

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045755.D
 Acq On : 13 Jun 2020 00:46
 Operator : CG/JU
 Sample : L2979-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Quant Time: Jun 13 01:42:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66241	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	251918	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170499	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	371274	20.00	ng	0.00
76) Chrysene-d12	21.60	240	307556	20.00	ng	0.00
87) Perylene-d12	24.75	264	334699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	383433	113.12	ng	0.05
7) Phenol-d6	7.21	99	555970	115.24	ng	0.07
23) Nitrobenzene-d5	9.12	82	355633	76.98	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	240939	110.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	792849	78.88	ng	0.00
79) Terphenyl-d14	19.96	244	1130576	85.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	59376	35.326	ng	# 94
3) Pyridine	3.81	79	172358	36.819	ng	95
4) n-Nitrosodimethylamine	3.72	42	77510	50.600	ng	81
6) Aniline	7.29	93	178351	28.320	ng	97
8) 2-Chlorophenol	7.55	128	206474	55.548	ng	98
9) Benzaldehyde	7.09	77	145750	46.371	ng	94
10) Phenol	7.24	94	282807	56.879	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	180041	46.423	ng	98
12) 1,3-Dichlorobenzene	7.84	146	213844	47.874	ng	99
13) 1,4-Dichlorobenzene	7.99	146	215314	48.845	ng	99
14) 1,2-Dichlorobenzene	8.30	146	201360	47.493	ng	97
15) Benzyl Alcohol	8.22	79	208694	52.366	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	171397	46.559	ng	# 32
17) 2-Methylphenol	8.46	107	182442	49.023	ng	# 92
18) Hexachloroethane	9.03	117	80222	47.517	ng	85
19) n-Nitroso-di-n-propylamine	8.76	70	167776	50.292	ng	96
20) 3+4-Methylphenols	8.80	107	241430	47.640	ng	93
22) Acetophenone	8.77	105	302509	50.665	ng	99
24) Nitrobenzene	9.16	77	252979	51.112	ng	96
25) Isophorone	9.68	82	442104	48.594	ng	99
26) 2-Nitrophenol	9.87	139	116050	54.810	ng	96
27) 2,4-Dimethylphenol	9.98	122	182570	58.137	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	248791	52.144	ng	99
29) 2,4-Dichlorophenol	10.45	162	207630	55.990	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	228555	52.159	ng	99
31) Naphthalene	10.81	128	602408	51.316	ng	99
32) Benzoic acid	10.21	122	124107	55.998	ng	91
33) 4-Chloroaniline	10.93	127	96350	19.635	ng	97
34) Hexachlorobutadiene	11.10	225	160843	51.928	ng	96
35) Caprolactam	11.72	113	64073	47.073	ng	87
36) 4-Chloro-3-methylphenol	12.12	107	233031	55.767	ng	93
37) 2-Methylnaphthalene	12.42	142	450239	51.458	ng	94
38) 1-Methylnaphthalene	12.42	142	450239	54.474	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	258504	54.281	ng	99

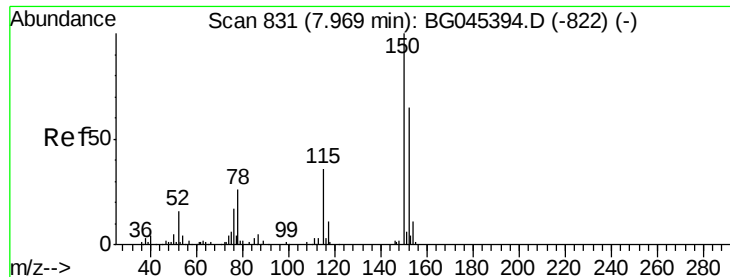
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045755.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	255002	92.771	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	183638	55.510	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	194347	51.409	nq	98
46) 1,1'-Biphenyl	13.43	154	565742	54.002	nq	100
47) 2-Chloronaphthalene	13.47	162	444163	52.210	nq	98
48) 2-Nitroaniline	13.69	65	141960	50.729	nq	92
49) Acenaphthylene	14.32	152	705310	51.615	nq	99
50) Dimethylphthalate	14.06	163	624036	53.354	nq	100
51) 2,6-Dinitrotoluene	14.18	165	130964	49.622	nq	98
52) Acenaphthene	14.66	154	427219	46.706	nq	100
53) 3-Nitroaniline	14.53	138	87347	32.557	nq	98
54) 2,4-Dinitrophenol	14.73	184	119471	69.847	nq	98
55) Dibenzofuran	15.00	168	677110	49.849	nq	95
56) 4-Nitrophenol	14.93	139	158225	77.897	nq	88
57) 2,4-Dinitrotoluene	14.97	165	179490	46.959	nq	95
58) Fluorene	15.65	166	568125	50.910	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	174482	52.461	nq	98
60) Diethylphthalate	15.42	149	578778	47.543	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	315973	49.481	nq	98
62) 4-Nitroaniline	15.70	138	106938	38.181	nq	96
63) Azobenzene	15.93	77	572184	50.407	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	106186	49.108	nq	96
66) n-Nitrosodiphenylamine	15.86	169	488807	54.834	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	214434	53.338	nq	99
68) Hexachlorobenzene	16.66	284	231671	55.096	nq	98
69) Atrazine	16.81	200	179080	48.773	nq	98
70) Pentachlorophenol	17.02	266	222055	101.704	nq	98
71) Phenanthrene	17.39	178	903415	55.738	nq	100
72) Anthracene	17.48	178	870766	53.497	nq	98
73) Carbazole	17.76	167	768372	48.429	nq	100
74) Di-n-butylphthalate	18.31	149	906888	47.623	nq	99
75) Fluoranthene	19.40	202	1070292	51.916	nq	98
77) Benzidine	19.58	184	361128	41.808	nq	99
78) Pyrene	19.76	202	1023474	58.378	nq	99
80) Butylbenzylphthalate	20.65	149	382549	50.552	nq	96
81) Benzo(a)anthracene	21.59	228	925593	54.024	nq	100
82) 3,3'-Dichlorobenzidine	21.50	252	231512	34.448	nq	99
83) Chrysene	21.65	228	895719	54.372	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	535700	51.498	nq	100
85) Di-n-octyl phthalate	22.68	149	874469	48.945	nq	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1147874	53.284	nq	99
88) Benzo(b)fluoranthene	23.76	252	972487	54.177	nq	98
89) Benzo(k)fluoranthene	23.83	252	944709	56.019	nq	99
90) Benzo(a)pyrene	24.61	252	895288	53.554	nq	99
91) Dibenzo(a,h)anthracene	28.39	278	923126	54.949	nq	97
92) Benzo(g,h,i)perylene	29.45	276	926689	55.155	nq	96

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

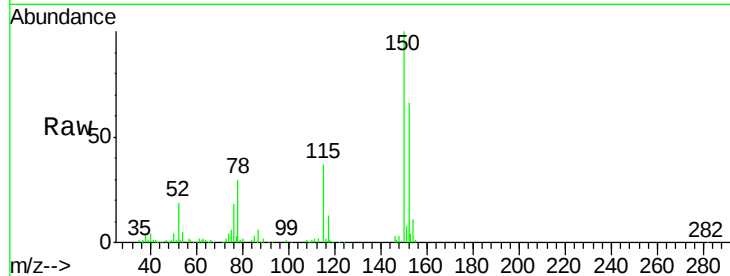


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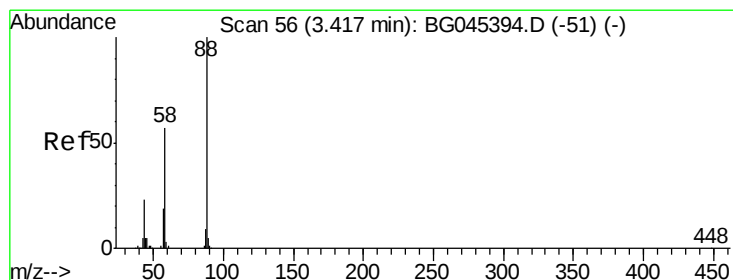
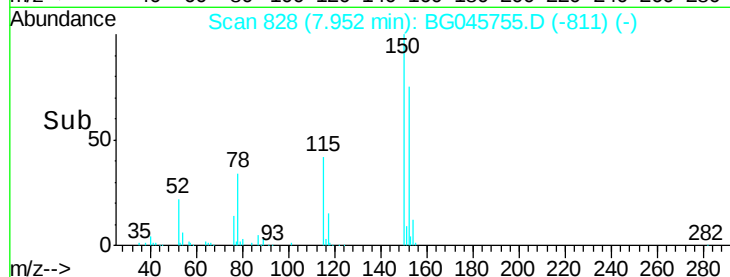
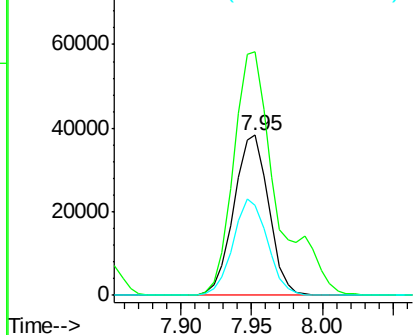
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:152 Resp: 66241
Ion Ratio Lower Upper
152 100
150 152.0 122.4 183.6
115 56.5 44.2 66.4



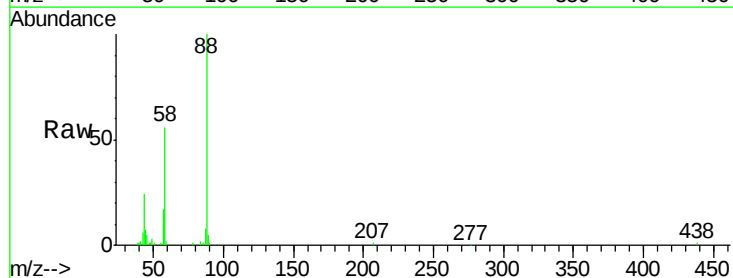
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



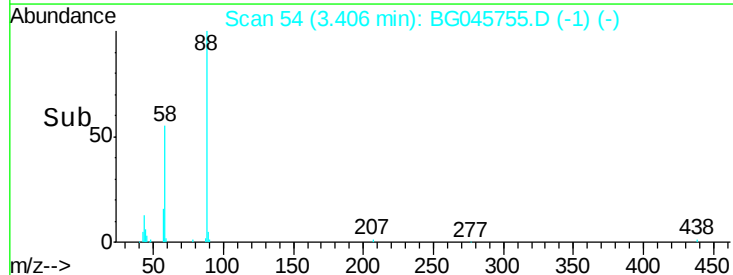
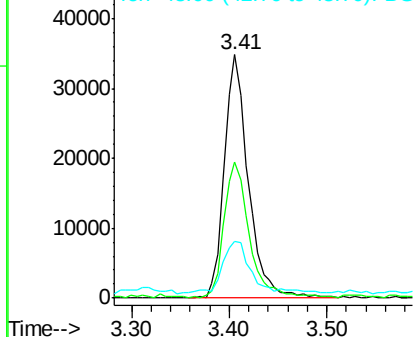
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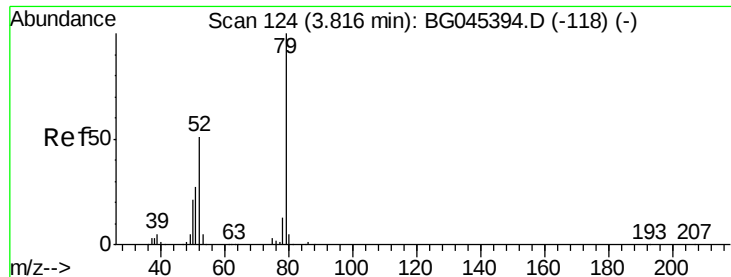
1,4-Dioxane
Concen: 35.326 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion: 88 Resp: 59376
Ion Ratio Lower Upper
88 100
58 59.1 45.7 68.5
43 27.3 16.8 25.2#



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: 36.819 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

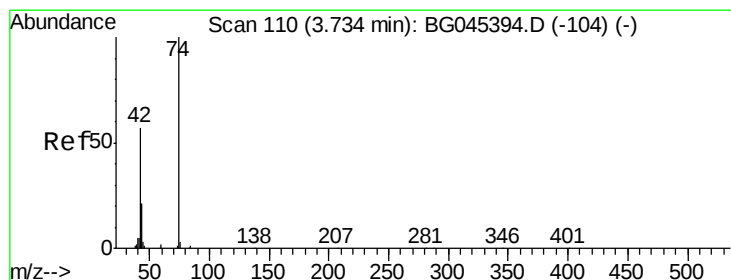
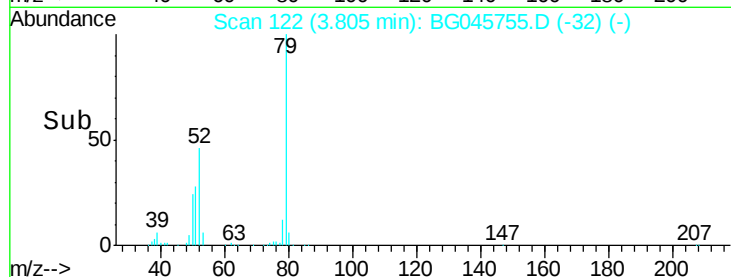
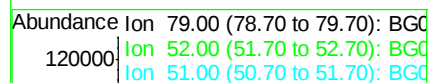
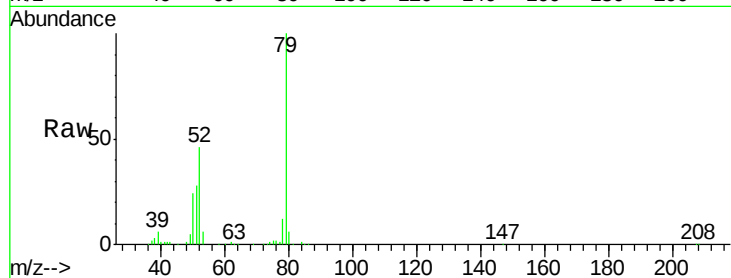
Tot Ion: 79 Resp: 172358

Ion Ratio Lower Upper

79 100

52 45.9 40.8 61.2

51 28.5 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 50.600 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

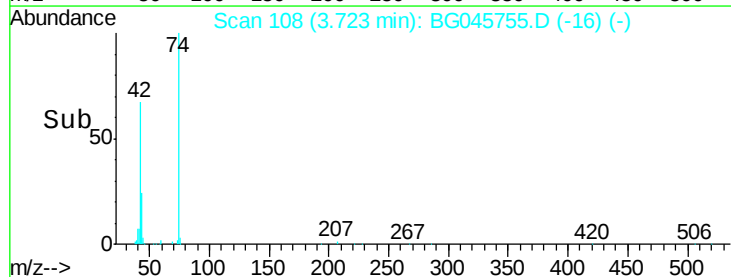
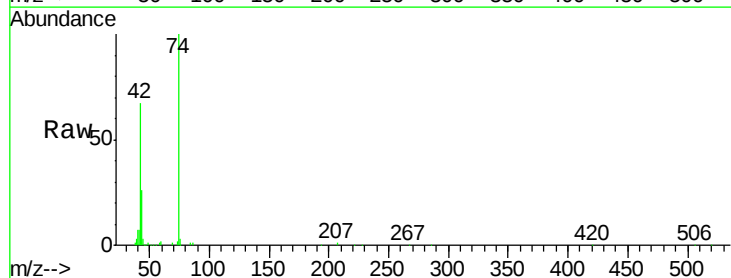
Tgt Ion: 42 Resp: 77510

Ion Ratio Lower Upper

42 100

74 149.4 141.3 211.9

44 5.1 4.2 6.4





#5

2-Fluorophenol

Concen: 113.124 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.05 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

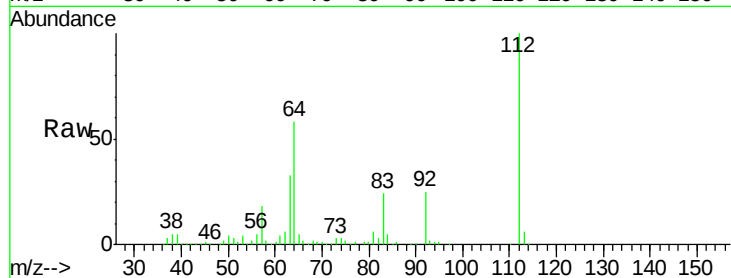
Tot Ion:112 Resp: 383433

Ion Ratio Lower Upper

112 100

64 58.2 48.6 72.8

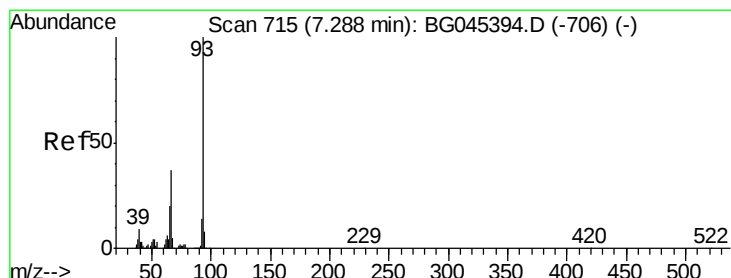
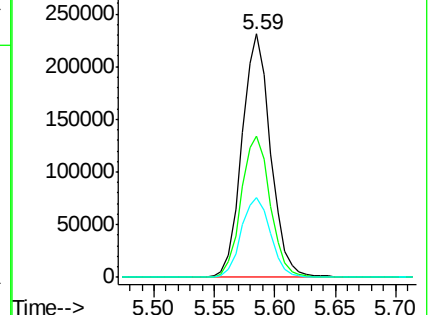
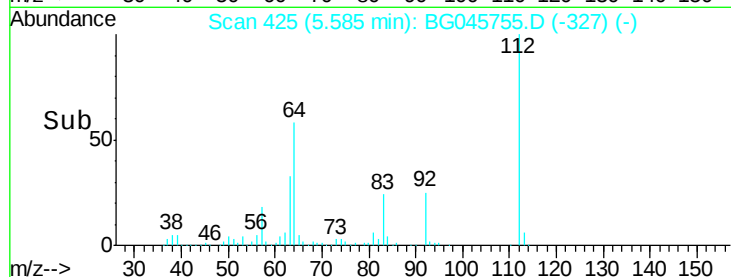
63 32.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.320 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

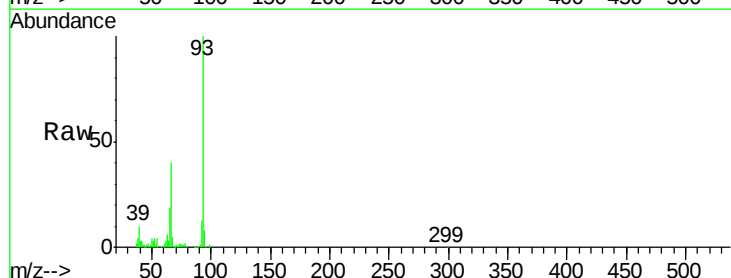
Tgt Ion: 93 Resp: 178351

Ion Ratio Lower Upper

93 100

66 39.6 29.6 44.4

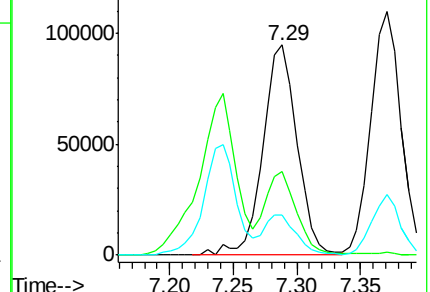
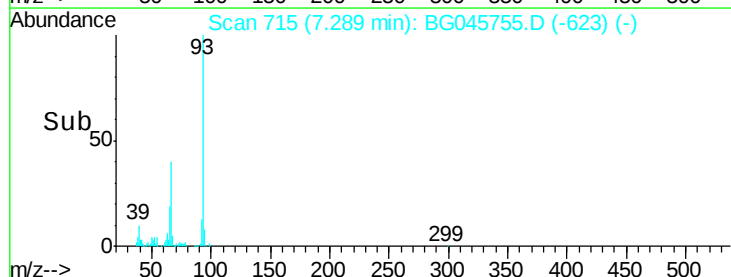
65 19.2 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.244 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.07 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

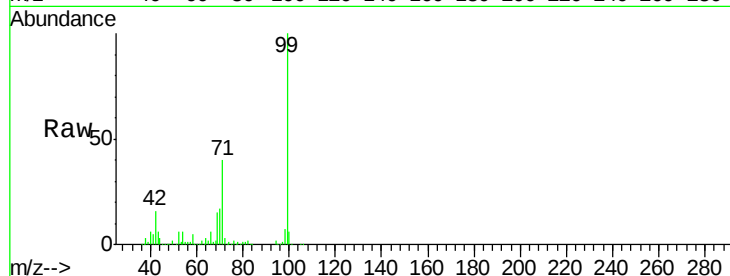
Tot Ion: 99 Resp: 555970

Ion Ratio Lower Upper

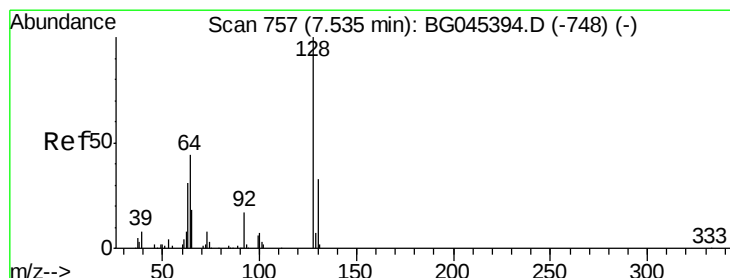
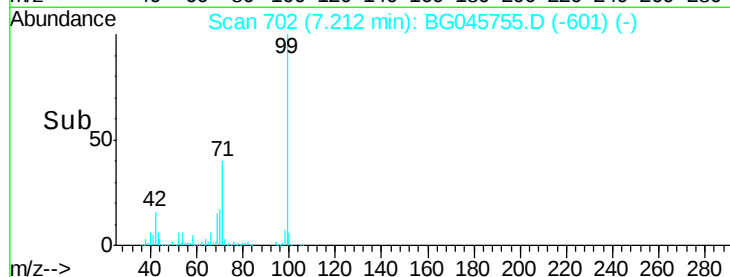
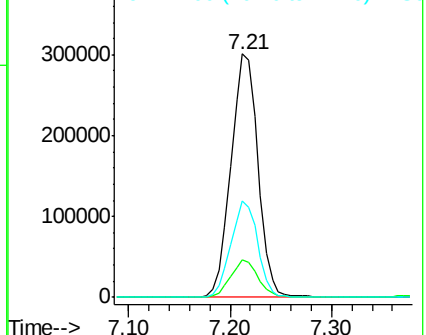
99 100

42 15.6 11.3 16.9

71 39.7 30.8 46.2



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: 55.548 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

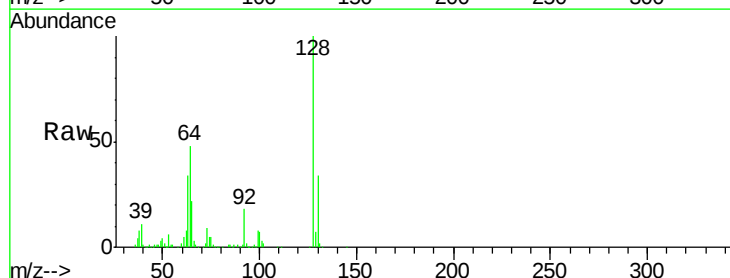
Tgt Ion: 128 Resp: 206474

Ion Ratio Lower Upper

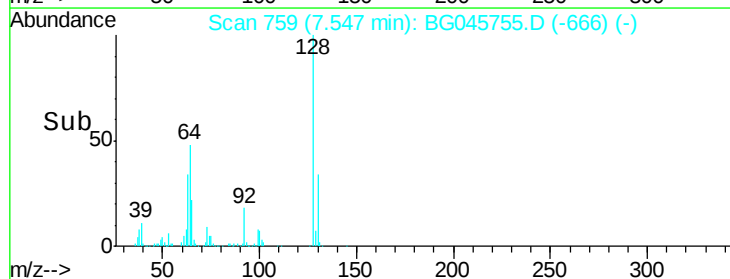
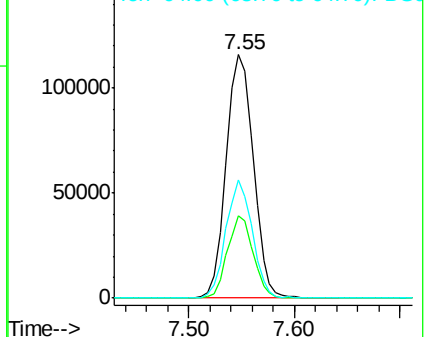
128 100

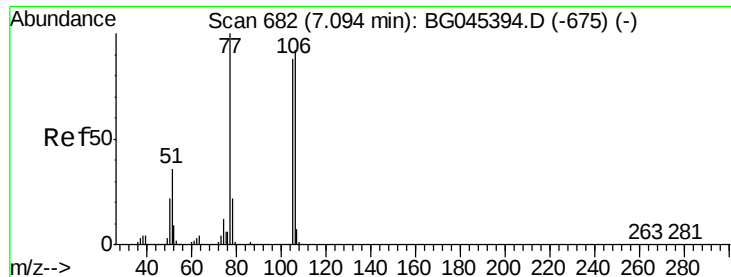
130 33.7 12.6 52.6

64 48.3 27.0 67.0



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: 46.371 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

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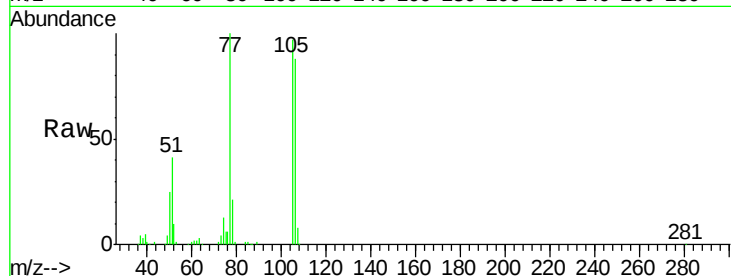
Tot Ion: 77 Resp: 145750

Ion Ratio Lower Upper

77 100

105 97.4 68.5 108.5

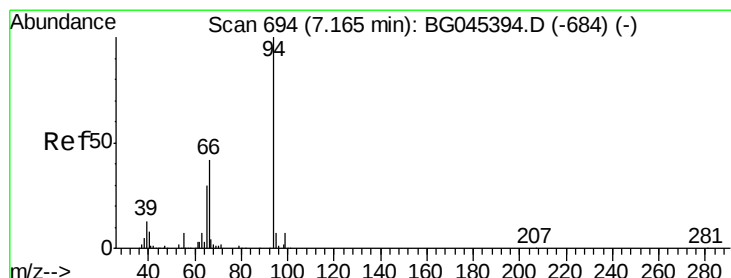
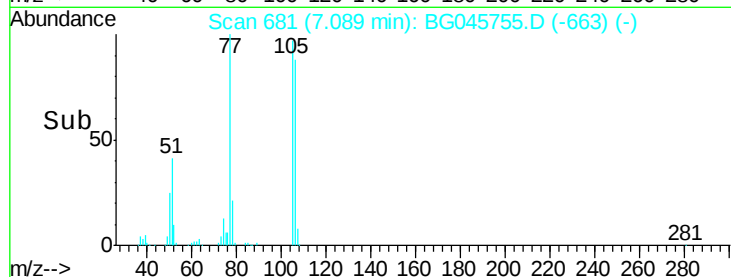
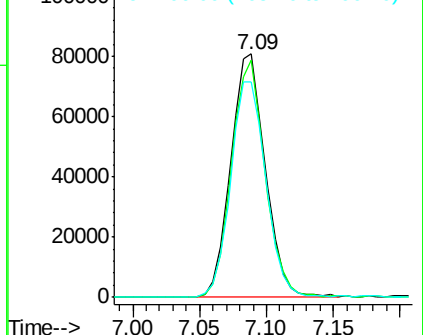
106 88.5 71.6 111.6



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: 56.879 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.07 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

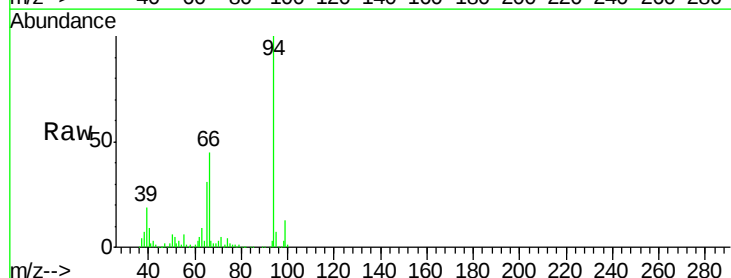
Tgt Ion: 94 Resp: 282807

Ion Ratio Lower Upper

94 100

65 30.5 9.8 49.8

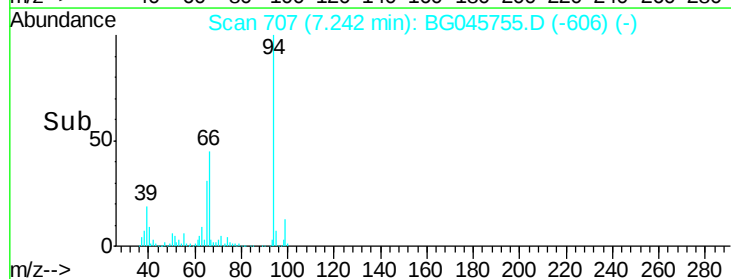
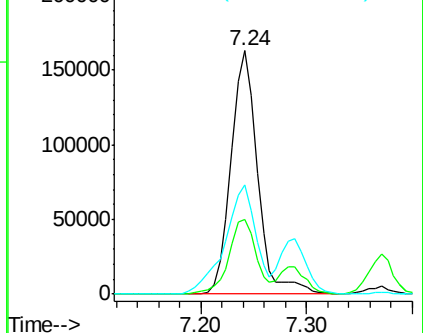
66 44.6 22.0 62.0



