

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045246.D
 Acq On : 4 May 2020 23:15
 Operator : CG/JU
 Sample : L2375-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 05 01:29:24 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	92172	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	371908	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	248076	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	502921	20.00	ng	0.00
76) Chrysene-d12	21.65	240	421387	20.00	ng	0.00
87) Perylene-d12	24.84	264	463724	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	406534	72.82	ng	0.00
7) Phenol-d6	7.16	99	583854	70.39	ng	0.00
23) Nitrobenzene-d5	9.15	82	382115	46.88	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	254388	66.38	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	896375	52.98	ng	0.00
79) Terphenyl-d14	20.00	244	1157371	59.86	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	48705	19.630	ng	94
3) Pyridine	3.85	79	113085	14.803	ng	98
4) n-Nitrosodimethylamine	3.76	42	54022	23.084	ng	90
6) Aniline	7.32	93	177073	16.418	ng	98
8) 2-Chlorophenol	7.56	128	159735	26.622	ng	97
9) Benzaldehyde	7.12	77	132917	24.913	ng	98
10) Phenol	7.19	94	211797	25.516	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	148695	22.500	ng	97
12) 1,3-Dichlorobenzene	7.89	146	176794	25.005	ng	97
13) 1,4-Dichlorobenzene	8.03	146	176281	25.021	ng	96
14) 1,2-Dichlorobenzene	8.35	146	172155	25.542	ng	98
15) Benzyl Alcohol	8.23	79	157086	22.587	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	140470	21.653	ng	93
17) 2-Methylphenol	8.44	107	144714	22.596	ng	95
18) Hexachloroethane	9.08	117	64262	24.263	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	130669	22.275	ng	99
20) 3+4-Methylphenols	8.77	107	195417	21.800	ng	97
22) Acetophenone	8.82	105	246451	24.505	ng	# 99
24) Nitrobenzene	9.19	77	205724	24.623	ng	# 91
25) Isophorone	9.72	82	374975	22.465	ng	98
26) 2-Nitrophenol	9.91	139	90370	25.111	ng	98
27) 2,4-Dimethylphenol	9.97	122	148522	26.010	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	206931	23.595	ng	95
29) 2,4-Dichlorophenol	10.46	162	162991	24.720	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	192371	25.769	ng	95
31) Naphthalene	10.85	128	511862	25.159	ng	100
32) Benzoic acid	10.10	122	73705	20.230	ng	99
33) 4-Chloroaniline	10.95	127	141449	14.908	ng	97
34) Hexachlorobutadiene	11.15	225	133821	26.145	ng	97
35) Caprolactam	11.72	113	50818	19.365	ng	# 82
36) 4-Chloro-3-methylphenol	12.09	107	180234	23.269	ng	96
37) 2-Methylnaphthalene	12.46	142	386750	24.491	ng	96
38) 1-Methylnaphthalene	12.68	142	359507	24.115	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	222624	27.872	ng	99

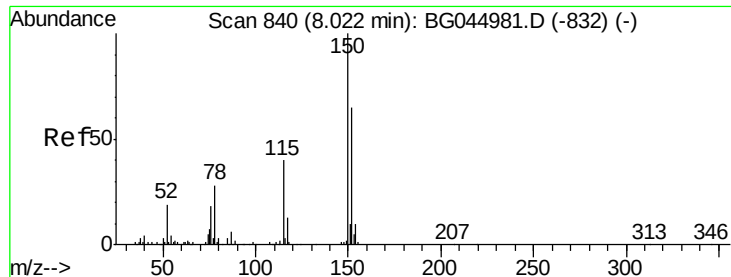
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045246.D
 Acq On : 4 May 2020 23:15
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	63334	12.686	ng	96
43) 2,4,6-Trichlorophenol	13.07	196	144785	25.684	ng	92
44) 2,4,5-Trichlorophenol	13.15	196	154393	24.061	ng	97
46) 1,1'-Biphenyl	13.47	154	478711	25.388	ng	99
47) 2-Chloronaphthalene	13.51	162	363613	25.238	ng	99
48) 2-Nitroaniline	13.70	65	113474	23.938	ng	93
49) Acenaphthylene	14.36	152	598751	25.514	ng	98
50) Dimethylphthalate	14.09	163	526417	26.061	ng	99
51) 2,6-Dinitrotoluene	14.20	165	103215	22.845	ng	97
52) Acenaphthene	14.70	154	363125	22.869	ng	95
53) 3-Nitroaniline	14.53	138	84490	17.051	ng	91
54) 2,4-Dinitrophenol	14.74	184	20750	7.724	ng	# 86
55) Dibenzofuran	15.04	168	571617	24.693	ng	99
56) 4-Nitrophenol	14.85	139	162133	42.199	ng	91
57) 2,4-Dinitrotoluene	14.99	165	141319	21.403	ng	96
58) Fluorene	15.68	166	459396	24.296	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	140923	24.683	ng	98
60) Diethylphthalate	15.45	149	464323	22.048	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	248148	22.800	ng	99
62) 4-Nitroaniline	15.70	138	90033	17.518	ng	91
63) Azobenzene	15.97	77	449168	23.133	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	20587	6.228	ng	93
66) n-Nitrosodiphenylamine	15.89	169	394020	27.268	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	166101	25.601	ng	100
68) Hexachlorobenzene	16.70	284	177466	26.374	ng	97
69) Atrazine	16.84	200	140483	24.476	ng	100
70) Pentachlorophenol	17.04	266	204397	49.516	ng	99
71) Phenanthrene	17.43	178	748974	28.981	ng	98
72) Anthracene	17.52	178	716976	27.657	ng	99
73) Carbazole	17.79	167	612031	23.264	ng	96
74) Di-n-butylphthalate	18.35	149	708564	21.584	ng	99
75) Fluoranthene	19.44	202	965030	29.667	ng	98
77) Benzidine	19.61	184	354111	26.575	ng	99
78) Pyrene	19.80	202	938075	32.291	ng	99
80) Butylbenzylphthalate	20.68	149	288120	23.927	ng	97
81) Benzo(a)anthracene	21.63	228	827398	30.294	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	243098	22.363	ng	98
83) Chrysene	21.70	228	781802	29.792	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	418666	25.279	ng	96
85) Di-n-octyl phthalate	22.75	149	693545	24.216	ng	98
86) Indeno(1,2,3-cd)pyrene	28.45	276	789236	22.653	ng	# 94
88) Benzo(b)fluoranthene	23.83	252	843054	29.023	ng	98
89) Benzo(k)fluoranthene	23.90	252	802286	29.043	ng	98
90) Benzo(a)pyrene	24.69	252	776310	28.306	ng	# 97
91) Dibenzo(a,h)anthracene	28.51	278	606026	21.930	ng	96
92) Benzo(g,h,i)perylene	29.58	276	593599	21.425	ng	96

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

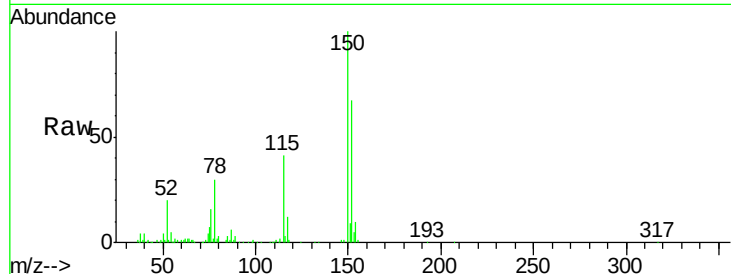


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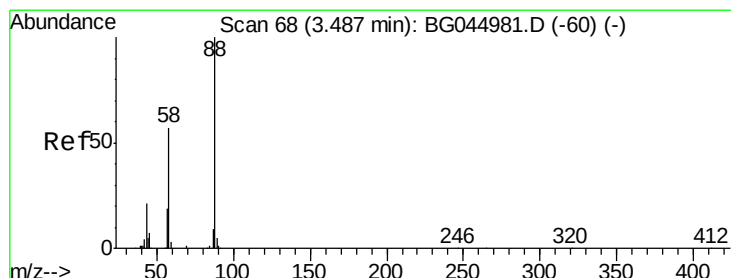
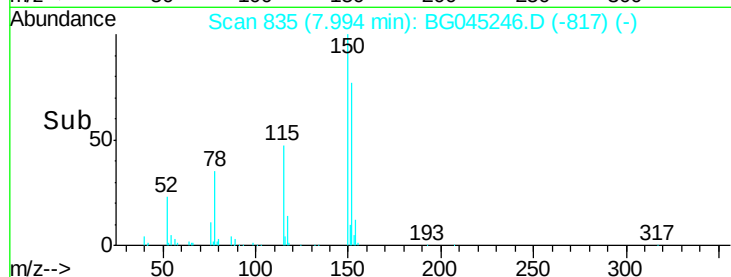
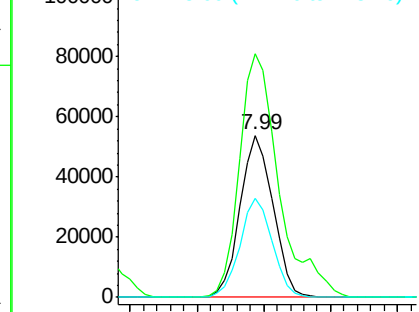
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

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

Tot Ion:152 Resp: 92172
Ion Ratio Lower Upper
152 100
150 150.2 123.6 185.4
115 61.3 49.1 73.7



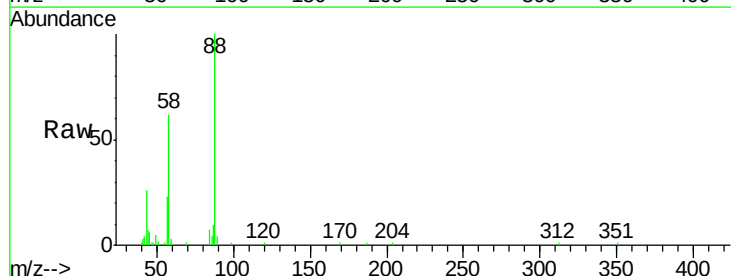
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



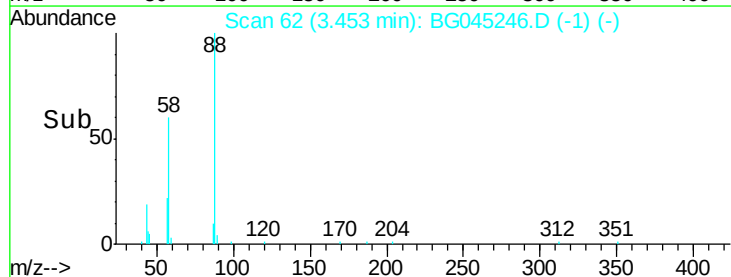
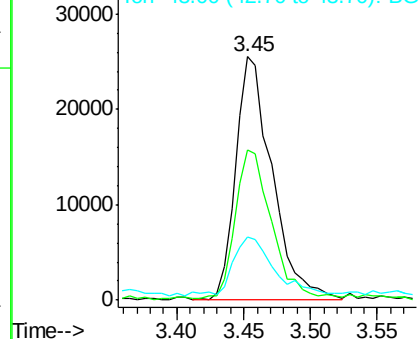
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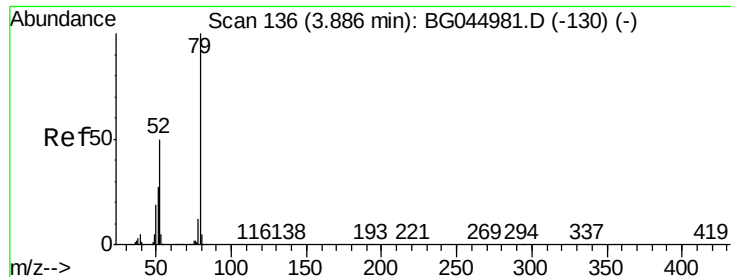
1,4-Dioxane
Concen: 19.630 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion: 88 Resp: 48705
Ion Ratio Lower Upper
88 100
58 62.2 46.6 69.8
43 25.3 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: 14.803 ng

RT: 3.85 min Scan# 130

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

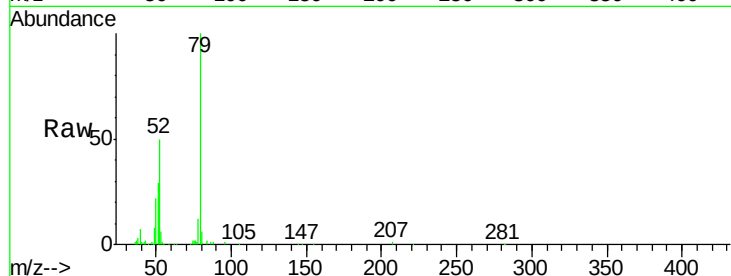
Tot Ion: 79 Resp: 113085

Ion Ratio Lower Upper

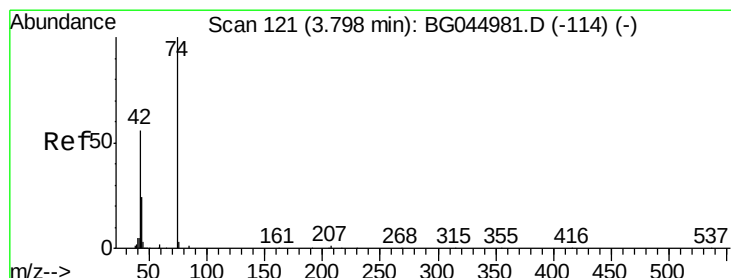
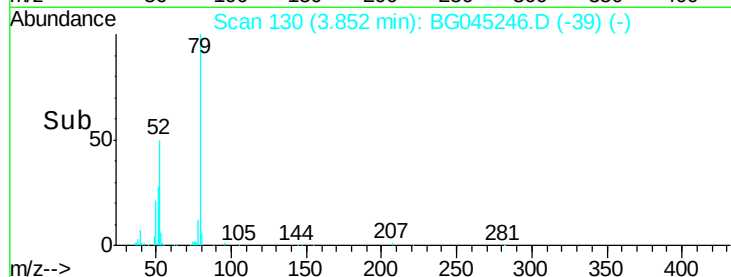
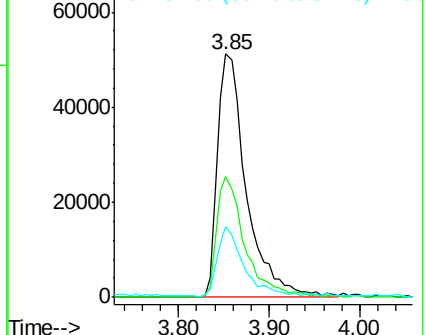
79 100

52 49.8 39.8 59.6

51 29.0 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: 23.084 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

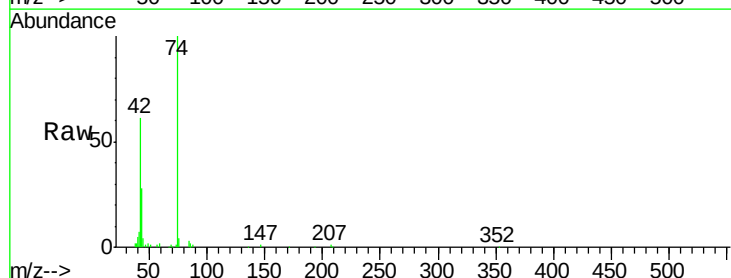
Tgt Ion: 42 Resp: 54022

Ion Ratio Lower Upper

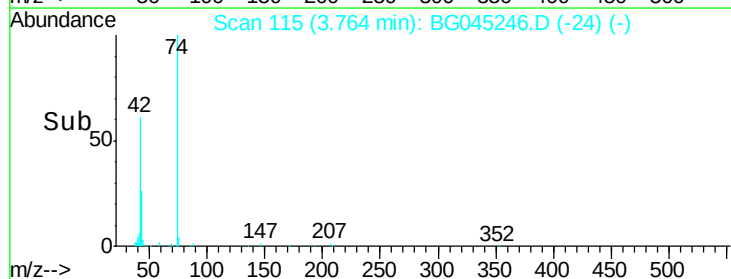
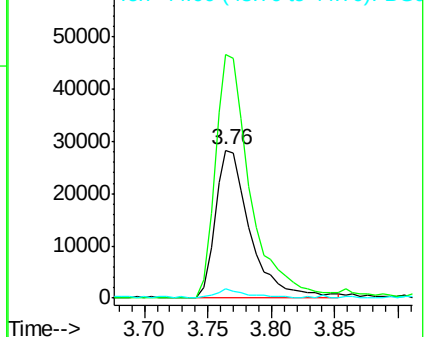
42 100

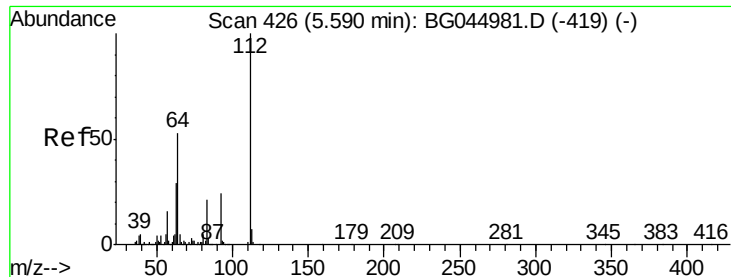
74 164.5 143.0 214.6

44 6.2 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: 72.817 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

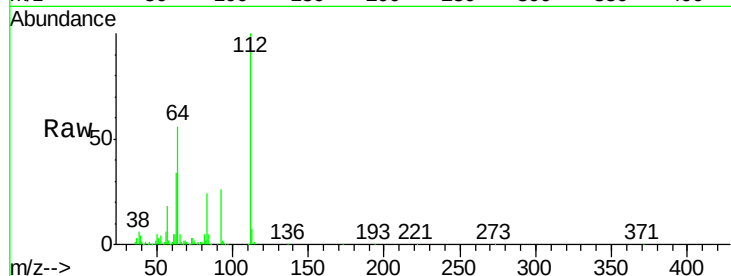
Tot Ion:112 Resp: 406534

Ion Ratio Lower Upper

112 100

64 56.2 42.4 63.6

63 34.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

300000

250000

200000

150000

100000

50000

0

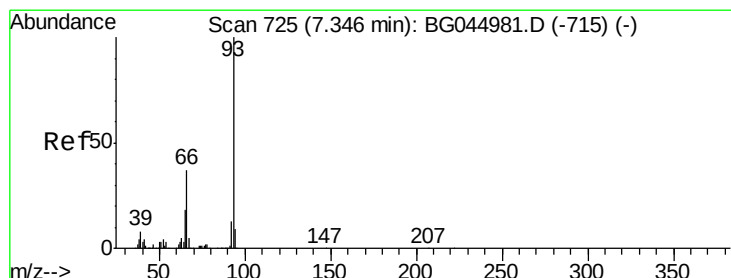
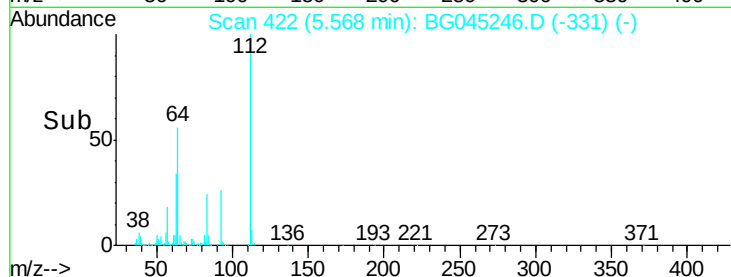
5.50

5.57

5.60

5.70

Time-->



#6

Aniline

Concen: 16.418 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

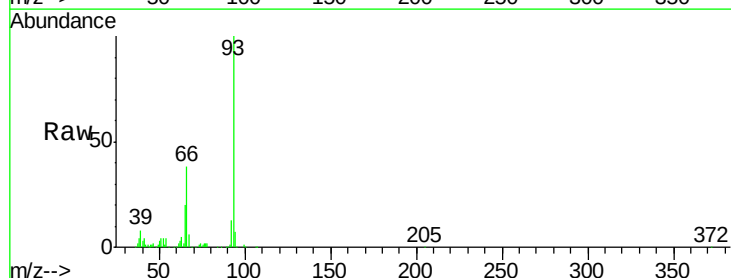
Tgt Ion: 93 Resp: 177073

Ion Ratio Lower Upper

93 100

66 37.6 29.8 44.8

65 19.8 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B

120000

100000

80000

60000

40000

20000

0

7.20

7.25

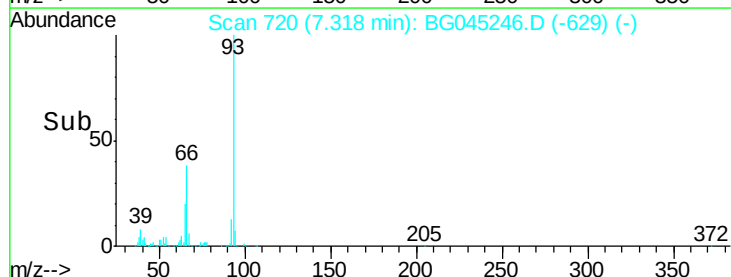
7.30

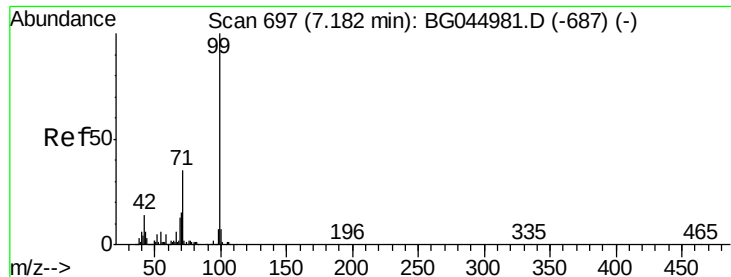
7.32

7.35

7.40

Time-->





#7

Phenol-d6

Concen: 70.387 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

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ClientSampleId :

FK-SF-03-009-AMS

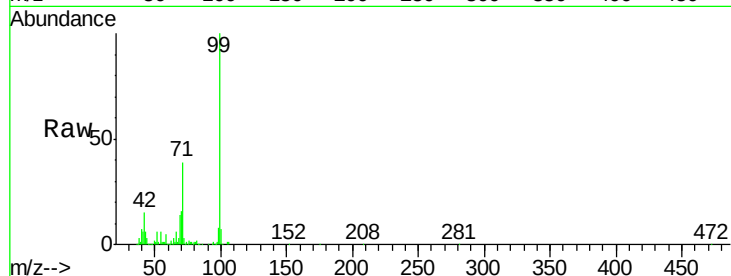
Tot Ion: 99 Resp: 583854

Ion Ratio Lower Upper

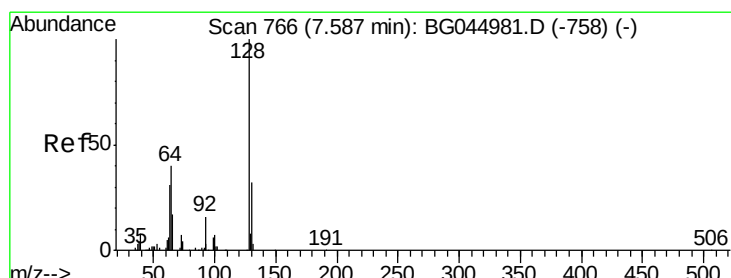
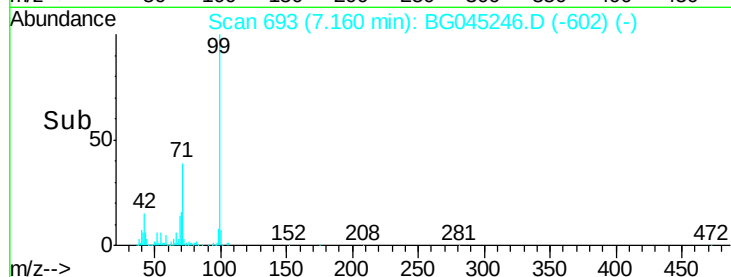
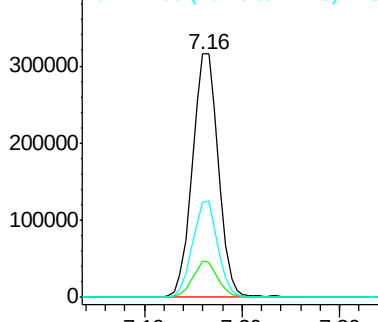
99 100

42 14.8 11.3 16.9

71 39.3 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 26.622 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

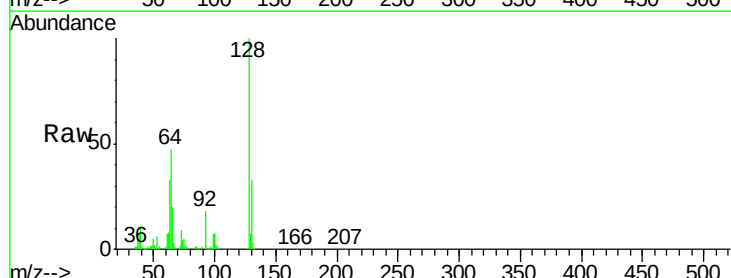
Tgt Ion: 128 Resp: 159735

Ion Ratio Lower Upper

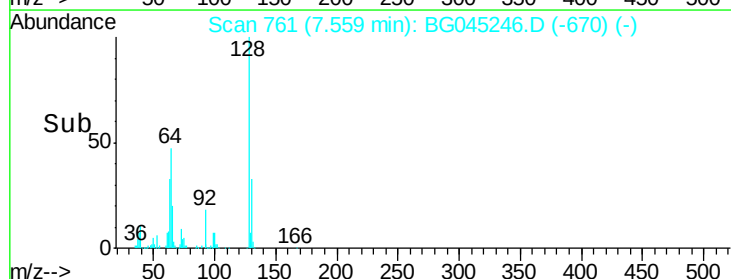
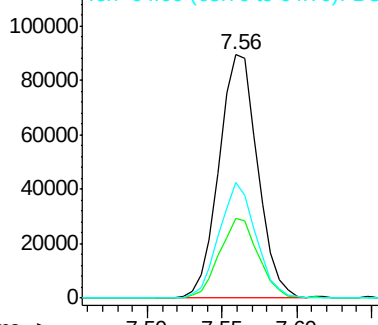
128 100

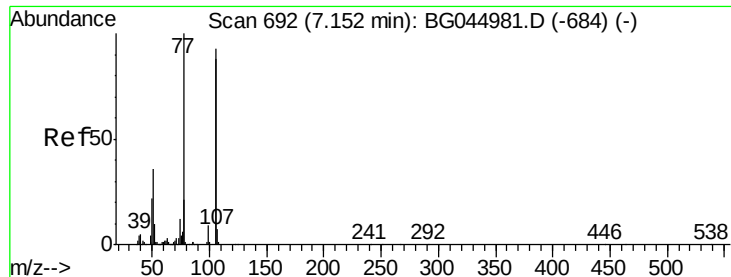
130 33.0 12.3 52.3

64 47.4 24.4 64.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.913 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

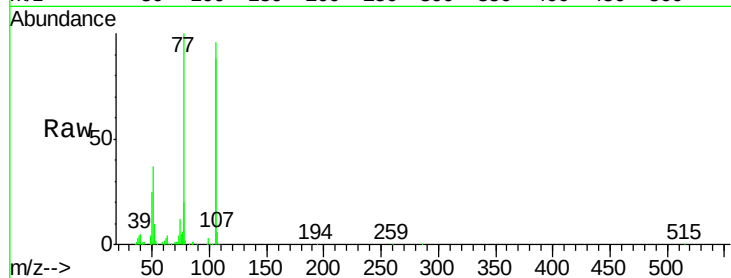
Tot Ion: 77 Resp: 132917

Ion Ratio Lower Upper

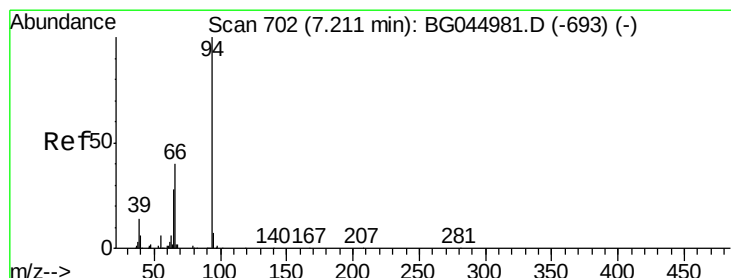
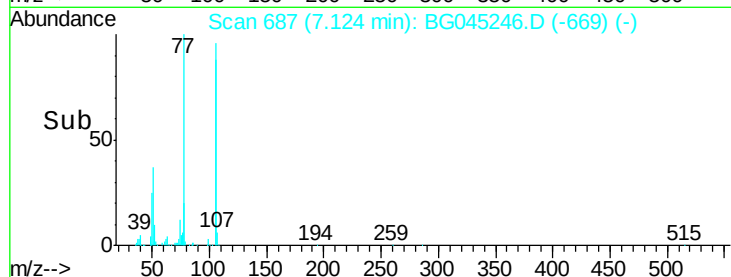
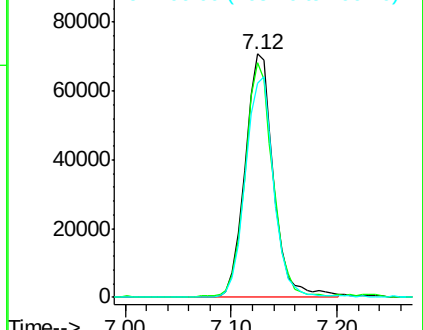
77 100

105 96.4 72.9 112.9

106 87.9 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 25.516 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

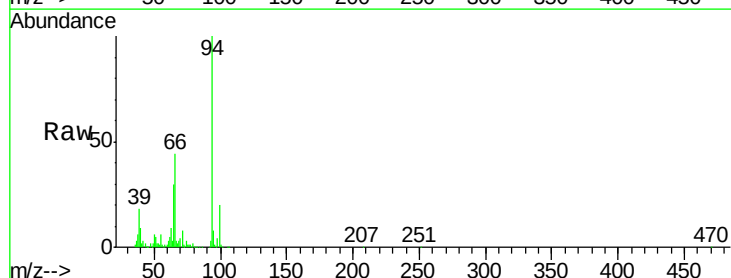
Tgt Ion: 94 Resp: 211797

Ion Ratio Lower Upper

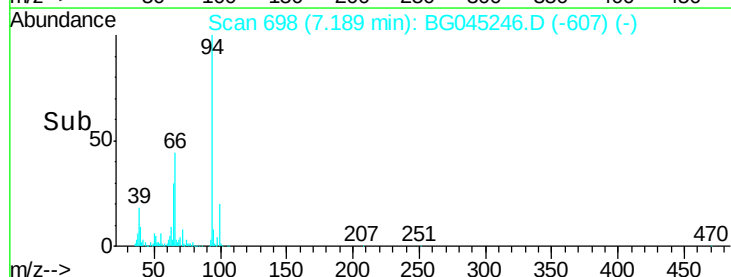
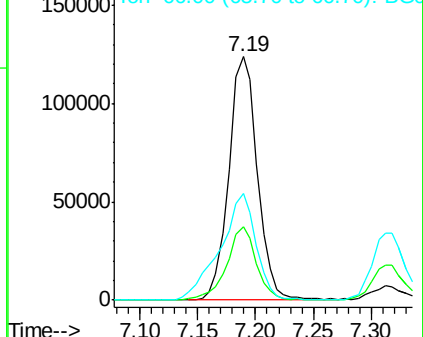
94 100

