

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045247.D
 Acq On : 4 May 2020 23:55
 Operator : CG/JU
 Sample : L2375-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Quant Time: May 05 01:30:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	98237	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	386962	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	252373	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	506616	20.00	ng	0.00
76) Chrysene-d12	21.66	240	424095	20.00	ng	0.01
87) Perylene-d12	24.85	264	455930	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	704881	118.46	ng	0.01
7) Phenol-d6	7.17	99	989916	111.97	ng	0.02
23) Nitrobenzene-d5	9.16	82	660486	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	424385	108.85	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1434155	83.33	ng	0.00
79) Terphenyl-d14	20.00	244	1788679	91.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	83562	31.599	ng	98
3) Pyridine	3.86	79	190717	23.424	ng	96
4) n-Nitrosodimethylamine	3.77	42	90961	36.468	ng	91
6) Aniline	7.32	93	310722	27.032	ng	99
8) 2-Chlorophenol	7.56	128	267870	41.887	ng	97
9) Benzaldehyde	7.13	77	229521	49.004	ng	98
10) Phenol	7.19	94	357728	40.436	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	252287	35.818	ng	97
12) 1,3-Dichlorobenzene	7.89	146	303102	40.222	ng	97
13) 1,4-Dichlorobenzene	8.03	146	301923	40.209	ng	97
14) 1,2-Dichlorobenzene	8.35	146	286097	39.826	ng	94
15) Benzyl Alcohol	8.23	79	275937	37.227	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	240262	34.749	ng	95
17) 2-Methylphenol	8.45	107	242278	35.495	ng	94
18) Hexachloroethane	9.09	117	112453	39.837	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	222129	35.528	ng	98
20) 3+4-Methylphenols	8.77	107	332420	34.794	ng	98
22) Acetophenone	8.82	105	419083	40.048	ng	# 98
24) Nitrobenzene	9.20	77	337534	38.828	ng	97
25) Isophorone	9.72	82	613329	35.315	ng	100
26) 2-Nitrophenol	9.91	139	152456	40.715	ng	96
27) 2,4-Dimethylphenol	9.98	122	254882	42.899	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	345365	37.848	ng	100
29) 2,4-Dichlorophenol	10.45	162	278279	40.563	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	317356	40.857	ng	95
31) Naphthalene	10.85	128	859146	40.586	ng	99
32) Benzoic acid	10.13	122	150733	33.608	ng	98
33) 4-Chloroaniline	10.96	127	223711	22.660	ng	98
34) Hexachlorobutadiene	11.15	225	219895	41.291	ng	96
35) Caprolactam	11.73	113	62569	22.915	ng	95
36) 4-Chloro-3-methylphenol	12.09	107	301879	37.457	ng	98
37) 2-Methylnaphthalene	12.46	142	640357	38.973	ng	97
38) 1-Methylnaphthalene	12.68	142	590345	38.059	ng	# 92
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	366339	45.084	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	106552	20.980	ng	95
43) 2,4,6-Trichlorophenol	13.07	196	241042	42.031	ng	94
44) 2,4,5-Trichlorophenol	13.14	196	252677	38.708	ng	99
46) 1,1'-Biphenyl	13.47	154	780934	40.712	ng	100
47) 2-Chloronaphthalene	13.51	162	603552	41.178	ng	99
48) 2-Nitroaniline	13.71	65	185636	38.494	ng	97
49) Acenaphthylene	14.36	152	973155	40.762	ng	100
50) Dimethylphthalate	14.09	163	840584	40.906	ng	99
51) 2,6-Dinitrotoluene	14.20	165	170894	37.181	ng	95
52) Acenaphthene	14.70	154	581731	36.013	ng	99
53) 3-Nitroaniline	14.54	138	140131	27.798	ng	99
54) 2,4-Dinitrophenol	14.74	184	58484	21.398	ng	97
55) Dibenzofuran	15.04	168	918992	39.023	ng	97
56) 4-Nitrophenol	14.86	139	273746	70.036	ng	95
57) 2,4-Dinitrotoluene	15.00	165	231898	34.524	ng	99
58) Fluorene	15.69	166	729242	37.910	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	232661	40.057	ng	98
60) Diethylphthalate	15.45	149	743187	34.688	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	404130	36.500	ng	99
62) 4-Nitroaniline	15.70	138	147751	28.258	ng	88
63) Azobenzene	15.97	77	725404	36.724	ng	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	47150	14.159	ng	96
66) n-Nitrosodiphenylamine	15.89	169	643571	44.213	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	264854	40.524	ng	96
68) Hexachlorobenzene	16.70	284	284881	42.028	ng	98
69) Atrazine	16.85	200	226379	42.359	ng	96
70) Pentachlorophenol	17.04	266	347305	83.522	ng	97
71) Phenanthrene	17.43	178	1358341	52.176	ng	98
72) Anthracene	17.52	178	1167220	44.696	ng	100
73) Carbazole	17.79	167	1005705	37.950	ng	98
74) Di-n-butylphthalate	18.35	149	1104901	37.257	ng	99
75) Fluoranthene	19.44	202	1702407	57.325	ng	98
77) Benzidine	19.61	184	495419	39.620	ng	98
78) Pyrene	19.80	202	1609338	55.044	ng	99
80) Butylbenzylphthalate	20.69	149	459907	37.949	ng	98
81) Benzo(a)anthracene	21.64	228	1411502	51.351	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	382786	34.988	ng	99
83) Chrysene	21.70	228	1322830	50.088	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	667354	40.038	ng	98
85) Di-n-octyl phthalate	22.75	149	1091206	37.858	ng	97
86) Indeno(1,2,3-cd)pyrene	28.48	276	1162027	33.140	ng	# 96
88) Benzo(b)fluoranthene	23.84	252	1483237	51.935	ng	99
89) Benzo(k)fluoranthene	23.90	252	1297203	47.762	ng	99
90) Benzo(a)pyrene	24.69	252	1294135	47.994	ng	99
91) Dibenzo(a,h)anthracene	28.54	278	920455	33.877	ng	98
92) Benzo(g,h,i)perylene	29.59	276	864352	31.731	ng	97

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

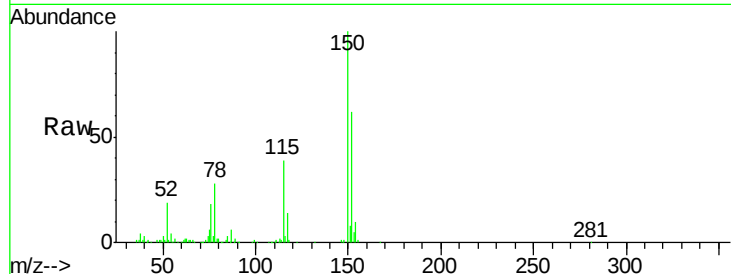


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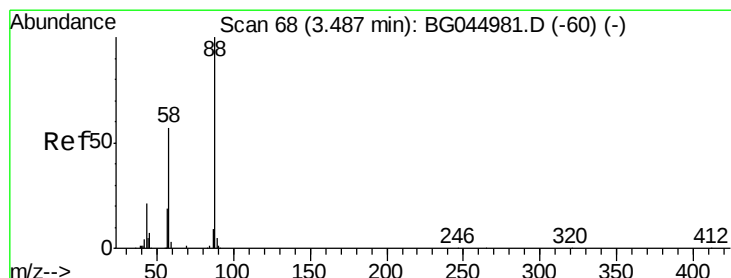
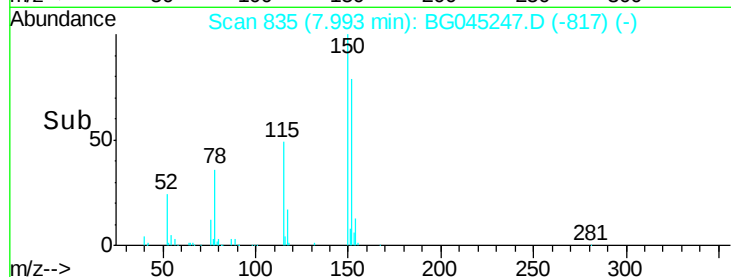
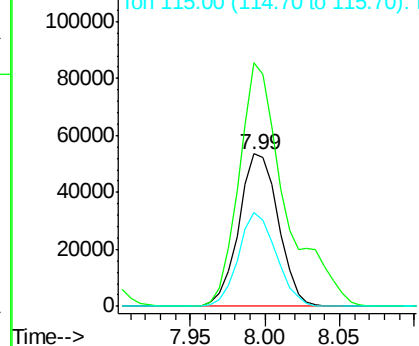
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion:152 Resp: 98237
Ion Ratio Lower Upper
152 100
150 160.1 123.6 185.4
115 61.8 49.1 73.7



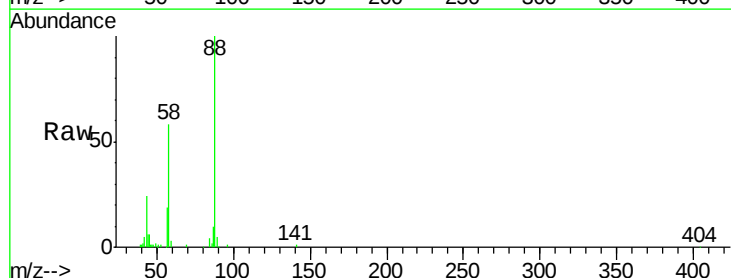
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



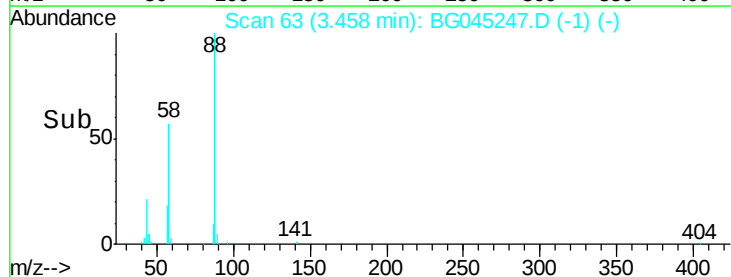
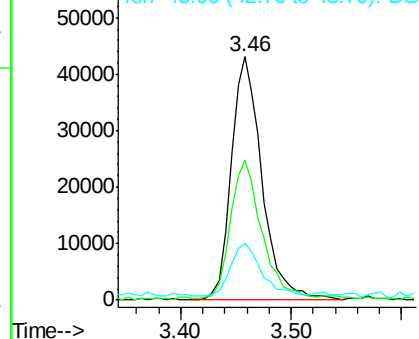
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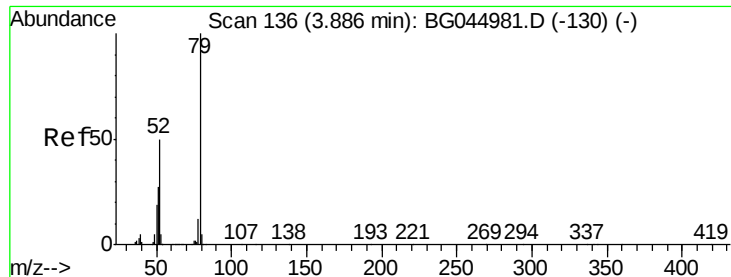
1,4-Dioxane
Concen: 31.599 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion: 88 Resp: 83562
Ion Ratio Lower Upper
88 100
58 57.0 46.6 69.8
43 21.3 17.5 26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.424 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

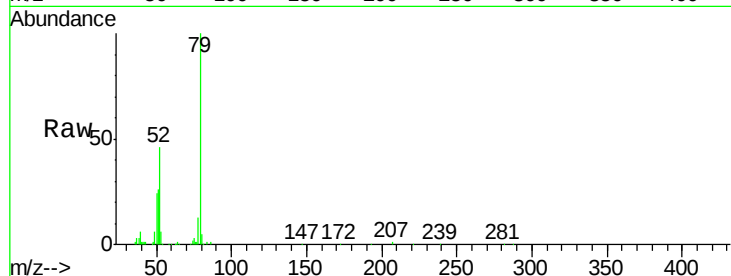
Tot Ion: 79 Resp: 190717

Ion Ratio Lower Upper

79 100

52 45.6 39.8 59.6

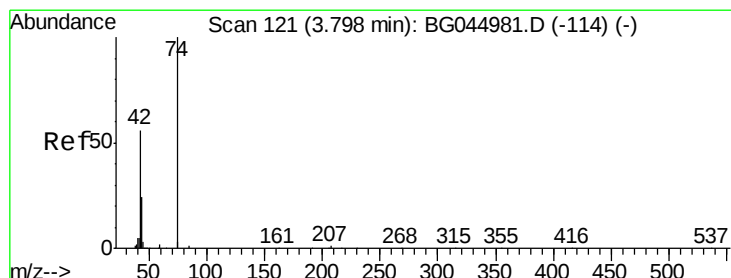
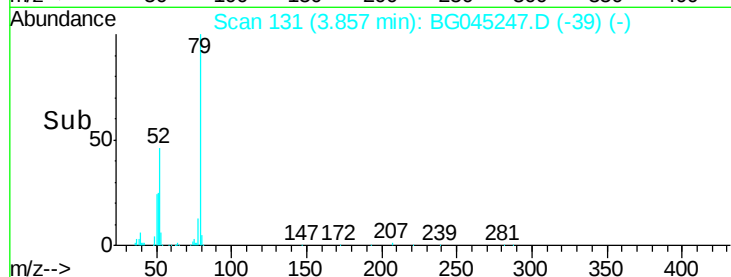
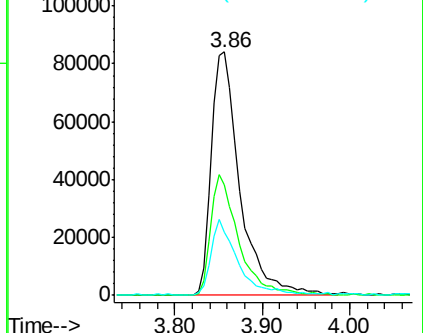
51 26.0 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.468 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

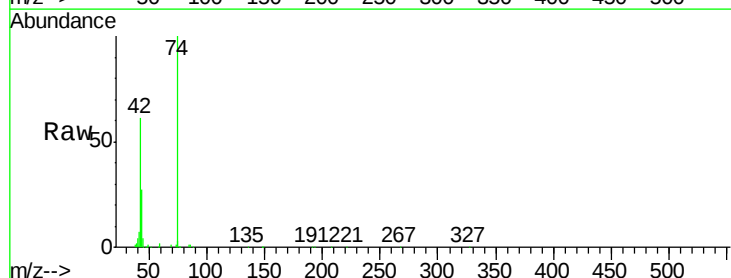
Tgt Ion: 42 Resp: 90961

Ion Ratio Lower Upper

42 100

74 165.2 143.0 214.6

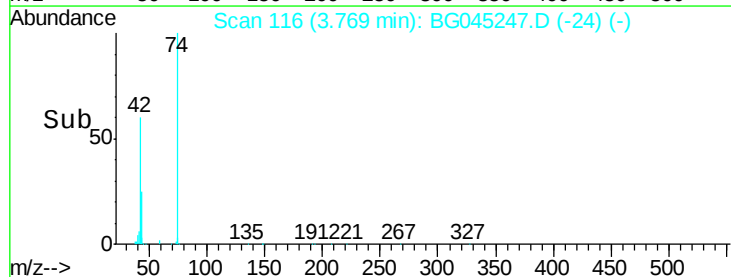
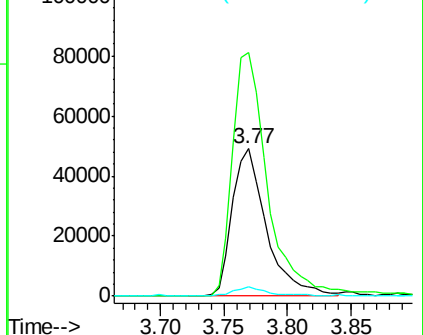
44 5.9 4.6 6.8



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.461 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

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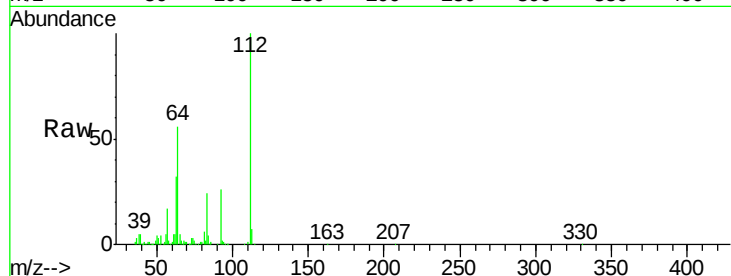
Tot Ion:112 Resp: 704881

Ion Ratio Lower Upper

112 100

64 55.5 42.4 63.6

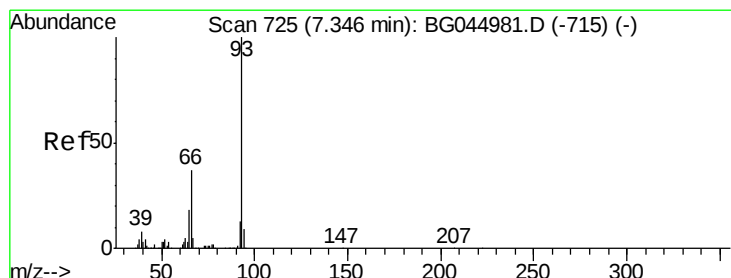
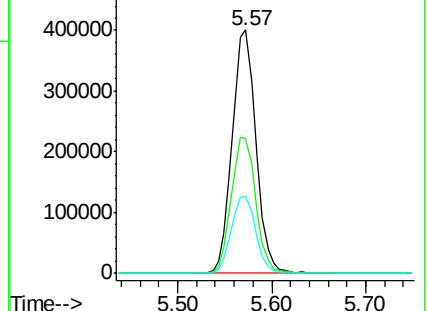
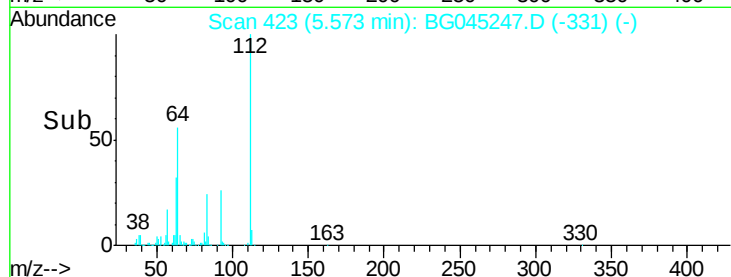
63 31.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.032 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

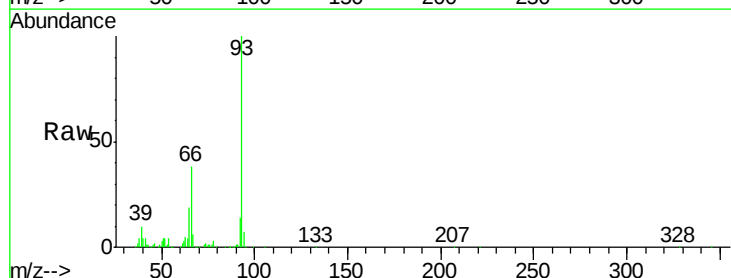
Tgt Ion: 93 Resp: 310722

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.8

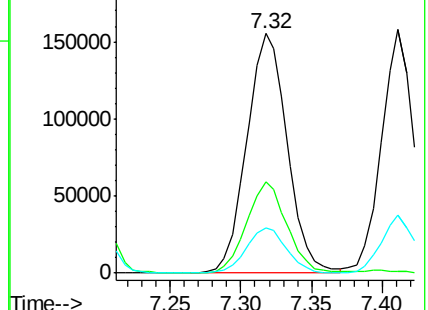
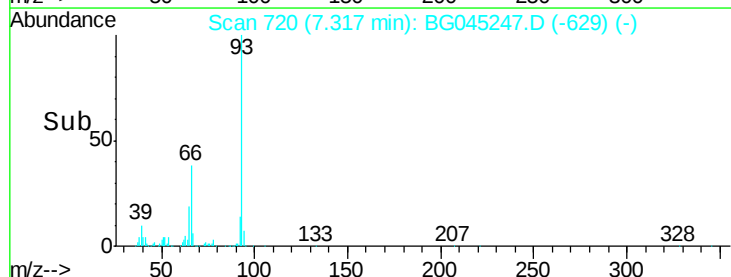
65 18.8 14.6 22.0

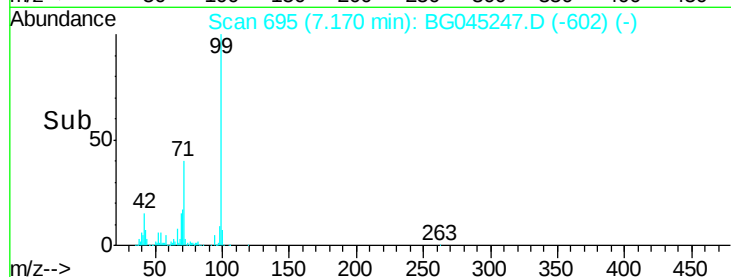
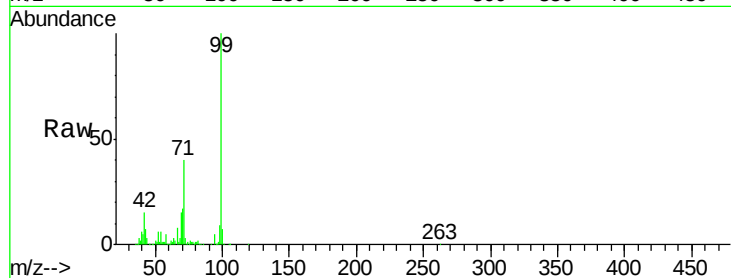
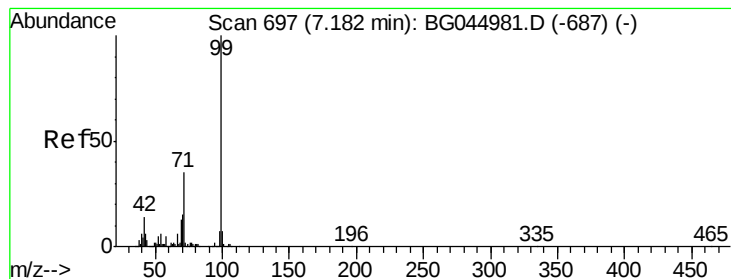


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.972 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.02 min

Lab File: BG045247.D

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Instrument :

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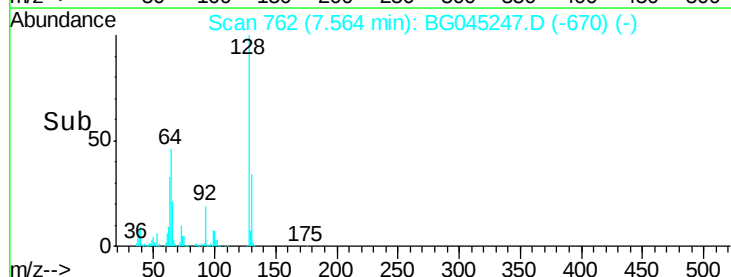
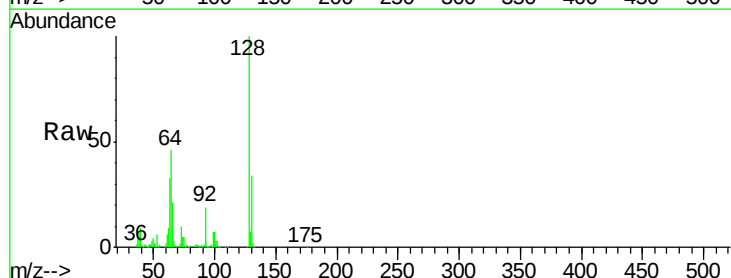
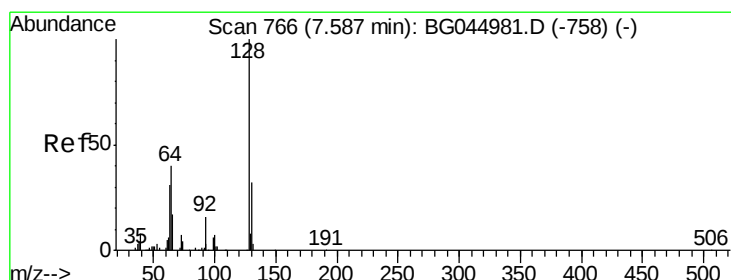
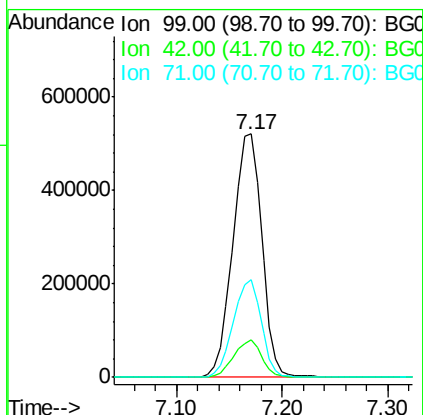
Tot Ion: 99 Resp: 989916

Ion Ratio Lower Upper

99 100

42 15.2 11.3 16.9

71 39.9 28.3 42.5



#8

2-Chlorophenol

Concen: 41.887 ng

RT: 7.56 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

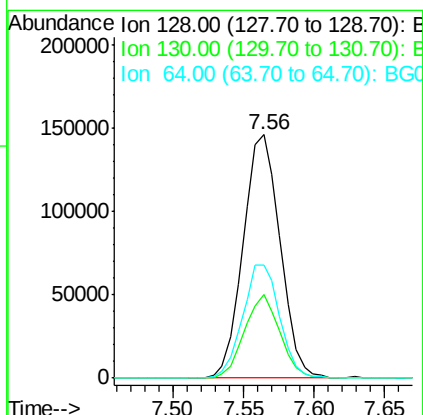
Tgt Ion:128 Resp: 267870

Ion Ratio Lower Upper

128 100

130 34.4 12.3 52.3

64 46.5 24.4 64.4





#9

Benzaldehyde

Concen: 49.004 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

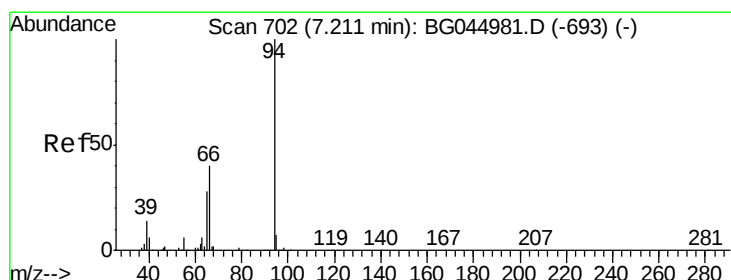
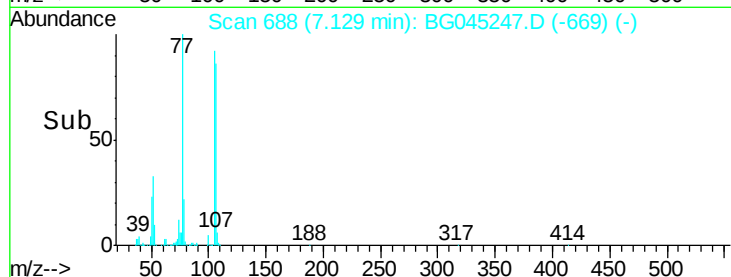
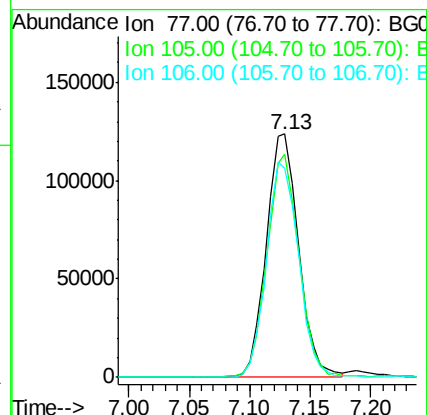
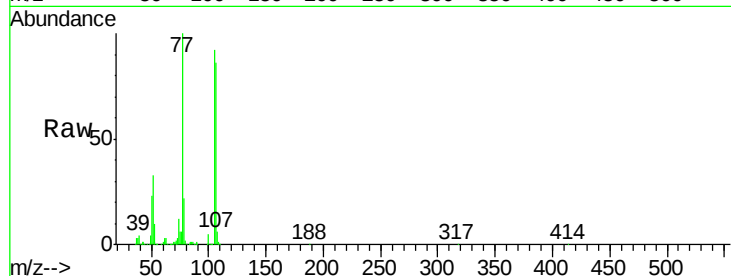
Tot Ion: 77 Resp: 229521

Ion Ratio Lower Upper

77 100

105 91.6 72.9 112.9

106 86.0 67.6 107.6



#10

Phenol

Concen: 40.436 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

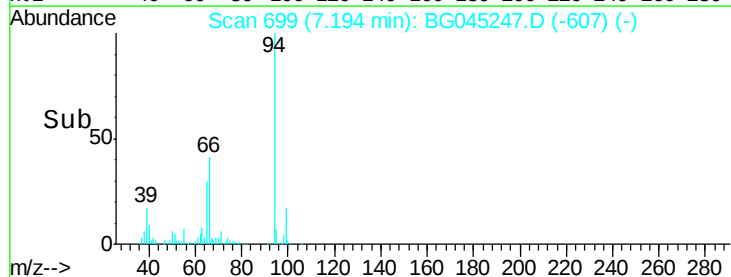
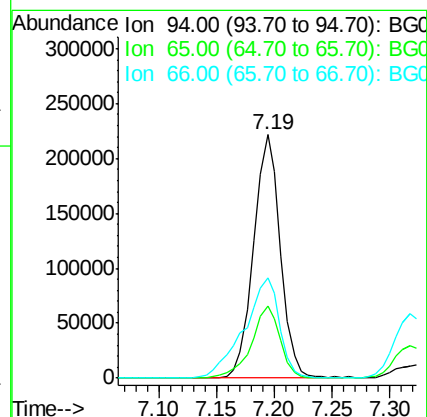
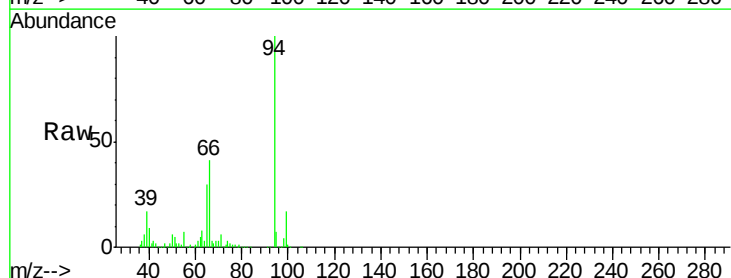
Tgt Ion: 94 Resp: 357728

