

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040769.D
 Acq On : 7 May 2019 14:41
 Operator : HP/JU
 Sample : K2674-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Quant Time: May 08 03:53:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	48426	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	185593	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135432	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	372071	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	376639	20.00	ng	-0.02
87) Perylene-d12	25.16	264	396431	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	399975	145.60	ng	0.00
7) Phenol-d6	7.28	99	569666	134.68	ng	-0.01
23) Nitrobenzene-d5	9.32	82	495624	123.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	4808	2.58	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	1041807	111.09	ng	-0.02
79) Terphenyl-d14	20.11	244	2052682	120.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	50920	40.757	ng	89
3) Pyridine	3.95	79	147921	40.847	ng	98
4) n-Nitrosodimethylamine	3.87	42	93941	46.769	ng	# 94
6) Aniline	7.47	93	245958	43.870	ng	98
8) 2-Chlorophenol	7.71	128	167315	49.879	ng	97
9) Benzaldehyde	7.28	77	111648	45.769	ng	98
10) Phenol	7.31	94	193049	42.457	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	167532	49.135	ng	96
12) 1,3-Dichlorobenzene	8.03	146	163086	44.544	ng	97
13) 1,4-Dichlorobenzene	8.18	146	166090	44.749	ng	99
14) 1,2-Dichlorobenzene	8.50	146	162166	45.306	ng	99
15) Benzyl Alcohol	8.38	79	207096	47.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	284868	41.964	ng	98
17) 2-Methylphenol	8.58	107	149725	46.531	ng	93
18) Hexachloroethane	9.23	117	62252	40.888	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	163119	42.840	ng	98
20) 3+4-Methylphenols	8.90	107	205594	45.865	ng	99
22) Acetophenone	8.98	105	300699	58.265	ng	# 95
24) Nitrobenzene	9.37	77	253223	59.088	ng	98
25) Isophorone	9.88	82	468716	52.388	ng	99
26) 2-Nitrophenol	10.07	139	6808	4.432	ng	95
27) 2,4-Dimethylphenol	10.11	122	153954	53.414	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	243289	54.198	ng	99
29) 2,4-Dichlorophenol	10.61	162	159738	48.749	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	212279	58.419	ng	96
31) Naphthalene	11.02	128	537335	54.497	ng	99
32) Benzoic acid	10.11	122	153954	78.025	ng	# 17
33) 4-Chloroaniline	11.13	127	239211	54.718	ng	95
34) Hexachlorobutadiene	11.28	225	149384	55.685	ng	98
35) Caprolactam	11.90	113	56951	44.022	ng	90
36) 4-Chloro-3-methylphenol	12.22	107	224122	54.218	ng	99
37) 2-Methylnaphthalene	12.61	142	416468	56.493	ng	99
38) 1-Methylnaphthalene	12.83	142	396923	55.084	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	293391	58.153	ng	98

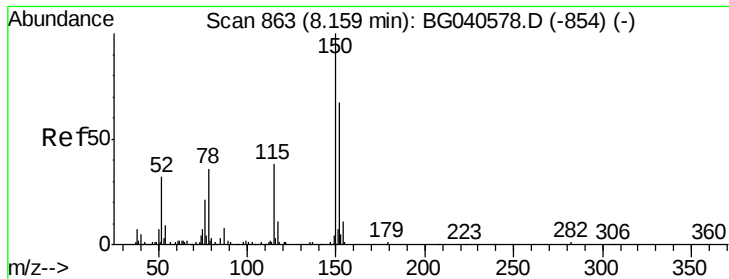
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	226969	76.239	nq	96
43) 2,4,6-Trichlorophenol	13.28	196	33194	10.887	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	33194	9.994	nq	95
46) 1,1'-Biphenyl	13.61	154	568798	54.094	nq	97
47) 2-Chloronaphthalene	13.66	162	463662	56.345	nq	98
48) 2-Nitroaniline	13.86	65	197935	67.573	nq	94
49) Acenaphthylene	14.50	152	740290	53.024	nq	99
50) Dimethylphthalate	14.22	163	661098	58.343	nq	99
51) 2,6-Dinitrotoluene	14.35	165	142631	64.494	nq	94
52) Acenaphthene	14.84	154	435384	53.549	nq	97
53) 3-Nitroaniline	14.69	138	143824	63.471	nq #	94
54) 2,4-Dinitrophenol	14.38	184	67	7.064	nq #	1
55) Dibenzofuran	15.17	168	774349	58.146	nq	100
56) 4-Nitrophenol	15.17	139	311889	158.735	nq #	1
57) 2,4-Dinitrotoluene	15.13	165	190536	63.404	nq #	93
58) Fluorene	15.82	166	614751	57.112	nq	99
60) Diethylphthalate	15.57	149	699734	58.528	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	380855	60.836	nq	98
62) 4-Nitroaniline	15.84	138	161224	63.605	nq	92
63) Azobenzene	16.10	77	656588	53.327	nq	97
65) 4,6-Dinitro-2-methylphenol	16.25	198	772	7.460	nq	85
66) n-Nitrosodiphenylamine	16.02	169	579119	52.903	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	259909	56.070	nq	94
68) Hexachlorobenzene	16.81	284	266070	55.511	nq	95
69) Atrazine	16.96	200	258821	59.677	nq	98
71) Phenanthrene	17.56	178	1103945	55.085	nq	98
72) Anthracene	17.65	178	1117318	55.466	nq	97
73) Carbazole	17.92	167	993866	54.153	nq	99
74) Di-n-butylphthalate	18.46	149	1183020	53.405	nq	100
75) Fluoranthene	19.56	202	1429595	57.243	nq	99
77) Benzidine	19.74	184	929187	90.102	nq	98
78) Pyrene	19.93	202	1413600	59.883	nq	96
80) Butylbenzylphthalate	20.79	149	536886	58.354	nq	96
81) Benzo(a)anthracene	21.78	228	1406164	59.073	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	491470	57.927	nq	100
83) Chrysene	21.85	228	1366031	60.342	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	771434	58.085	nq	96
85) Di-n-octyl phthalate	22.91	149	1288715	57.617	nq	98
86) Indeno(1,2,3-cd)pyrene	29.01	276	1443760	52.749	nq #	90
88) Benzo(b)fluoranthene	24.08	252	1436772	59.309	nq	98
89) Benzo(k)fluoranthene	24.16	252	1399253	61.848	nq	98
90) Benzo(a)pyrene	25.00	252	1392716	60.734	nq	99
91) Dibenzo(a,h)anthracene	29.08	278	1182241	50.946	nq	97
92) Benzo(g,h,i)perylene	30.24	276	1207961	52.304	nq	97

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

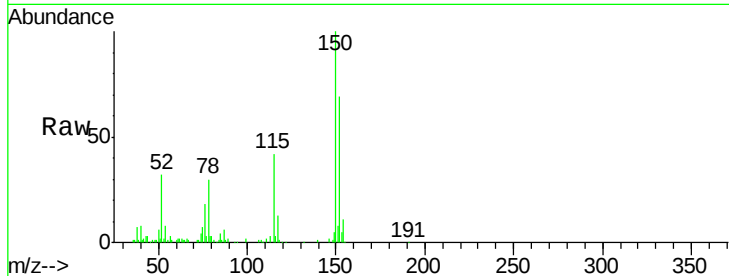


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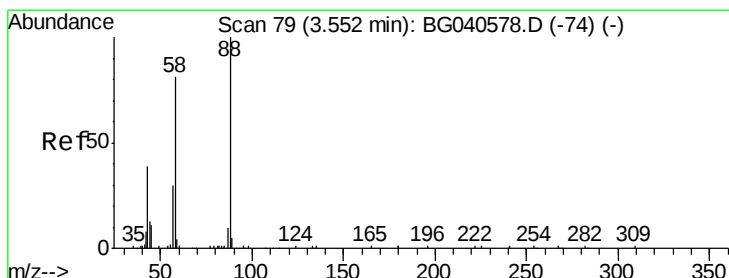
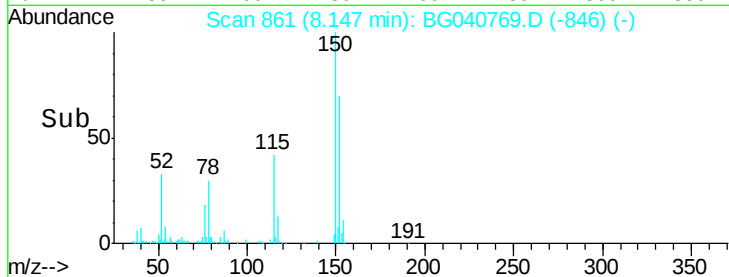
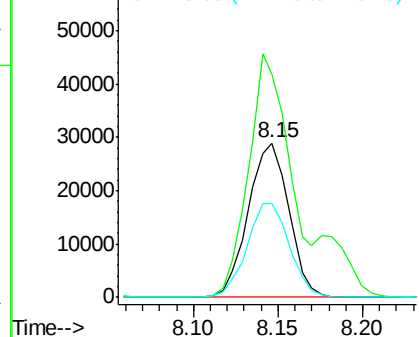
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	152	Resp	48426
Ion Ratio	Lower	Upper	
152	100		
150	144.8	120.2	180.2
115	60.8	46.2	69.2



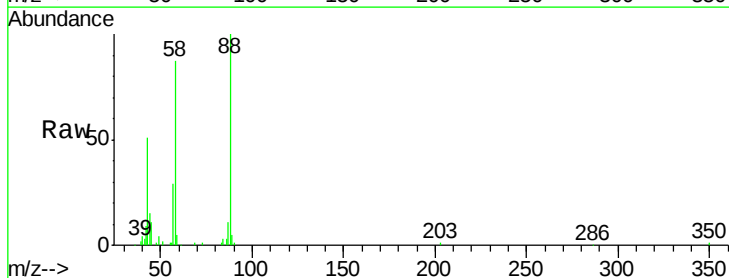
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



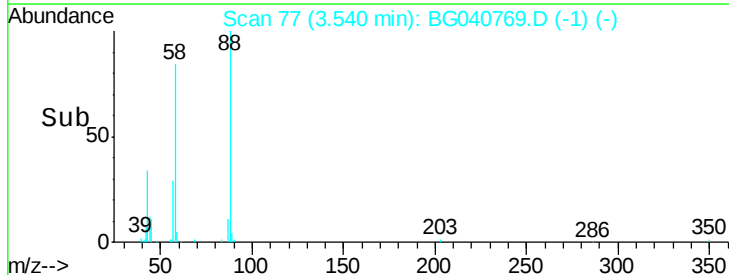
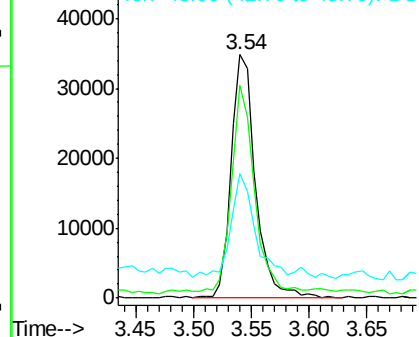
#2

1,4-Dioxane
Concen: 40.757 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	88	Resp	50920
Ion Ratio	Lower	Upper	
88	100		
58	78.2	71.2	106.8
43	38.0	35.6	53.4



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: 40.847 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

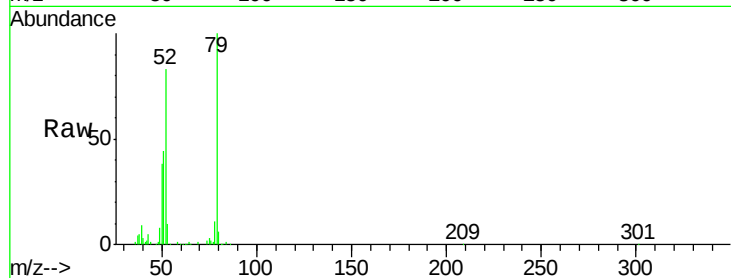
Tot Ion: 79 Resp: 147921

Ion Ratio Lower Upper

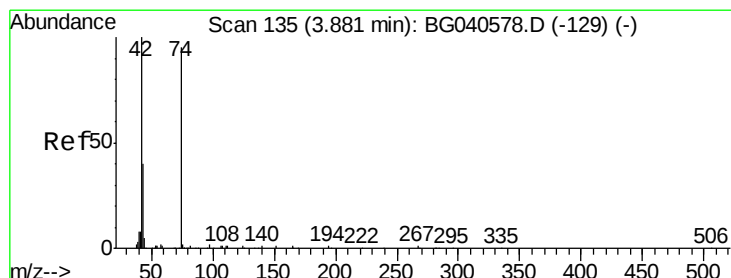
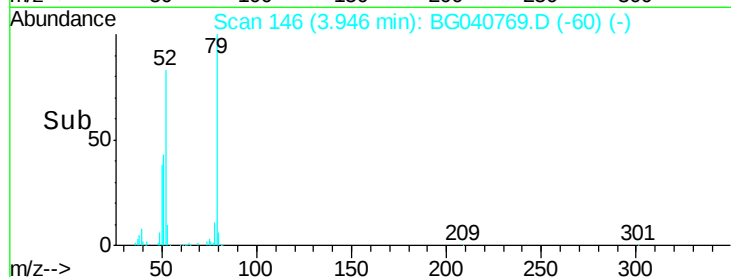
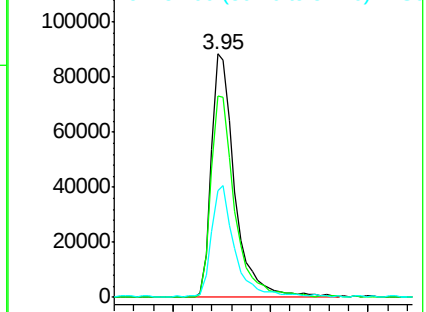
79 100

52 82.9 67.5 101.3

51 43.6 35.6 53.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.769 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

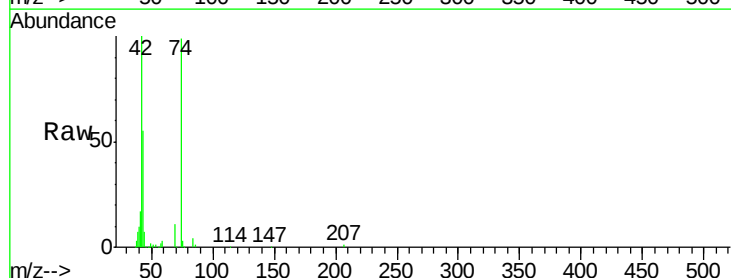
Tgt Ion: 42 Resp: 93941

Ion Ratio Lower Upper

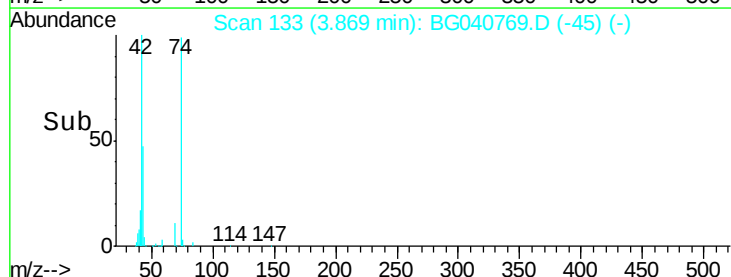
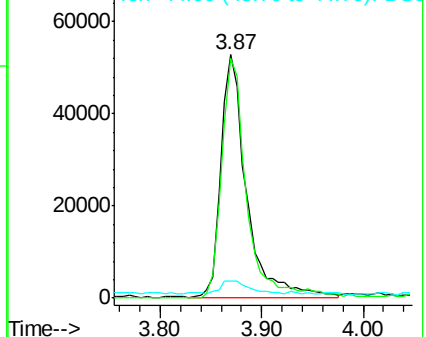
42 100

74 98.7 74.6 111.8

44 7.1 7.4 11.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.596 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

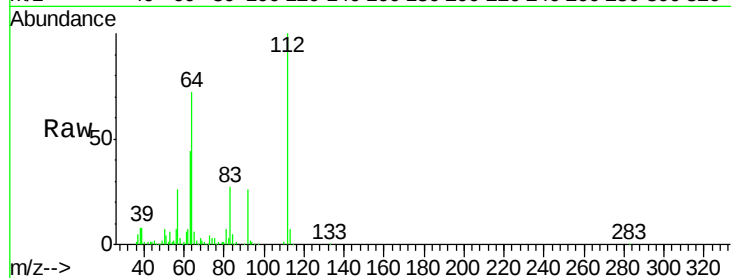
Tot Ion:112 Resp: 399975

Ion Ratio Lower Upper

112 100

64 72.2 61.4 92.0

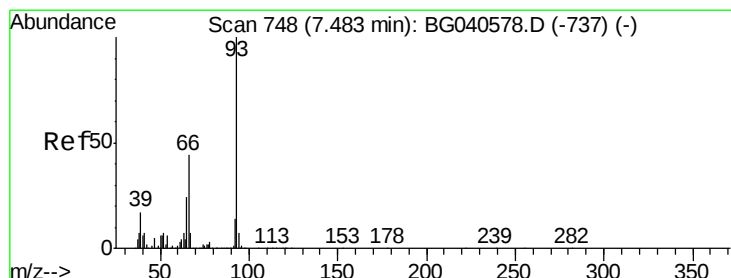
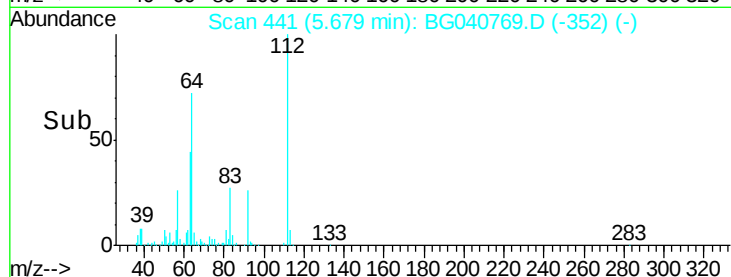
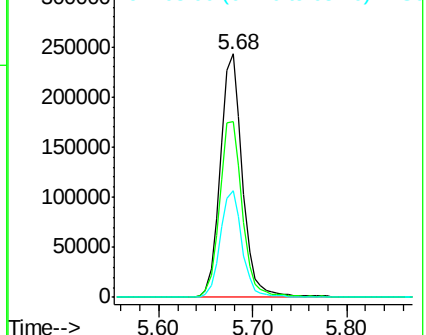
63 43.7 37.8 56.6



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: 43.870 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