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: 46.423 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

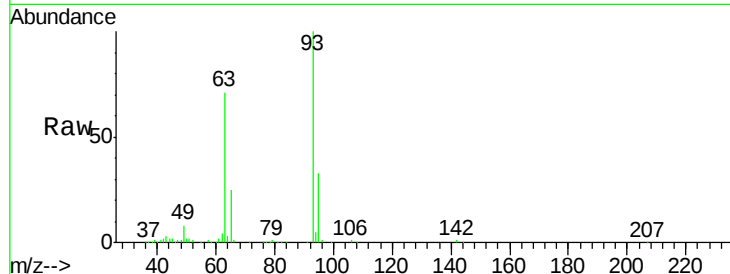
Tot Ion: 93 Resp: 180041

Ion Ratio Lower Upper

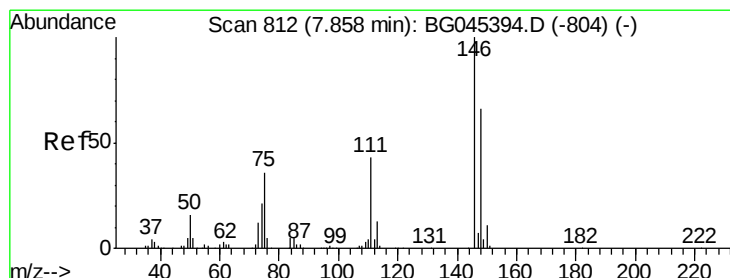
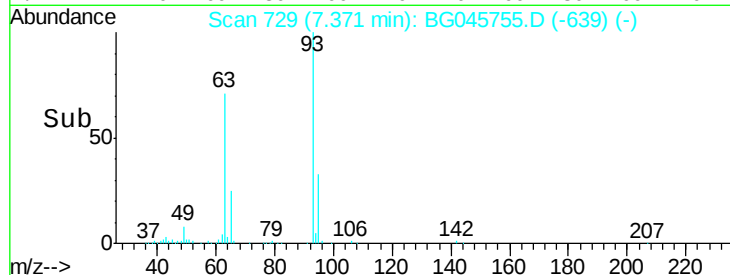
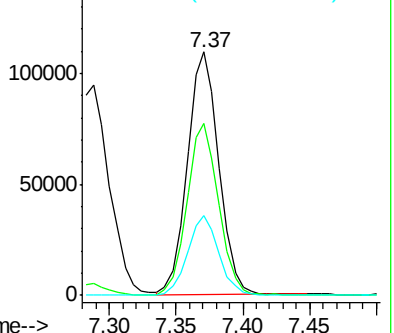
93 100

63 70.6 48.4 88.4

95 32.6 12.4 52.4



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: 47.874 ng

RT: 7.84 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

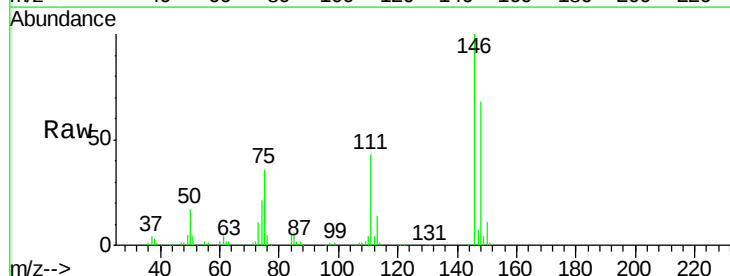
Tgt Ion: 146 Resp: 213844

Ion Ratio Lower Upper

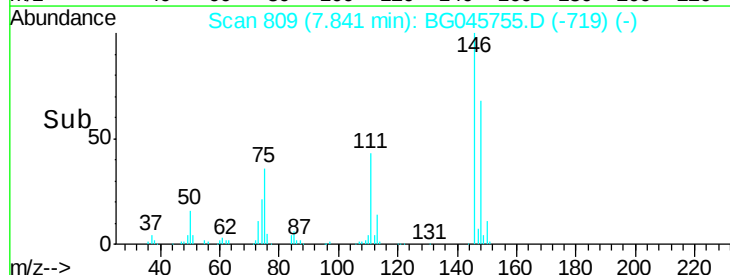
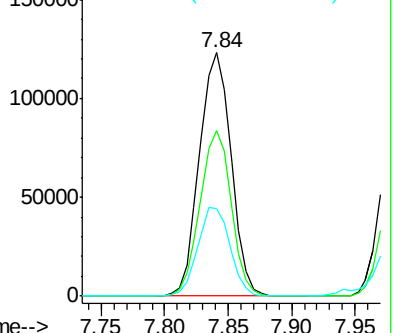
146 100

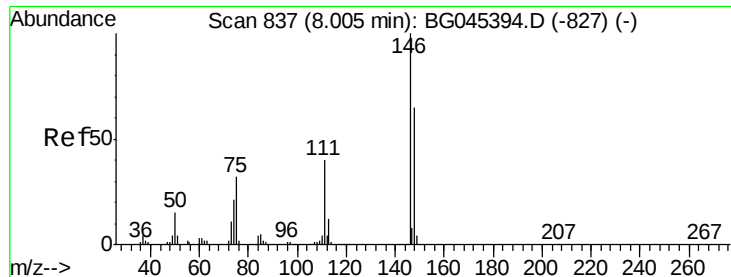
148 67.9 53.2 79.8

75 35.8 28.6 43.0



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: 48.845 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

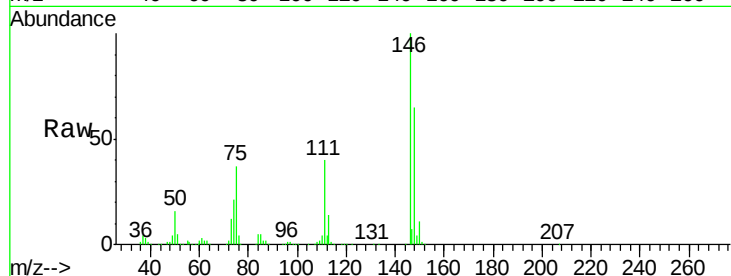
Tot Ion:146 Resp: 215314

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

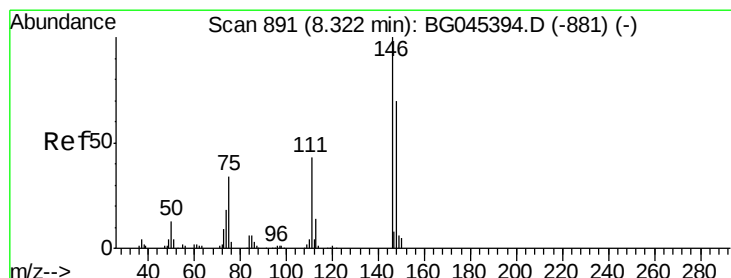
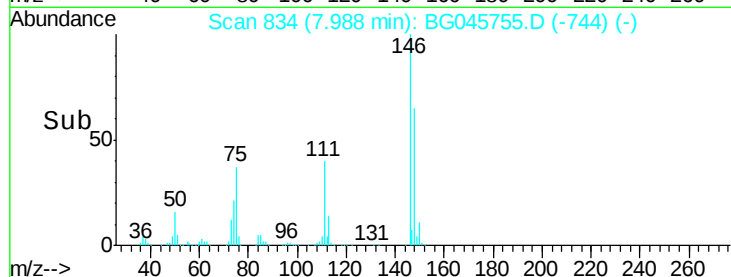
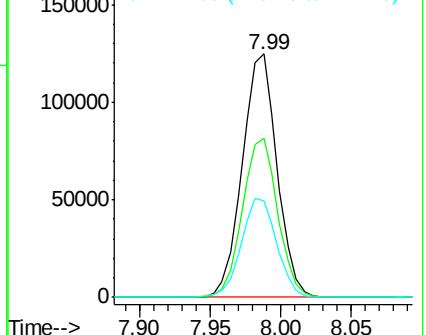
111 39.9 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.493 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

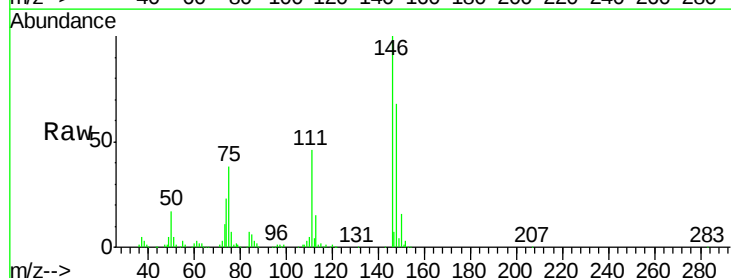
Tgt Ion:146 Resp: 201360

Ion Ratio Lower Upper

146 100

148 67.6 55.9 83.9

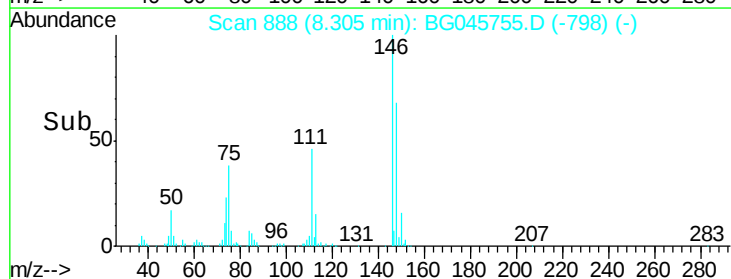
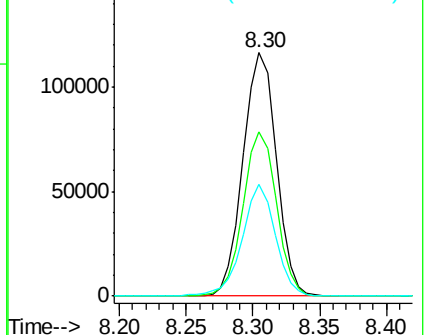
111 45.9 35.0 52.4



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: 52.366 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.02 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

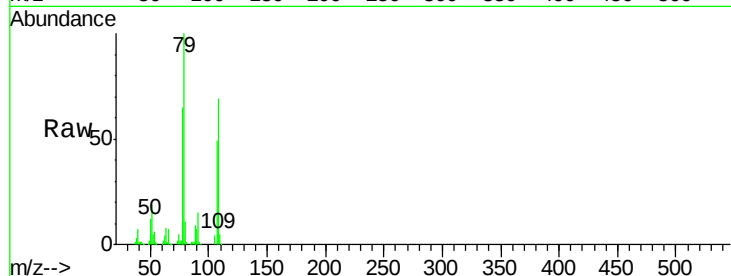
Tot Ion: 79 Resp: 208694

Ion Ratio Lower Upper

79 100

108 69.2 58.2 87.4

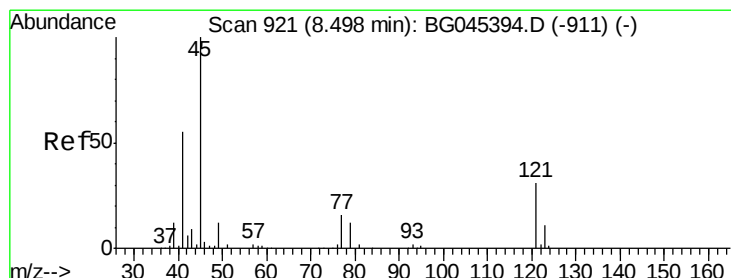
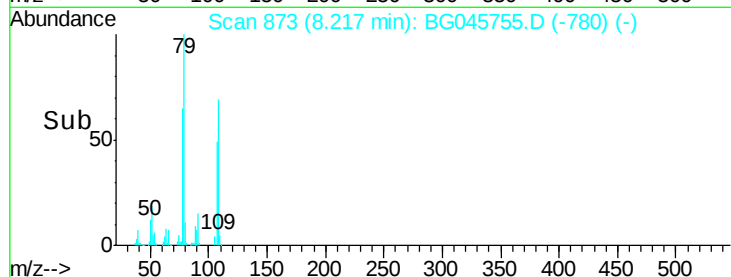
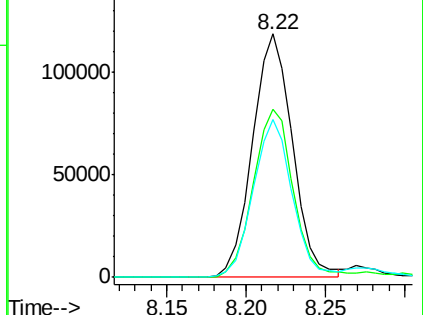
77 64.8 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.559 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

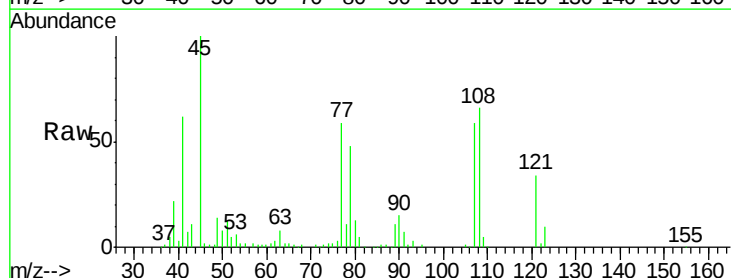
Tgt Ion: 45 Resp: 171397

Ion Ratio Lower Upper

45 100

77 58.8 4.0 44.0#

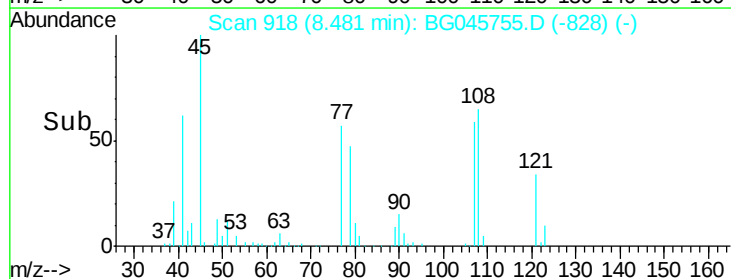
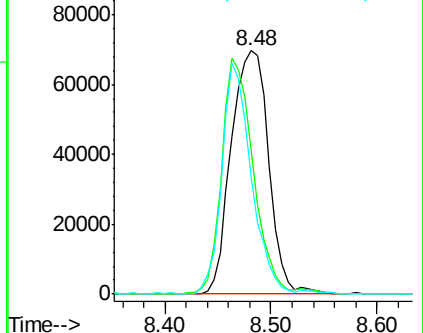
79 48.0 0.0 38.6#

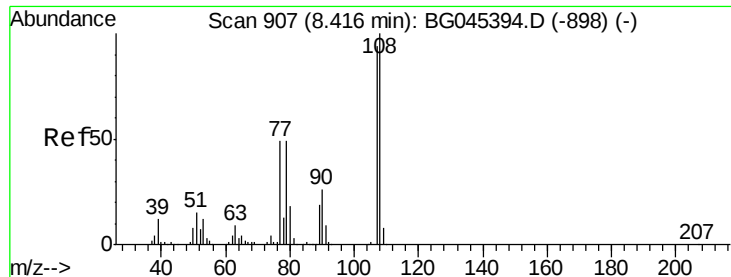


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.023 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.04 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

Tot Ion:107 Resp: 182442

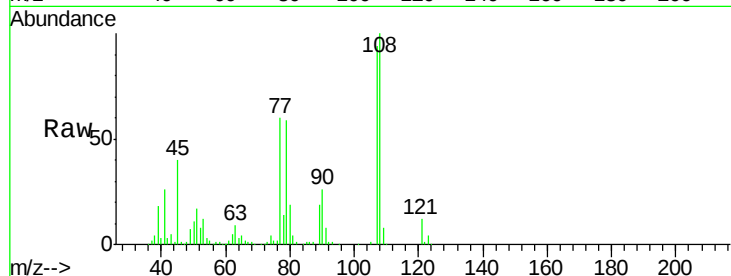
Ion Ratio Lower Upper

107 100

108 106.1 85.2 127.8

77 63.7 41.6 62.4#

79 62.1 41.8 62.8

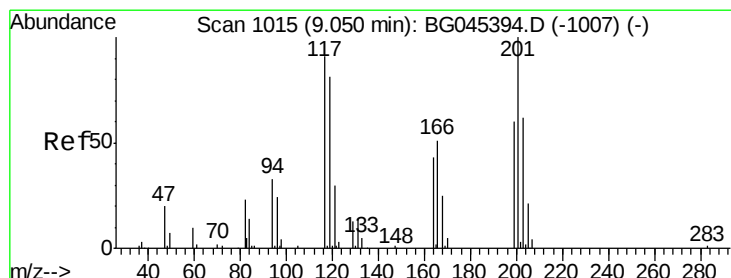
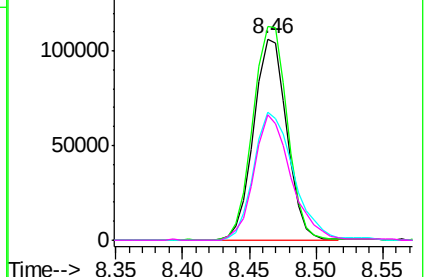
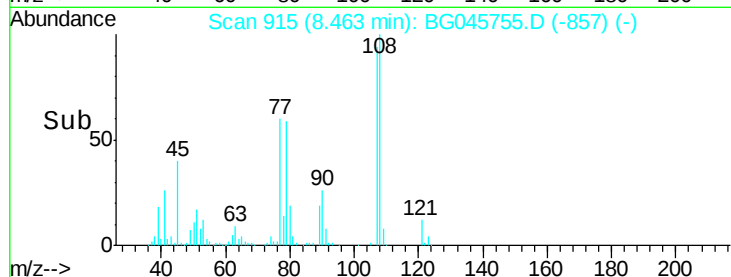


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.517 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

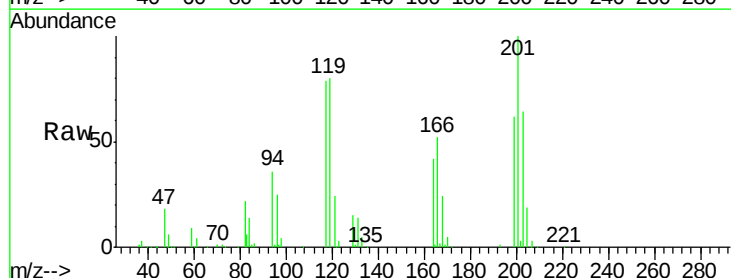
Tgt Ion:117 Resp: 80222

Ion Ratio Lower Upper

117 100

119 101.1 71.3 106.9

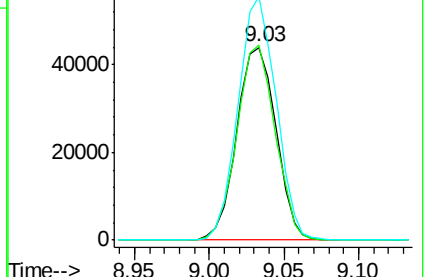
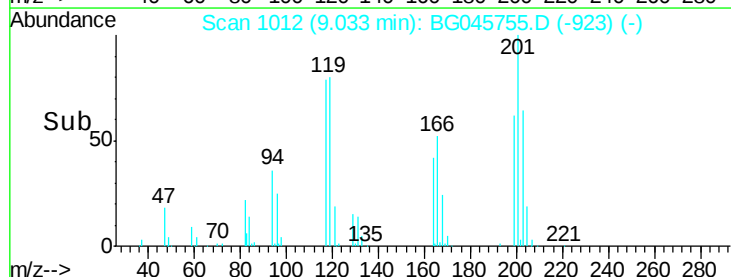
201 126.4 87.5 131.3

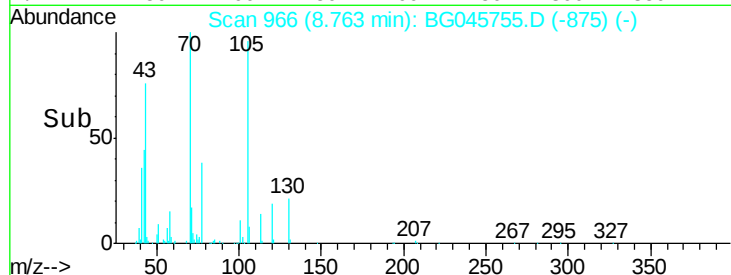
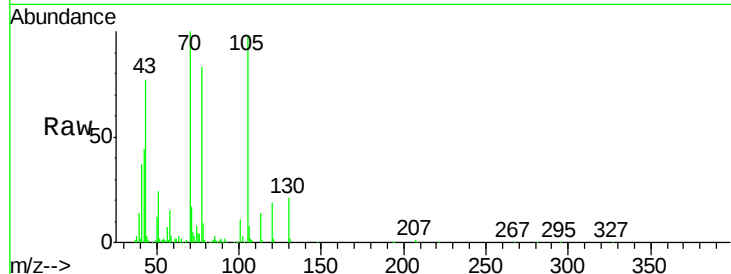


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

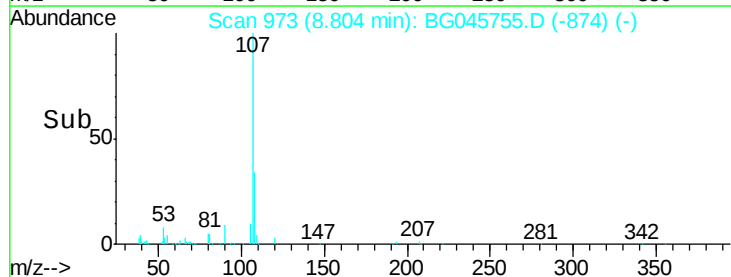
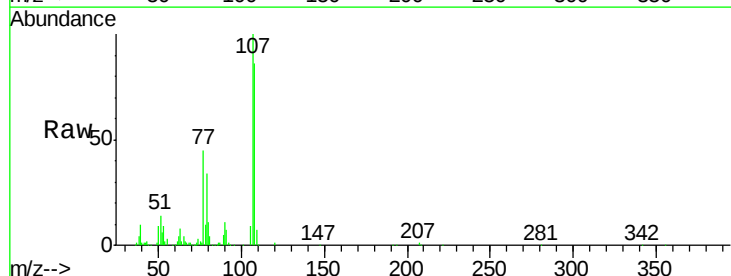
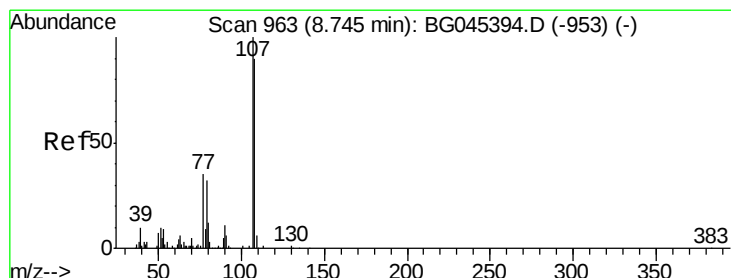
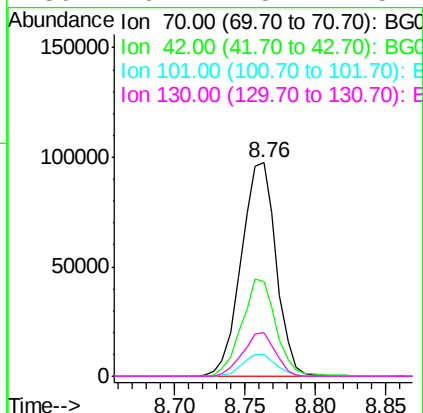




#19
n-Nitroso-di-n-propylamine
Concen: 50.292 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

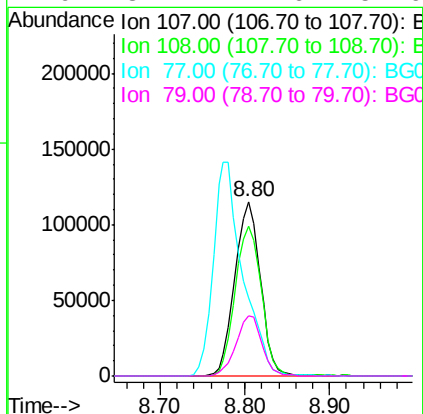
Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:	70	Resp:	167776
Ion	Ratio	Lower	Upper
70	100		
42	44.2	33.2	49.8
101	10.5	7.8	11.6
130	20.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 47.640 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.05 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:	107	Resp:	241430
Ion	Ratio	Lower	Upper
107	100		
108	85.6	70.3	110.3
77	44.5	15.4	55.4
79	34.4	12.6	52.6

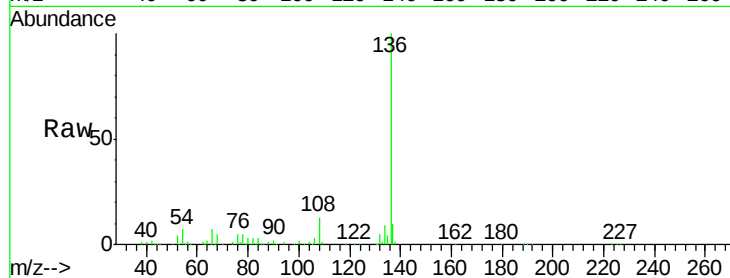




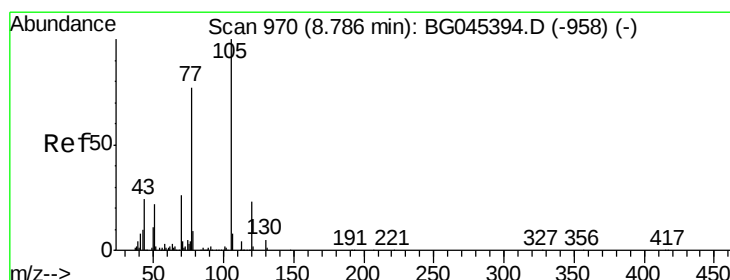
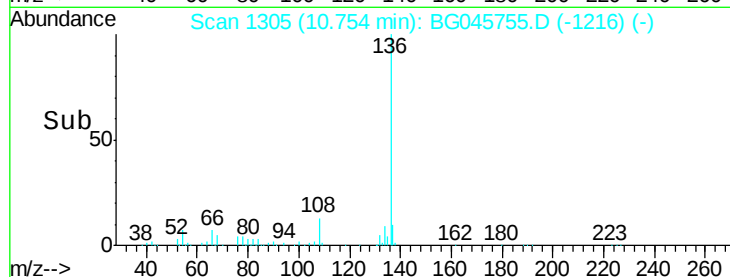
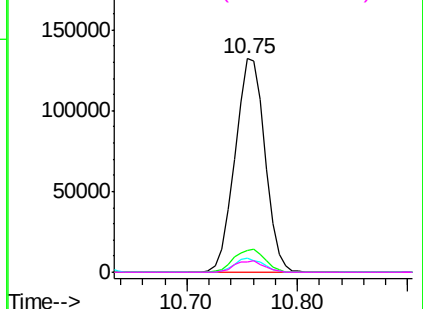
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:136	Resp: 251918
Ion Ratio	Lower Upper
136 100	
137 10.3	9.4 14.2
54 6.6	5.8 8.6
68 4.7	4.5 6.7

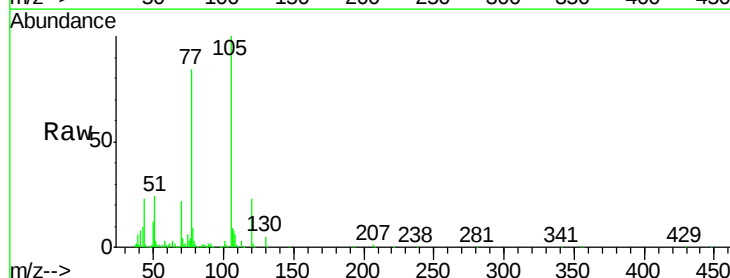


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

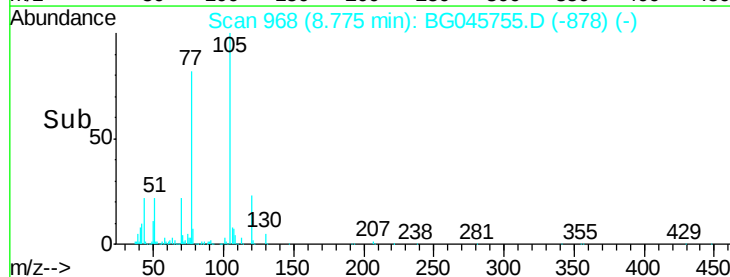
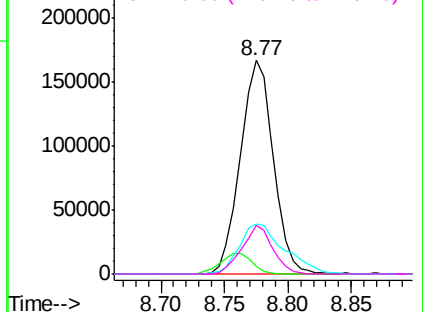


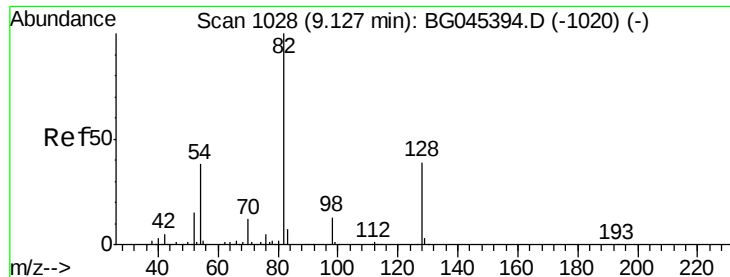
#22
Acetophenone
Concen: 50.665 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt	Ion:105	Resp:	302509
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	23.5	18.2	27.2
120	22.8	18.6	27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