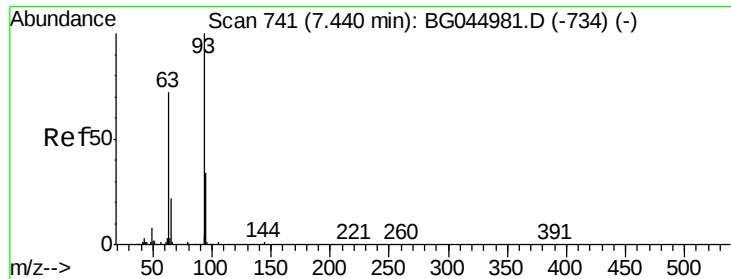
Ion Ratio Lower Upper

94 100

65 29.6 8.2 48.2

66 40.9 20.4 60.4



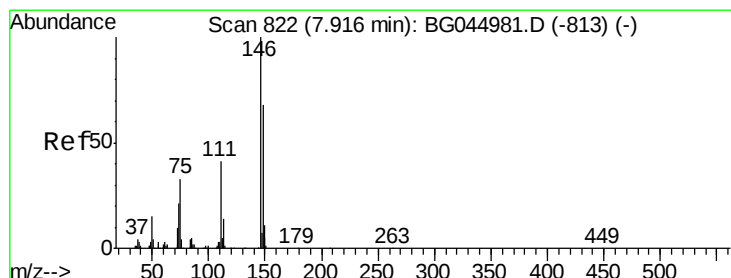
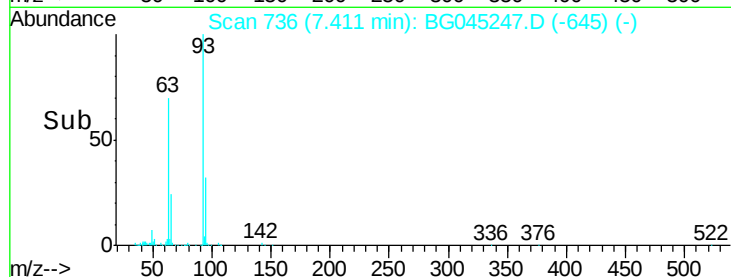
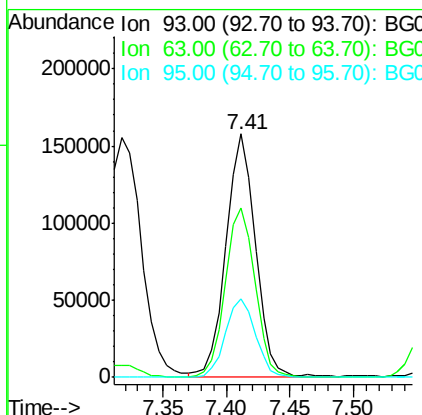
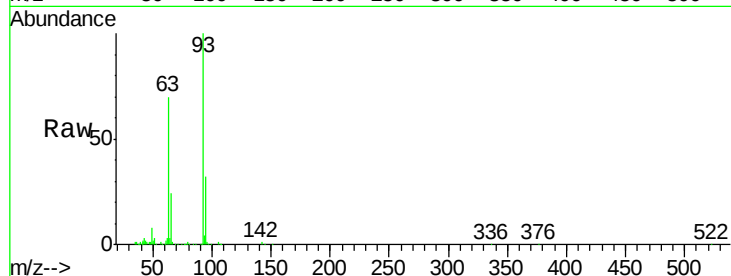


#11
 bis(2-Chloroethyl)ether
 Concen: 35.818 ng
 RT: 7.41 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Tot Ion: 93 Resp: 252287

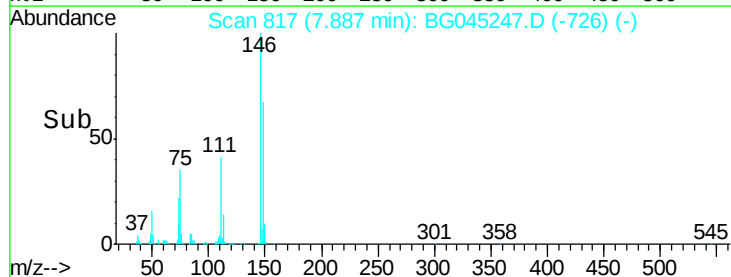
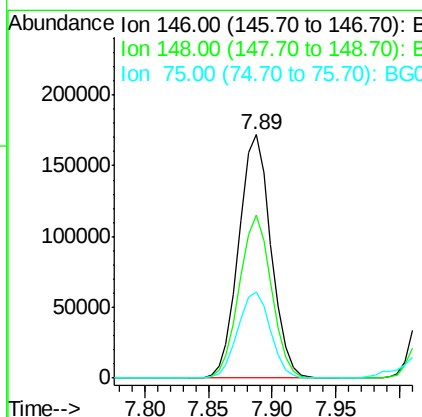
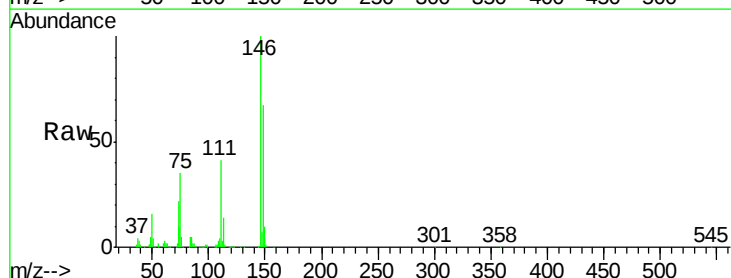
Ion	Ratio	Lower	Upper
93	100		
63	69.7	51.8	91.8
95	32.4	13.8	53.8

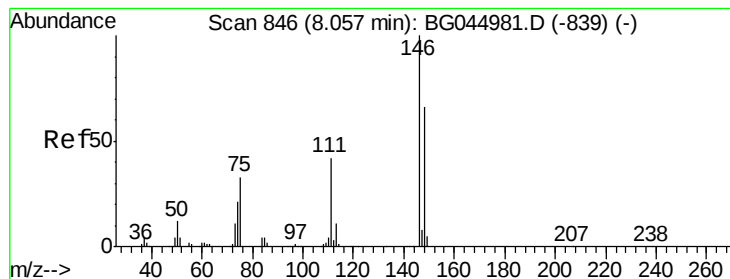


#12
 1,3-Dichlorobenzene
 Concen: 40.222 ng
 RT: 7.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion: 146 Resp: 303102

Ion	Ratio	Lower	Upper
146	100		
148	66.8	54.6	81.8
75	35.3	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 40.209 ng

RT: 8.03 min Scan# 842

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

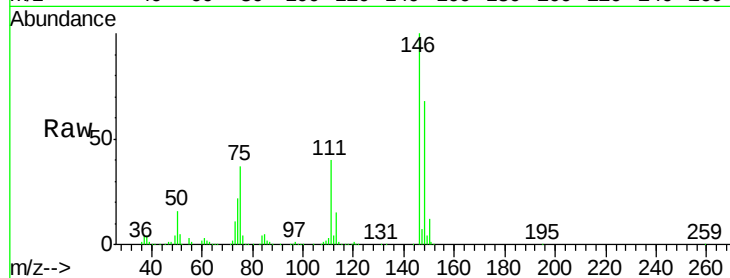
Tot Ion:146 Resp: 301923

Ion Ratio Lower Upper

146 100

148 68.3 53.3 79.9

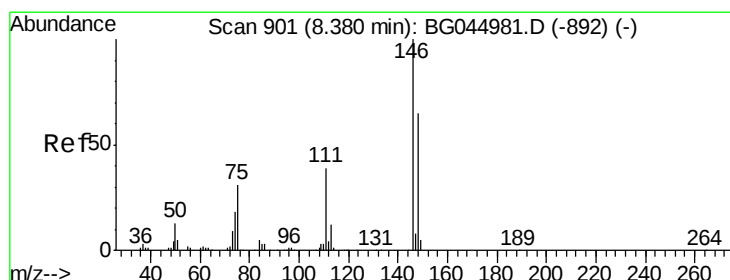
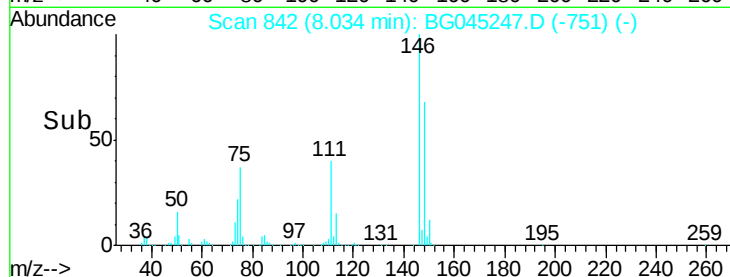
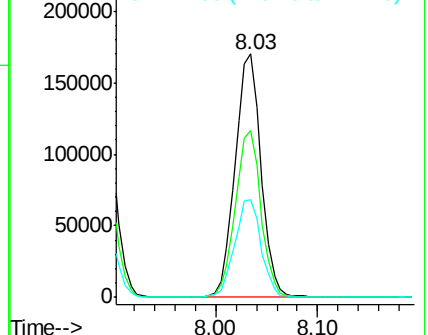
111 40.2 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.826 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

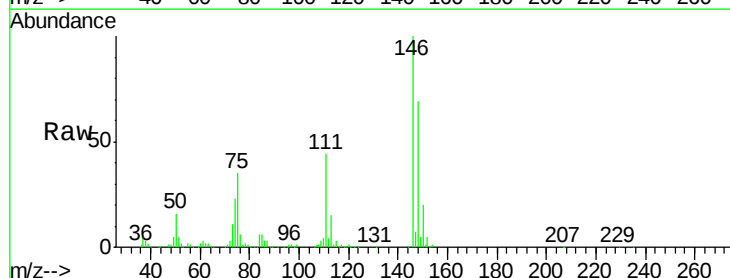
Tgt Ion:146 Resp: 286097

Ion Ratio Lower Upper

146 100

148 68.6 51.9 77.9

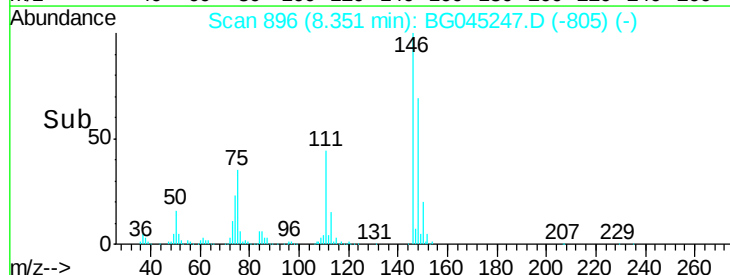
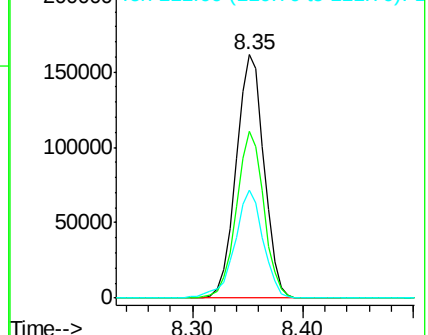
111 44.3 31.3 46.9

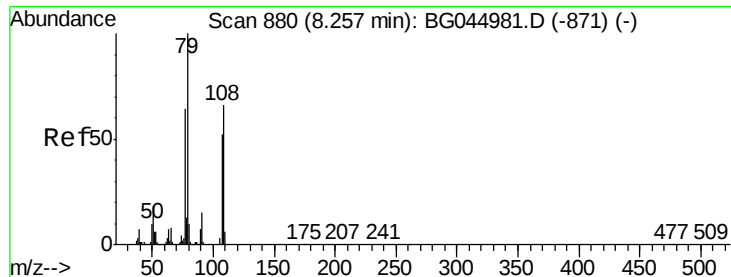


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

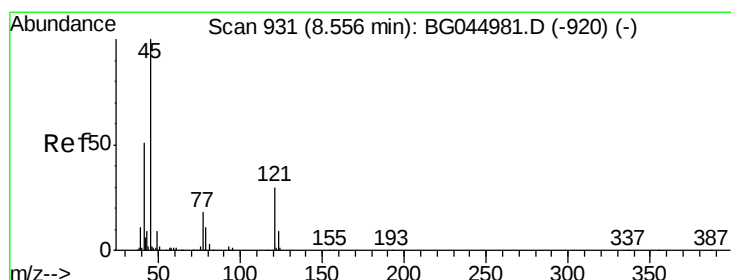
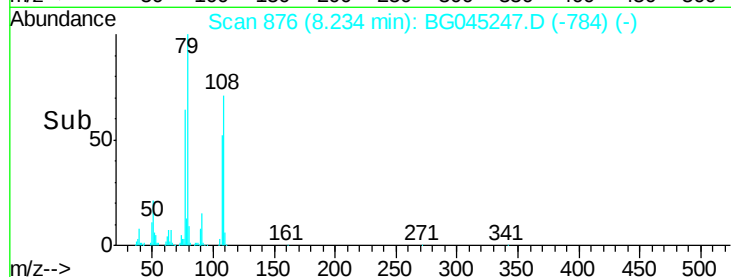
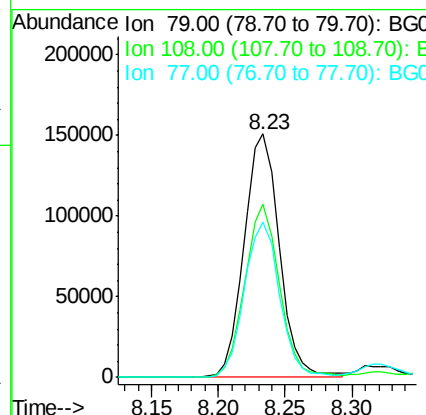
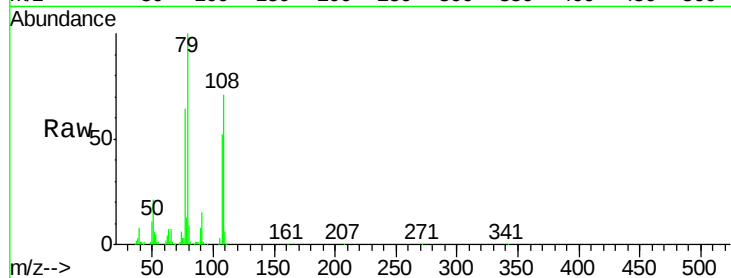




#15
Benzyl Alcohol
Concen: 37.227 ng
RT: 8.23 min Scan# 876
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

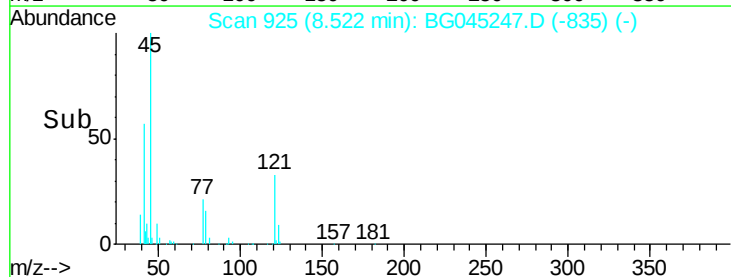
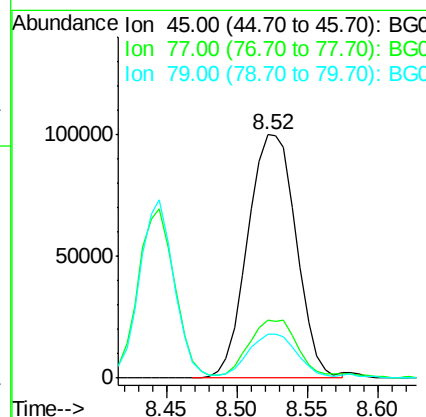
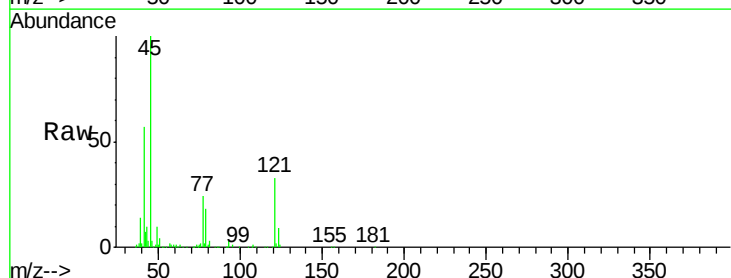
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion: 79 Resp: 275937
Ion Ratio Lower Upper
79 100
108 71.1 52.7 79.1
77 63.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.749 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion: 45 Resp: 240262
Ion Ratio Lower Upper
45 100
77 23.7 1.9 41.9
79 18.0 0.0 35.5





#17

2-Methylphenol

Concen: 35.495 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:107 Resp: 242278

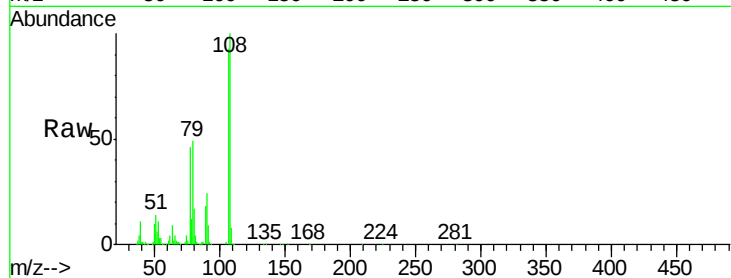
Ion Ratio Lower Upper

107 100

108 108.0 93.8 140.6

77 49.8 38.5 57.7

79 52.7 40.1 60.1

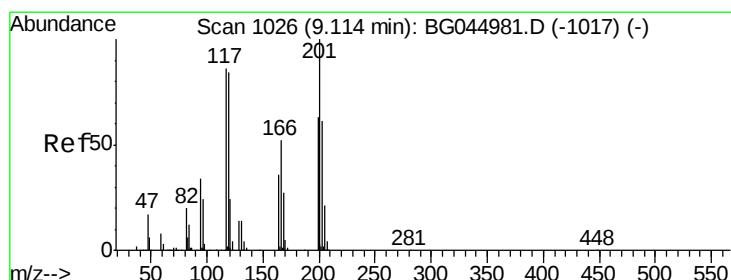
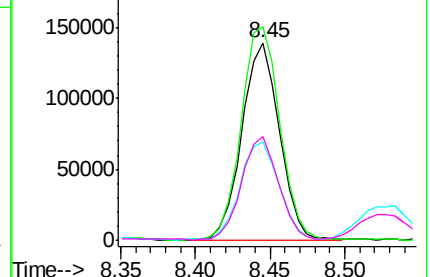
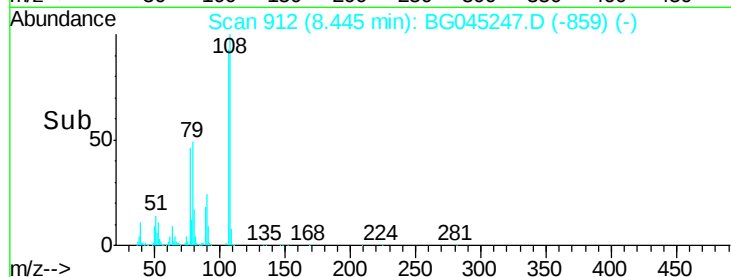


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.837 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

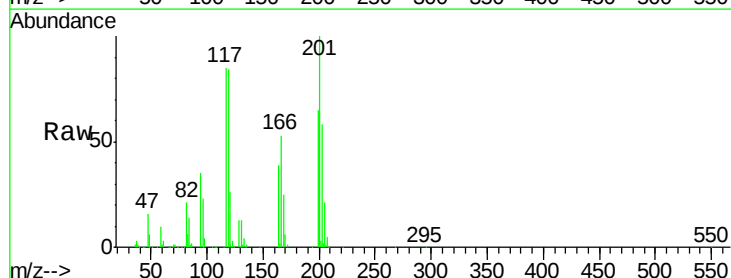
Tgt Ion:117 Resp: 112453

Ion Ratio Lower Upper

117 100

119 98.3 78.3 117.5

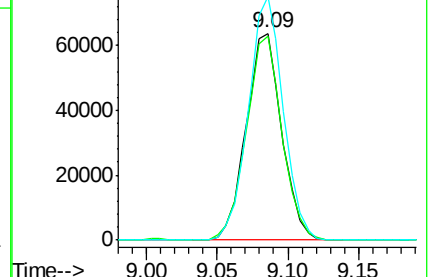
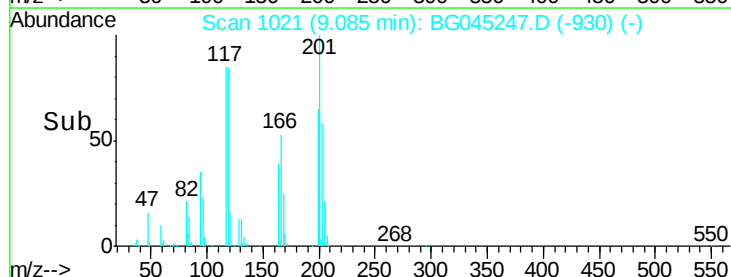
201 117.6 92.9 139.3

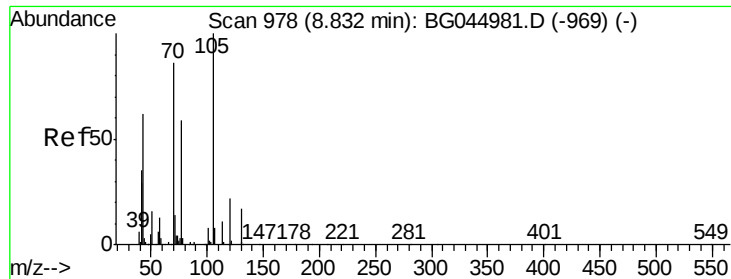


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

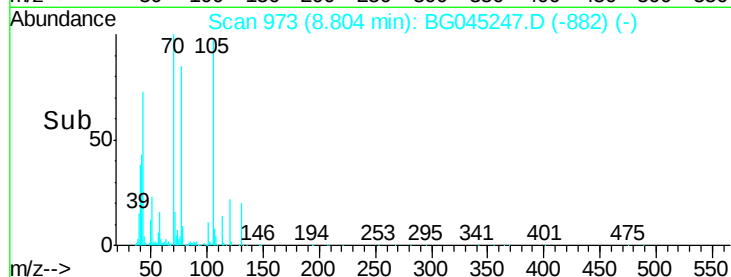
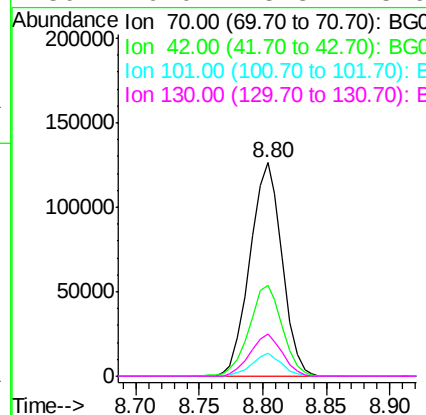
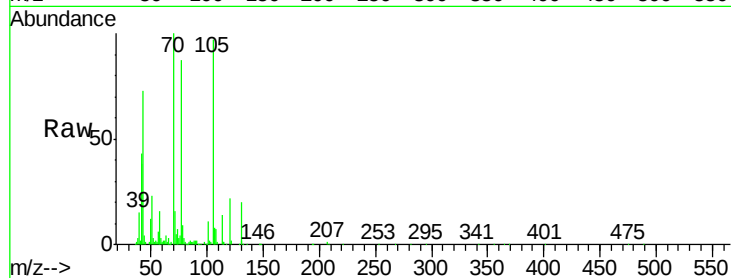




#19
n-Nitroso-di-n-propylamine
Concen: 35.528 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

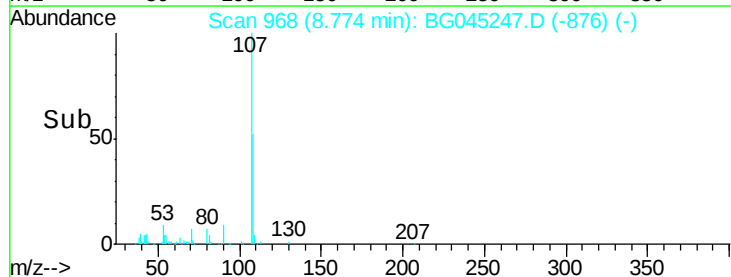
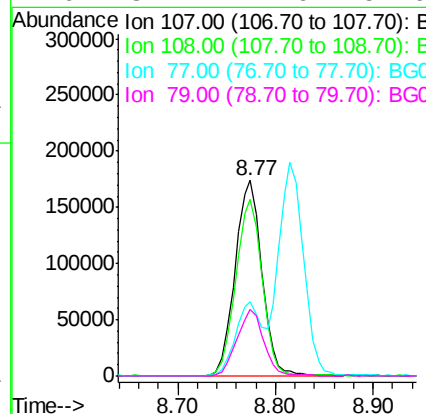
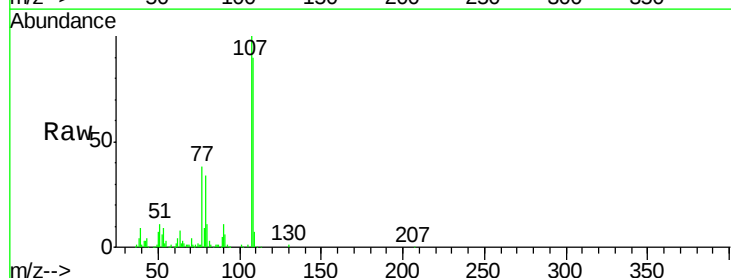
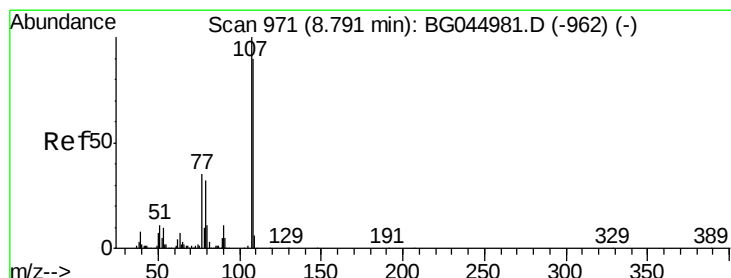
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

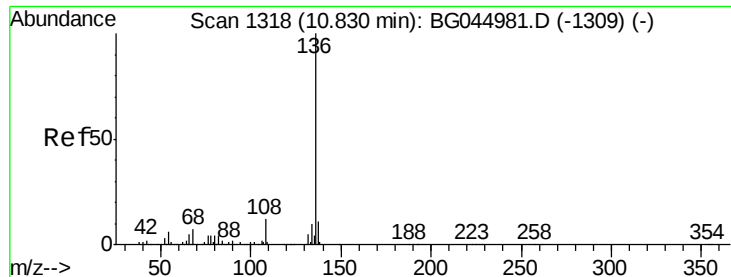
Tot Ion:	70	Resp:	222129
Ion	Ratio	Lower	Upper
70	100		
42	42.6	33.3	49.9
101	10.9	7.8	11.8
130	20.0	15.8	23.6



#20
3+4-Methylphenols
Concen: 34.794 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:	107	Resp:	332420
Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	38.0	15.2	55.2
79	34.1	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:136 Resp: 386962

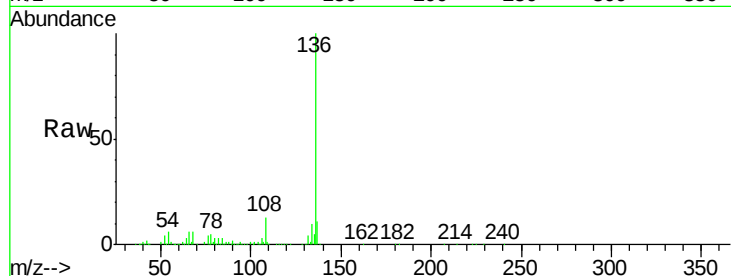
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.6 4.8 7.2

68 6.0 5.2 7.8

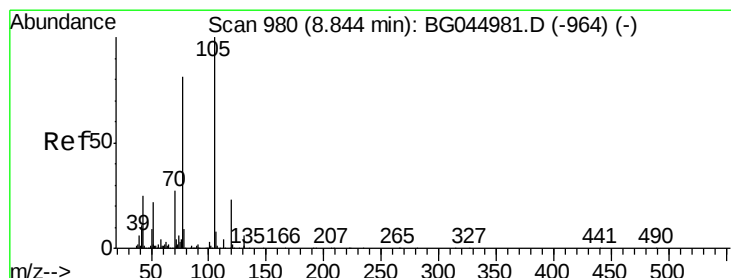
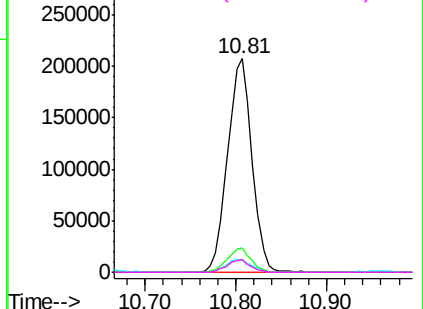
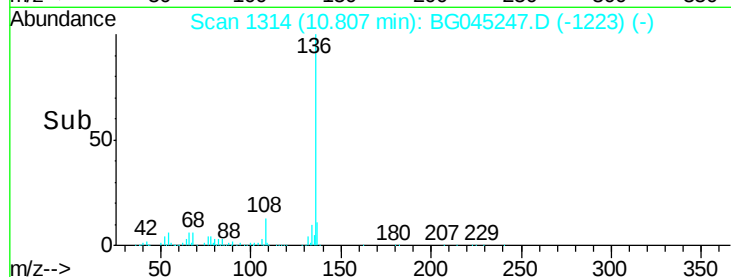