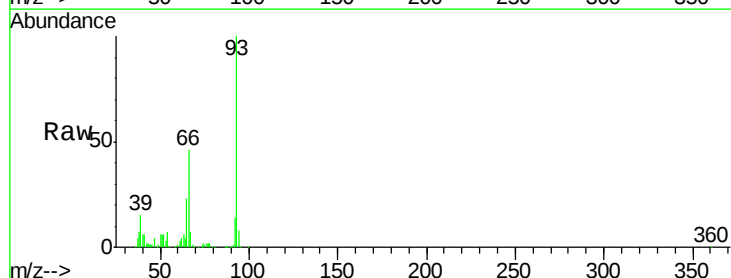
Tgt Ion: 93 Resp: 245958

Ion Ratio Lower Upper

93 100

66 45.6 35.5 53.3

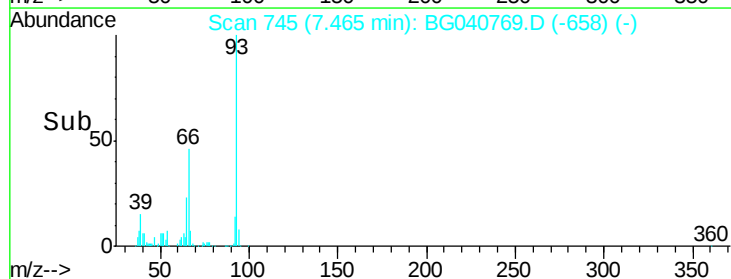
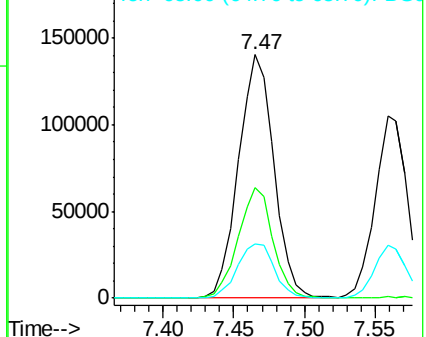
65 22.5 19.2 28.8



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: 134.678 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

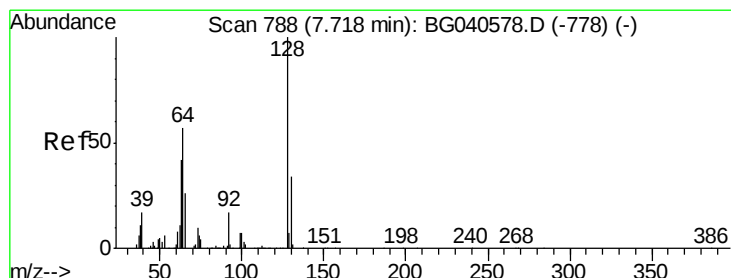
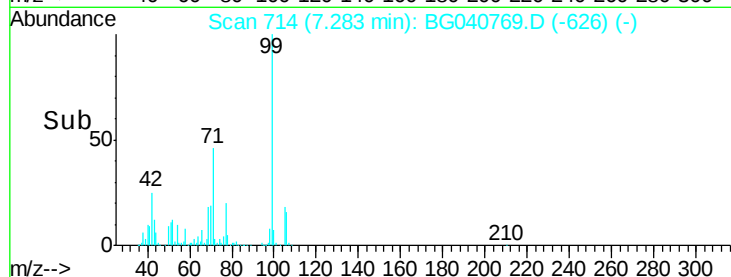
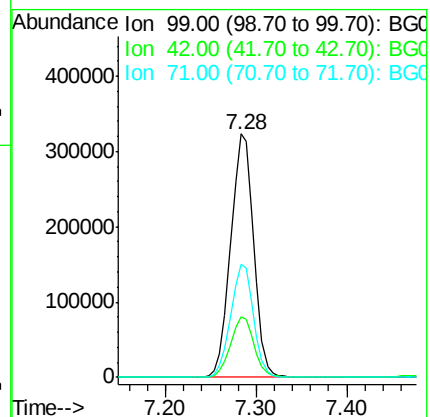
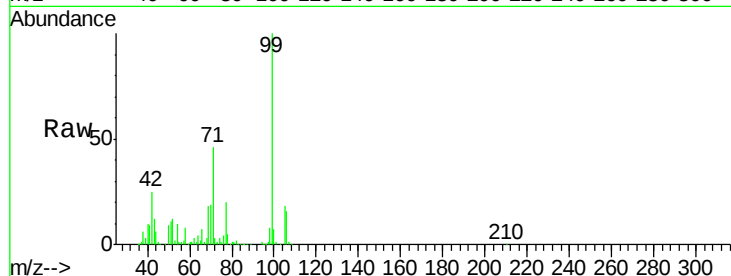
Tot Ion: 99 Resp: 569666

Ion Ratio Lower Upper

99 100

42 25.0 21.8 32.8

71 46.3 38.6 57.8



#8

2-Chlorophenol

Concen: 49.879 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

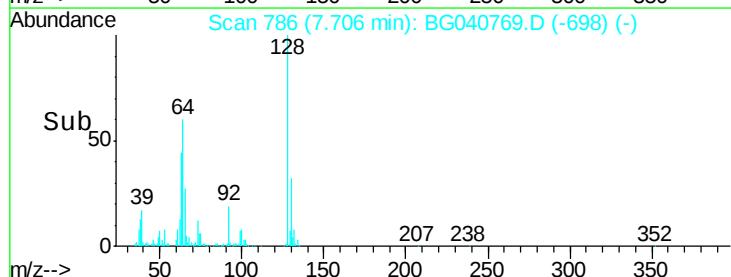
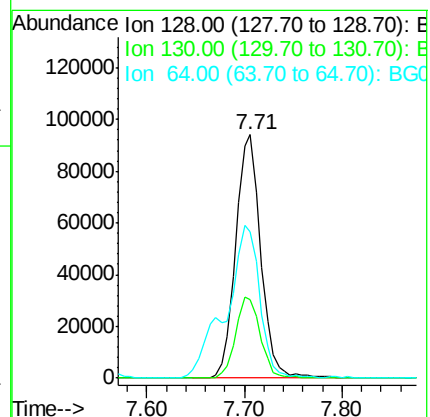
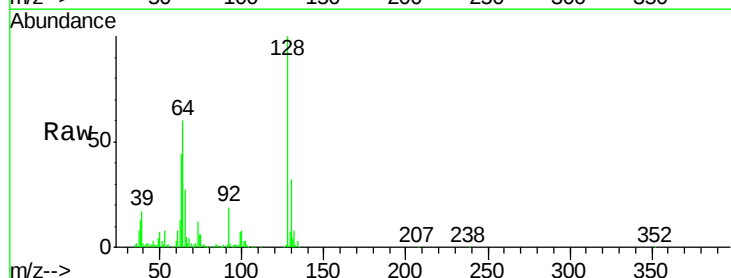
Tgt Ion: 128 Resp: 167315

Ion Ratio Lower Upper

128 100

130 32.0 14.5 54.5

64 59.9 38.4 78.4





#9

Benzaldehyde

Concen: 45.769 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

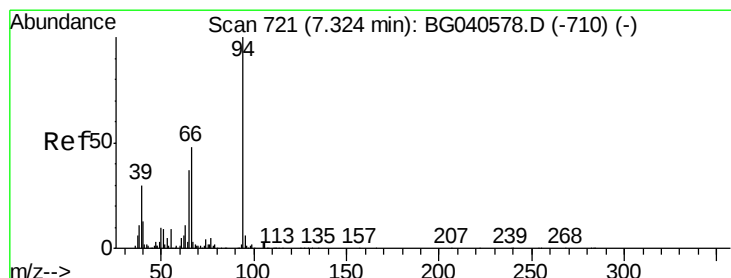
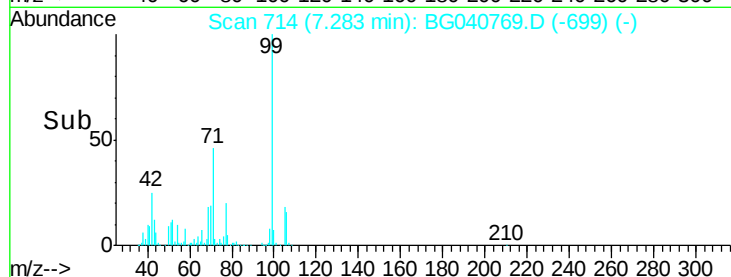
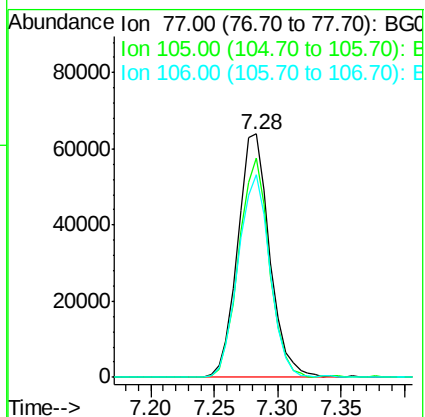
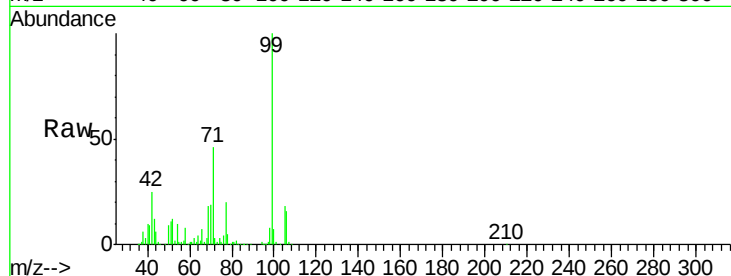
Tot Ion: 77 Resp: 111648

Ion Ratio Lower Upper

77 100

105 90.2 72.0 112.0

106 83.1 61.2 101.2



#10

Phenol

Concen: 42.457 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

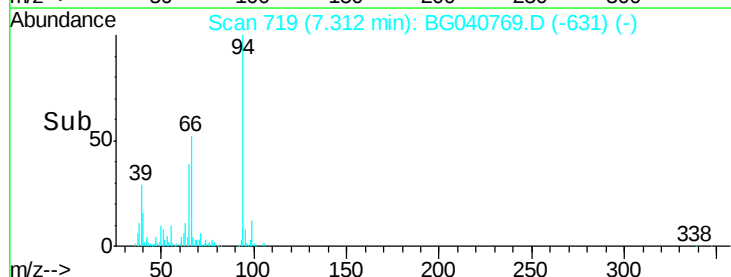
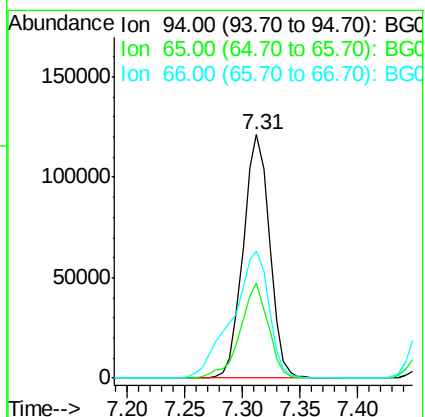
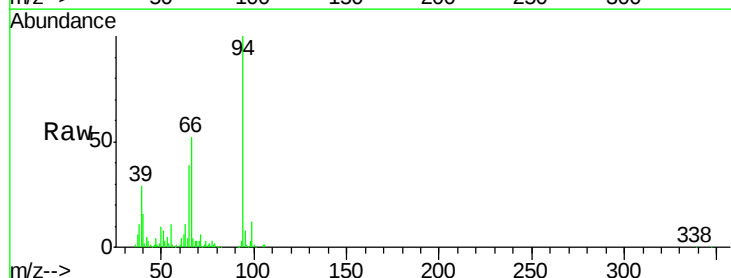
Tgt Ion: 94 Resp: 193049

Ion Ratio Lower Upper

94 100

65 39.0 17.0 57.0

66 52.3 28.6 68.6

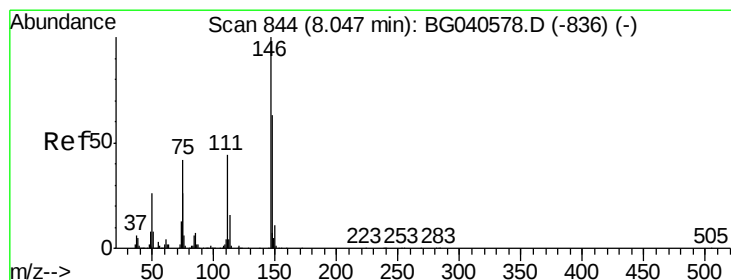
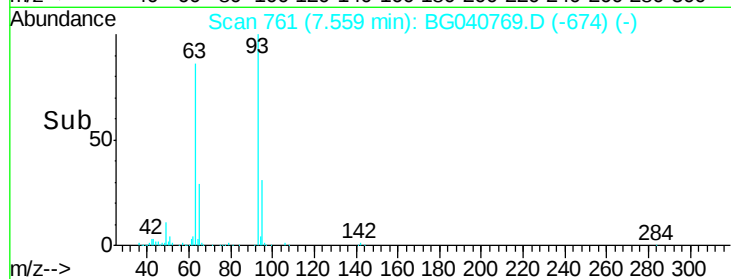
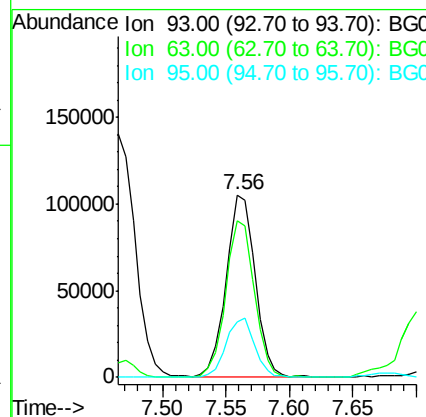
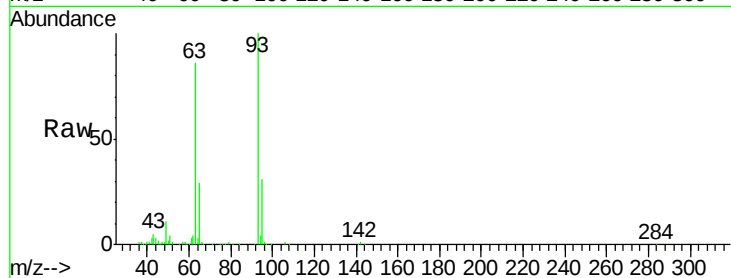




#11
bis(2-Chloroethyl)ether
Concen: 49.135 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

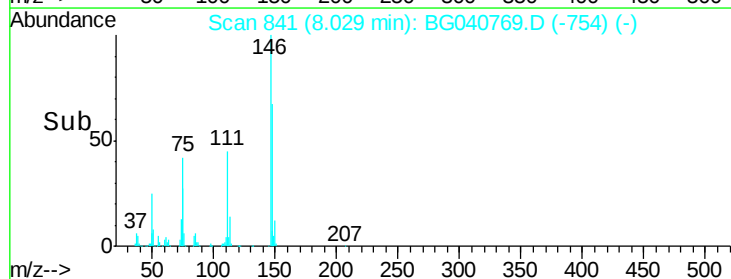
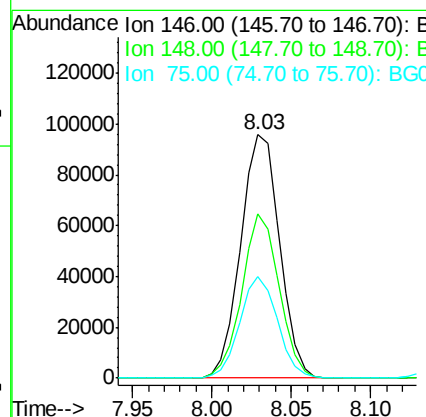
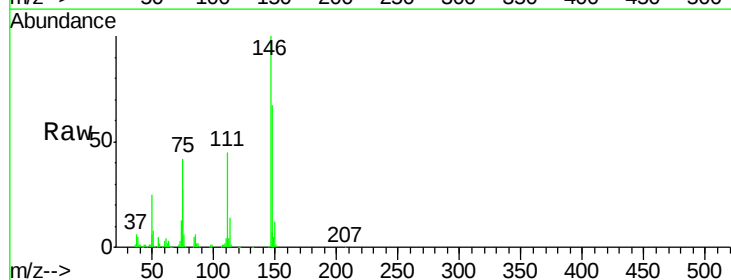
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

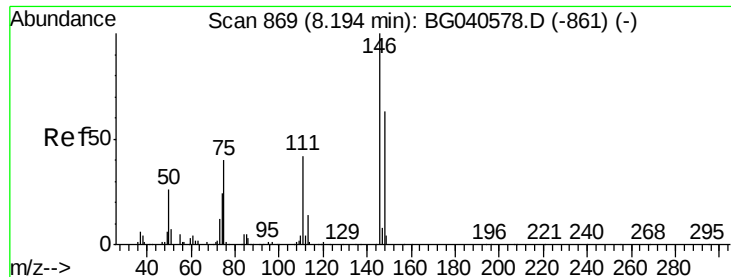
Tot Ion: 93 Resp: 167532
Ion Ratio Lower Upper
93 100
63 85.5 68.2 108.2
95 30.5 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 44.544 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion: 146 Resp: 163086
Ion Ratio Lower Upper
146 100
148 67.5 50.7 76.1
75 41.9 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 44.749 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

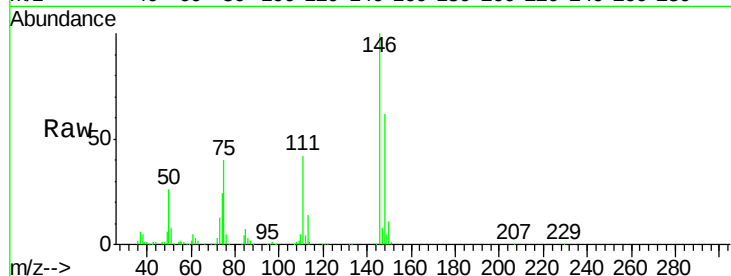
Tot Ion:146 Resp: 166090

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

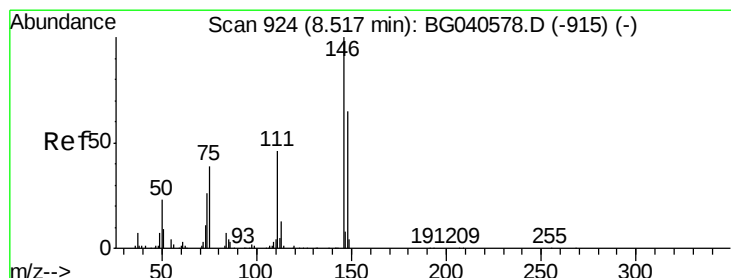
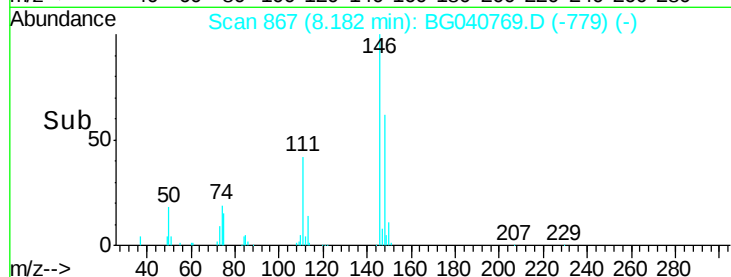
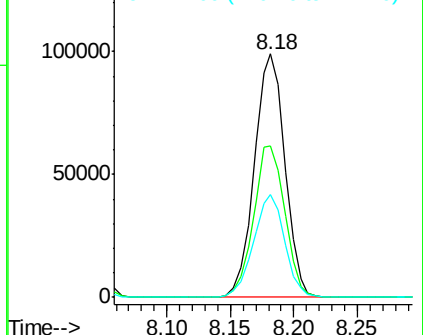
111 42.4 34.3 51.5