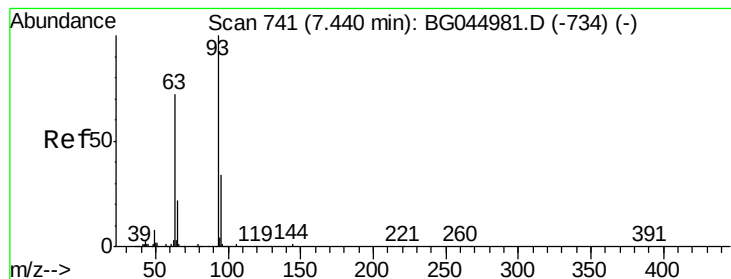
65 30.3 8.2 48.2

66 43.8 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 22.500 ng

RT: 7.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

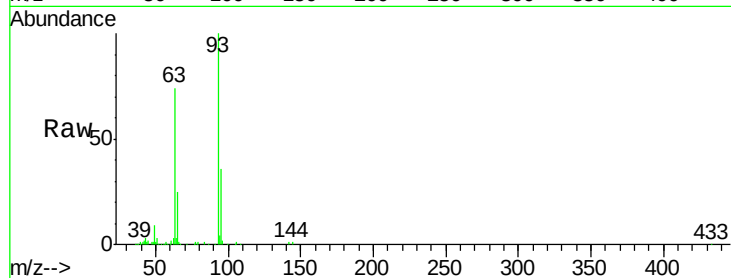
Tot Ion: 93 Resp: 148695

Ion Ratio Lower Upper

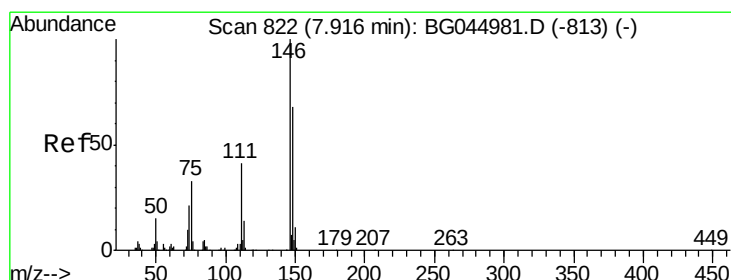
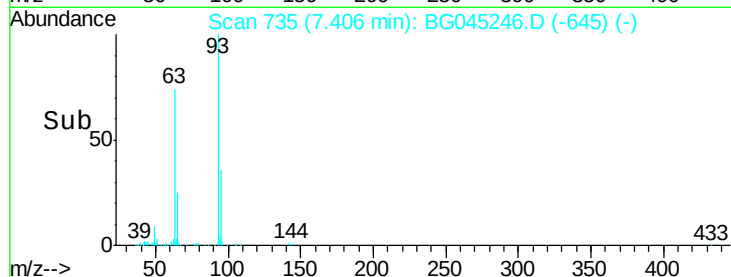
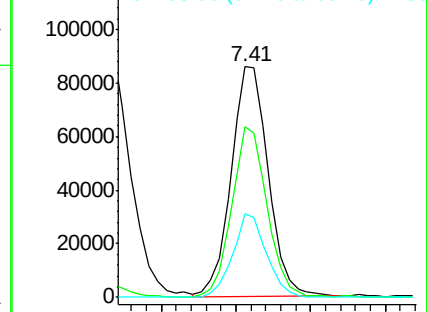
93 100

63 74.0 51.8 91.8

95 36.3 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 25.005 ng

RT: 7.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

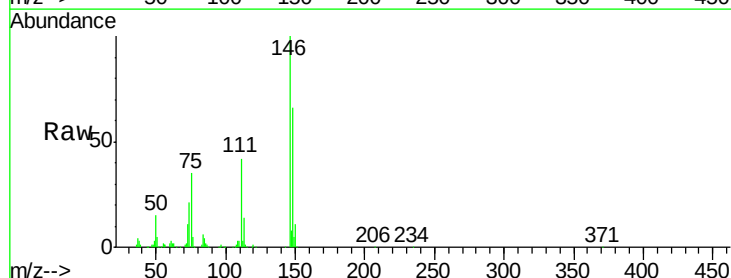
Tgt Ion: 146 Resp: 176794

Ion Ratio Lower Upper

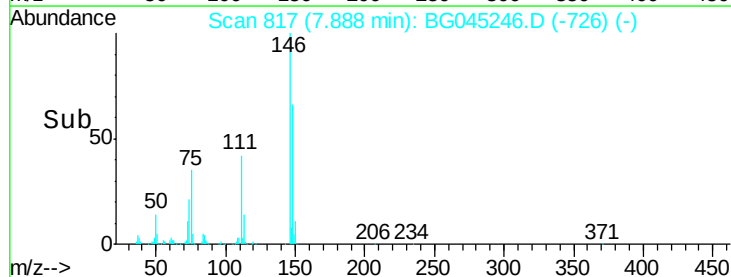
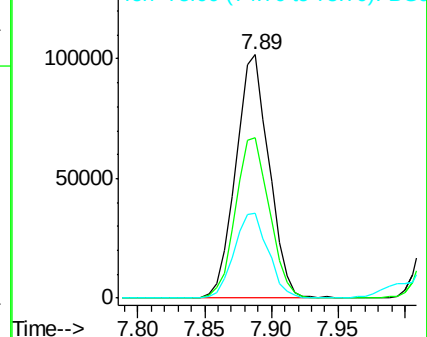
146 100

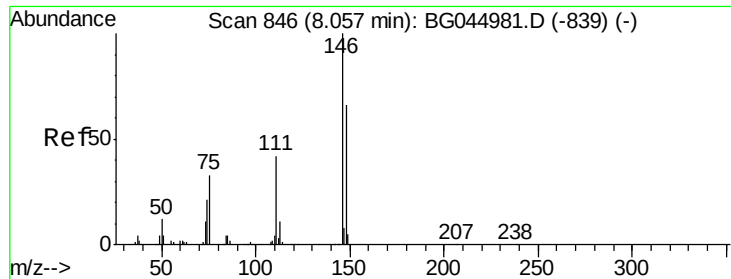
148 65.9 54.6 81.8

75 34.6 26.0 39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

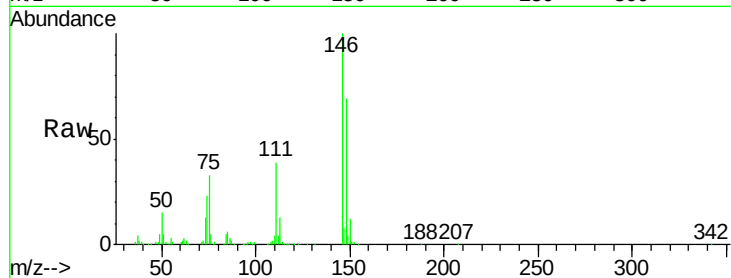




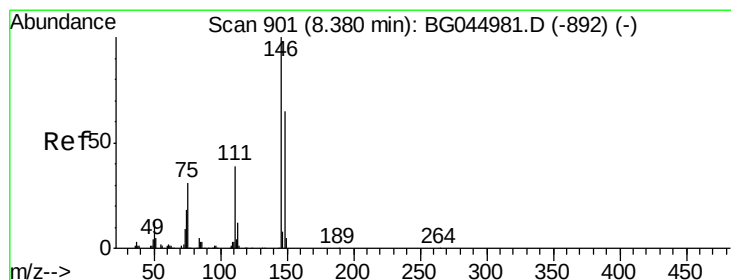
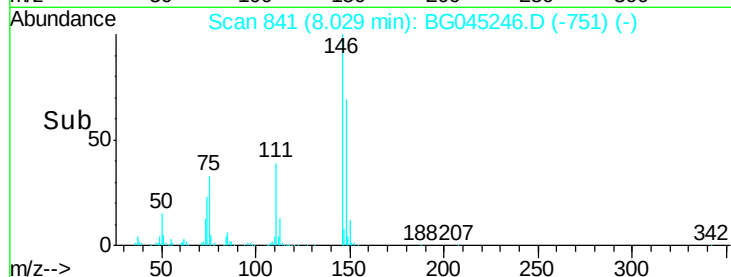
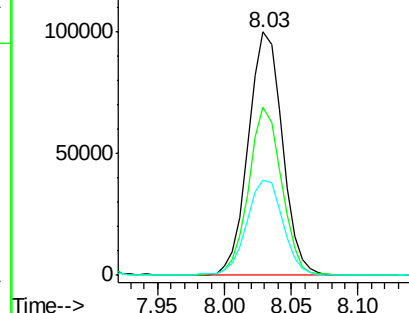
#13
 1,4-Dichlorobenzene
 Concen: 25.021 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

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

Tot Ion:146 Resp: 176281
 Ion Ratio Lower Upper
 146 100
 148 68.9 53.3 79.9
 111 39.1 33.8 50.8

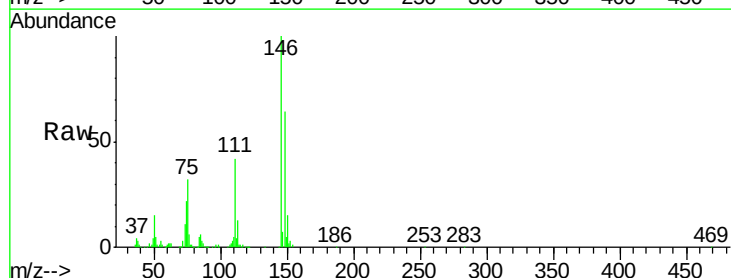


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

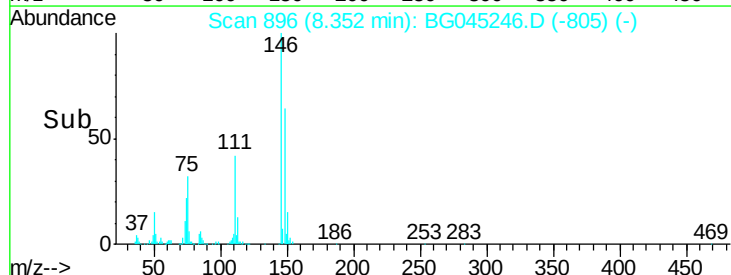
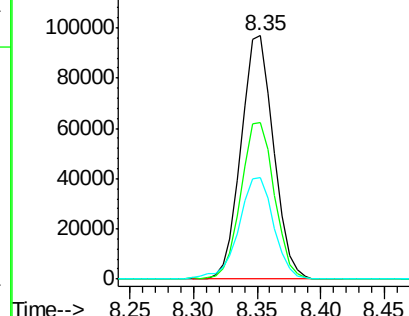


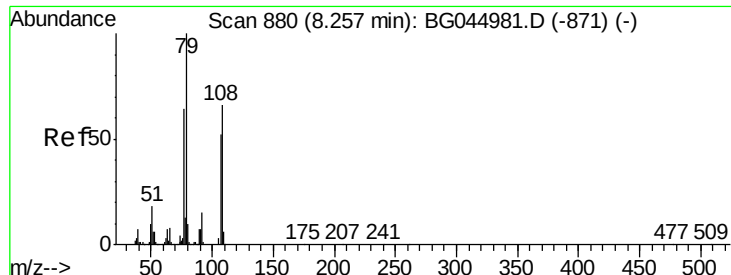
#14
 1,2-Dichlorobenzene
 Concen: 25.542 ng
 RT: 8.35 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion:146 Resp: 172155
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 41.9 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: 22.587 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

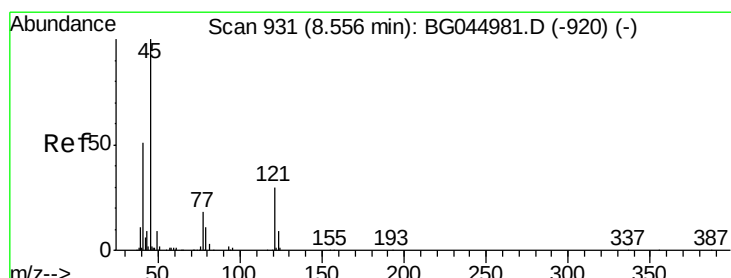
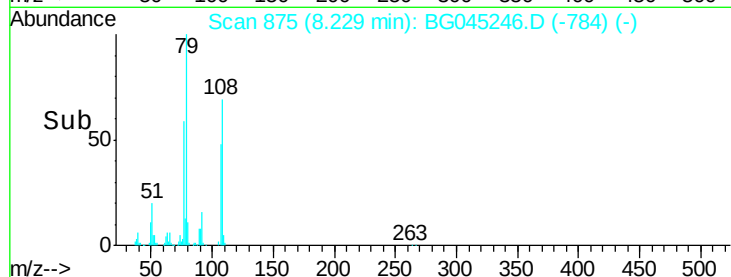
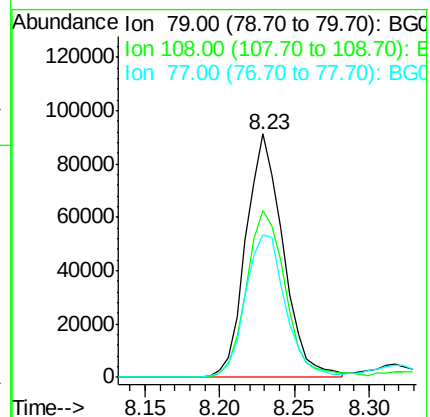
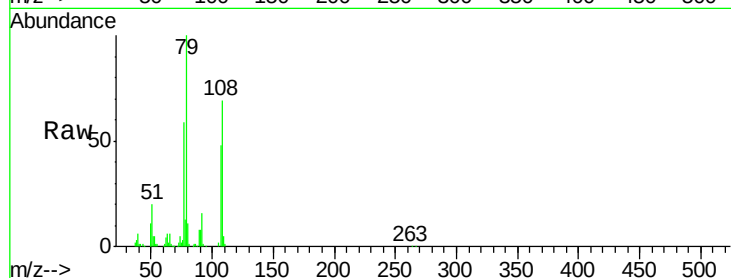
Tot Ion: 79 Resp: 157086

Ion Ratio Lower Upper

79 100

108 68.7 52.7 79.1

77 58.7 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.653 ng

RT: 8.52 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

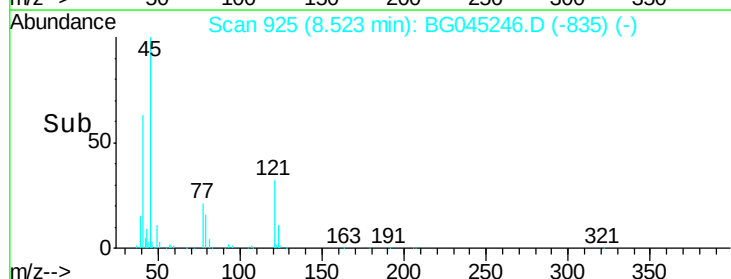
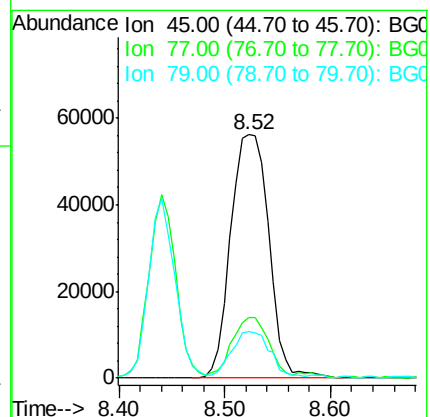
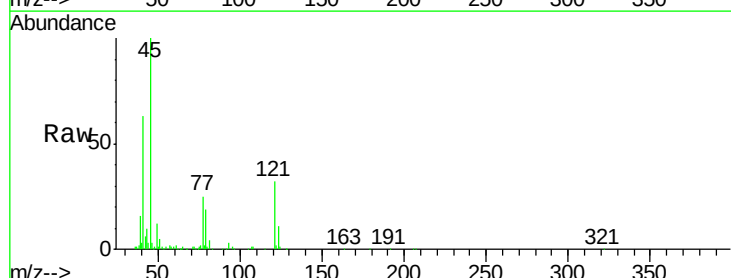
Tgt Ion: 45 Resp: 140470

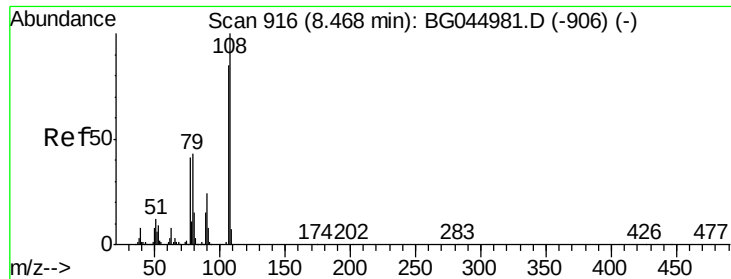
Ion Ratio Lower Upper

45 100

77 24.8 1.9 41.9

79 18.9 0.0 35.5





#17

2-Methylphenol

Concen: 22.596 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:107 Resp: 144714

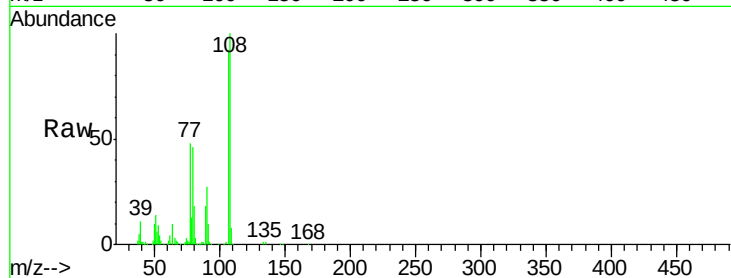
Ion Ratio Lower Upper

107 100

108 109.1 93.8 140.6

77 51.8 38.5 57.7

79 50.7 40.1 60.1

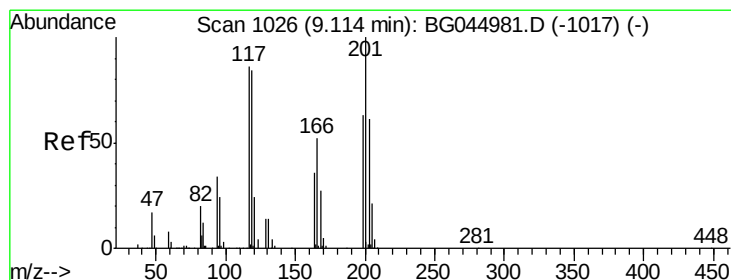
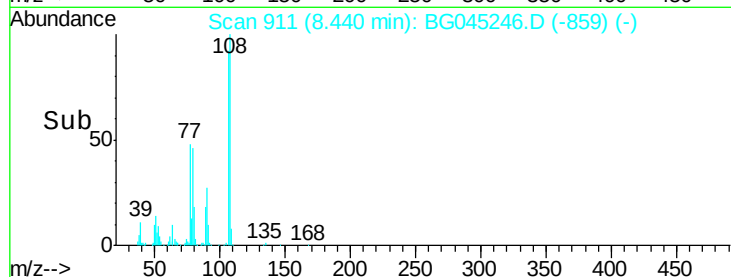
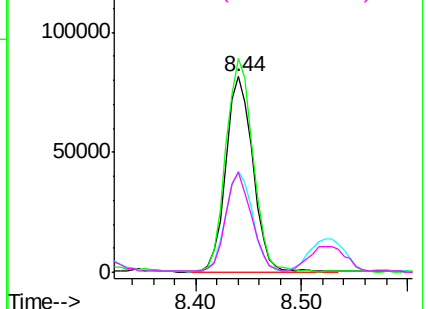


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.263 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

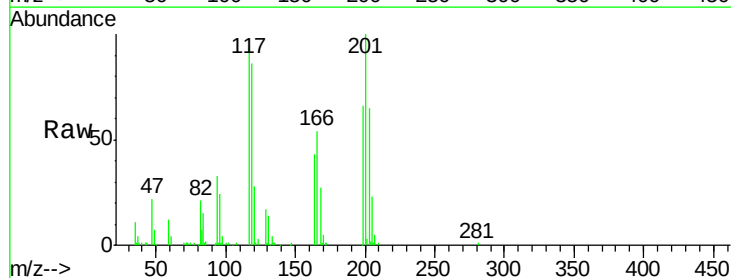
Tgt Ion:117 Resp: 64262

Ion Ratio Lower Upper

117 100

119 91.7 78.3 117.5

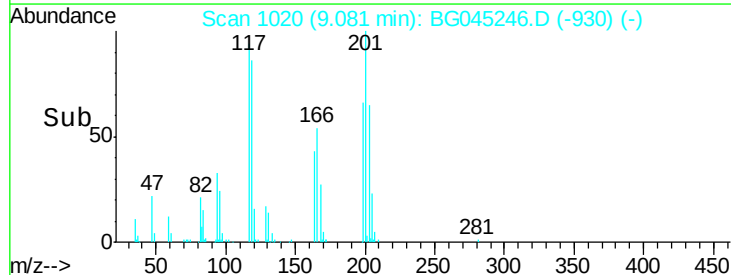
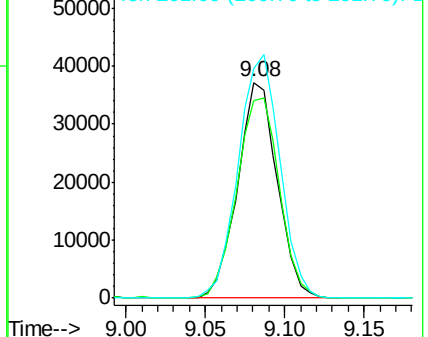
201 106.4 92.9 139.3

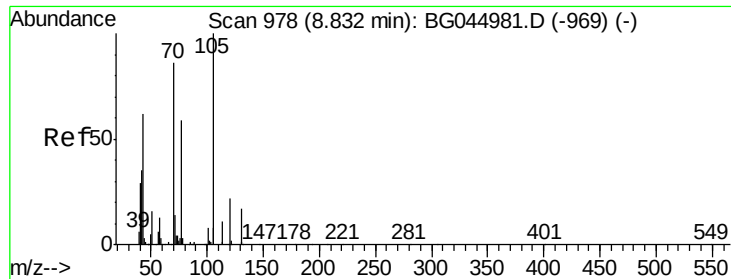


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

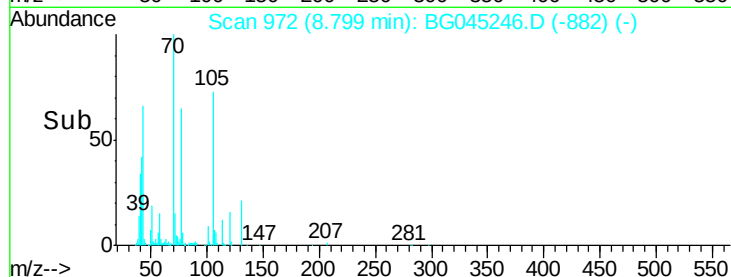
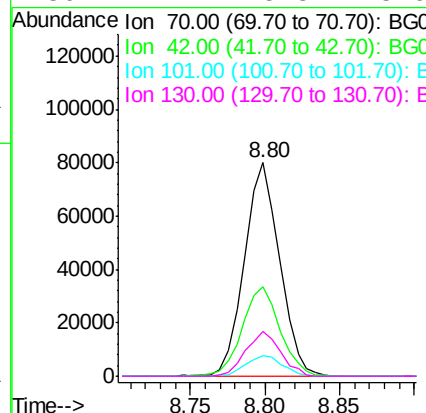
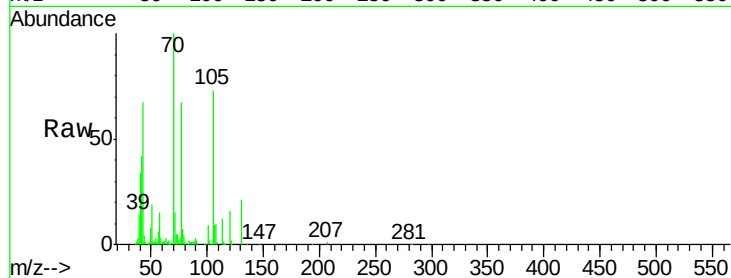




#19
n-Nitroso-di-n-propylamine
Concen: 22.275 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

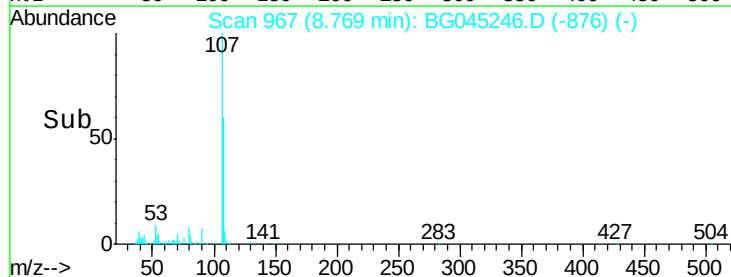
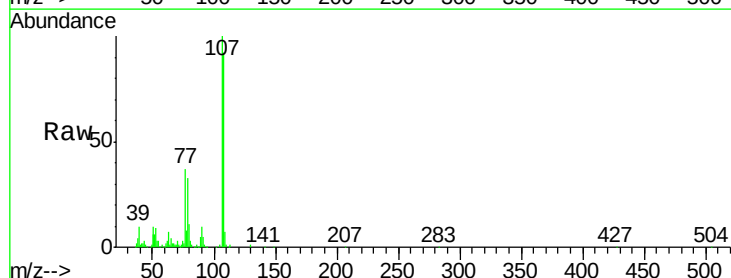
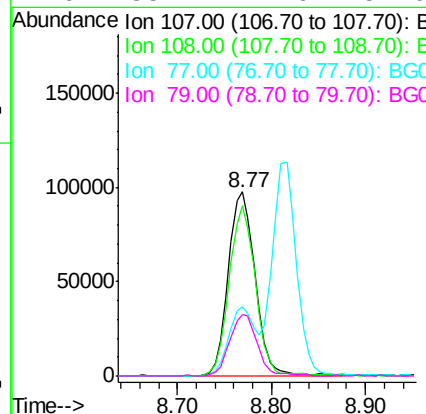
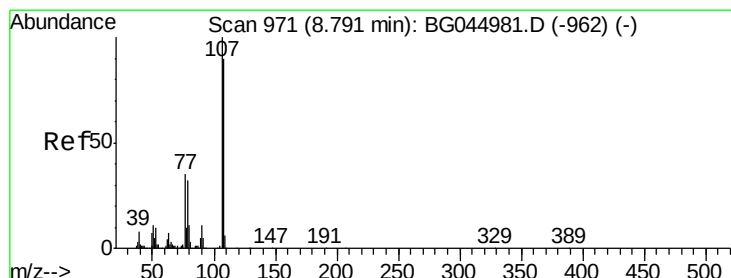
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

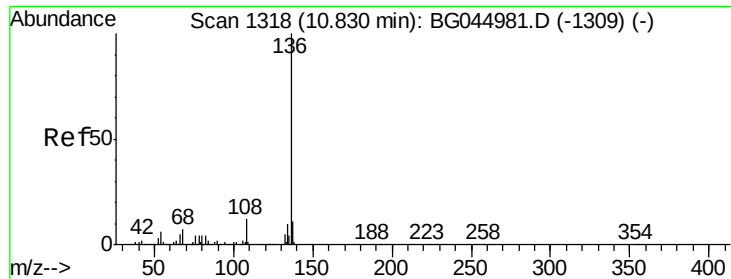
Tot Ion:	70	Resp:	130669
Ion	Ratio	Lower	Upper
70	100		
42	41.9	33.3	49.9
101	9.4	7.8	11.8
130	21.2	15.8	23.6



#20
3+4-Methylphenols
Concen: 21.800 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion:	107	Resp:	195417
Ion	Ratio	Lower	Upper
107	100		
108	92.3	69.9	109.9
77	37.5	15.2	55.2
79	33.1	11.6	51.6

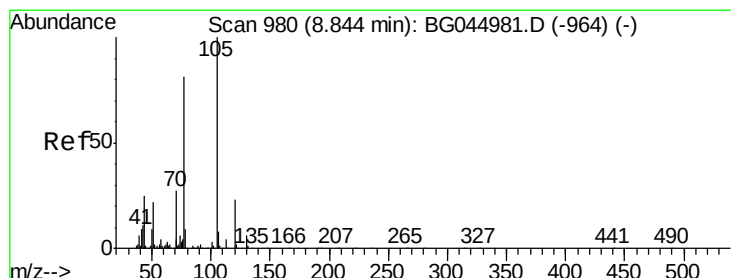
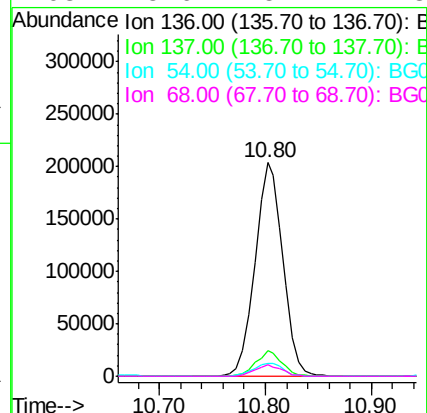
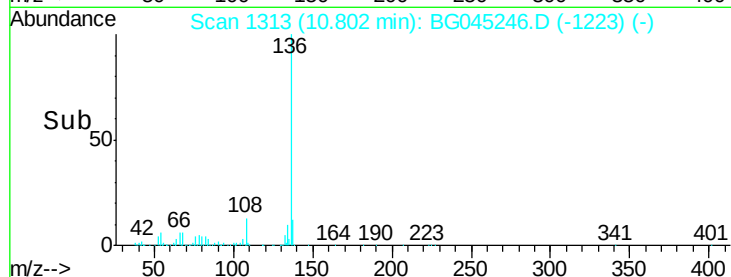
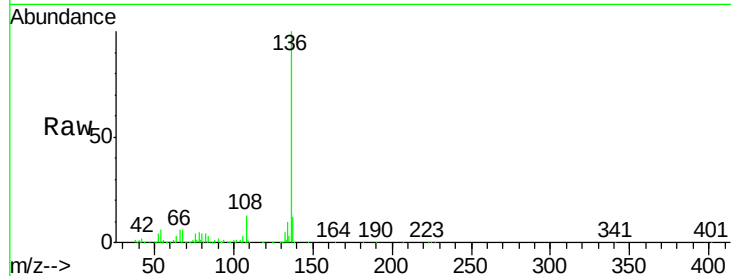