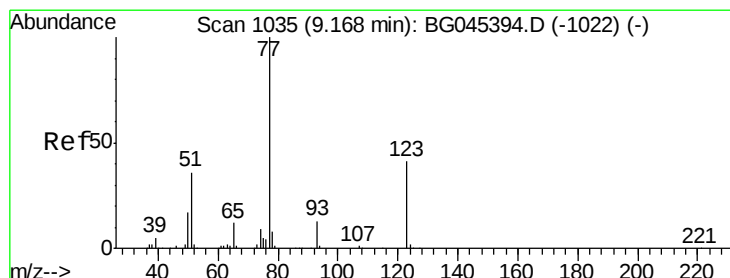
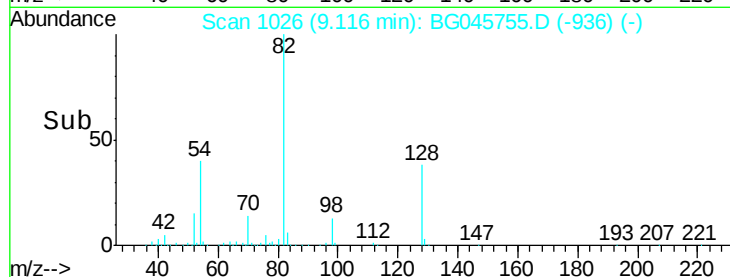
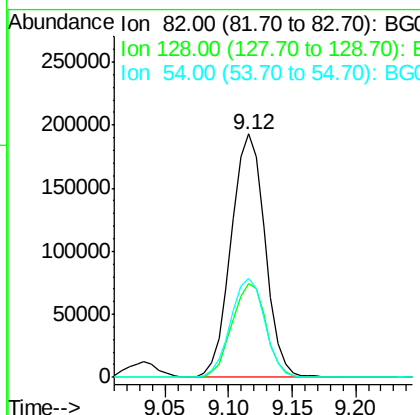
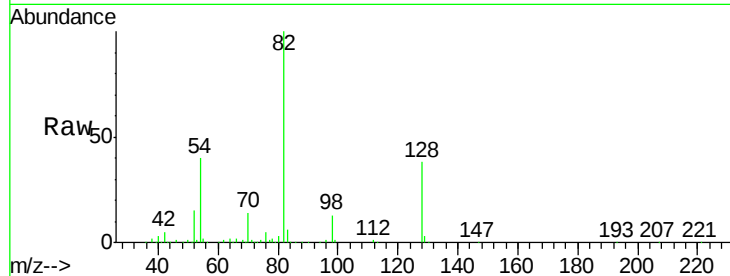




#23
Nitrobenzene-d5
Concen: 76.982 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

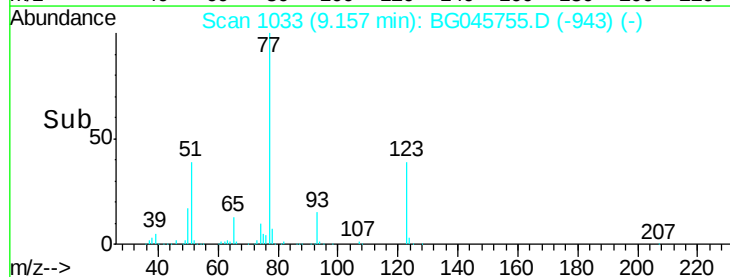
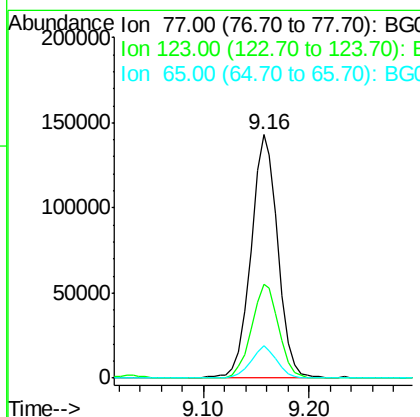
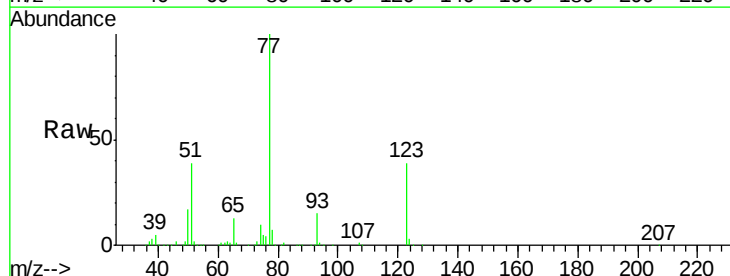
Instrument :
BNA_G
ClientSampleId :
15-SPMS

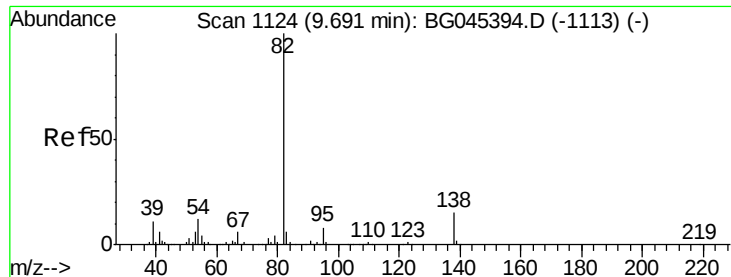
Tot Ion	82	Resp	355633
Ion Ratio	100	Lower	Upper
128	38.3	30.9	46.3
54	40.5	30.3	45.5



#24
Nitrobenzene
Concen: 51.112 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	77	Resp	252979
Ion Ratio	100	Lower	Upper
123	38.5	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 48.594 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

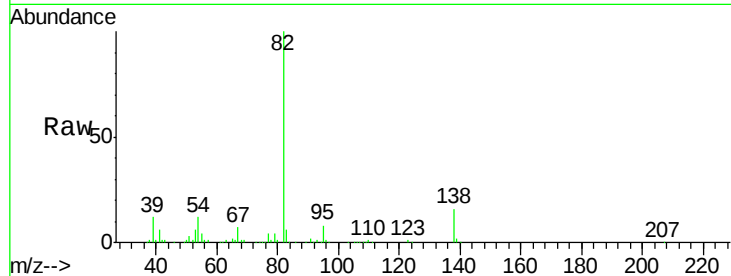
Tot Ion: 82 Resp: 442104

Ion Ratio Lower Upper

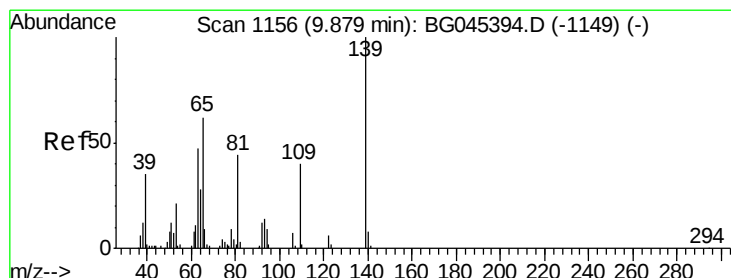
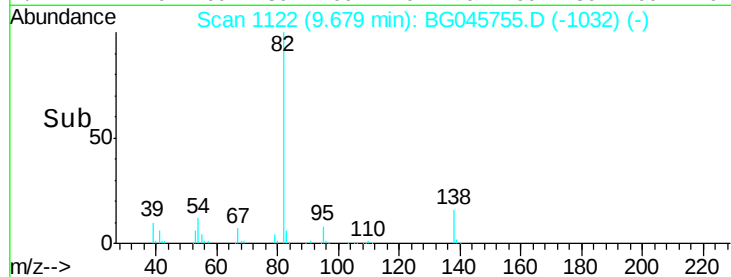
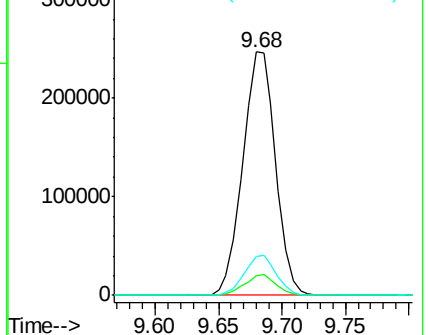
82 100

95 8.2 6.7 10.1

138 15.9 12.2 18.4



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



#26

2-Nitrophenol

Concen: 54.810 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

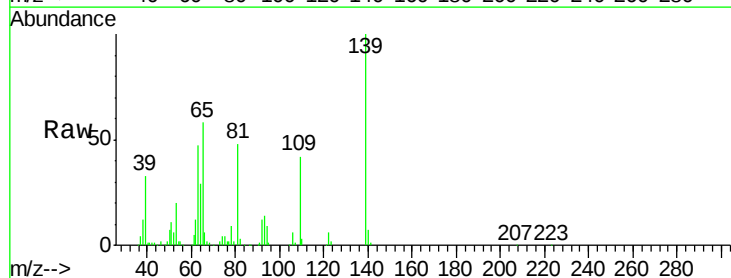
Tgt Ion: 139 Resp: 116050

Ion Ratio Lower Upper

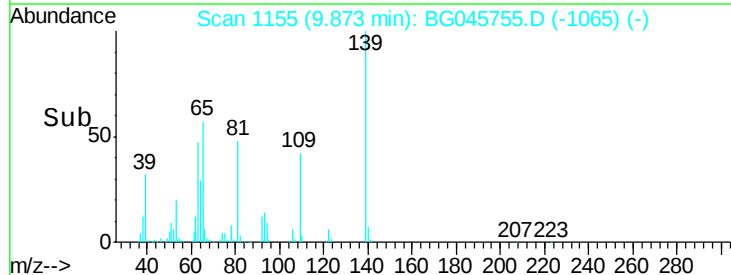
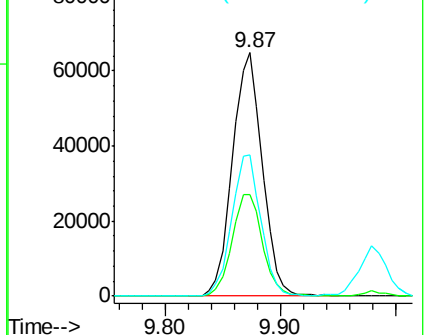
139 100

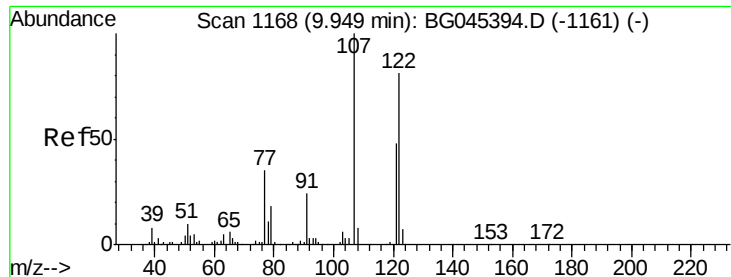
109 41.6 32.2 48.4

65 57.9 49.6 74.4



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

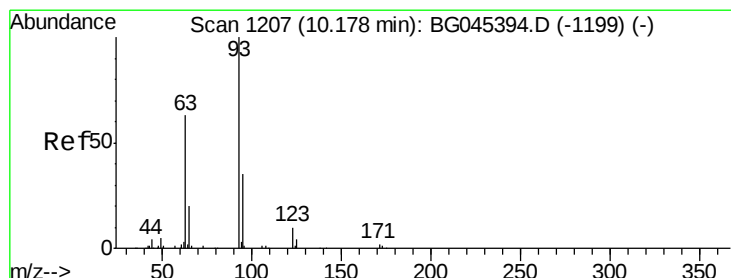
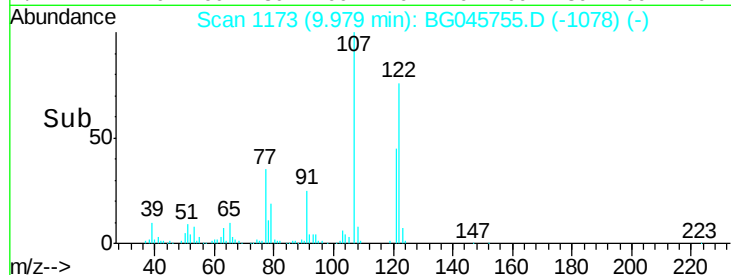
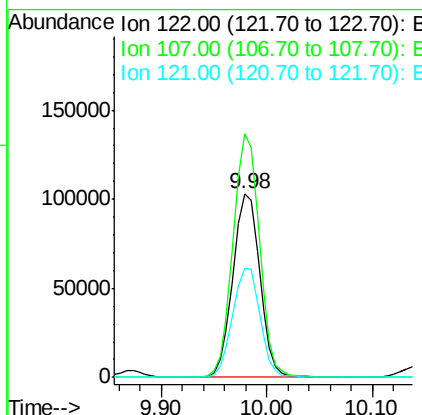
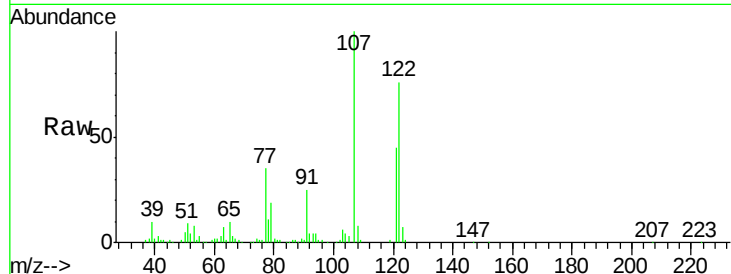




#27
 2,4-Dimethylphenol
 Concen: 58.137 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.03 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

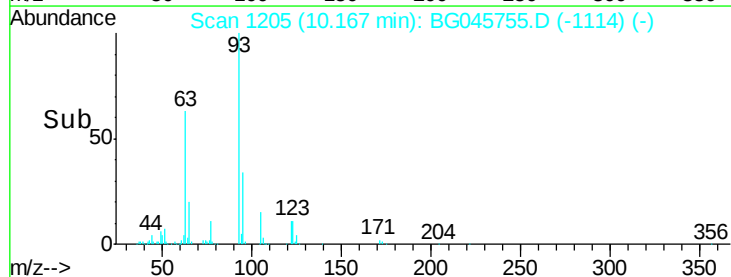
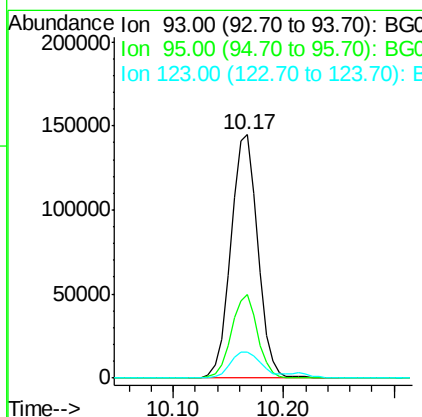
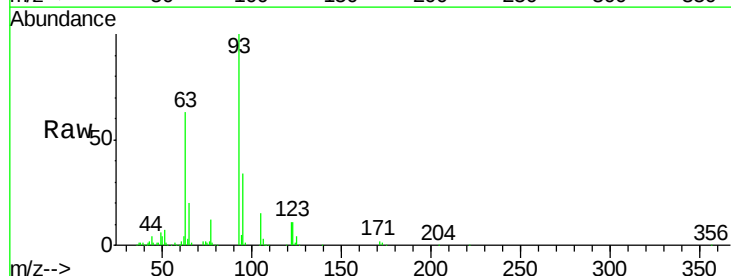
Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Tot Ion:122 Resp: 182570
 Ion Ratio Lower Upper
 122 100
 107 132.4 99.0 148.4
 121 59.2 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.144 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Tgt Ion: 93 Resp: 248791
 Ion Ratio Lower Upper
 93 100
 95 34.3 27.6 41.4
 123 10.9 8.1 12.1

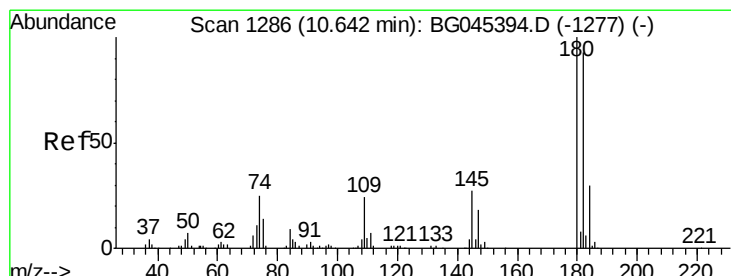
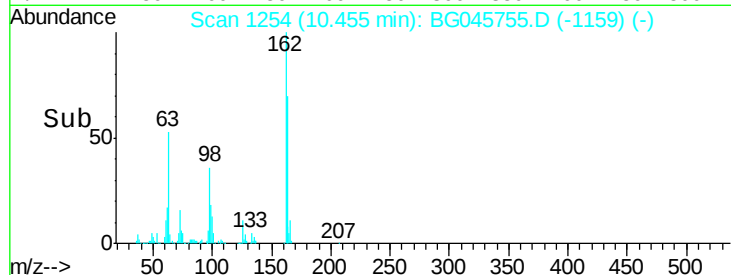
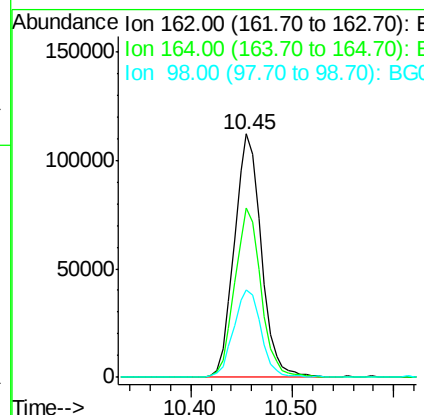
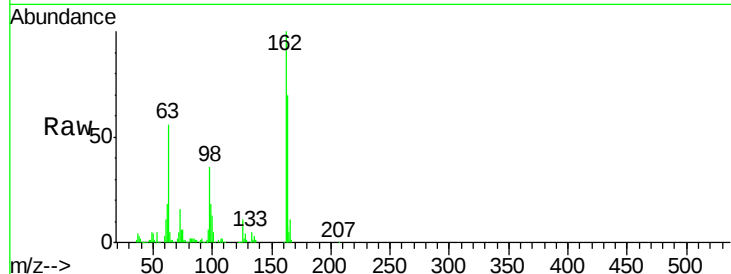




#29
 2,4-Dichlorophenol
 Concen: 55.990 ng
 RT: 10.45 min Scan# 1254
 Delta R.T. 0.03 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

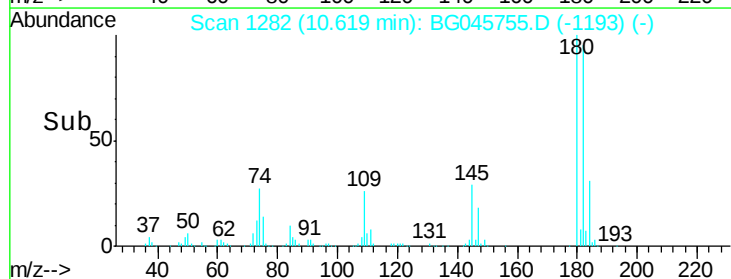
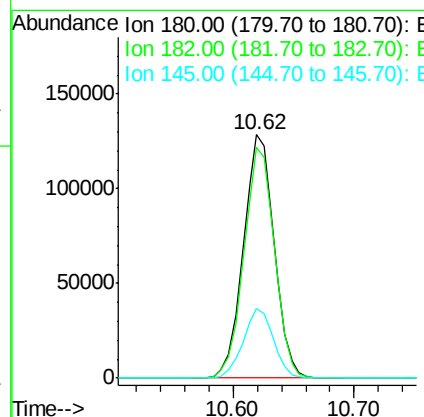
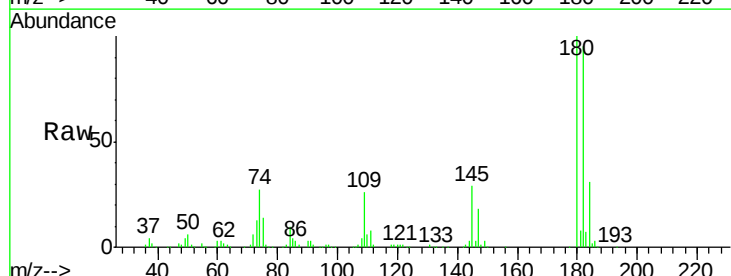
Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

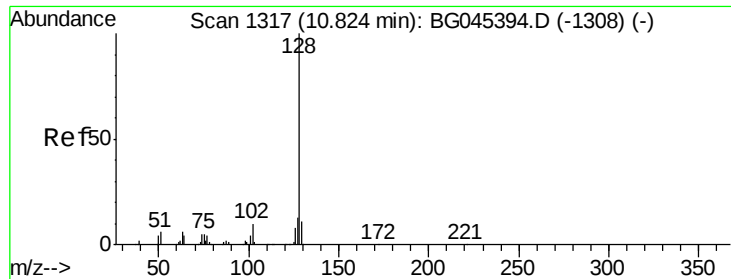
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.8	46.8	86.8
98	36.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 52.159 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.8	112.2
145	28.6	21.9	32.9

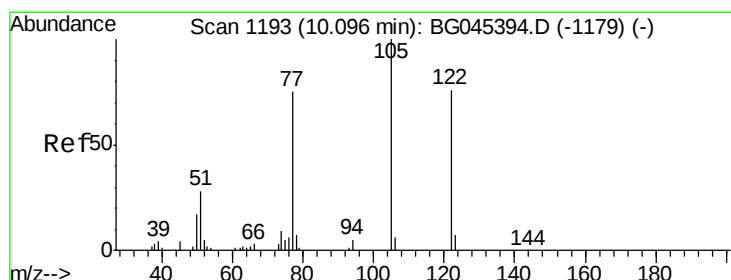
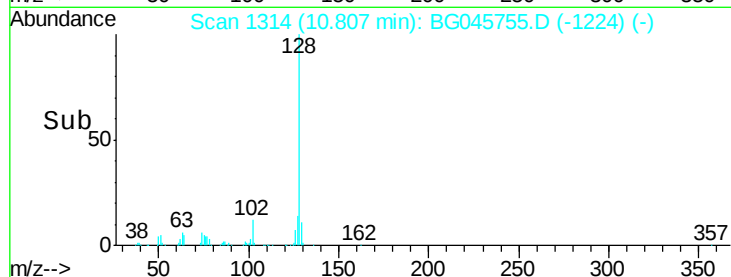
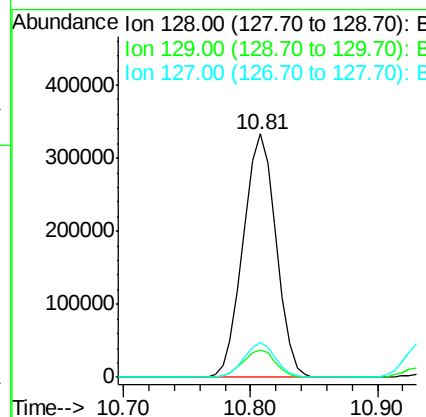
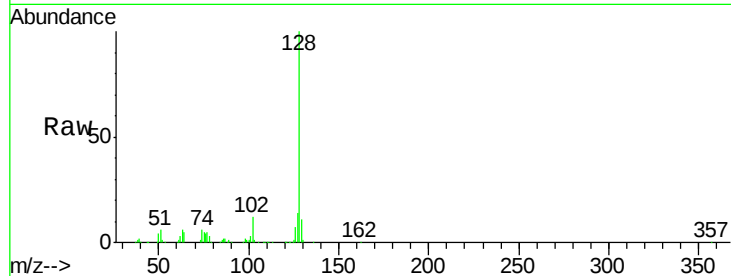




#31
Naphthalene
Concen: 51.316 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

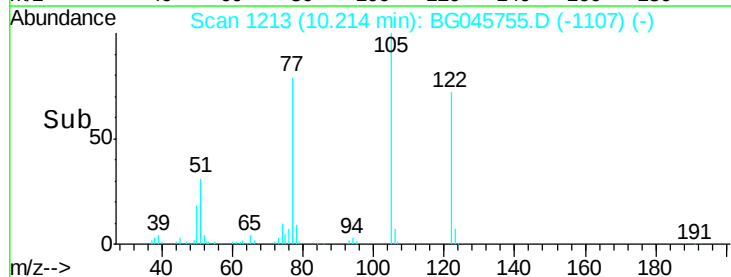
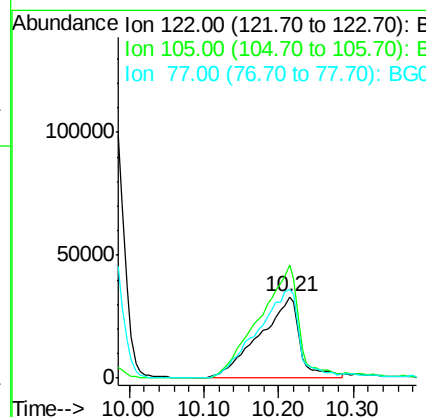
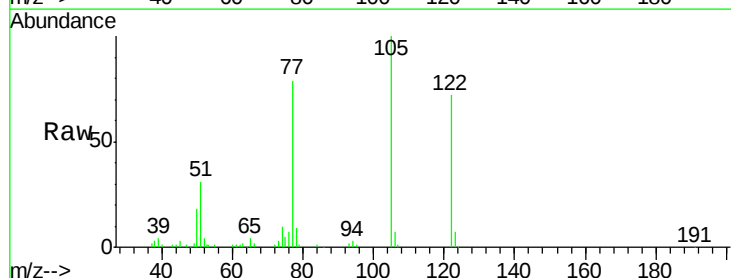
Instrument :
BNA_G
ClientSampleId :
15-SPMS

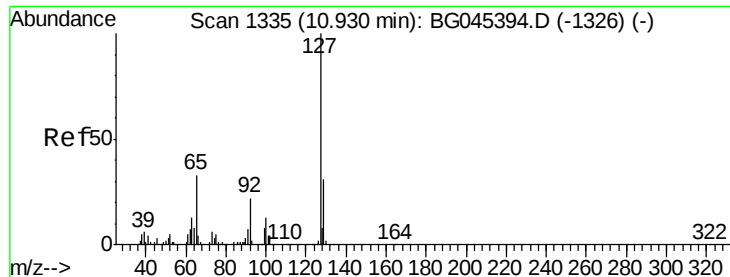
Tot Ion:128 Resp: 602408
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 55.998 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.09 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:122 Resp: 124107
Ion Ratio Lower Upper
122 100
105 138.1 107.9 147.9
77 108.7 78.9 118.9

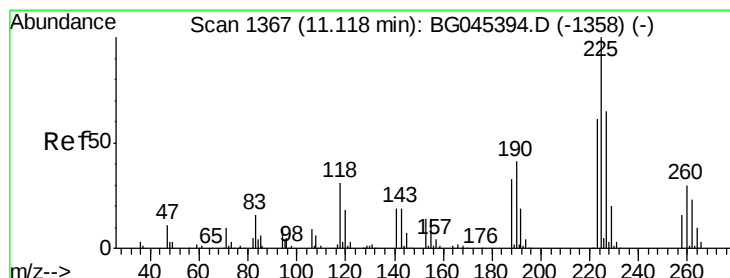
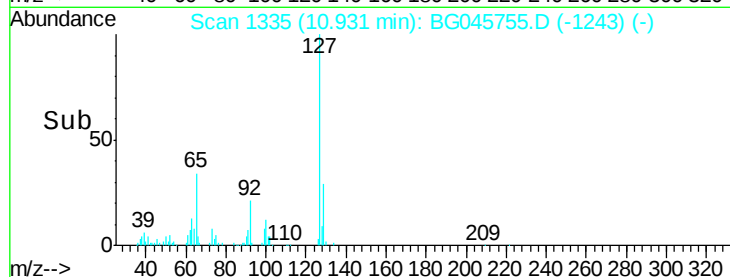
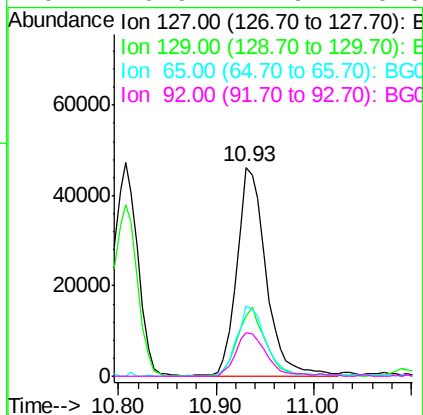
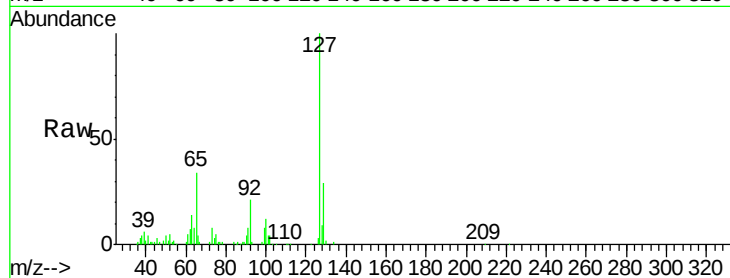




#33
4-Chloroaniline
Concen: 19.635 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