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: 45.306 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

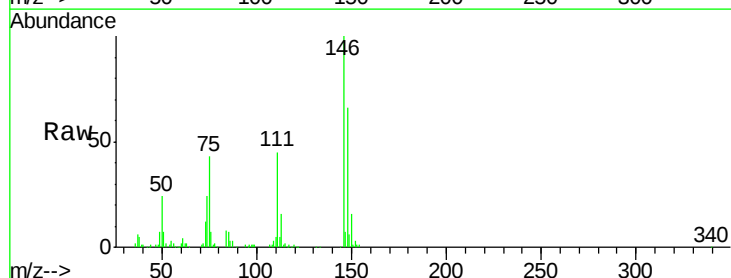
Tgt Ion:146 Resp: 162166

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.4

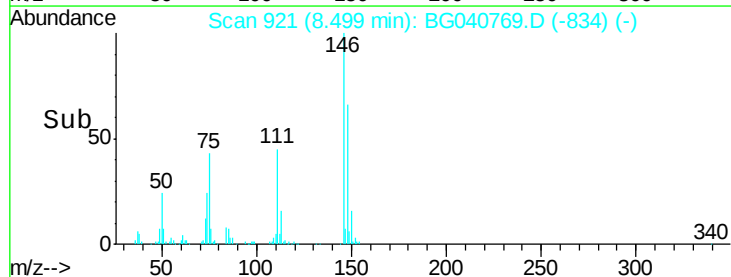
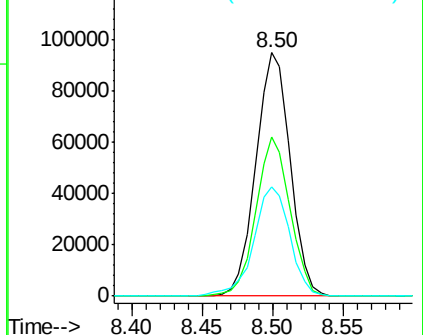
111 45.0 37.4 56.0



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: 47.055 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

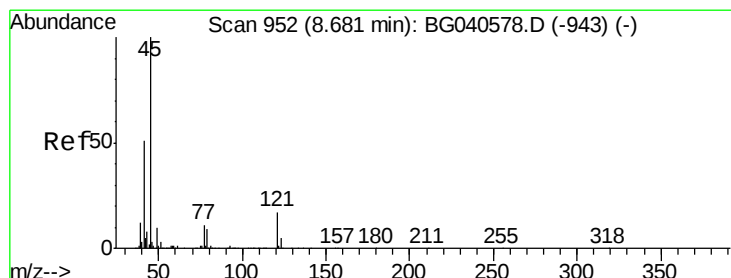
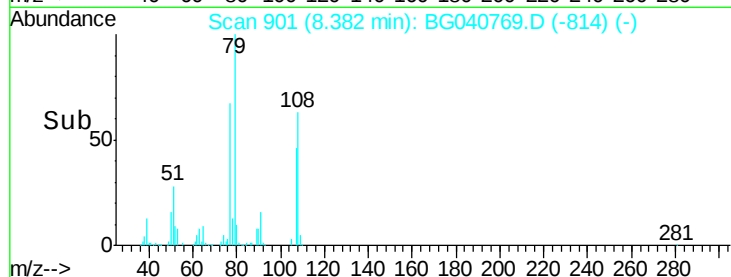
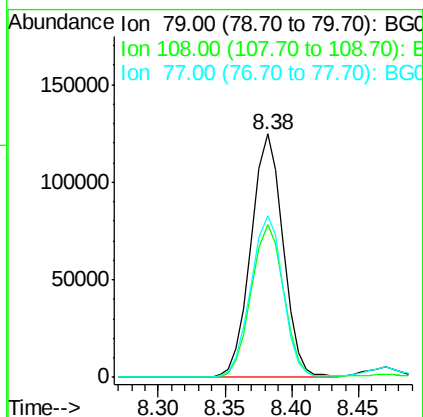
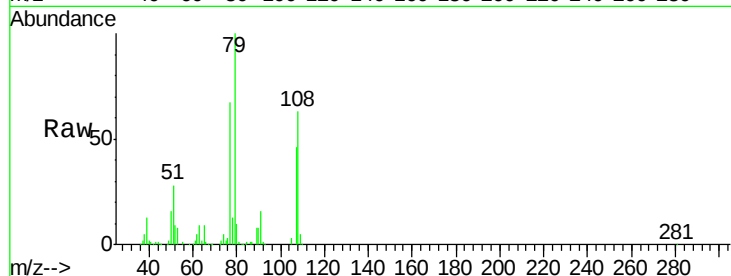
Tot Ion: 79 Resp: 207096

Ion Ratio Lower Upper

79 100

108 62.8 51.4 77.0

77 66.6 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.964 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

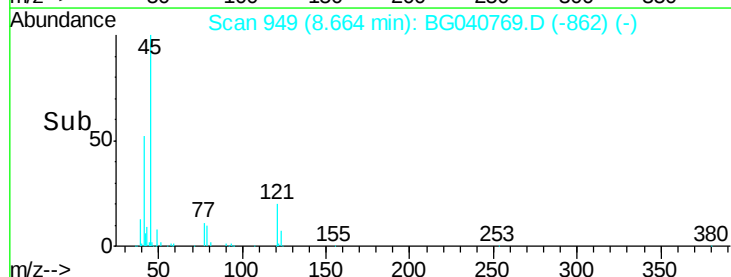
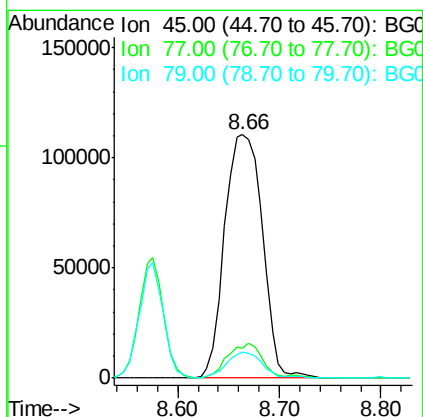
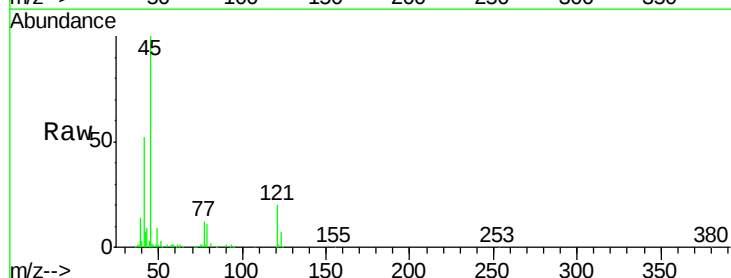
Tgt Ion: 45 Resp: 284868

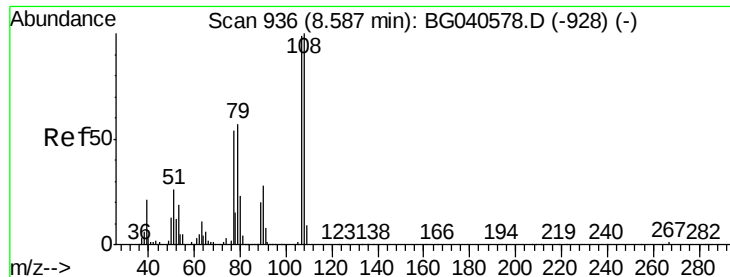
Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.5

79 10.6 0.0 29.4

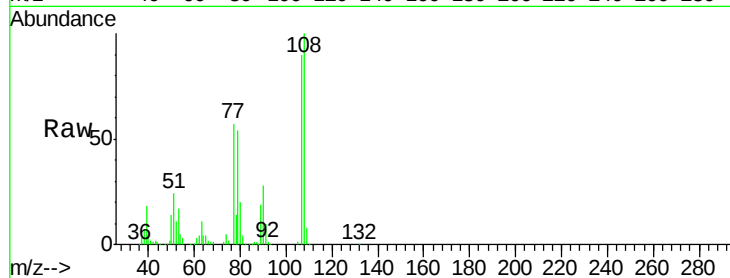




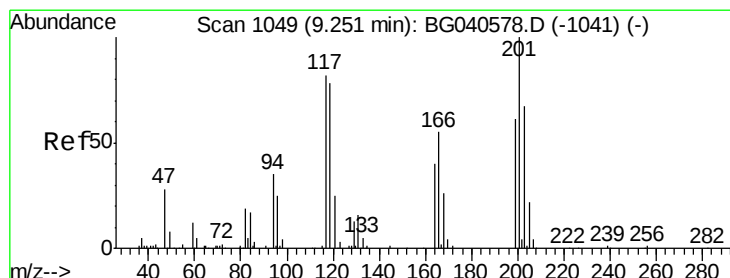
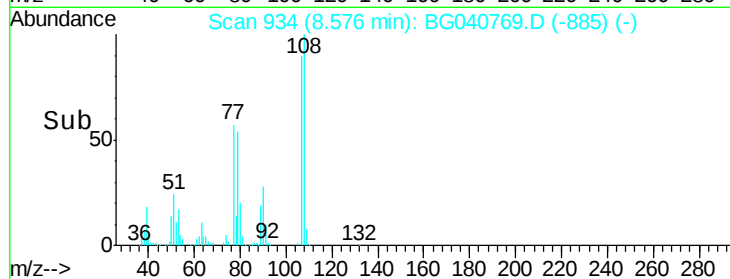
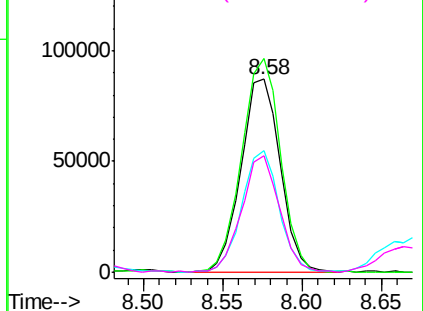
#17
2-Methylphenol
Concen: 46.531 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion:	107	Resp:	149725
Ion	Ratio	Lower	Upper
107	100		
108	110.6	81.2	121.8
77	62.8	44.4	66.6
79	60.0	47.0	70.4

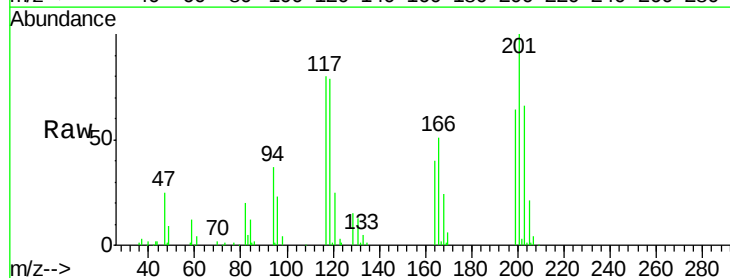


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

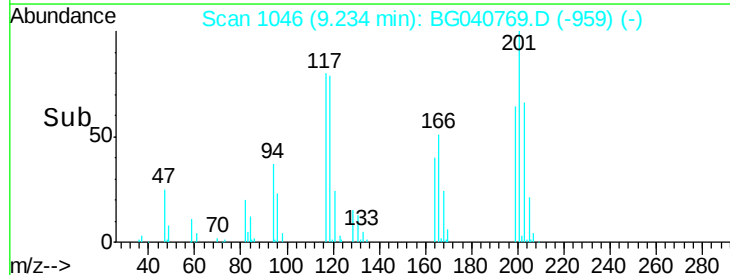
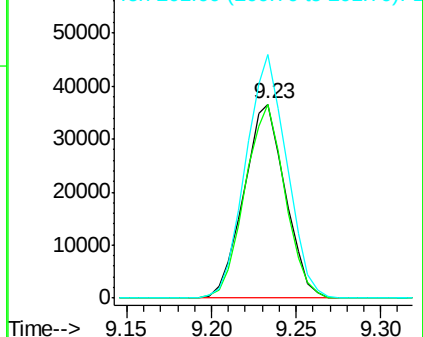


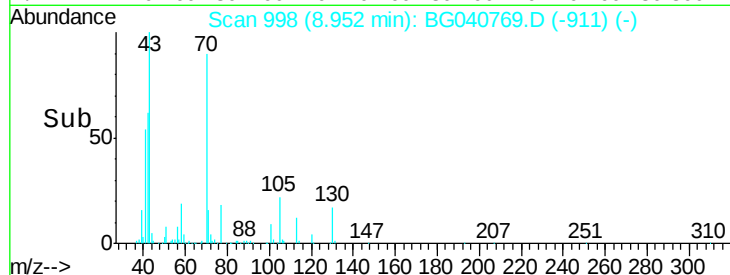
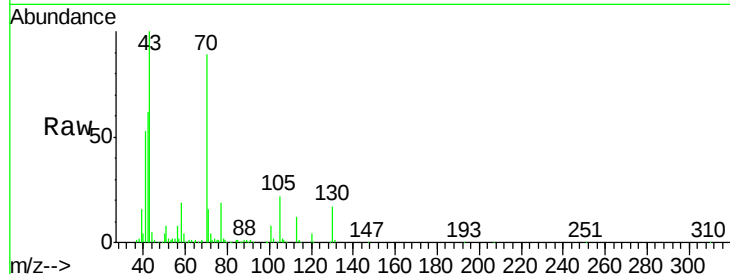
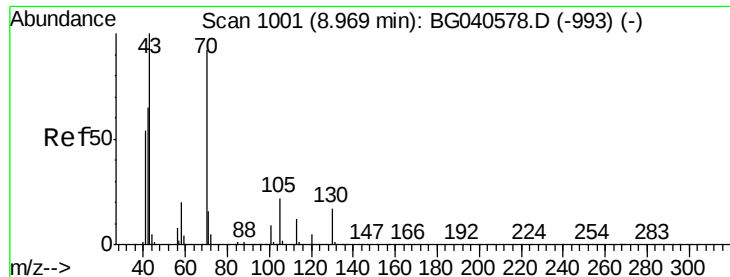
#18
Hexachloroethane
Concen: 40.888 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:	117	Resp:	62252
Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.6	114.8
201	128.8	101.0	151.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

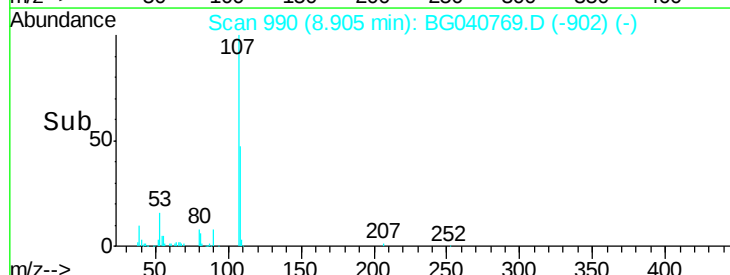
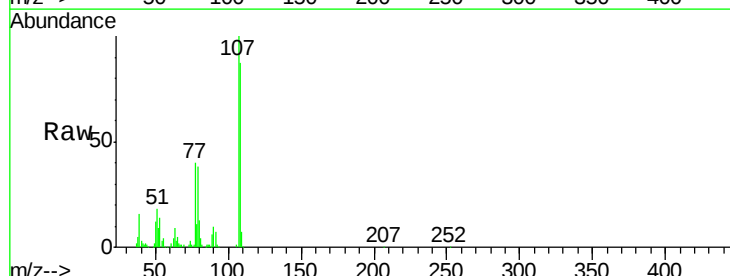
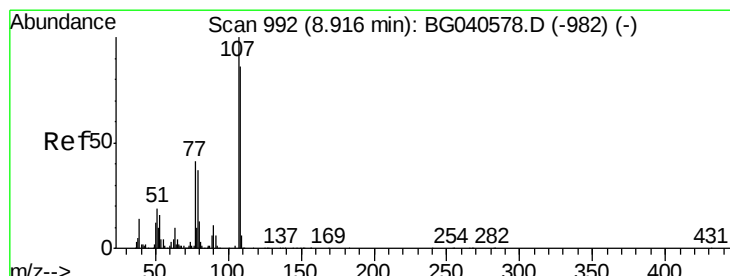
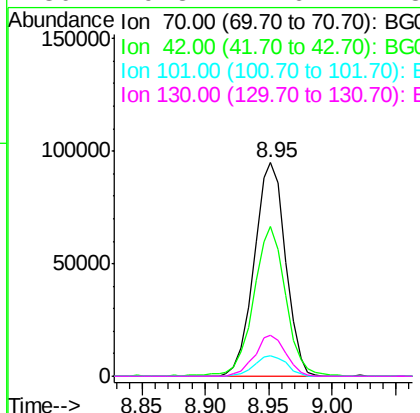




#19
n-Nitroso-di-n-propylamine
Concen: 42.840 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

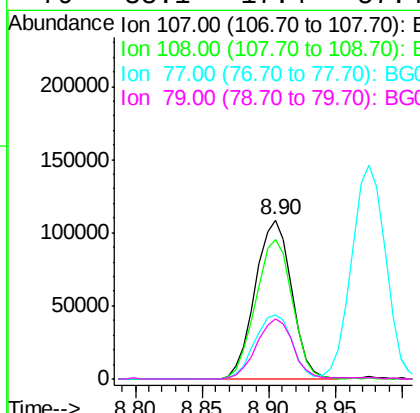
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

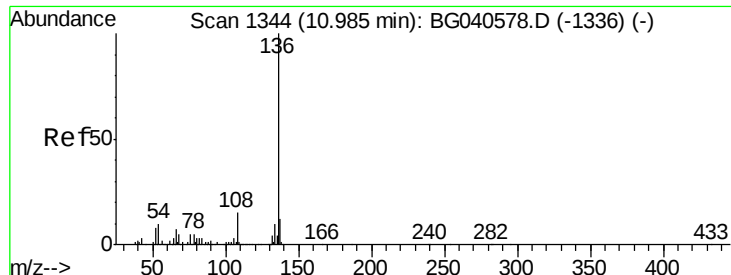
Tot Ion:	70	Resp:	163119
Ion	Ratio	Lower	Upper
70	100		
42	70.1	57.1	85.7
101	9.5	7.8	11.8
130	19.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 45.865 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:	107	Resp:	205594
Ion	Ratio	Lower	Upper
107	100		
108	87.4	66.1	106.1
77	40.5	21.6	61.6
79	38.1	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