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.048 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:105 Resp: 419083

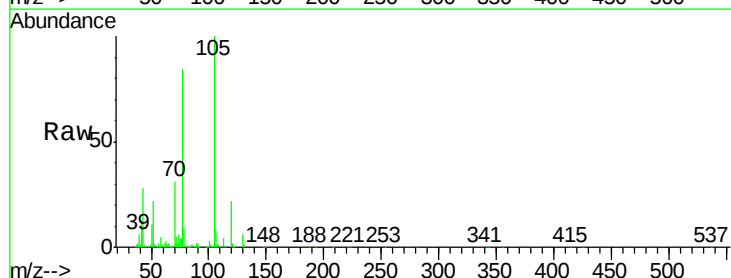
Ion Ratio Lower Upper

105 100

71 4.9 3.3 4.9#

51 22.4 17.3 25.9

120 22.1 18.4 27.6

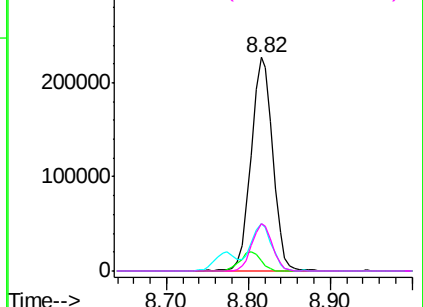
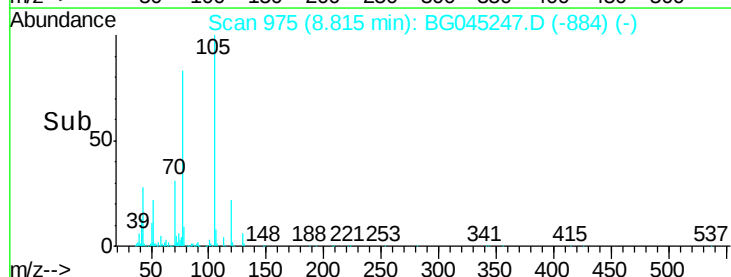


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

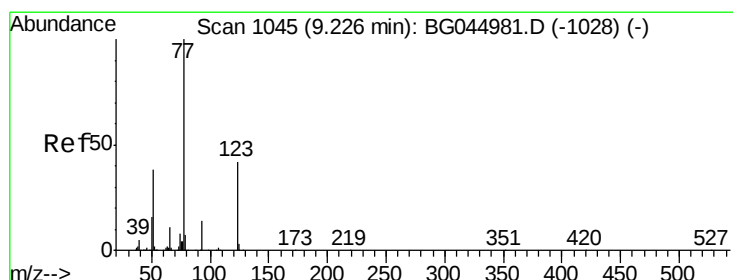
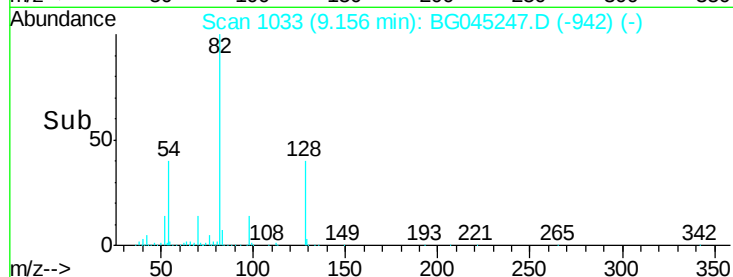
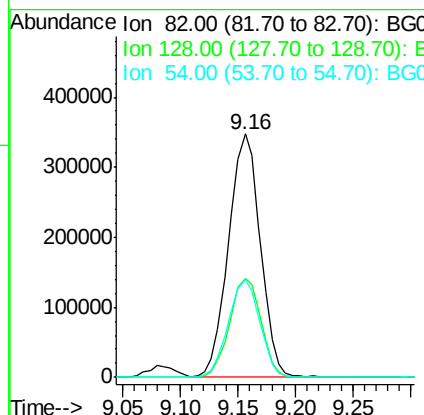
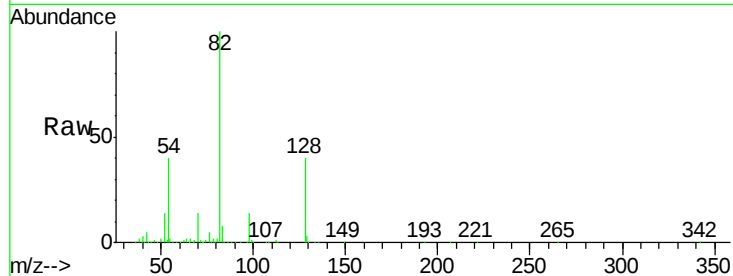




#23
 Nitrobenzene-d5
 Concen: 77.882 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

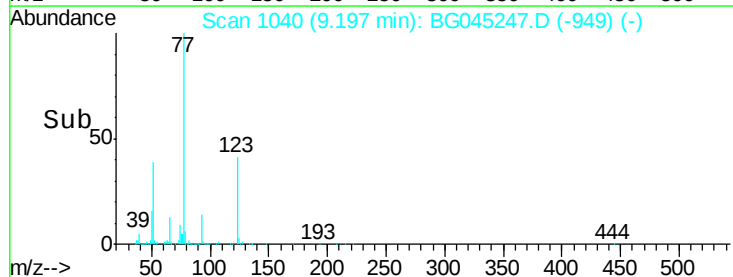
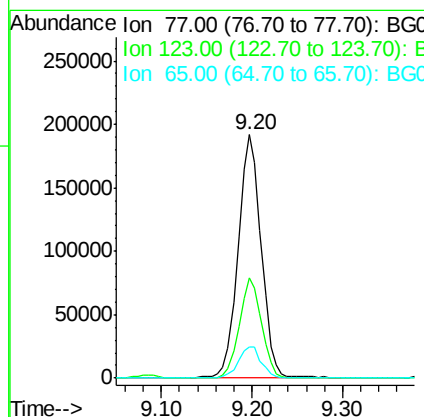
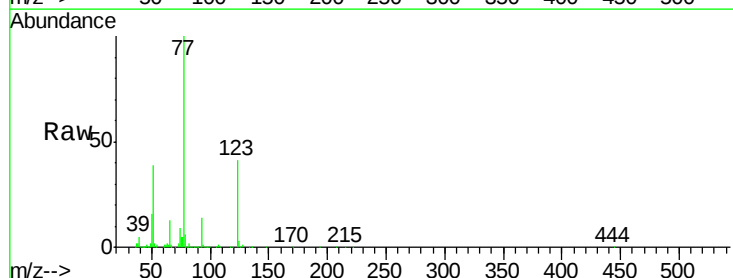
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

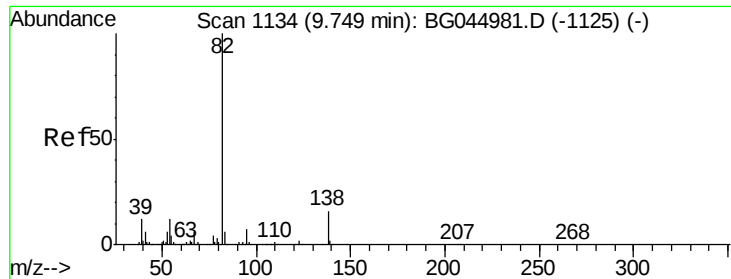
Tot Ion: 82 Resp: 660486
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.0 49.4
 54 40.3 30.4 45.6



#24
 Nitrobenzene
 Concen: 38.828 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion: 77 Resp: 337534
 Ion Ratio Lower Upper
 77 100
 123 41.1 34.3 51.5
 65 12.6 8.9 13.3





#25

Isophorone

Concen: 35.315 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

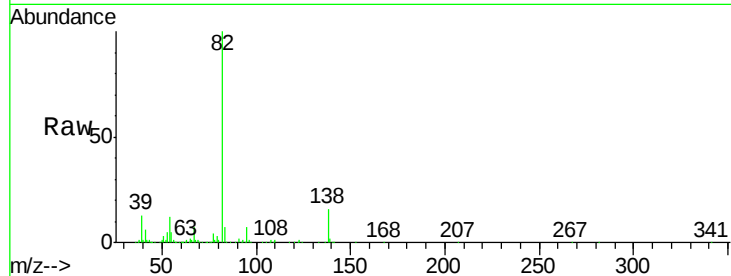
Tot Ion: 82 Resp: 613329

Ion Ratio Lower Upper

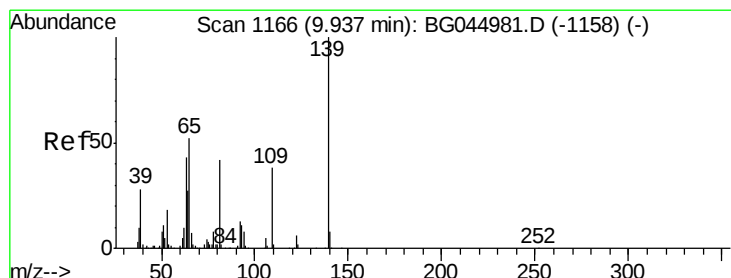
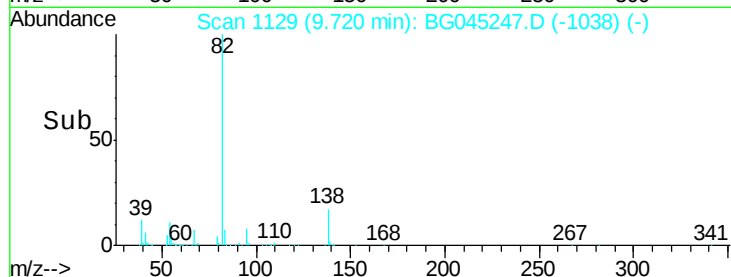
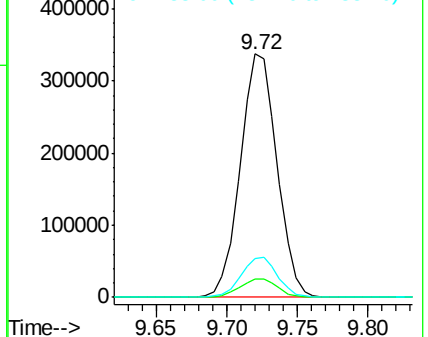
82 100

95 7.4 6.0 9.0

138 15.8 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.715 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

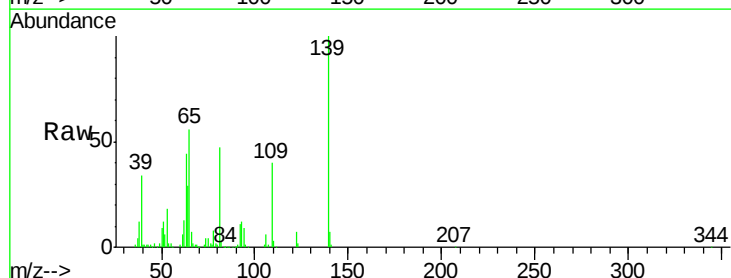
Tgt Ion: 139 Resp: 152456

Ion Ratio Lower Upper

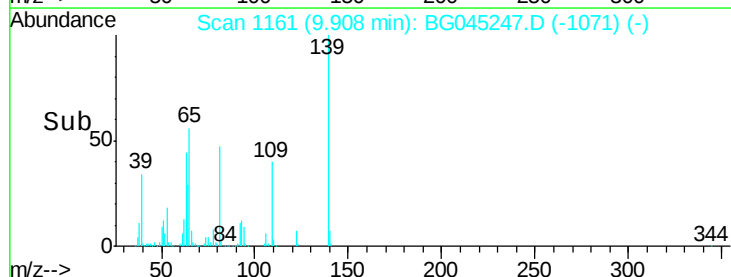
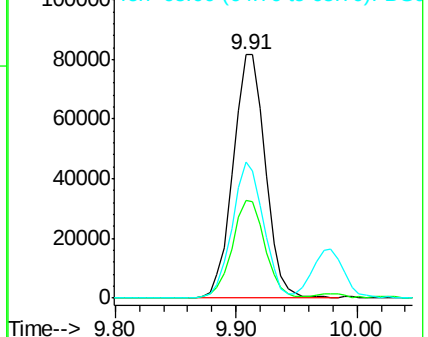
139 100

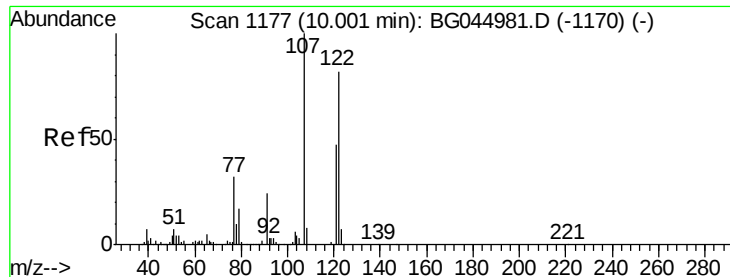
109 40.0 30.6 45.8

65 55.6 41.8 62.6



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

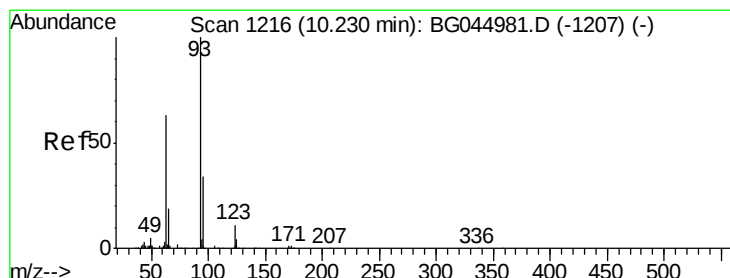
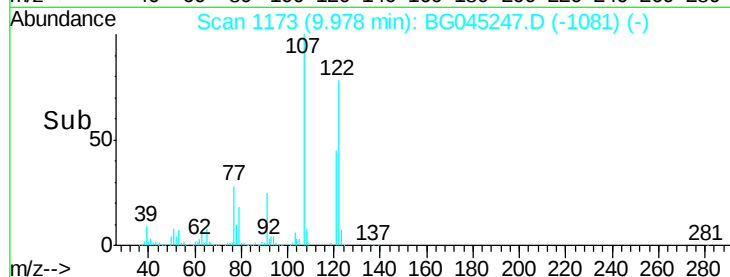
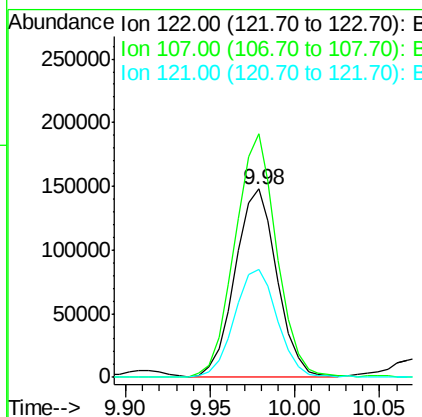
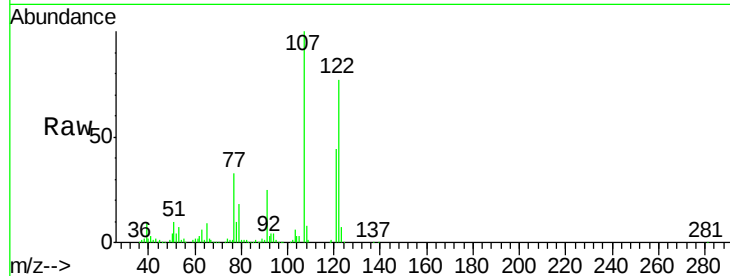




#27
2,4-Dimethylphenol
Concen: 42.899 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

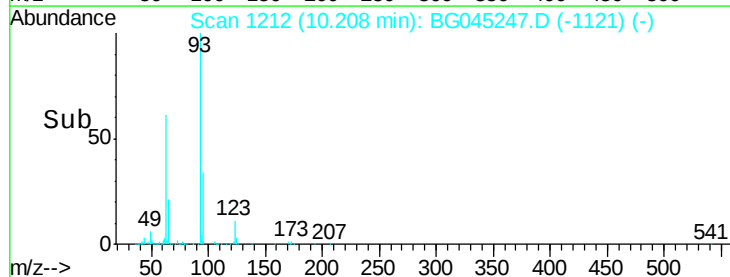
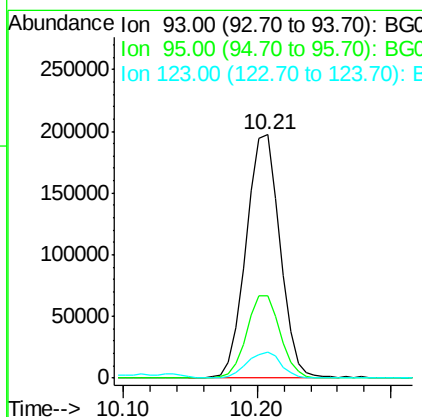
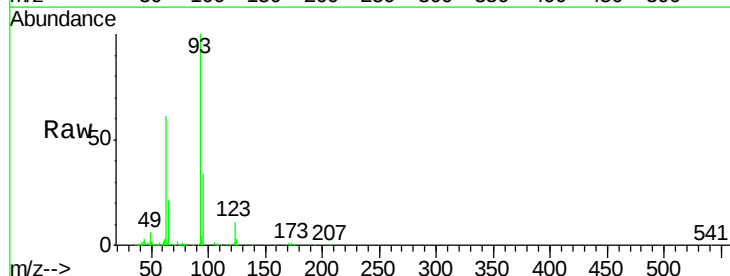
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	96.8	145.2
121	57.4	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.848 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.0	40.4
123	10.8	8.7	13.1

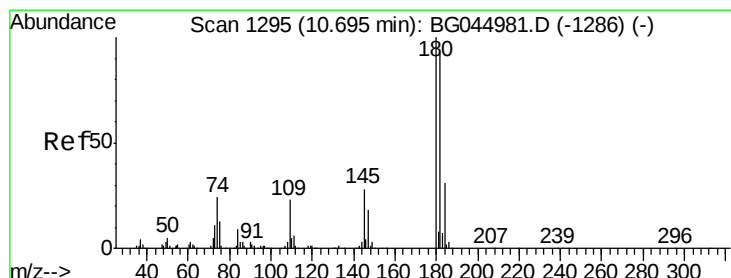
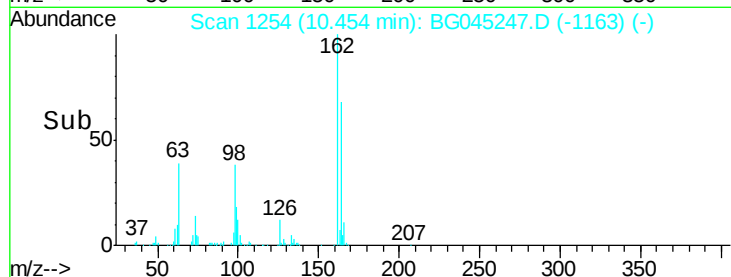
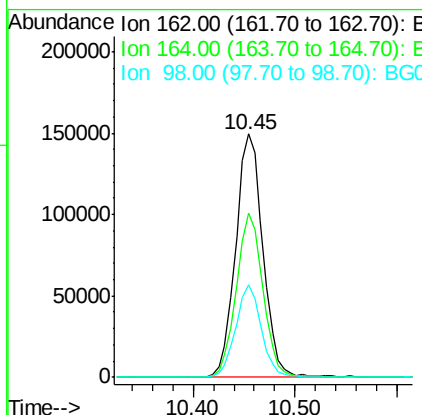
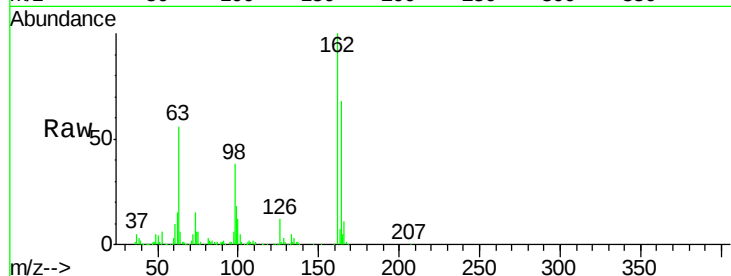




#29
 2,4-Dichlorophenol
 Concen: 40.563 ng
 RT: 10.45 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

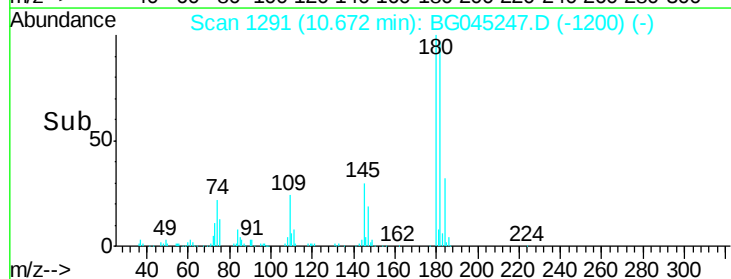
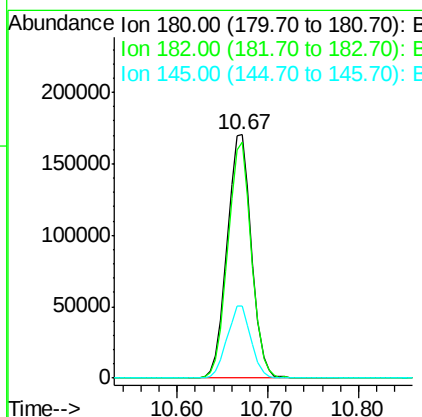
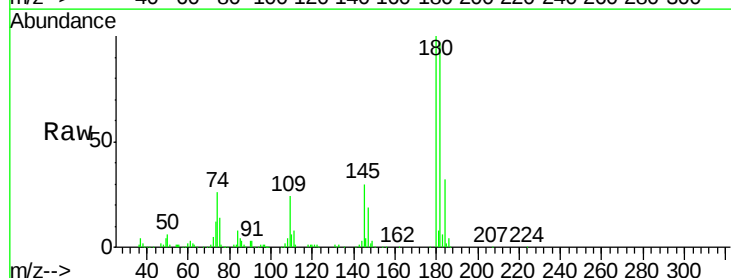
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

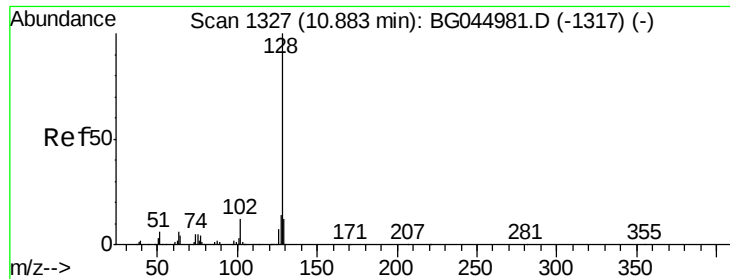
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	45.0	85.0
98	38.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.857 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	73.3	109.9
145	29.5	22.6	33.8

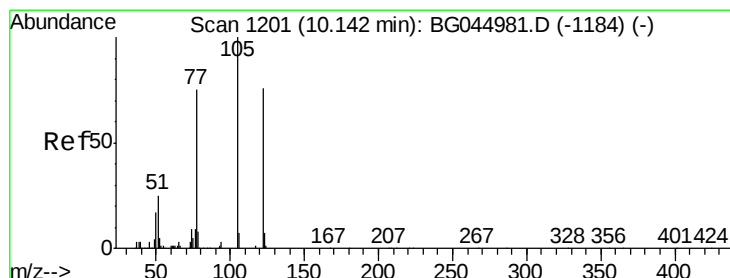
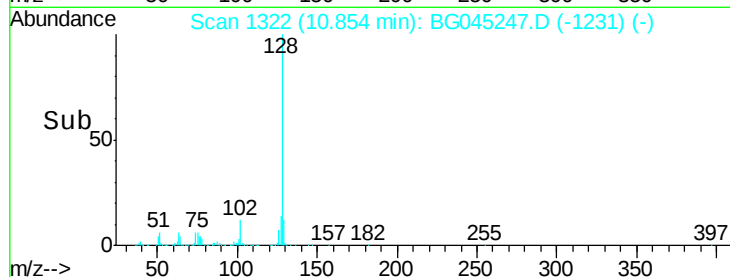
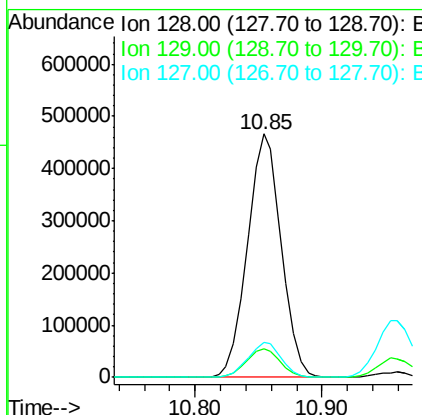
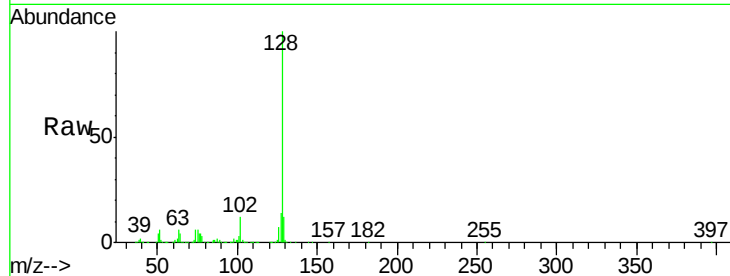




#31
Naphthalene
Concen: 40.586 ng
RT: 10.85 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

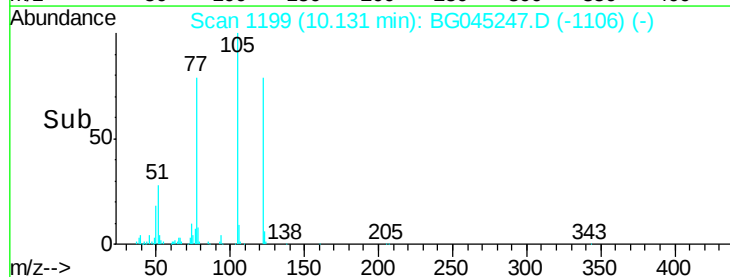
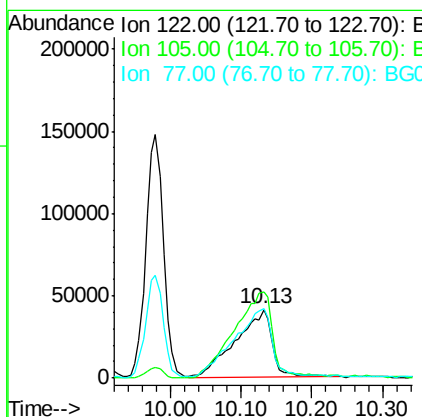
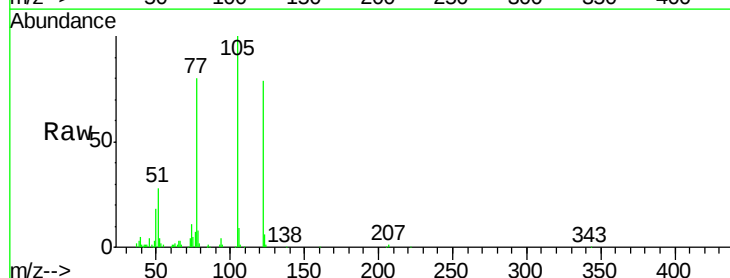
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

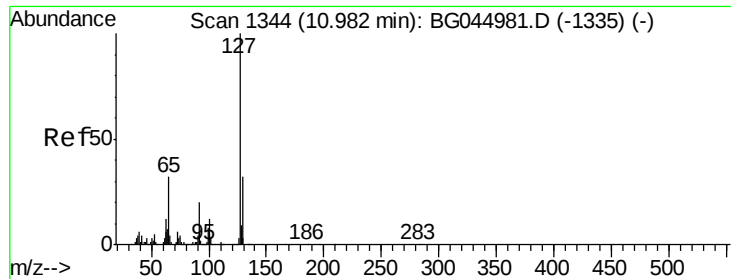
Tot Ion:128 Resp: 859146
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 33.608 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:122 Resp: 150733
Ion Ratio Lower Upper
122 100
105 126.8 108.4 148.4
77 101.1 78.8 118.8

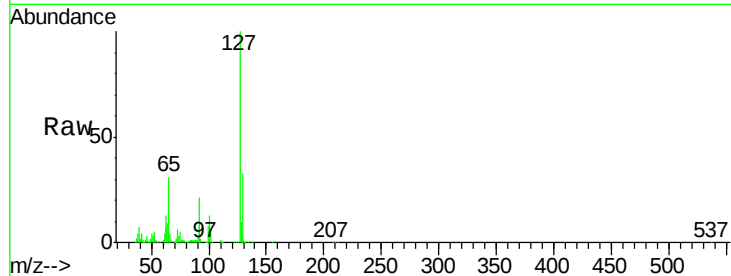




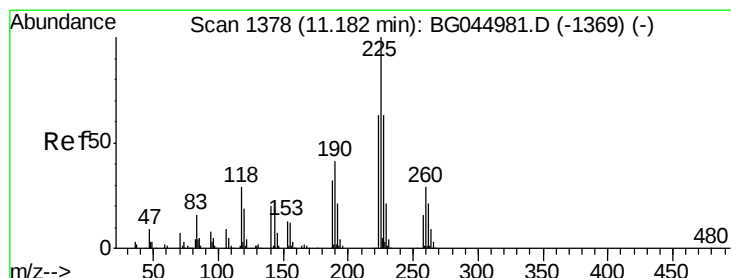
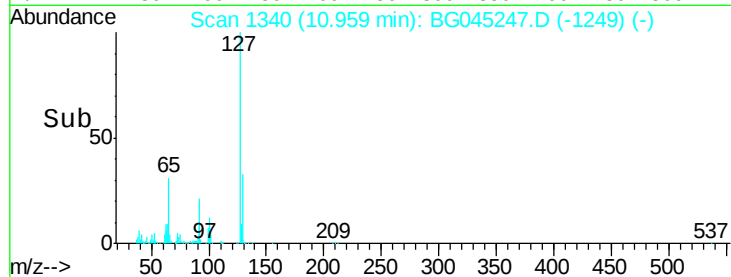
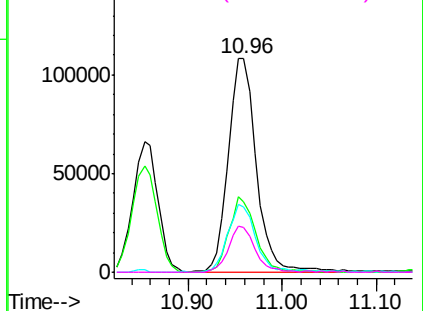
#33
4-Chloroaniline
Concen: 22.660 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion:127	Resp:	223711
Ion Ratio	Lower	Upper
127	100	
129	33.1	25.7 38.5
65	30.9	25.4 38.2
92	20.9	16.1 24.1