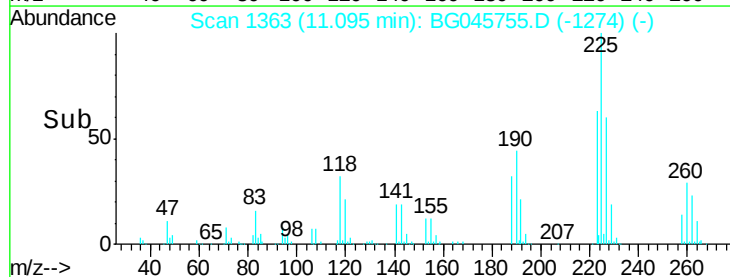
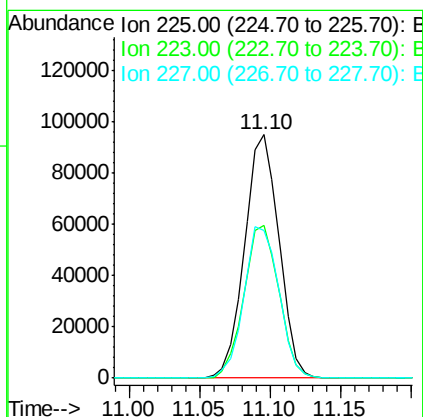
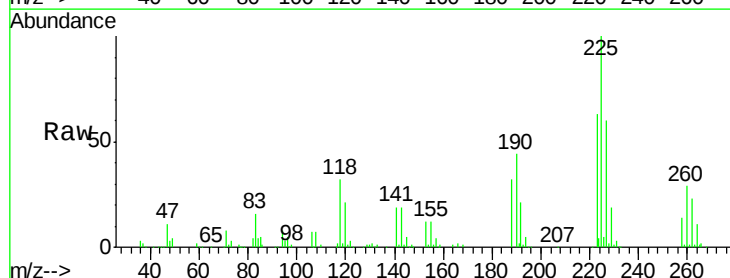
Instrument :
BNA_G
ClientSampleId :
15-SPMS

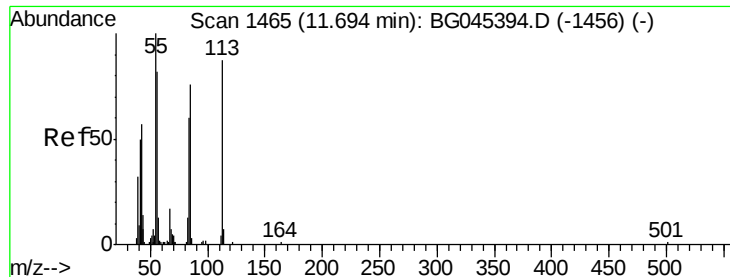
Tot Ion:127	Resp:	96350	
Ion Ratio	Lower	Upper	
127 100			
129 29.1	24.7	37.1	
65 33.7	26.2	39.2	
92 20.9	17.9	26.9	



#34
Hexachlorobutadiene
Concen: 51.928 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	225	Resp: Lower	160843 Upper
	Ratio		
225	100		
223	62.7	49.1	73.7
227	60.5	52.0	78.0





#35

Caprolactam

Concen: 47.073 ng

RT: 11.72 min Scan# 1470

Delta R.T. 0.04 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

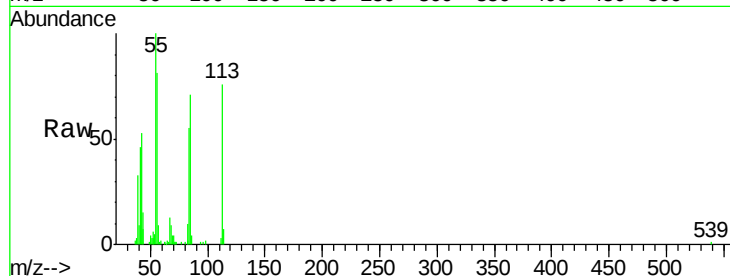
Tot Ion:113 Resp: 64073

Ion Ratio Lower Upper

113 100

55 131.8 96.0 136.0

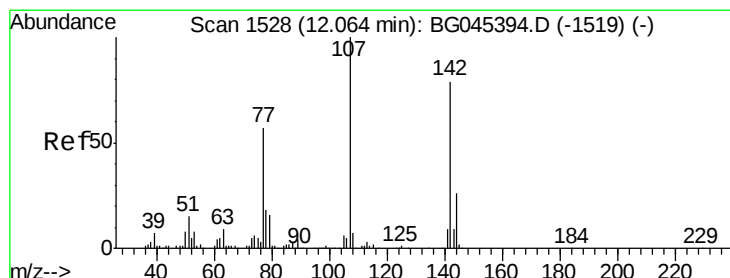
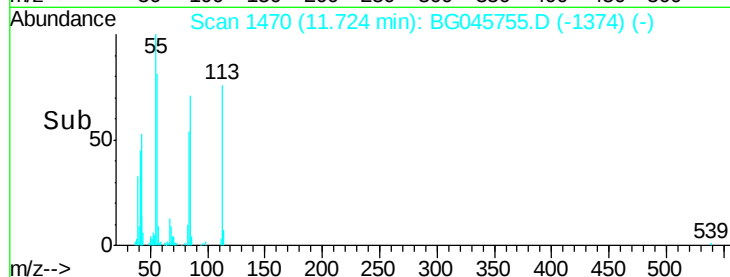
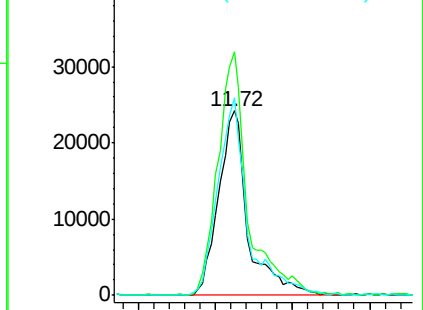
56 106.8 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 55.767 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.05 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

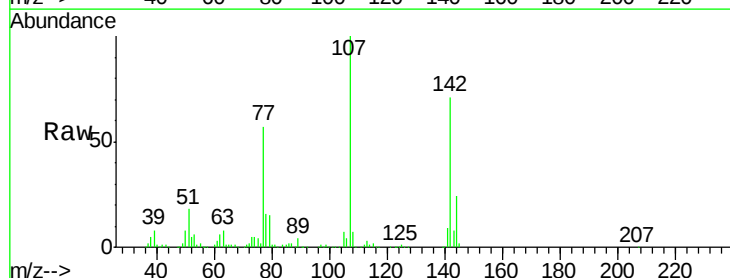
Tgt Ion:107 Resp: 233031

Ion Ratio Lower Upper

107 100

144 23.7 20.8 31.2

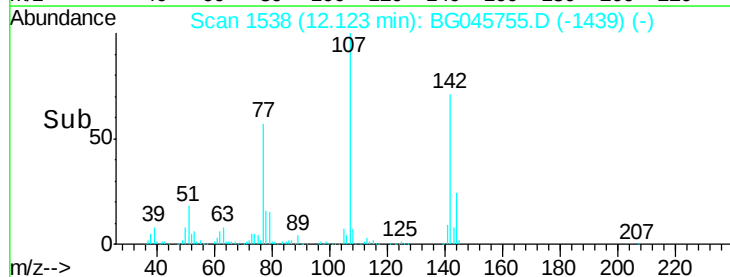
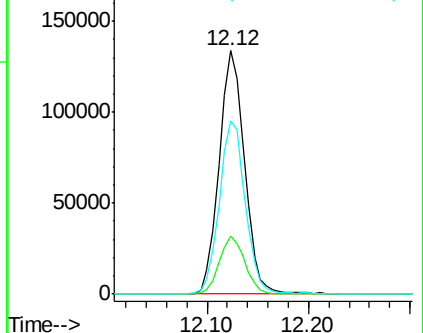
142 71.2 62.8 94.2

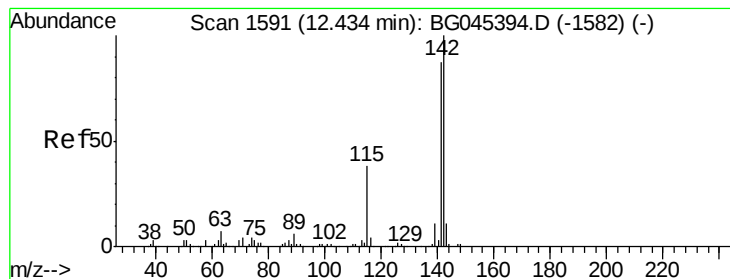


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.458 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

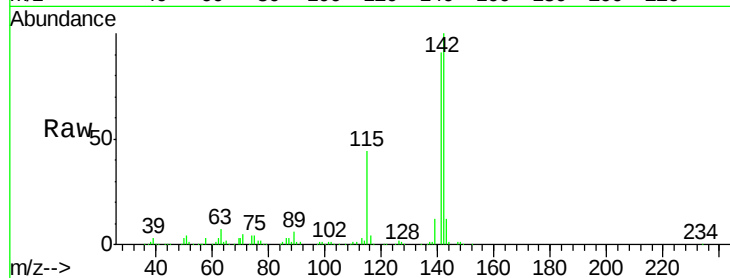
Tot Ion:142 Resp: 450239

Ion Ratio Lower Upper

142 100

141 91.5 70.0 105.0

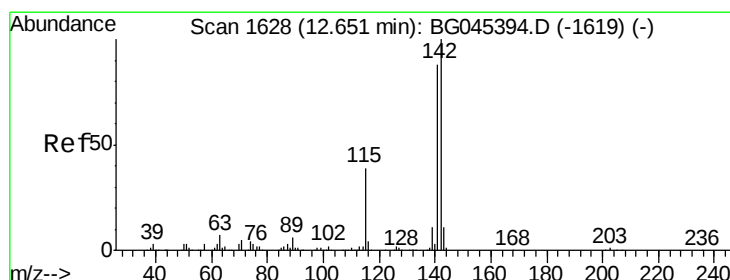
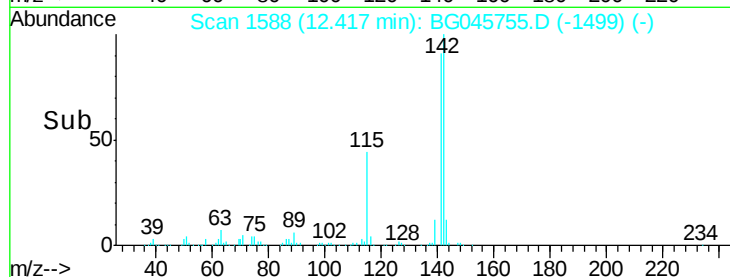
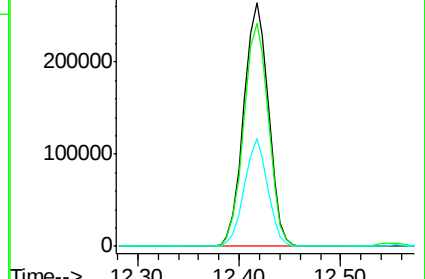
115 44.1 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.474 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.22 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

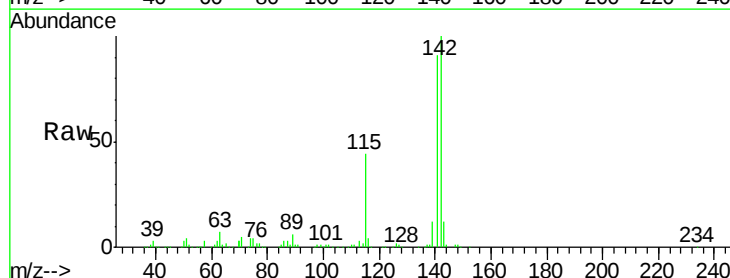
Tgt Ion:142 Resp: 450239

Ion Ratio Lower Upper

142 100

141 91.5 70.8 106.2

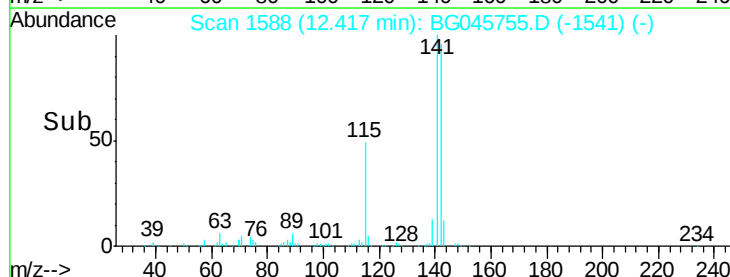
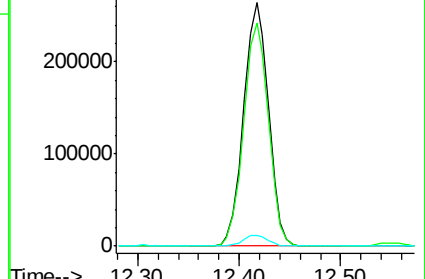
116 4.5 3.0 4.6

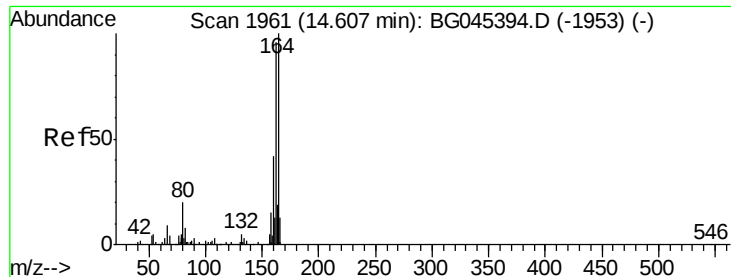


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampled :

15-SPMS

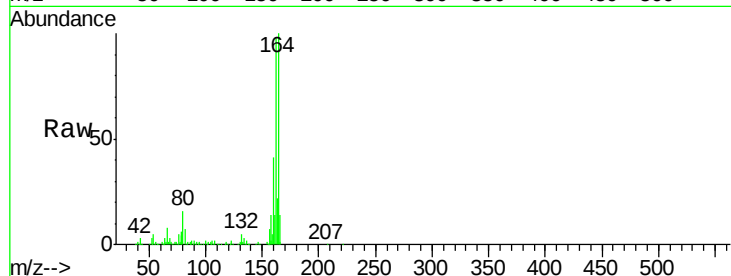
Tot Ion:164 Resp: 170499

Ion Ratio Lower Upper

164 100

162 98.4 76.9 115.3

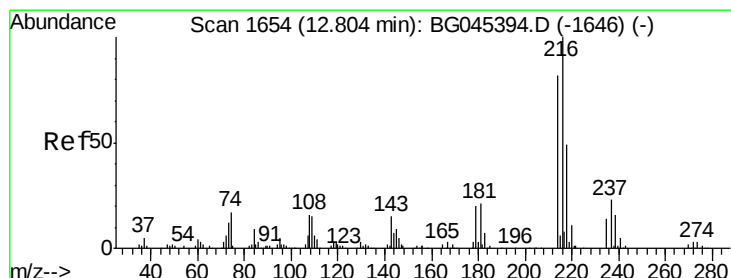
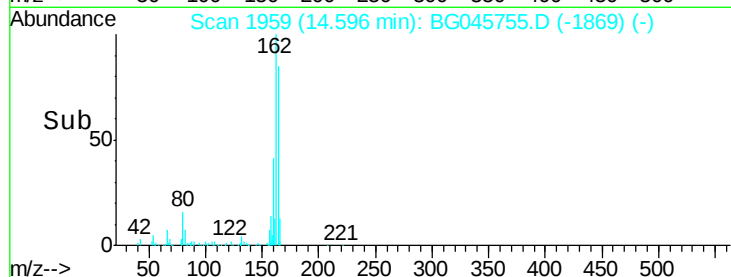
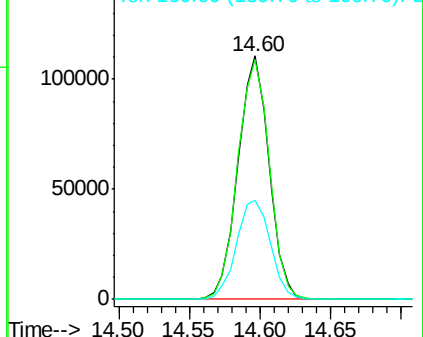
160 40.8 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.281 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Tgt Ion:216 Resp: 258504

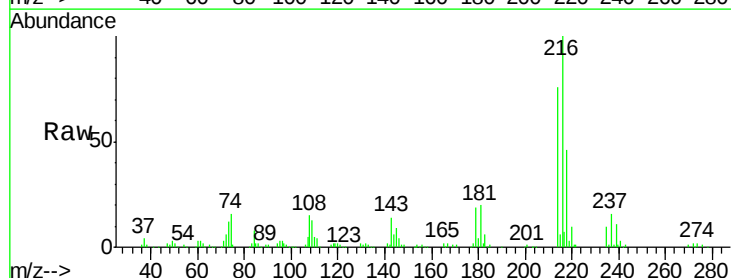
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 20.1 16.1 24.1

108 18.3 13.8 20.6

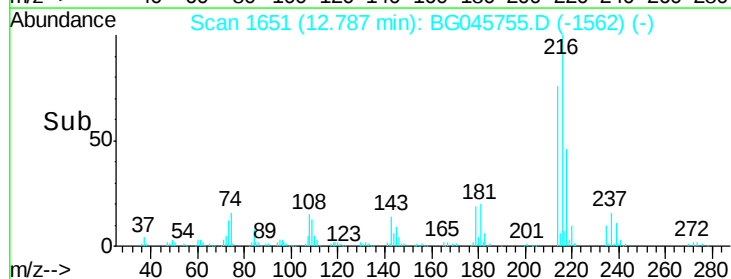
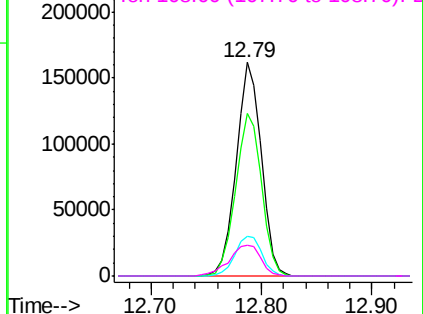


Abundance Ion 216.00 (215.70 to 216.70): E

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

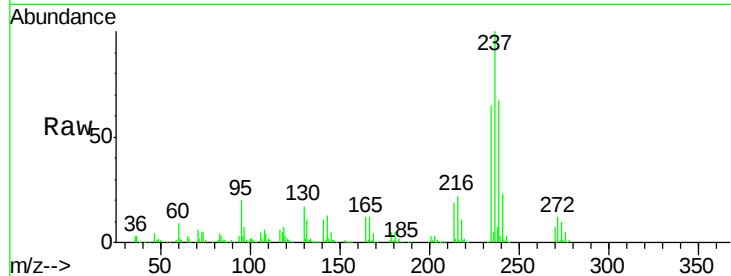




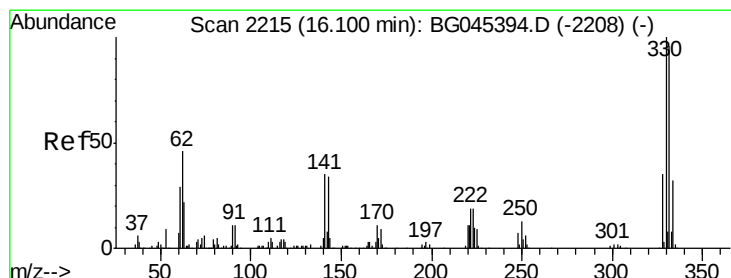
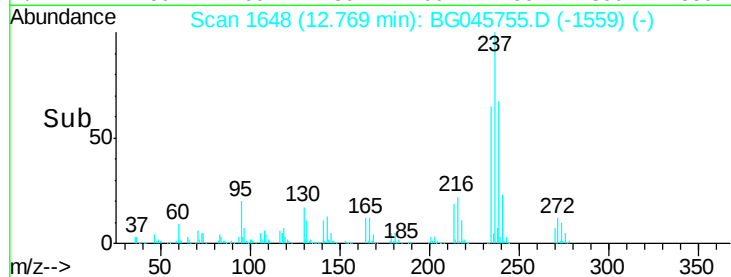
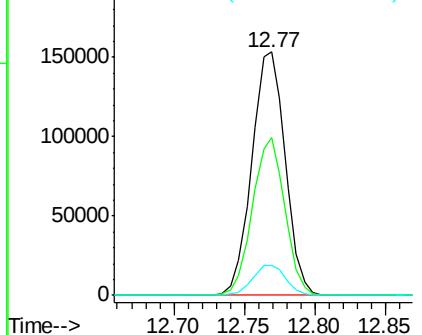
#41
Hexachlorocyclopentadiene
Concen: 92.771 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:237 Resp: 255002
Ion Ratio Lower Upper
237 100
235 65.0 44.4 84.4
272 12.5 0.0 32.5

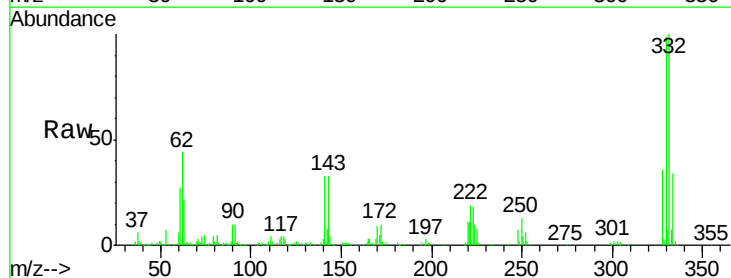


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

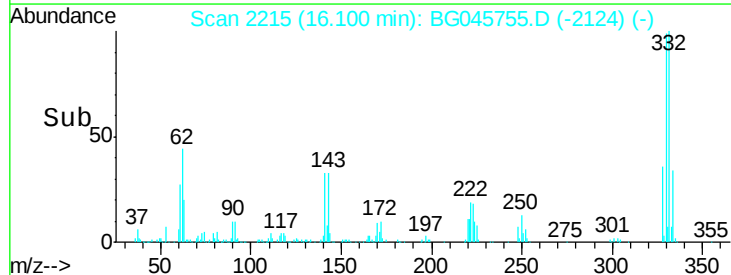
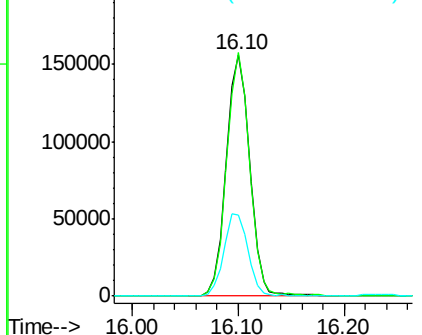


#42
2,4,6-Tribromophenol
Concen: 110.498 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:330 Resp: 240939
Ion Ratio Lower Upper
330 100
332 98.0 78.2 117.4
141 35.5 28.2 42.4



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

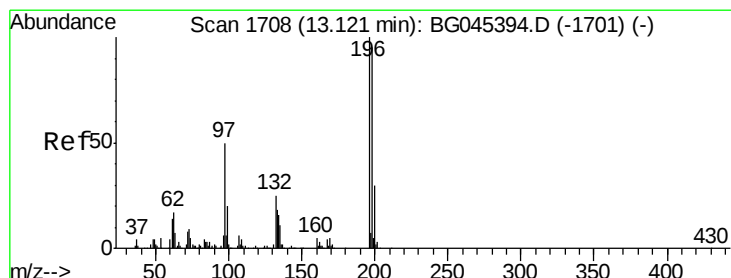
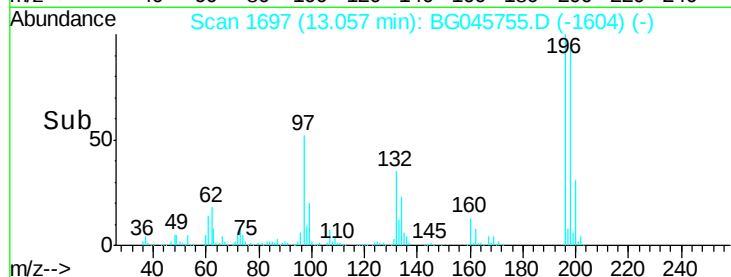
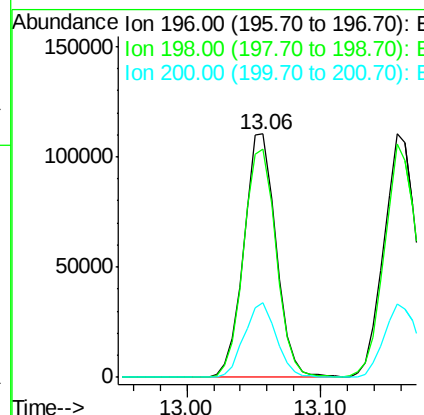
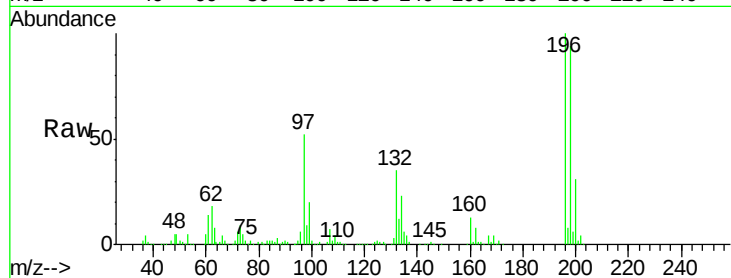




#43
 2,4,6-Trichlorophenol
 Concen: 55.510 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.02 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

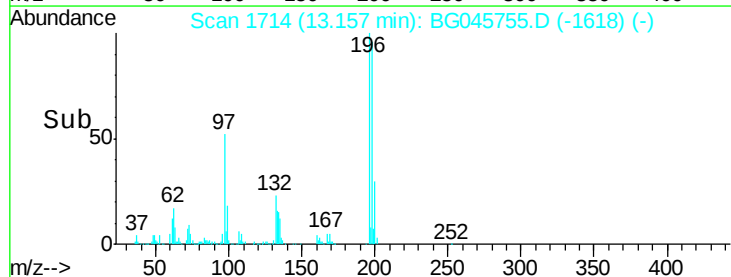
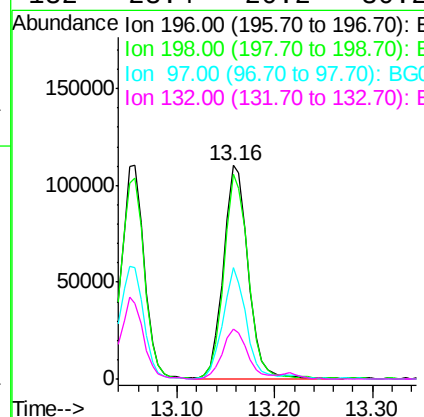
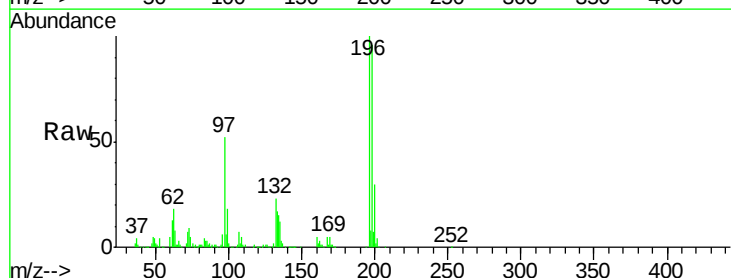
Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

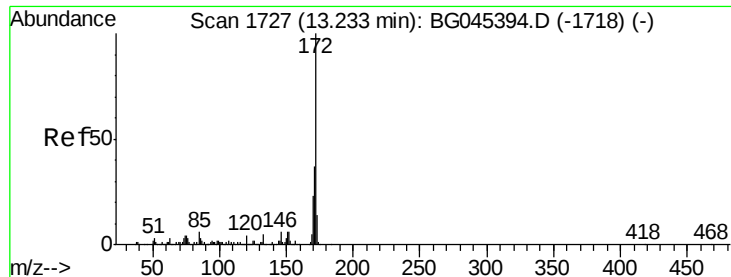
Tot Ion:196 Resp: 183638
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.7 115.1
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.409 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.04 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Tgt Ion:196 Resp: 194347
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.1 114.1
 97 52.1 40.0 60.0
 132 23.4 20.2 30.2

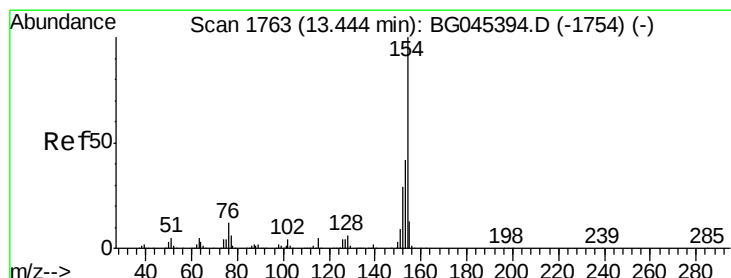
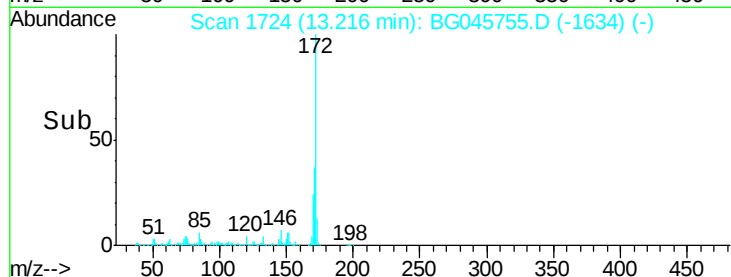
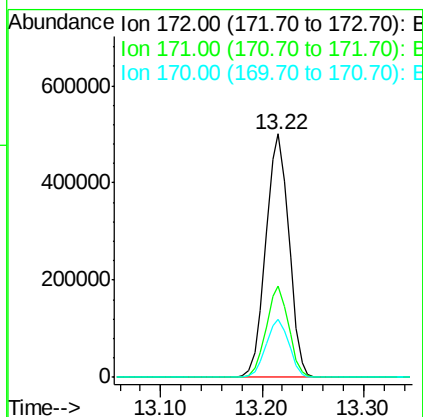
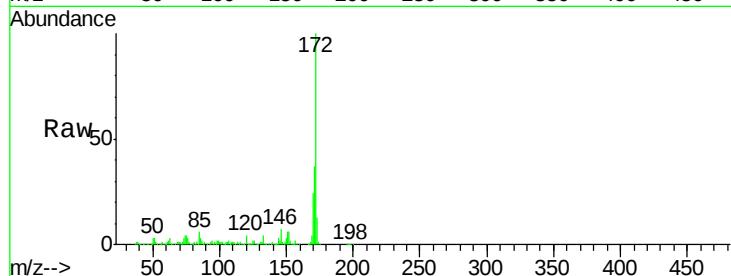