Tot Ion:136 Resp: 185593

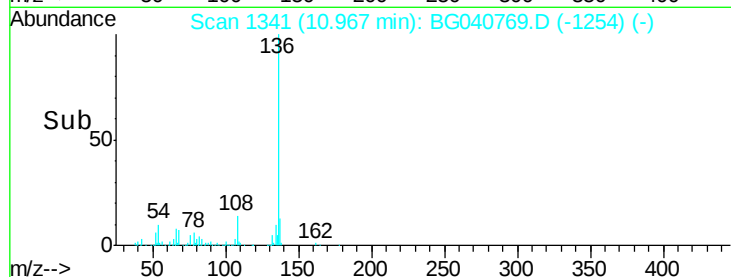
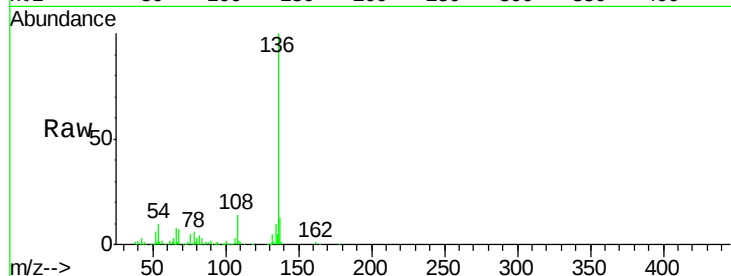
Ion Ratio Lower Upper

136 100

137 13.1 9.7 14.5

54 9.8 8.6 12.8

68 7.0 4.8 7.2



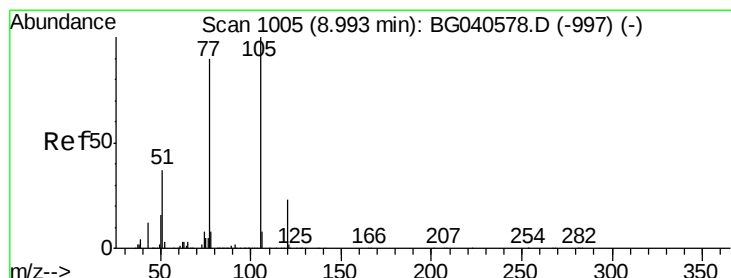
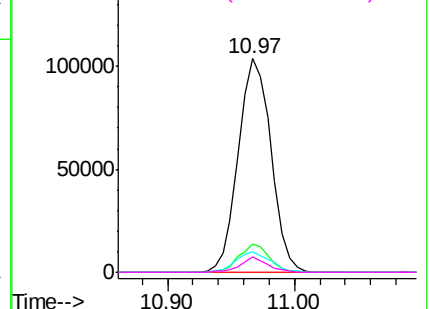
Abundance

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): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 58.265 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:105 Resp: 300699

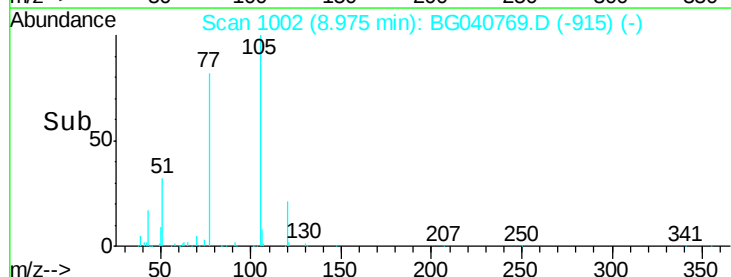
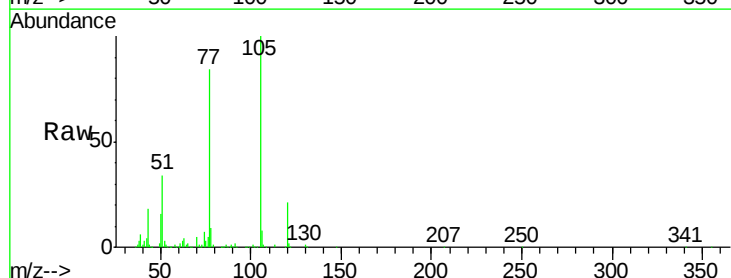
Ion Ratio Lower Upper

105 100

71 0.8 1.8 2.8#

51 33.7 29.8 44.8

120 21.2 18.4 27.6



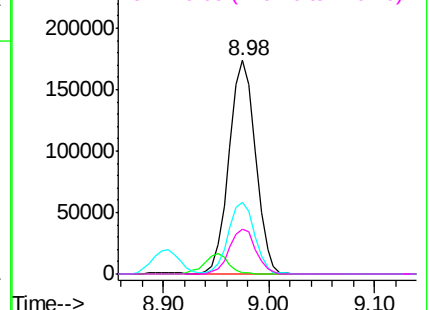
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

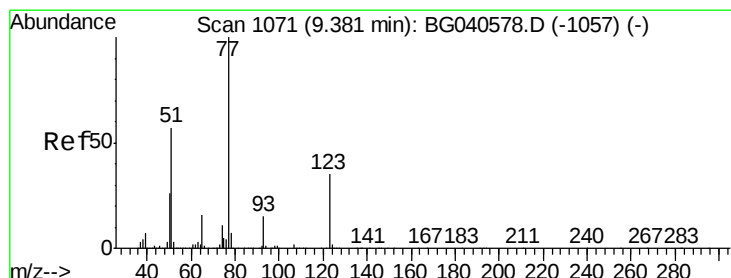
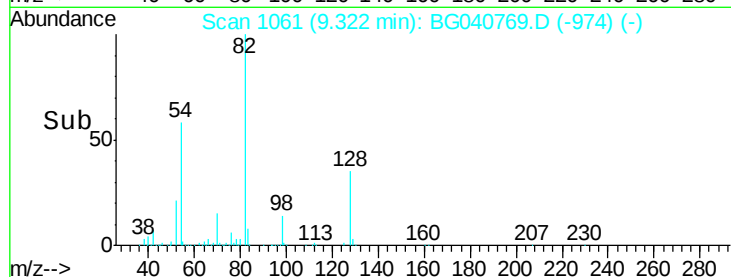
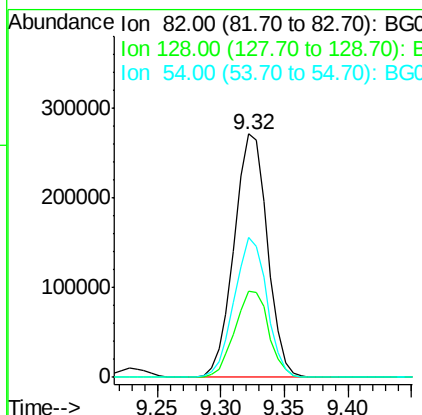
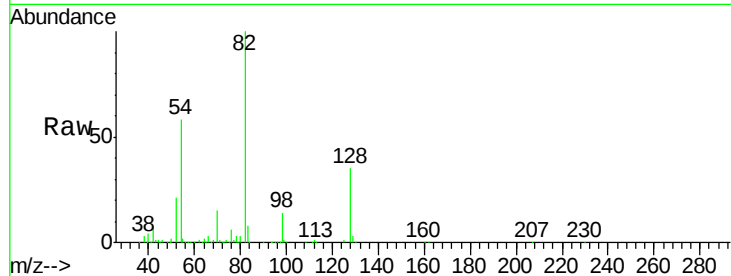




#23
 Nitrobenzene-d5
 Concen: 123.393 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

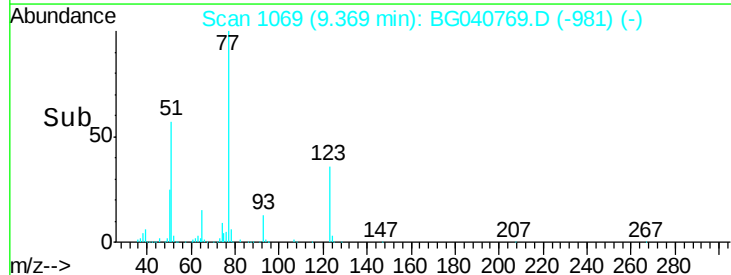
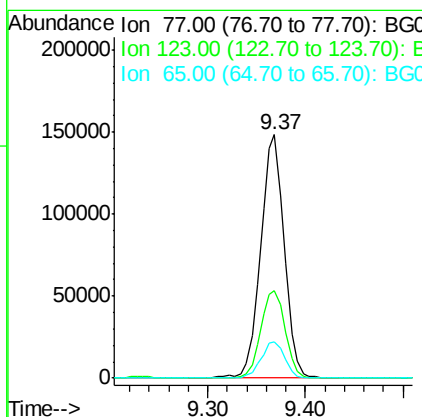
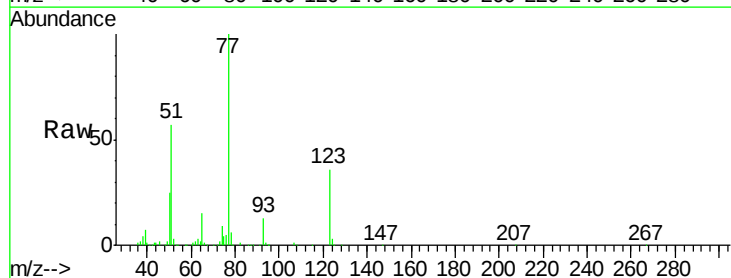
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

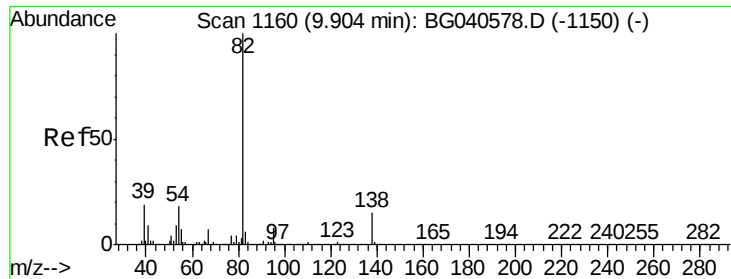
Tot Ion	82	Resp	495624
Ion Ratio	Lower	Upper	
82	100		
128	35.5	28.9	43.3
54	57.6	47.2	70.8



#24
 Nitrobenzene
 Concen: 59.088 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	77	Resp	253223
Ion Ratio	Lower	Upper	
77	100		
123	36.2	27.8	41.6
65	14.9	12.4	18.6





#25

Isophorone

Concen: 52.388 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

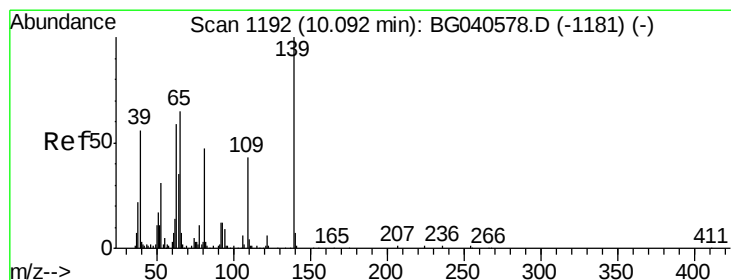
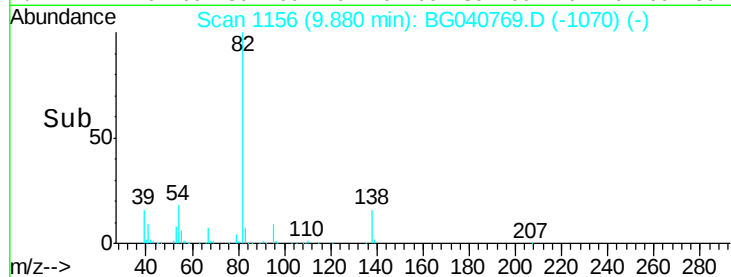
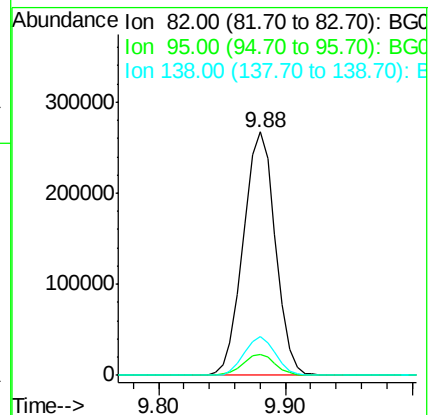
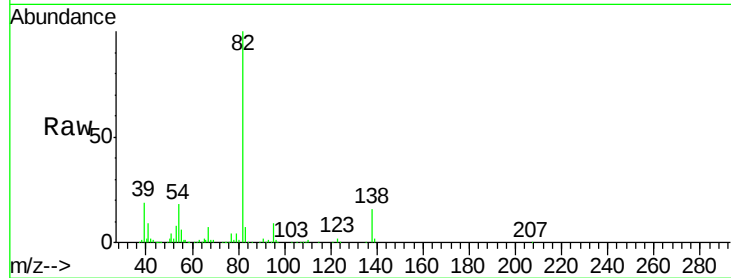
Tot Ion: 82 Resp: 468716

Ion Ratio Lower Upper

82 100

95 8.8 6.9 10.3

138 16.0 12.3 18.5



#26

2-Nitrophenol

Concen: 4.432 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

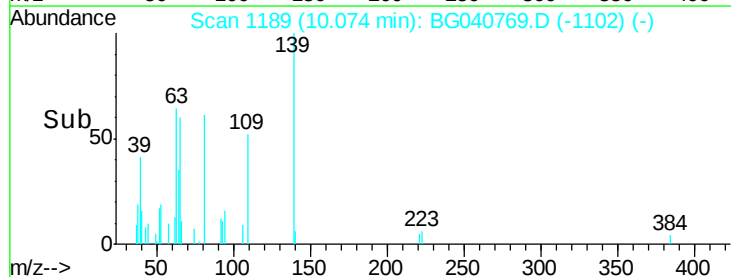
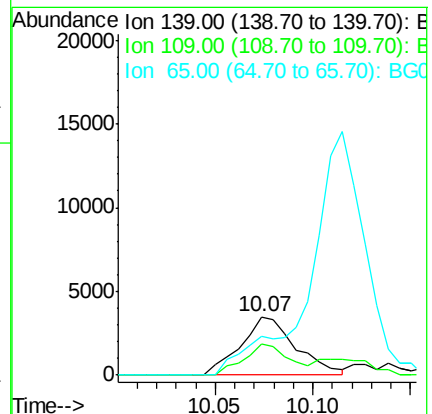
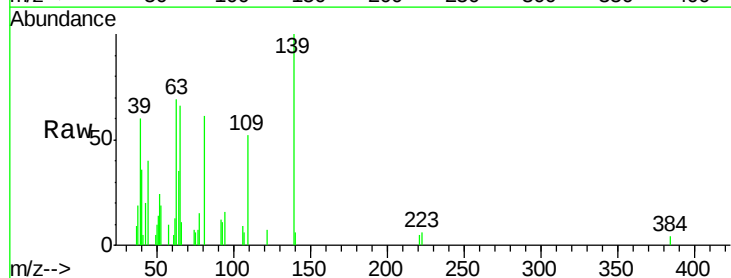
Tgt Ion: 139 Resp: 6808

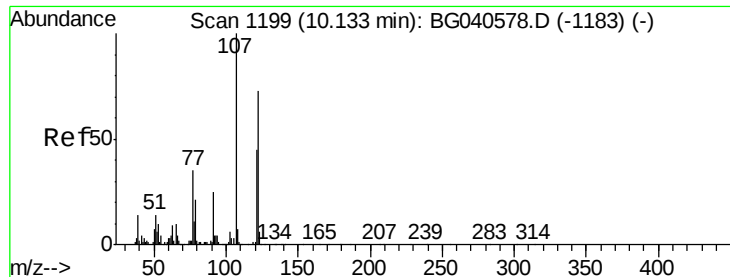
Ion Ratio Lower Upper

139 100

109 52.4 35.6 53.4

65 65.7 52.3 78.5





#27

2,4-Dimethylphenol

Concen: 53.414 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

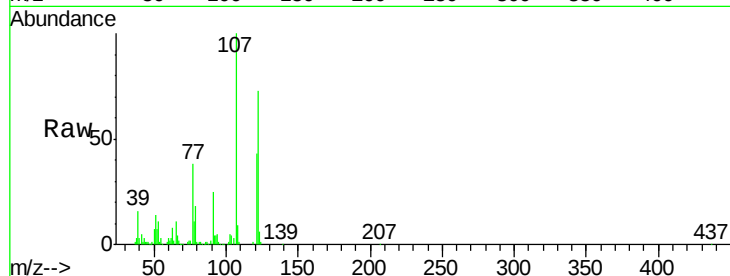
Tot Ion:122 Resp: 153954

Ion Ratio Lower Upper

122 100

107 137.7 110.1 165.1

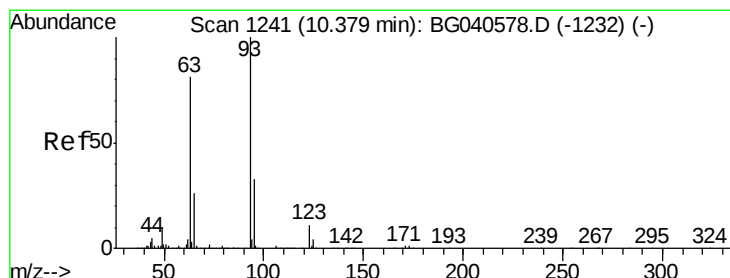
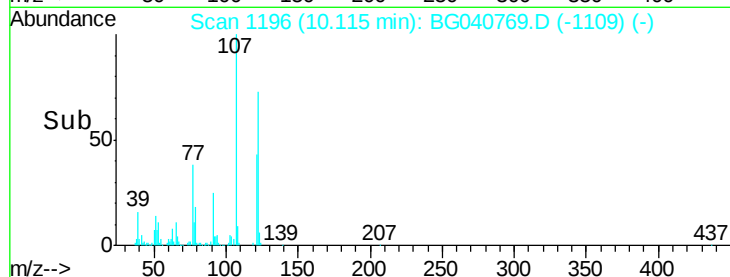
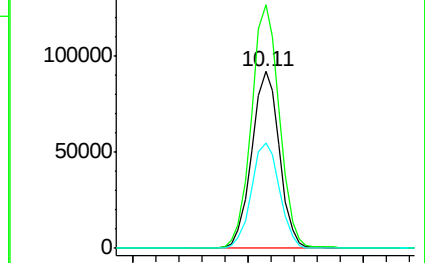
121 59.6 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.198 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

