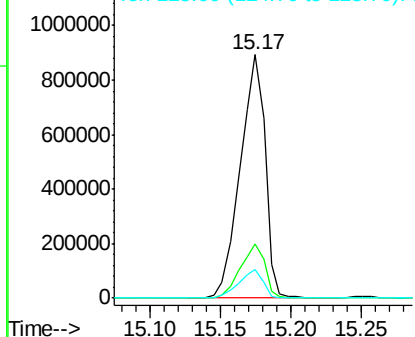


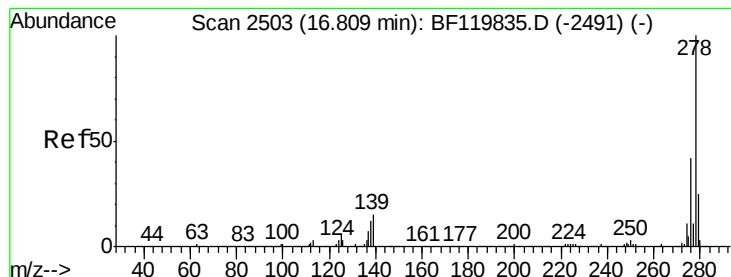
#90
Benzo(a)pyrene
Concen: 59.996 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120178.D
Acq: 23 Apr 2020 21:54

Tgt Ion:252 Resp: 1100055
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.8 9.4 14.2



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





#91

Dibenzo(a,h)anthracene

Concen: 65.005 ng

RT: 16.60 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Instrument :

BNA_F

ClientSampleId :

ETGI-337MSD

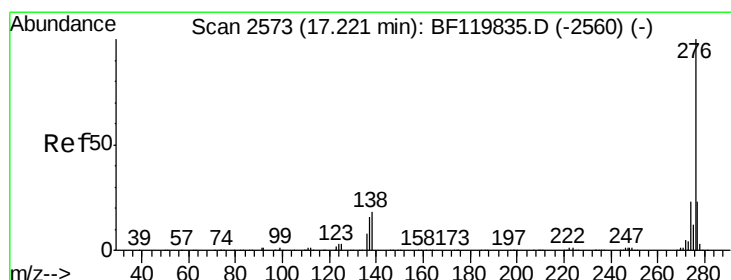
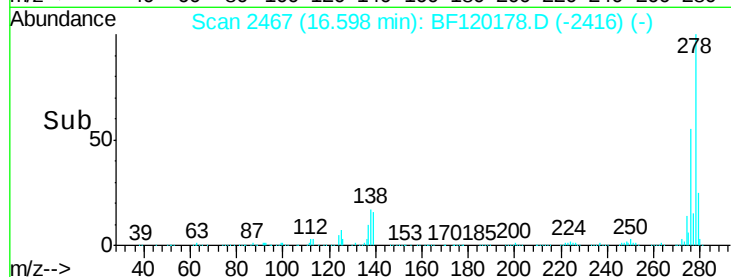
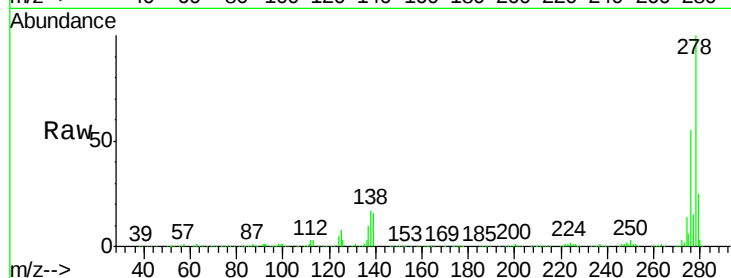
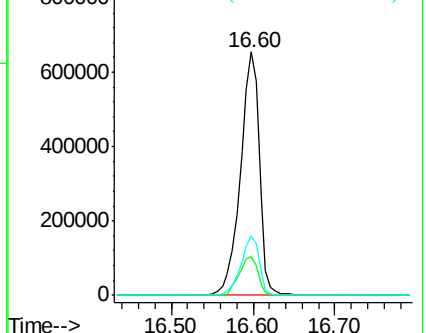
Tot Ion:278 Resp: 1055779

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	19.0
279	24.6	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: 65.366 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF120178.D

Acq: 23 Apr 2020 21:54

Tgt Ion:276 Resp: 1047940

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	21.6	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