#45
2-Fluorobiphenyl
Concen: 78.876 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

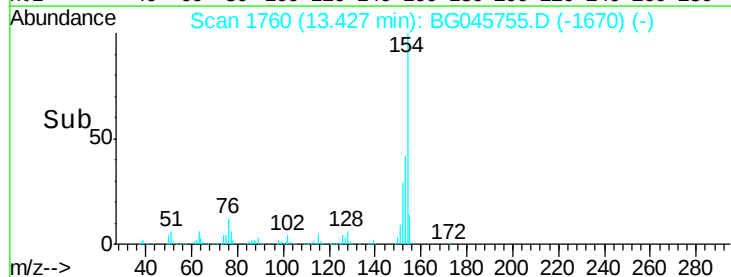
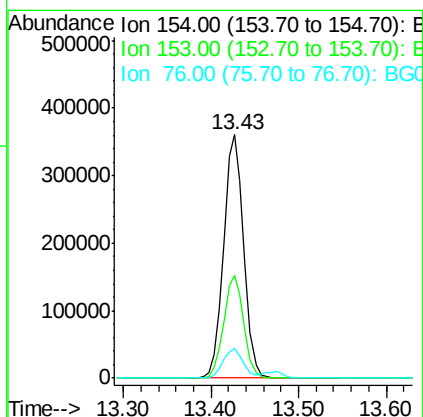
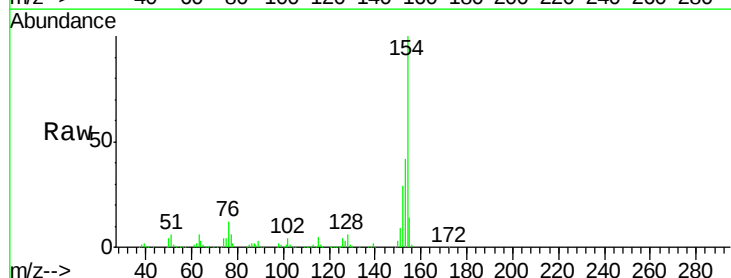
Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	23.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 54.002 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.2	62.2
76	12.2	0.0	32.4

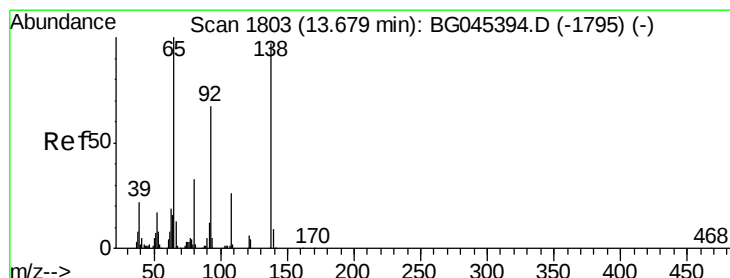
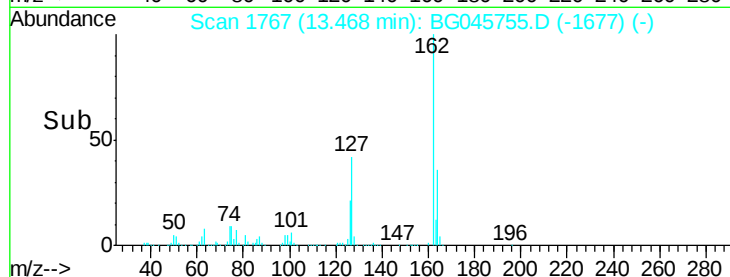
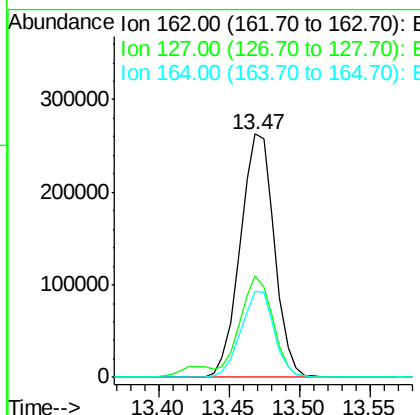
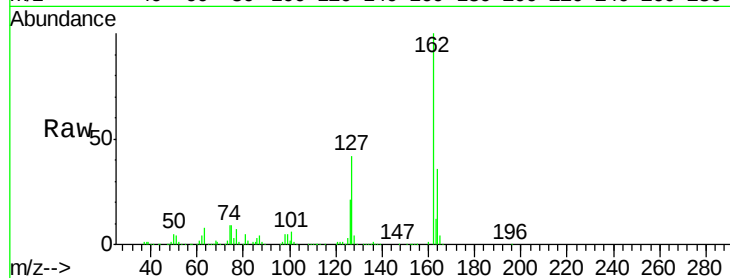




#47
2-Chloronaphthalene
Concen: 52.210 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

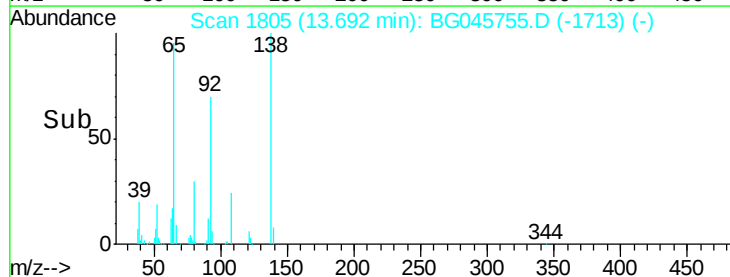
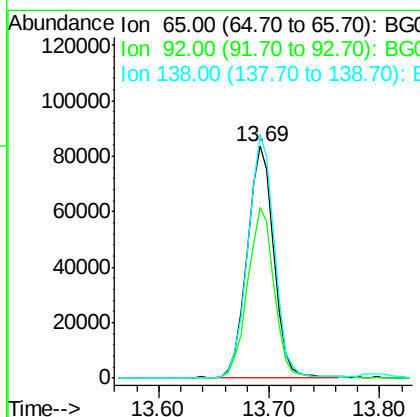
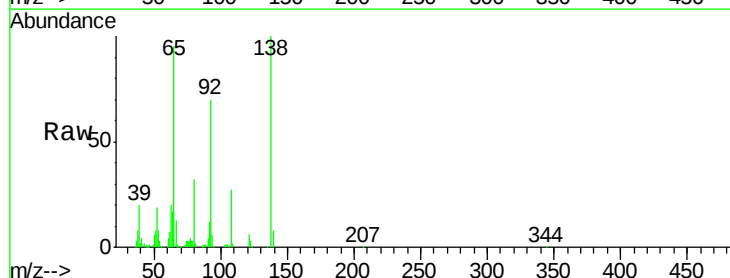
Instrument :
BNA_G
ClientSampleId :
15-SPMS

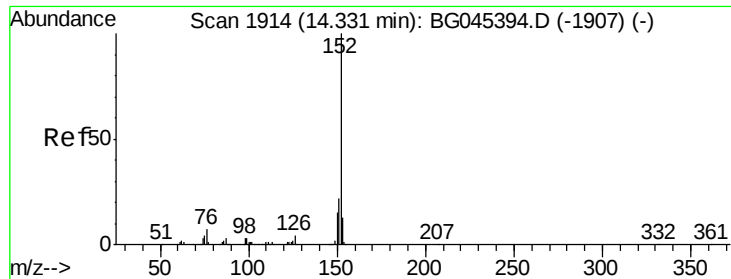
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	31.6	47.4
164	35.6	28.1	42.1



#48
2-Nitroaniline
Concen: 50.729 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.8	80.8
138	104.9	77.9	116.9





#49

Acenaphthylene

Concen: 51.615 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

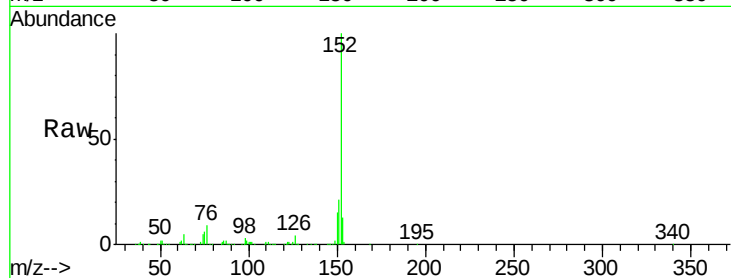
Tot Ion:152 Resp: 705310

Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.2

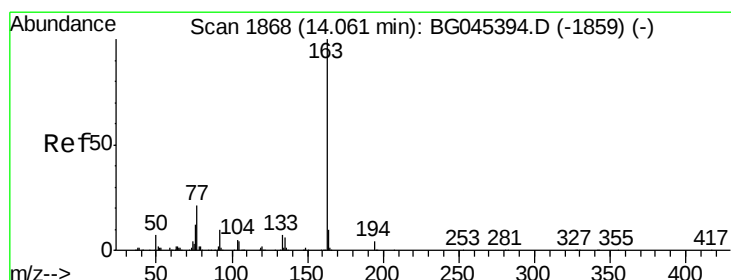
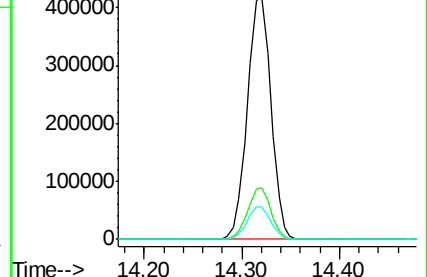
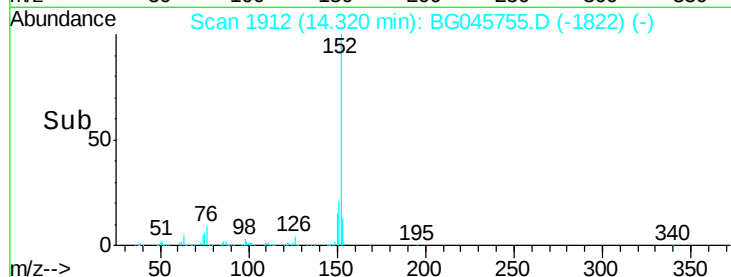
153 13.5 10.7 16.1



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: 53.354 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

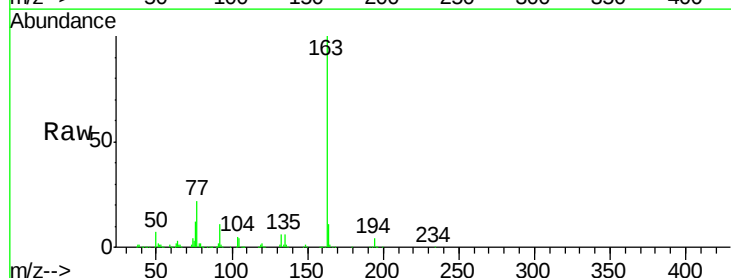
Tgt Ion:163 Resp: 624036

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

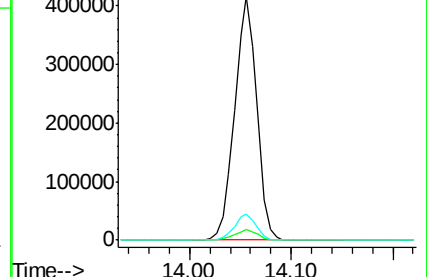
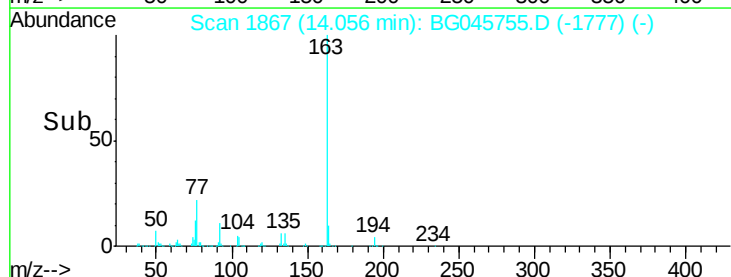
164 10.5 8.3 12.5

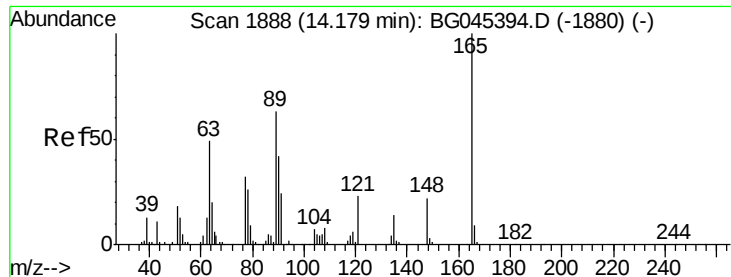


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

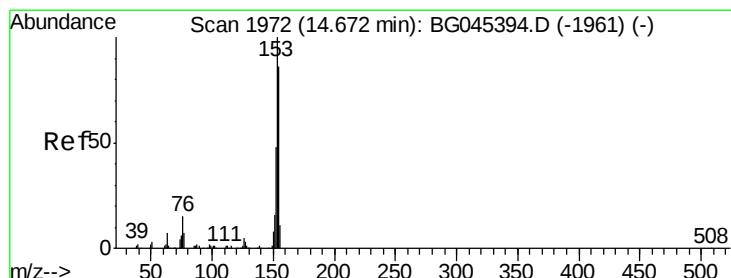
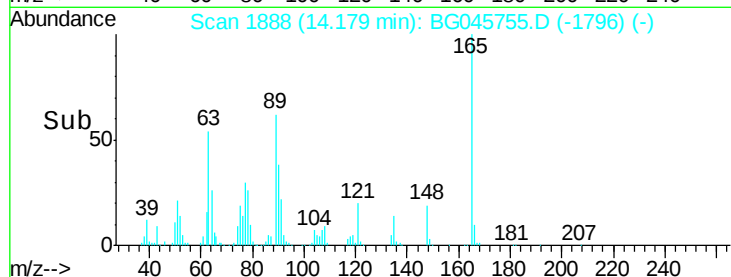
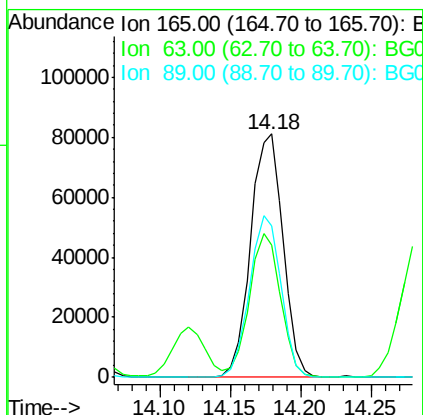
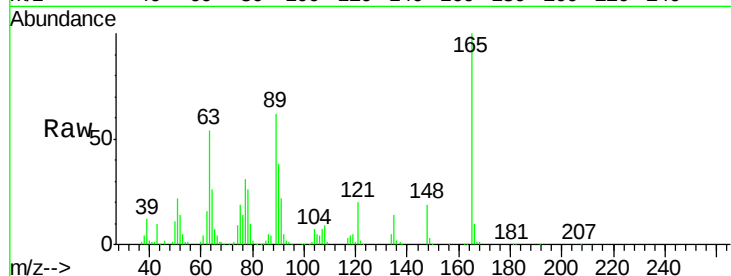




#51
 2,6-Dinitrotoluene
 Concen: 49.622 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

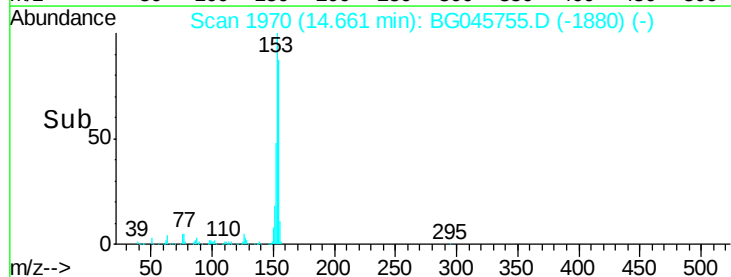
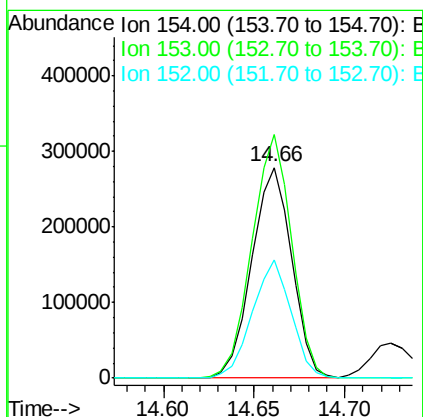
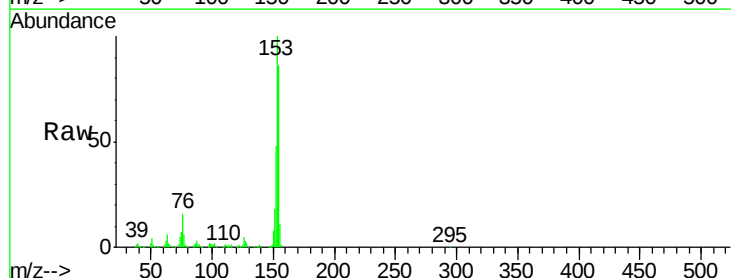
Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

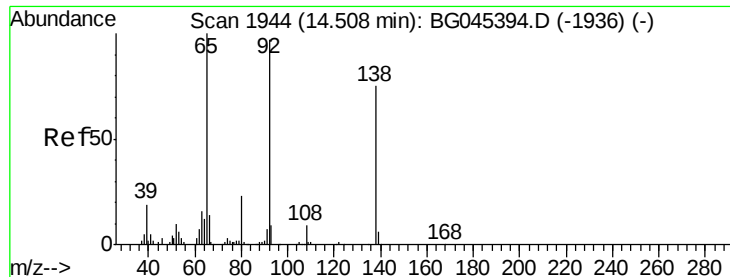
Tot Ion:165 Resp: 130964
 Ion Ratio Lower Upper
 165 100
 63 54.4 45.0 67.4
 89 62.2 50.2 75.4



#52
 Acenaphthene
 Concen: 46.706 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Tgt Ion:154 Resp: 427219
 Ion Ratio Lower Upper
 154 100
 153 115.7 92.8 139.2
 152 56.0 44.6 66.8

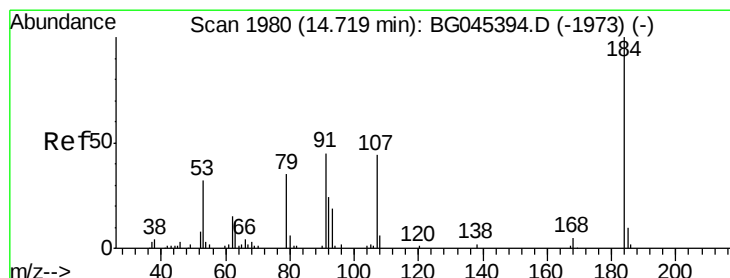
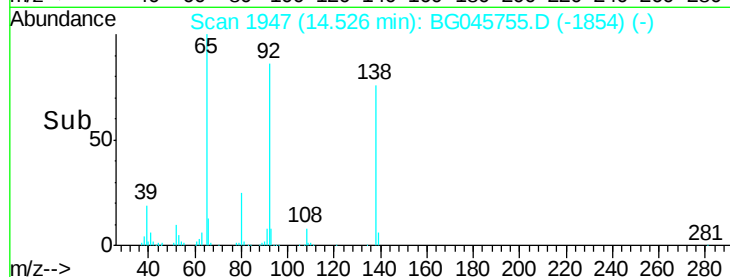
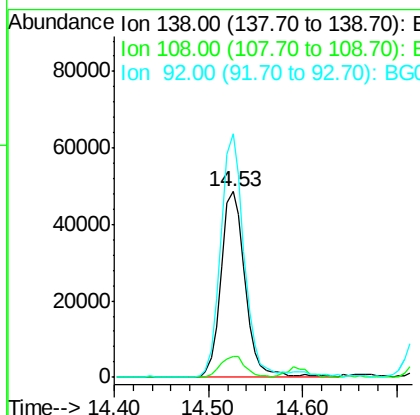
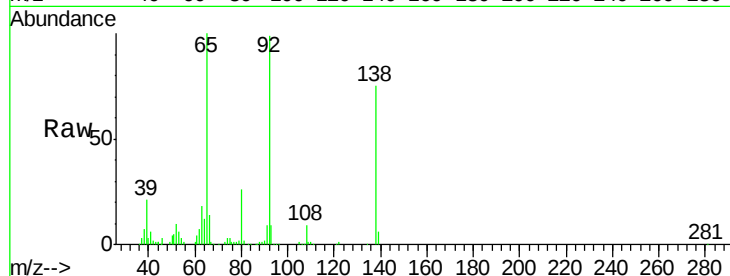




#53
3-Nitroaniline
Concen: 32.557 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.02 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

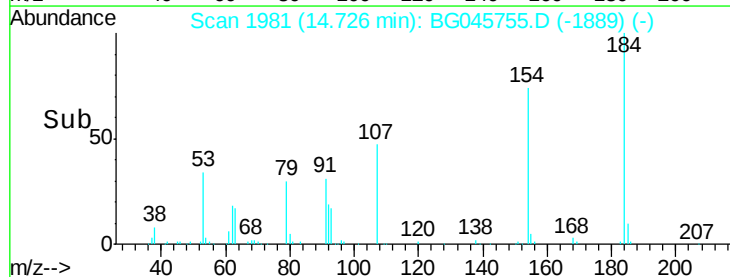
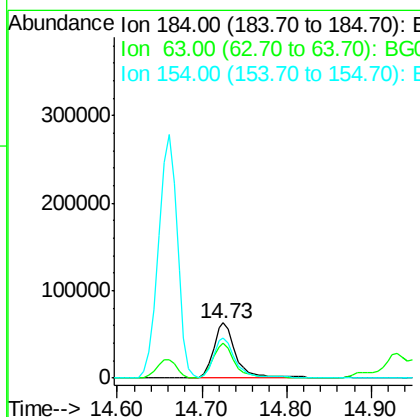
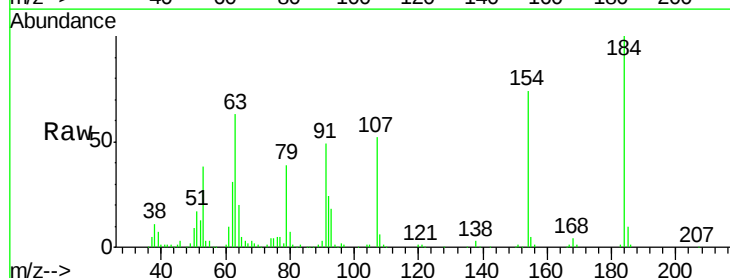
Instrument :
BNA_G
ClientSampleId :
15-SPMS

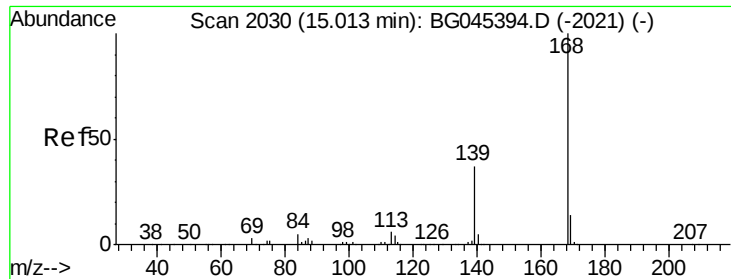
Tot Ion:138 Resp: 87347
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.6
92 131.3 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 69.847 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:184 Resp: 119471
Ion Ratio Lower Upper
184 100
63 62.8 47.8 71.6
154 73.7 58.3 87.5

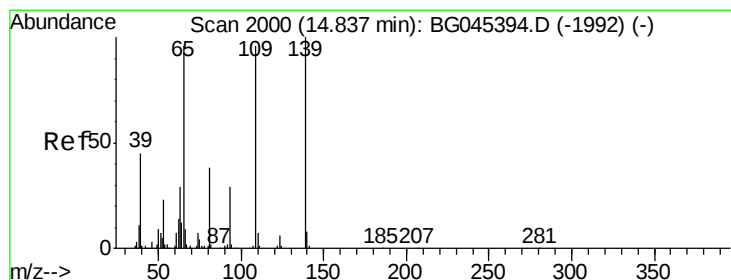
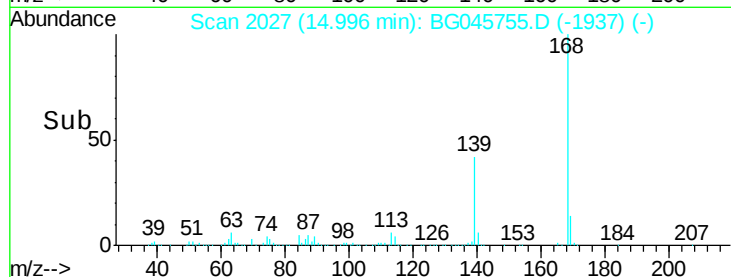
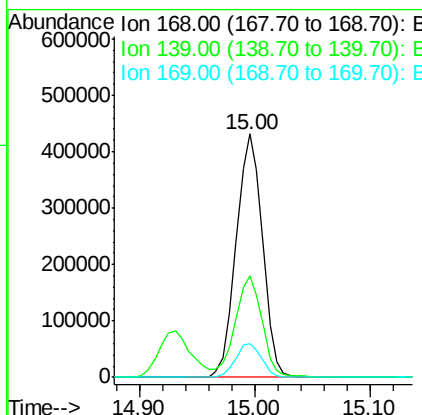
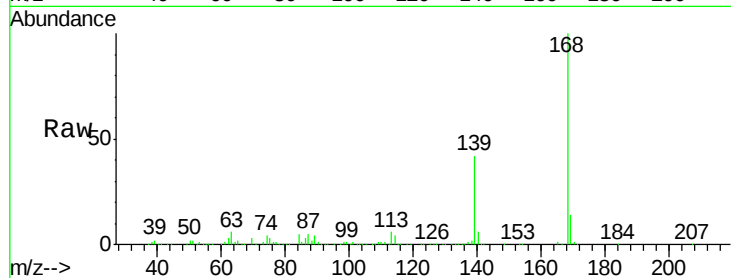




#55
Dibenzofuran
Concen: 49.849 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

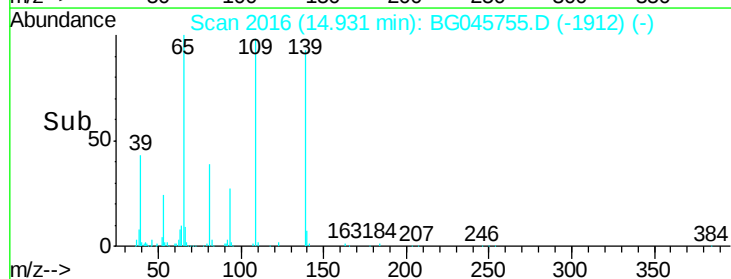
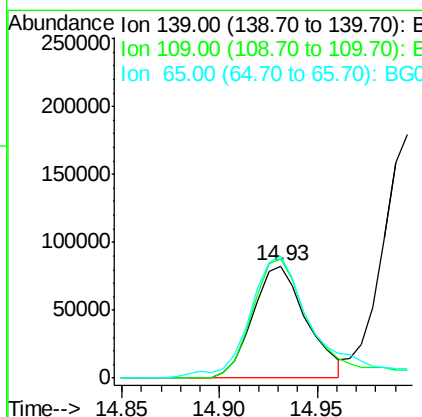
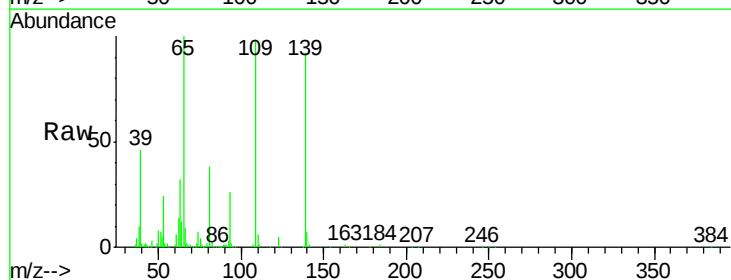
Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	29.9	44.9
169	14.0	10.9	16.3



#56
4-Nitrophenol
Concen: 77.897 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.08 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.8	75.6	115.6
65	108.7	76.8	116.8