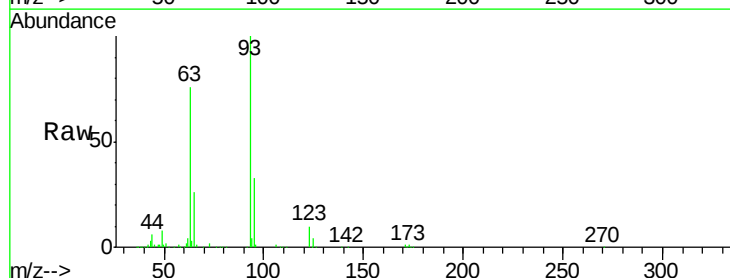
Tgt Ion: 93 Resp: 243289

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

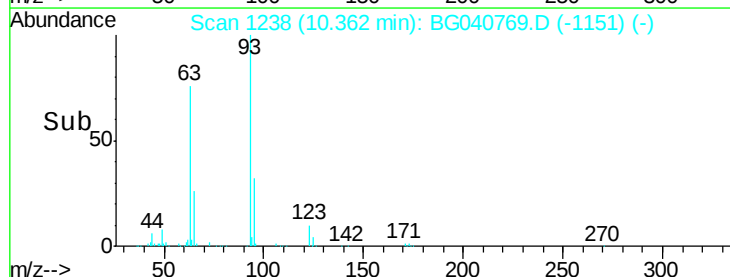
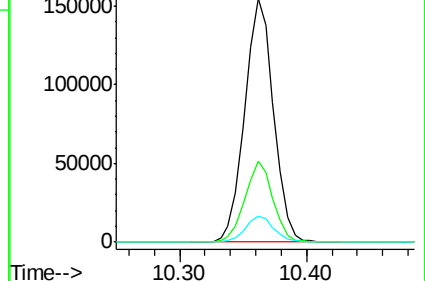
123 10.5 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

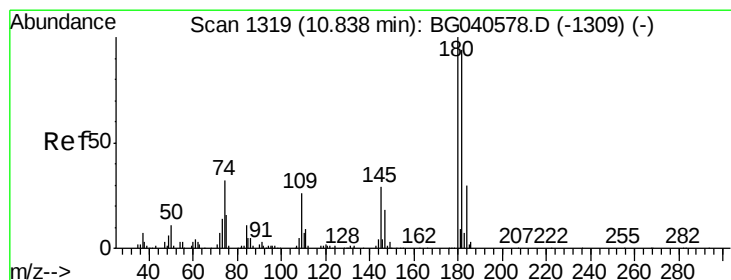
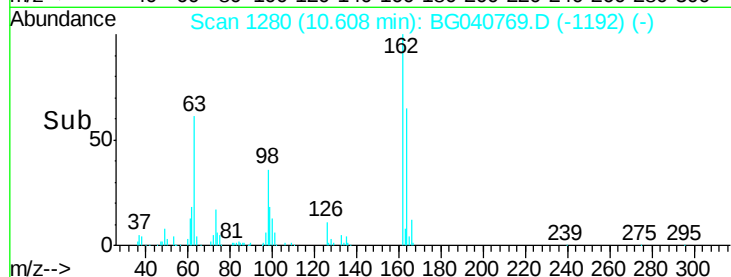
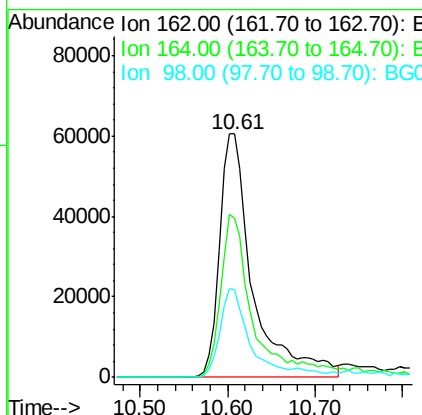
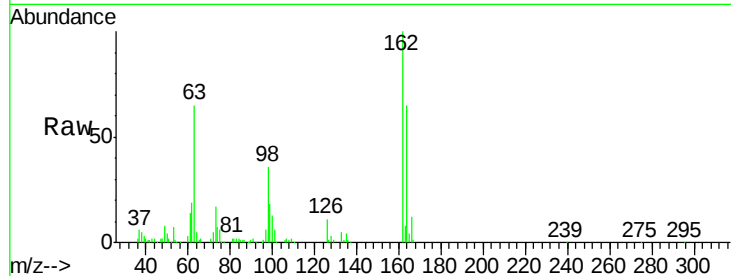




#29
2,4-Dichlorophenol
Concen: 48.749 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

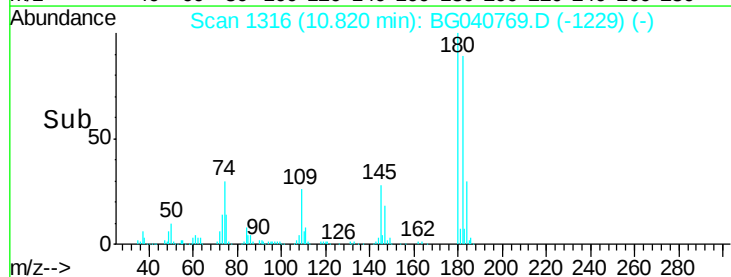
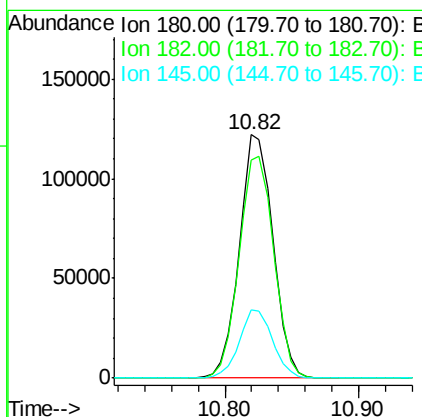
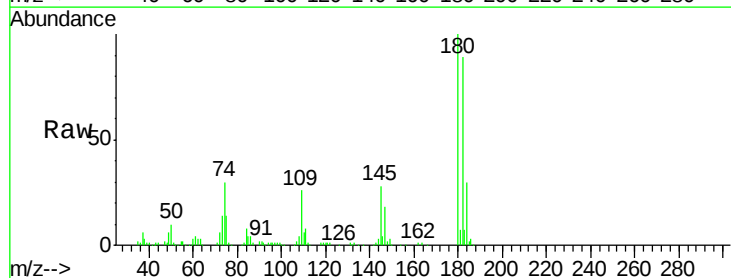
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

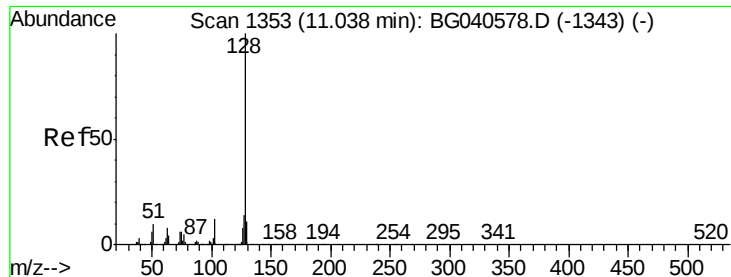
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	38.9	78.9
98	36.0	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 58.419 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.3	75.2	112.8
145	28.0	23.6	35.4

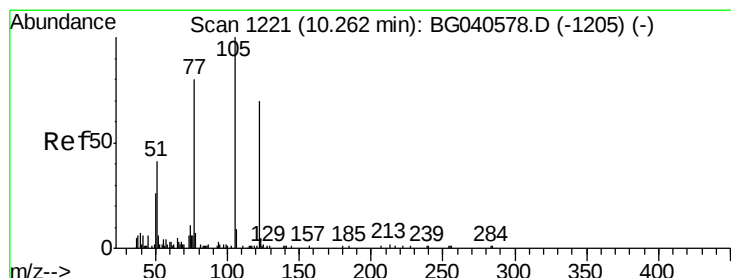
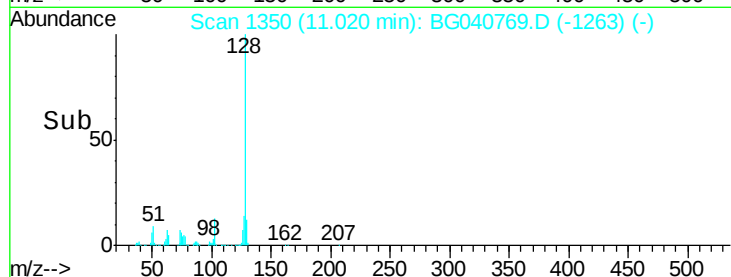
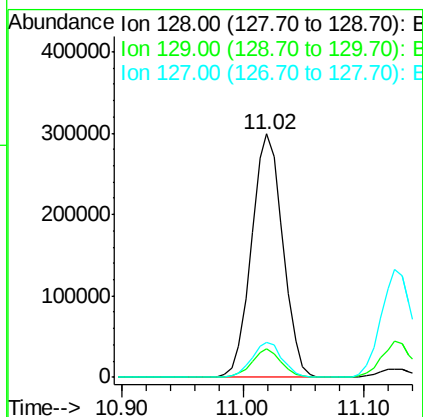
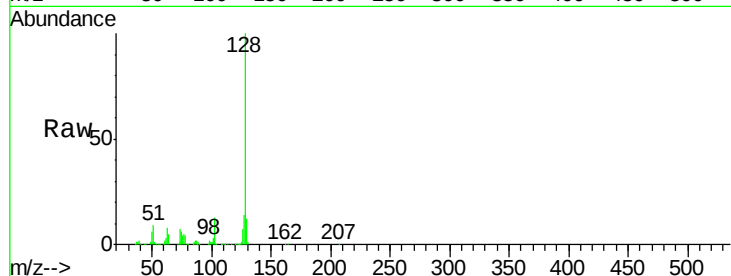




#31
Naphthalene
Concen: 54.497 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

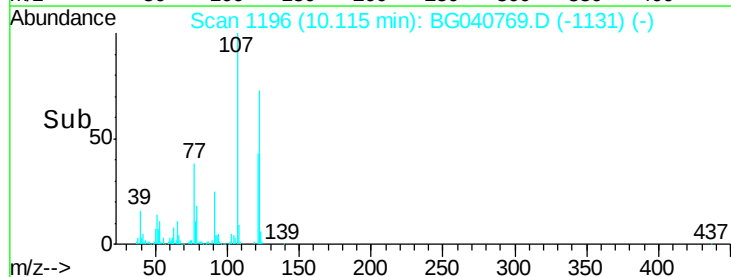
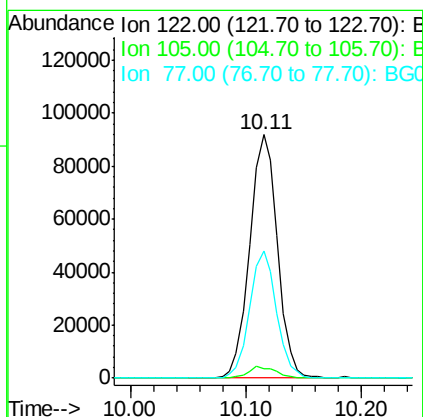
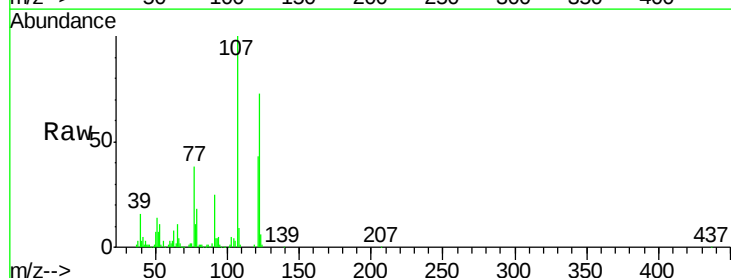
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot	Ion:128	Resp:	537335
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.3	11.3	16.9



#32
Benzoic acid
Concen: 78.025 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.15 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt	Ion:122	Resp:	153954
Ion	Ratio	Lower	Upper
122	100		
105	4.0	110.9	150.9#
77	52.4	87.6	127.6#

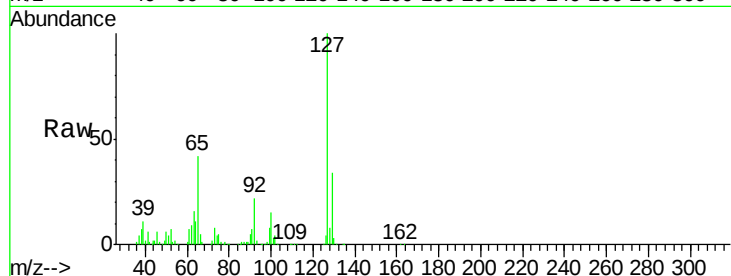




#33
4-Chloroaniline
Concen: 54.718 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.7	38.5
65	42.1	36.1	54.1
92	22.0	20.1	30.1



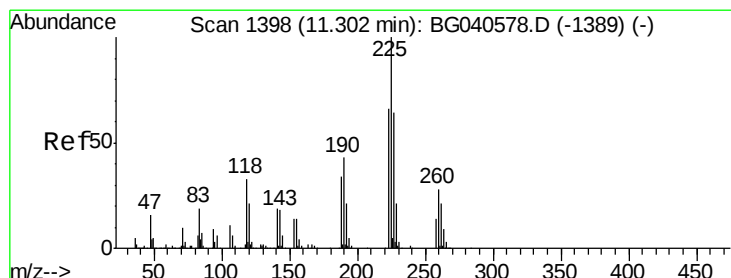
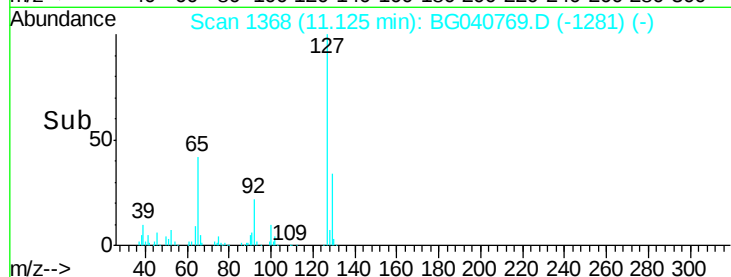
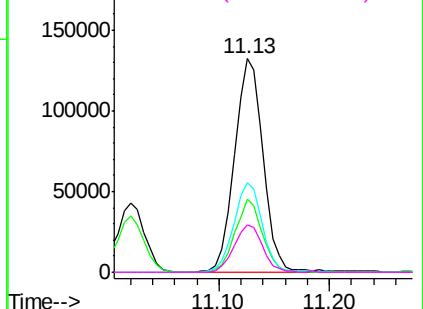
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

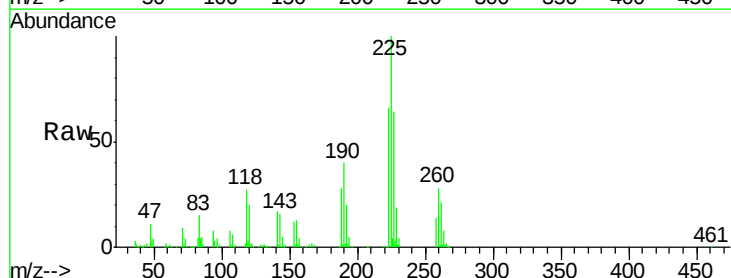
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 55.685 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.4	75.6
227	64.0	51.0	76.6

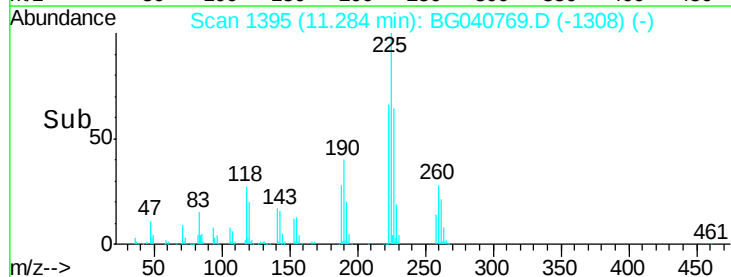
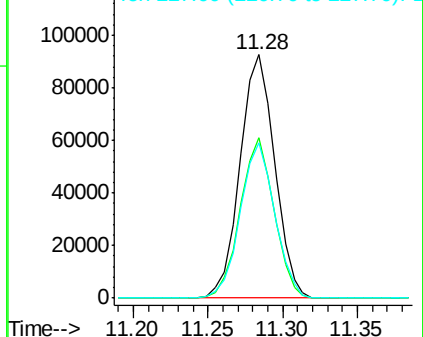


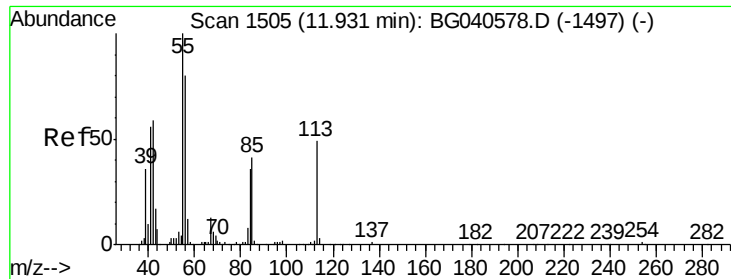
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.022 ng

RT: 11.90 min Scan# 1499

Delta R.T. -0.04 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

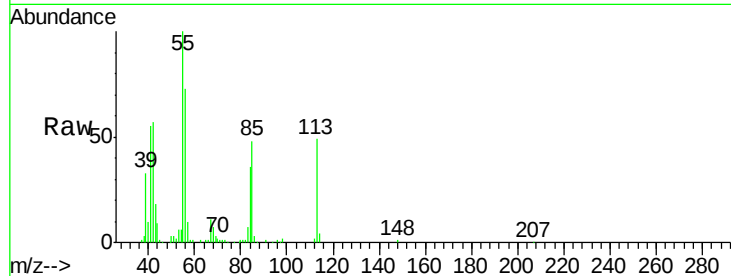
Tot Ion:113 Resp: 56951

Ion Ratio Lower Upper

113 100

55 205.4 198.6 238.6

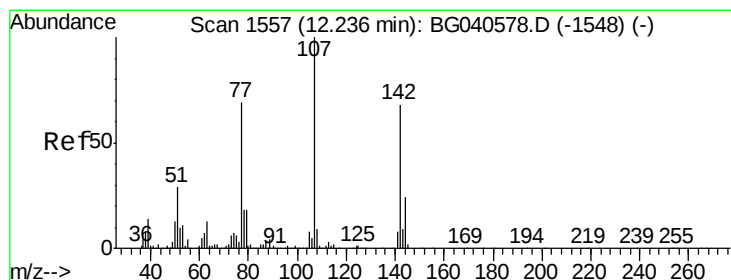
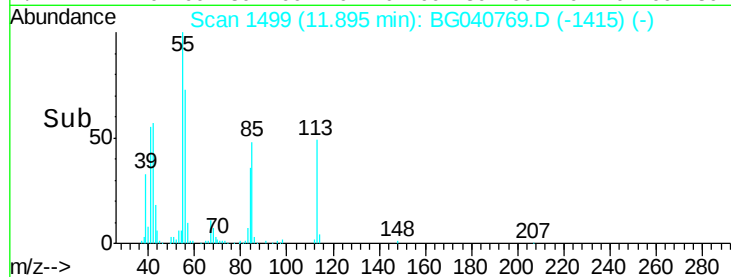
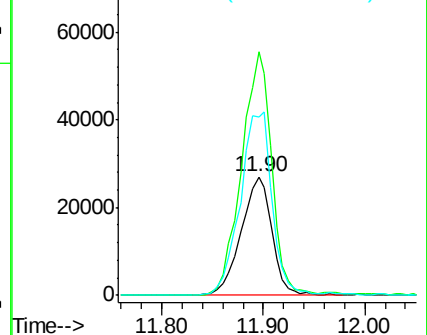
56 150.6 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.218 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