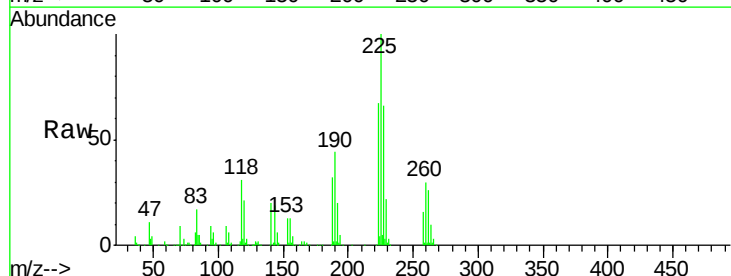


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

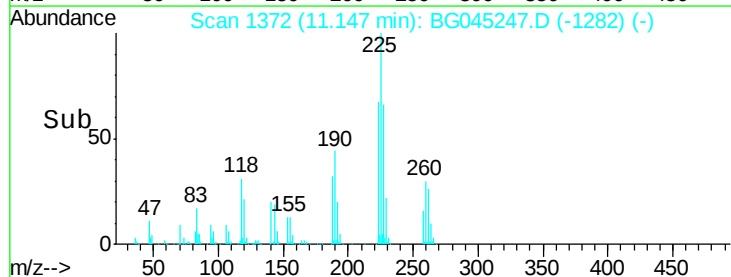
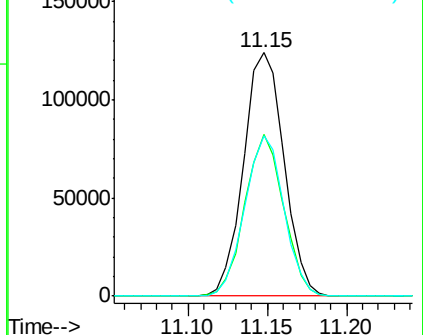


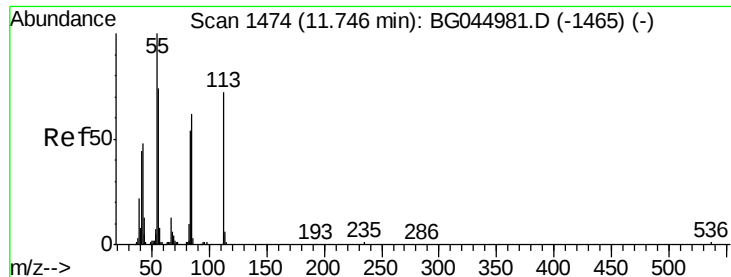
#34
Hexachlorobutadiene
Concen: 41.291 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:225	Resp:	219895
Ion Ratio	Lower	Upper
225	100	
223	66.6	50.7 76.1
227	65.7	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.915 ng

RT: 11.73 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

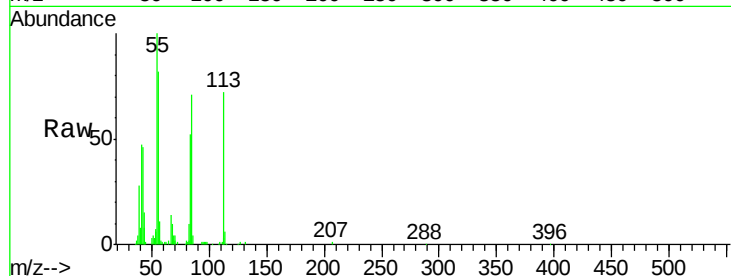
Tot Ion:113 Resp: 62569

Ion Ratio Lower Upper

113 100

55 138.9 118.8 158.8

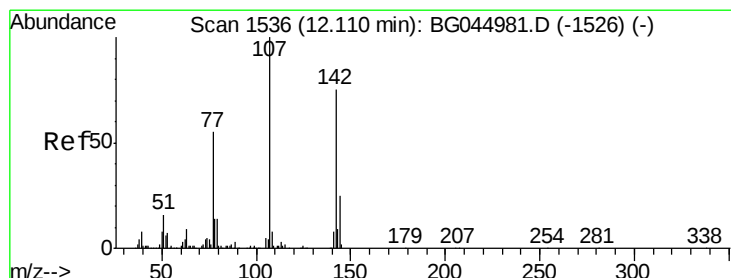
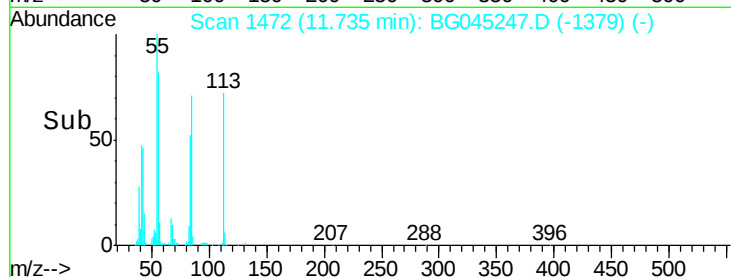
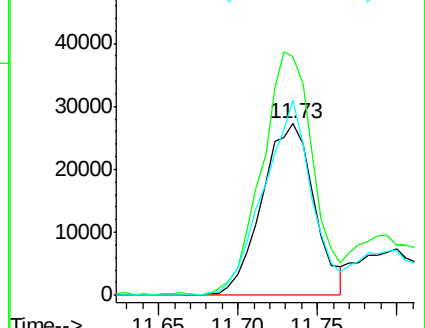
56 113.5 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.457 ng

RT: 12.09 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

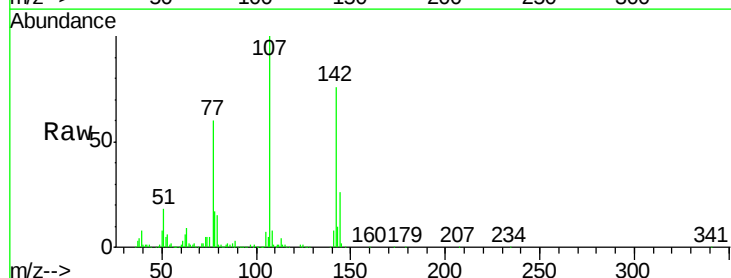
Tgt Ion:107 Resp: 301879

Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.6

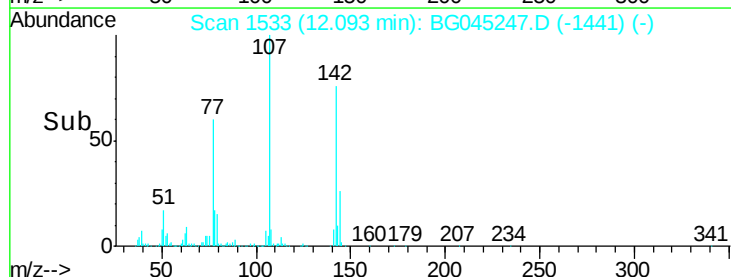
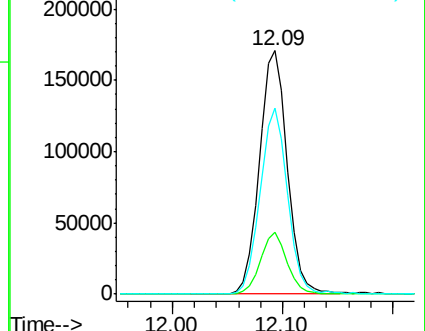
142 76.3 59.7 89.5

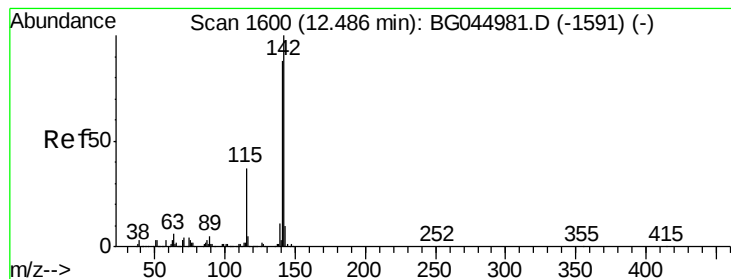


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.973 ng

RT: 12.46 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

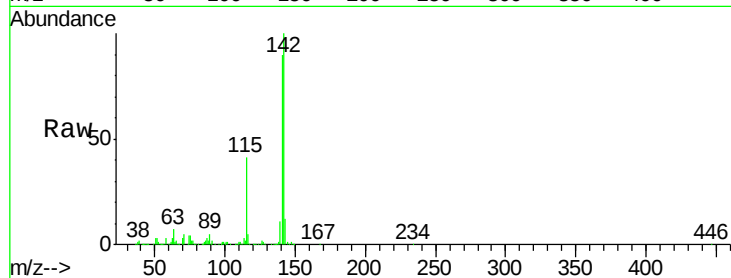
Tot Ion:142 Resp: 640357

Ion Ratio Lower Upper

142 100

141 90.2 70.3 105.5

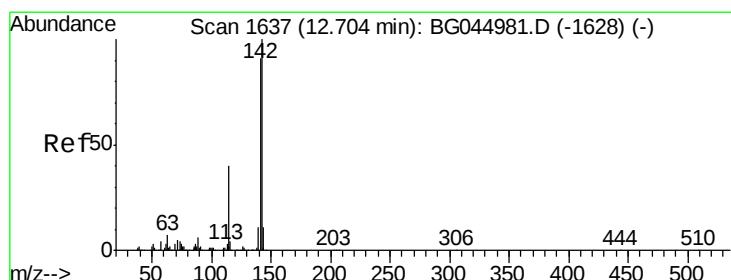
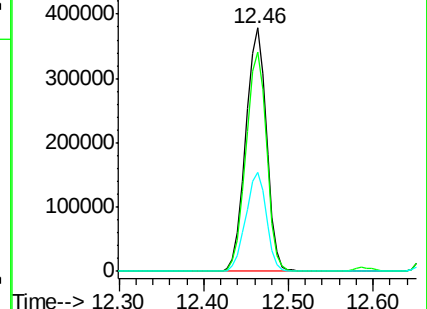
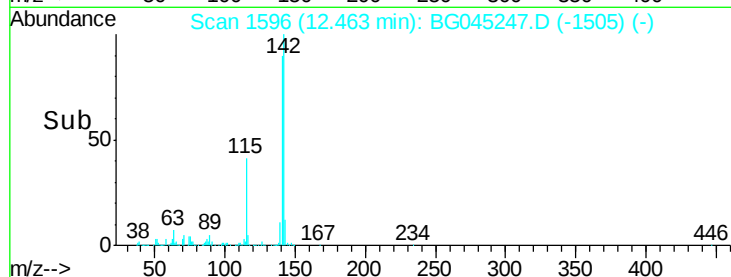
115 40.7 29.8 44.6



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: 38.059 ng

RT: 12.68 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

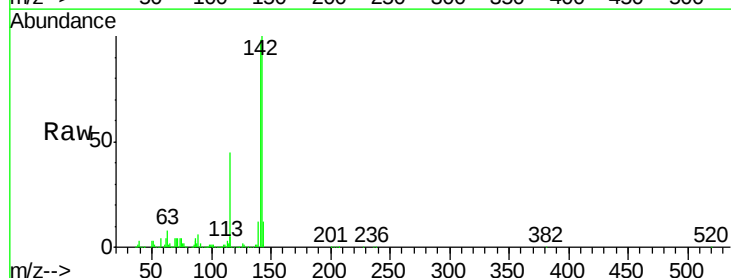
Tgt Ion:142 Resp: 590345

Ion Ratio Lower Upper

142 100

141 98.5 72.7 109.1

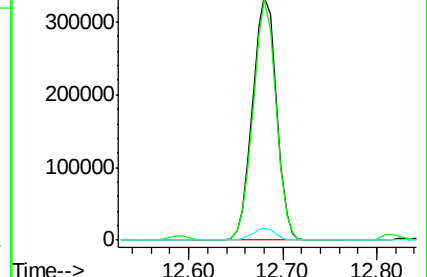
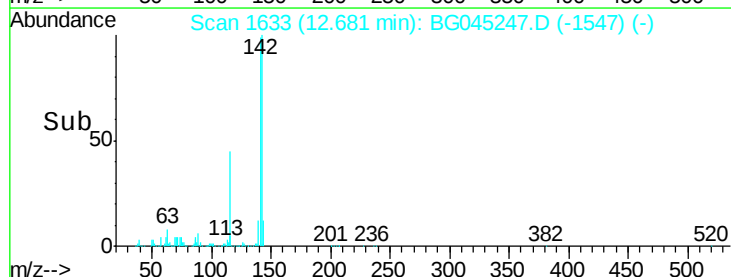
116 5.0 3.1 4.7#

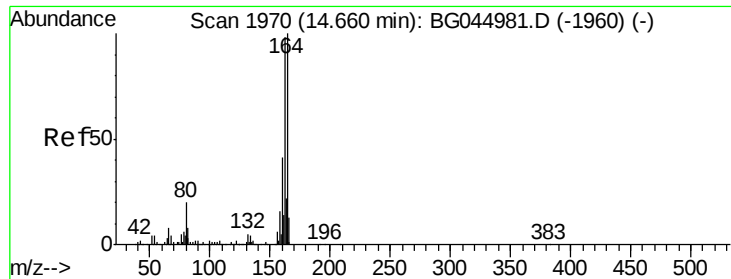


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

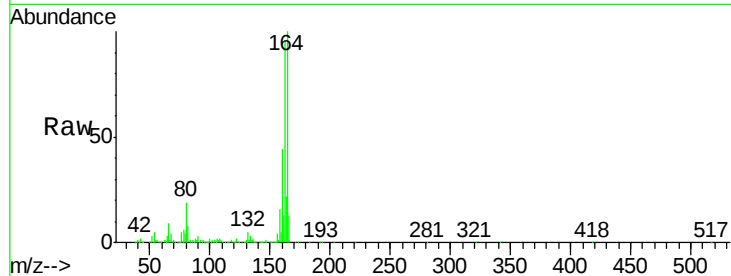
Tot Ion:164 Resp: 252373

Ion Ratio Lower Upper

164 100

162 96.1 78.7 118.1

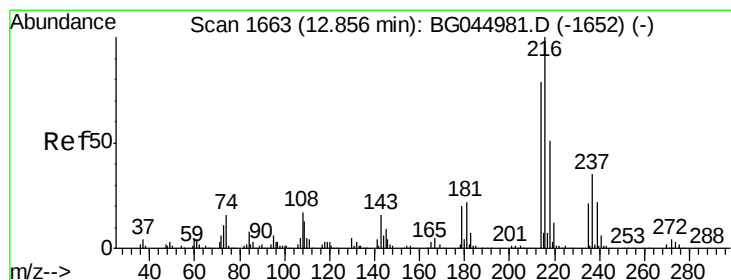
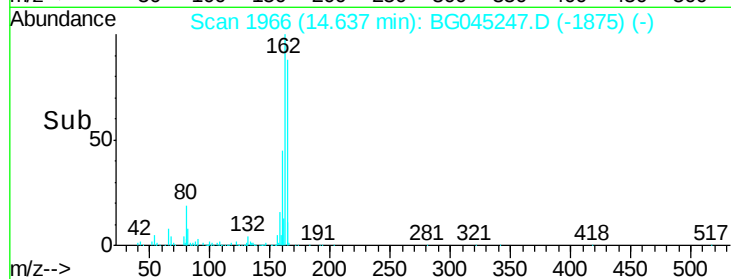
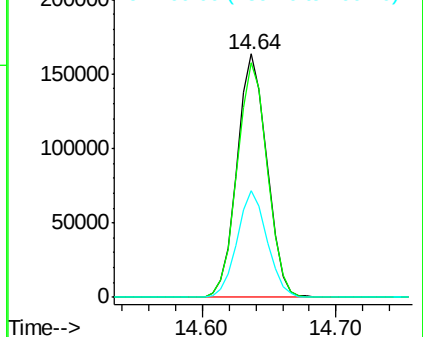
160 43.6 32.8 49.2



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: 45.084 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:216 Resp: 366339

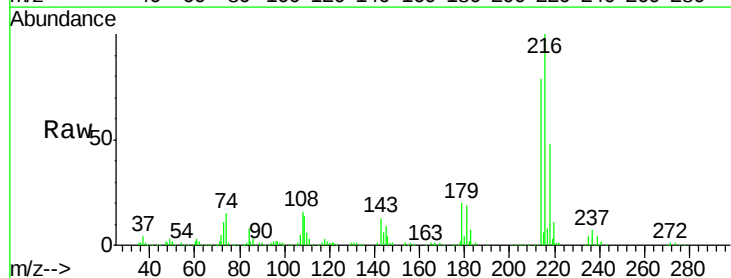
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.1 15.8 23.8

108 16.6 14.2 21.2

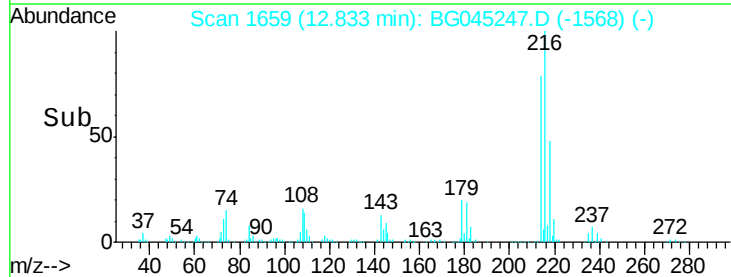
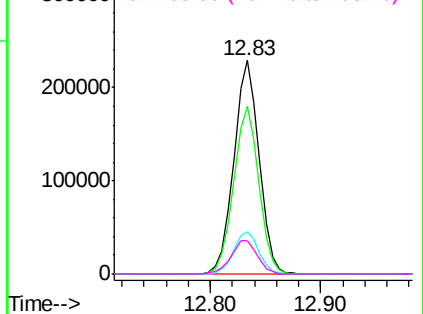


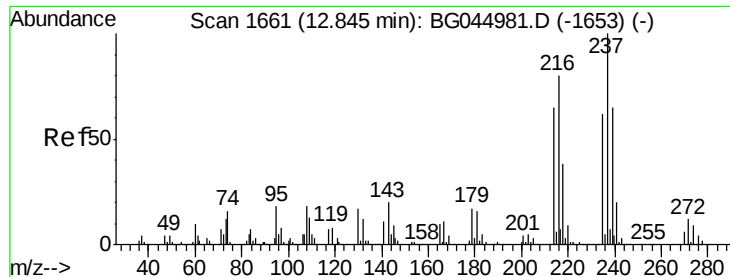
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 20.980 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

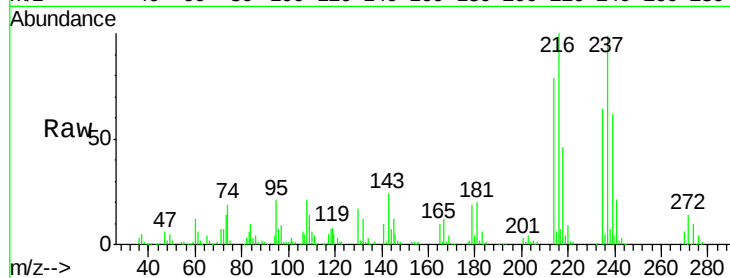
Tot Ion:237 Resp: 106552

Ion Ratio Lower Upper

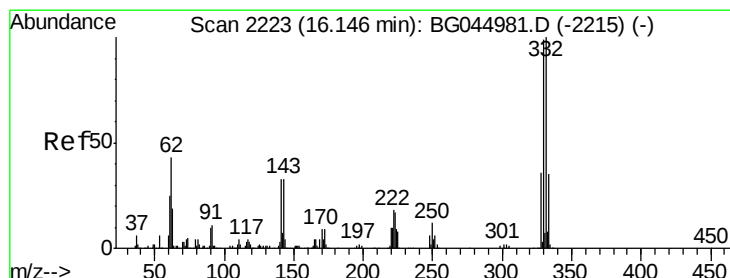
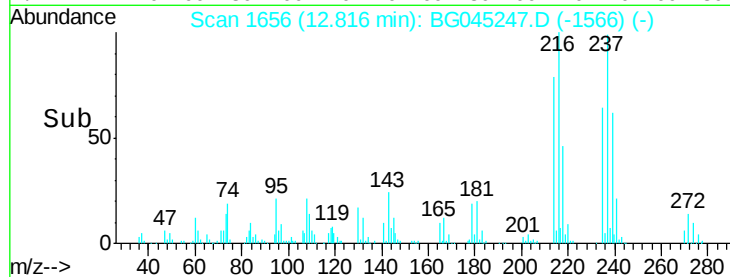
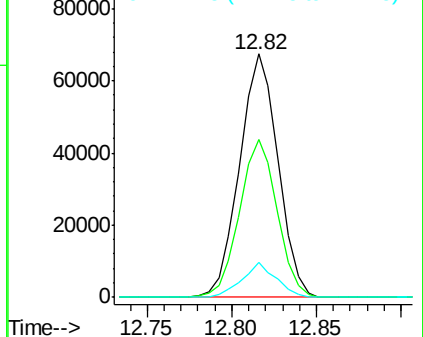
237 100

235 65.0 41.6 81.6

272 14.2 0.0 32.1



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: 108.849 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

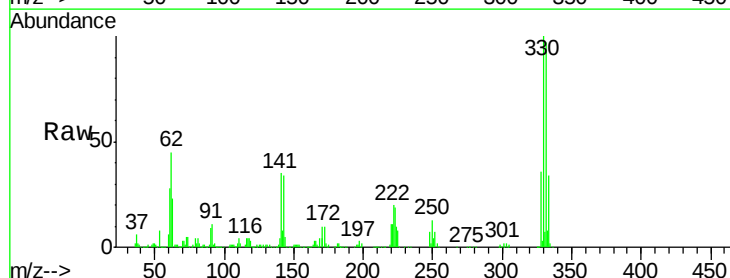
Tgt Ion:330 Resp: 424385

Ion Ratio Lower Upper

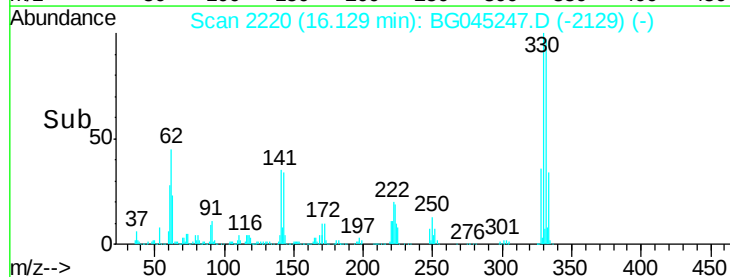
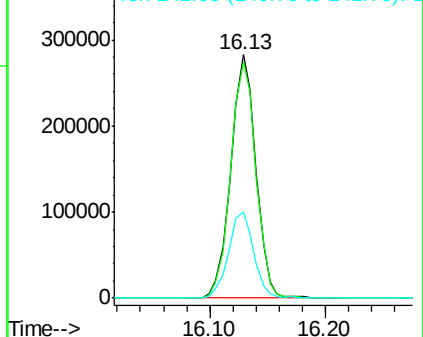
330 100

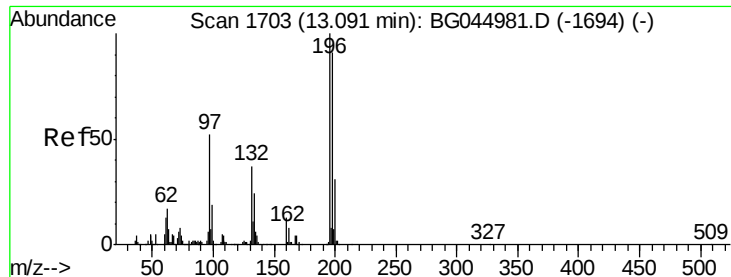
332 98.3 79.1 118.7

141 35.3 27.1 40.7



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

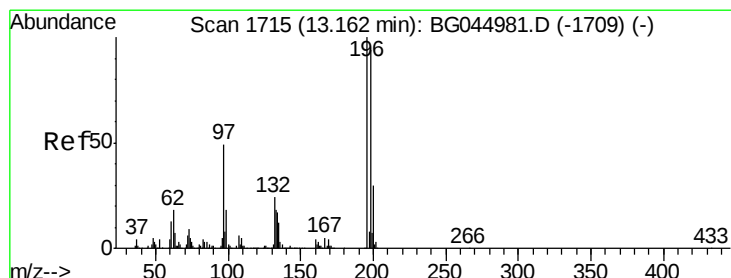
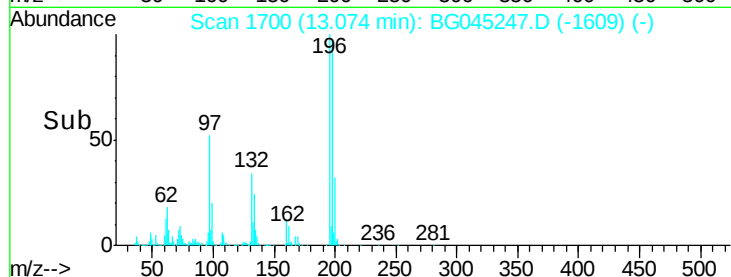
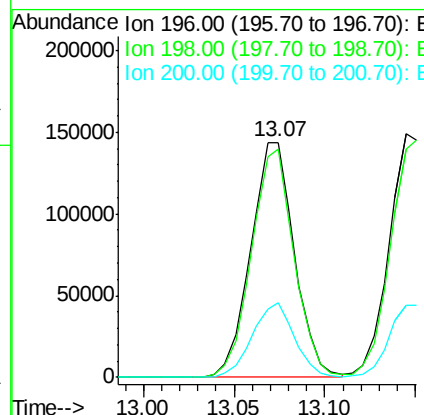
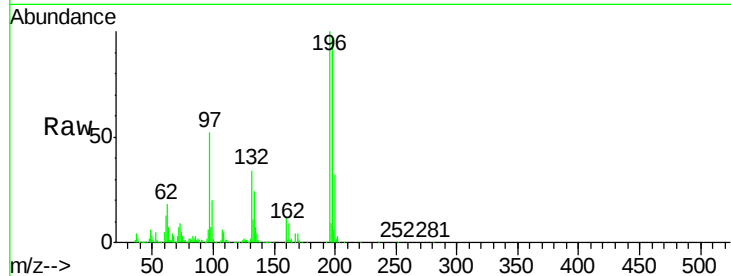




#43
2,4,6-Trichlorophenol
Concen: 42.031 ng
RT: 13.07 min Scan# 1700
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

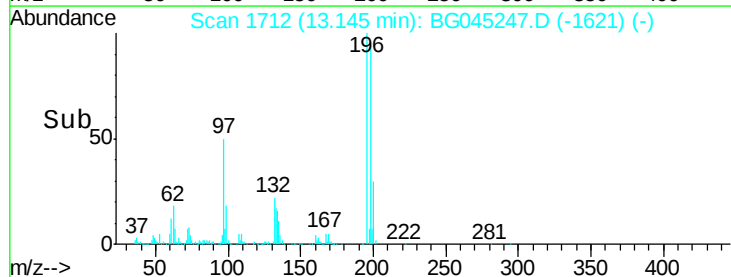
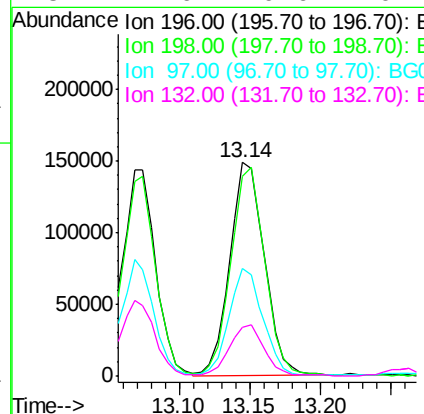
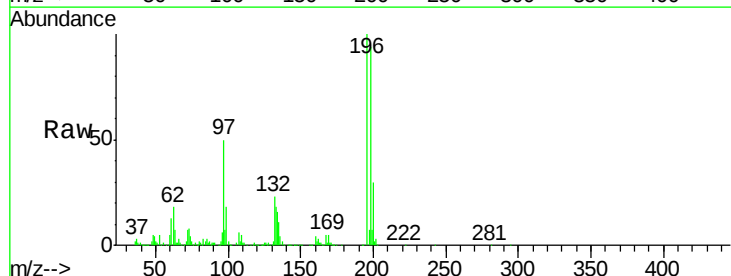
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

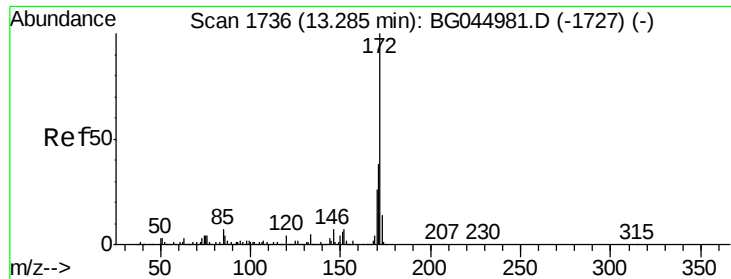
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	72.5	108.7
200	32.0	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 38.708 ng
RT: 13.14 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
97	50.4	39.6	59.4
132	22.6	19.6	29.4