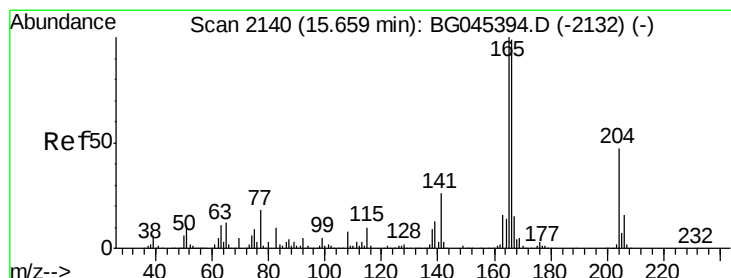
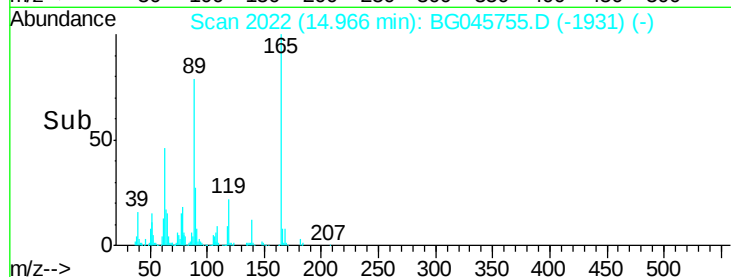
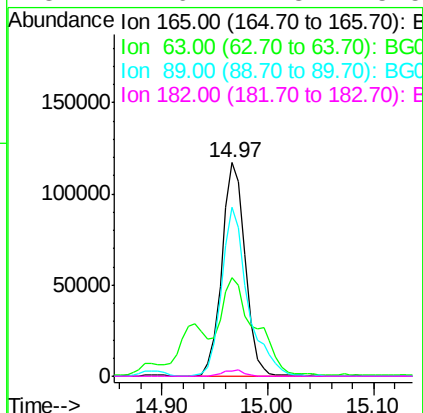
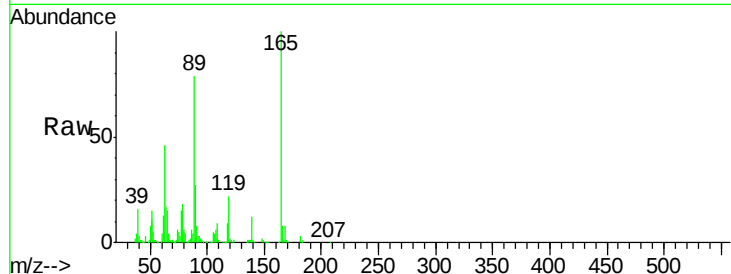




#57
2,4-Dinitrotoluene
Concen: 46.959 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

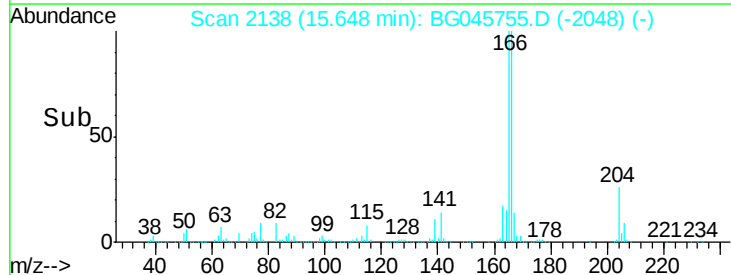
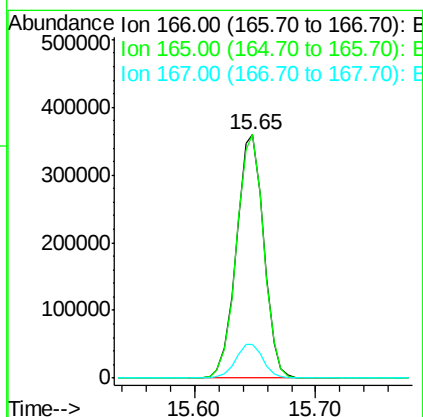
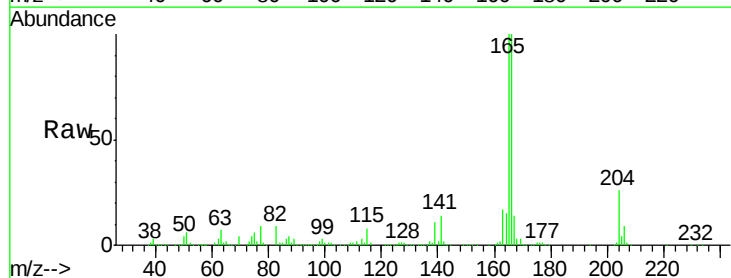
Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:165 Resp: 179490
Ion Ratio Lower Upper
165 100
63 46.2 32.5 48.7
89 79.3 61.8 92.6
182 2.6 2.3 3.5



#58
Fluorene
Concen: 50.910 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:166 Resp: 568125
Ion Ratio Lower Upper
166 100
165 100.0 80.8 121.2
167 14.1 12.0 18.0

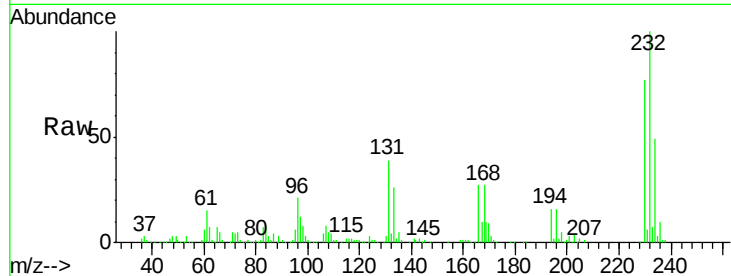




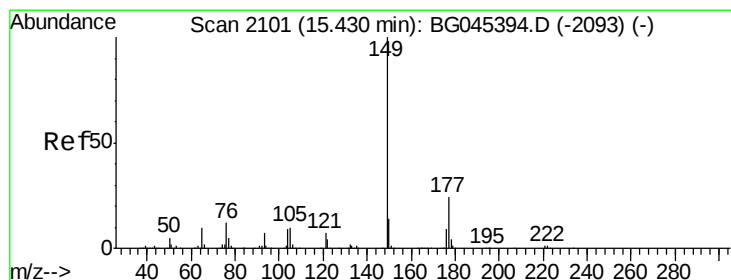
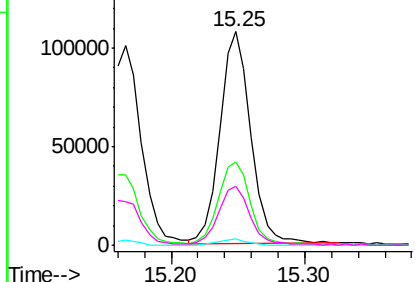
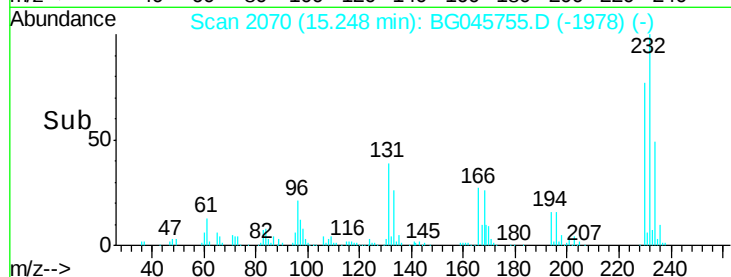
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.461 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Tot Ion:232 Resp: 174482
 Ion Ratio Lower Upper
 232 100
 131 41.0 33.7 50.5
 130 2.5 2.1 3.1
 166 28.3 23.2 34.8

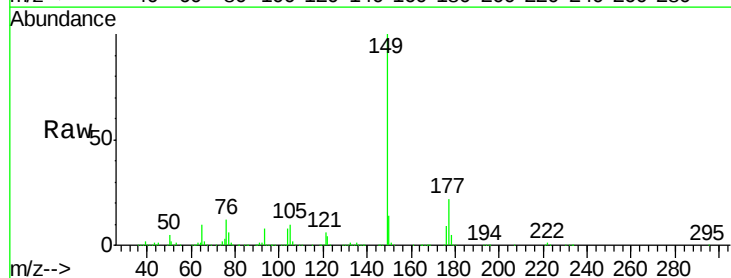


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

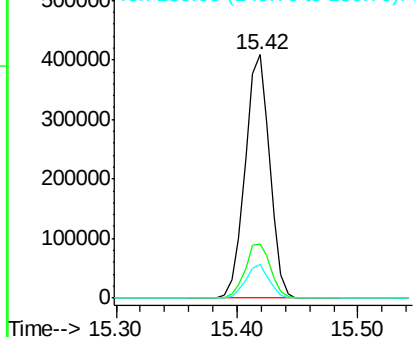
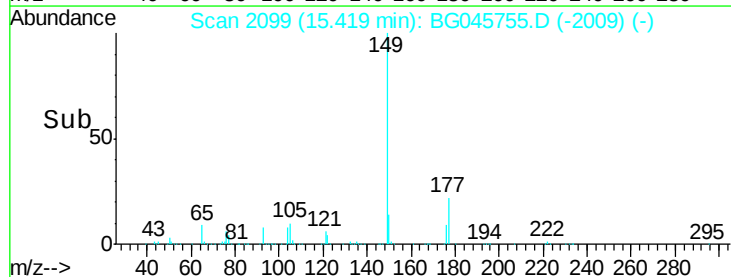


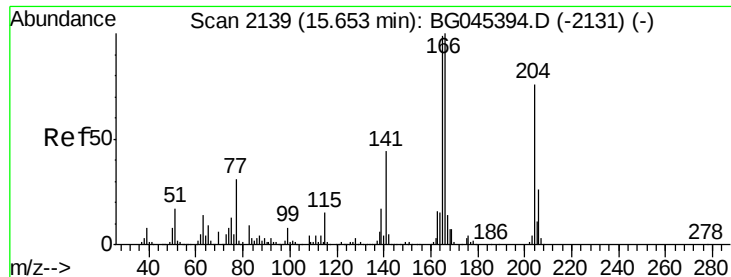
#60
 Diethylphthalate
 Concen: 47.543 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Tgt Ion:149 Resp: 578778
 Ion Ratio Lower Upper
 149 100
 177 22.2 19.0 28.4
 150 13.9 11.4 17.0



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

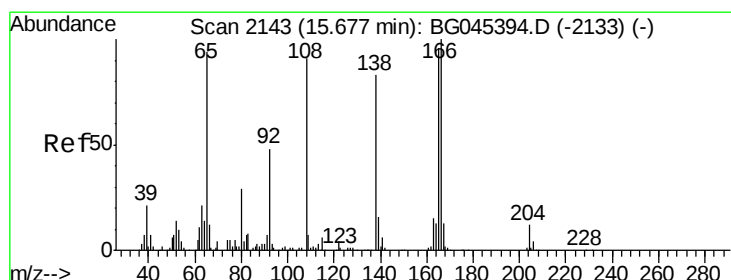
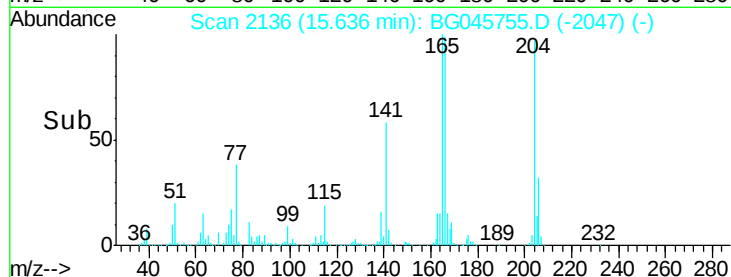
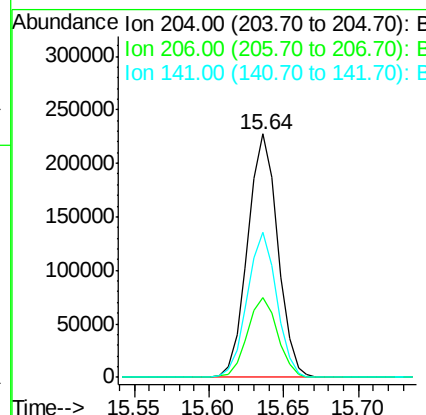
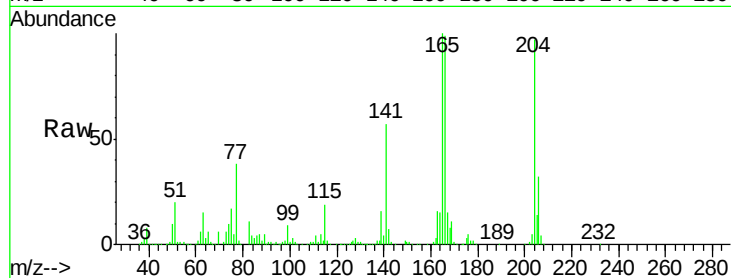




#61
4-Chlorophenyl-phenylether
Concen: 49.481 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

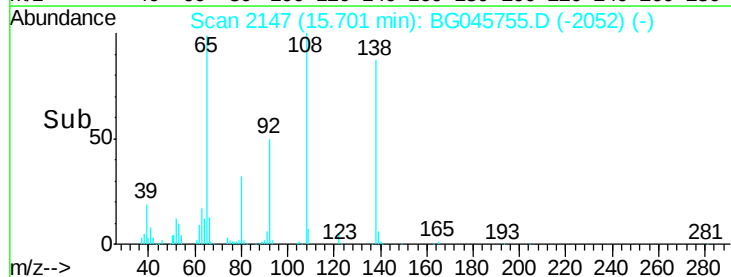
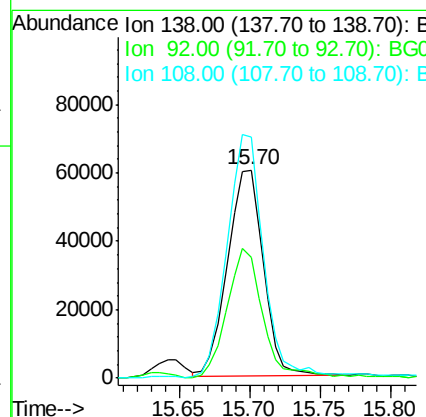
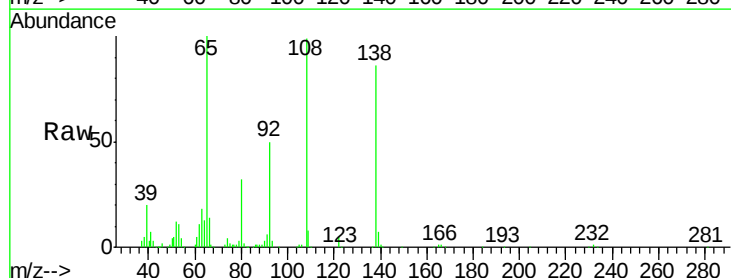
Instrument :
BNA_G
ClientSampleId :
15-SPMS

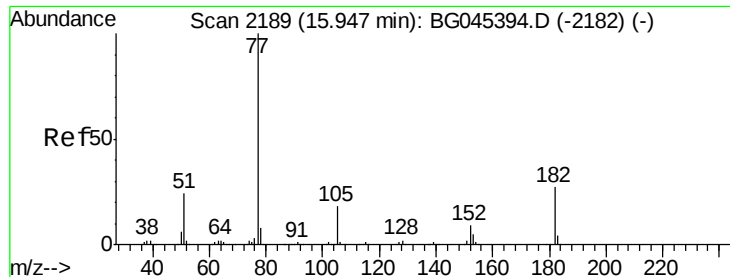
Tot Ion:204 Resp: 315973
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 59.3 45.9 68.9



#62
4-Nitroaniline
Concen: 38.181 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.03 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:138 Resp: 106938
Ion Ratio Lower Upper
138 100
92 57.8 38.0 78.0
108 115.5 89.3 129.3

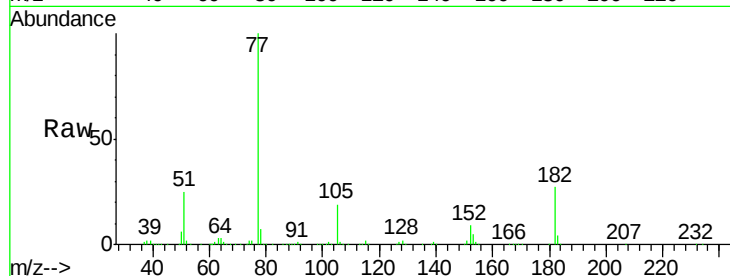




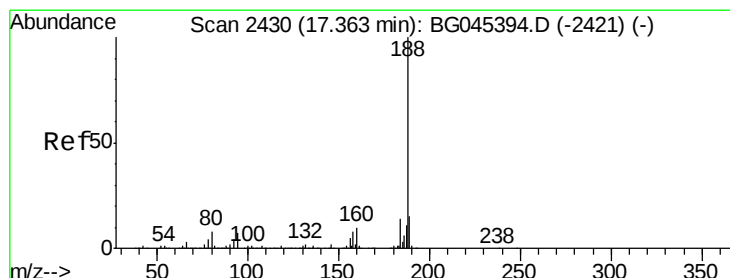
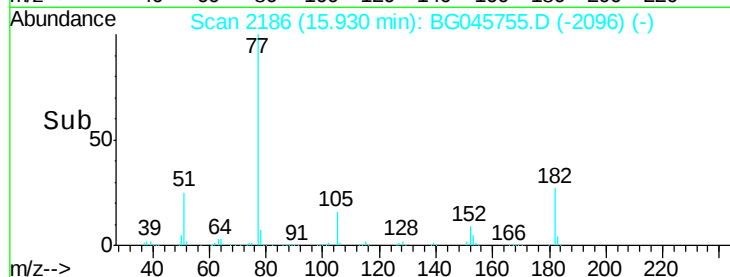
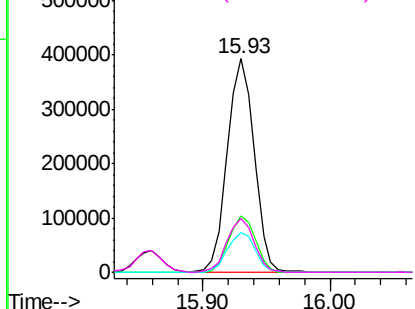
#63
Azobenzene
Concen: 50.407 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.5	46.5
105	18.8	0.0	37.9
51	25.3	4.1	44.1

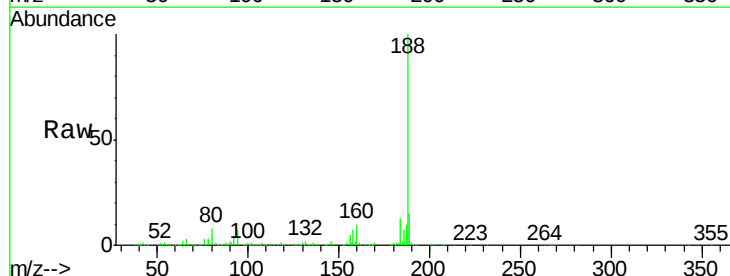


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

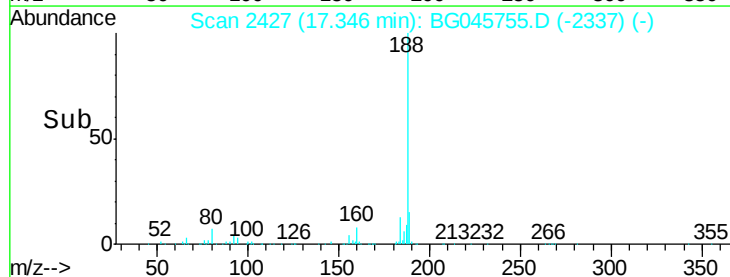
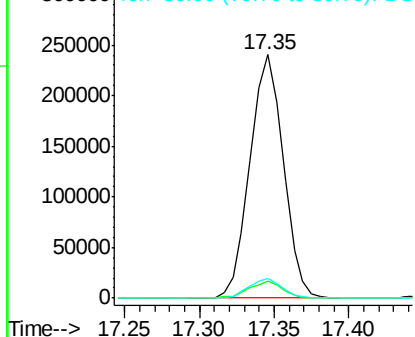


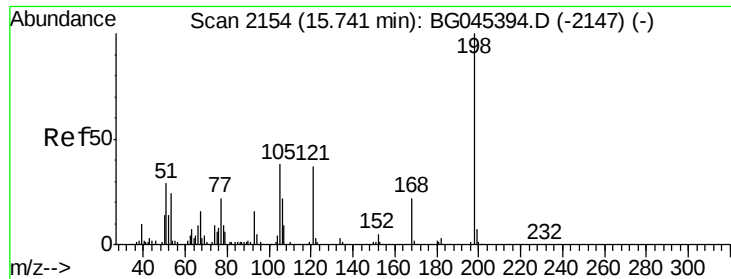
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	8.1	6.6	10.0



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: 49.108 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

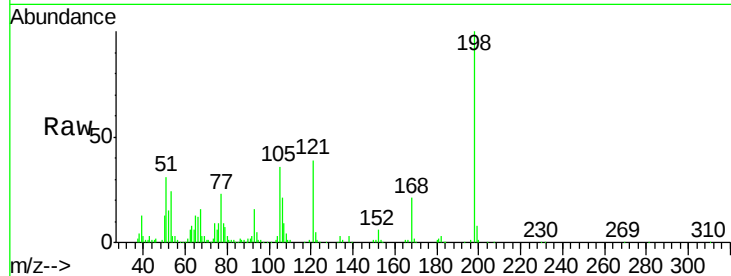
Tot Ion:198 Resp: 106186

Ion Ratio Lower Upper

198 100

51 31.0 10.0 50.0

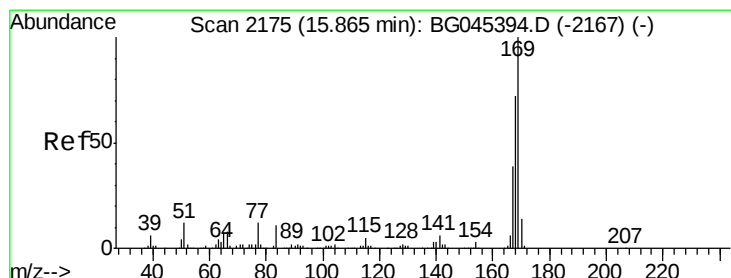
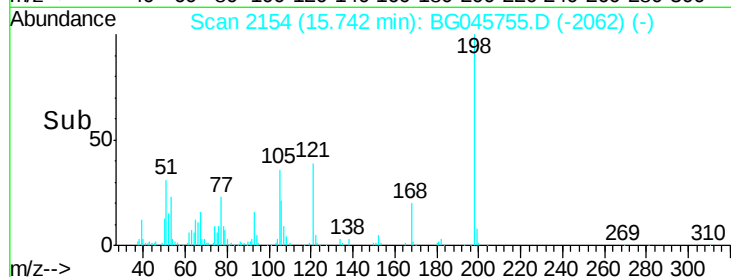
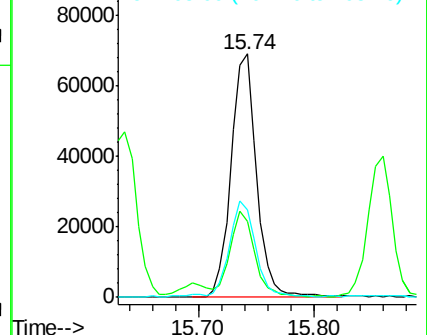
105 35.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.834 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

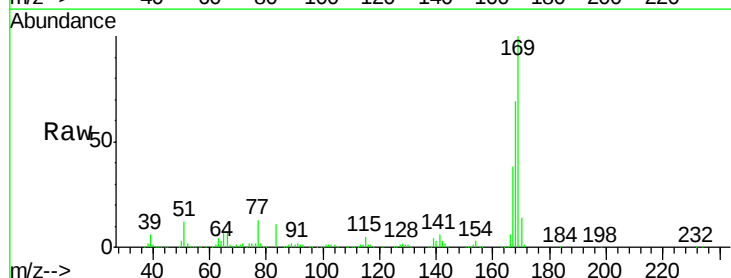
Tgt Ion:169 Resp: 488807

Ion Ratio Lower Upper

169 100

168 69.1 57.8 86.6

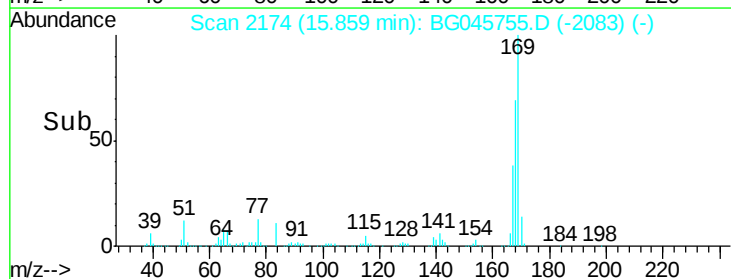
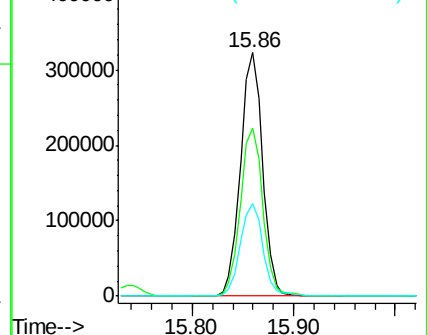
167 38.0 31.5 47.3

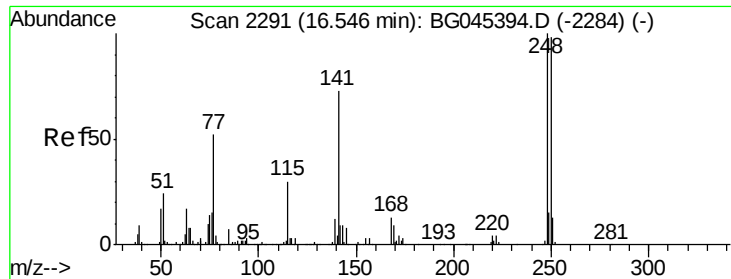


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

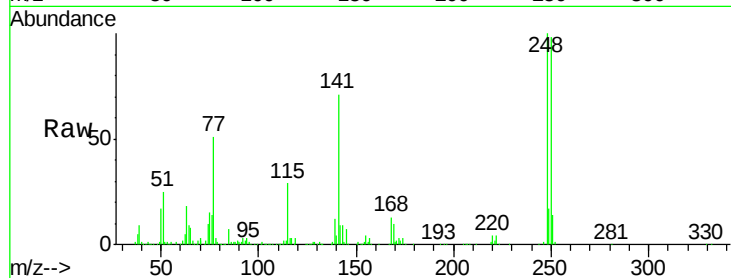




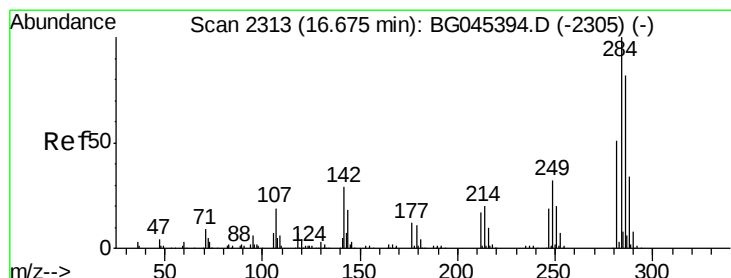
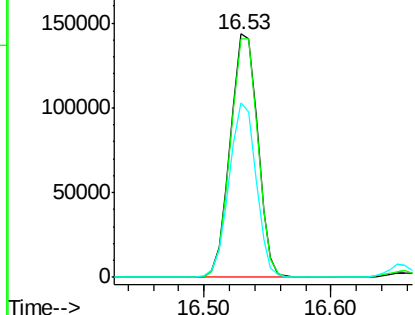
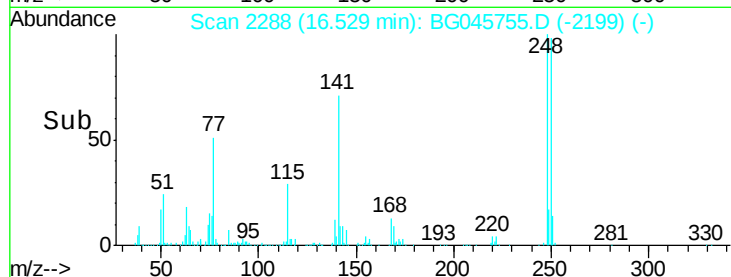
#67
4-Bromophenyl-phenylether
Concen: 53.338 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:248 Resp: 214434
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 71.4 58.2 87.2

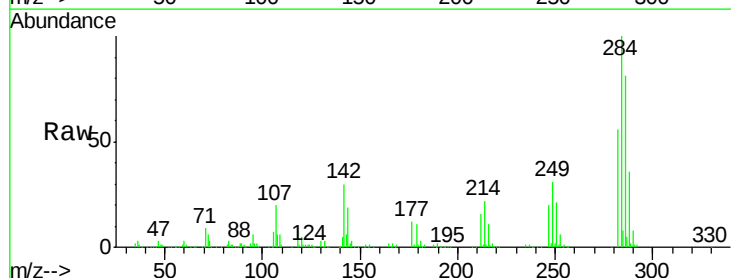


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

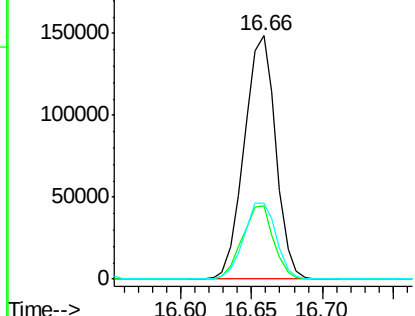
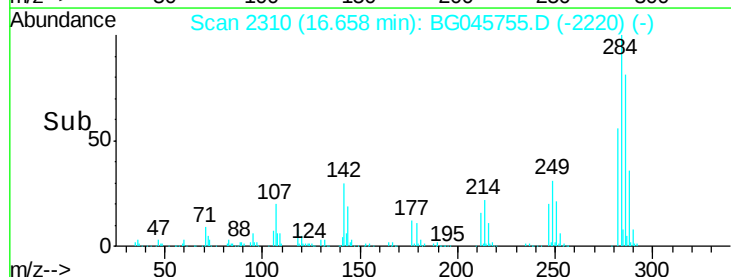