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

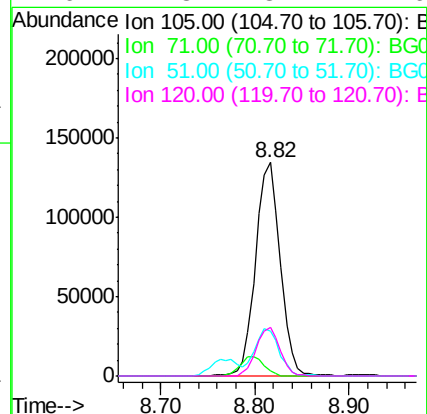
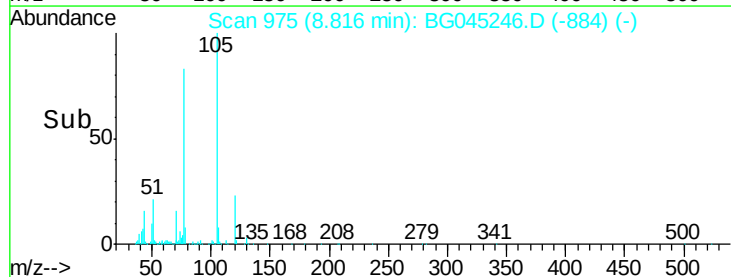
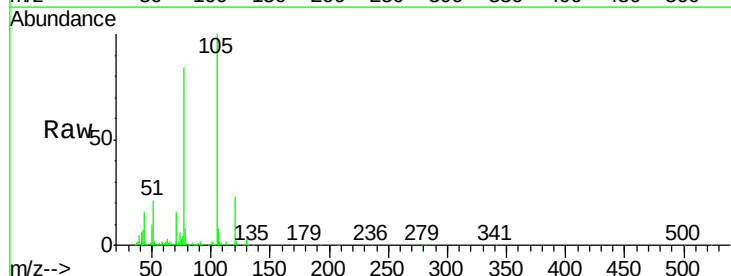
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

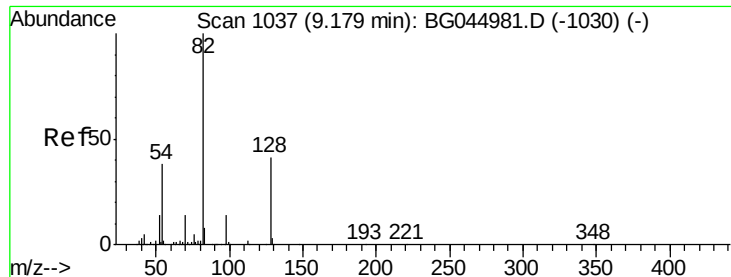
Tot Ion:136	Resp:	371908
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.6	13.0
54 6.0	4.8	7.2
68 5.6	5.2	7.8



#22
Acetophenone
Concen: 24.505 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt	Ion:105	Resp:	246451
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.3	4.9#
51	21.2	17.3	25.9
120	22.8	18.4	27.6

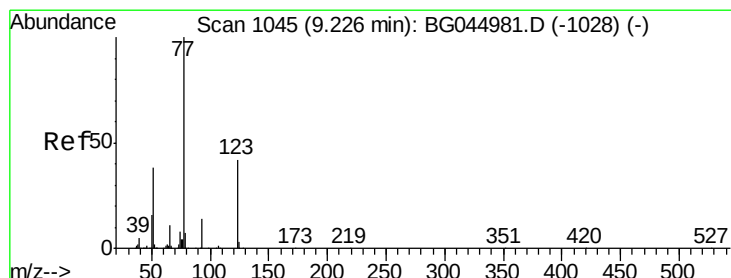
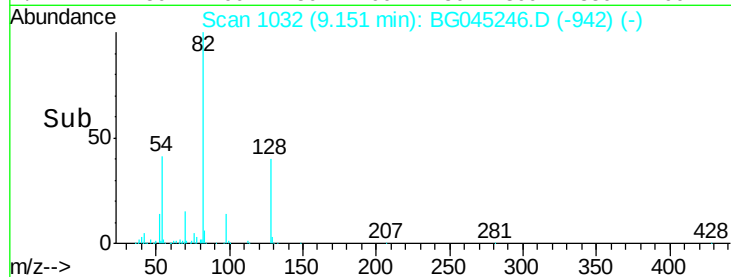
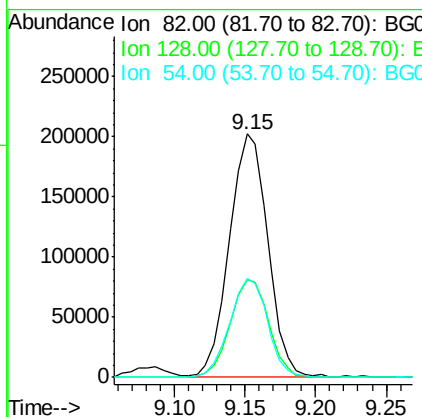
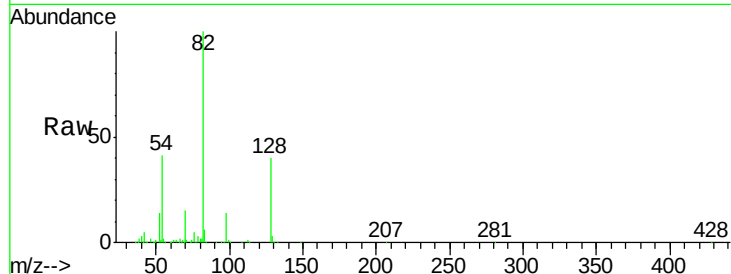




#23
 Nitrobenzene-d5
 Concen: 46.881 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

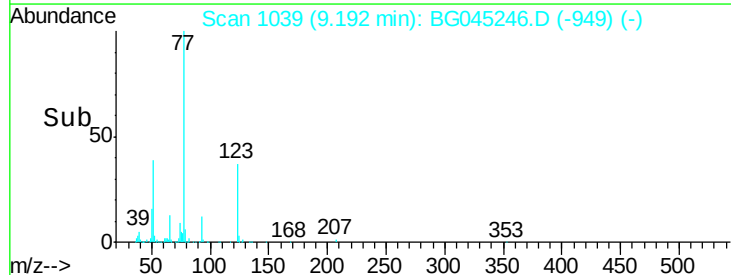
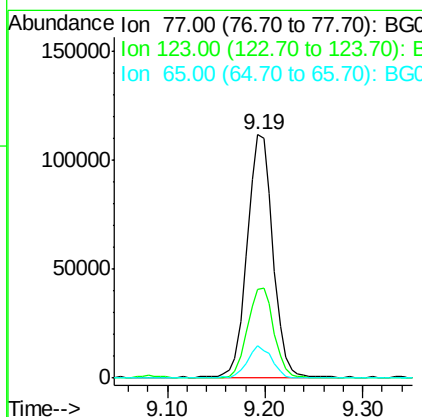
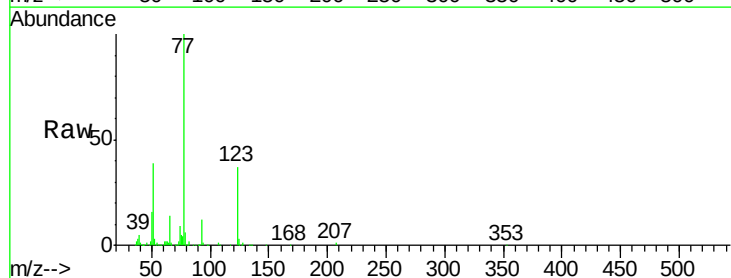
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

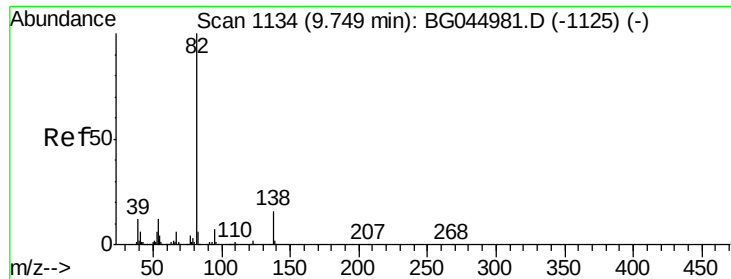
Tot Ion	82	Resp	382115
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.4
54	40.6	30.4	45.6



#24
 Nitrobenzene
 Concen: 24.623 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	77	Resp	205724
Ion Ratio	Lower	Upper	
77	100		
123	36.7	34.3	51.5
65	13.5	8.9	13.3#





#25

Isophorone

Concen: 22.465 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

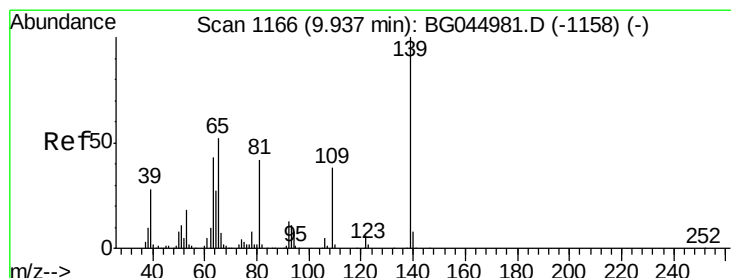
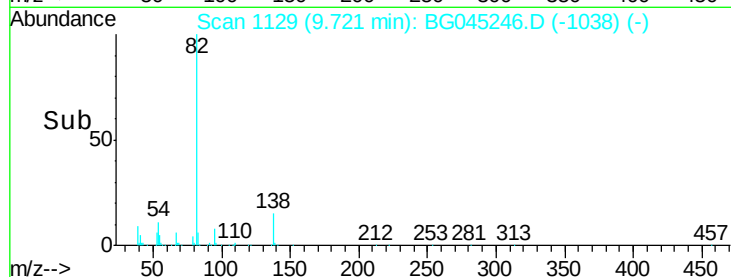
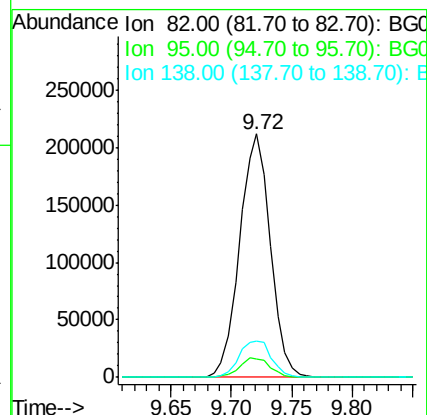
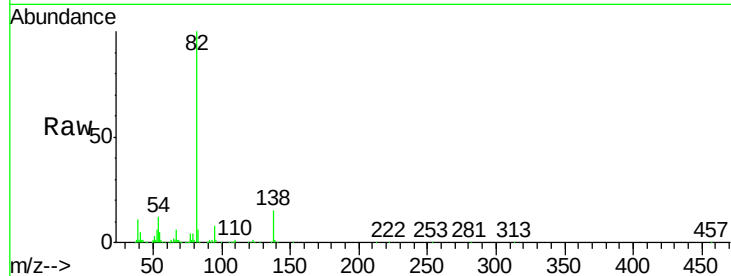
Tot Ion: 82 Resp: 374975

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 15.0 12.7 19.1



#26

2-Nitrophenol

Concen: 25.111 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

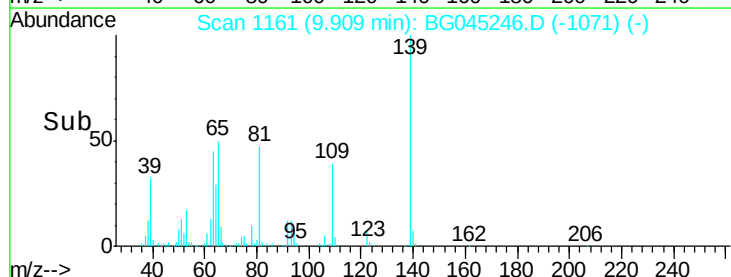
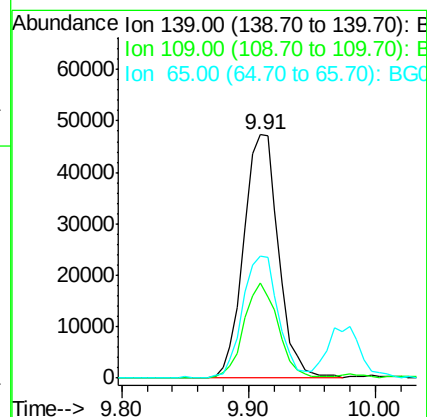
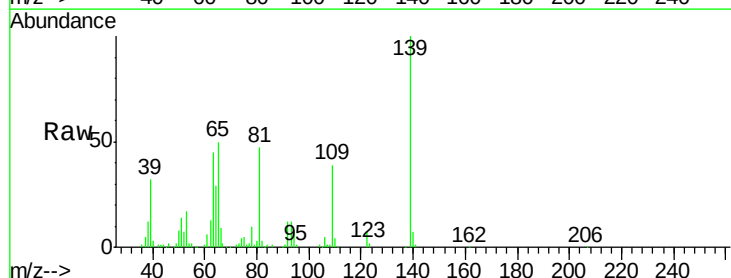
Tgt Ion: 139 Resp: 90370

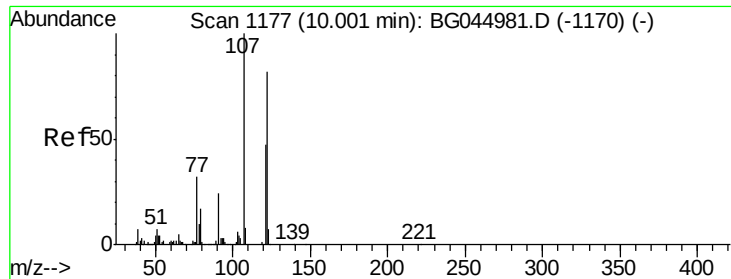
Ion Ratio Lower Upper

139 100

109 39.0 30.6 45.8

65 50.0 41.8 62.6

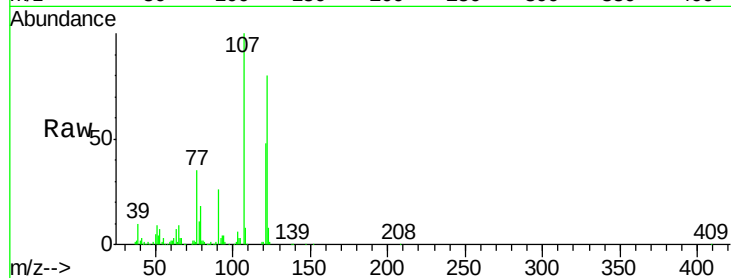




#27
 2,4-Dimethylphenol
 Concen: 26.010 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.2	96.8	145.2
121	59.0	45.6	68.4

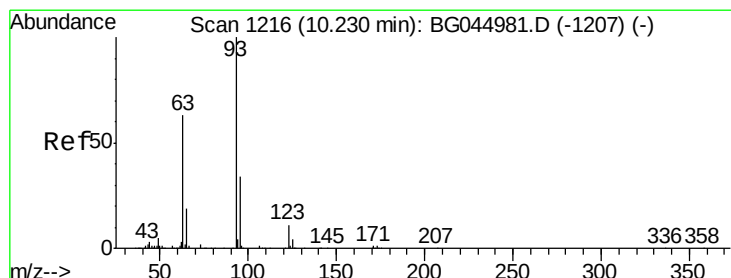
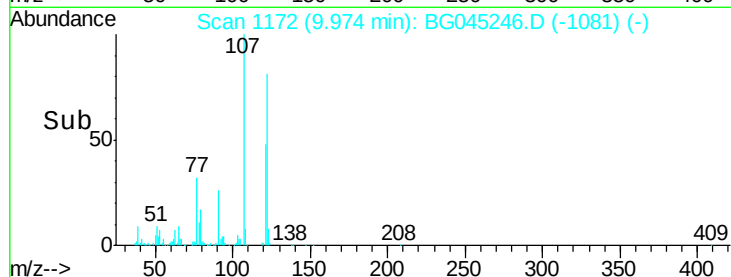
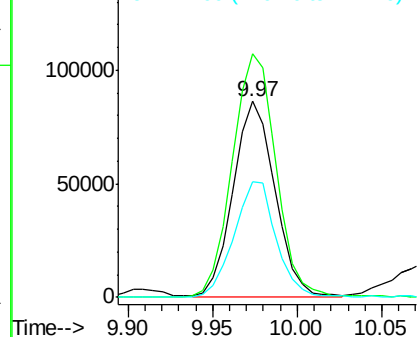


Abundance

Ion 122.00 (121.70 to 122.70): E

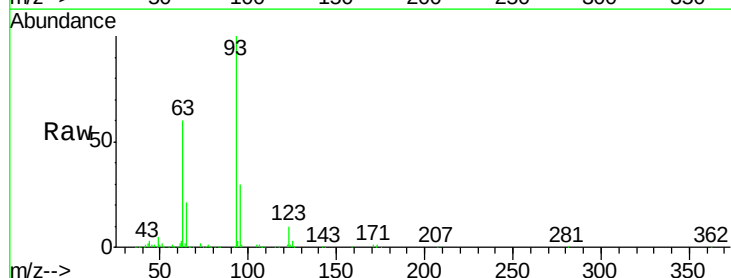
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.595 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	27.0	40.4
123	10.1	8.7	13.1

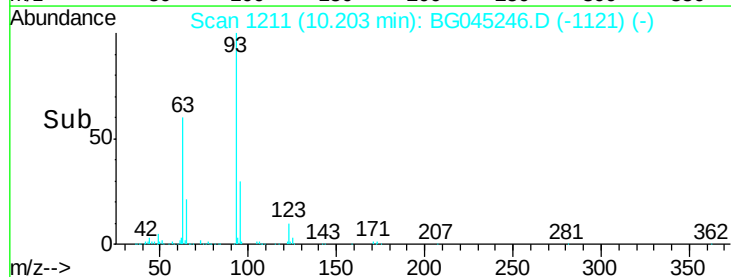
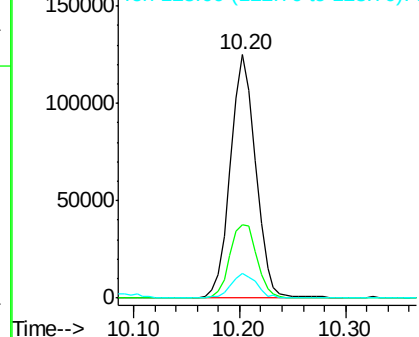


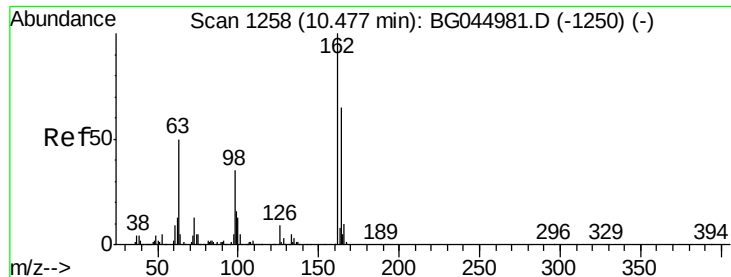
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

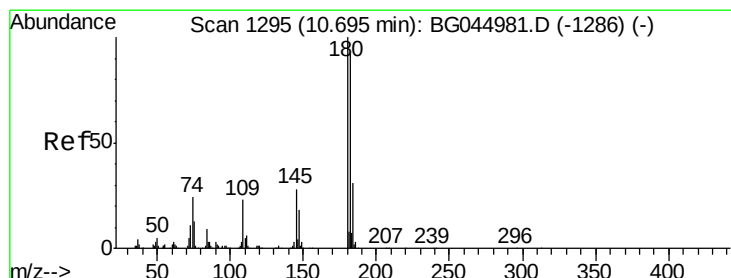
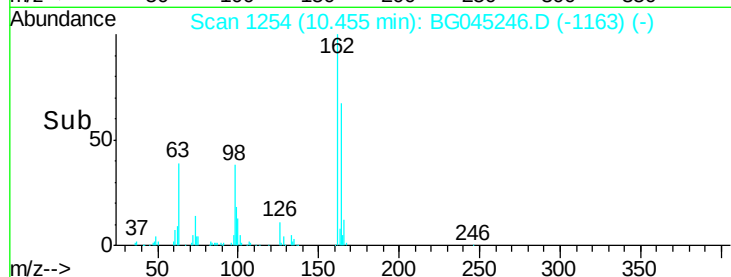
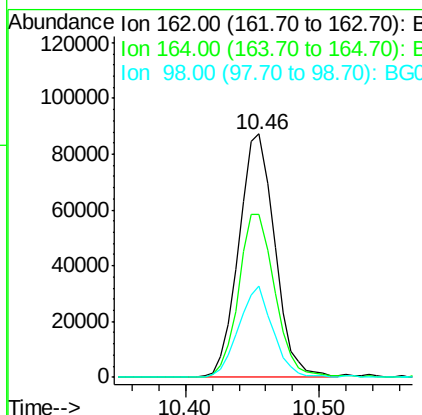
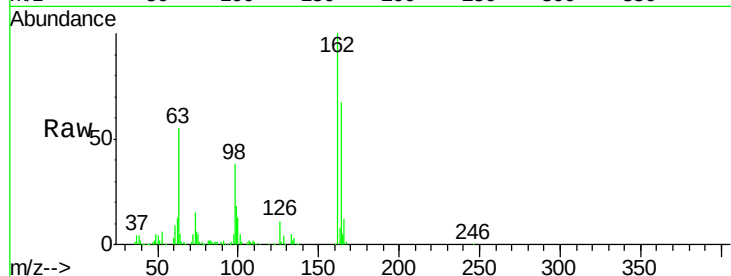




#29
 2,4-Dichlorophenol
 Concen: 24.720 ng
 RT: 10.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

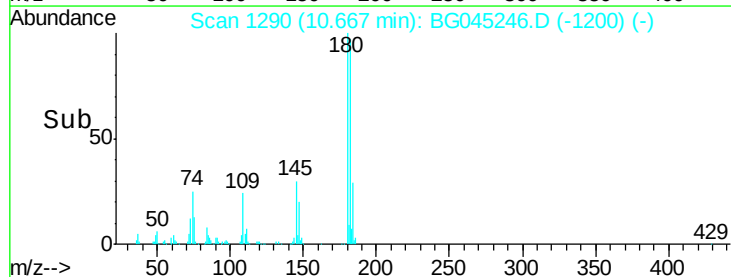
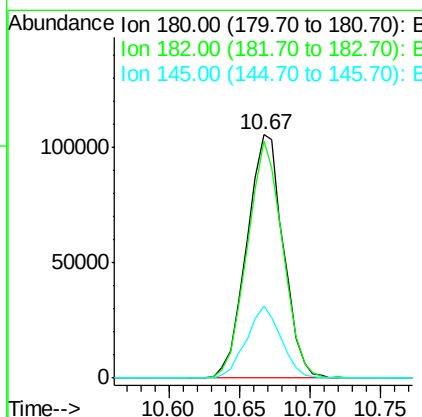
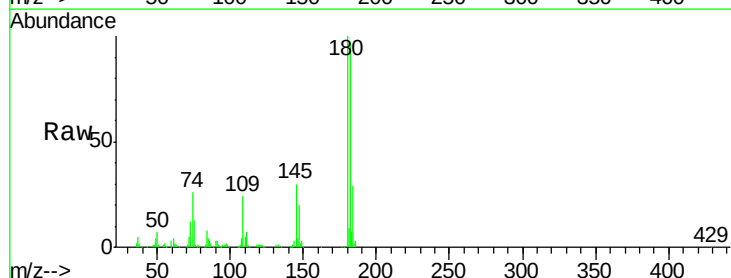
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

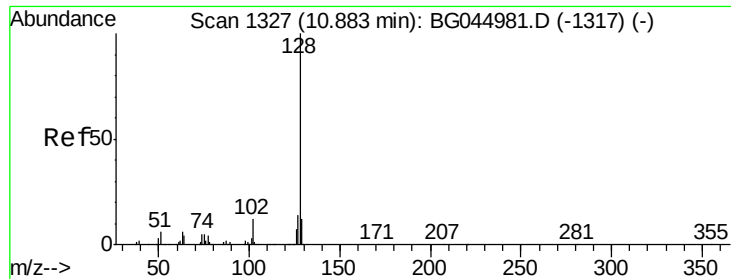
Tot Ion:162	Resp:	162991
Ion Ratio	Lower	Upper
162	100	
164	66.9	45.0 85.0
98	37.7	15.2 55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 25.769 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion:180	Resp:	192371
Ion Ratio	Lower	Upper
180	100	
182	97.4	73.3 109.9
145	29.5	22.6 33.8

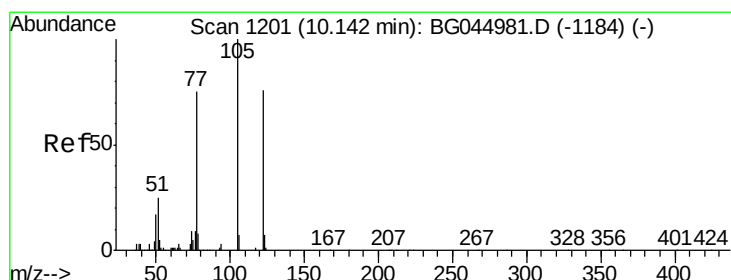
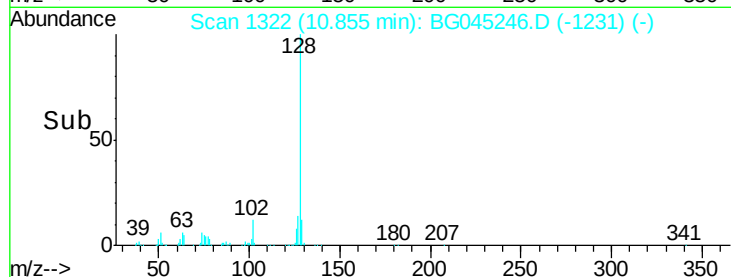
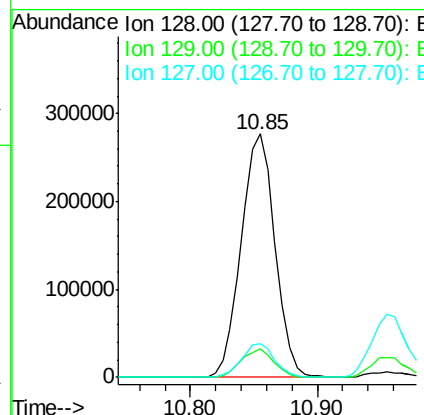
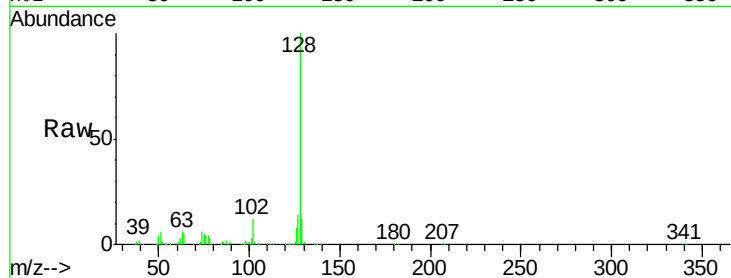




#31
Naphthalene
Concen: 25.159 ng
RT: 10.85 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

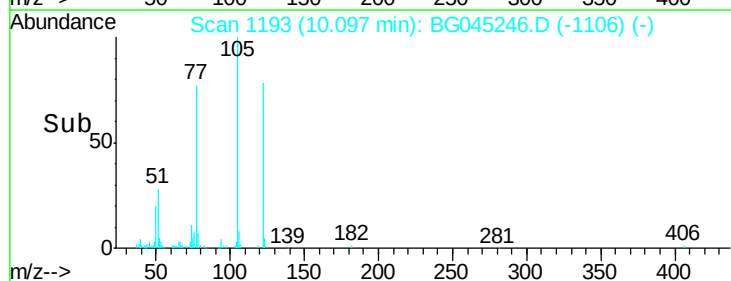
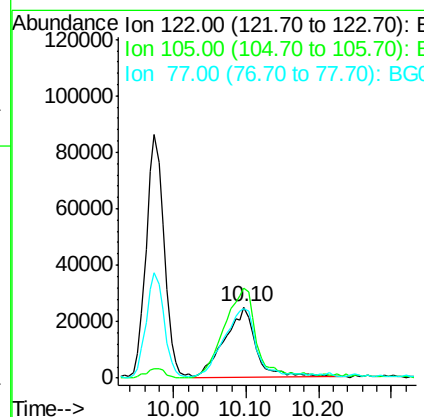
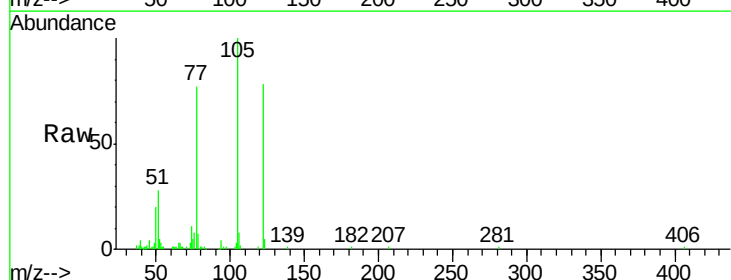
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

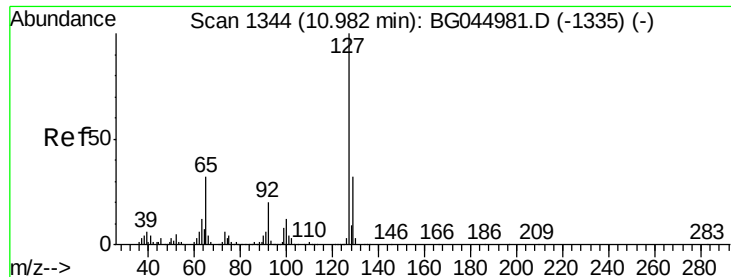
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.8	10.8	16.2



#32
Benzoic acid
Concen: 20.230 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	108.4	148.4
77	98.6	78.8	118.8