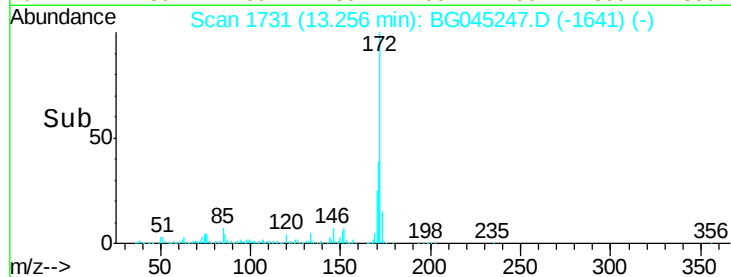
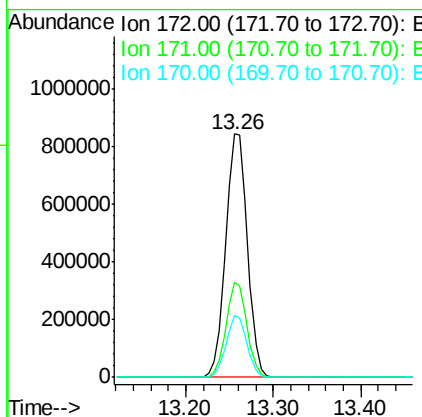
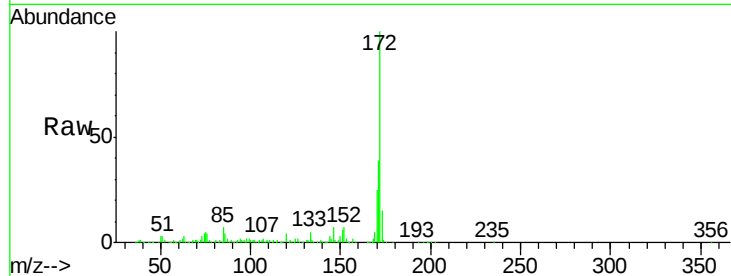




#45
2-Fluorobiphenyl
Concen: 83.326 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

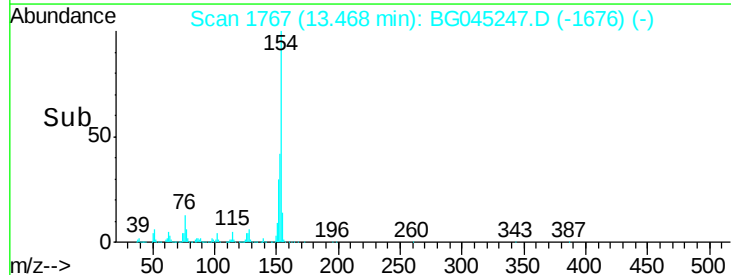
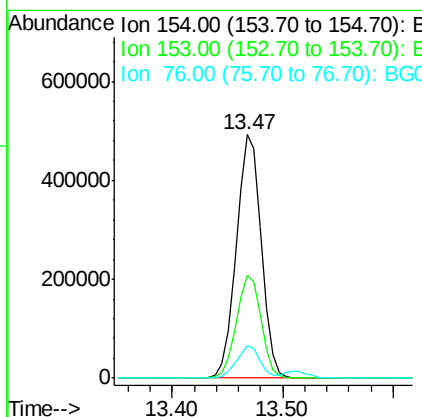
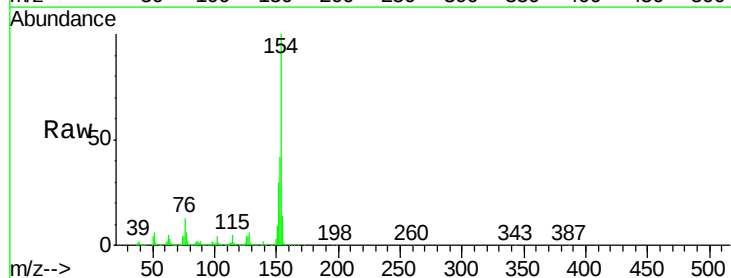
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

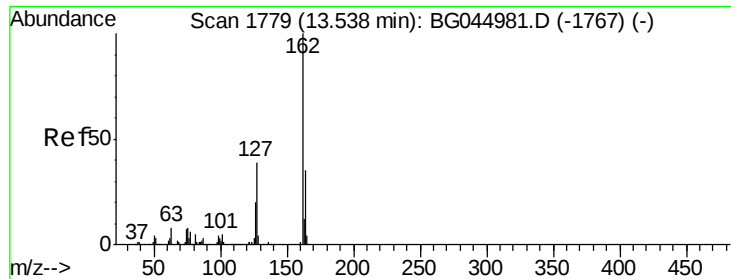
Tot Ion:172 Resp: 1434155
Ion Ratio Lower Upper
172 100
171 39.0 30.6 46.0
170 25.4 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.712 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:154 Resp: 780934
Ion Ratio Lower Upper
154 100
153 42.1 21.9 61.9
76 13.3 0.0 33.1

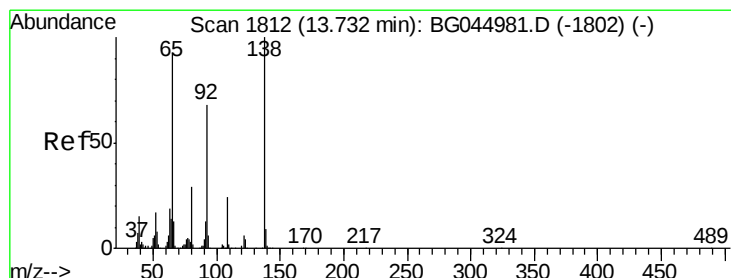
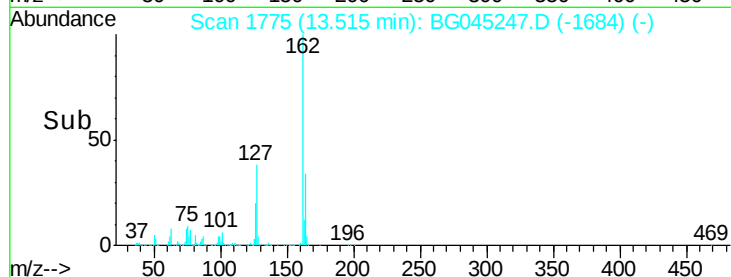
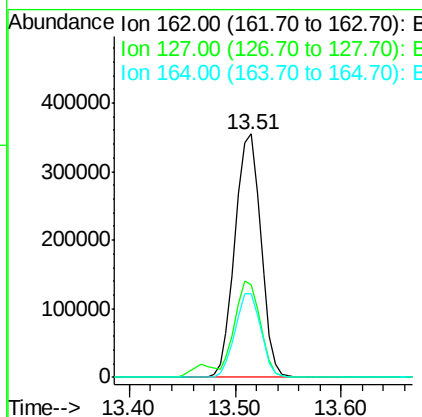
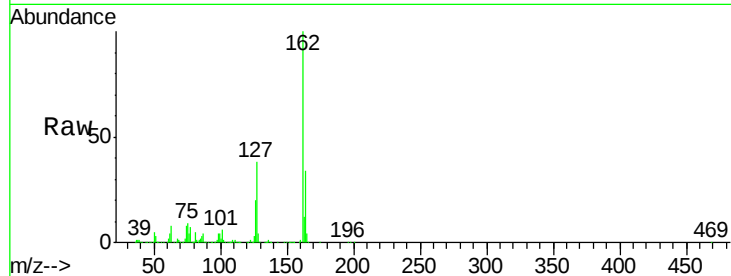




#47
 2-Chloronaphthalene
 Concen: 41.178 ng
 RT: 13.51 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

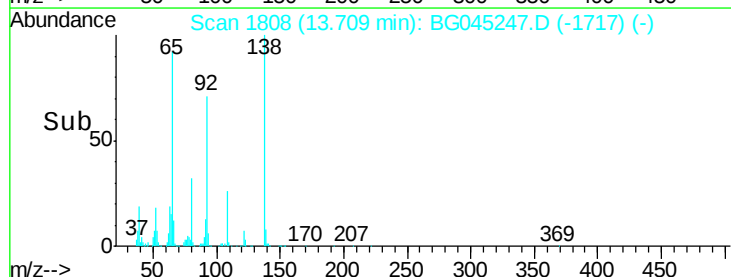
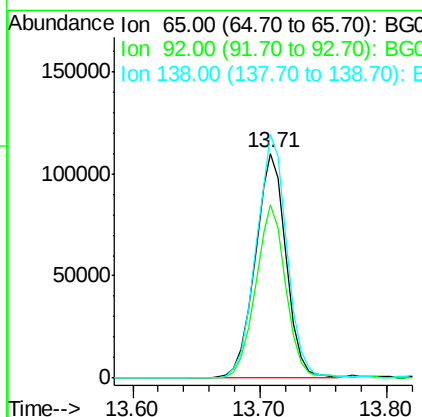
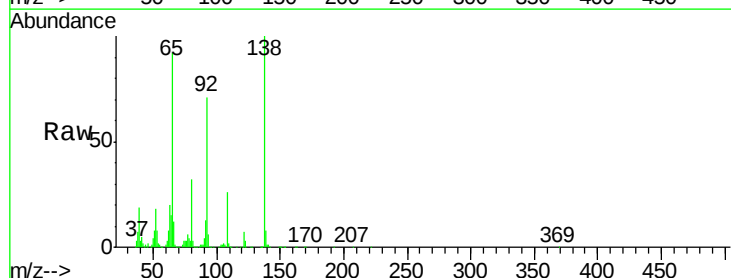
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

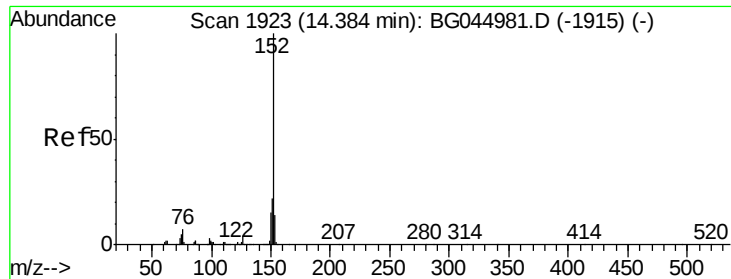
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.3	46.9
164	34.3	27.8	41.8



#48
 2-Nitroaniline
 Concen: 38.494 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.4	58.3	87.5
138	108.4	85.6	128.4





#49

Acenaphthylene

Concen: 40.762 ng

RT: 14.36 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

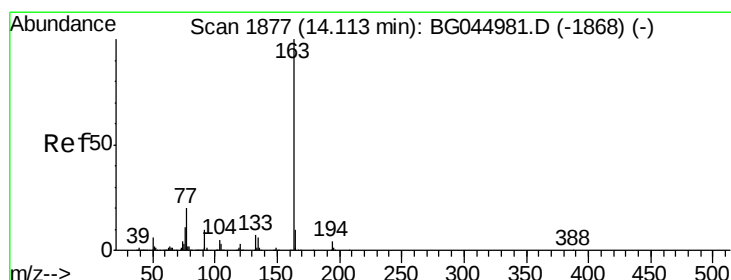
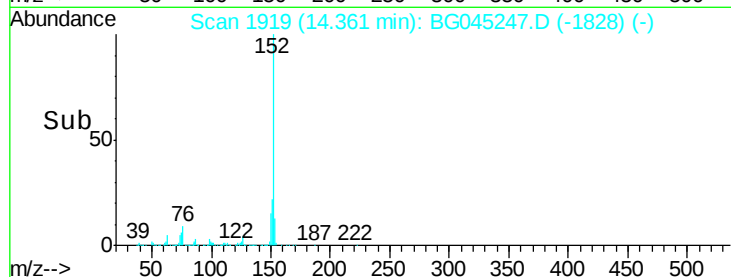
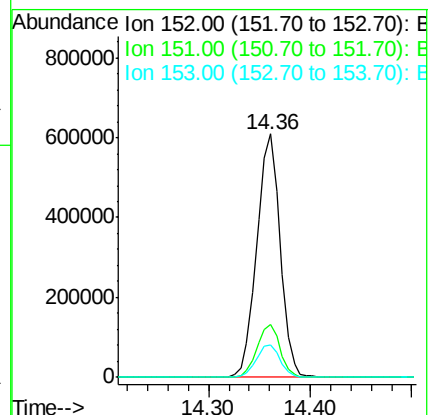
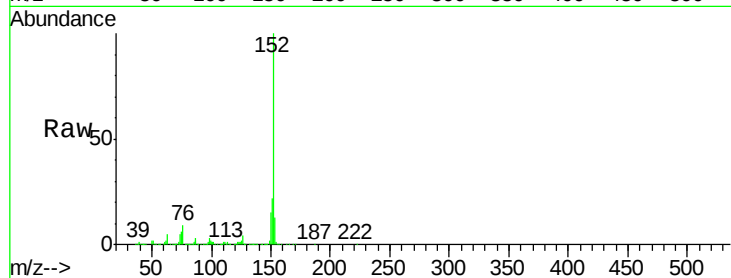
Tot Ion:152 Resp: 973155

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

153 13.3 11.0 16.4



#50

Dimethylphthalate

Concen: 40.906 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

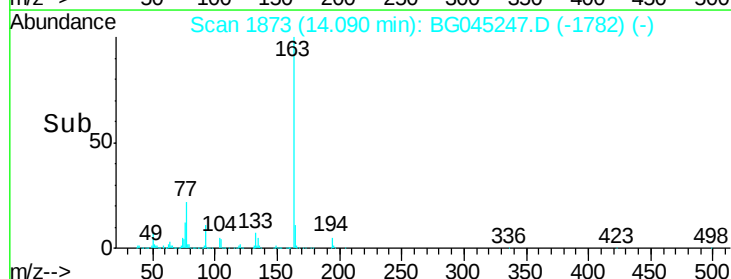
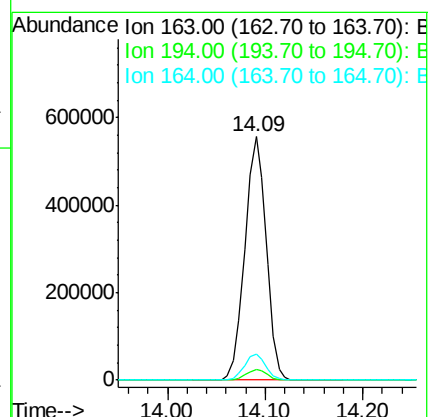
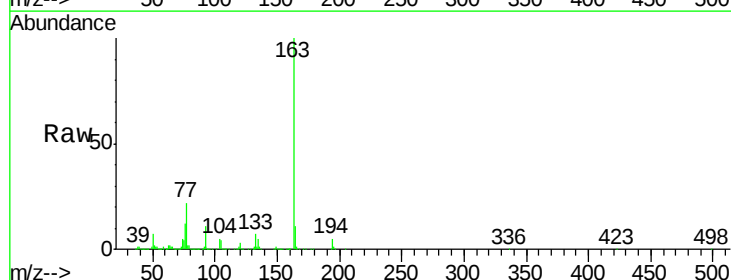
Tgt Ion:163 Resp: 840584

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.7 8.2 12.4

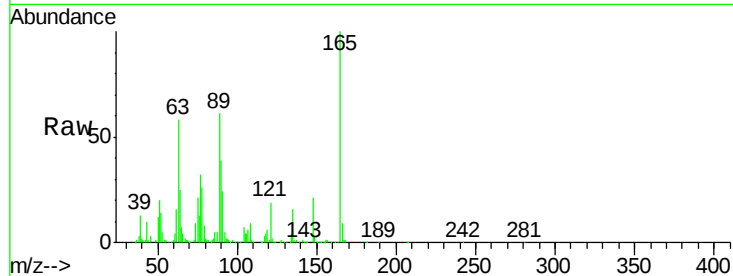




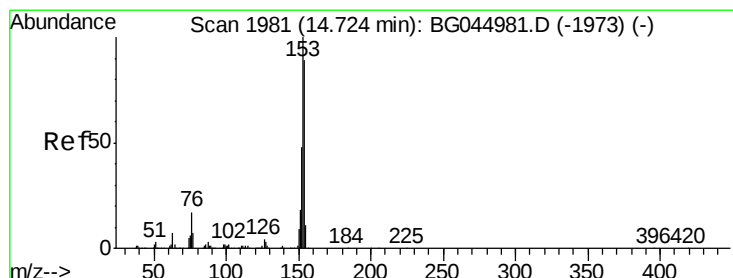
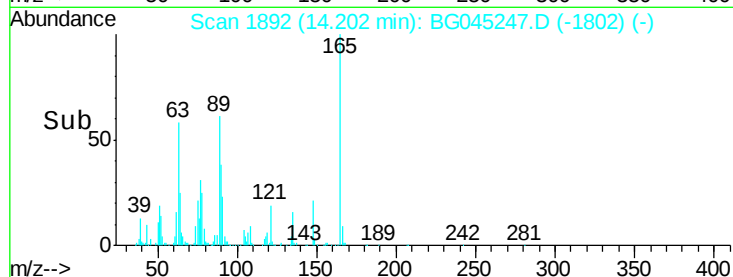
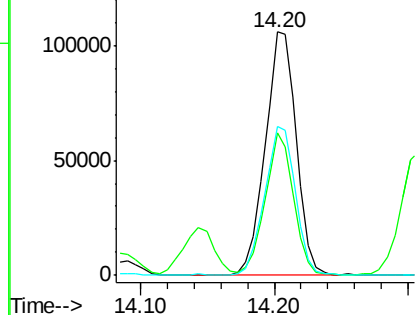
#51
2,6-Dinitrotoluene
Concen: 37.181 ng
RT: 14.20 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion:165 Resp: 170894
Ion Ratio Lower Upper
165 100
63 58.5 40.4 60.6
89 61.4 49.1 73.7

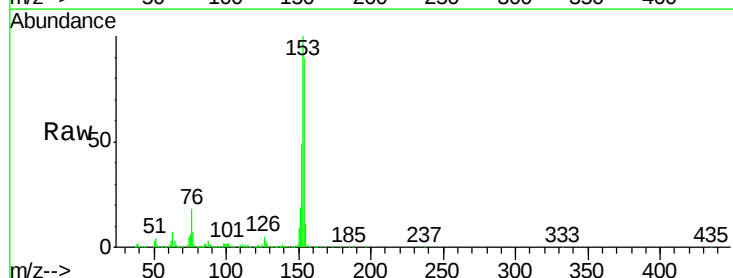


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

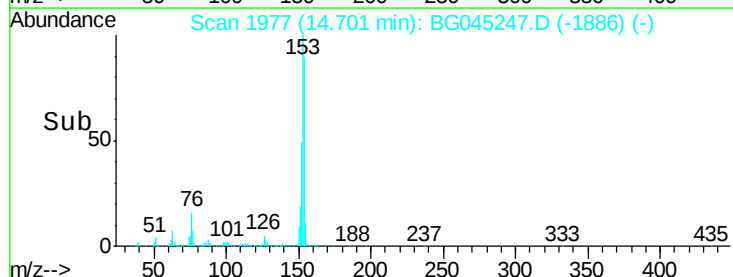
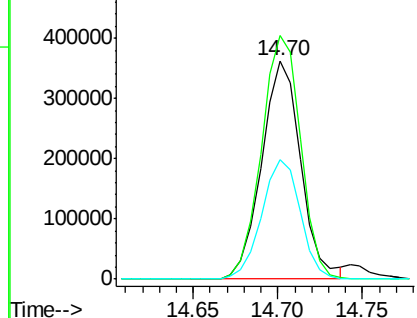


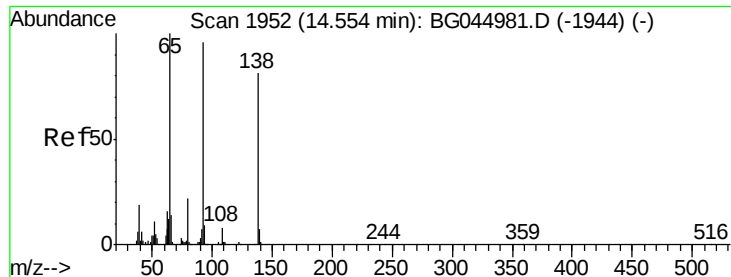
#52
Acenaphthene
Concen: 36.013 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:154 Resp: 581731
Ion Ratio Lower Upper
154 100
153 111.5 89.7 134.5
152 54.4 43.1 64.7



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

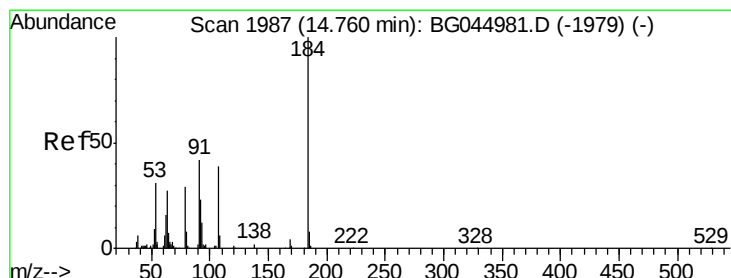
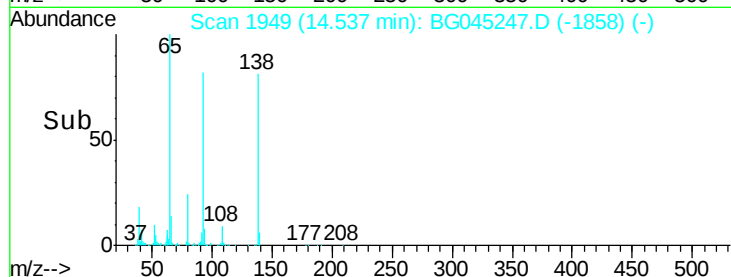
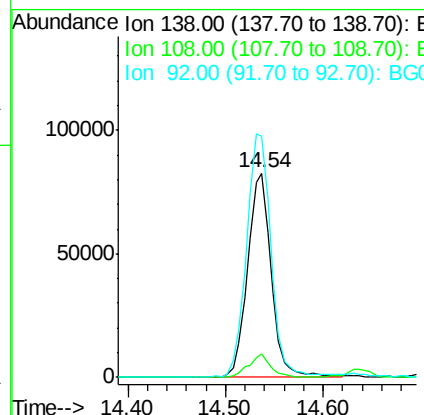
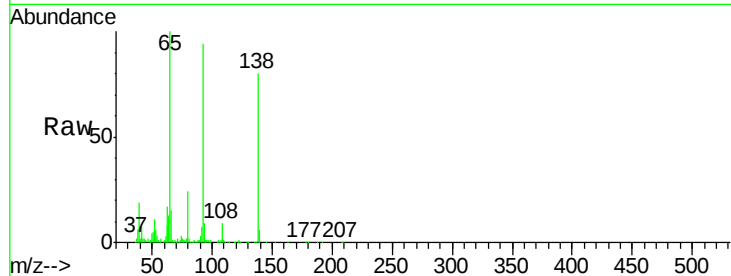




#53
 3-Nitroaniline
 Concen: 27.798 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

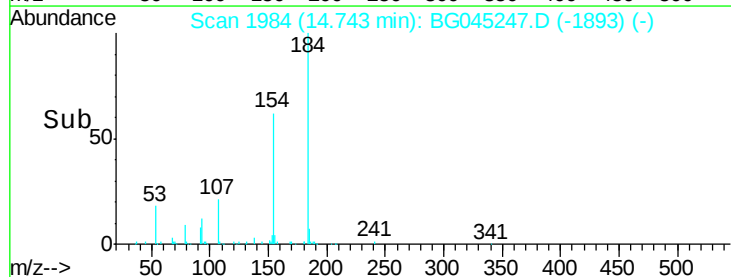
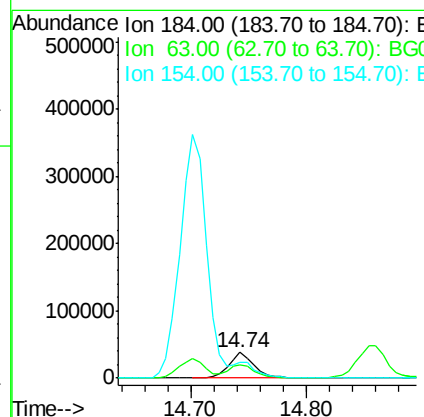
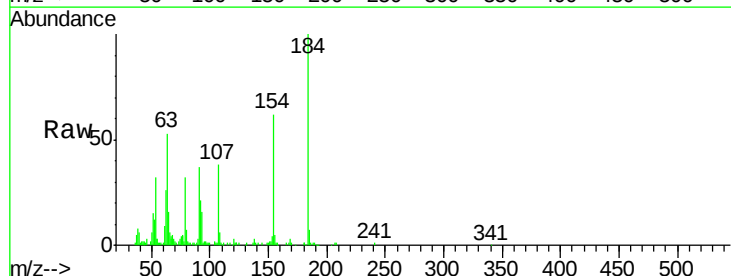
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

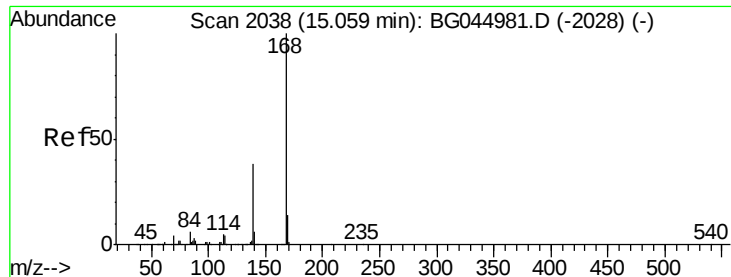
Tot Ion:138 Resp: 140131
 Ion Ratio Lower Upper
 138 100
 108 11.7 7.8 11.8
 92 118.3 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 21.398 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion:184 Resp: 58484
 Ion Ratio Lower Upper
 184 100
 63 52.9 41.5 62.3
 154 62.1 52.3 78.5

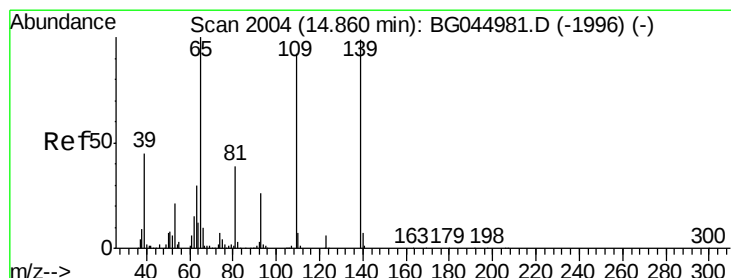
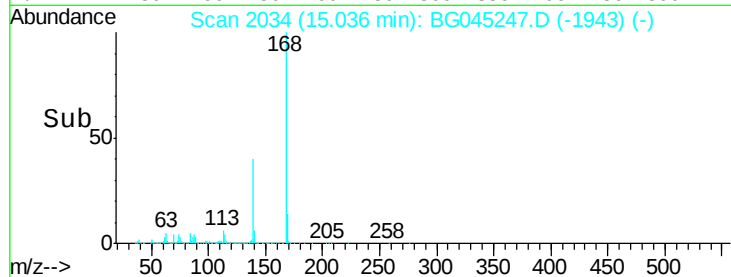
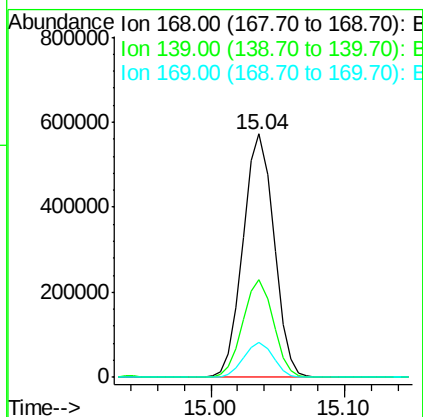
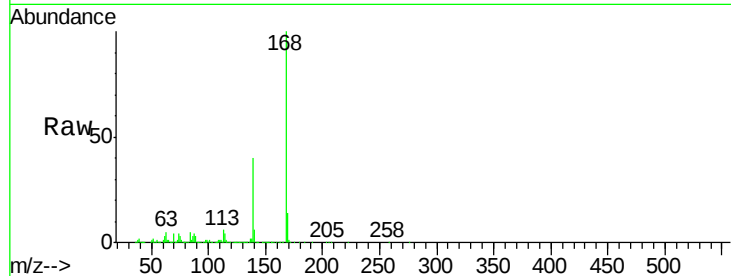




#55
Dibenzofuran
Concen: 39.023 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

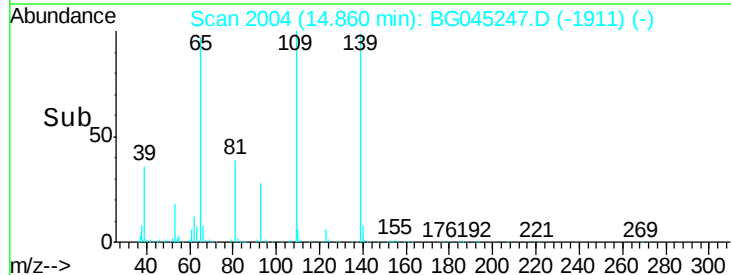
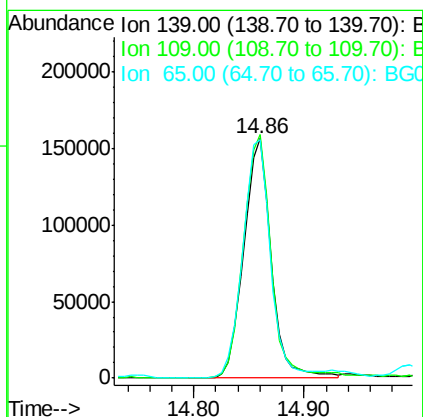
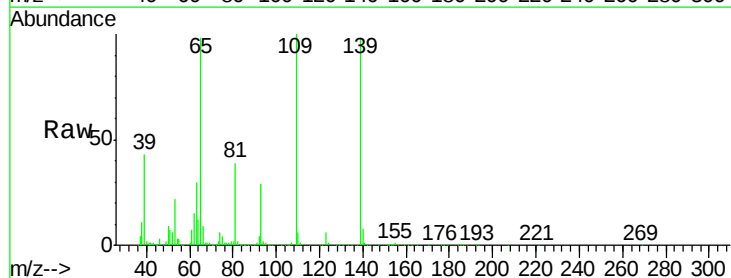
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