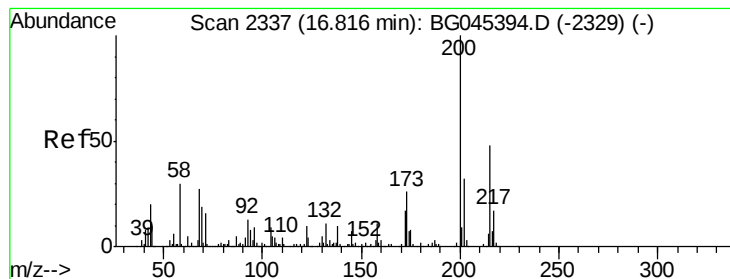
#68
Hexachlorobenzene
Concen: 55.096 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion:284 Resp: 231671
Ion Ratio Lower Upper
284 100
142 30.3 23.0 34.6
249 31.1 25.8 38.6



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





#69

Atrazine

Concen: 48.773 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

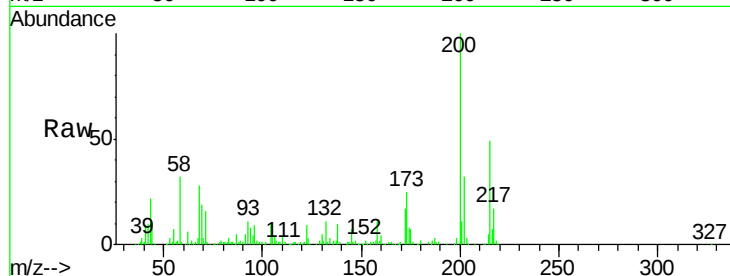
Tot Ion:200 Resp: 179080

Ion Ratio Lower Upper

200 100

173 24.9 5.5 45.5

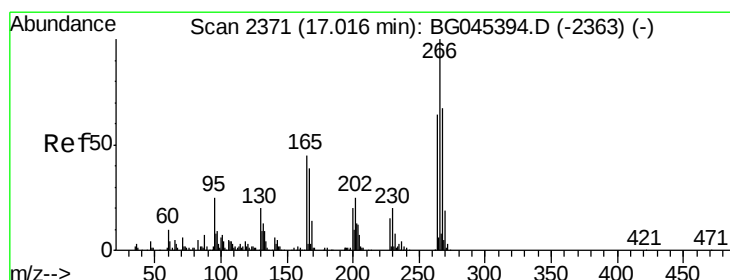
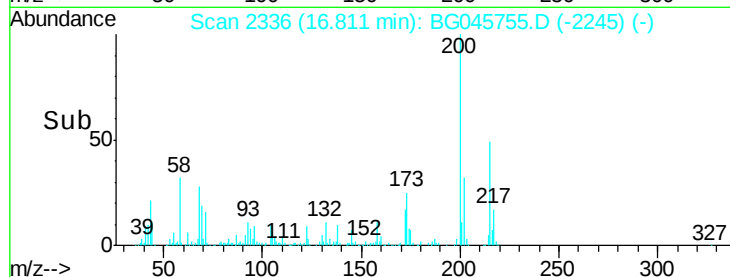
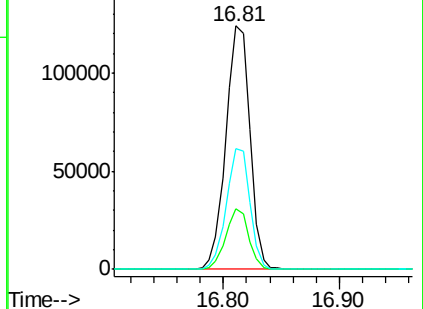
215 49.5 28.2 68.2



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: 101.704 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.02 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

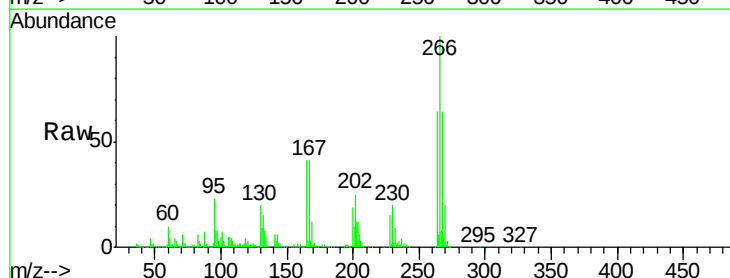
Tgt Ion:266 Resp: 222055

Ion Ratio Lower Upper

266 100

268 63.6 53.2 79.8

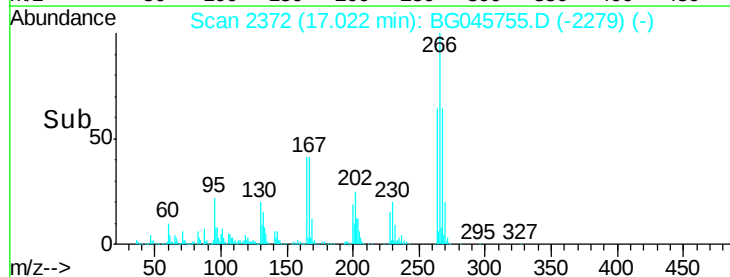
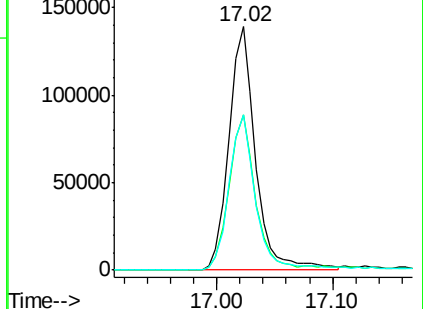
264 64.0 51.0 76.4

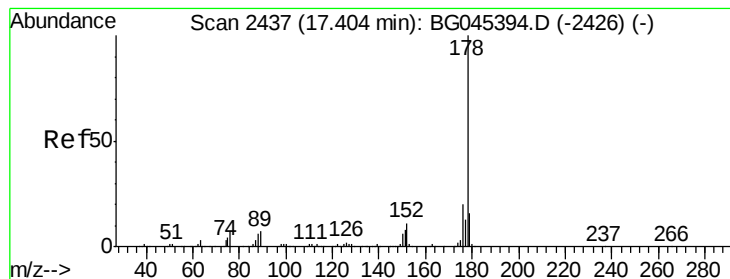


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.738 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

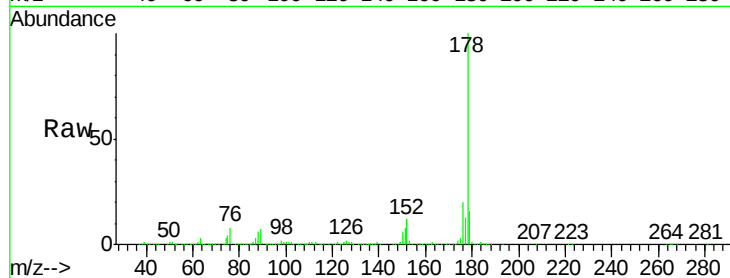
Tot Ion:178 Resp: 903415

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

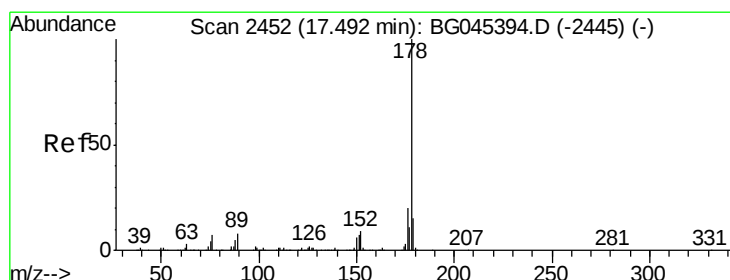
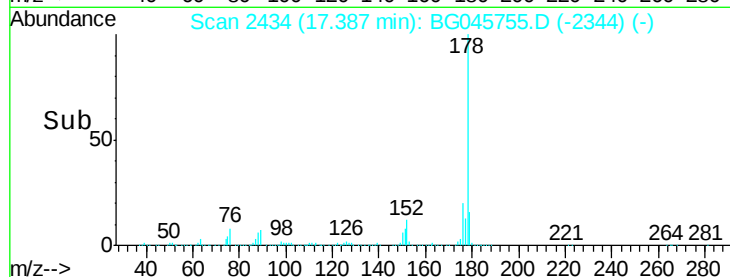
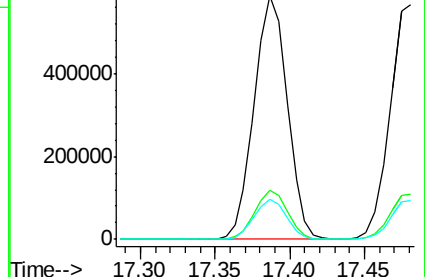
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.497 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

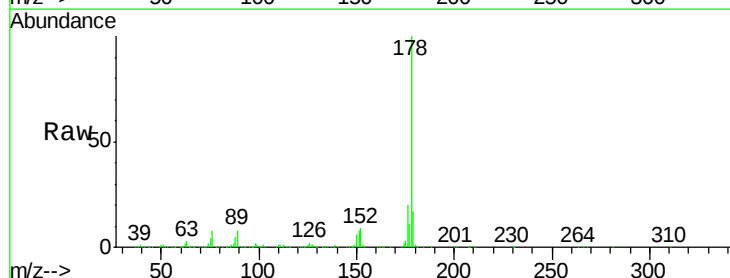
Tgt Ion:178 Resp: 870766

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

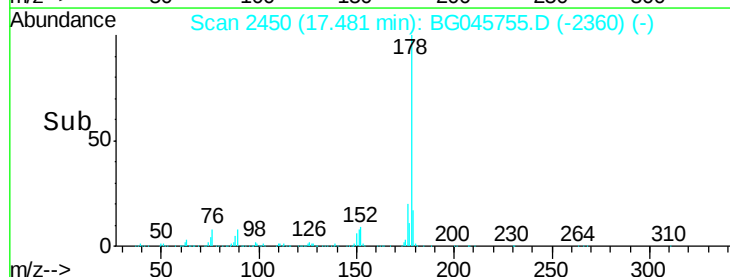
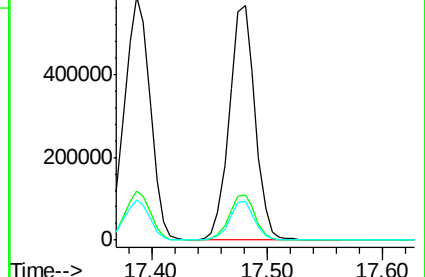
179 16.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

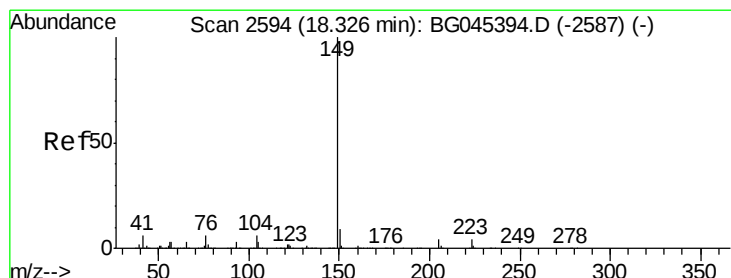
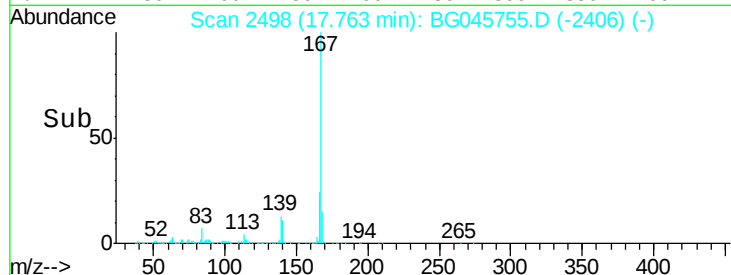
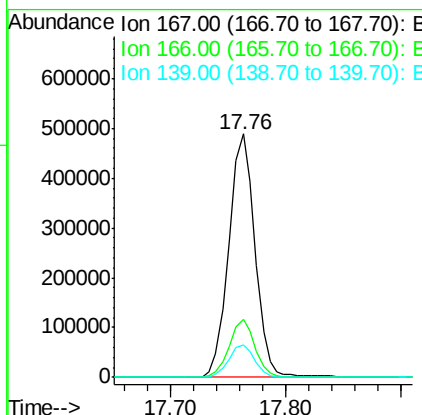
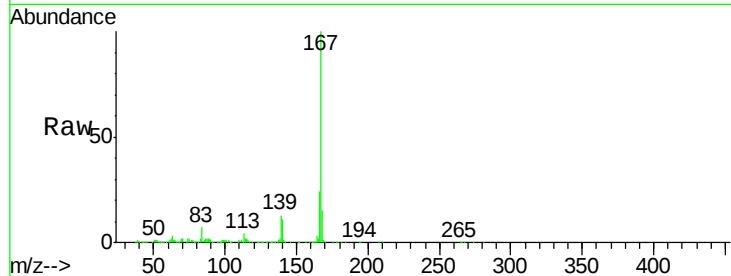




#73
 Carbazole
 Concen: 48.429 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

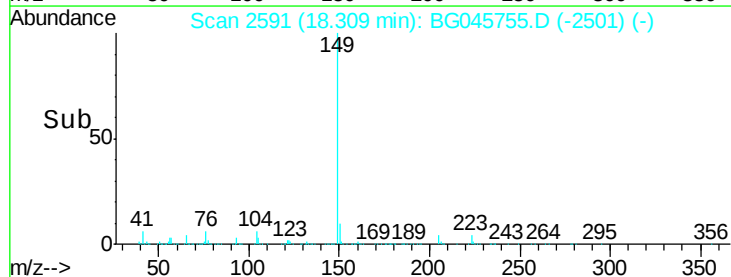
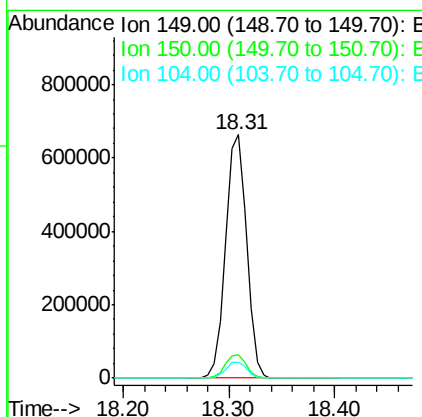
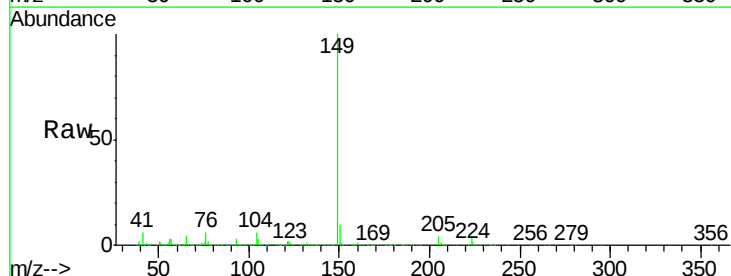
Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

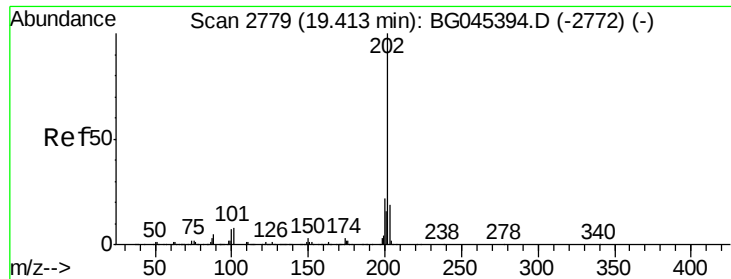
Tot Ion:167 Resp: 768372
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.2 28.8
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.623 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045755.D
 Acq: 13 Jun 2020 00:46

Tgt Ion:149 Resp: 906888
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 51.916 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

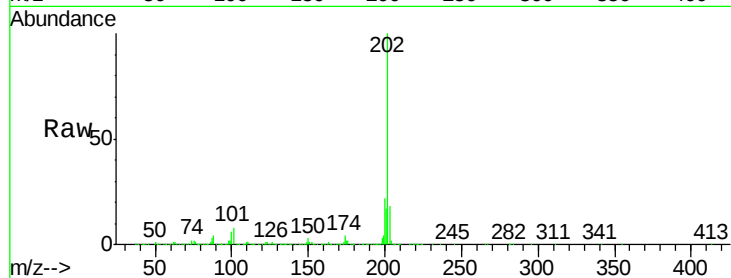
BNA_G

ClientSampleId :

15-SPMS

Tot Ion:202 Resp: 1070292

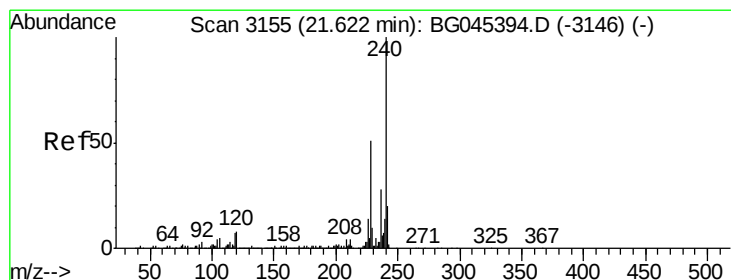
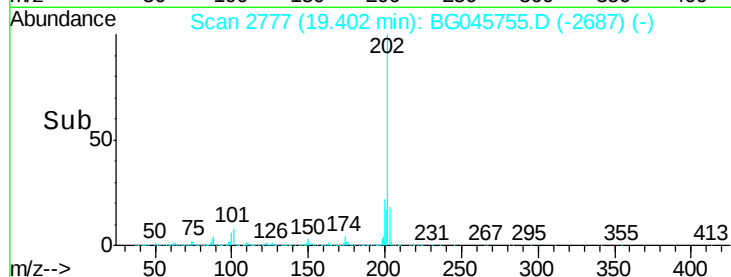
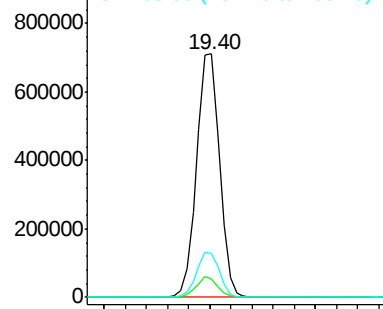
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.3
203	18.3	0.0	39.0



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: 21.60 min Scan# 3152

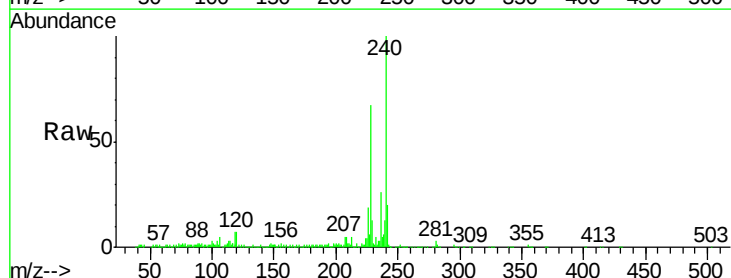
Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Tgt Ion:240 Resp: 307556

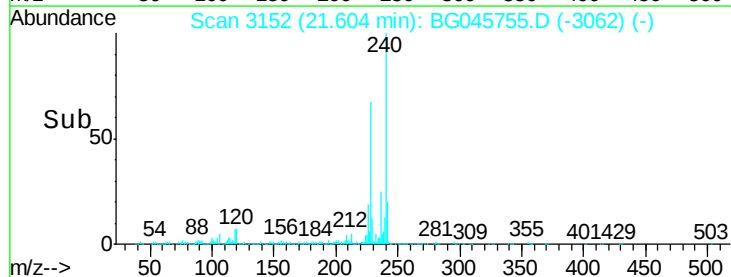
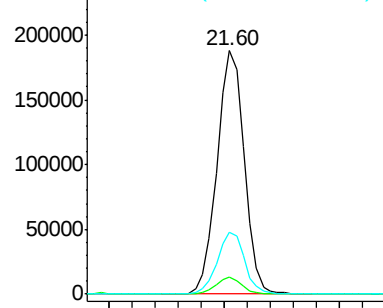
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.1	9.1
236	25.6	22.3	33.5

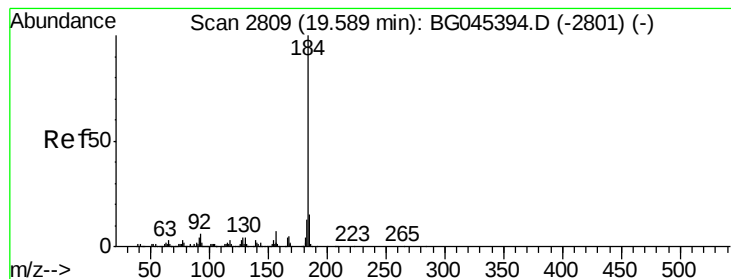


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.808 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

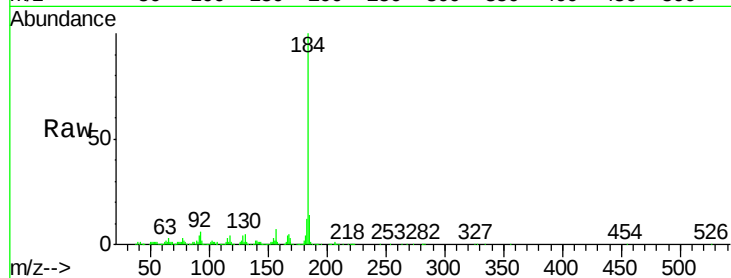
Tot Ion:184 Resp: 361128

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

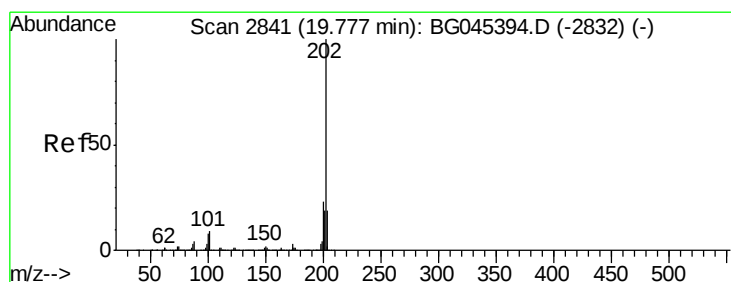
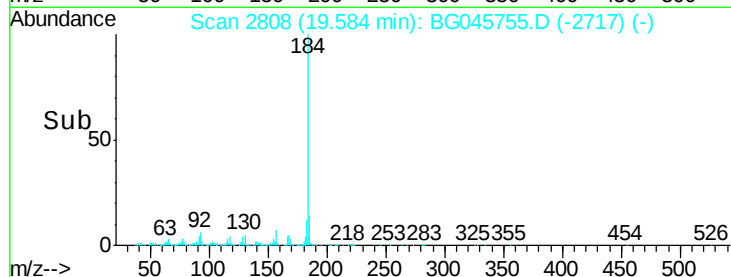
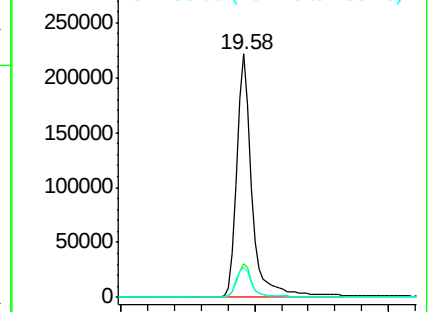
183 12.3 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 58.378 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

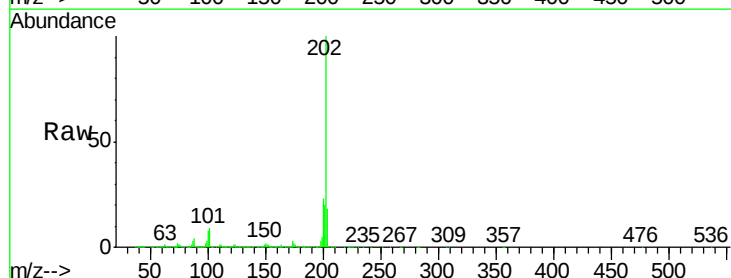
Tgt Ion:202 Resp: 1023474

Ion Ratio Lower Upper

202 100

200 23.0 18.2 27.2

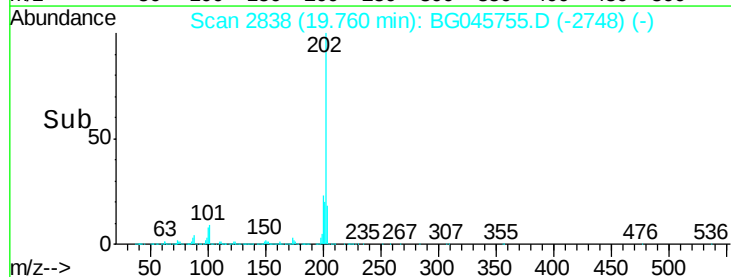
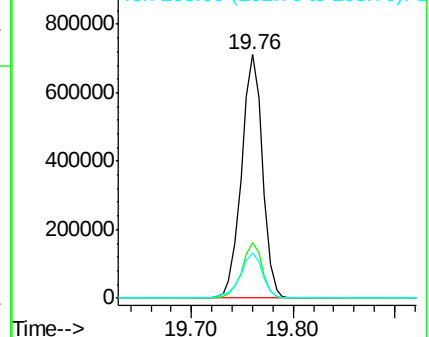
203 18.4 15.1 22.7

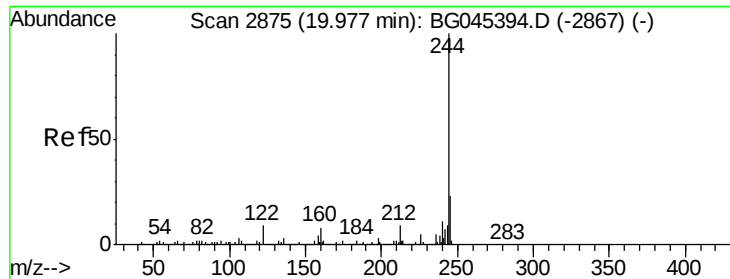


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.735 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

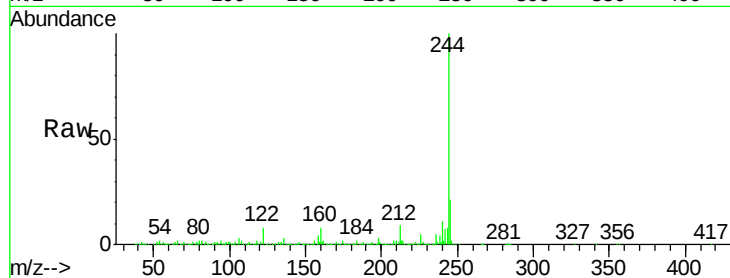
Tot Ion:244 Resp: 1130576

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

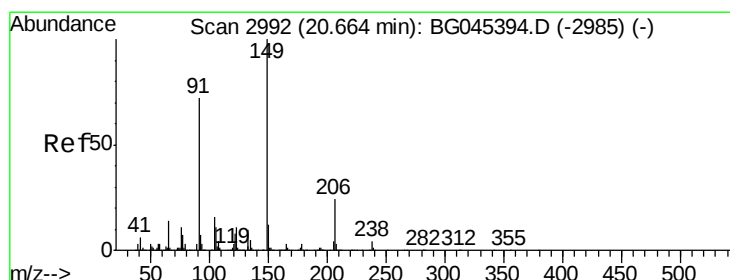
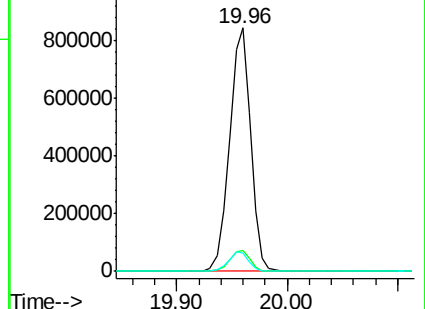
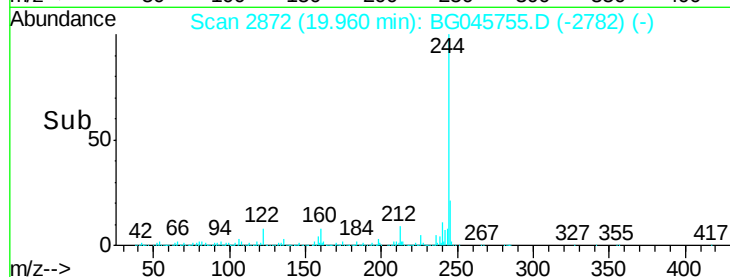
122 7.7 6.8 10.2



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: 50.552 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

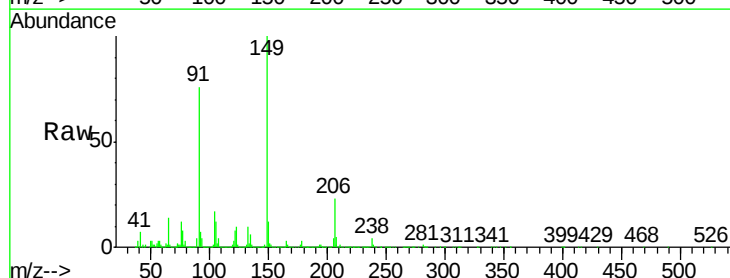
Tgt Ion:149 Resp: 382549

Ion Ratio Lower Upper

149 100

91 76.0 57.8 86.6

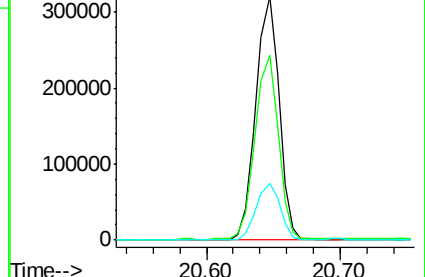
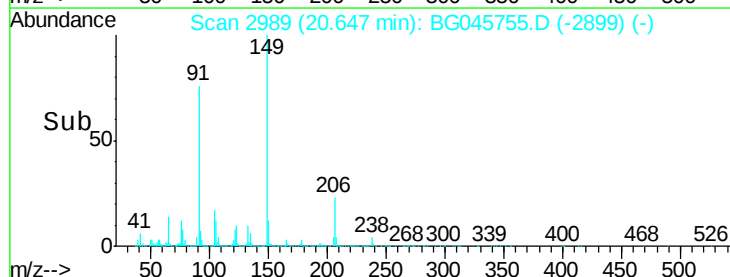
206 23.2 19.1 28.7