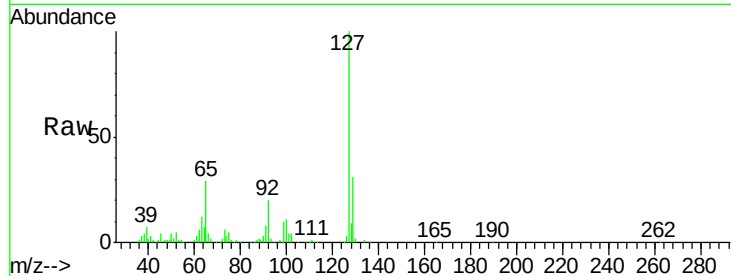




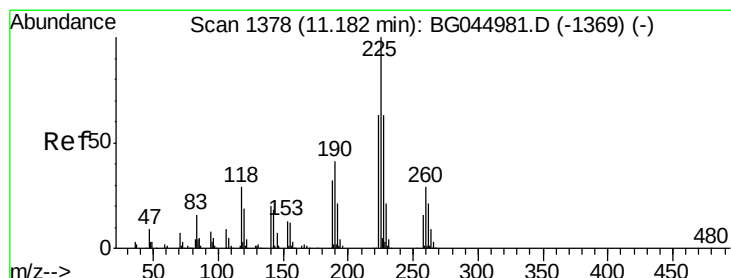
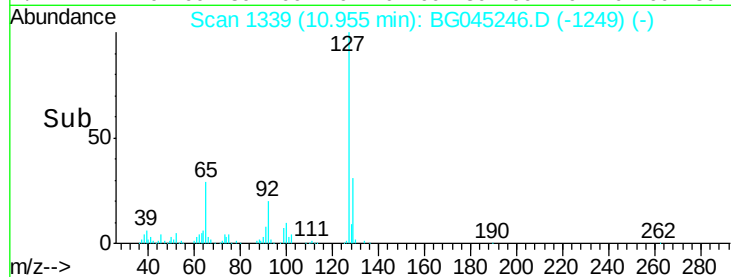
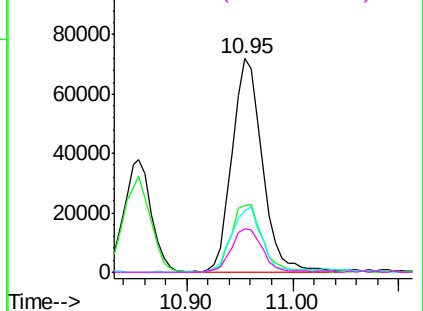
#33
 4-Chloroaniline
 Concen: 14.908 ng
 RT: 10.95 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

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

Tot Ion:	127	Resp:	141449
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.7	38.5
65	29.0	25.4	38.2
92	20.2	16.1	24.1

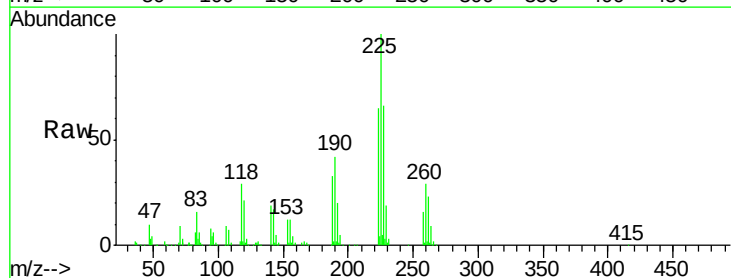


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGO
 Ion 92.00 (91.70 to 92.70): BGO

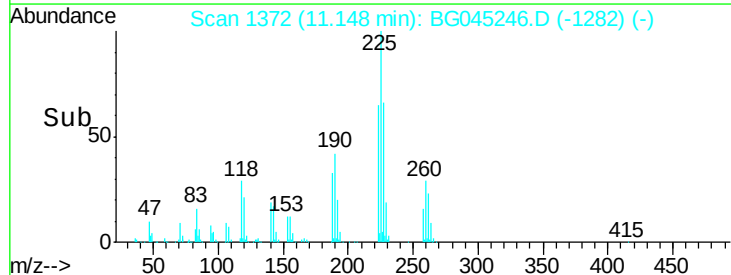
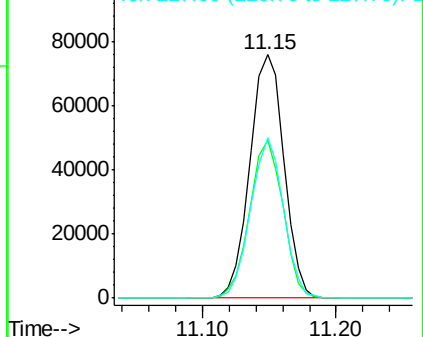


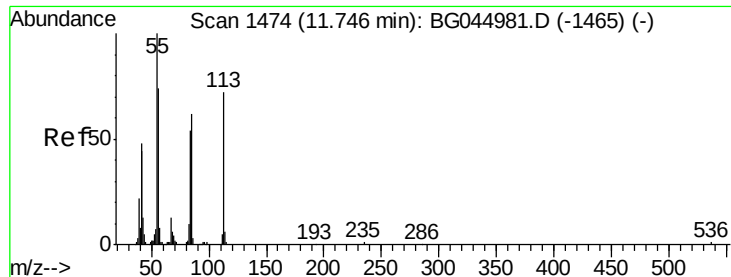
#34
 Hexachlorobutadiene
 Concen: 26.145 ng
 RT: 11.15 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion:	225	Resp:	133821
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.7	76.1
227	65.8	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: 19.365 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

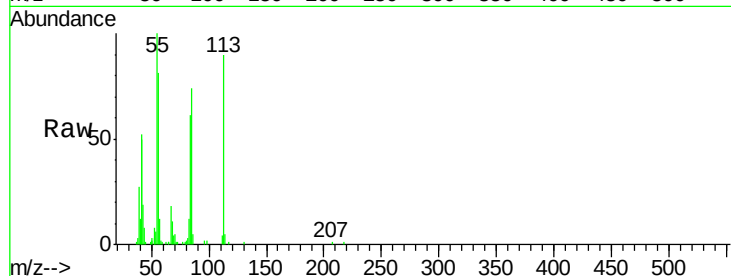
Tot Ion:113 Resp: 50818

Ion Ratio Lower Upper

113 100

55 111.7 118.8 158.8#

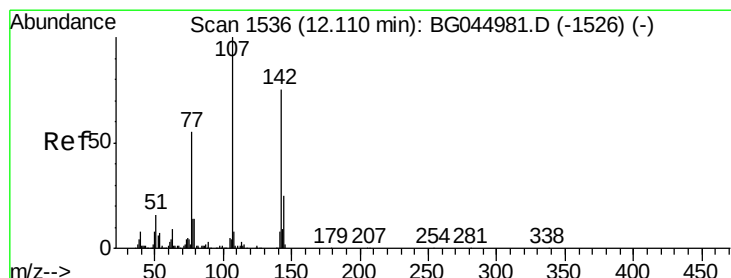
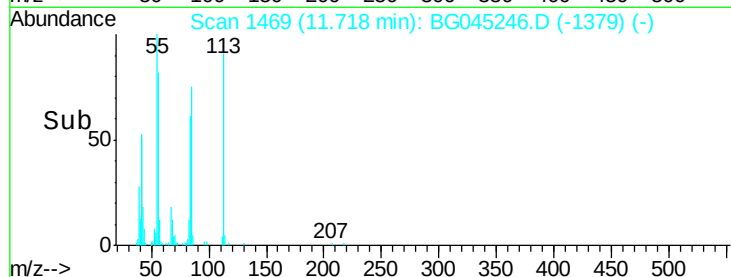
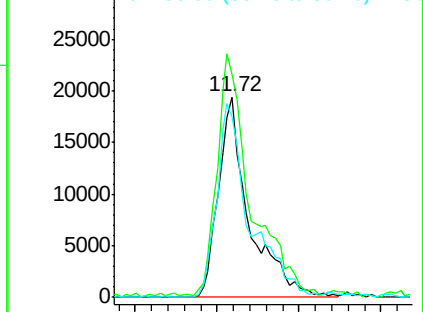
56 90.2 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 23.269 ng

RT: 12.09 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

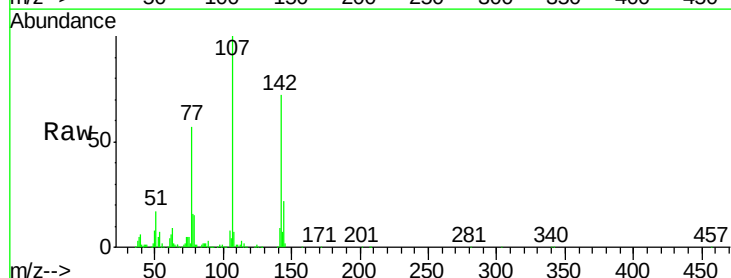
Tgt Ion:107 Resp: 180234

Ion Ratio Lower Upper

107 100

144 22.1 19.8 29.6

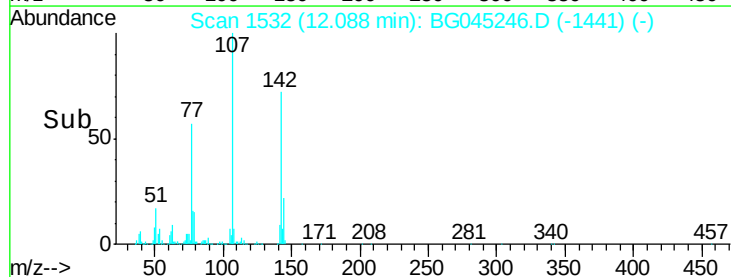
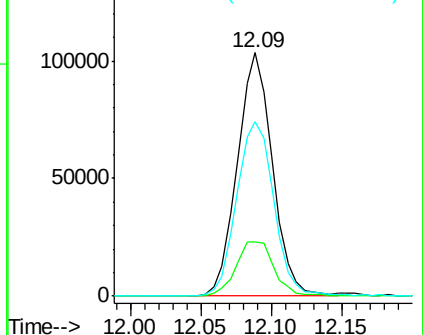
142 71.8 59.7 89.5

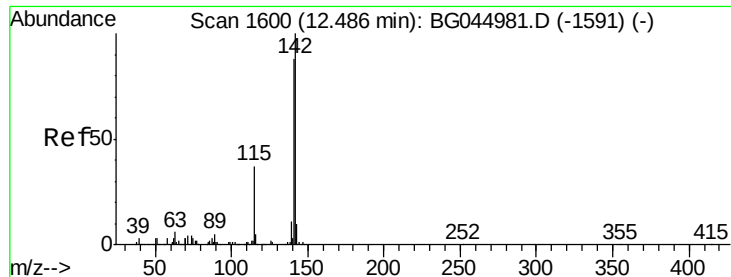


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

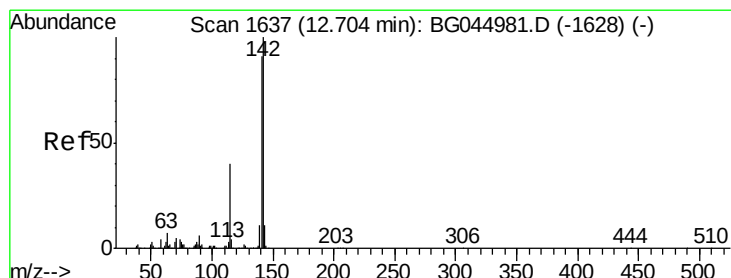
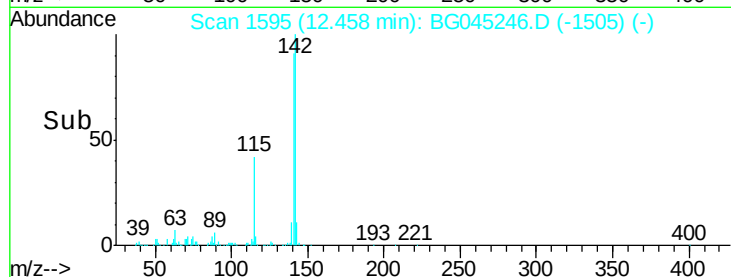
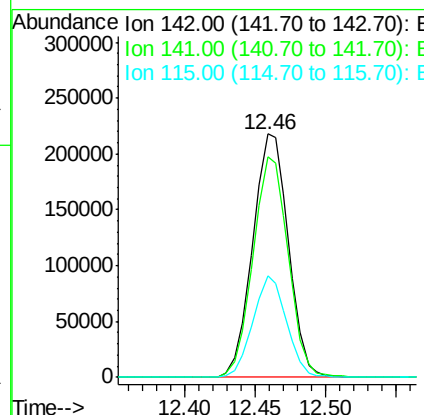
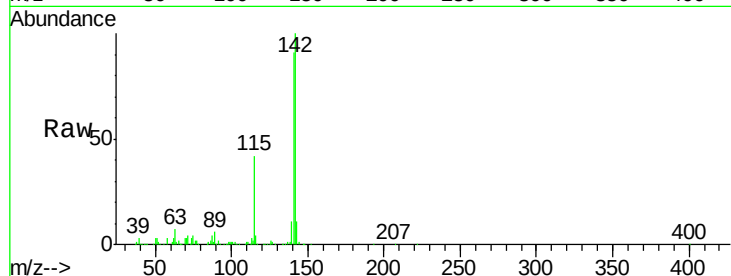




#37
 2-Methylnaphthalene
 Concen: 24.491 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

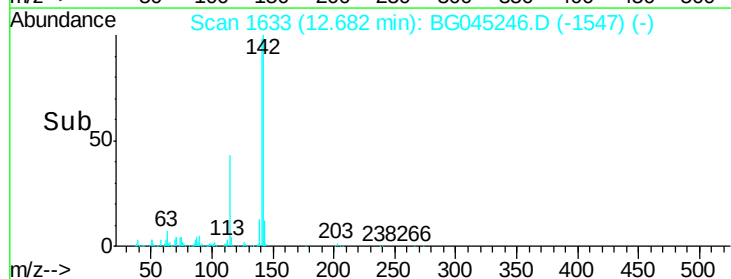
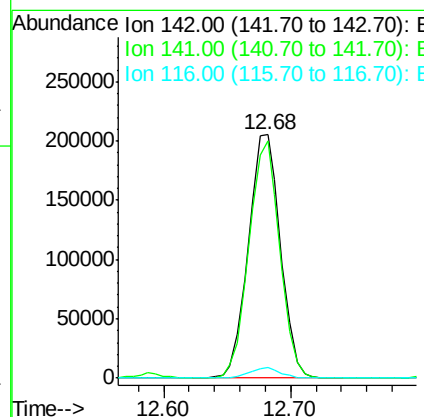
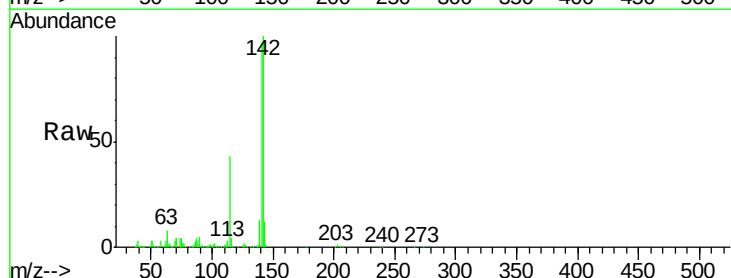
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

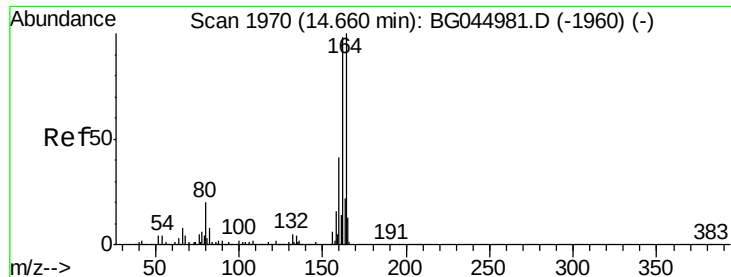
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.3	105.5
115	41.6	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 24.115 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.4	72.7	109.1
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

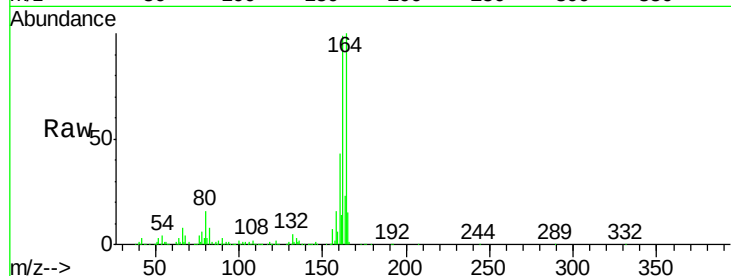
Tot Ion:164 Resp: 248076

Ion Ratio Lower Upper

164 100

162 98.7 78.7 118.1

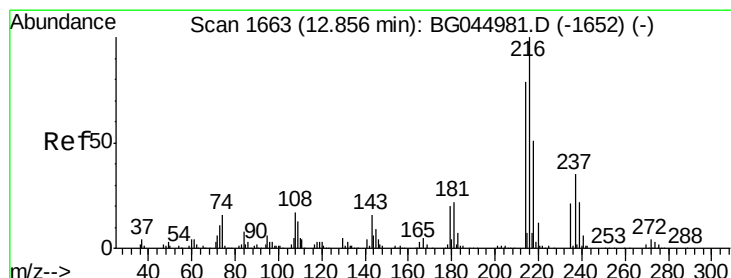
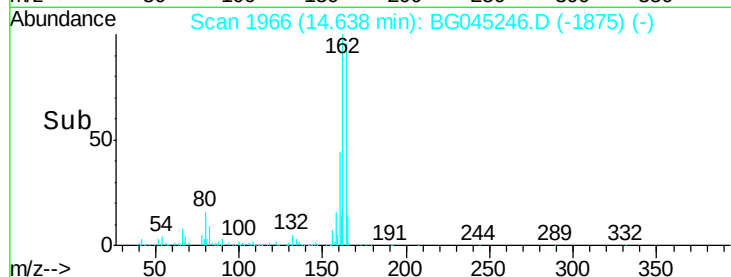
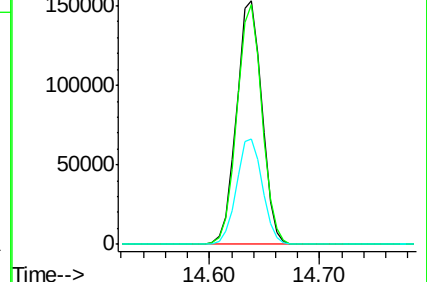
160 43.0 32.8 49.2



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: 27.872 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Tgt Ion:216 Resp: 222624

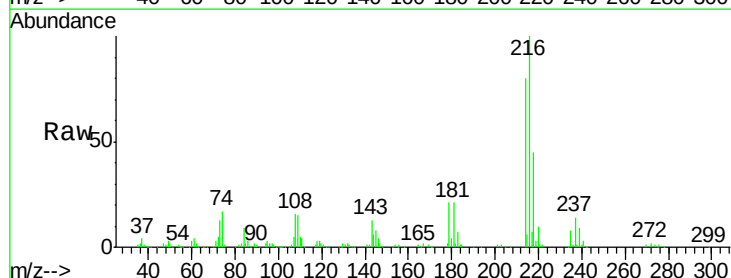
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 20.7 15.8 23.8

108 16.5 14.2 21.2

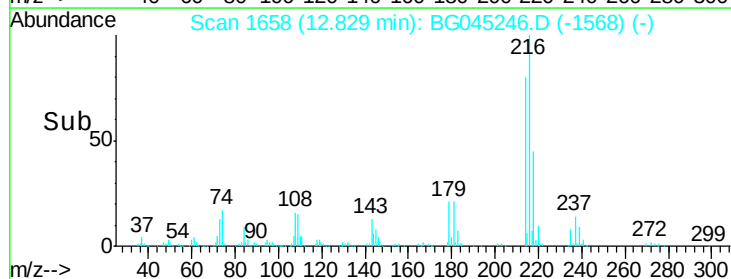
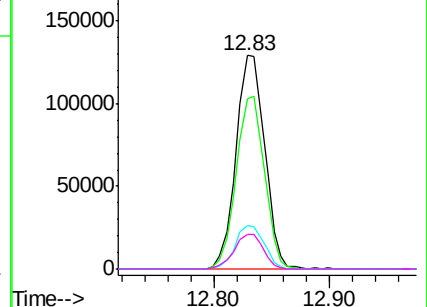


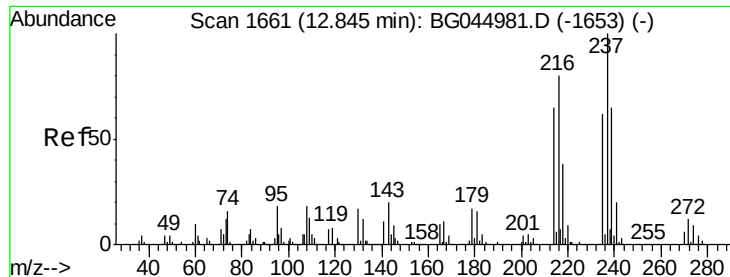
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.686 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

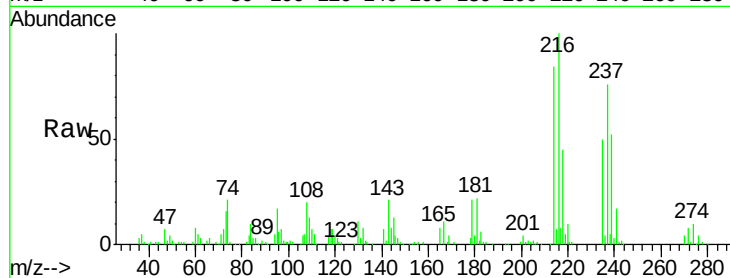
Tot Ion:237 Resp: 63334

Ion Ratio Lower Upper

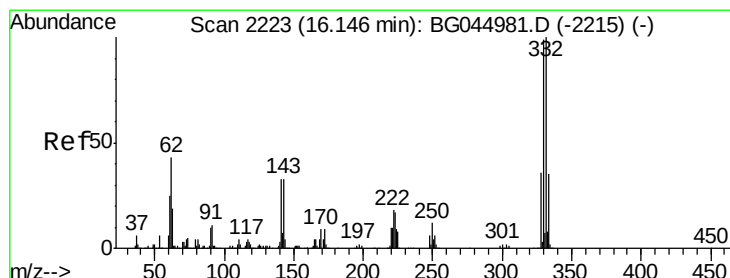
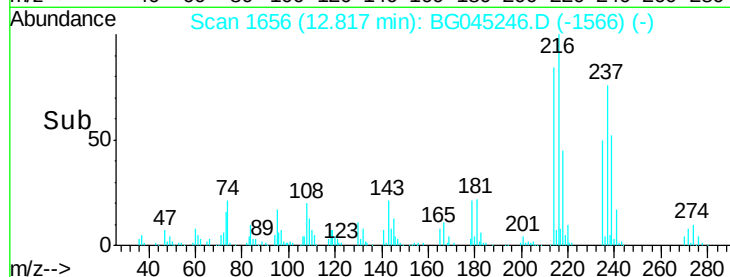
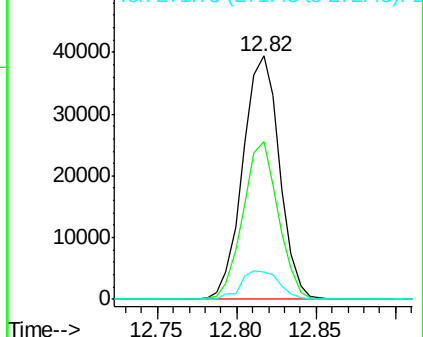
237 100

235 65.0 41.6 81.6

272 11.0 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: 66.377 ng

RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

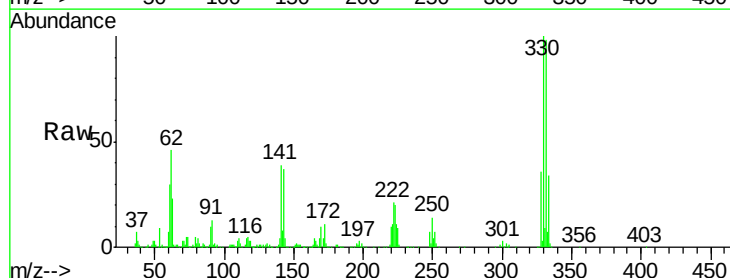
Tgt Ion:330 Resp: 254388

Ion Ratio Lower Upper

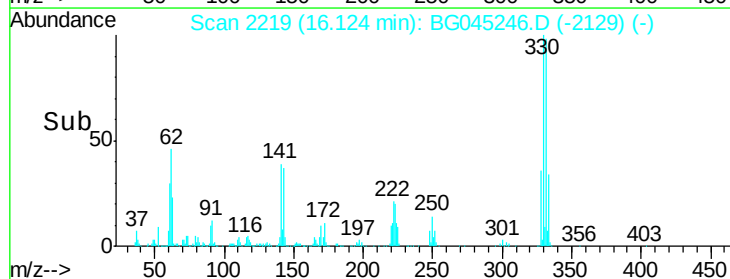
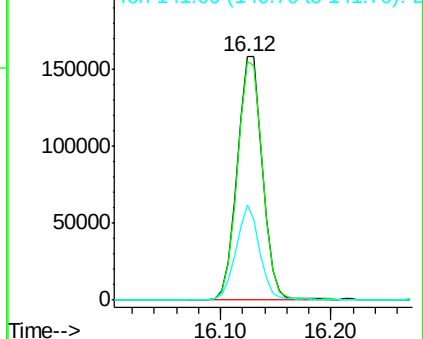
330 100

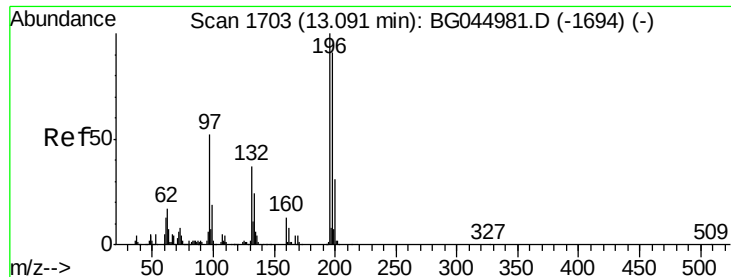
332 97.7 79.1 118.7

141 36.4 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: 25.684 ng

RT: 13.07 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

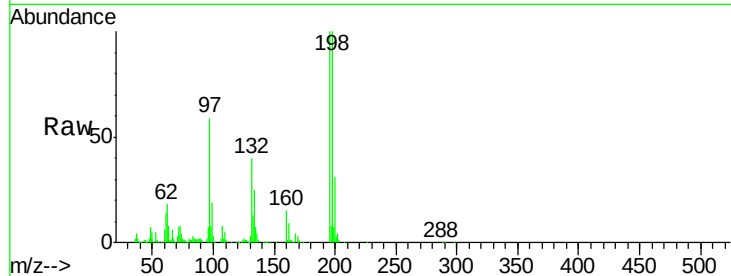
Tot Ion:196 Resp: 144785

Ion Ratio Lower Upper

196 100

198 100.2 72.5 108.7

200 31.3 24.5 36.7

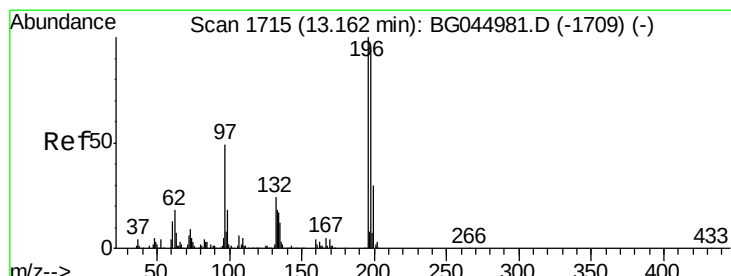
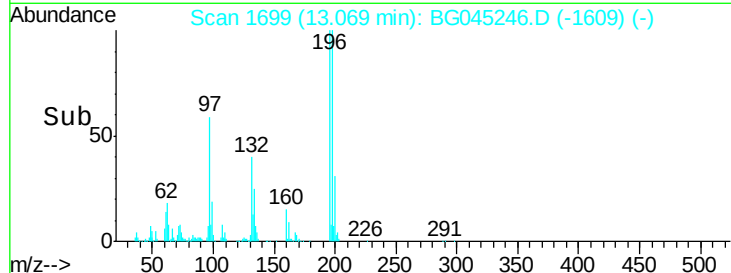
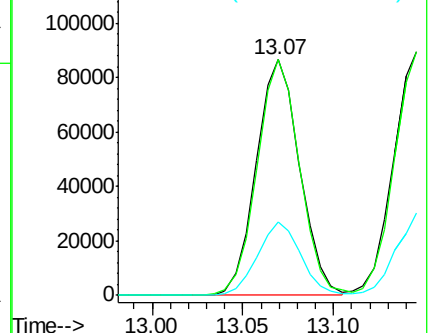


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 24.061 ng

RT: 13.15 min Scan# 1712

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Tgt Ion:196 Resp: 154393

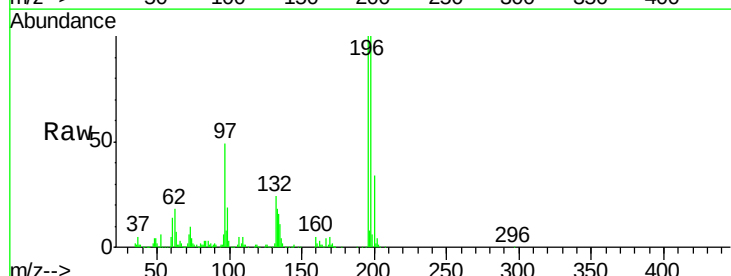
Ion Ratio Lower Upper

196 100

198 99.9 75.7 113.5

97 49.1 39.6 59.4

132 24.3 19.6 29.4



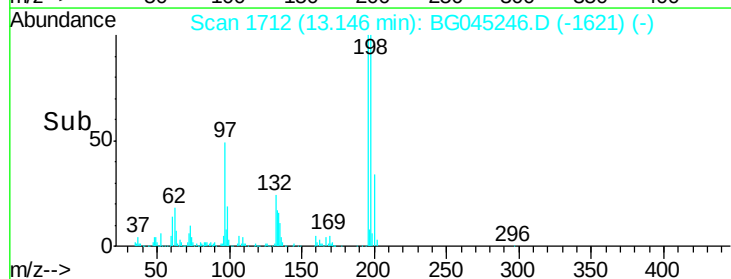
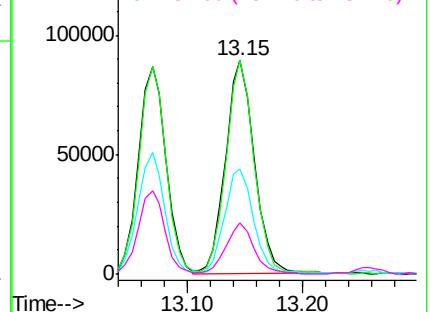
Abundance

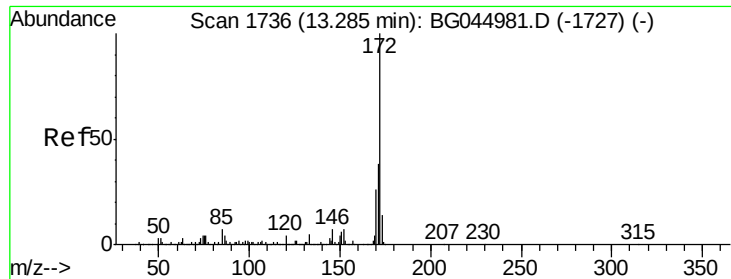
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