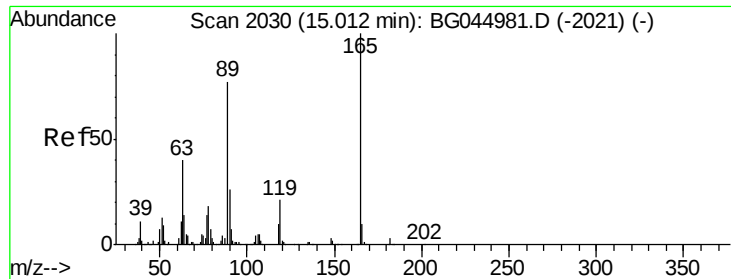
Tot Ion:168 Resp: 918992
Ion Ratio Lower Upper
168 100
139 40.2 30.4 45.6
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 70.036 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:139 Resp: 273746
Ion Ratio Lower Upper
139 100
109 101.8 73.6 113.6
65 99.8 81.2 121.2

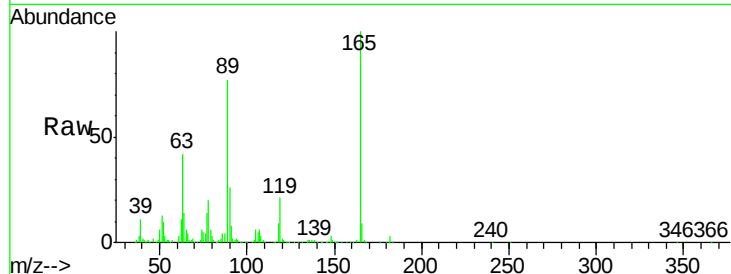




#57
 2,4-Dinitrotoluene
 Concen: 34.524 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	32.2	48.2
89	76.8	61.7	92.5
182	2.7	2.0	3.0

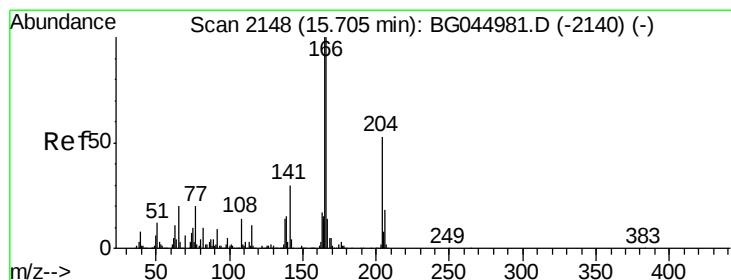
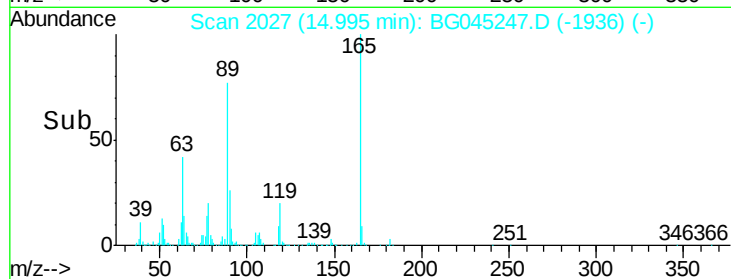
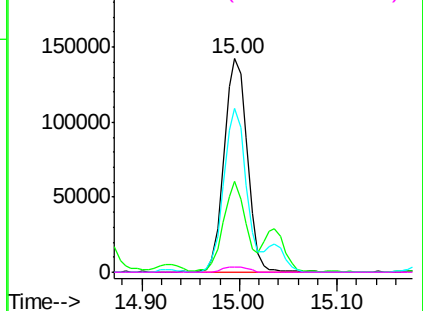


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

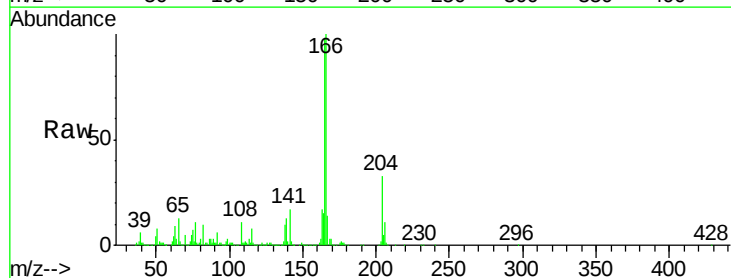
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.910 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

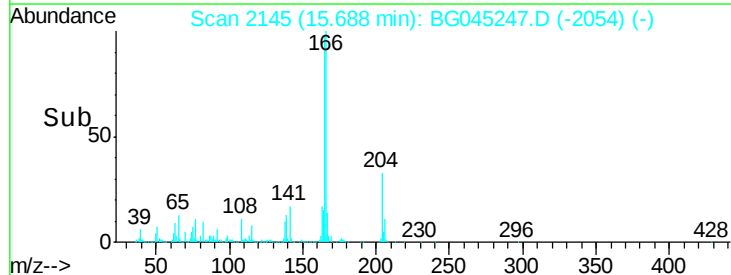
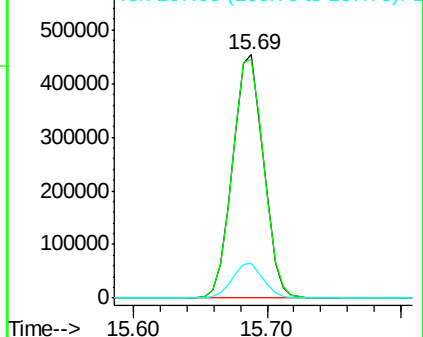
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.9	119.9
167	14.4	11.4	17.0

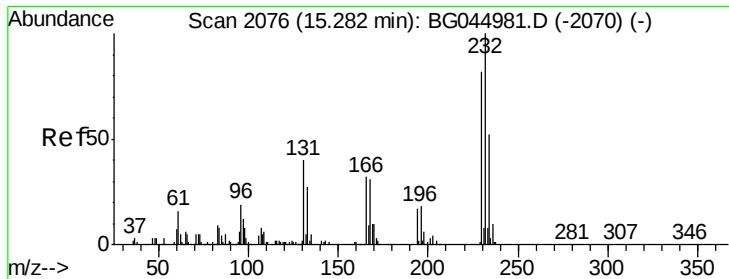


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

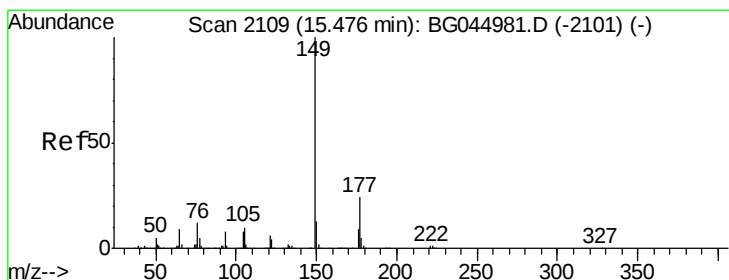
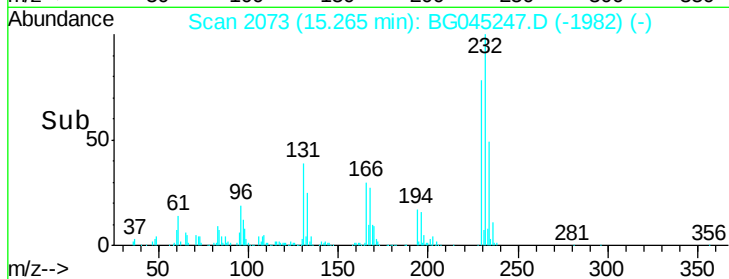
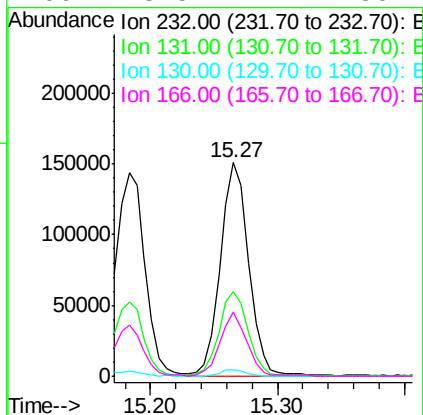
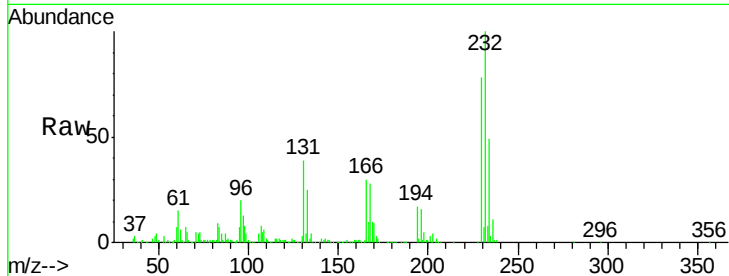




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.057 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

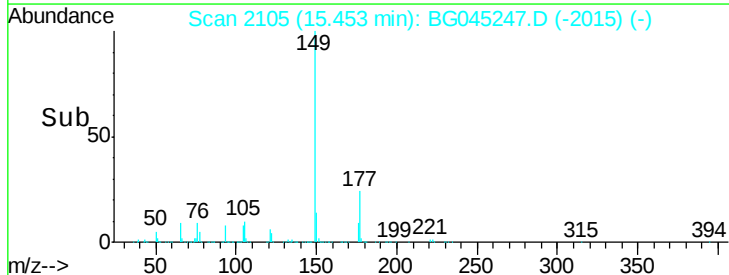
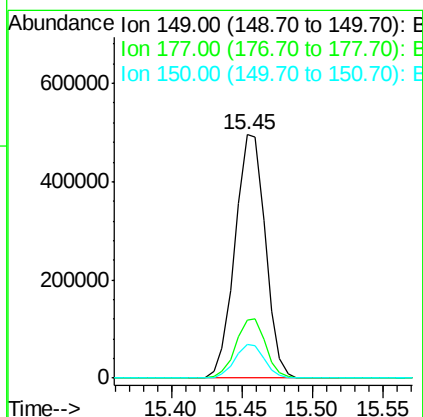
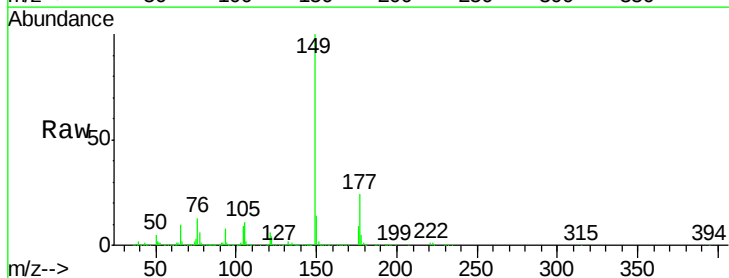
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

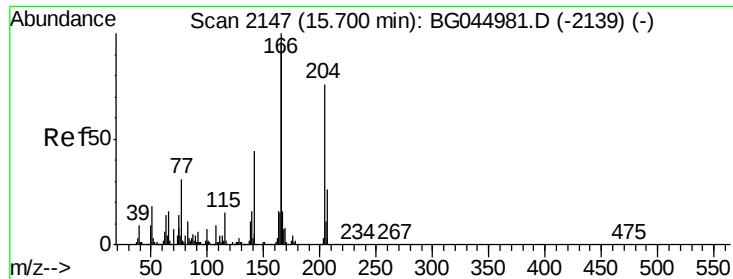
Tot Ion:	232	Resp:	232661
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.2	48.2
130	3.1	2.2	3.2
166	28.5	24.2	36.4



#60
 Diethylphthalate
 Concen: 34.688 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion:	149	Resp:	743187
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.9	28.3
150	13.7	10.6	15.8

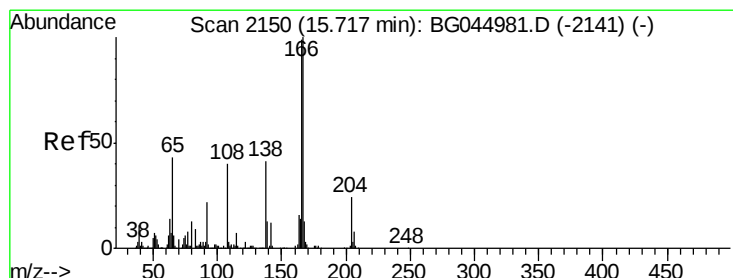
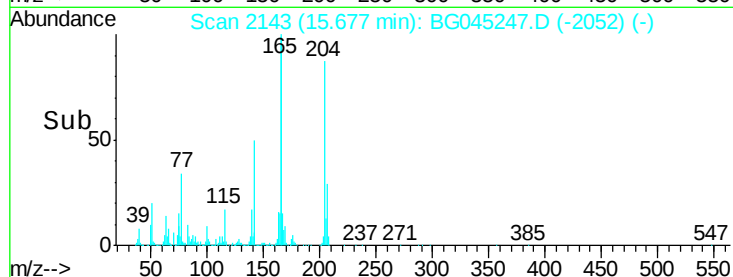
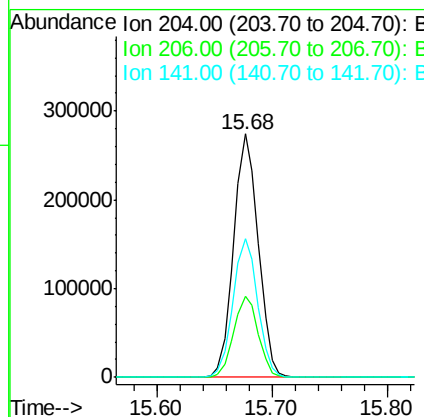
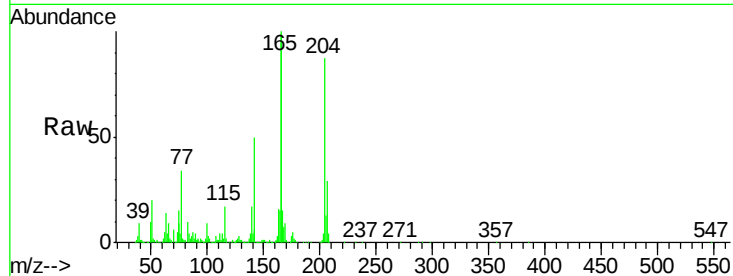




#61
4-Chlorophenyl-phenylether
Concen: 36.500 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

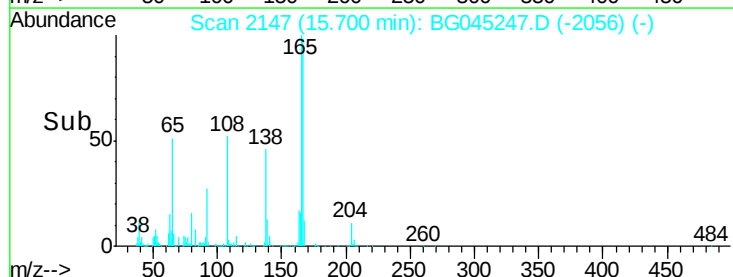
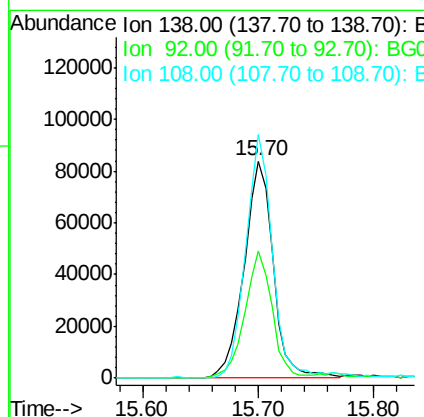
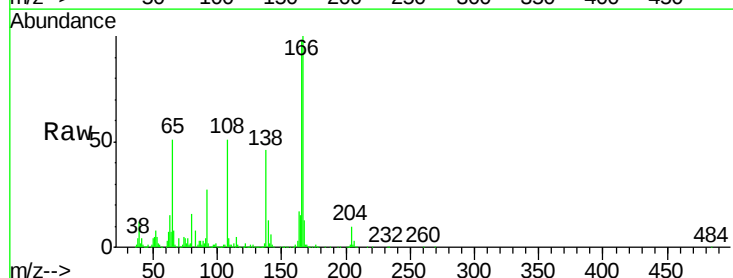
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

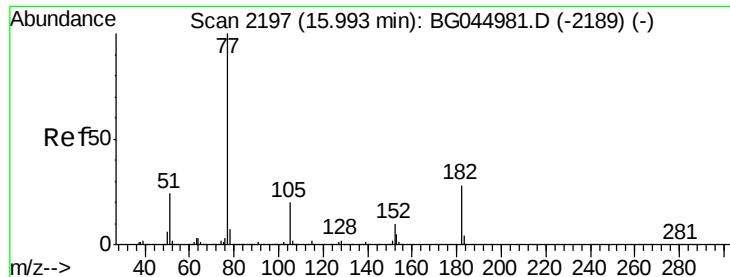
Tot Ion:204 Resp: 404130
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 57.1 46.3 69.5



#62
4-Nitroaniline
Concen: 28.258 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:138 Resp: 147751
Ion Ratio Lower Upper
138 100
92 58.8 33.6 73.6
108 112.1 78.2 118.2





#63

Azobenzene

Concen: 36.724 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion: 77 Resp: 725404

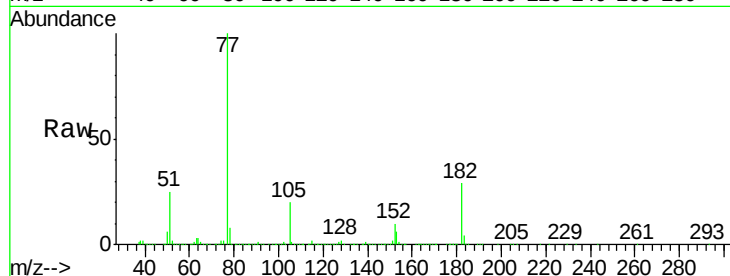
Ion Ratio Lower Upper

77 100

182 28.5 8.4 48.4

105 19.6 0.5 40.5

51 24.9 4.4 44.4

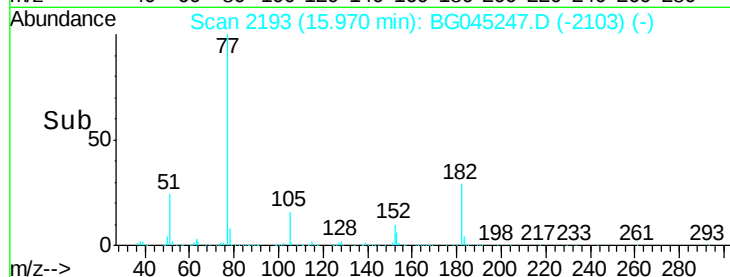


Abundance Ion 77.00 (76.70 to 77.70): BGC

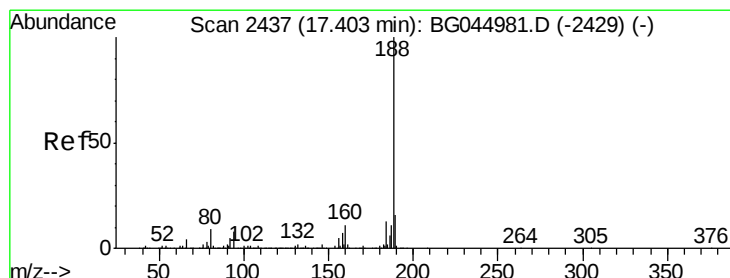
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

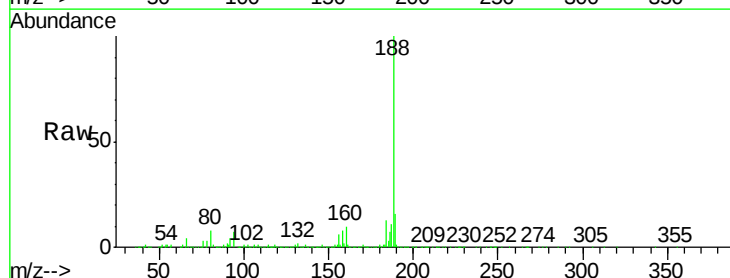
Tgt Ion: 188 Resp: 506616

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

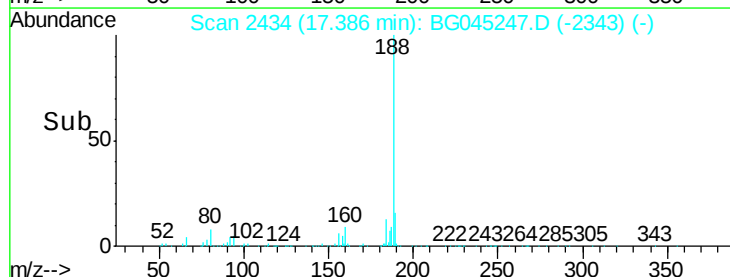
80 8.2 7.0 10.6



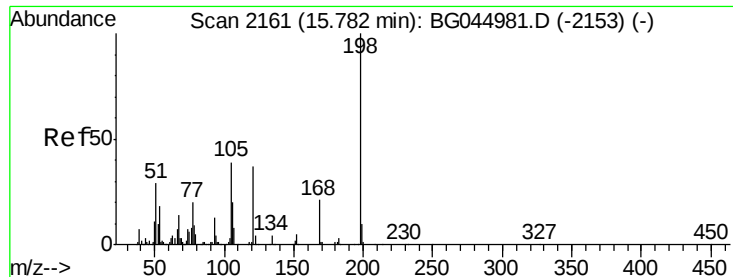
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 14.159 ng

RT: 15.76 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

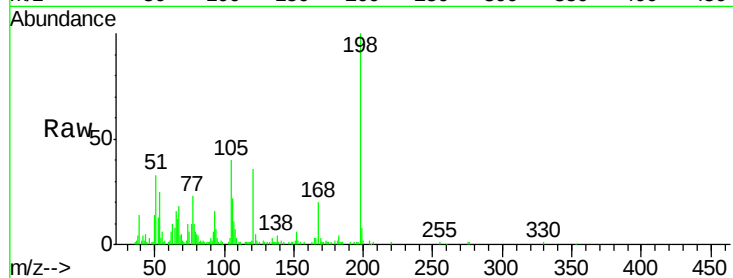
Tot Ion:198 Resp: 47150

Ion	Ratio	Lower	Upper
198	100		
51	33.1	10.0	50.0
105	40.5	18.9	58.9

198 100

51 33.1 10.0 50.0

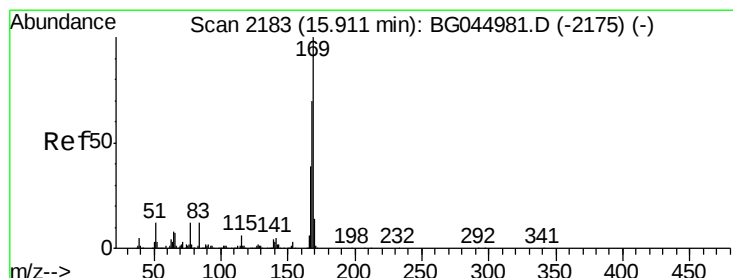
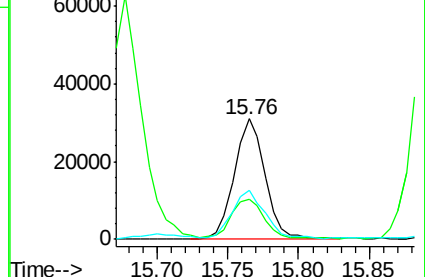
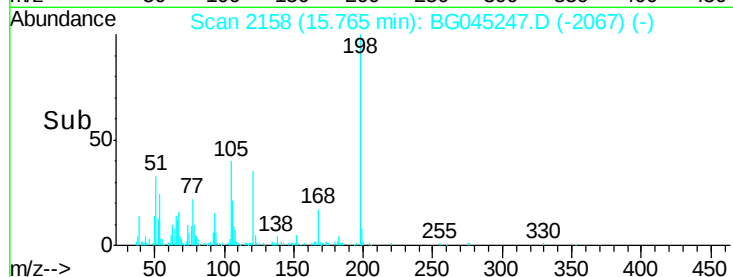
105 40.5 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.213 ng

RT: 15.89 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

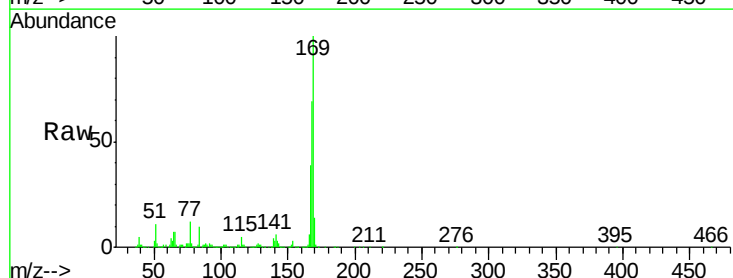
Tgt Ion:169 Resp: 643571

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.8	83.8
167	38.6	30.8	46.2

169 100

168 69.1 55.8 83.8

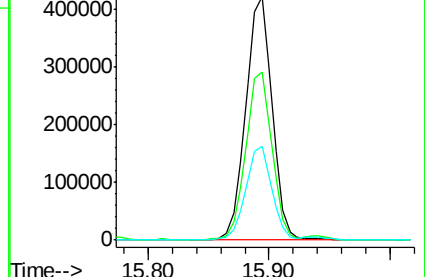
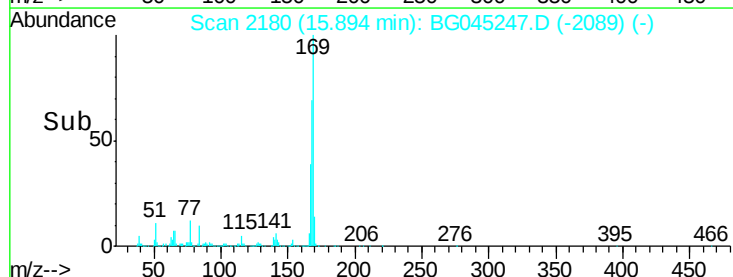
167 38.6 30.8 46.2

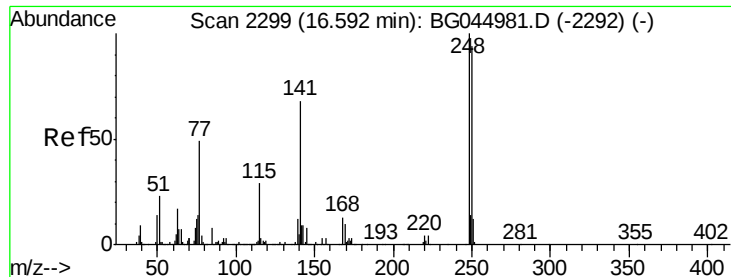


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

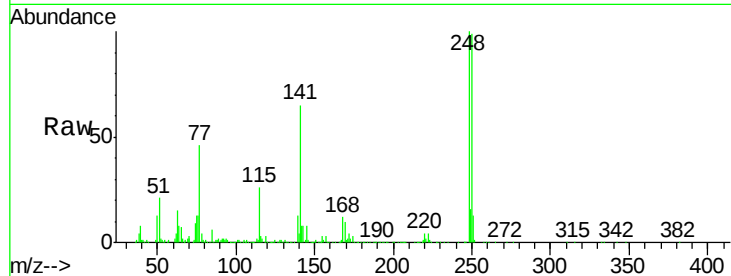




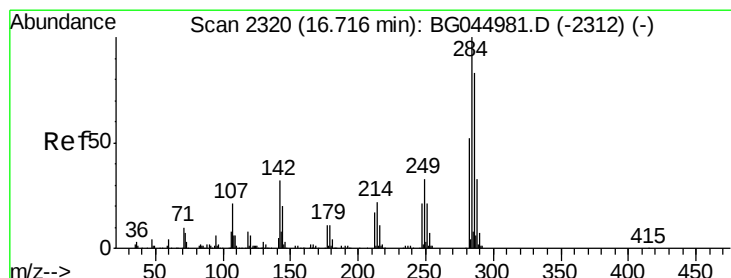
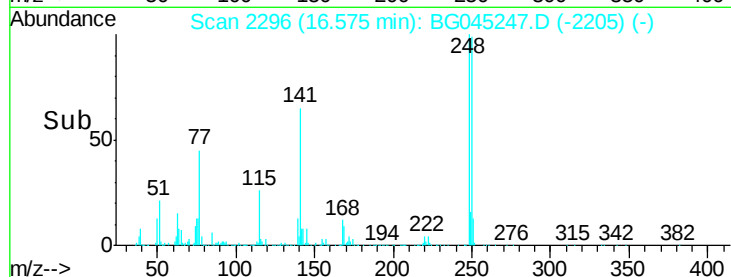
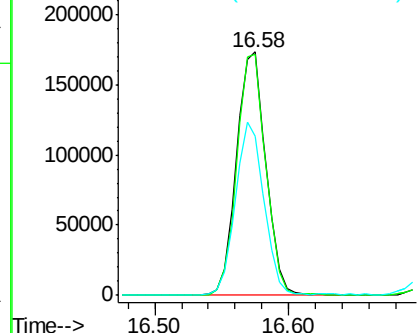
#67
4-Bromophenyl-phenylether
Concen: 40.524 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion:248 Resp: 264854
Ion Ratio Lower Upper
248 100
250 98.9 75.4 113.2
141 65.4 54.4 81.6

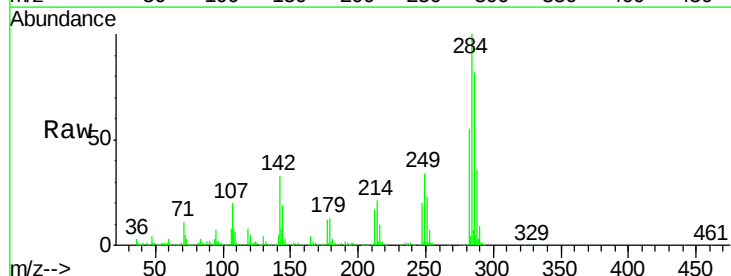


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

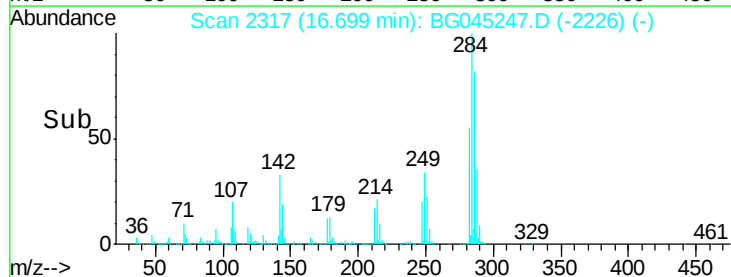
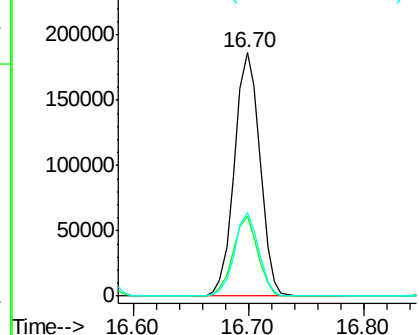