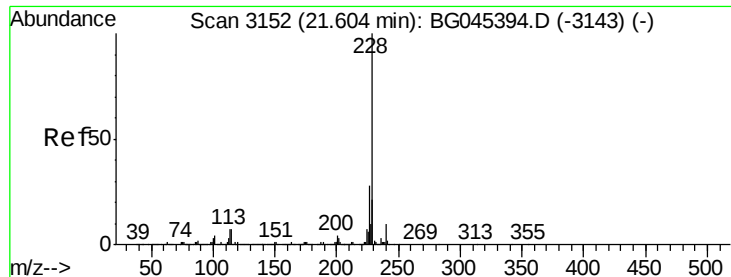


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.024 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

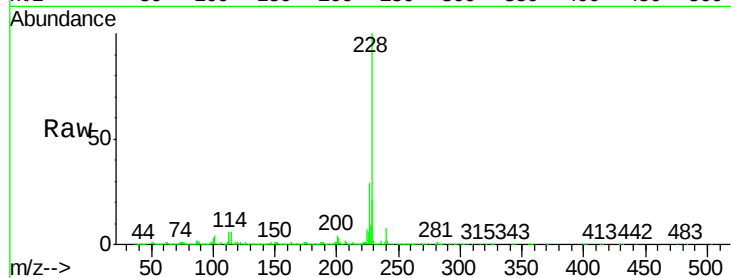
Tot Ion:228 Resp: 925593

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

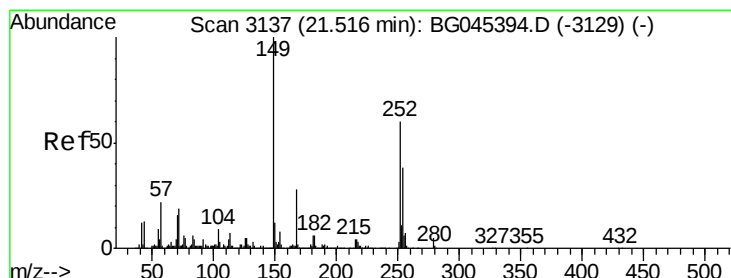
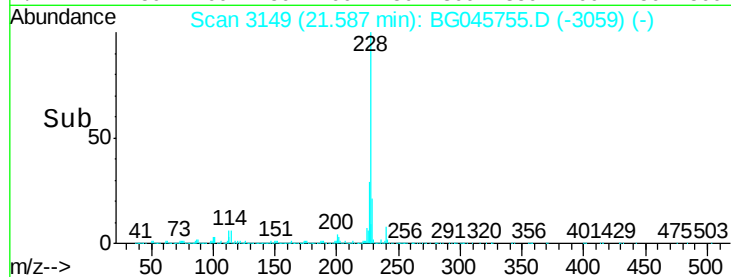
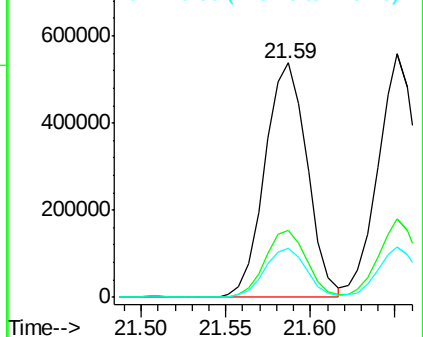
229 21.0 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.448 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

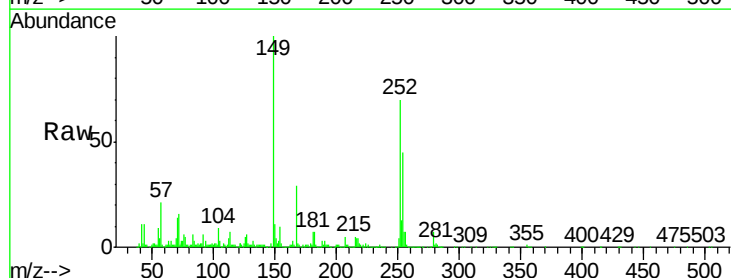
Tgt Ion:252 Resp: 231512

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

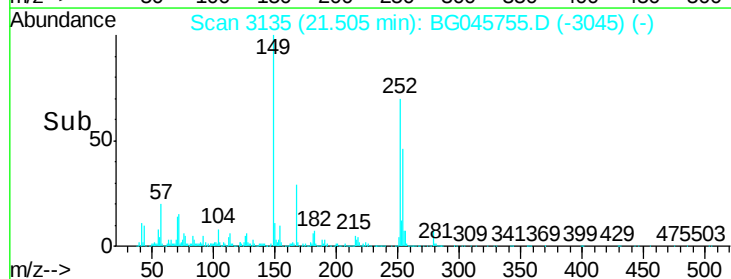
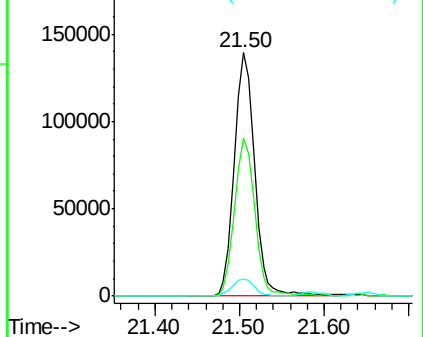
126 7.2 6.6 10.0



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: 54.372 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

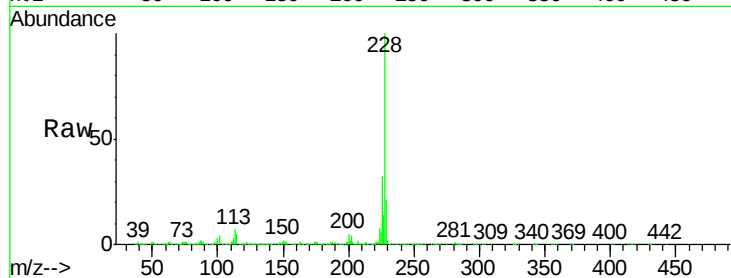
Tot Ion:228 Resp: 895719

Ion Ratio Lower Upper

228 100

226 32.5 25.2 37.8

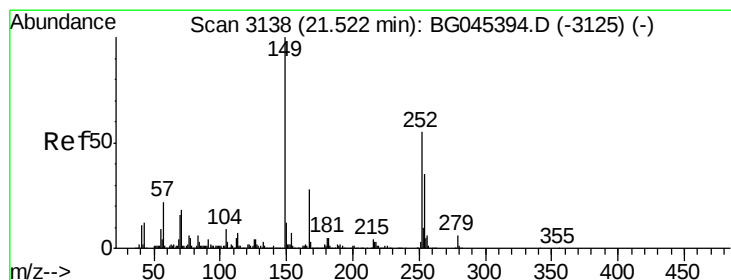
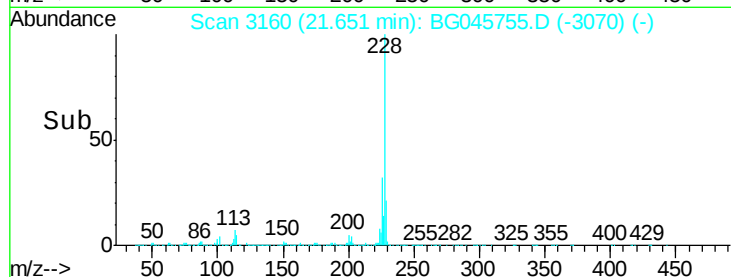
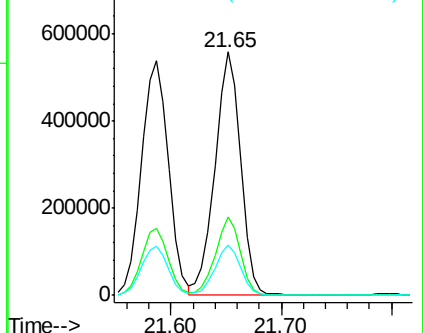
229 20.9 16.7 25.1



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: 51.498 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

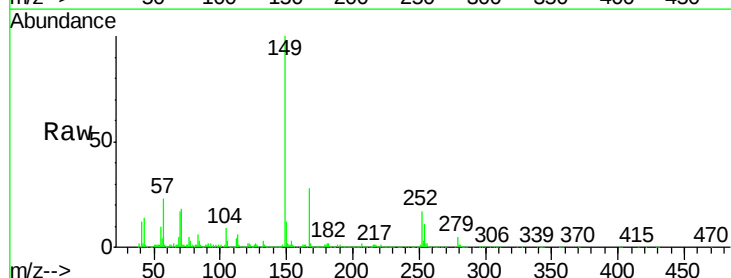
Tgt Ion:149 Resp: 535700

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

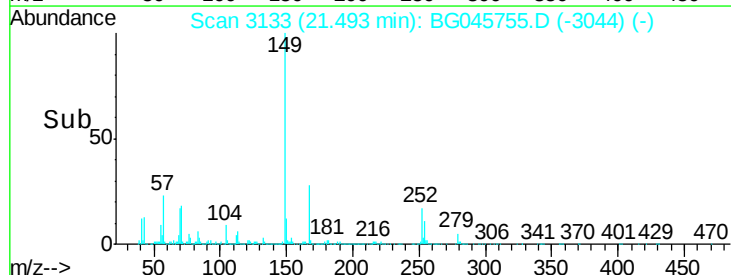
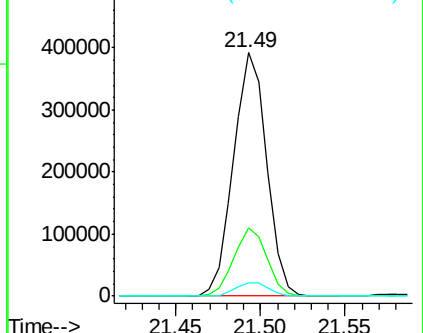
279 5.4 4.7 7.1

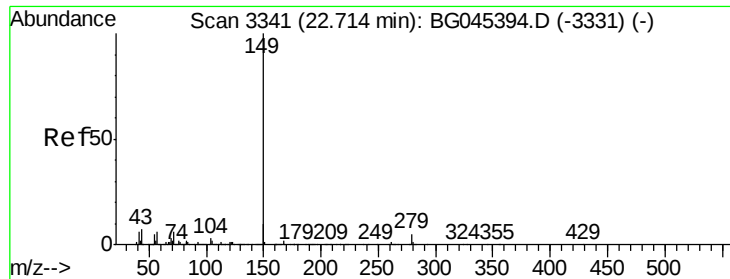


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.945 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

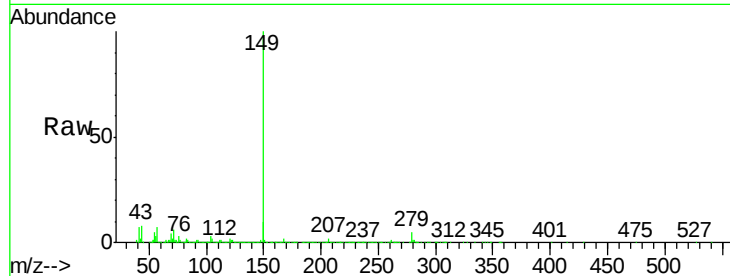
Tot Ion:149 Resp: 874469

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

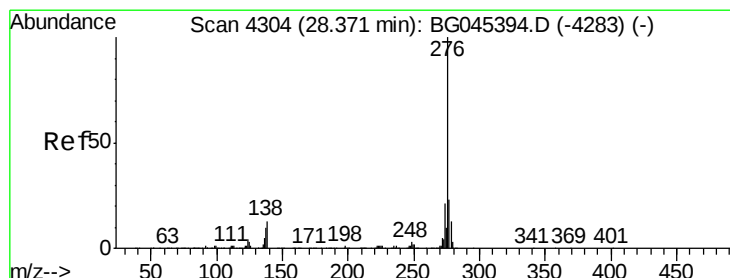
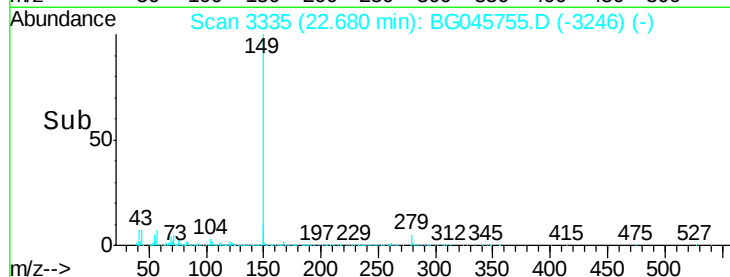
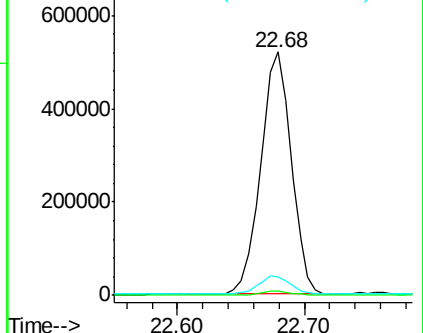
43 7.6 5.8 8.8



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: 53.284 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.02 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

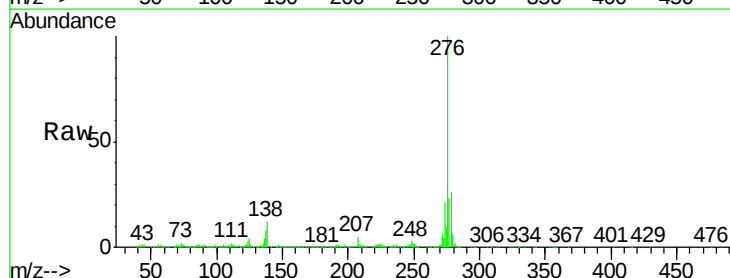
Tgt Ion:276 Resp: 1147874

Ion Ratio Lower Upper

276 100

138 9.5 8.6 12.8

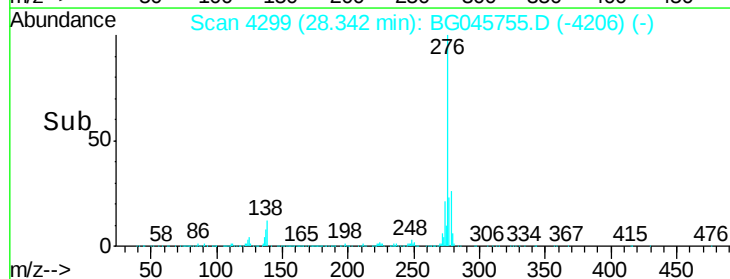
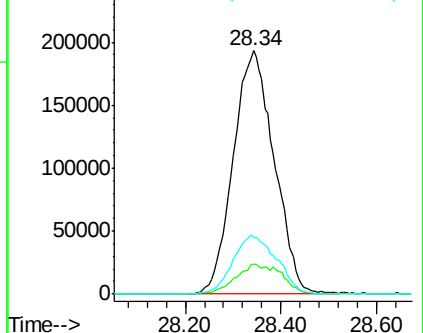
277 25.3 20.2 30.4

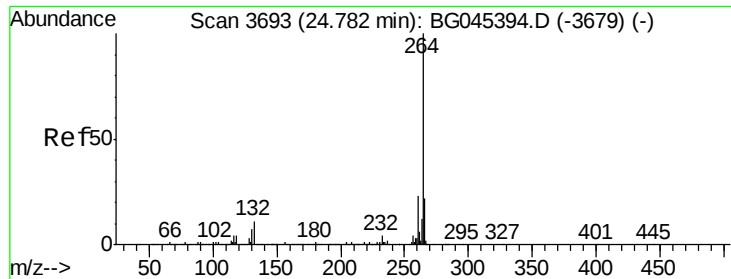


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

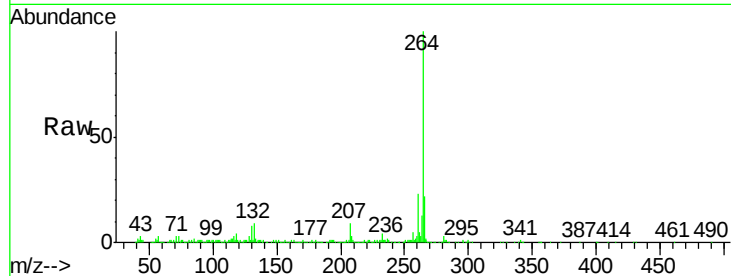
Tot Ion:264 Resp: 334699

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

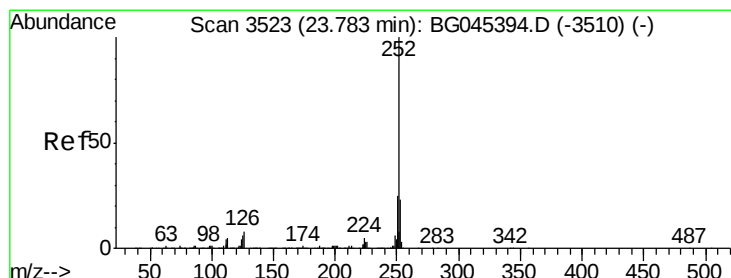
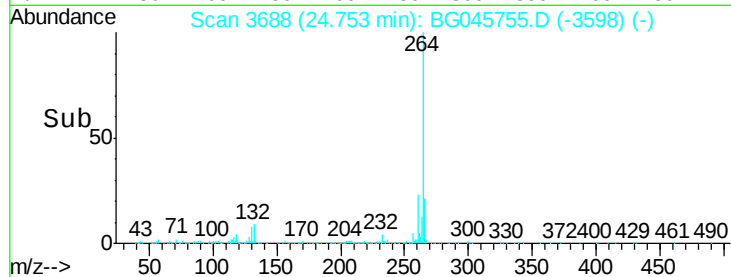
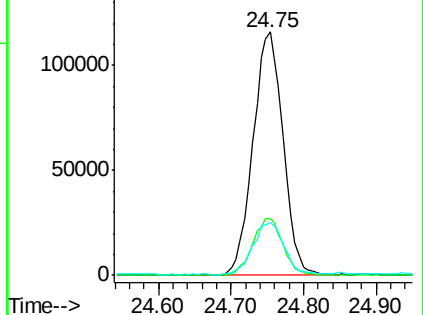
265 21.7 17.6 26.4



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: 54.177 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

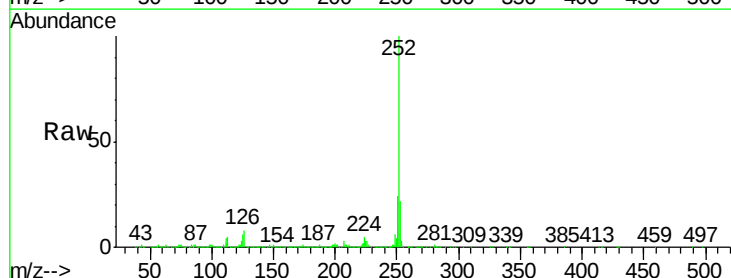
Tgt Ion:252 Resp: 972487

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

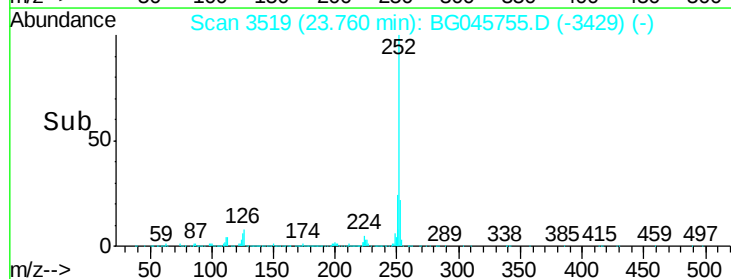
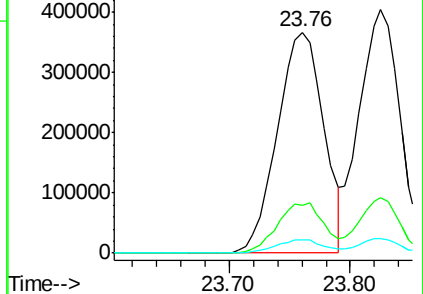
125 5.9 5.0 7.6

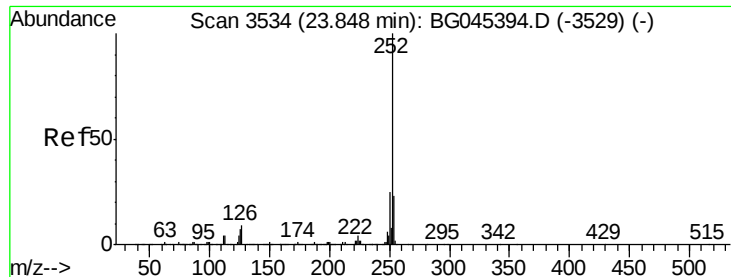


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 56.019 ng

RT: 23.83 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

Instrument :

BNA_G

ClientSampleId :

15-SPMS

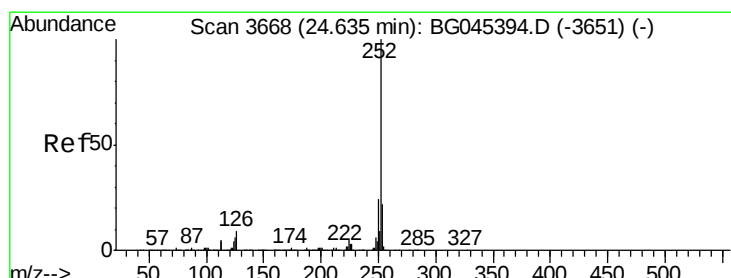
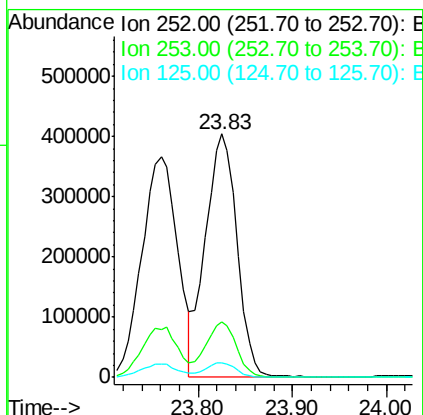
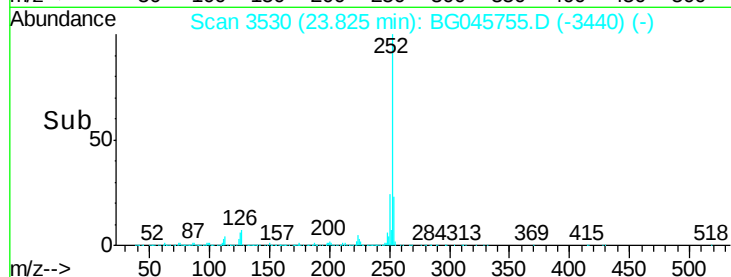
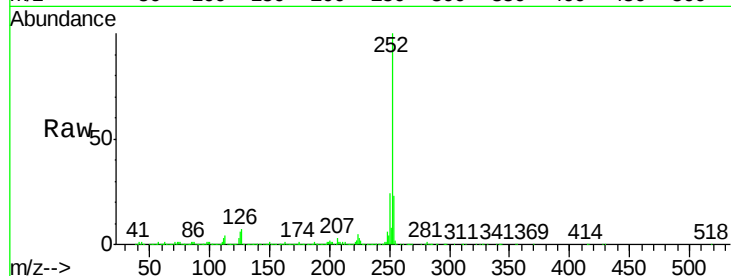
Tot Ion:252 Resp: 944709

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 5.9 5.7 8.5



#90

Benzo(a)pyrene

Concen: 53.554 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045755.D

Acq: 13 Jun 2020 00:46

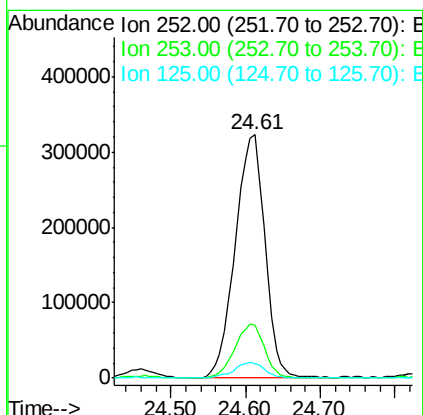
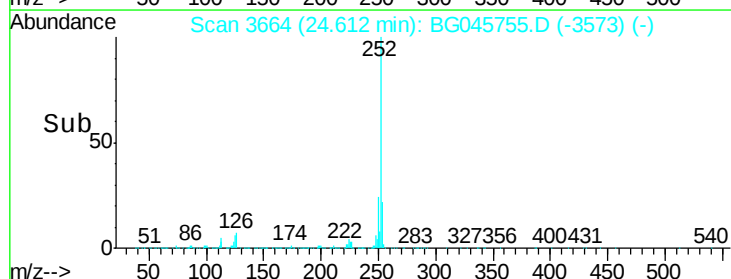
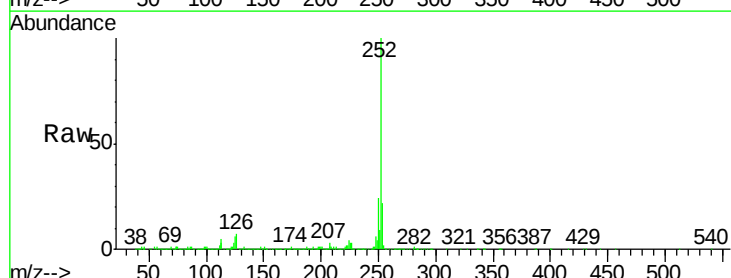
Tgt Ion:252 Resp: 895288

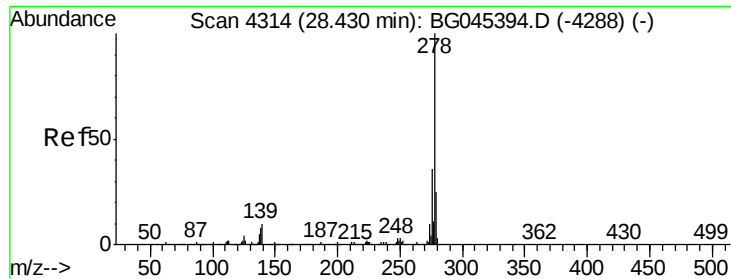
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 5.8 5.0 7.6

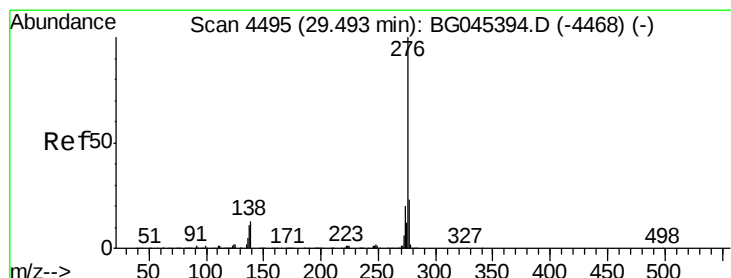
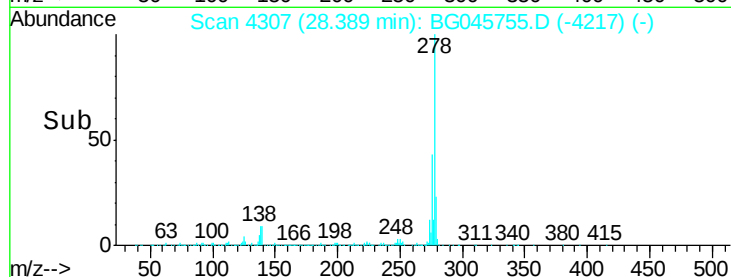
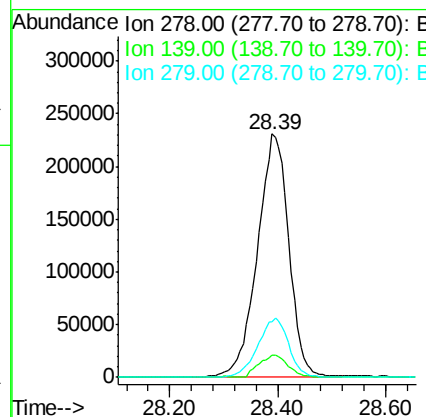
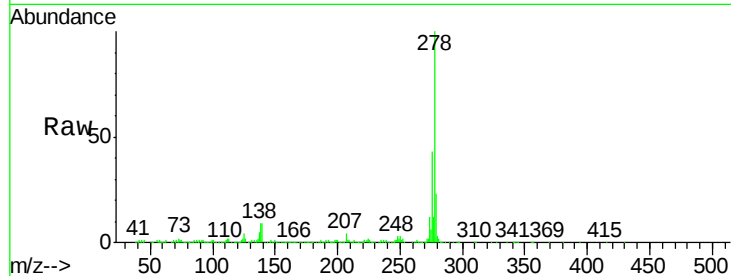




#91
Dibenzo(a,h)anthracene
Concen: 54.949 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	22.9	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 55.155 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045755.D
Acq: 13 Jun 2020 00:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.1	27.1
138	12.0	10.2	15.4