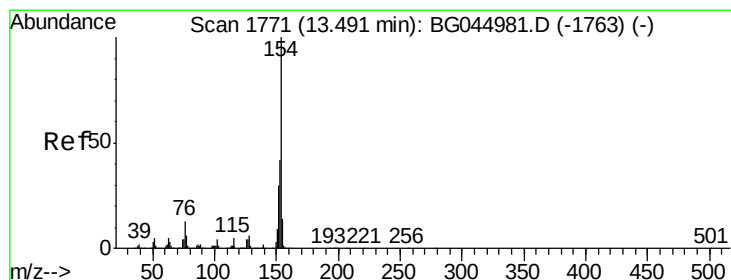
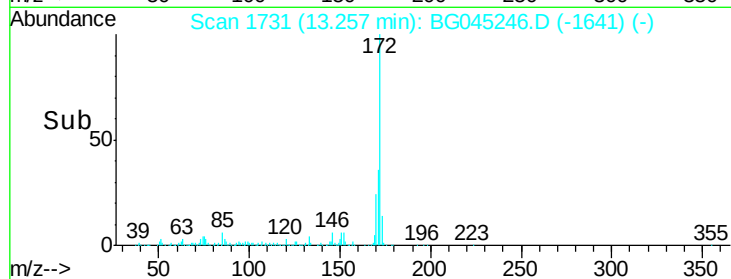
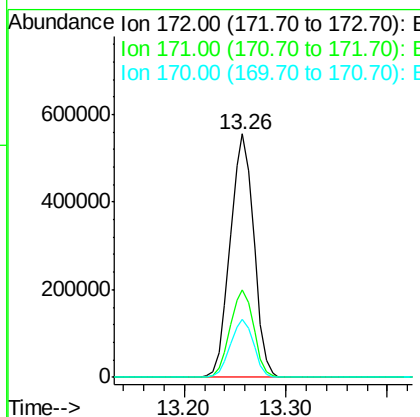
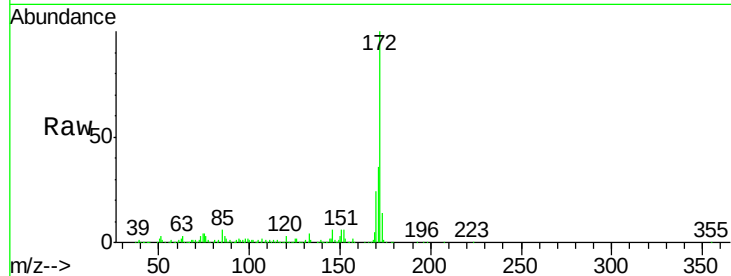




#45
2-Fluorobiphenyl
Concen: 52.983 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

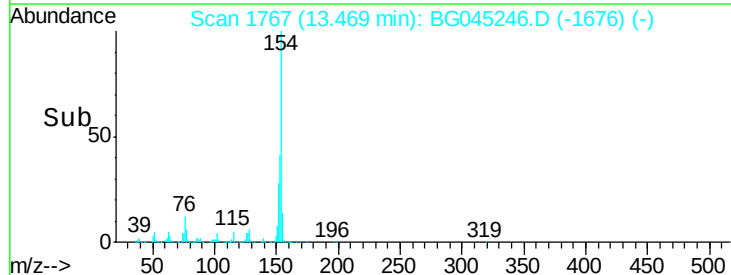
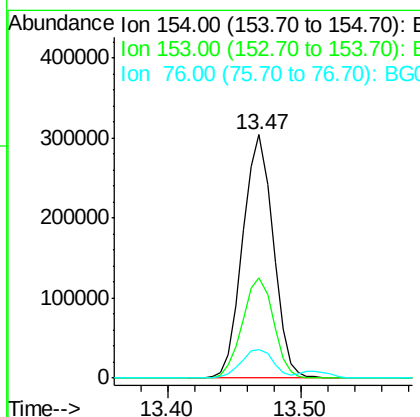
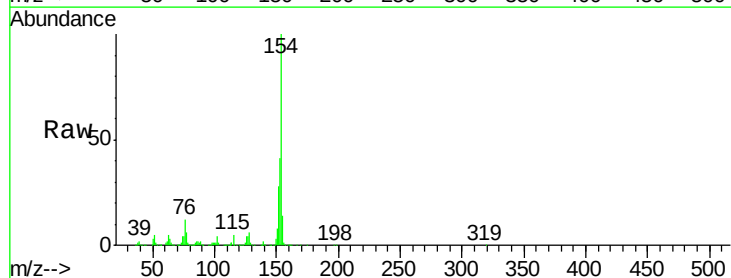
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

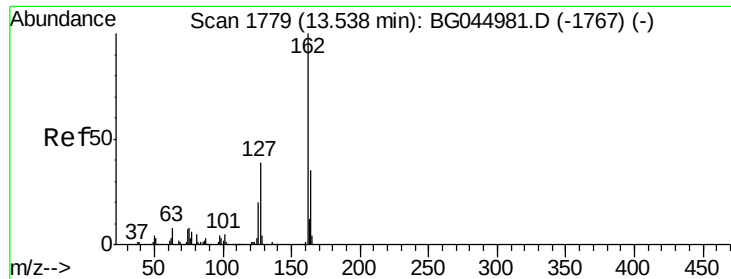
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	46.0
170	23.8	20.5	30.7



#46
1,1'-Biphenyl
Concen: 25.388 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	12.0	0.0	33.1

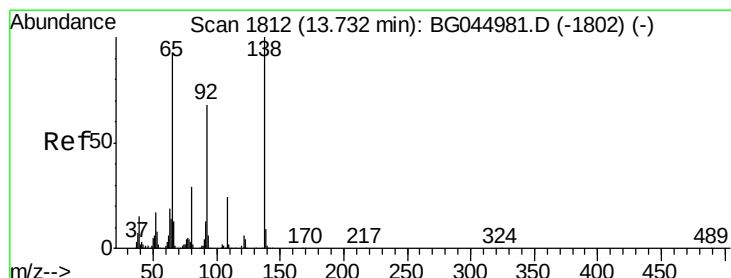
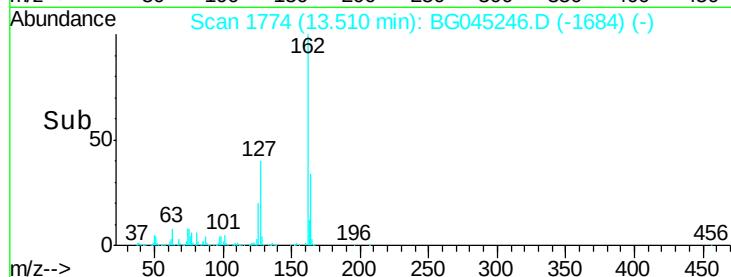
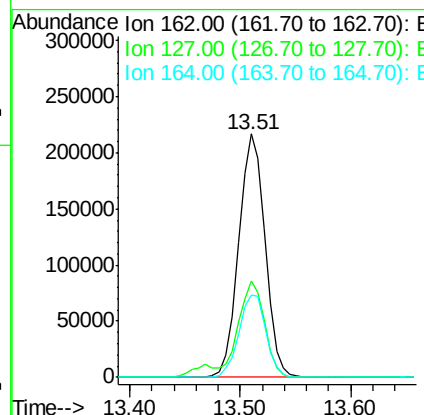
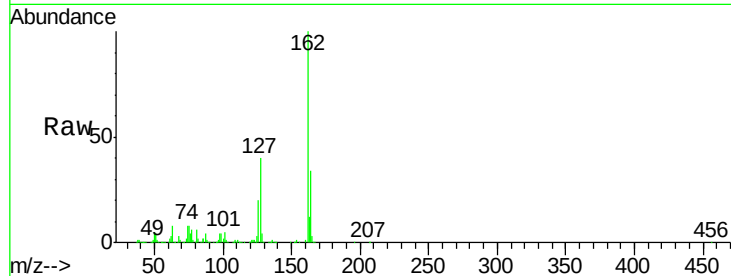




#47
 2-Chloronaphthalene
 Concen: 25.238 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

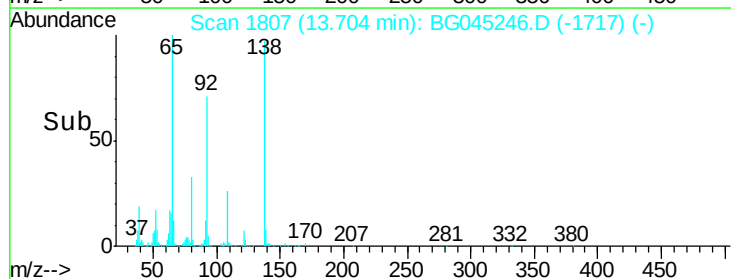
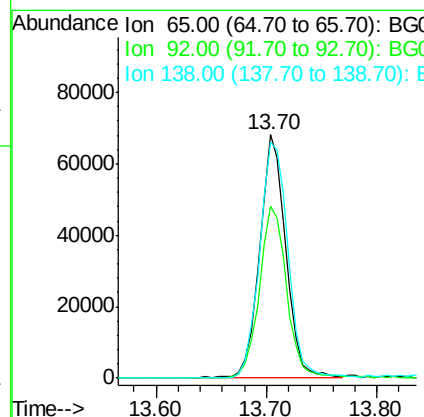
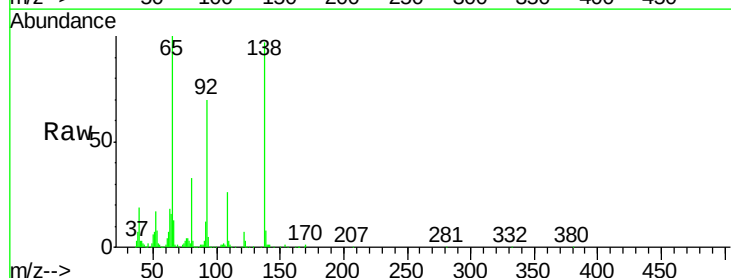
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

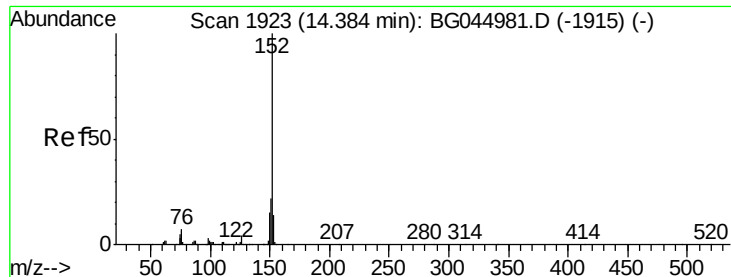
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.3	46.9
164	34.0	27.8	41.8



#48
 2-Nitroaniline
 Concen: 23.938 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.3	87.5
138	96.7	85.6	128.4





#49

Acenaphthylene

Concen: 25.514 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

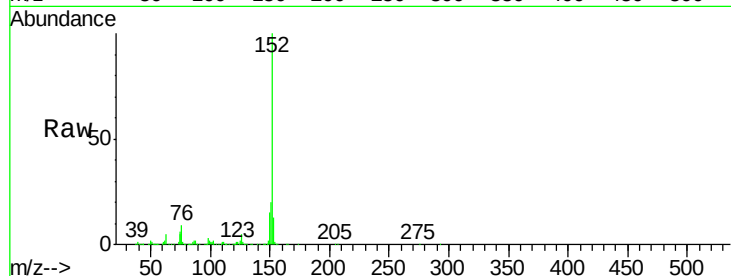
Tot Ion:152 Resp: 598751

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

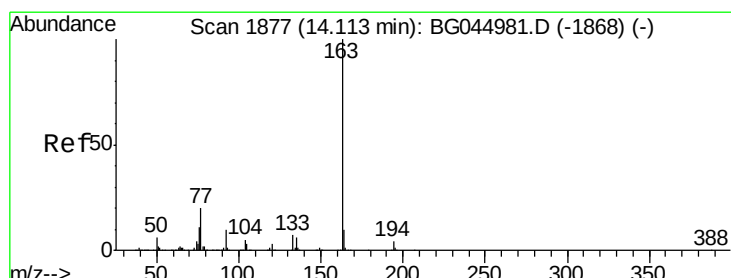
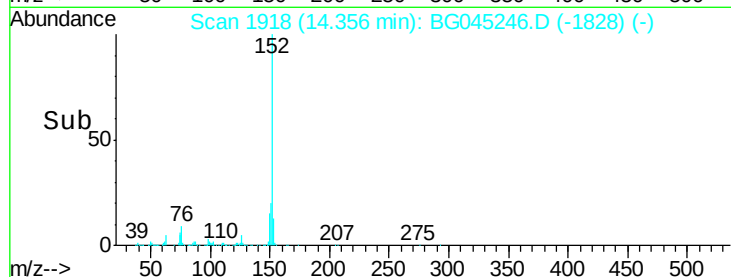
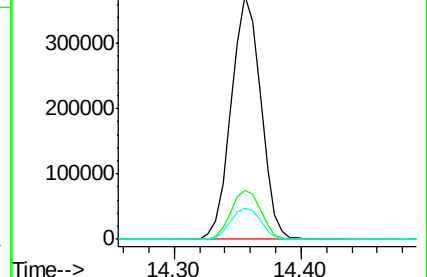
153 12.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 26.061 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

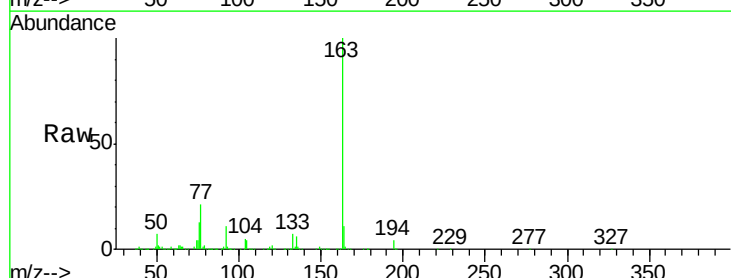
Tgt Ion:163 Resp: 526417

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

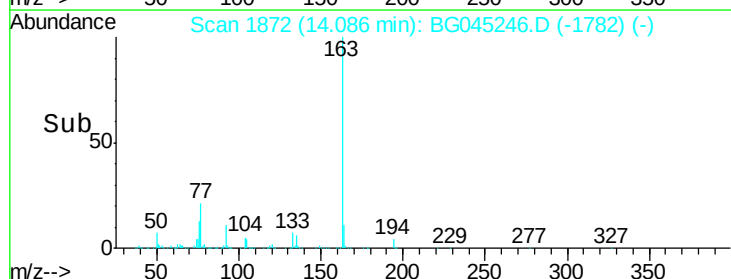
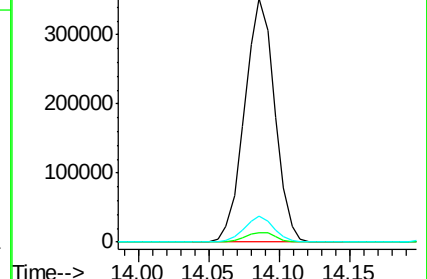
164 10.6 8.2 12.4

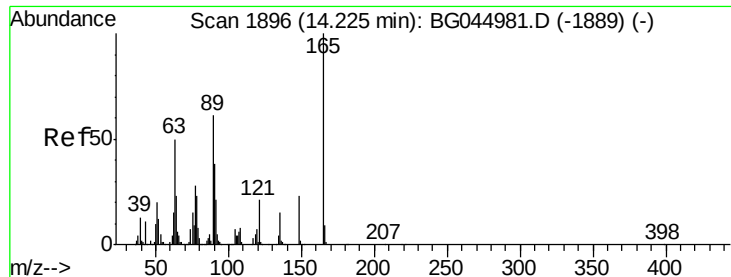


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

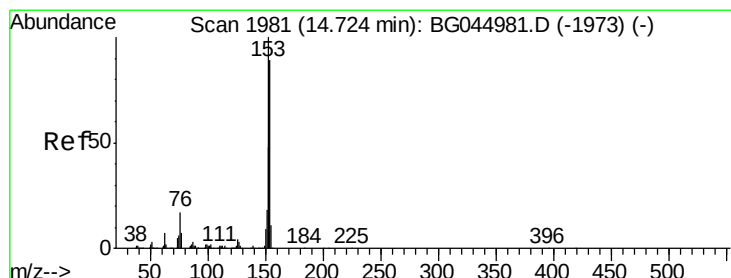
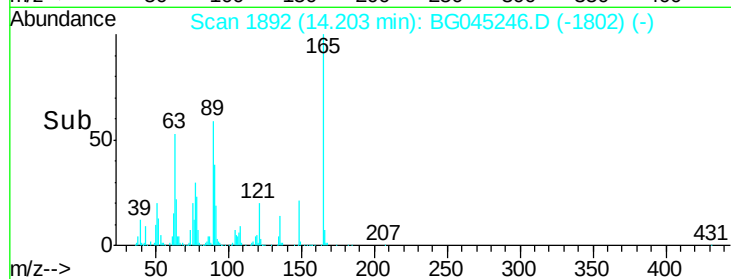
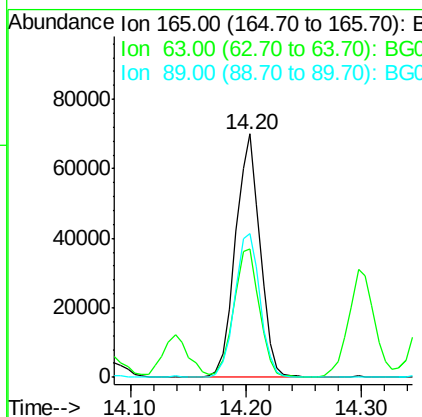
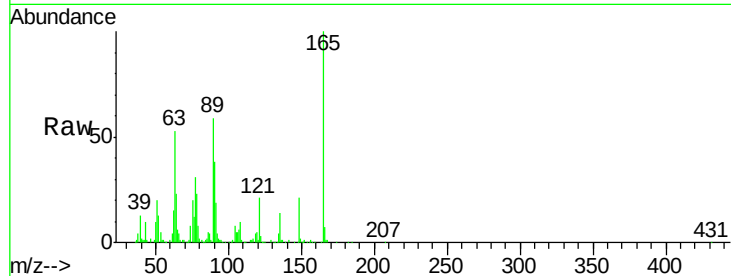




#51
 2,6-Dinitrotoluene
 Concen: 22.845 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

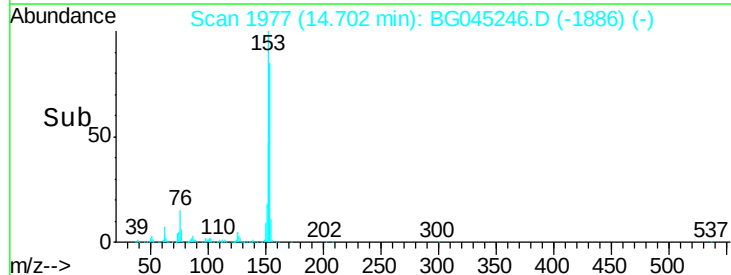
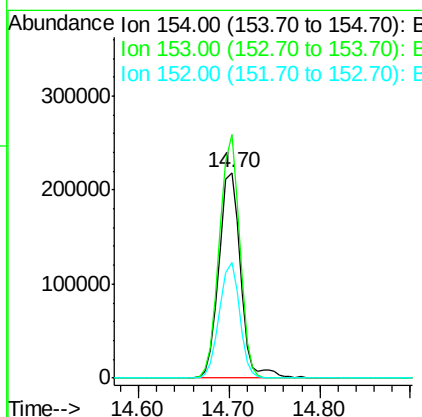
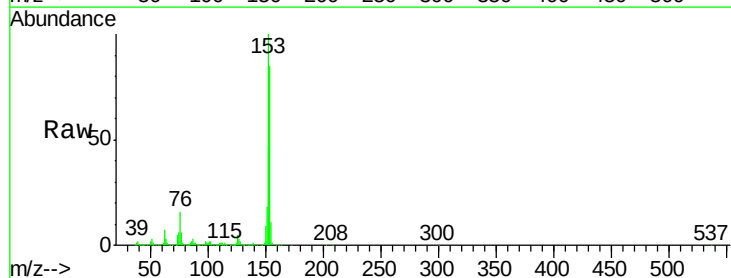
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

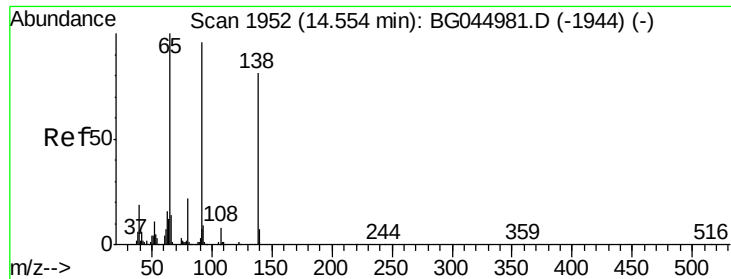
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	40.4	60.6
89	58.9	49.1	73.7



#52
 Acenaphthene
 Concen: 22.869 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.3	89.7	134.5
152	55.9	43.1	64.7





#53

3-Nitroaniline

Concen: 17.051 ng

RT: 14.53 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

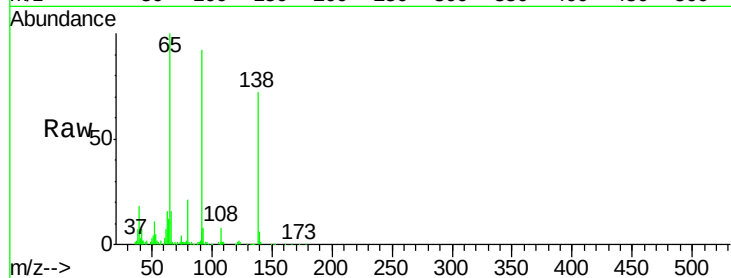
Tot Ion:138 Resp: 84490

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.8

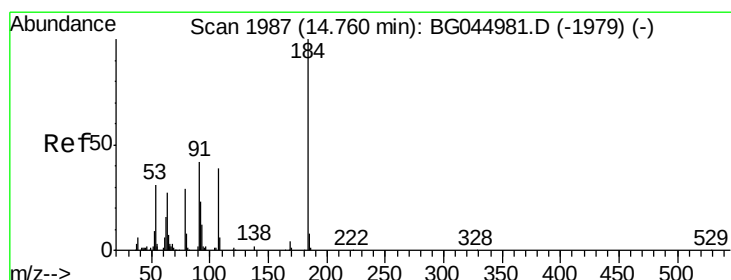
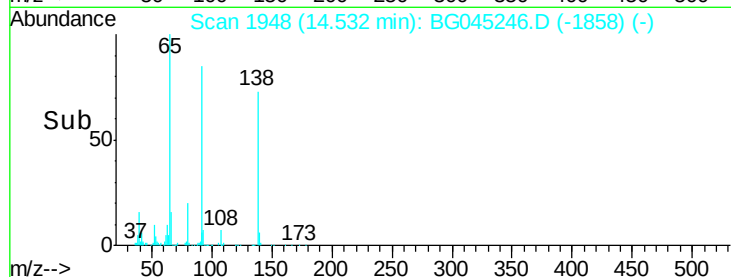
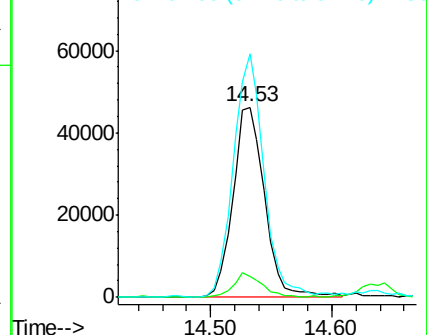
92 127.9 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 7.724 ng

RT: 14.74 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

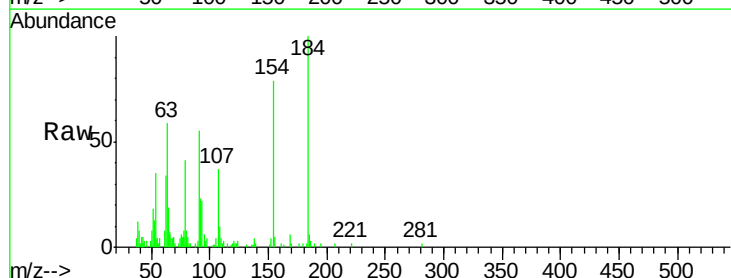
Tgt Ion:184 Resp: 20750

Ion Ratio Lower Upper

184 100

63 59.3 41.5 62.3

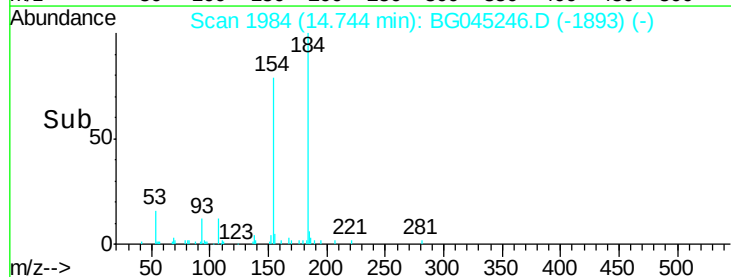
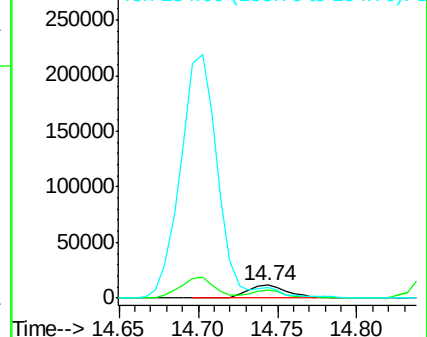
154 79.1 52.3 78.5#

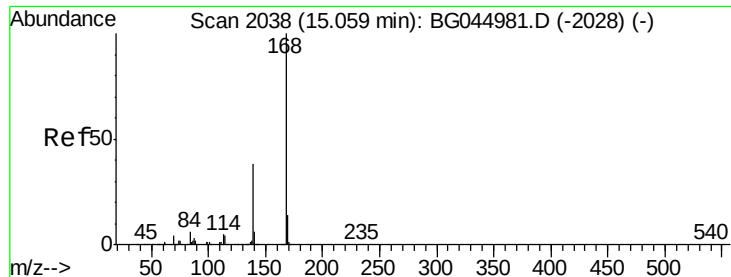


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

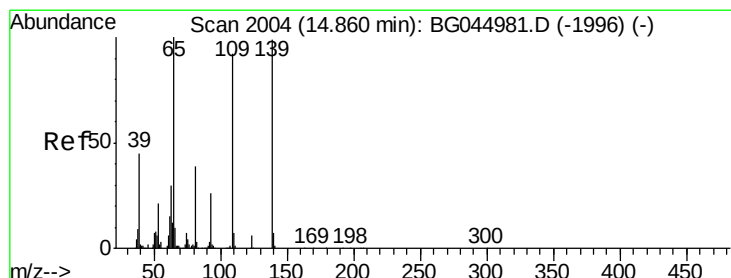
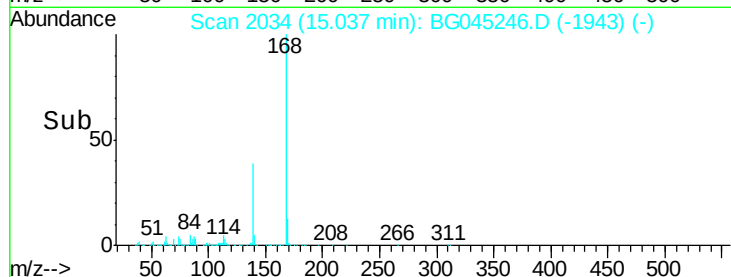
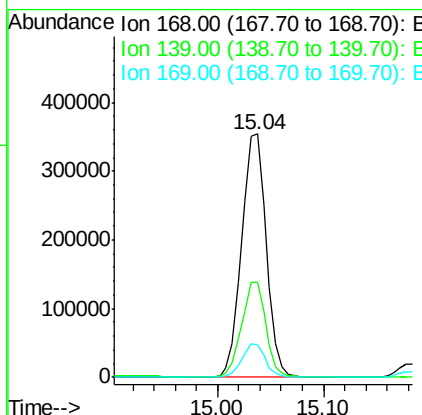
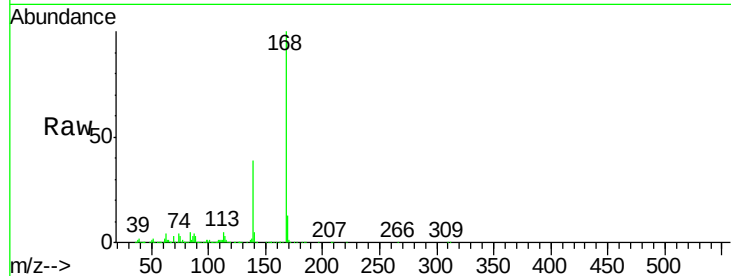




#55
Dibenzenofuran
Concen: 24.693 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

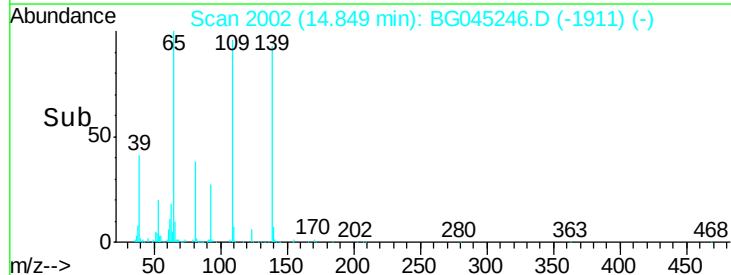
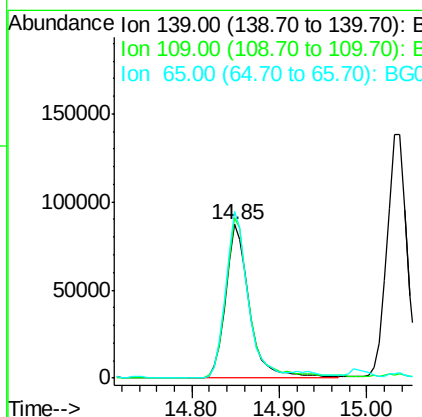
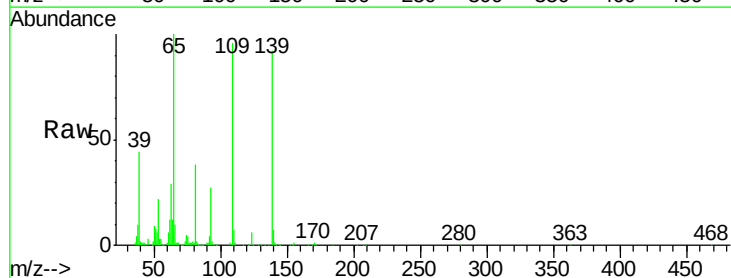
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

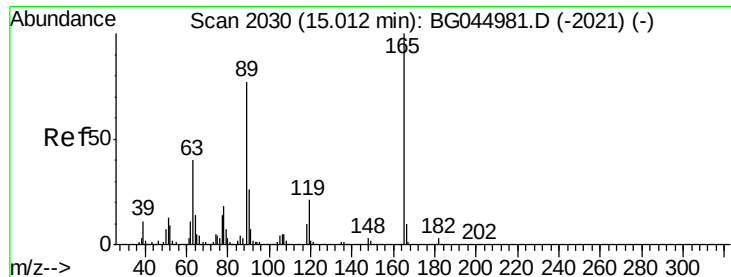
Tot Ion:168 Resp: 571617
Ion Ratio Lower Upper
168 100
139 39.0 30.4 45.6
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 42.199 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion:139 Resp: 162133
Ion Ratio Lower Upper
139 100
109 104.0 73.6 113.6
65 108.6 81.2 121.2