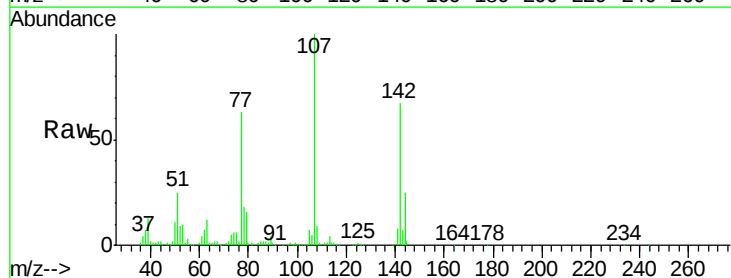
Tgt Ion:107 Resp: 224122

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

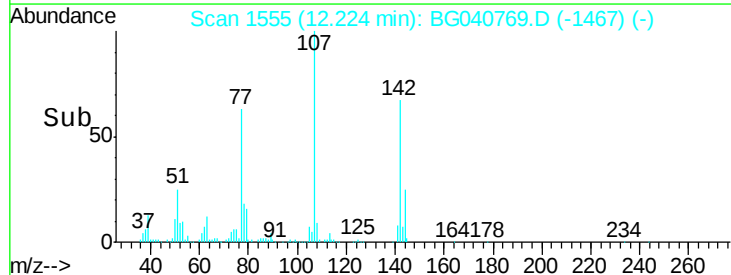
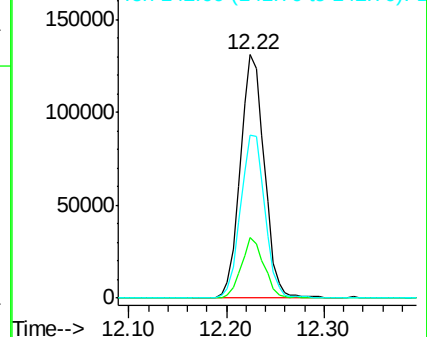
142 67.0 54.6 81.8



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

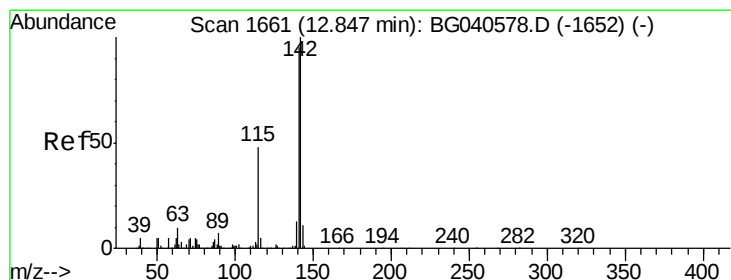
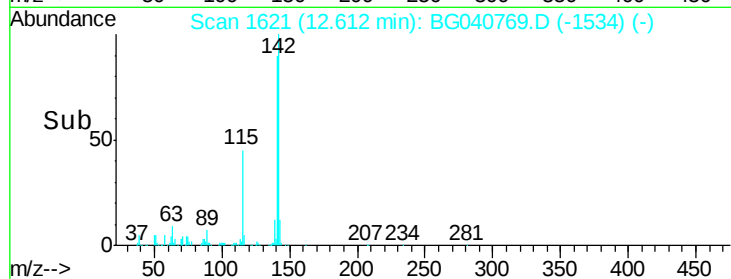
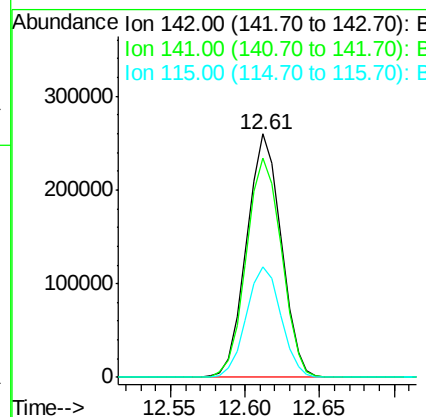
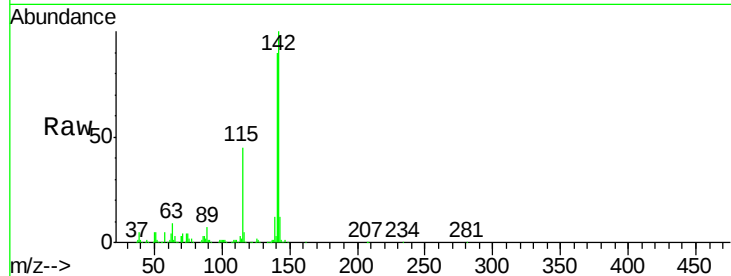




#37
2-Methylnaphthalene
Concen: 56.493 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

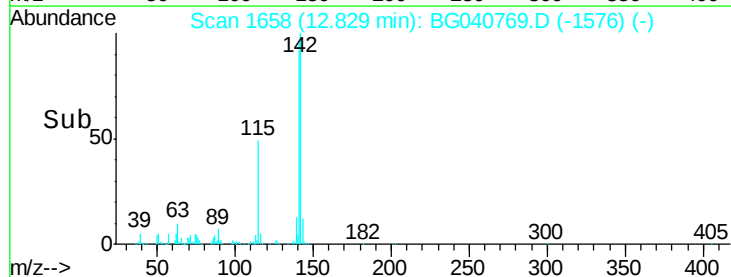
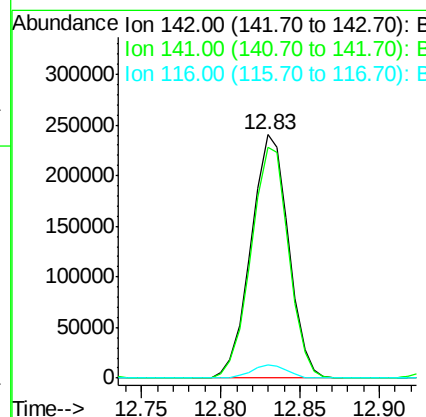
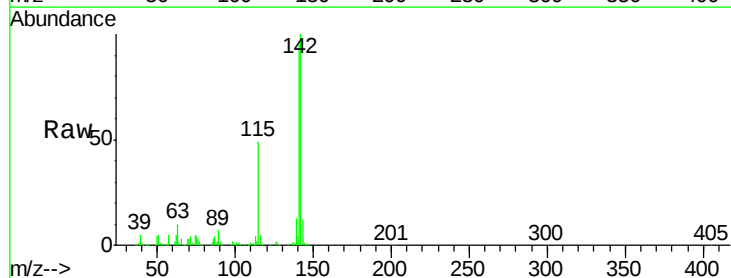
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.4	110.2
115	45.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 55.084 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.9	113.9
116	5.3	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

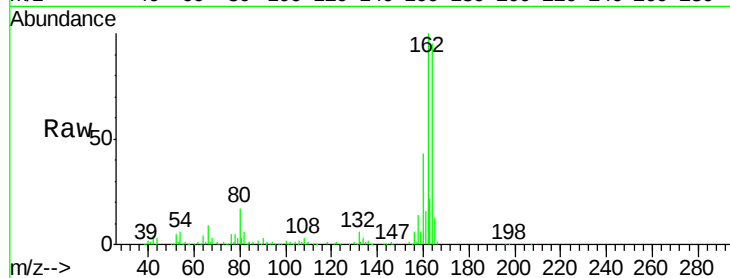
Tot Ion:164 Resp: 135432

Ion Ratio Lower Upper

164 100

162 105.6 81.9 122.9

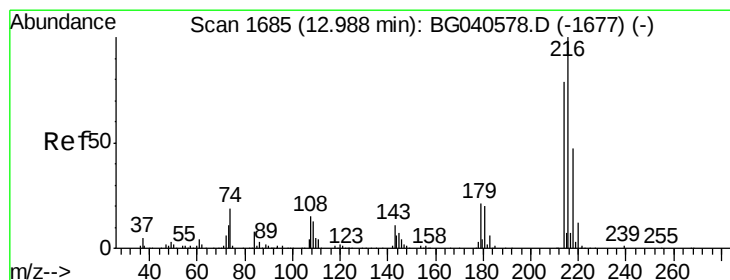
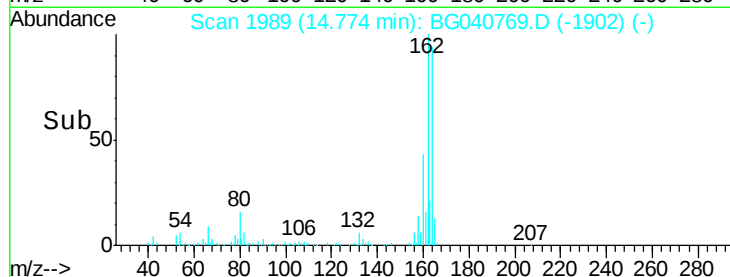
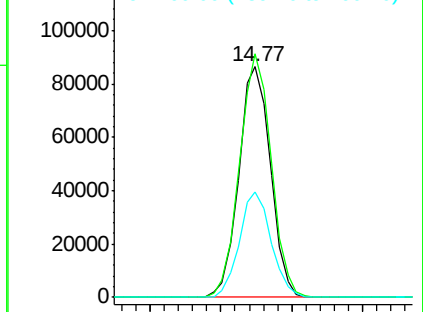
160 45.6 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.153 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:216 Resp: 293391

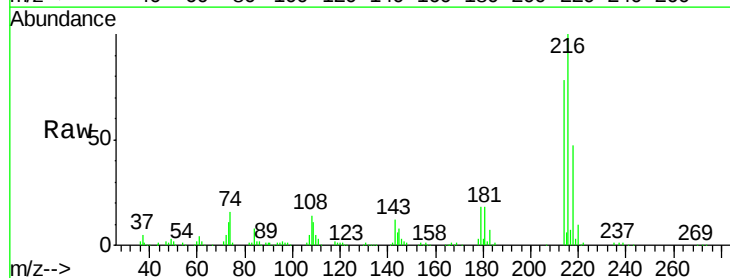
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 19.4 16.6 24.8

108 16.2 14.7 22.1

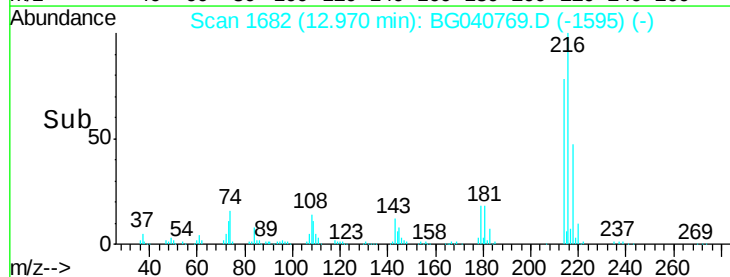
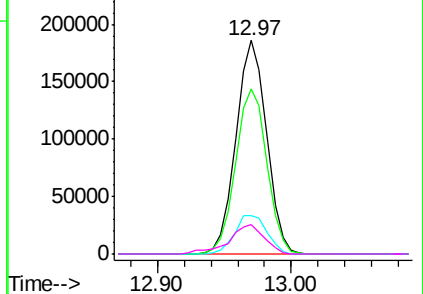


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.239 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

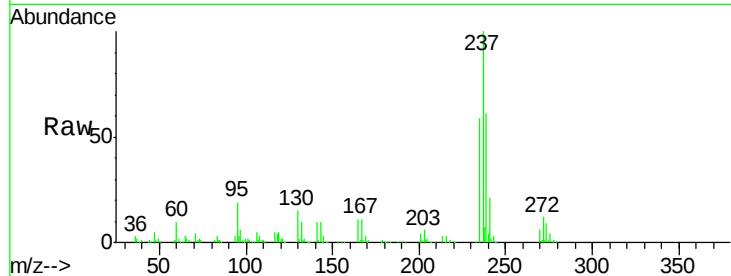
Tot Ion:237 Resp: 226969

Ion Ratio Lower Upper

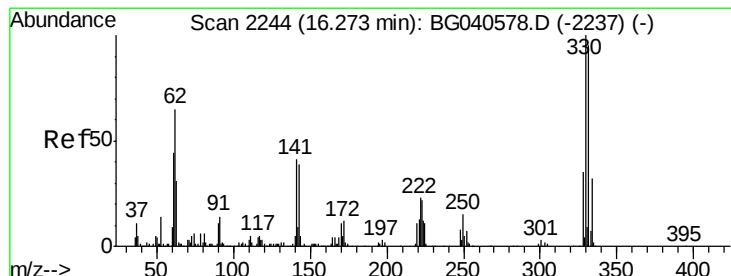
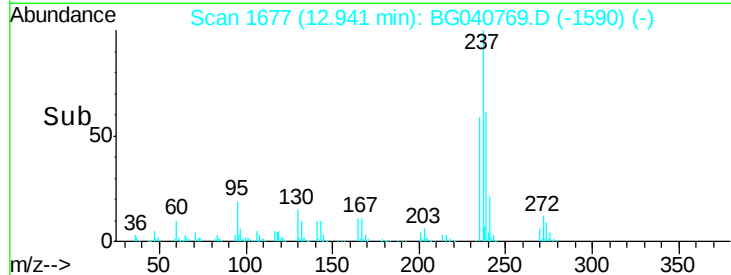
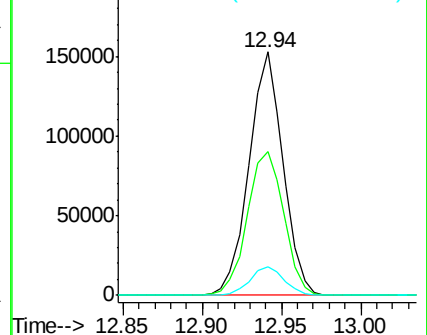
237 100

235 59.2 42.5 82.5

272 11.6 0.0 31.6



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: 2.583 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

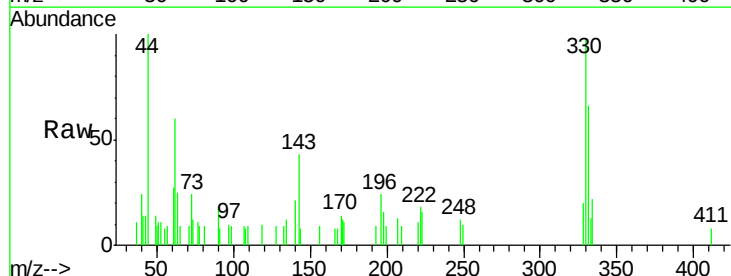
Tgt Ion:330 Resp: 4808

Ion Ratio Lower Upper

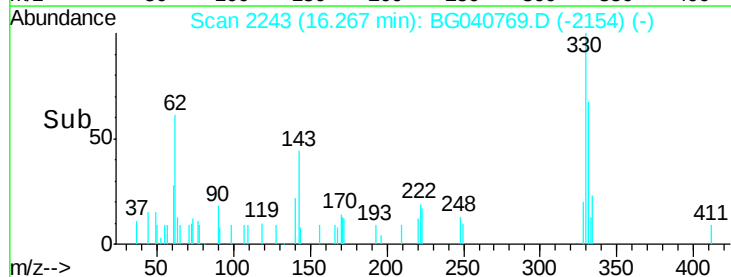
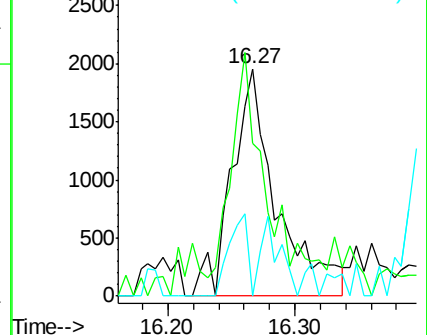
330 100

332 84.5 75.9 113.9

141 0.0 32.4 48.6#



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

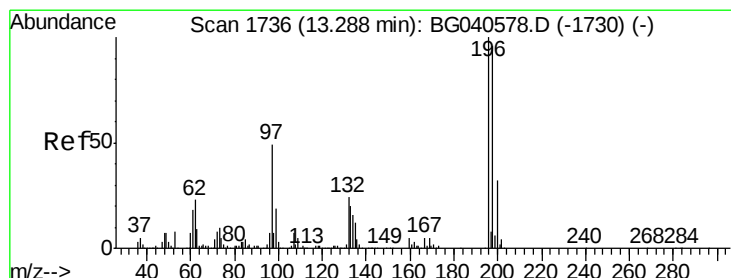
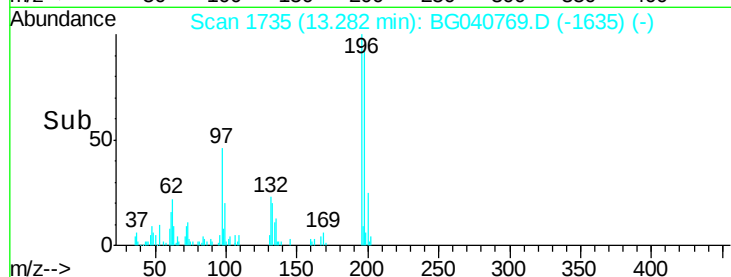
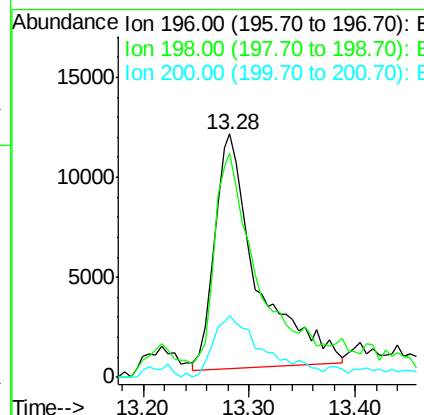
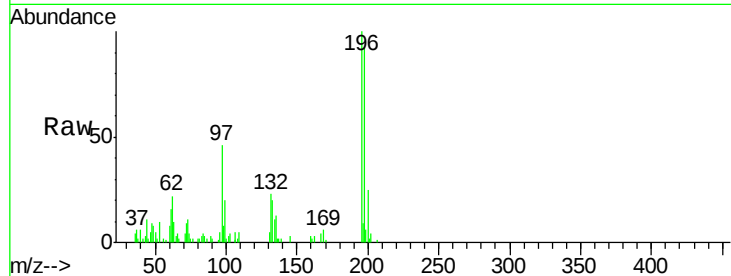




#43
 2,4,6-Trichlorophenol
 Concen: 10.887 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.06 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