#68
Hexachlorobenzene
Concen: 42.028 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:284 Resp: 284881
Ion Ratio Lower Upper
284 100
142 32.8 25.8 38.6
249 34.5 26.6 39.8



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





#69

Atrazine

Concen: 42.359 ng

RT: 16.85 min Scan# 2342

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

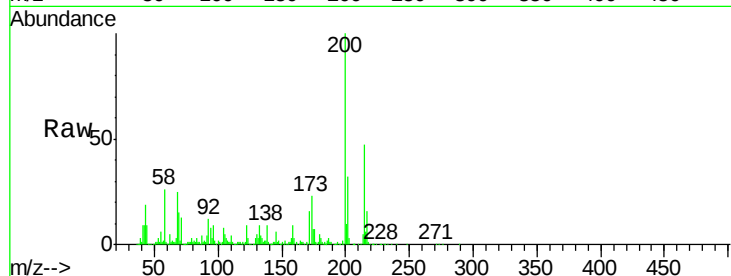
Tot Ion:200 Resp: 226379

Ion Ratio Lower Upper

200 100

173 23.3 4.5 44.5

215 46.9 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.85

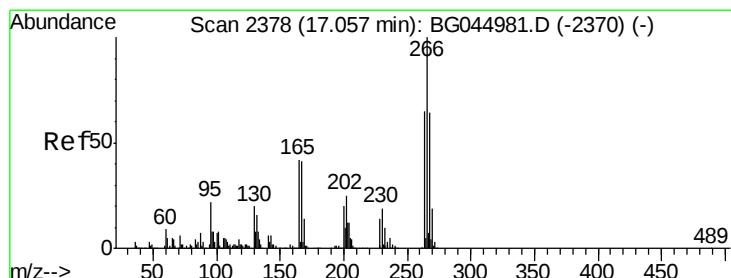
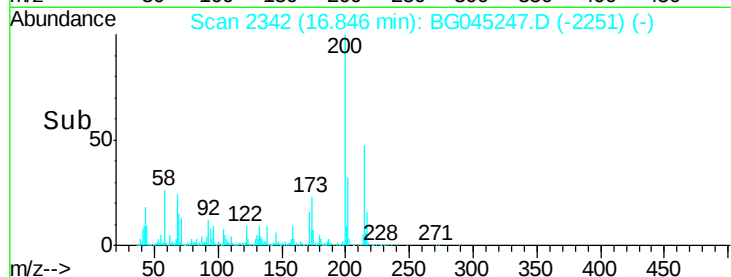
150000

100000

50000

0

Time--> 16.75 16.80 16.85 16.90



#70

Pentachlorophenol

Concen: 83.522 ng

RT: 17.04 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

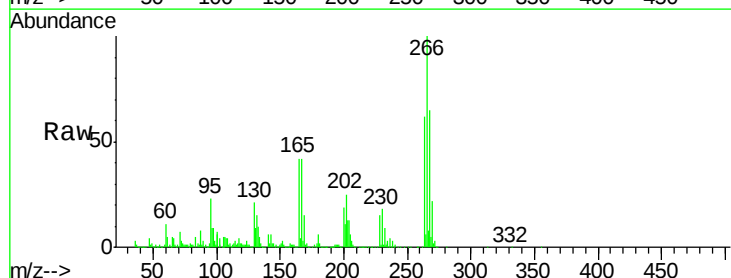
Tgt Ion:266 Resp: 347305

Ion Ratio Lower Upper

266 100

268 64.9 51.5 77.3

264 61.6 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

17.04

250000

200000

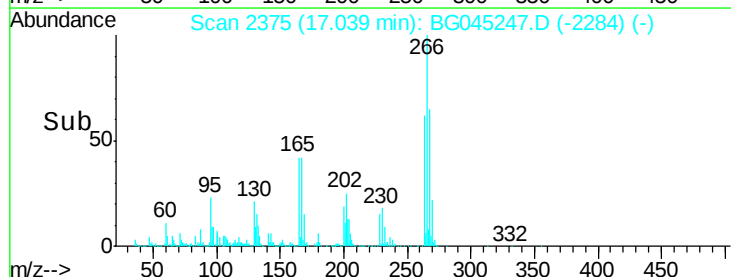
150000

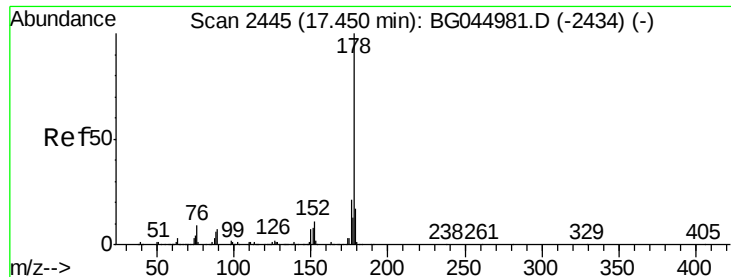
100000

50000

0

Time--> 17.00 17.10

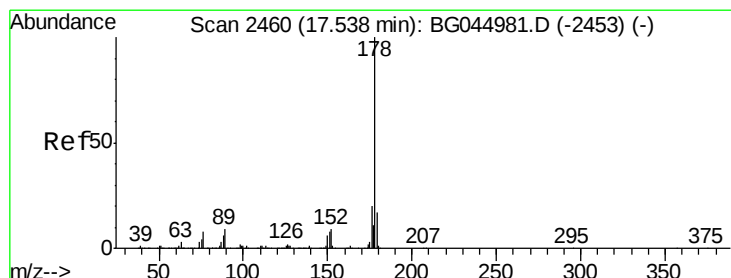
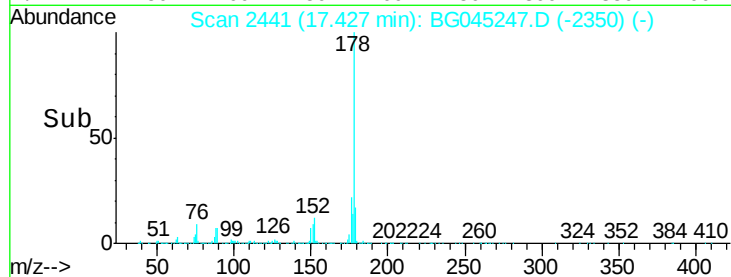
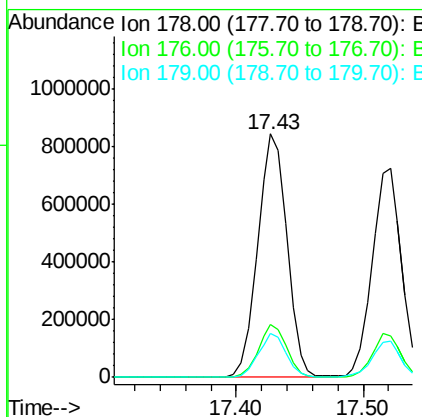
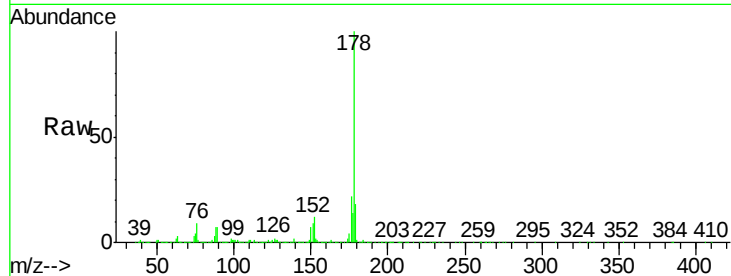




#71
Phenanthrene
Concen: 52.176 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

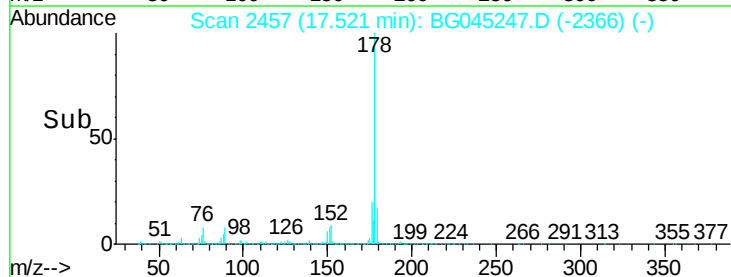
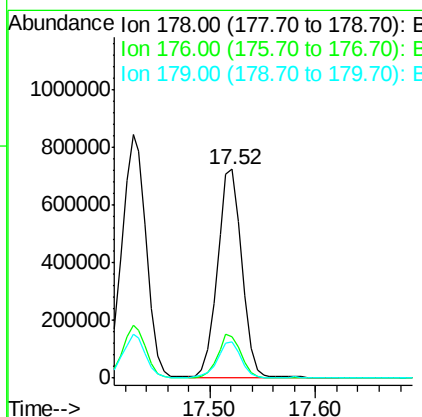
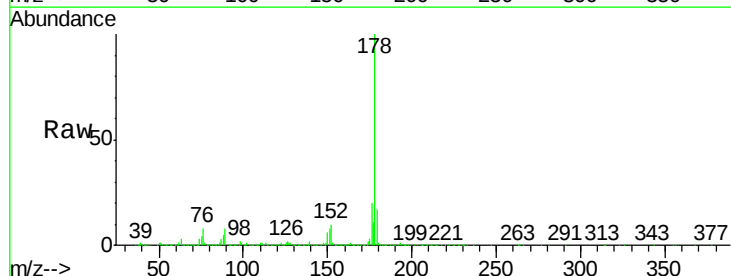
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

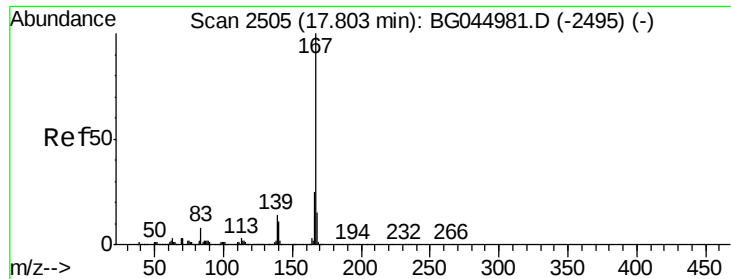
Tot Ion:178 Resp: 1358341
Ion Ratio Lower Upper
178 100
176 21.5 16.8 25.2
179 17.8 13.2 19.8



#72
Anthracene
Concen: 44.696 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:178 Resp: 1167220
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 17.2 13.6 20.4

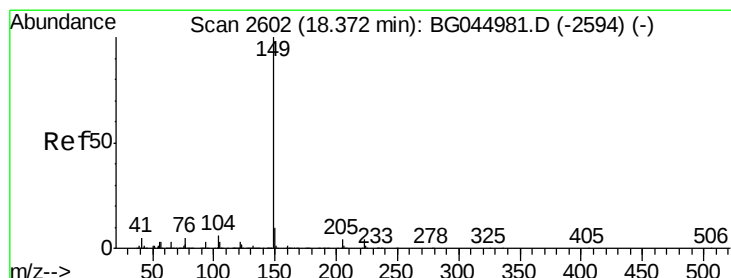
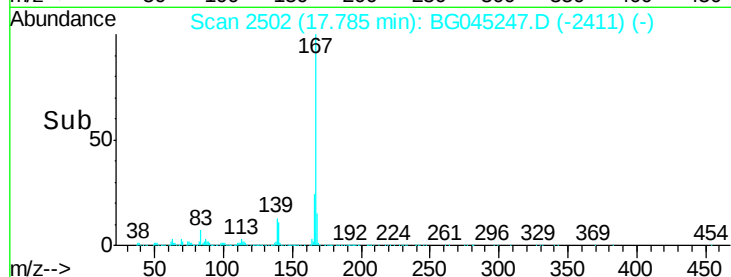
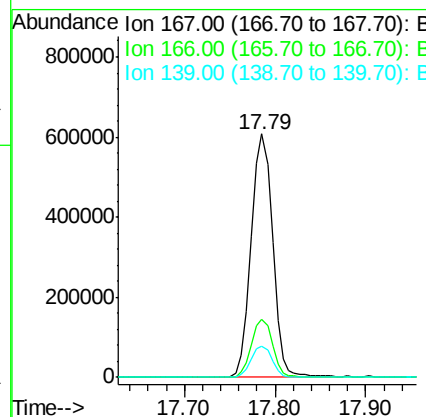
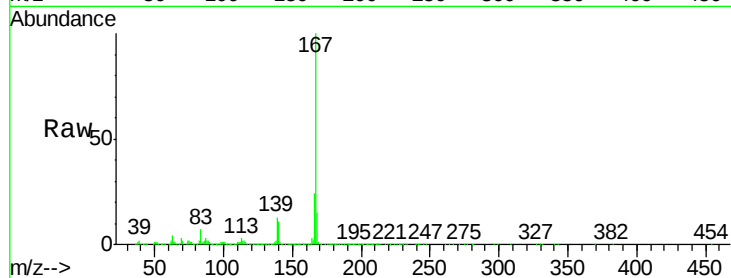




#73
 Carbazole
 Concen: 37.950 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

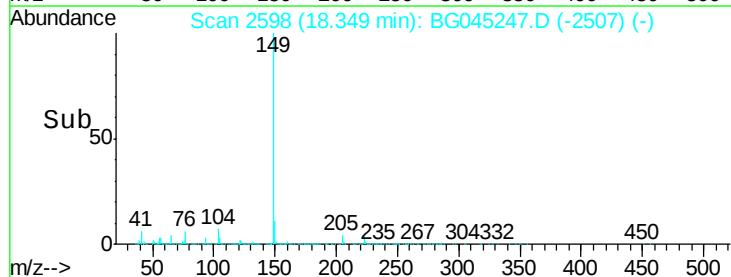
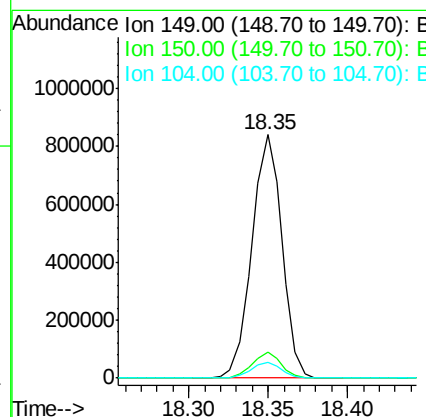
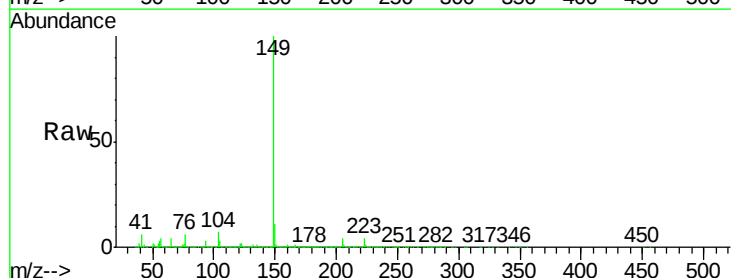
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

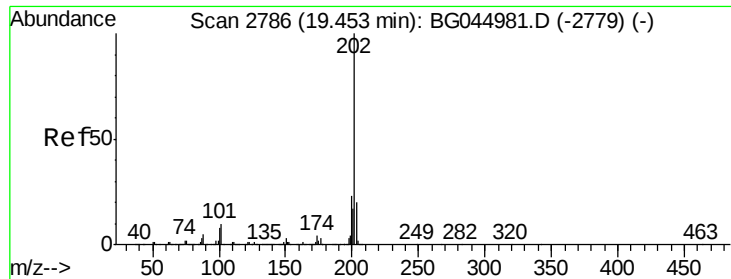
Tot Ion:167 Resp: 1005705
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.8 29.6
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.257 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion:149 Resp: 1104901
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.2 12.2
 104 6.7 4.8 7.2





#75

Fluoranthene

Concen: 57.325 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

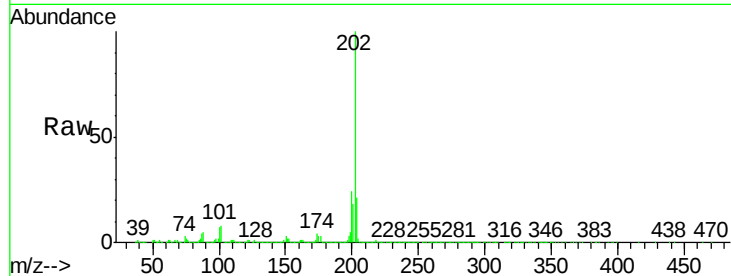
Tot Ion:202 Resp: 1702407

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.6

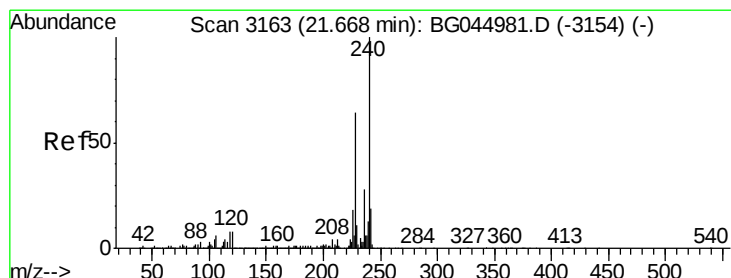
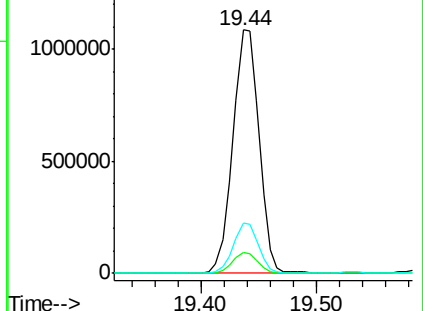
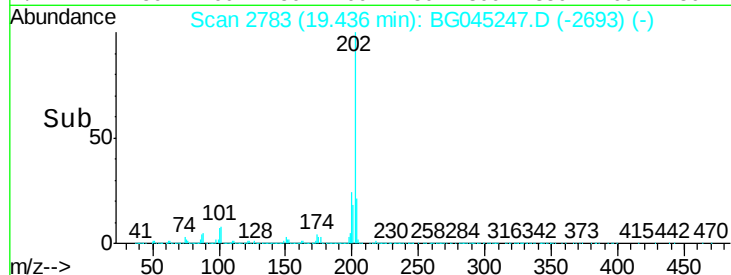
203 20.6 0.0 39.7



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: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

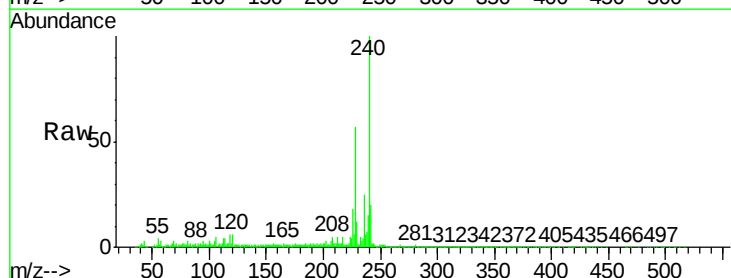
Tgt Ion:240 Resp: 424095

Ion Ratio Lower Upper

240 100

120 6.2 6.6 10.0#

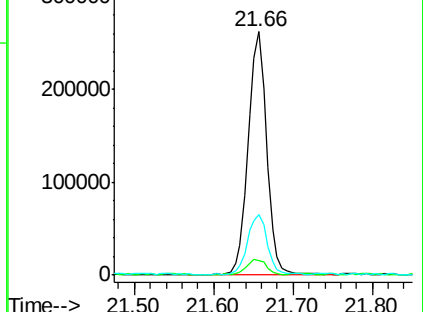
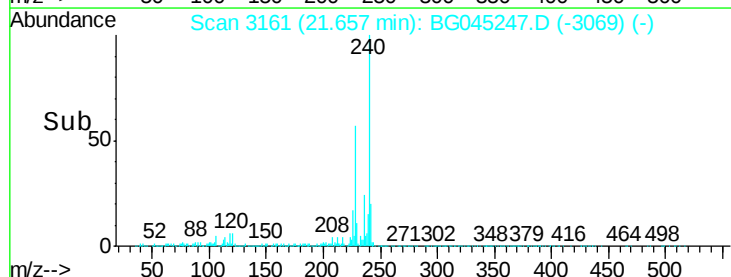
236 25.0 22.2 33.2



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: 39.620 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

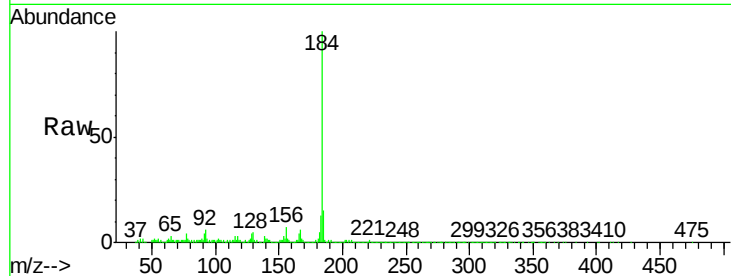
Tot Ion:184 Resp: 495419

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

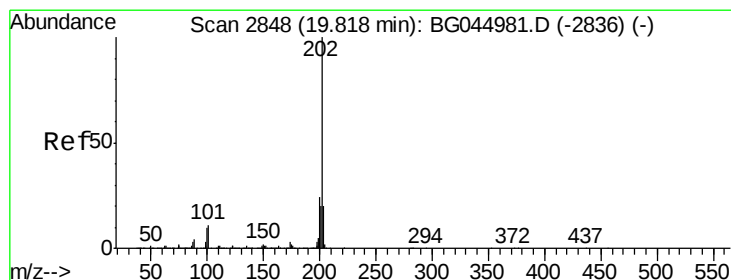
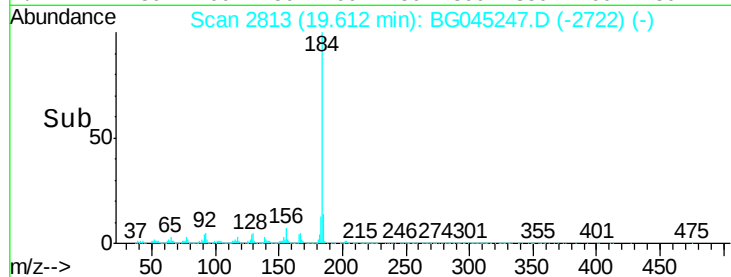
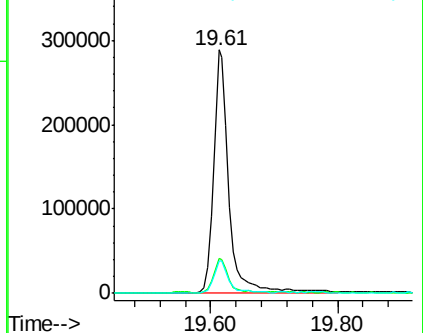
183 13.5 11.3 16.9



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: 55.044 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

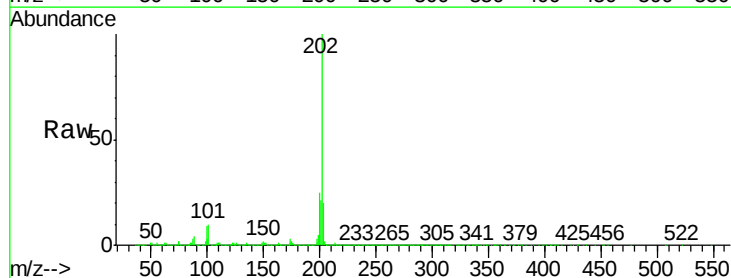
Tgt Ion:202 Resp: 1609338

Ion Ratio Lower Upper

202 100

200 24.5 19.0 28.6

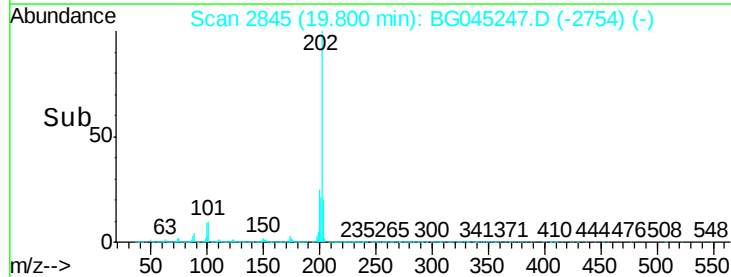
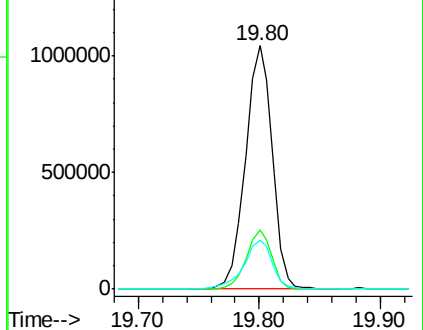
203 20.3 16.1 24.1

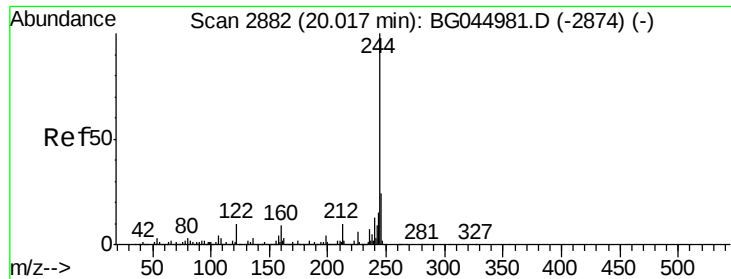


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.926 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

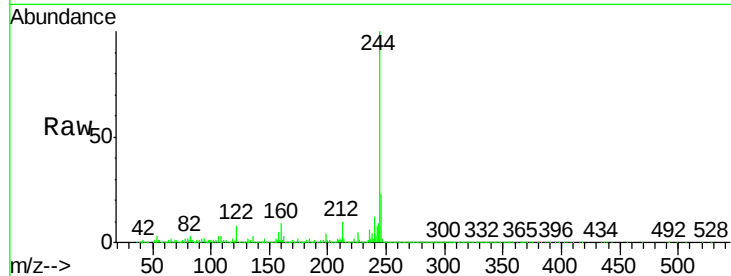
BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:244 Resp: 1788679

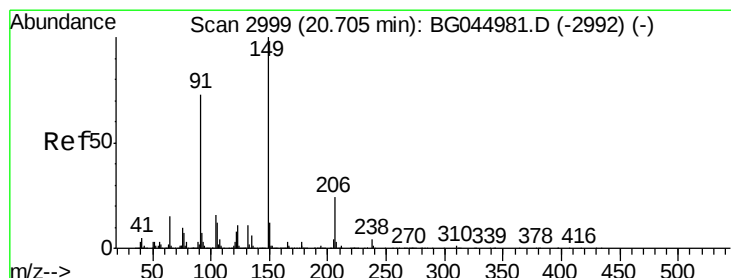
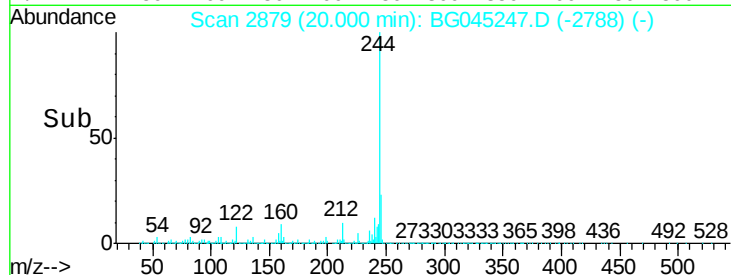
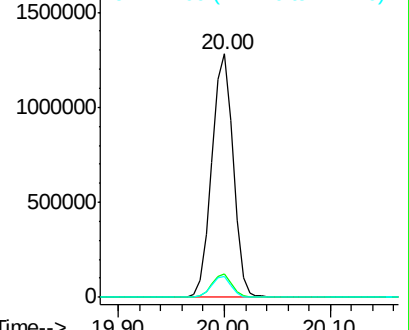
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	8.4	7.7	11.5



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: 37.949 ng

RT: 20.69 min Scan# 2996

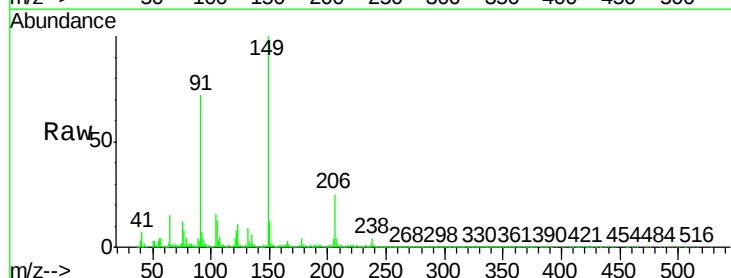
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:149 Resp: 459907

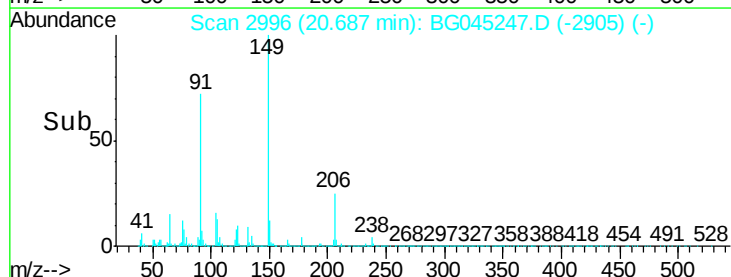
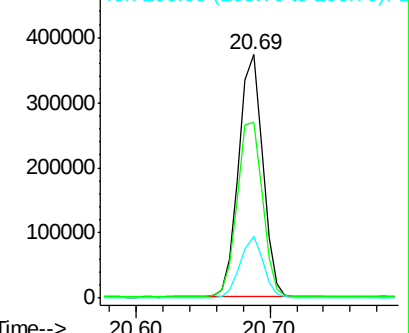
Ion	Ratio	Lower	Upper
149	100		
91	72.0	58.5	87.7
206	25.2	19.2	28.8