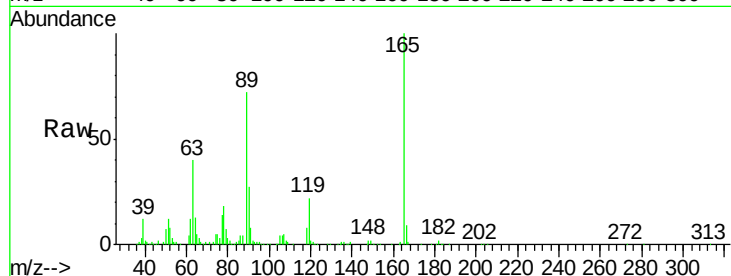




#57
 2,4-Dinitrotoluene
 Concen: 21.403 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.2	48.2
89	72.4	61.7	92.5
182	2.4	2.0	3.0

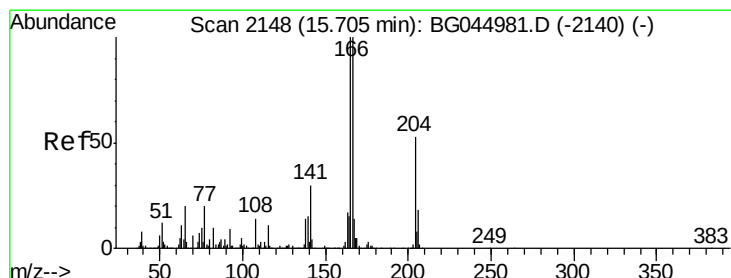
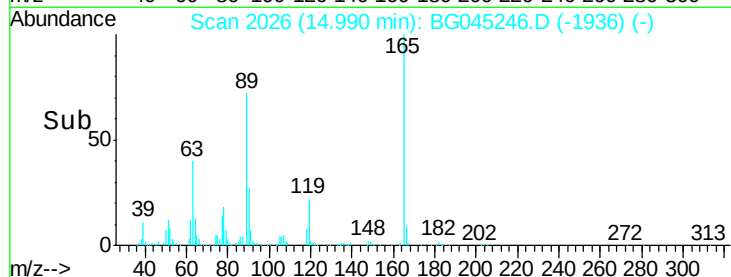
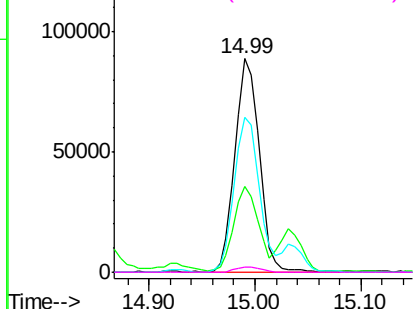


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

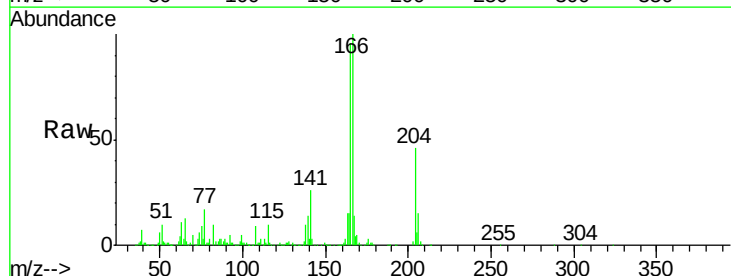
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 24.296 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

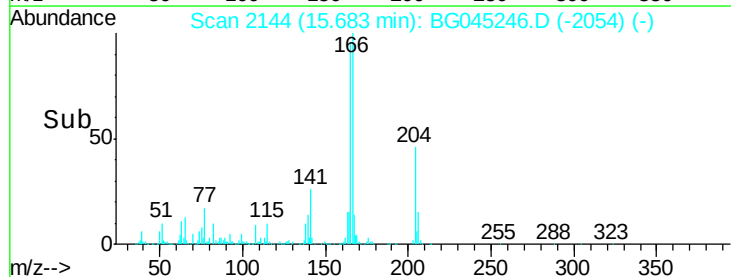
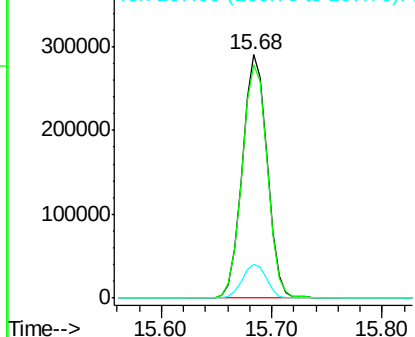
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	79.9	119.9
167	13.9	11.4	17.0

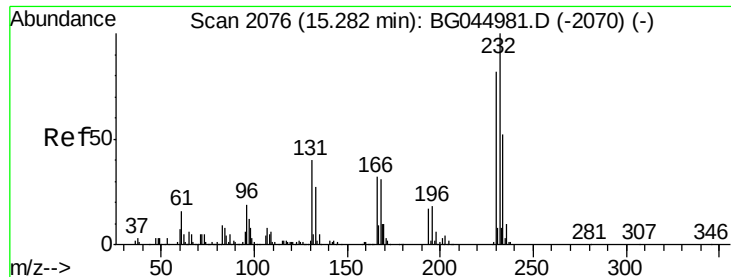


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

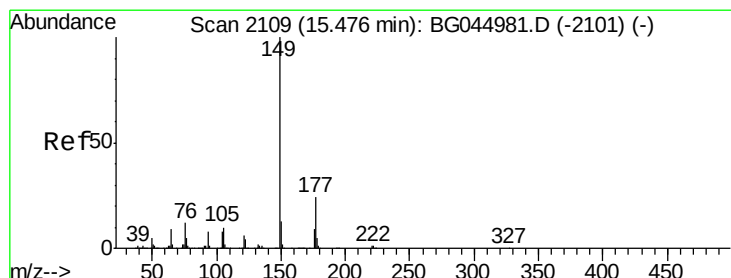
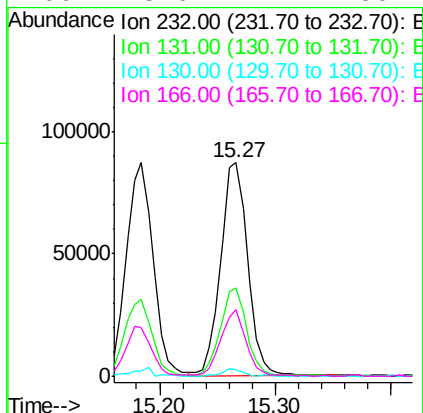
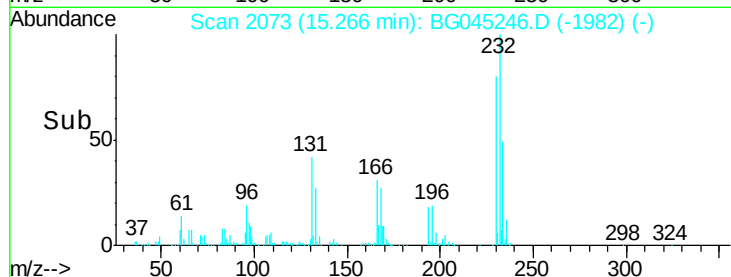
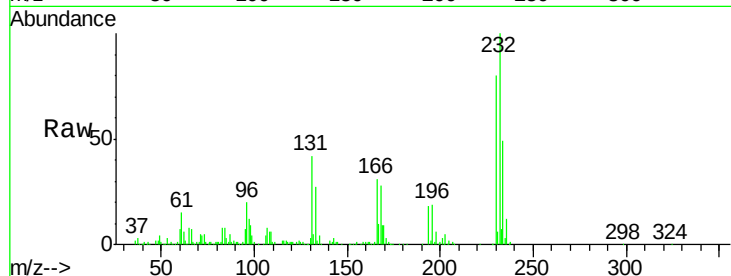




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.683 ng
RT: 15.27 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

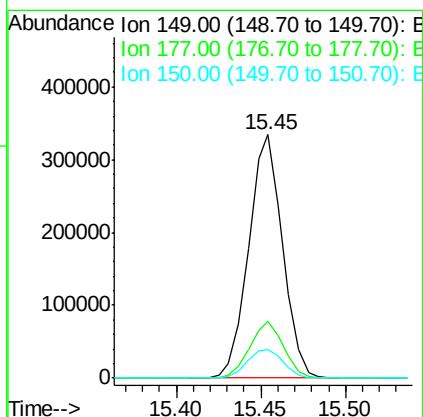
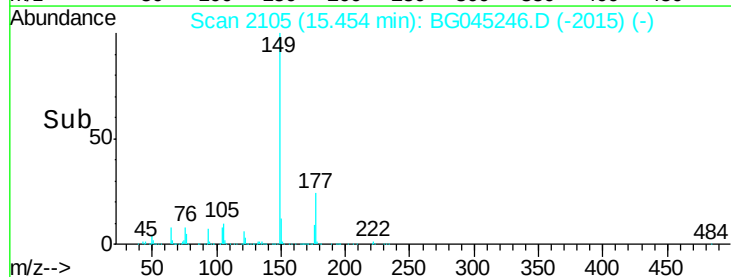
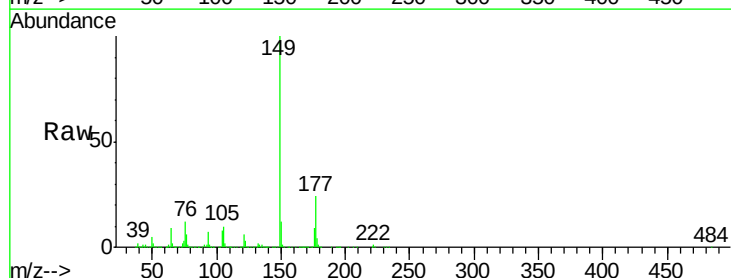
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

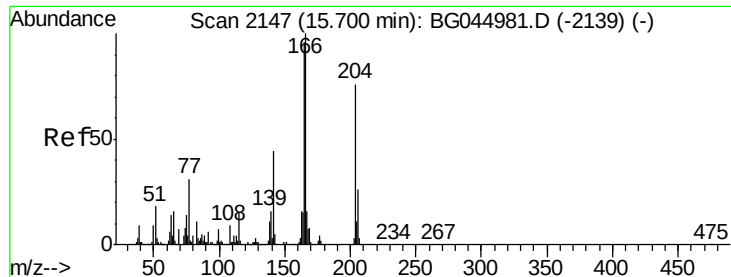
Tot Ion:232	Resp:	140923
Ion Ratio	Lower	Upper
232	100	
131	39.9	32.2 48.2
130	2.7	2.2 3.2
166	28.6	24.2 36.4



#60
Diethylphthalate
Concen: 22.048 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion:149	Resp:	464323
Ion Ratio	Lower	Upper
149	100	
177	23.6	18.9 28.3
150	12.0	10.6 15.8

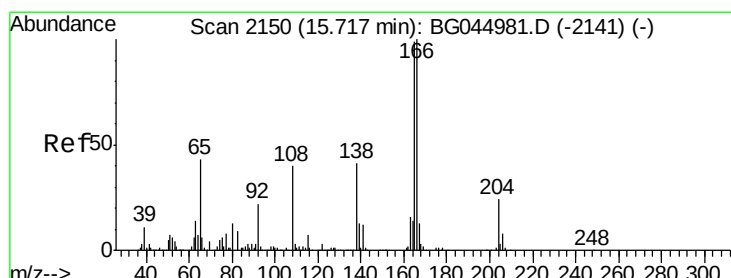
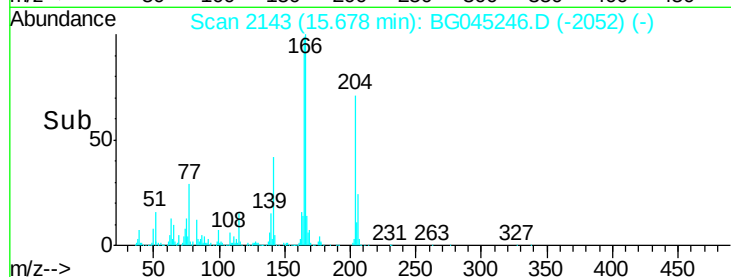
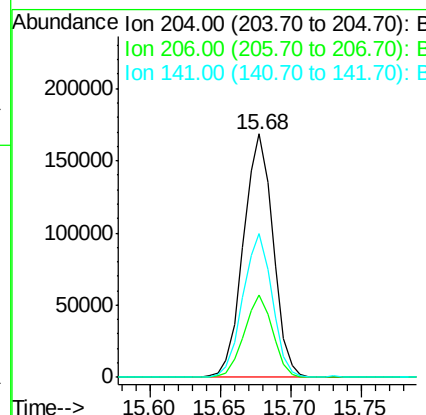
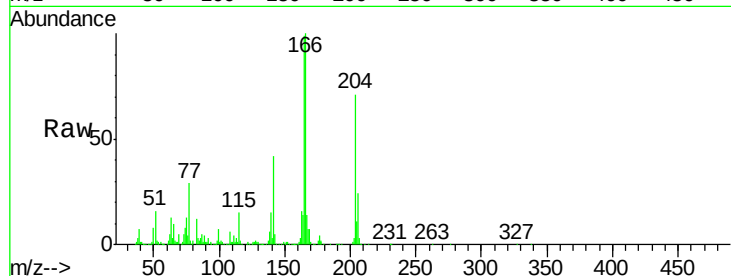




#61
 4-Chlorophenyl-phenylether
 Concen: 22.800 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

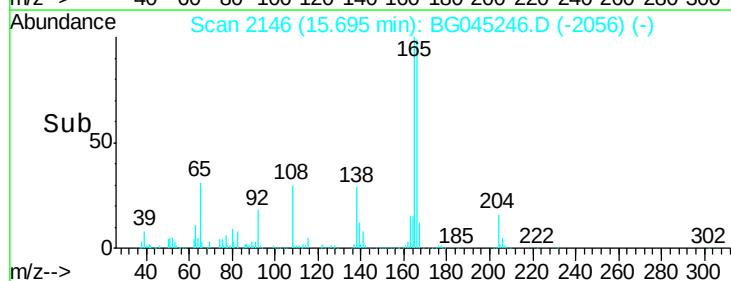
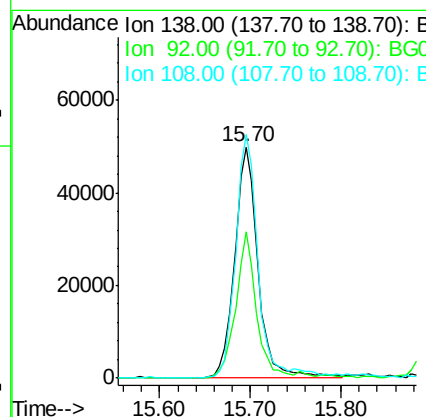
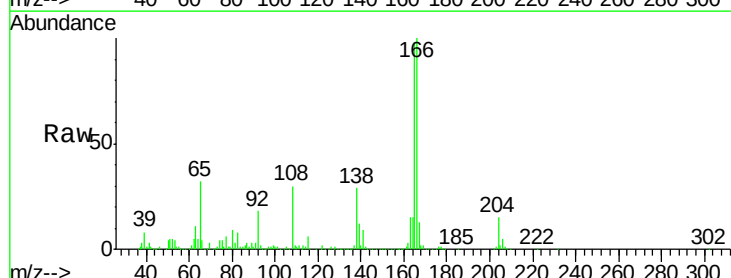
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

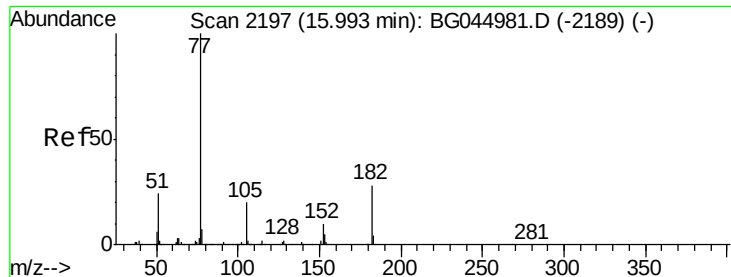
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.9	40.3
141	59.1	46.3	69.5



#62
 4-Nitroaniline
 Concen: 17.518 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.1	33.6	73.6
108	105.3	78.2	118.2





#63

Azobenzene

Concen: 23.133 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion: 77 Resp: 449168

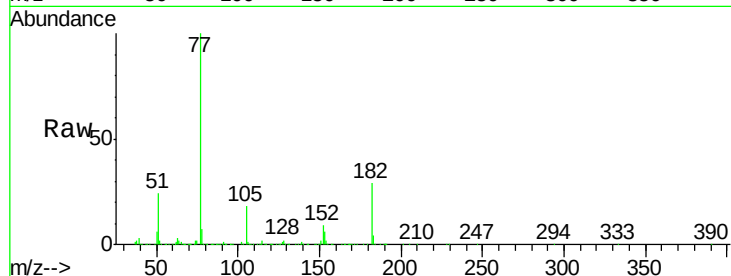
Ion Ratio Lower Upper

77 100

182 28.6 8.4 48.4

105 18.3 0.5 40.5

51 24.1 4.4 44.4

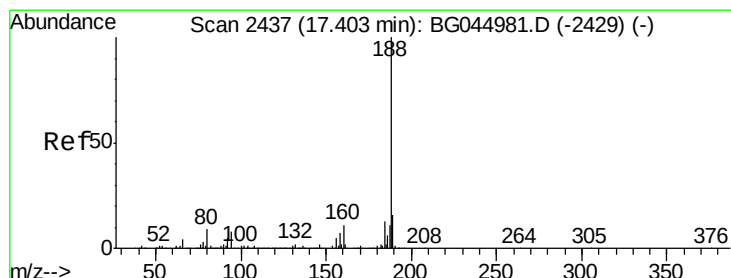
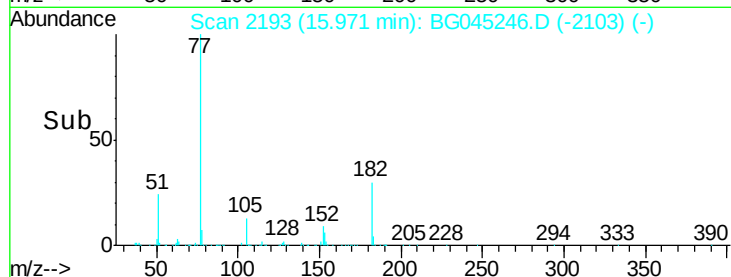
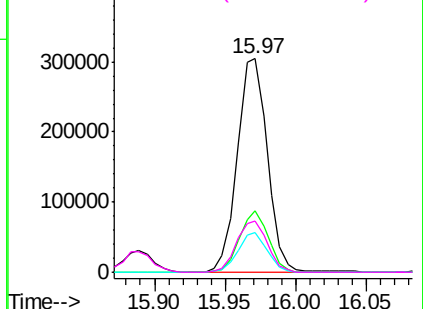


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

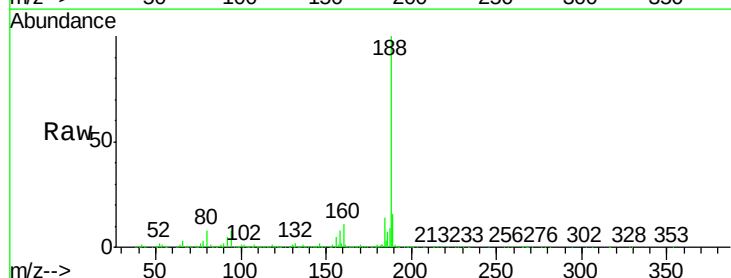
Tgt Ion: 188 Resp: 502921

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

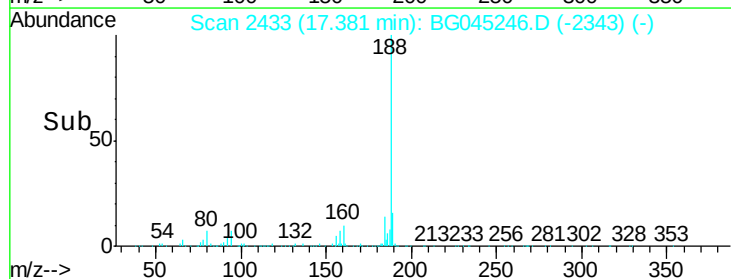
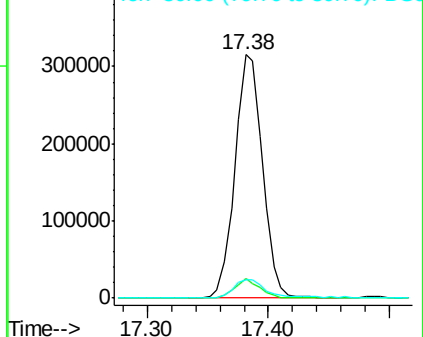
80 7.7 7.0 10.6

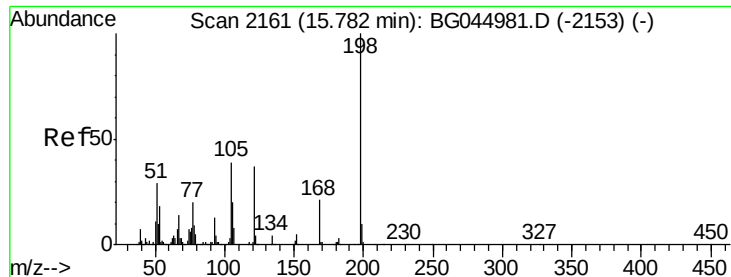


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 6.228 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

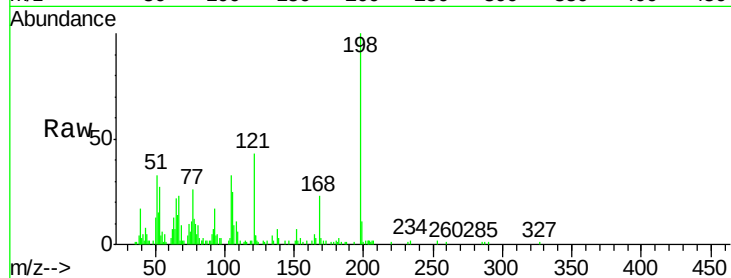
BNA_G

ClientSampleId :

FK-SF-03-009-AMS

Tot Ion:198 Resp: 20587

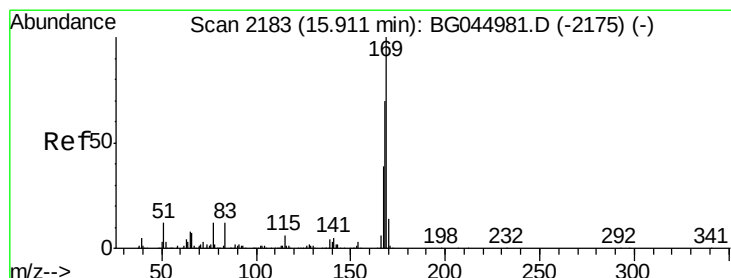
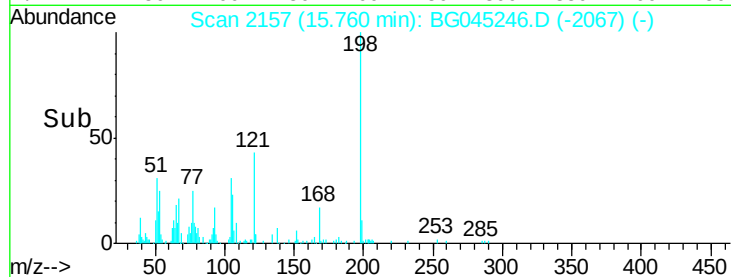
Ion	Ratio	Lower	Upper
198	100		
51	32.5	10.0	50.0
105	33.0	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 27.268 ng

RT: 15.89 min Scan# 2179

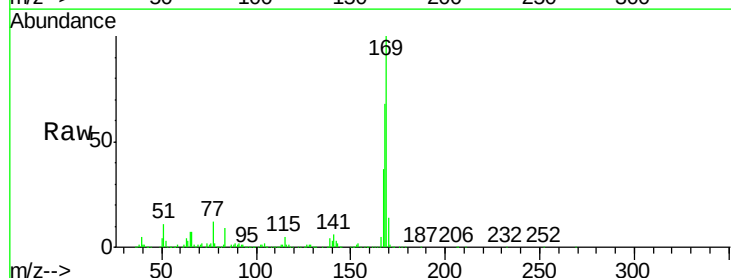
Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Tgt Ion:169 Resp: 394020

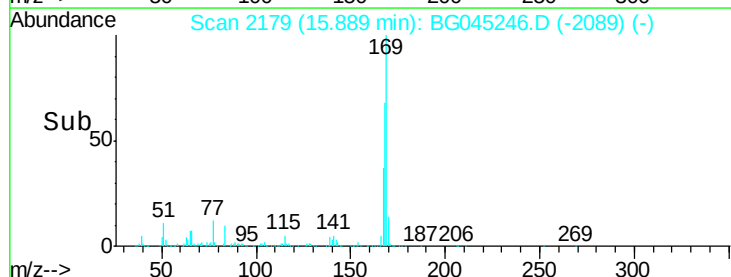
Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.8	83.8
167	37.3	30.8	46.2

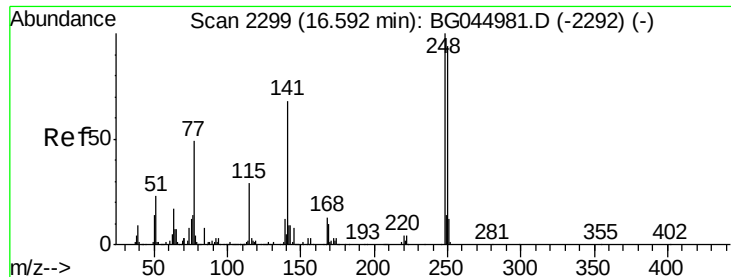


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

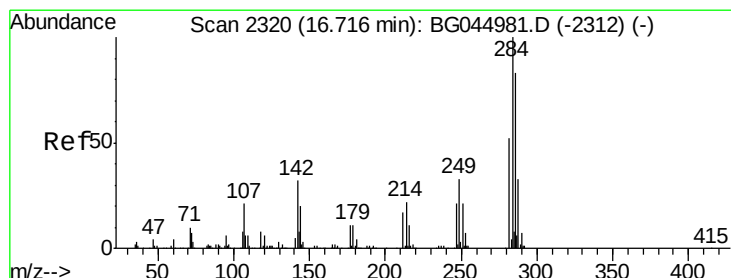
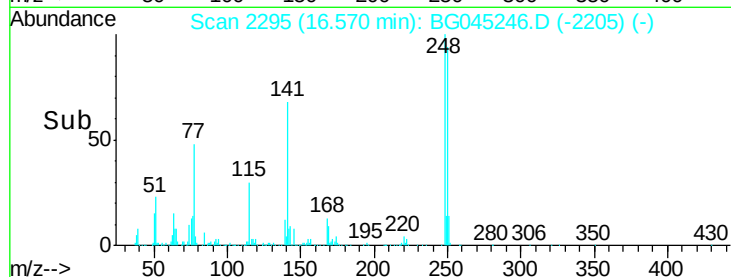
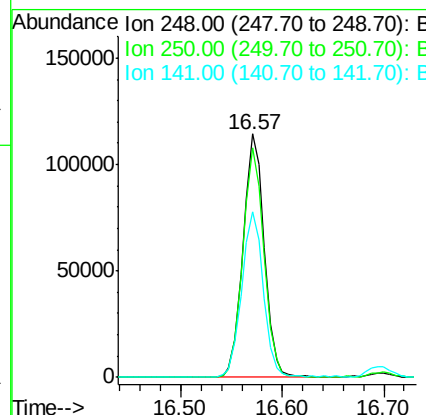
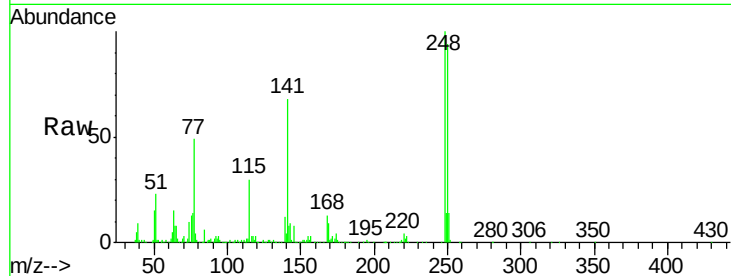




#67
4-Bromophenyl-phenylether
Concen: 25.601 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

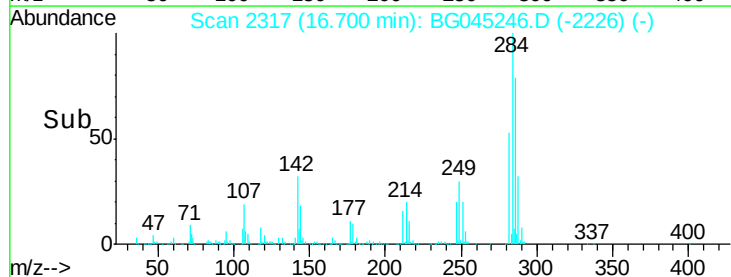
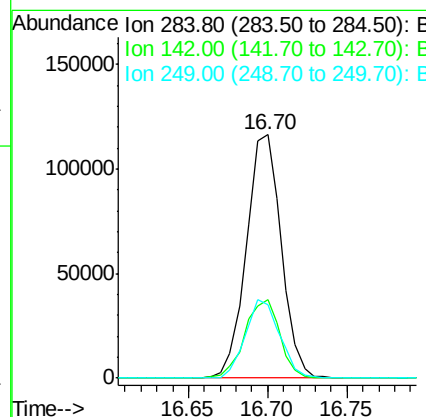
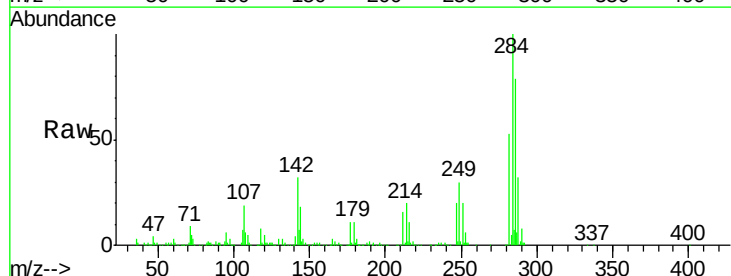
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