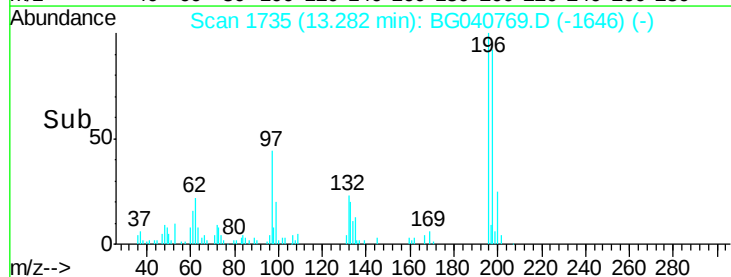
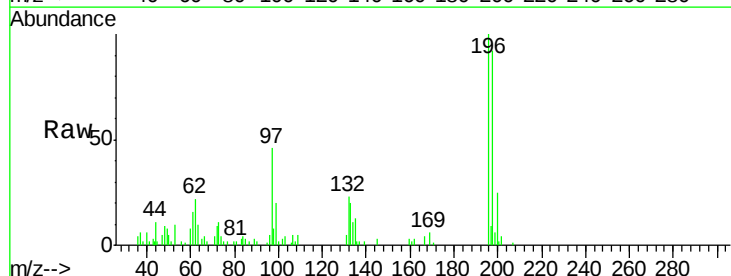
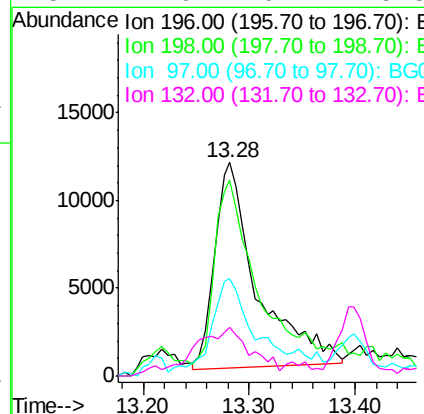
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

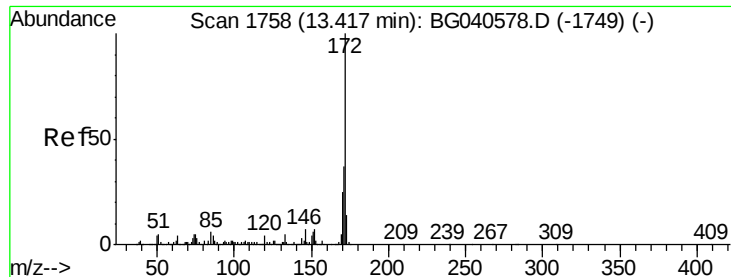
Tot Ion	196	Resp	33194
Ion Ratio	Lower	Upper	
196	100		
198	91.9	74.8	112.2
200	26.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 9.994 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	196	Resp	33194
Ion Ratio	Lower	Upper	
196	100		
198	91.9	77.0	115.6
97	45.7	40.0	60.0
132	22.9	19.2	28.8

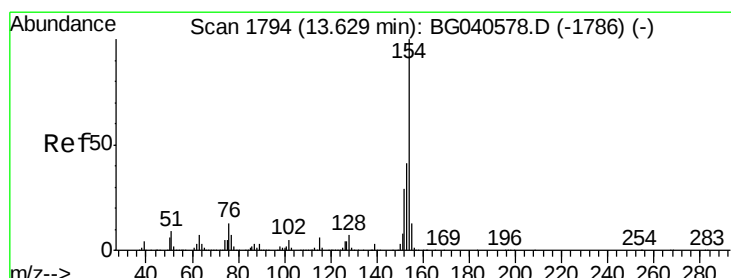
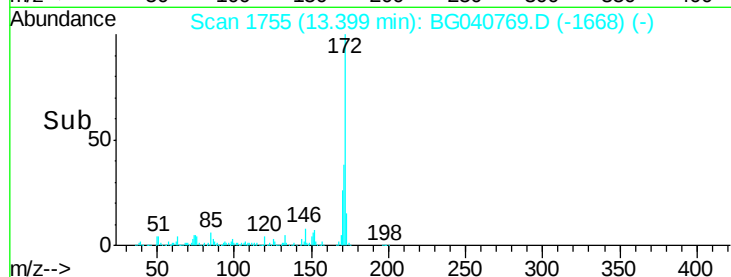
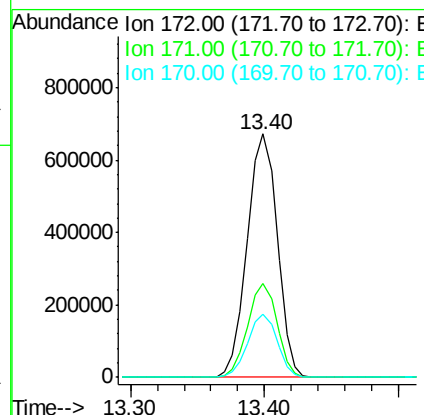
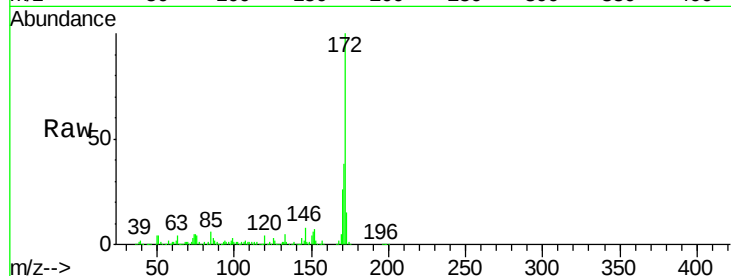




#45
2-Fluorobiphenyl
Concen: 111.095 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

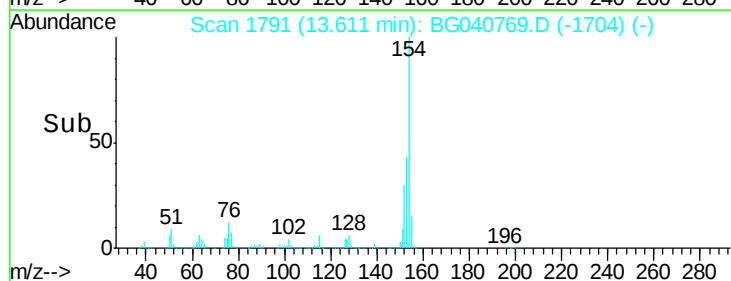
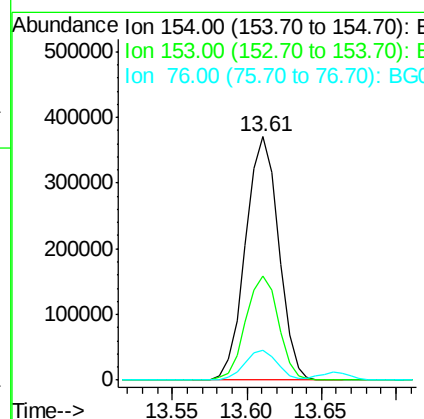
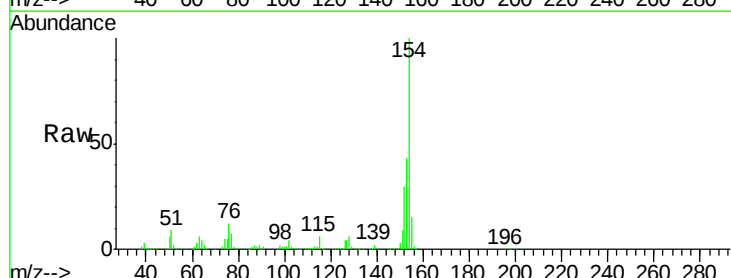
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

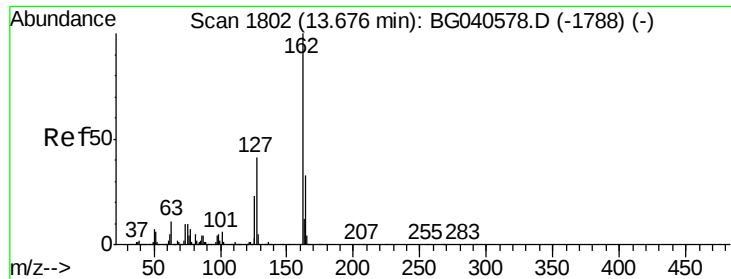
Tot Ion:172 Resp: 1041807
Ion Ratio Lower Upper
172 100
171 38.3 29.4 44.2
170 26.0 19.9 29.9



#46
1,1'-Biphenyl
Concen: 54.094 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:154 Resp: 568798
Ion Ratio Lower Upper
154 100
153 43.0 20.5 60.5
76 12.2 0.0 32.5

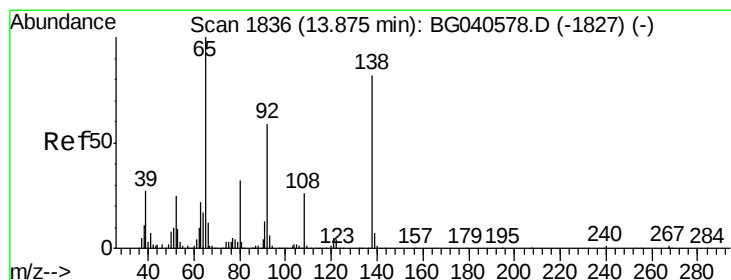
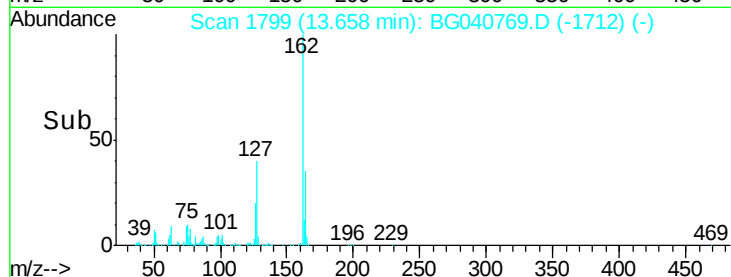
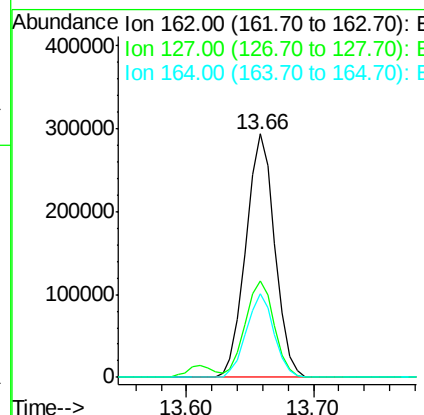
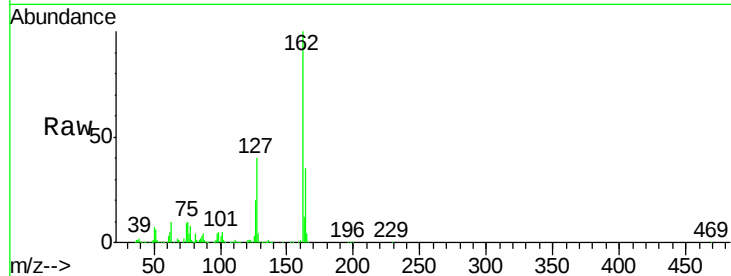




#47
 2-Chloronaphthalene
 Concen: 56.345 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

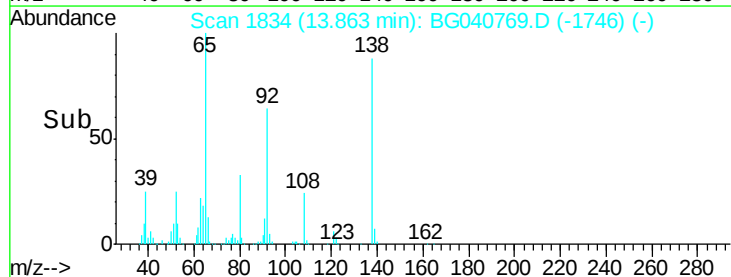
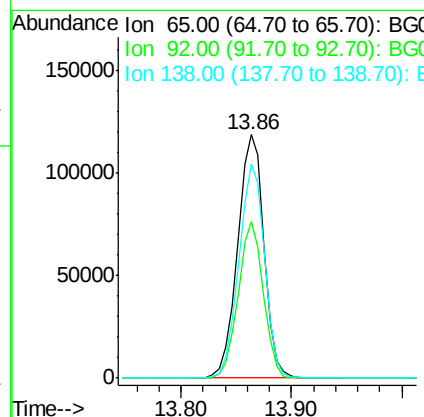
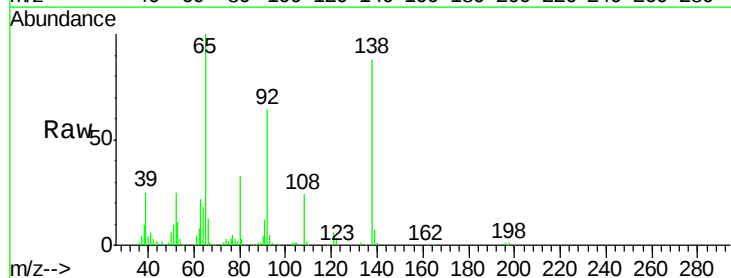
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

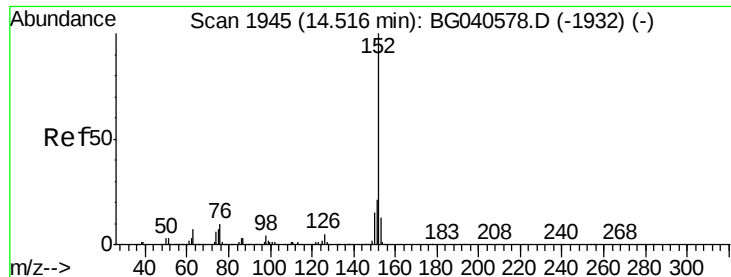
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.0	49.4
164	34.5	26.8	40.2



#48
 2-Nitroaniline
 Concen: 67.573 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	47.4	71.0
138	87.8	66.1	99.1





#49

Acenaphthylene

Concen: 53.024 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

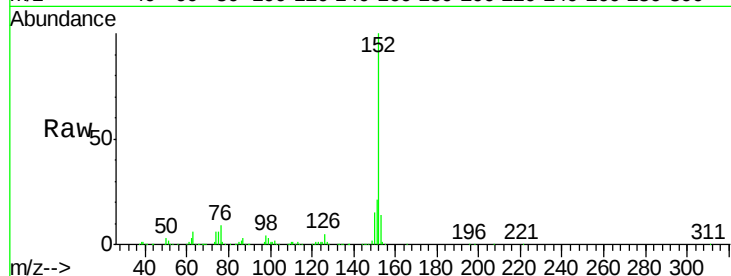
Tot Ion:152 Resp: 740290

Ion Ratio Lower Upper

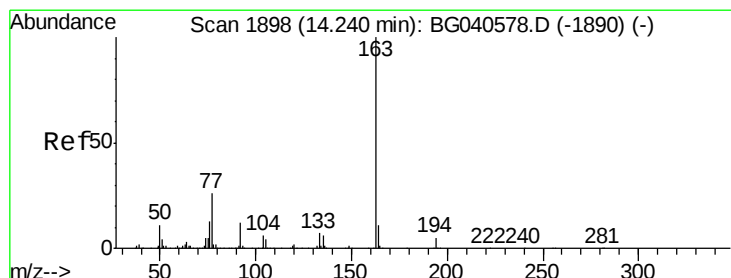
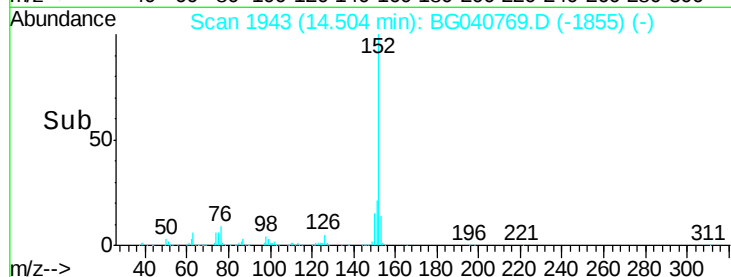
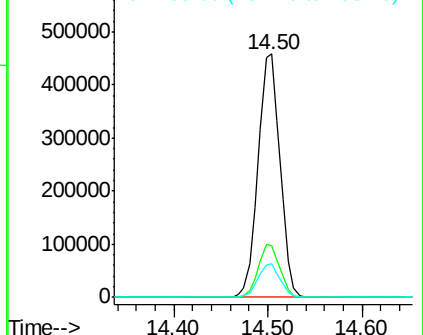
152 100

151 21.3 17.2 25.8

153 13.8 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: 58.343 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

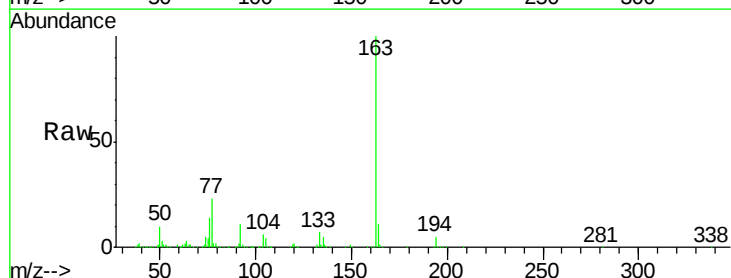
Tgt Ion:163 Resp: 661098

Ion Ratio Lower Upper

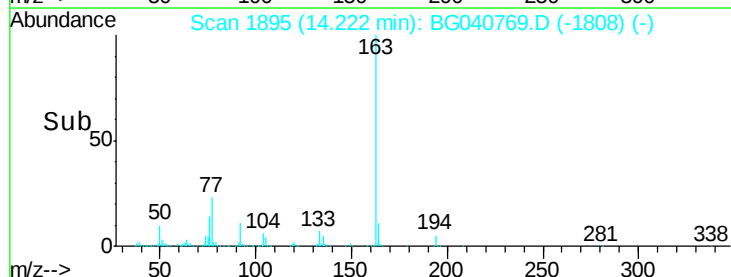
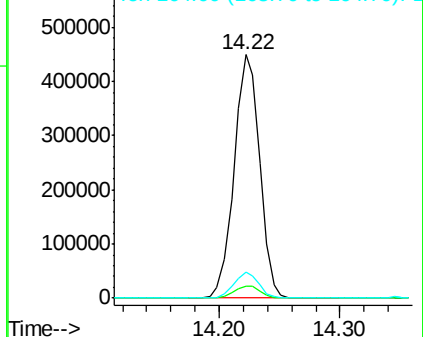
163 100