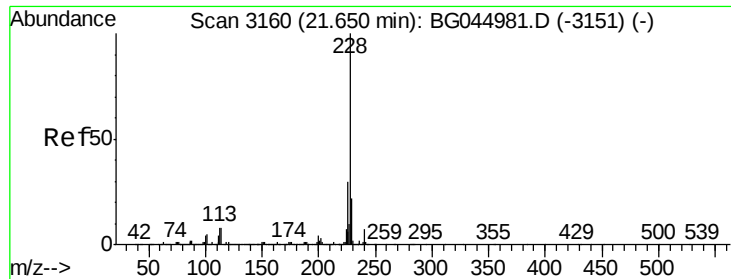


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.351 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

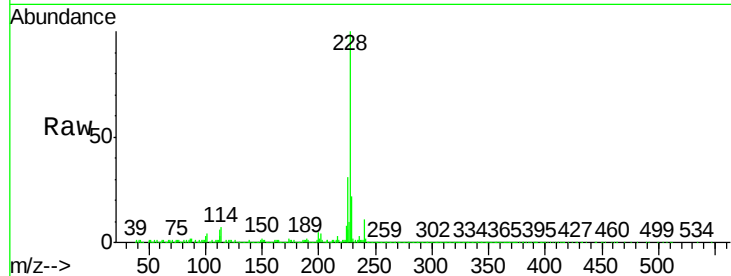
Tot Ion:228 Resp: 1411502

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	21.7	17.5	26.3

228 100

226 31.3 24.0 36.0

229 21.7 17.5 26.3

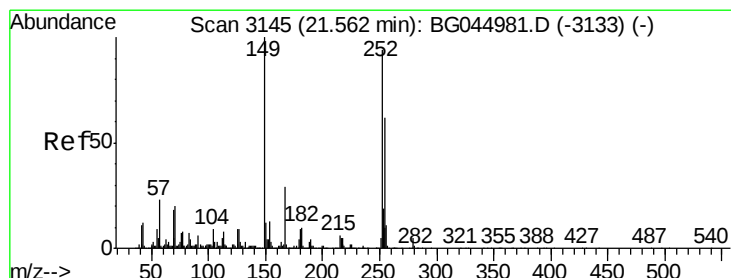
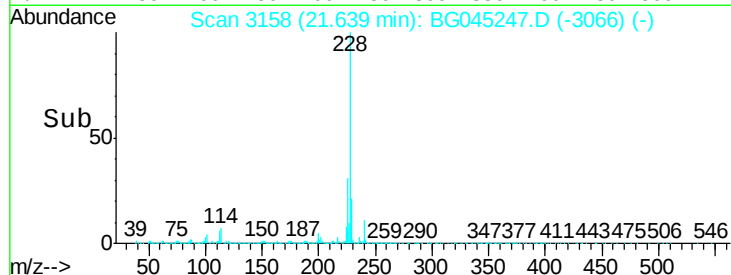
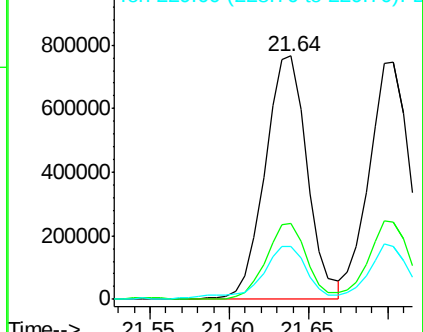


Abundance

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: 34.988 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

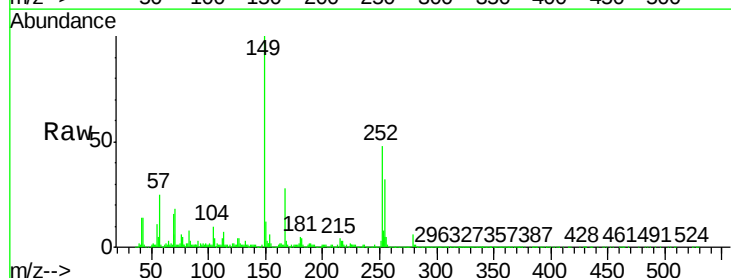
Tgt Ion:252 Resp: 382786

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	79.0
126	8.3	7.5	11.3

252 100

254 66.1 52.6 79.0

126 8.3 7.5 11.3

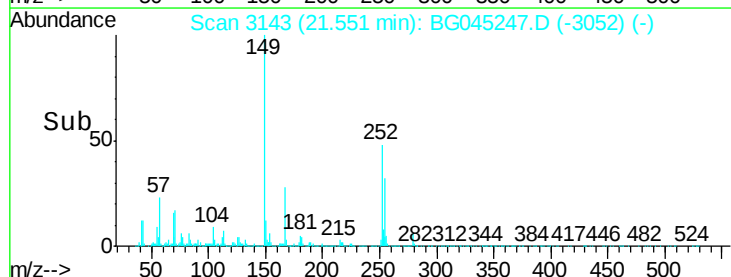
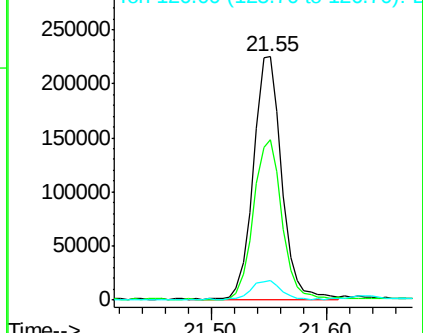


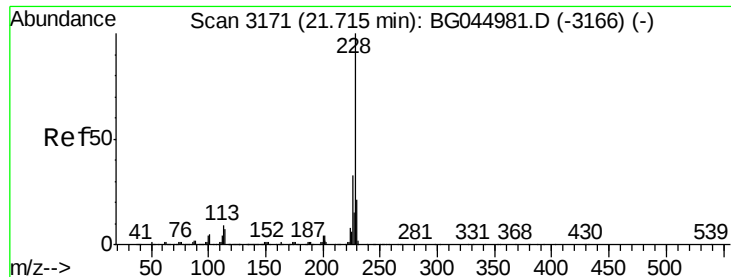
Abundance

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: 50.088 ng

RT: 21.70 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

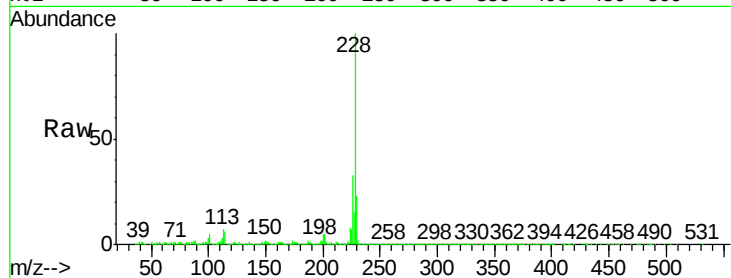
BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:228 Resp: 1322830

Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	22.5	17.0	25.6

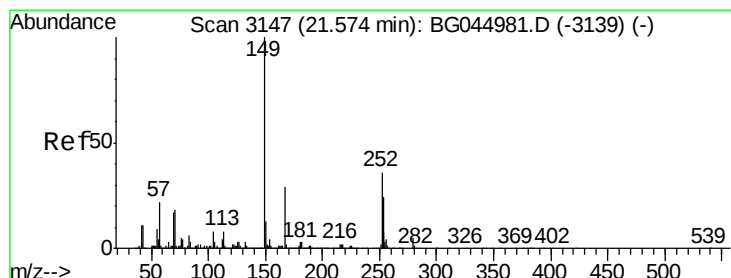
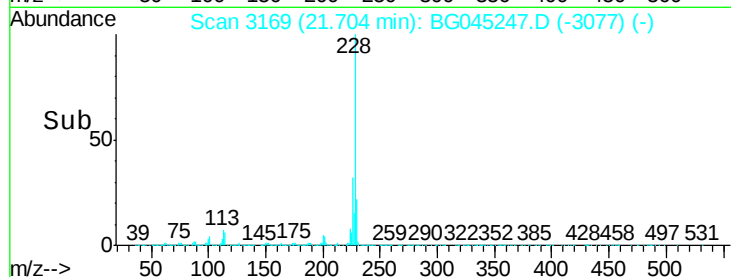
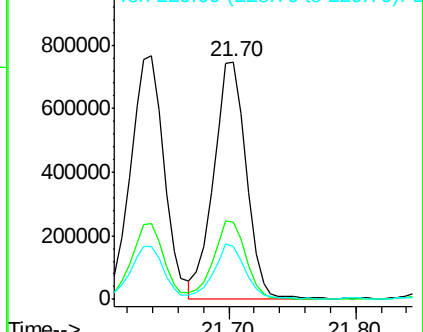


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.038 ng

RT: 21.55 min Scan# 3143

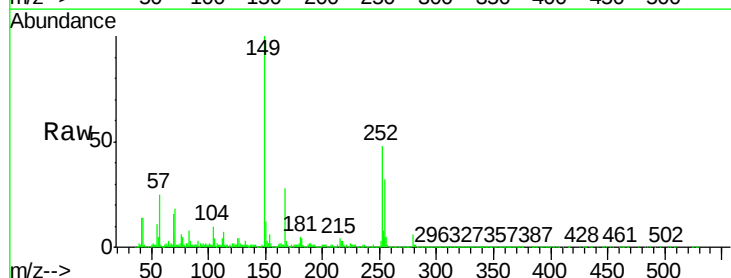
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:149 Resp: 667354

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.7	4.3	6.5

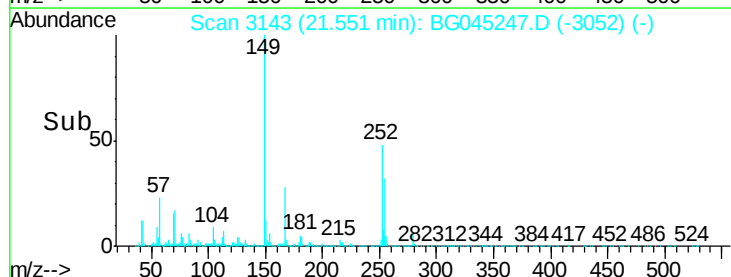
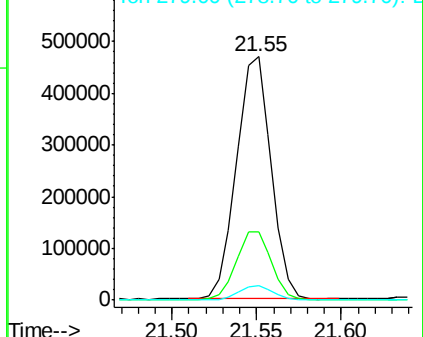


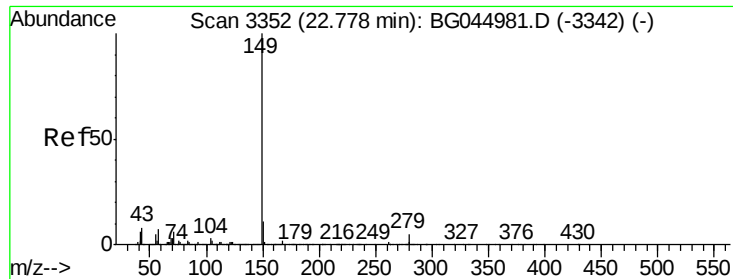
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.858 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

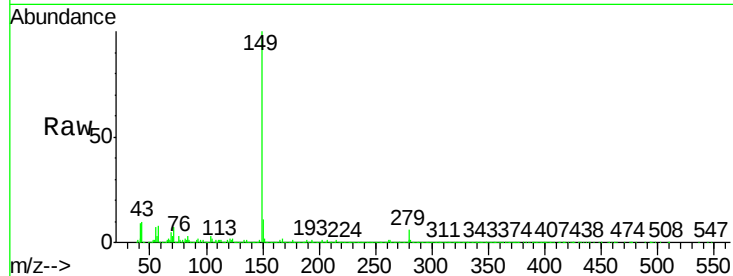
Tot Ion:149 Resp: 1091206

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

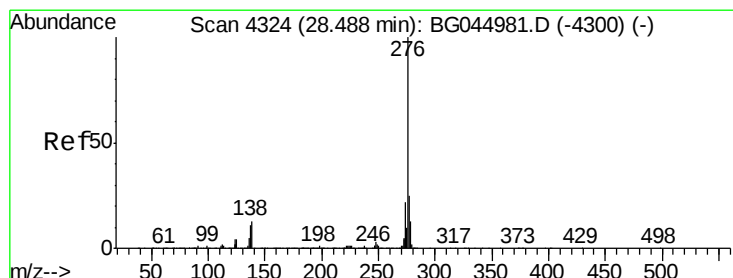
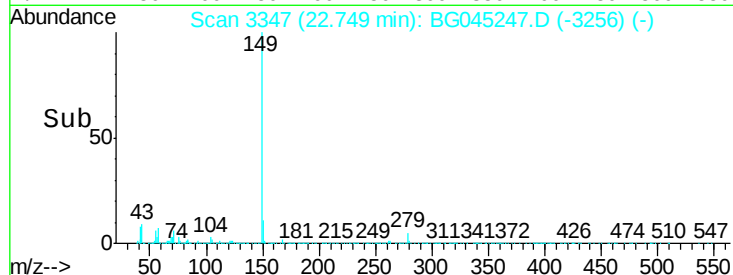
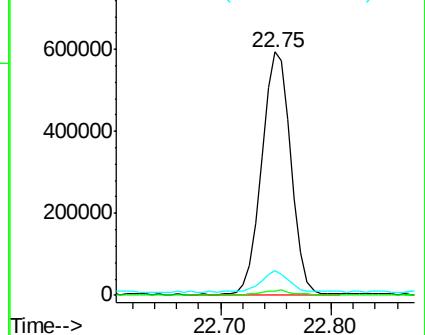
43 8.2 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.140 ng

RT: 28.48 min Scan# 4322

Delta R.T. 0.05 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

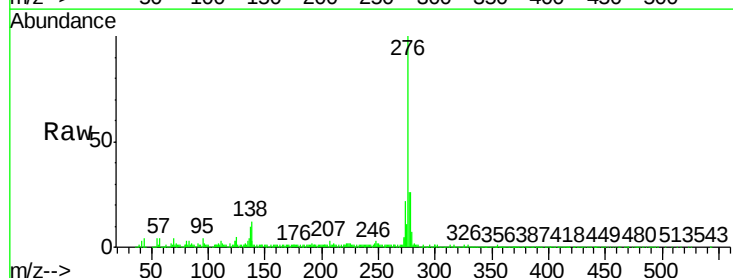
Tgt Ion:276 Resp: 1162027

Ion Ratio Lower Upper

276 100

138 7.2 9.6 14.4#

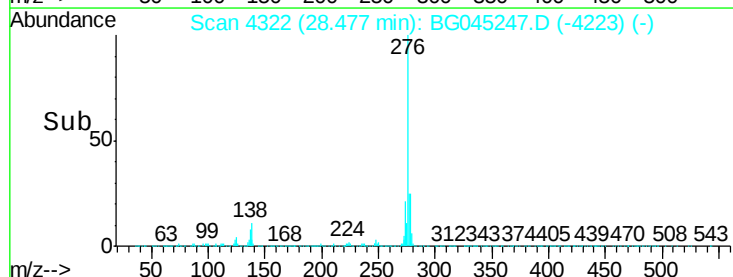
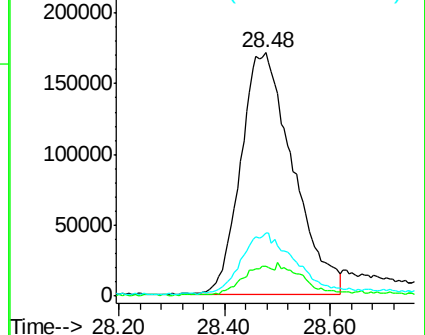
277 25.9 20.6 31.0

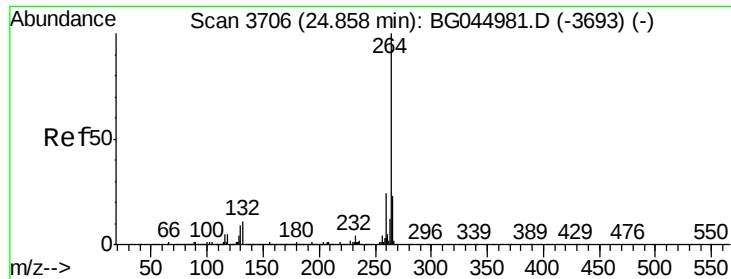


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

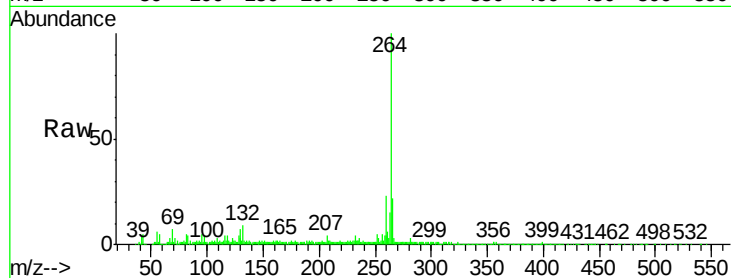
BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:264 Resp: 455930

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.3	19.0	28.4

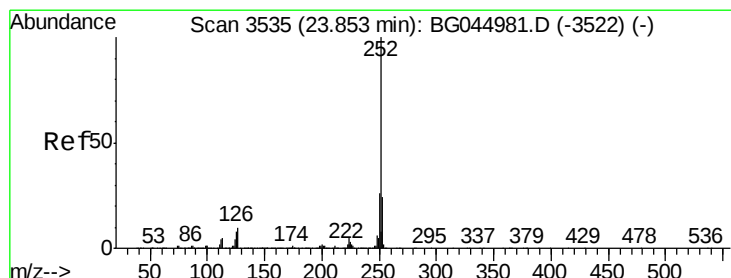
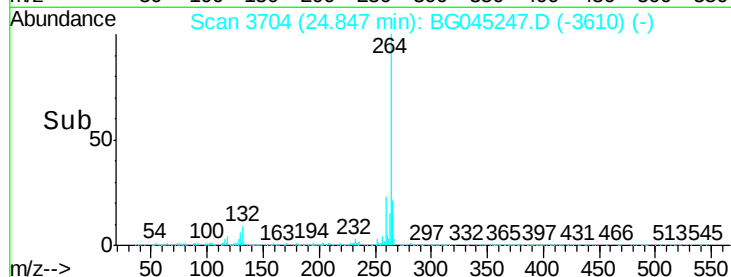
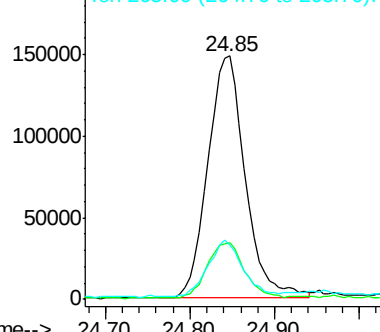


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.935 ng

RT: 23.84 min Scan# 3533

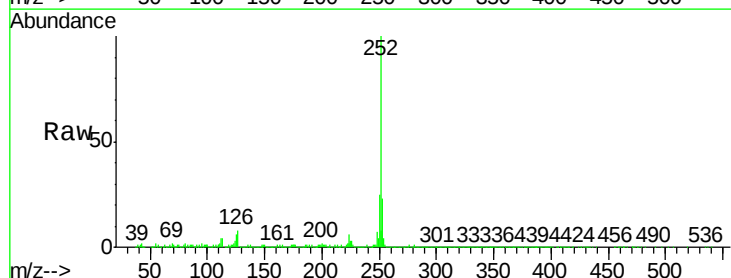
Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:252 Resp: 1483237

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	6.3	6.2	9.4

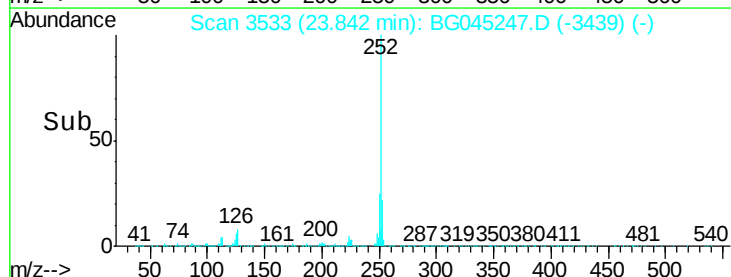
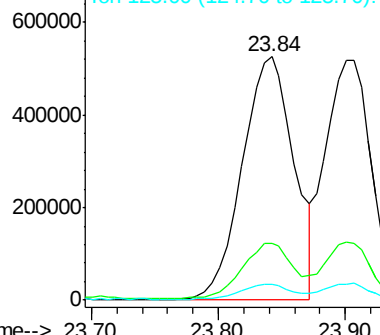


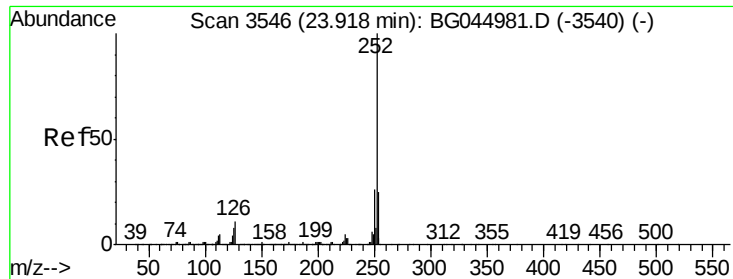
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.762 ng

RT: 23.90 min Scan# 3543

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

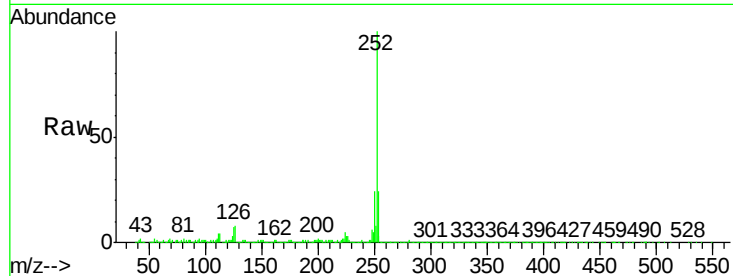
Tot Ion:252 Resp: 1297203

Ion Ratio Lower Upper

252 100

253 24.3 19.2 28.8

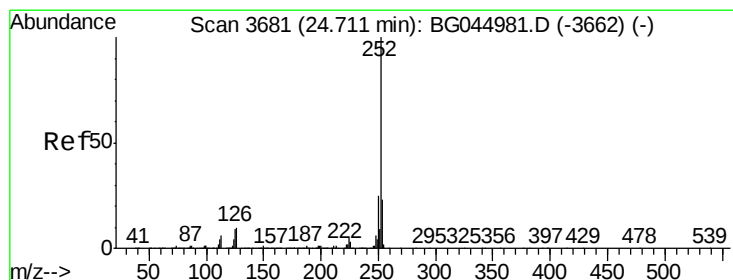
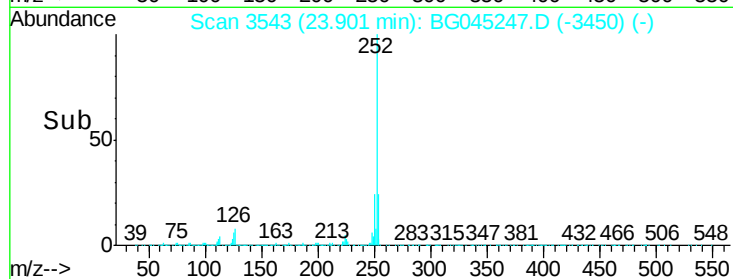
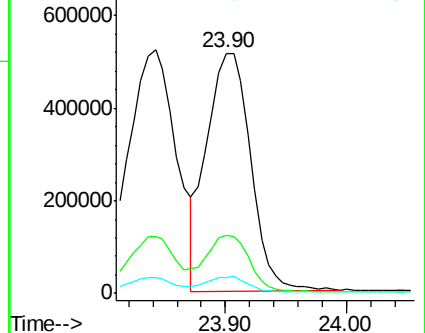
125 6.7 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.994 ng

RT: 24.69 min Scan# 3678

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

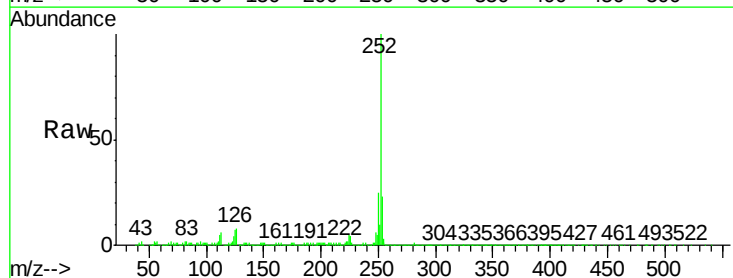
Tgt Ion:252 Resp: 1294135

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

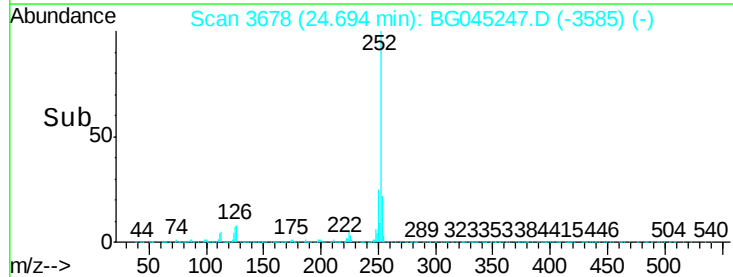
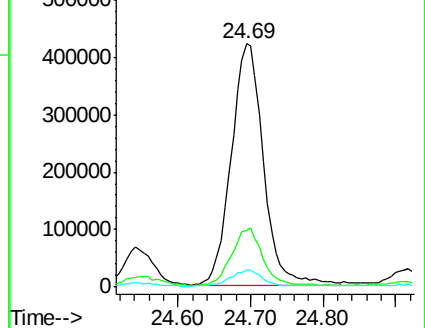
125 7.2 7.0 10.6

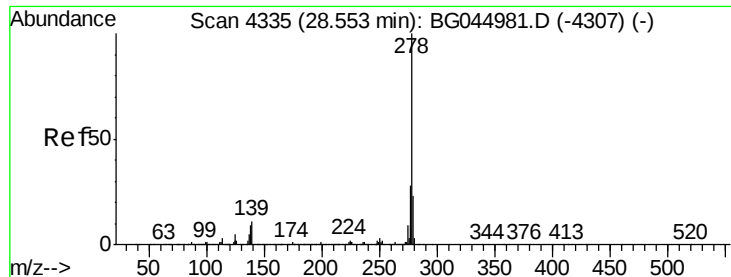


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 33.877 ng

RT: 28.54 min Scan# 4332

Delta R.T. 0.04 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

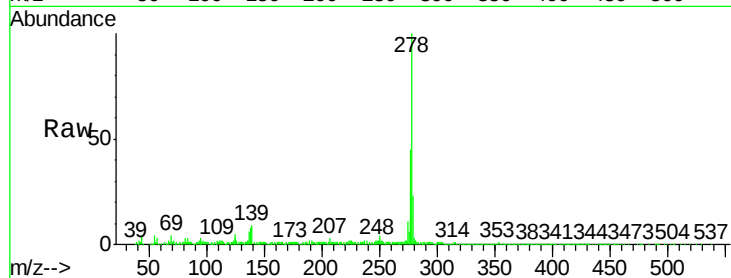
Tot Ion:278 Resp: 920455

Ion Ratio Lower Upper

278 100

139 9.2 9.0 13.6

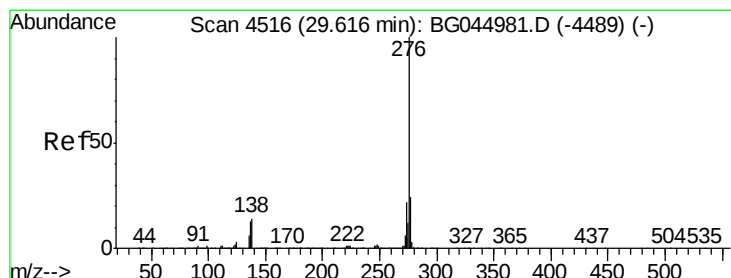
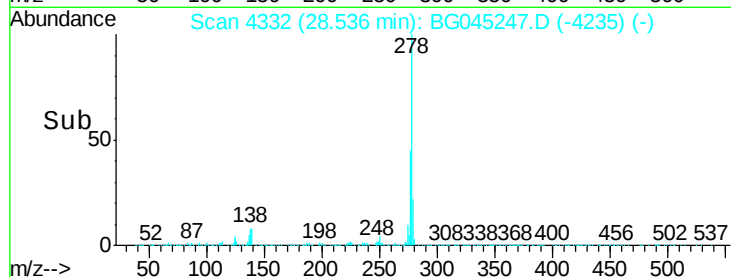
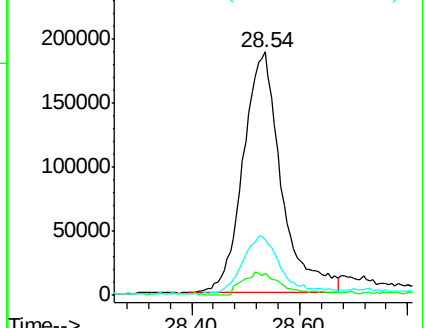
279 22.6 18.4 27.6



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: 31.731 ng

RT: 29.59 min Scan# 4512

Delta R.T. 0.04 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

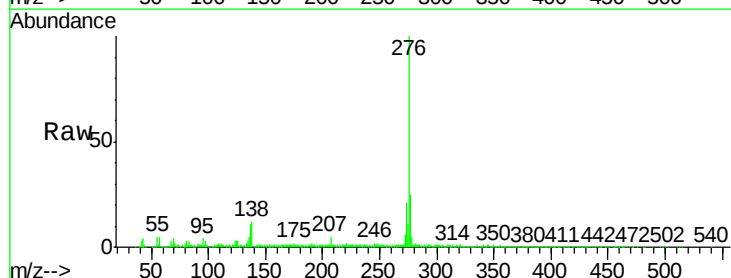
Tgt Ion:276 Resp: 864352

Ion Ratio Lower Upper

276 100

277 24.8 19.3 28.9

138 11.5 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