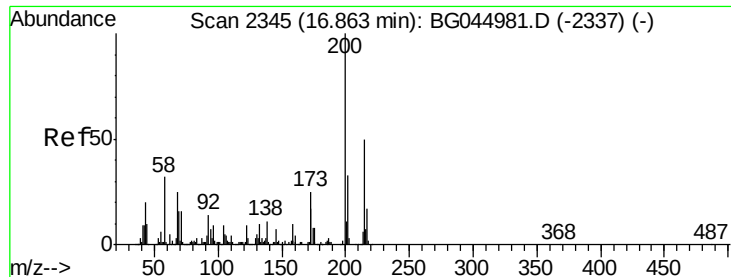
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	75.4	113.2
141	68.0	54.4	81.6



#68
Hexachlorobenzene
Concen: 26.374 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.8	38.6
249	30.4	26.6	39.8





#69

Atrazine

Concen: 24.476 ng

RT: 16.84 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

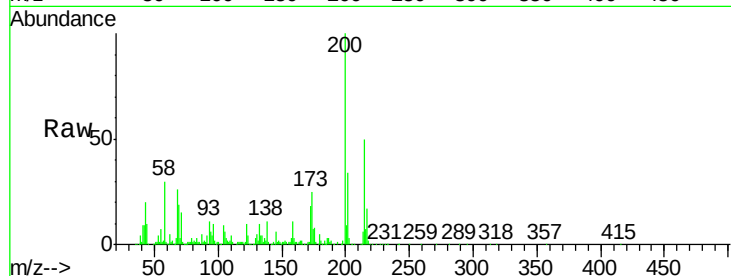
Tot Ion:200 Resp: 140483

Ion Ratio Lower Upper

200 100

173 25.0 4.5 44.5

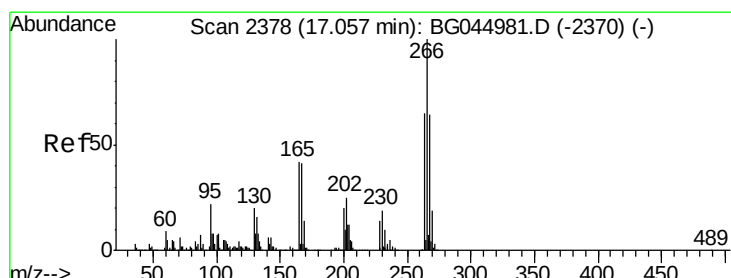
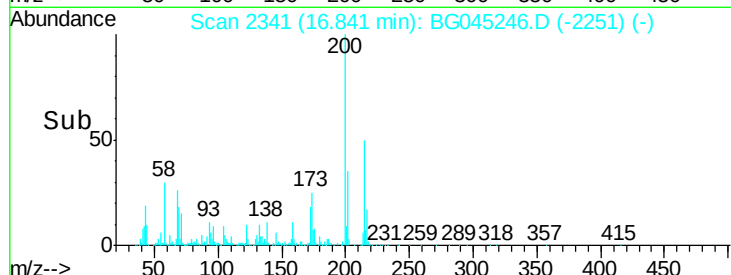
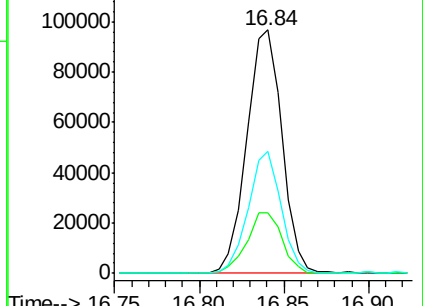
215 50.0 30.0 70.0



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



#70

Pentachlorophenol

Concen: 49.516 ng

RT: 17.04 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

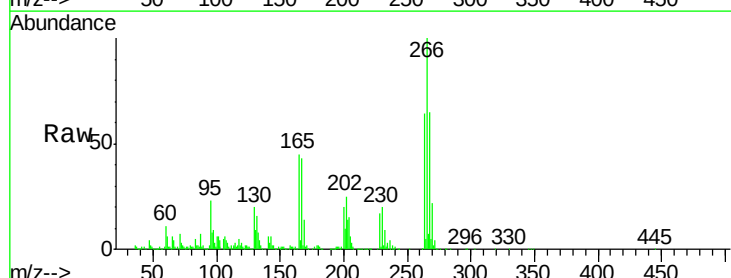
Tgt Ion:266 Resp: 204397

Ion Ratio Lower Upper

266 100

268 65.1 51.5 77.3

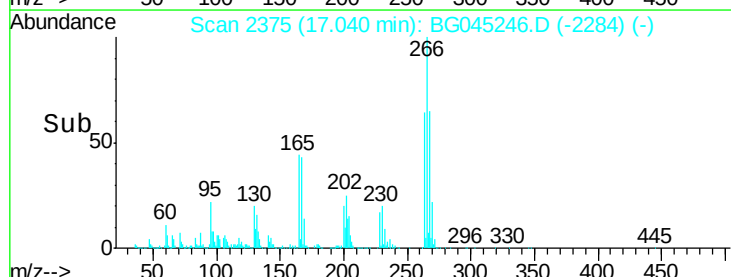
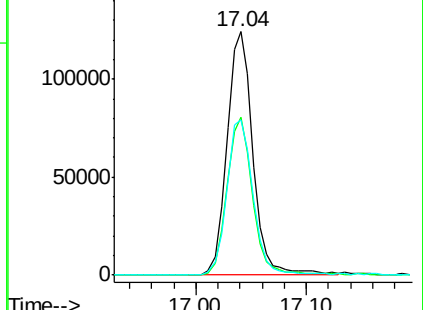
264 64.0 52.2 78.4

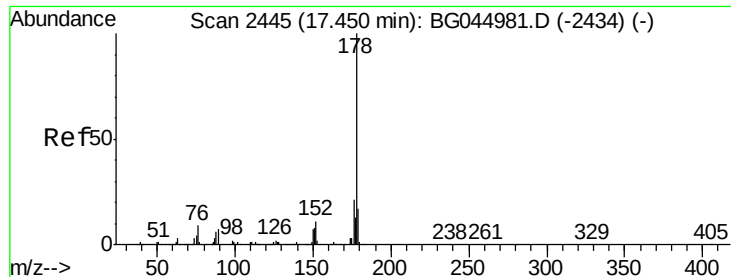


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

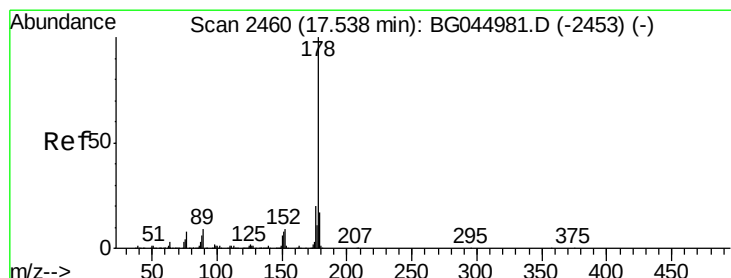
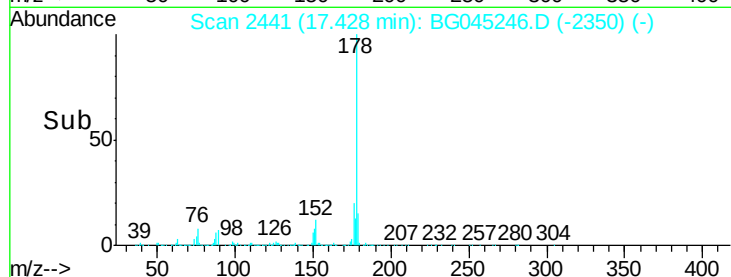
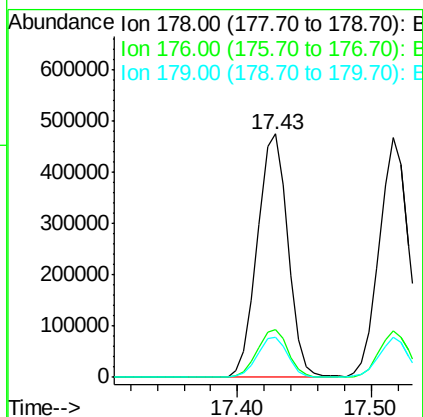
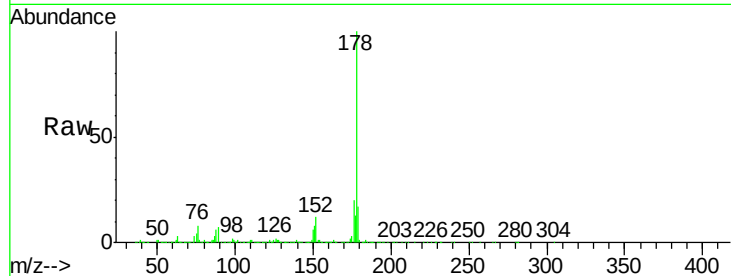




#71
Phenanthrene
Concen: 28.981 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

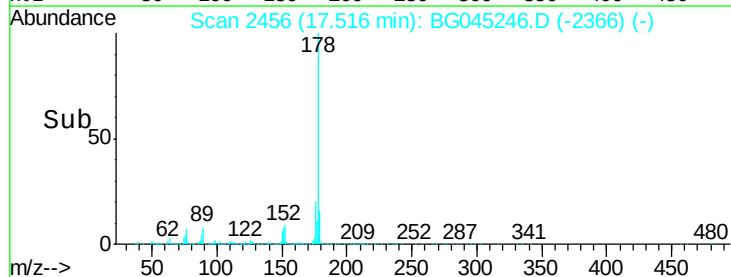
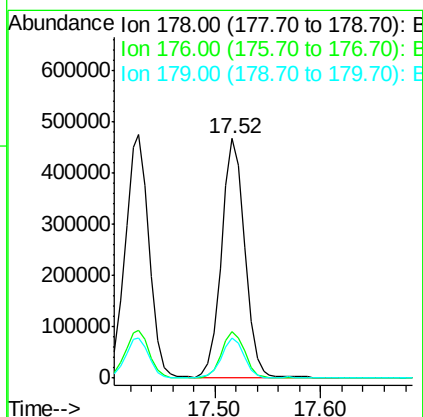
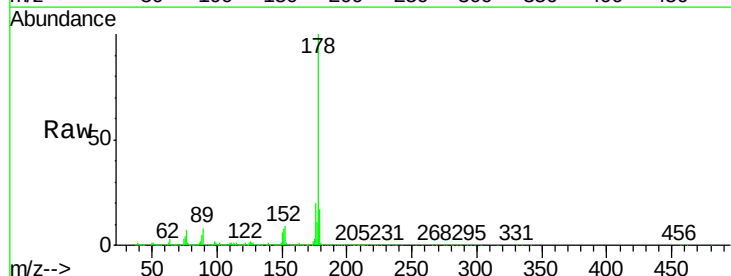
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMS

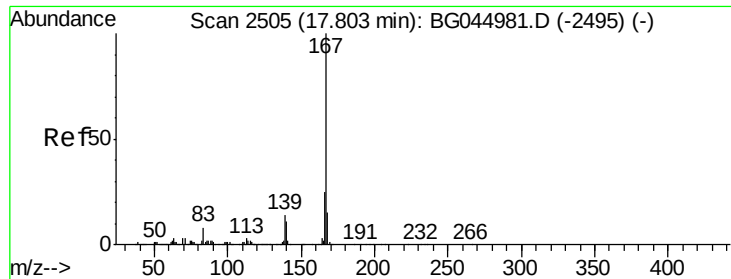
Tot Ion:178 Resp: 748974
Ion Ratio Lower Upper
178 100
176 19.7 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 27.657 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045246.D
Acq: 4 May 2020 23:15

Tgt Ion:178 Resp: 716976
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.5 13.6 20.4

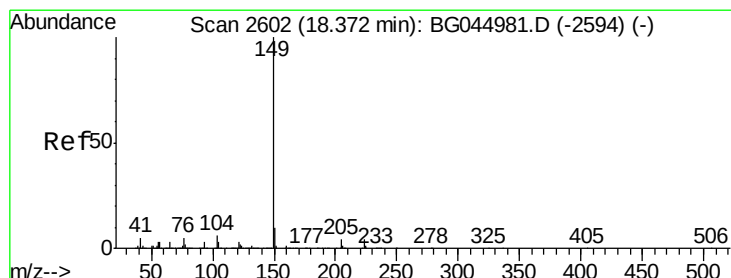
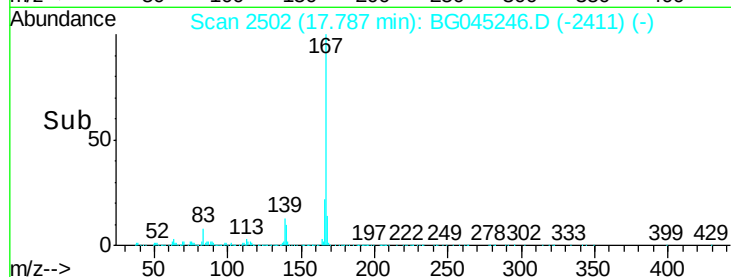
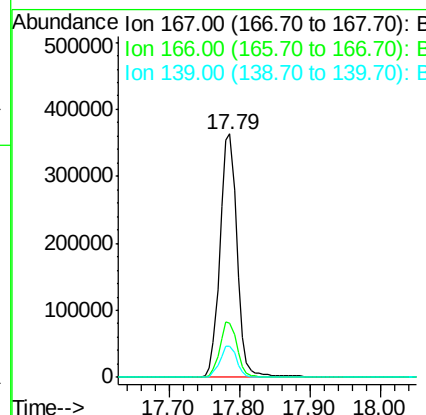
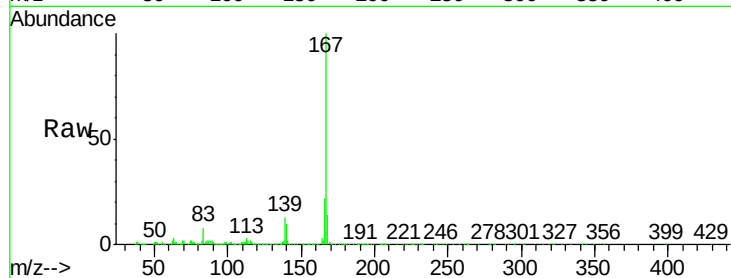




#73
 Carbazole
 Concen: 23.264 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

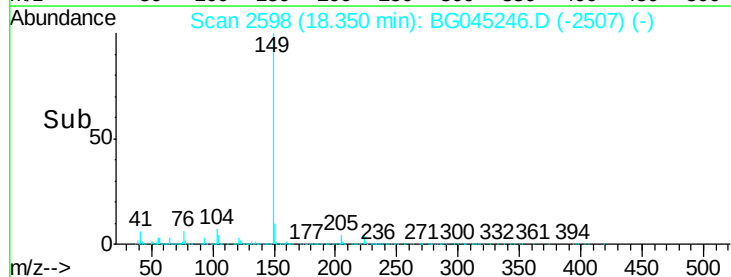
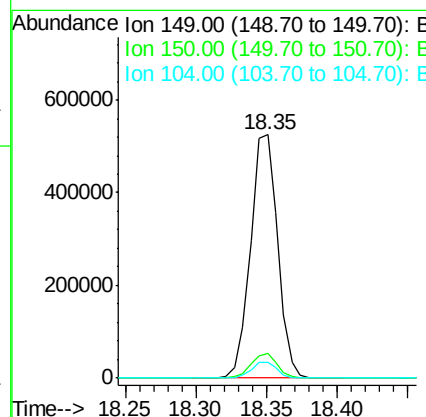
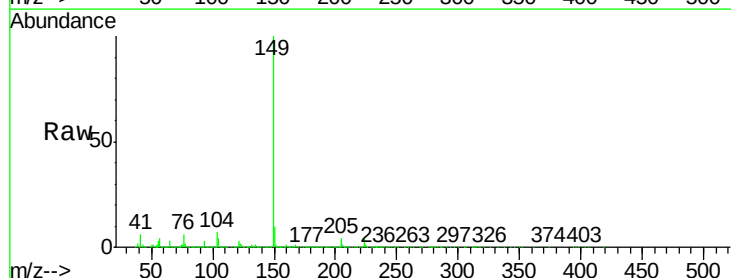
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMS

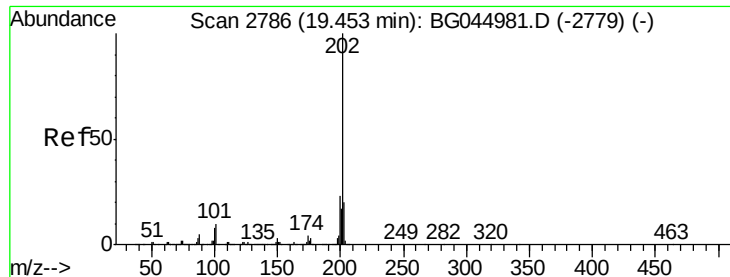
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.8	29.6
139	12.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 21.584 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BG045246.D
 Acq: 4 May 2020 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.6	4.8	7.2





#75

Fluoranthene

Concen: 29.667 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

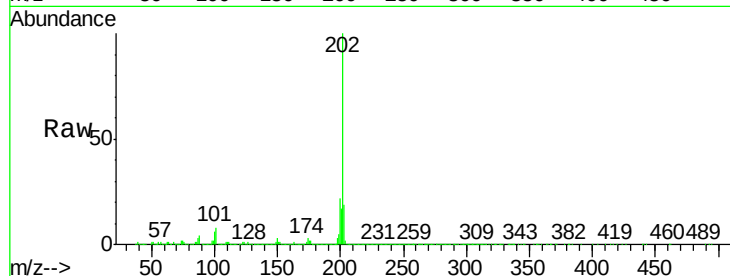
Tot Ion:202 Resp: 965030

Ion Ratio Lower Upper

202 100

101 7.7 0.0 29.6

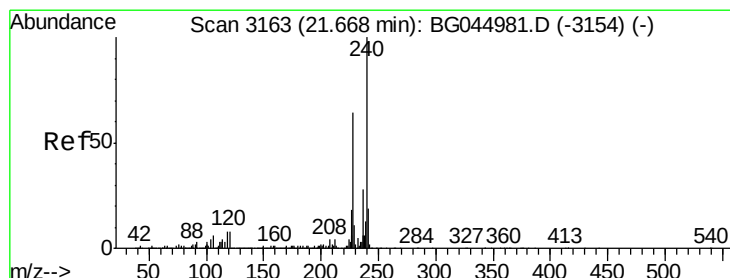
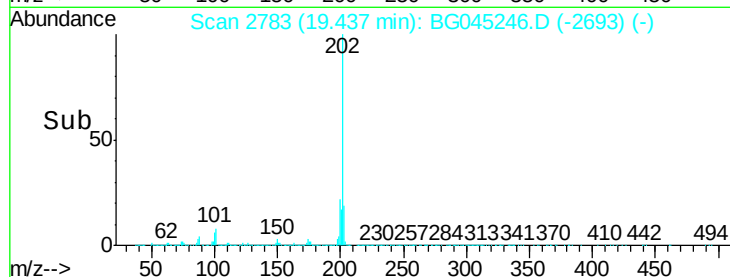
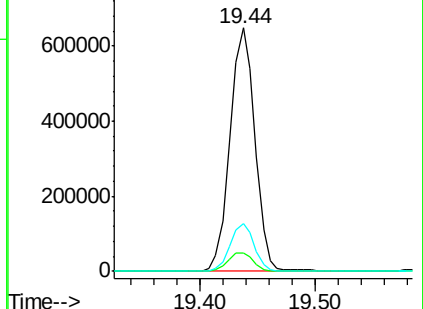
203 19.5 0.0 39.7



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: 21.65 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

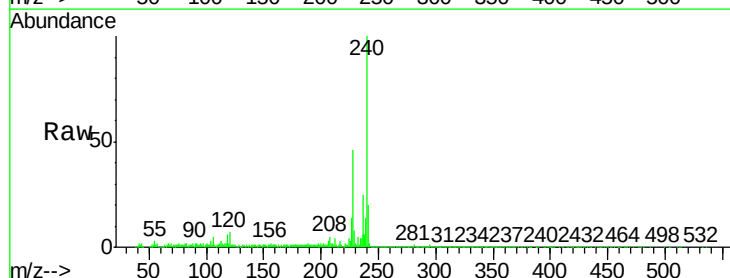
Tgt Ion:240 Resp: 421387

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

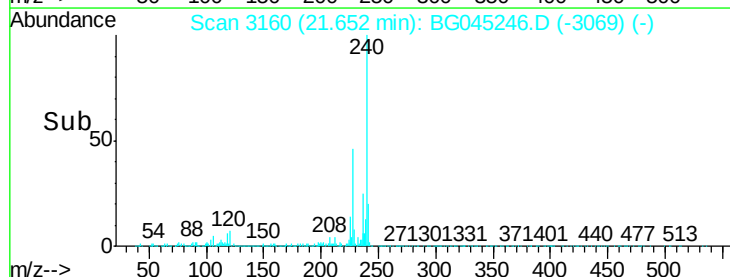
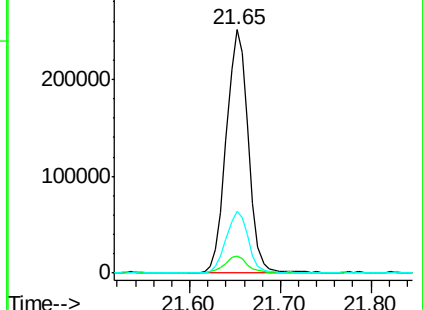
236 25.4 22.2 33.2

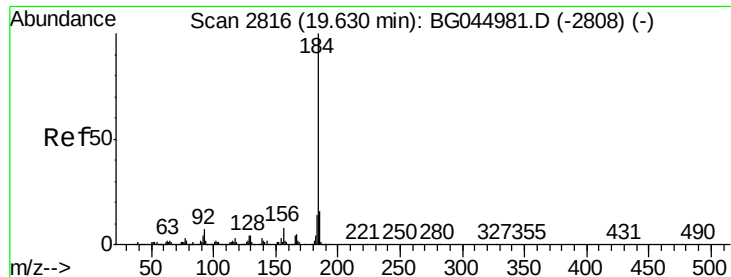


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.575 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

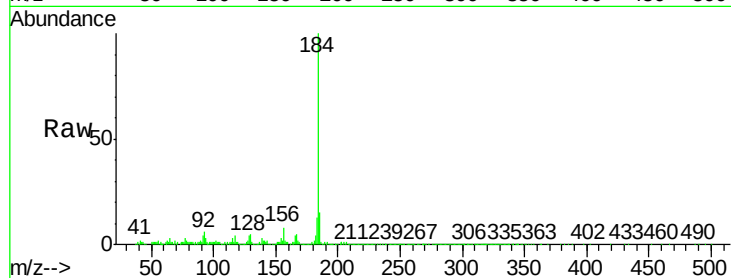
Tot Ion:184 Resp: 354111

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

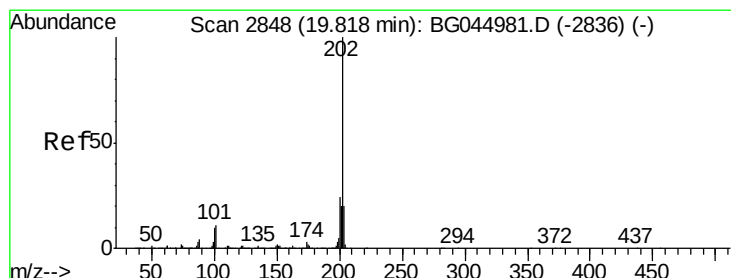
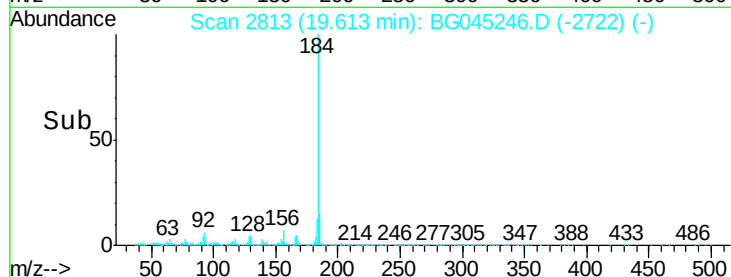
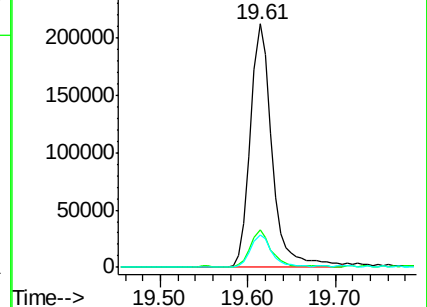
183 13.4 11.3 16.9



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: 32.291 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

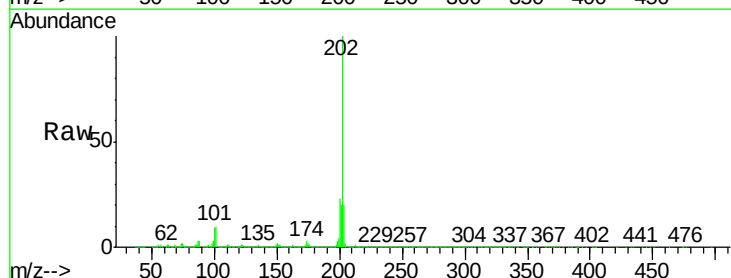
Tgt Ion:202 Resp: 938075

Ion Ratio Lower Upper

202 100

200 22.8 19.0 28.6

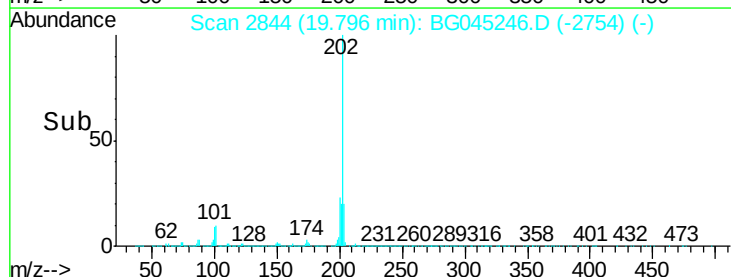
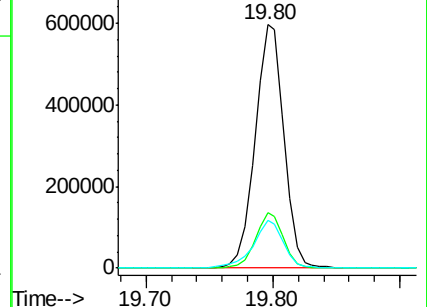
203 19.9 16.1 24.1

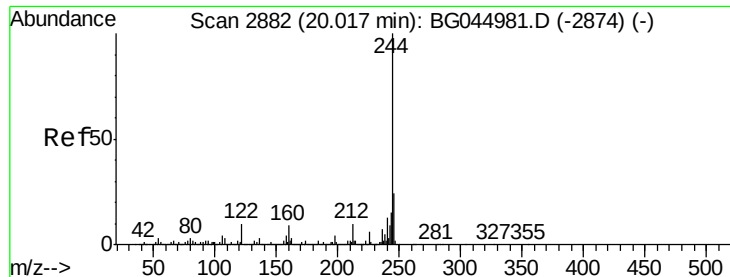


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.863 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

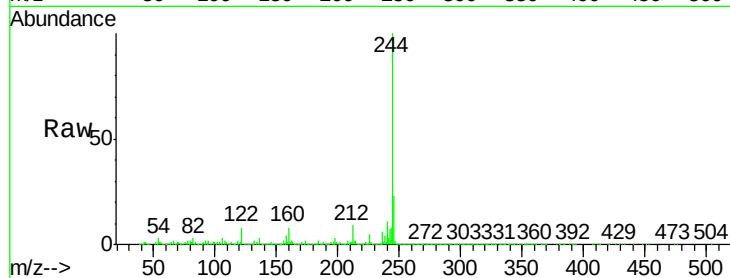
Tot Ion:244 Resp: 1157371

Ion Ratio Lower Upper

244 100

212 8.9 7.9 11.9

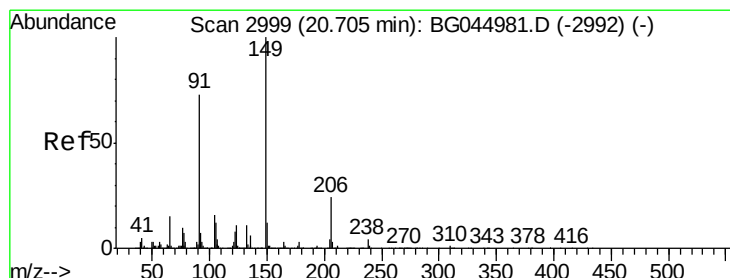
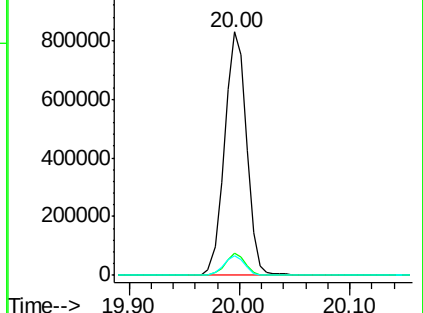
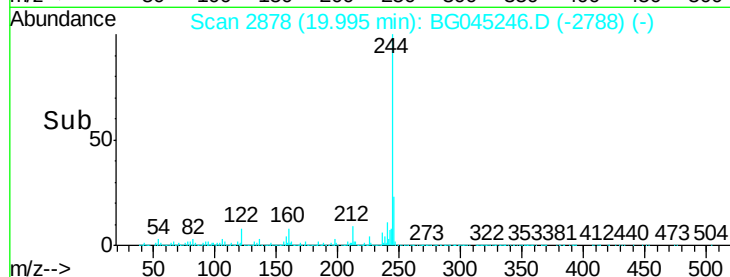
122 8.2 7.7 11.5



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: 23.927 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

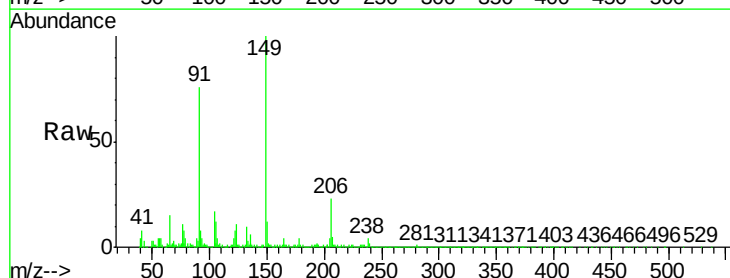
Tgt Ion:149 Resp: 288120

Ion Ratio Lower Upper

149 100

91 76.1 58.5 87.7

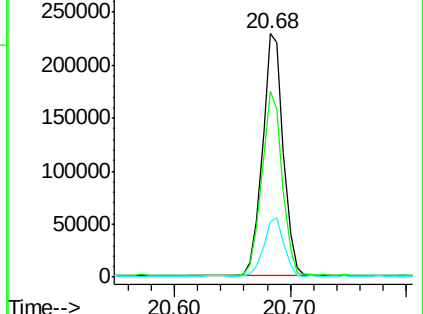
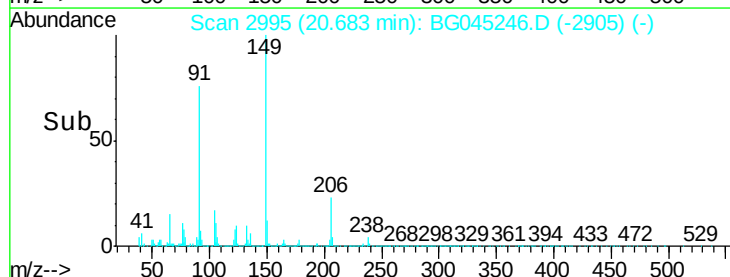
206 22.8 19.2 28.8

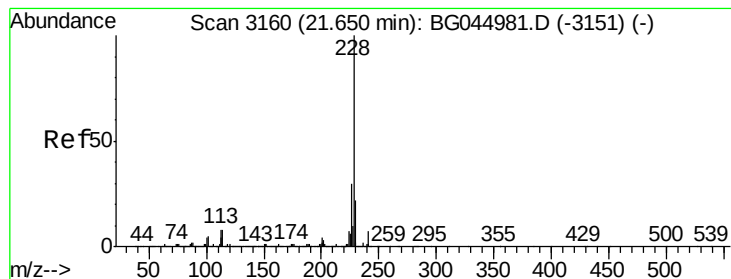


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.294 ng

RT: 21.63 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

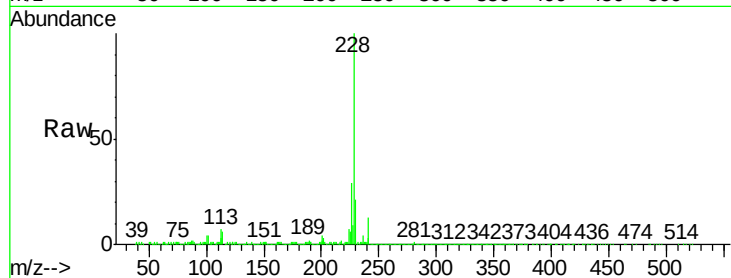
Tot Ion:228 Resp: 827398

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

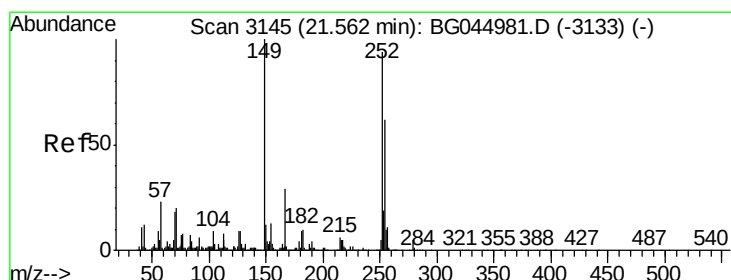
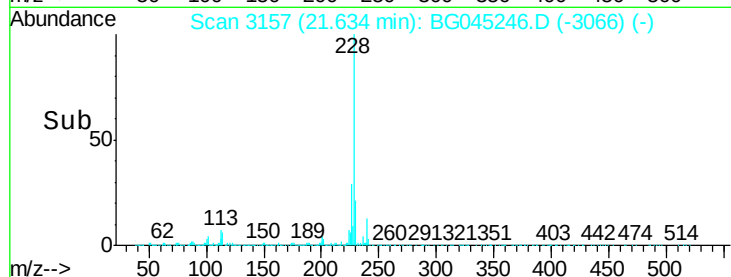
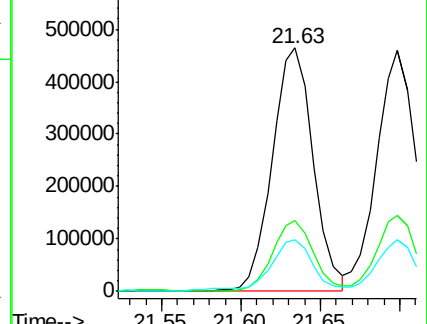
229 21.1 17.5 26.3



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: 22.363 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

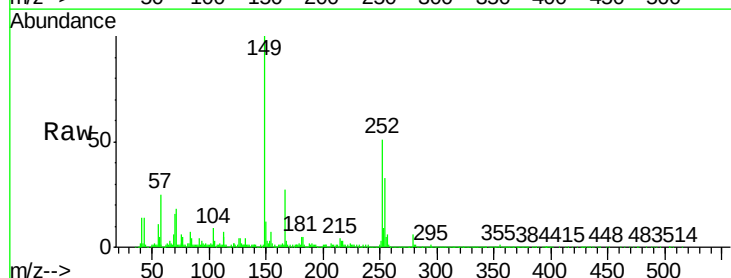
Tgt Ion:252 Resp: 243098

Ion Ratio Lower Upper

252 100

254 64.5 52.6 79.0

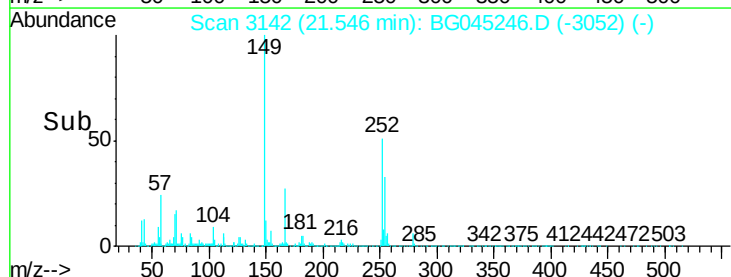
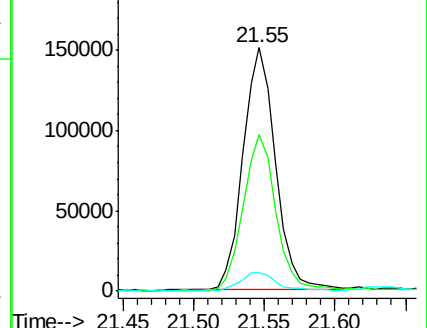
126 7.7 7.5 11.3

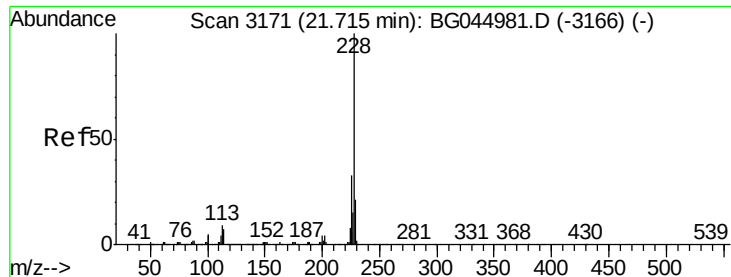


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 29.792 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

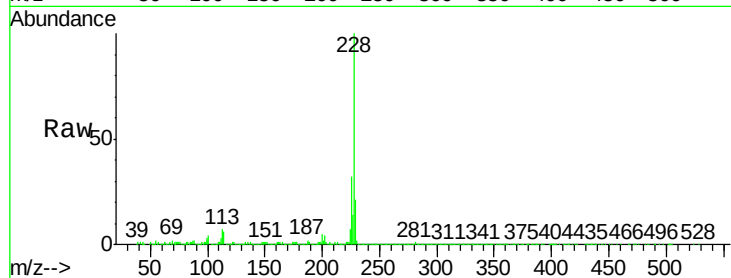
Tot Ion:228 Resp: 781802

Ion Ratio Lower Upper

228 100

226 31.7 26.2 39.4

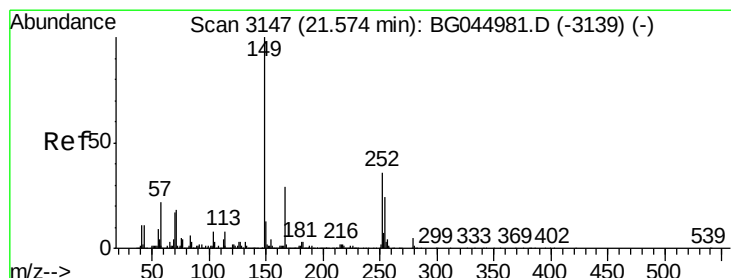
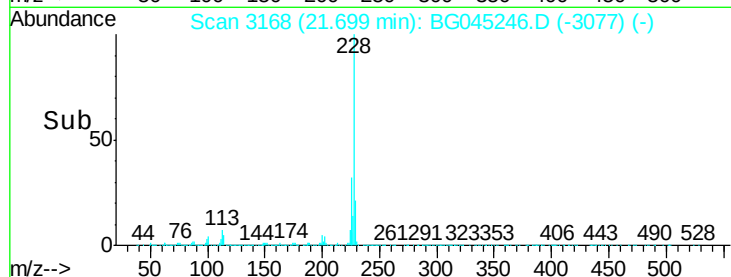
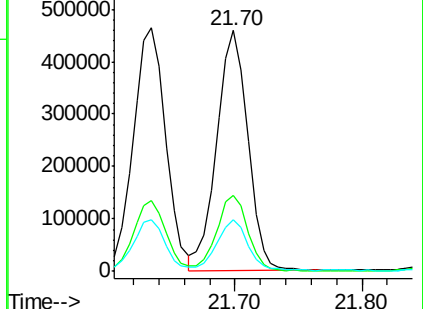
229 21.2 17.0 25.6



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: 25.279 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

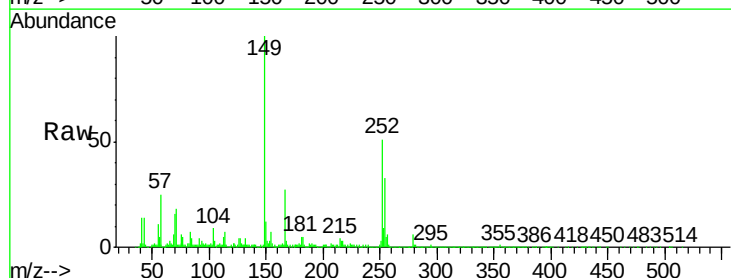
Tgt Ion:149 Resp: 418666

Ion Ratio Lower Upper

149 100

167 27.0 23.4 35.0

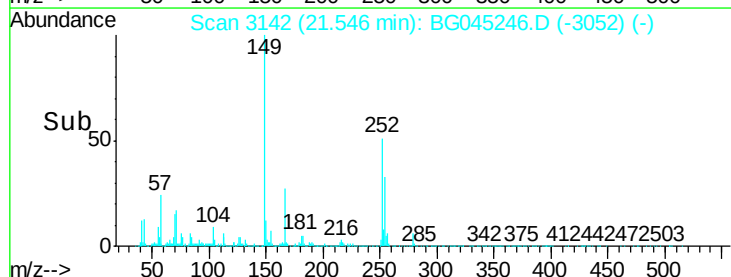
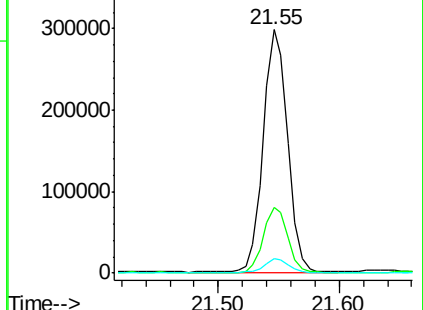
279 5.8 4.3 6.5

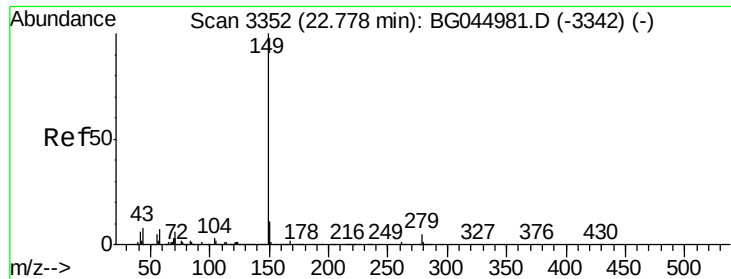


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 24.216 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

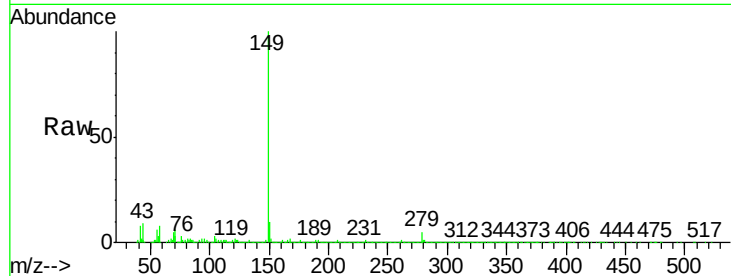
Tot Ion:149 Resp: 693545

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

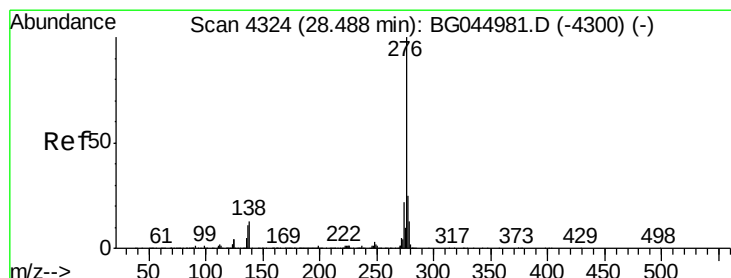
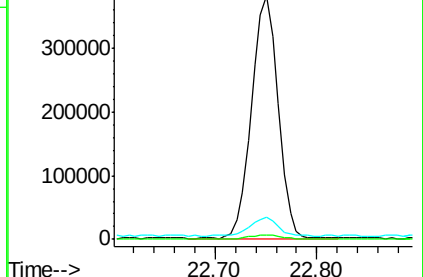
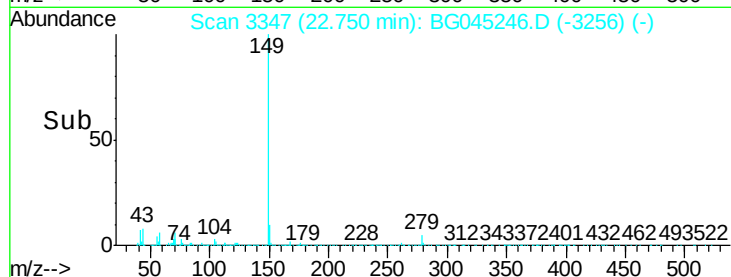
43 8.1 5.7 8.5



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 22.653 ng

RT: 28.45 min Scan# 4318

Delta R.T. 0.03 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

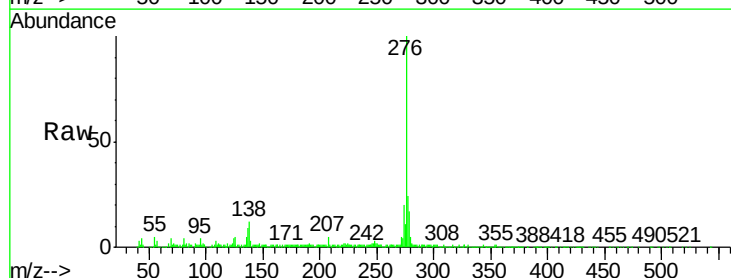
Tgt Ion:276 Resp: 789236

Ion Ratio Lower Upper

276 100

138 6.8 9.6 14.4#

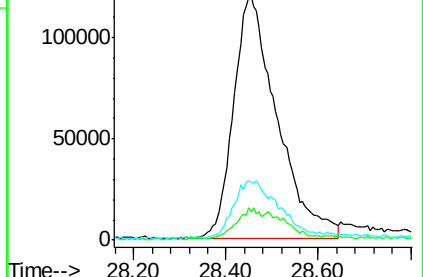
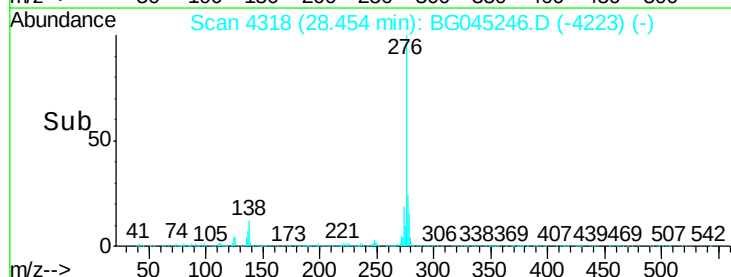
277 24.5 20.6 31.0

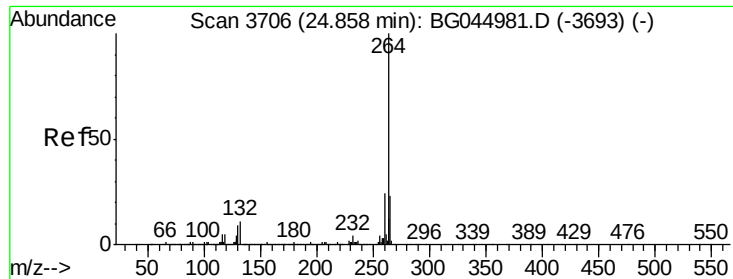


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.84 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

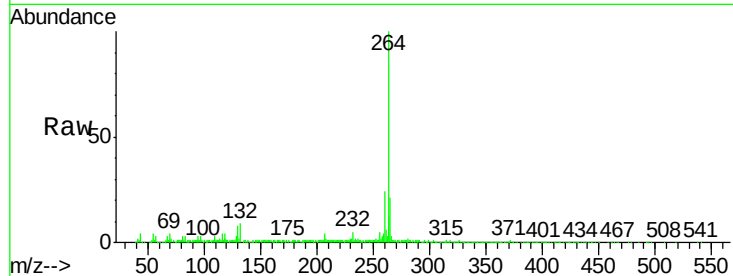
Tot Ion:264 Resp: 463724

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

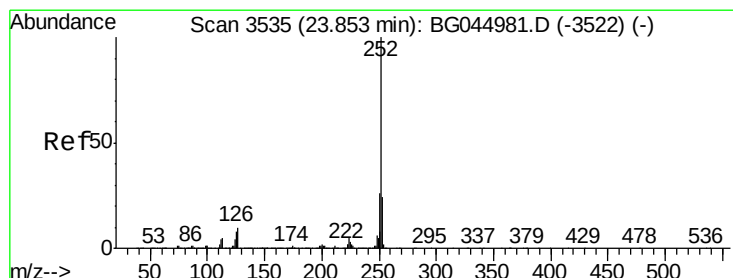
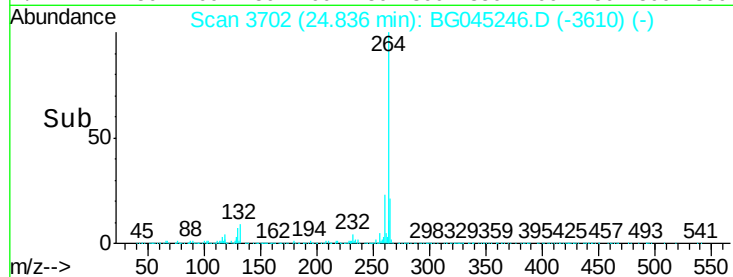
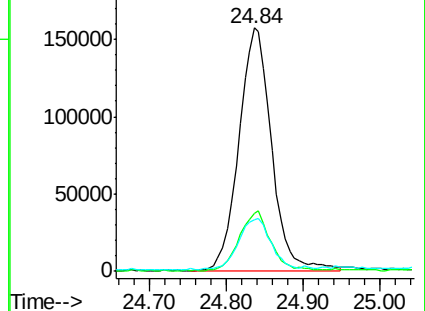
265 21.3 19.0 28.4



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: 29.023 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

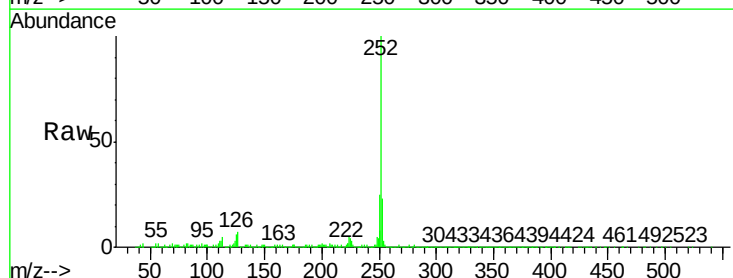
Tgt Ion:252 Resp: 843054

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

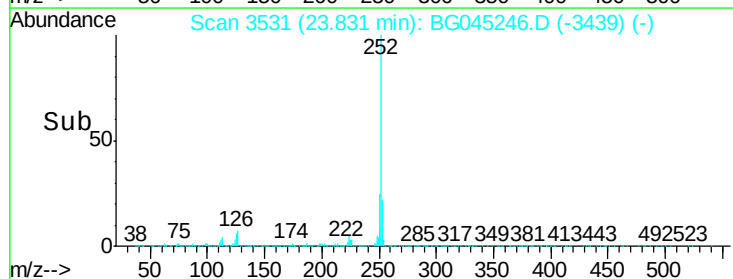
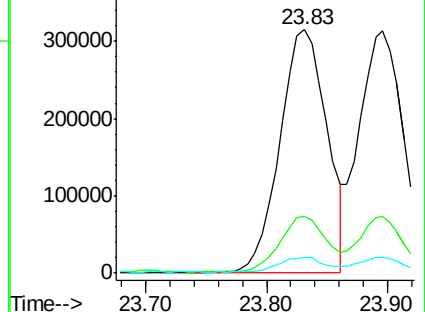
125 6.3 6.2 9.4

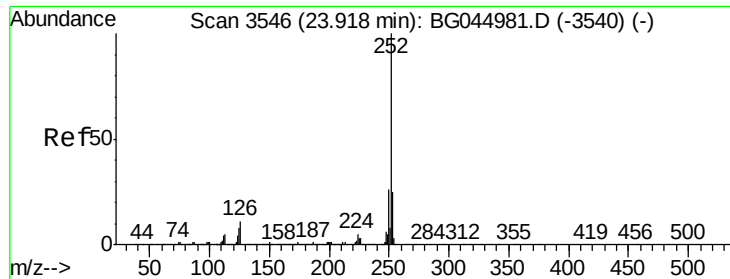


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 29.043 ng

RT: 23.90 min Scan# 3542

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

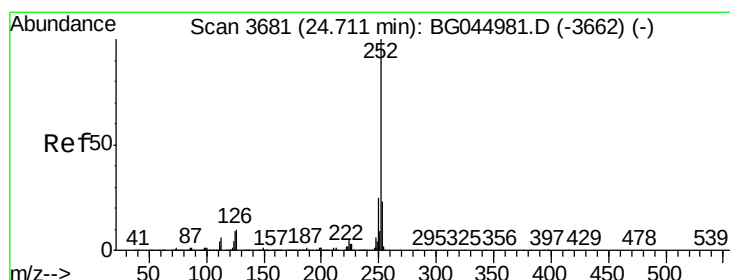
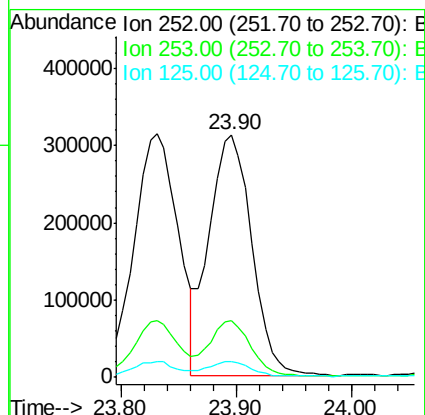
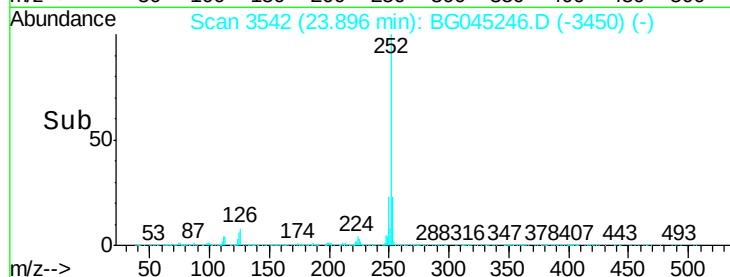
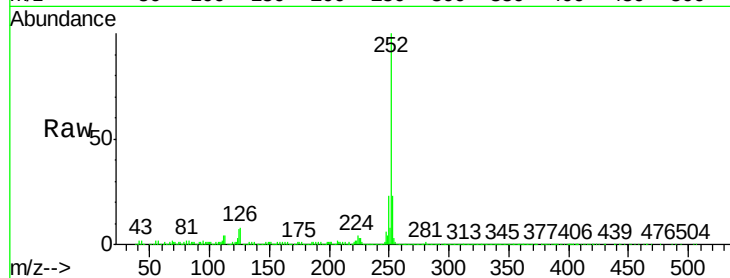
Tot Ion:252 Resp: 802286

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

125 6.6 5.9 8.9



#90

Benzo(a)pyrene

Concen: 28.306 ng

RT: 24.69 min Scan# 3677

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

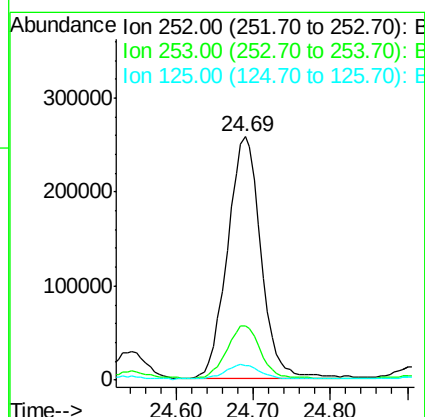
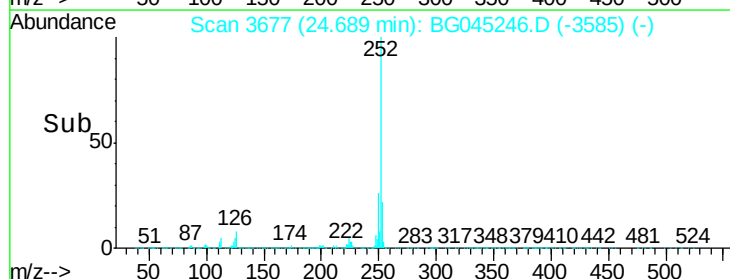
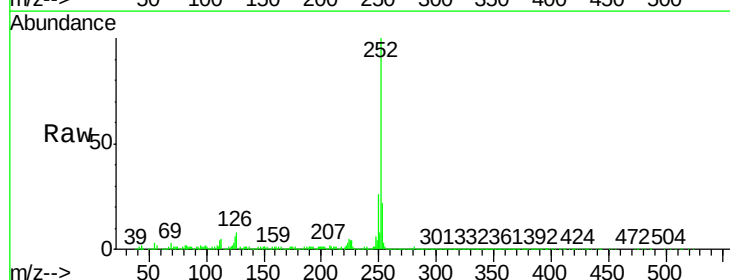
Tgt Ion:252 Resp: 776310

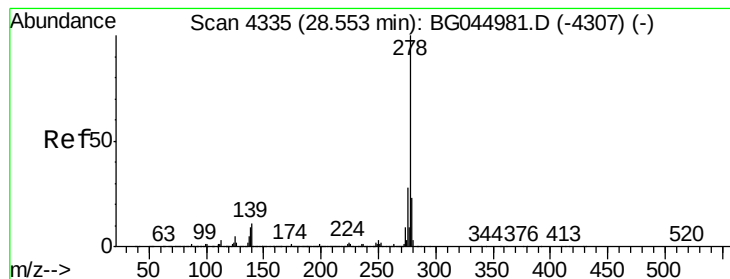
Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 6.0 7.0 10.6#





#91

Dibenzo(a,h)anthracene

Concen: 21.930 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.01 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMS

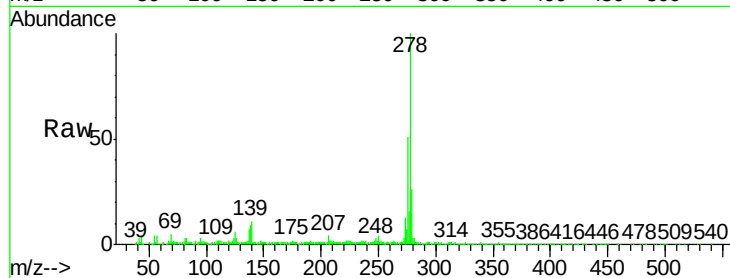
Tot Ion:278 Resp: 606026

Ion Ratio Lower Upper

278 100

139 10.9 9.0 13.6

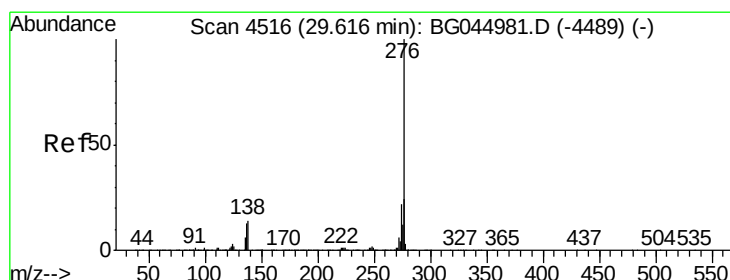
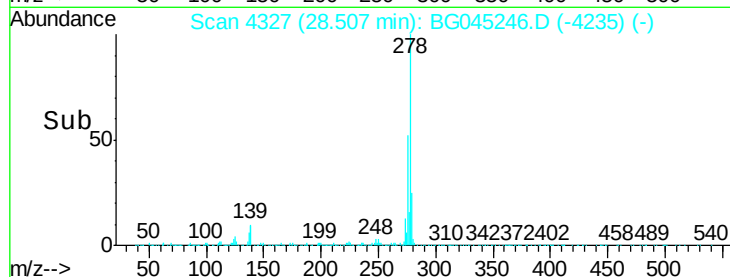
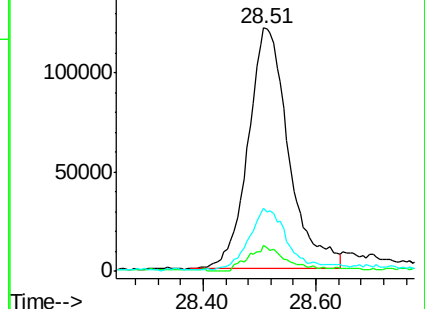
279 25.8 18.4 27.6



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: 21.425 ng

RT: 29.58 min Scan# 4509

Delta R.T. 0.02 min

Lab File: BG045246.D

Acq: 4 May 2020 23:15

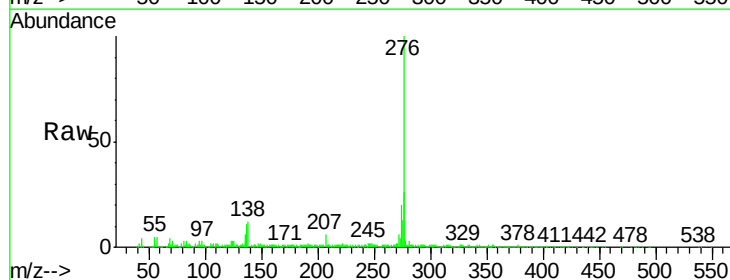
Tgt Ion:276 Resp: 593599

Ion Ratio Lower Upper

276 100

277 26.1 19.3 28.9

138 12.5 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