194 4.9 3.8 5.8

164 10.5 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

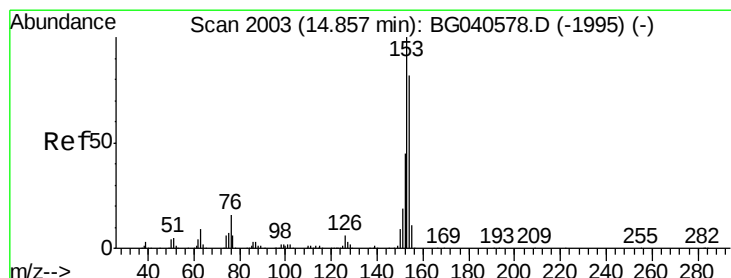
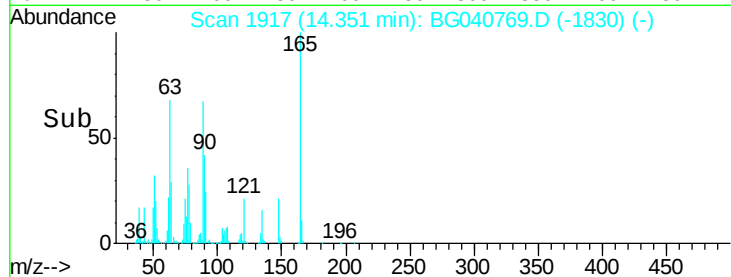
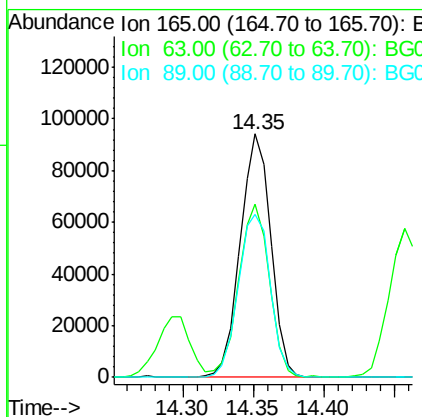
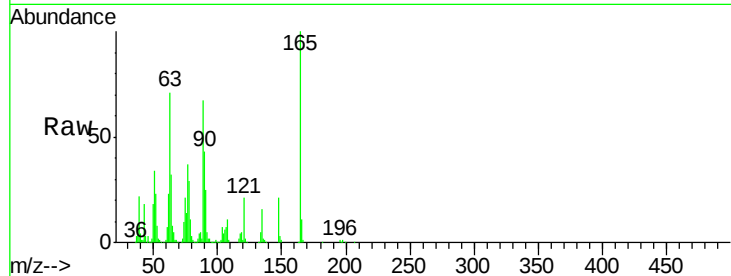




#51
 2,6-Dinitrotoluene
 Concen: 64.494 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

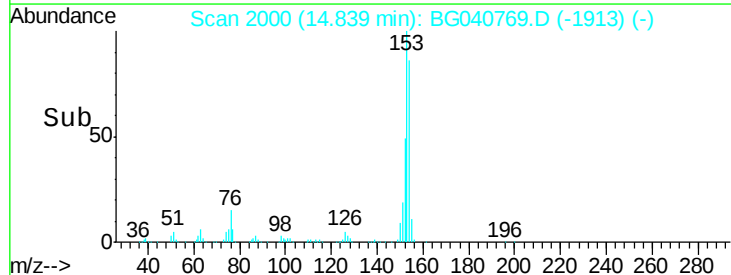
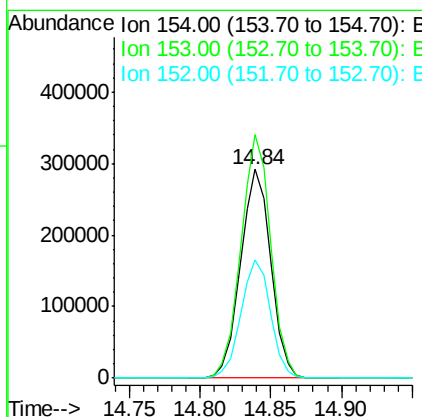
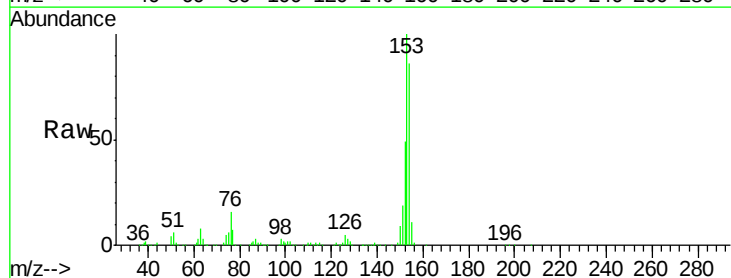
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

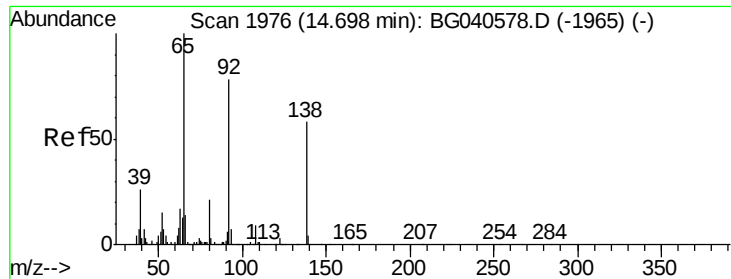
Tot Ion:165 Resp: 142631
 Ion Ratio Lower Upper
 165 100
 63 71.3 61.0 91.4
 89 67.1 58.6 87.8



#52
 Acenaphthene
 Concen: 53.549 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion:154 Resp: 435384
 Ion Ratio Lower Upper
 154 100
 153 116.7 97.0 145.6
 152 56.6 44.1 66.1

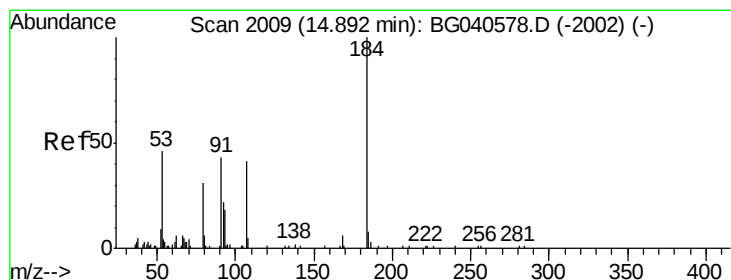
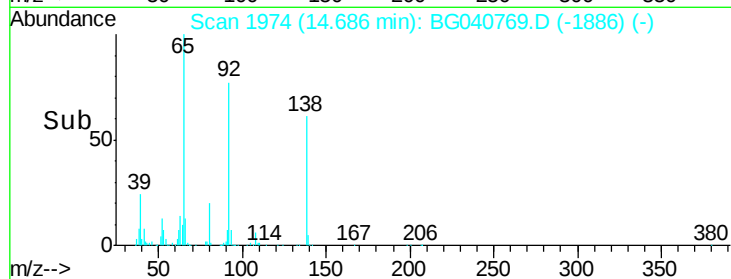
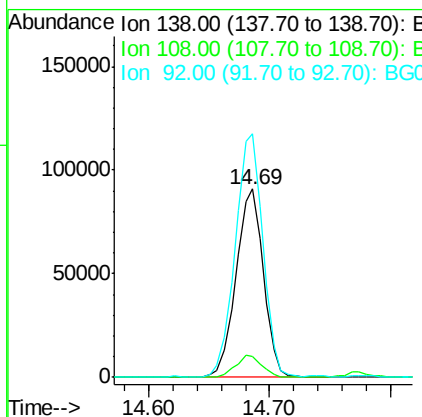
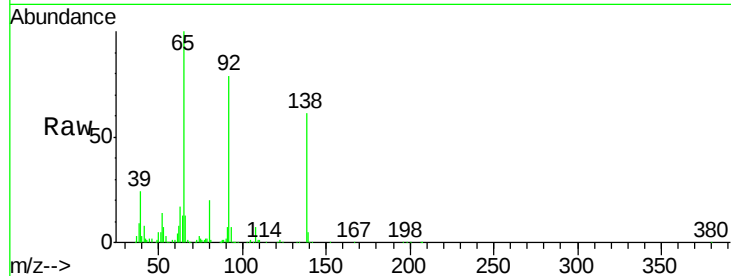




#53
3-Nitroaniline
Concen: 63.471 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

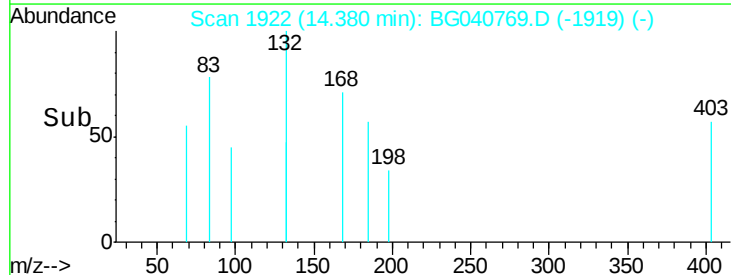
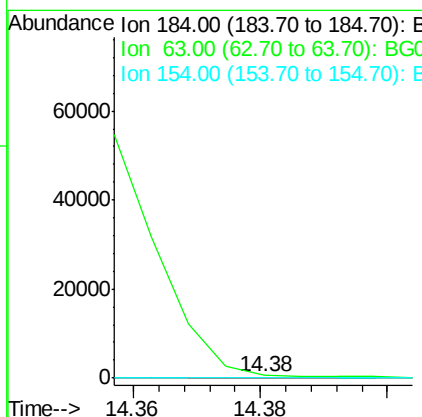
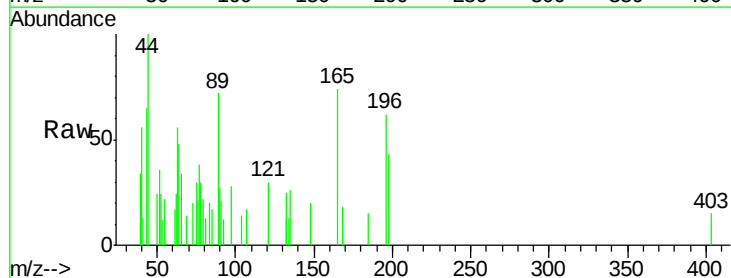
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

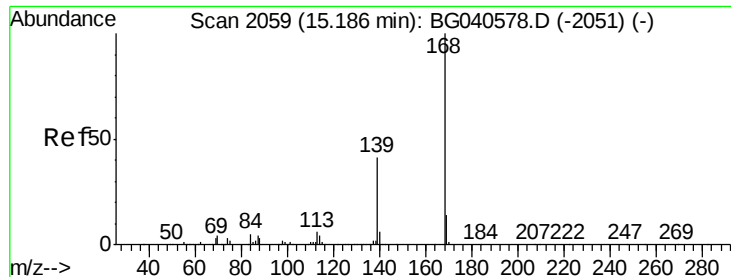
Tot Ion:138 Resp: 143824
Ion Ratio Lower Upper
138 100
108 11.2 12.4 18.6#
92 129.5 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 7.064 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.51 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 388.4 51.8 77.6#
154 0.0 43.6 65.4#





#55

Dibenzenofuran

Concen: 58.146 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

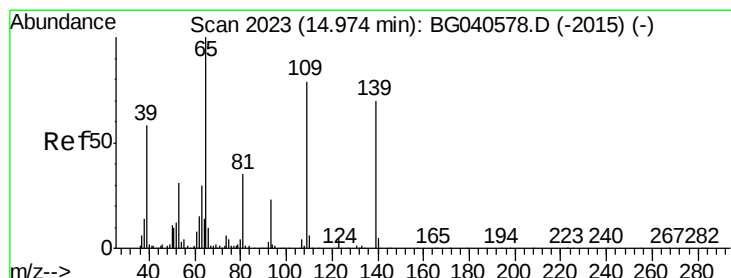
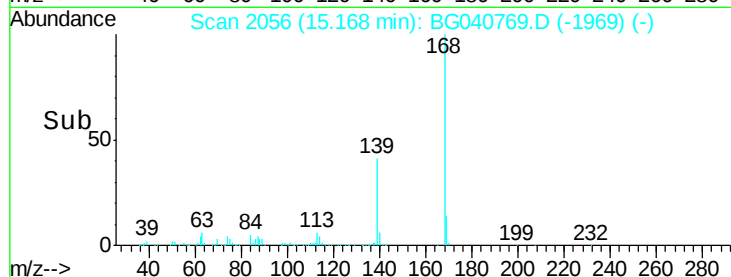
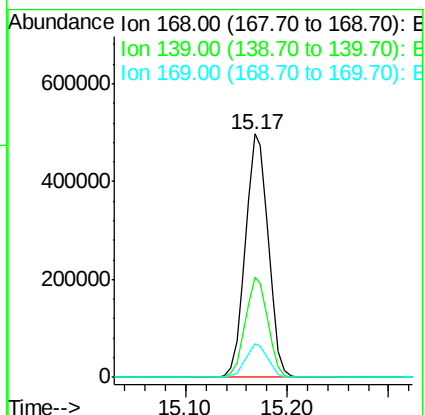
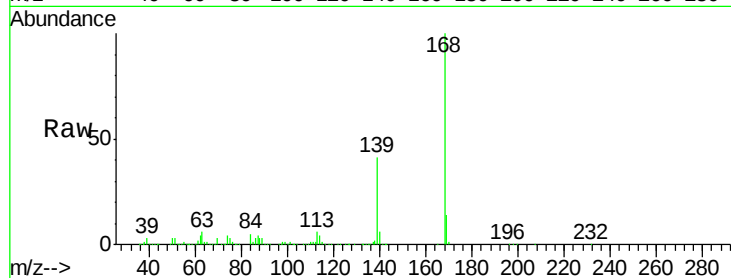
Tot Ion:168 Resp: 774349

Ion Ratio Lower Upper

168 100

139 41.0 33.0 49.4

169 14.0 11.0 16.4



#56

4-Nitrophenol

Concen: 158.735 ng

RT: 15.17 min Scan# 2056

Delta R.T. 0.19 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

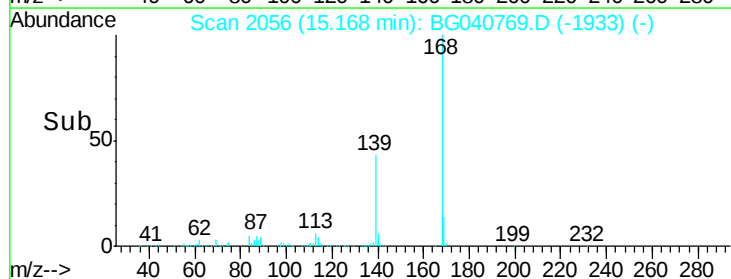
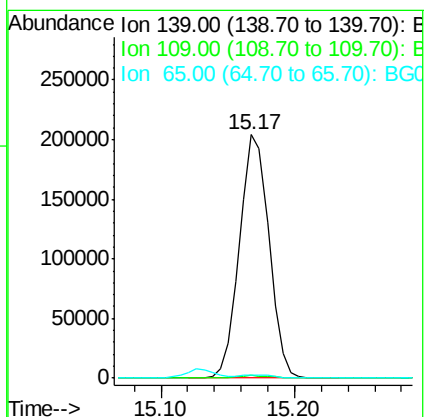
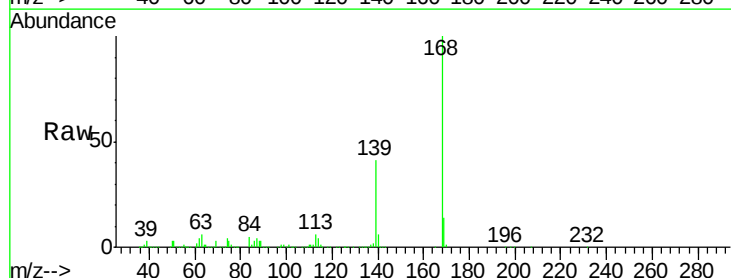
Tgt Ion:139 Resp: 311889

Ion Ratio Lower Upper

139 100

109 1.0 93.8 133.8#

65 1.4 122.7 162.7#

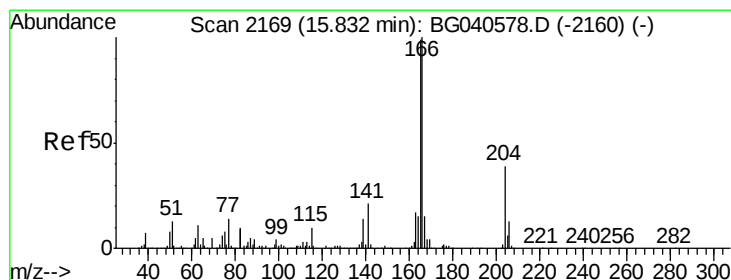
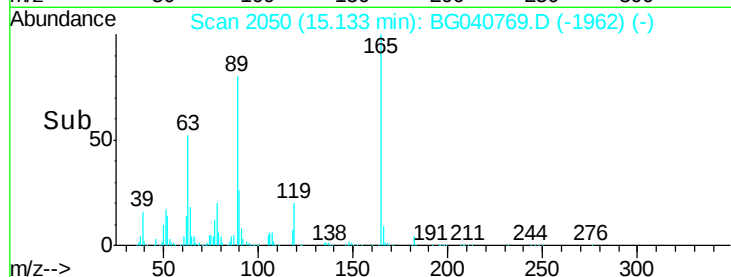
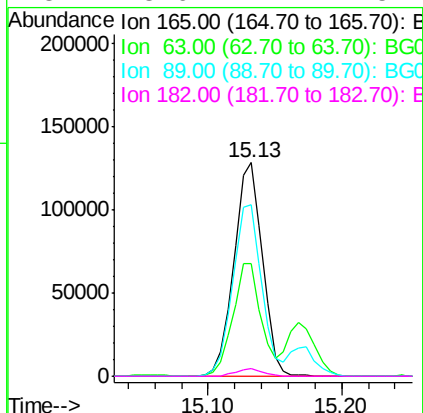
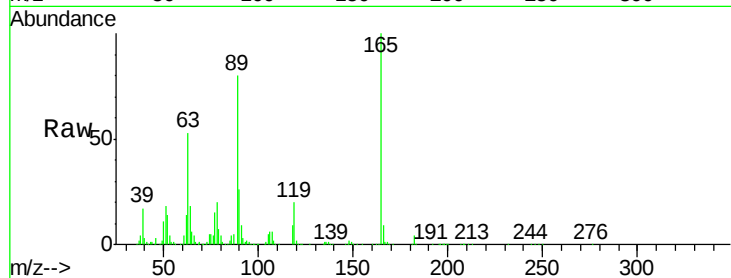




#57
 2,4-Dinitrotoluene
 Concen: 63.404 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

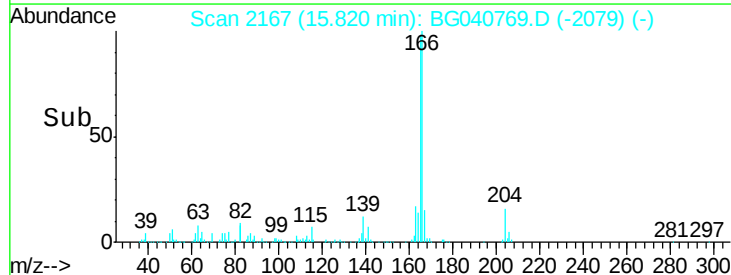
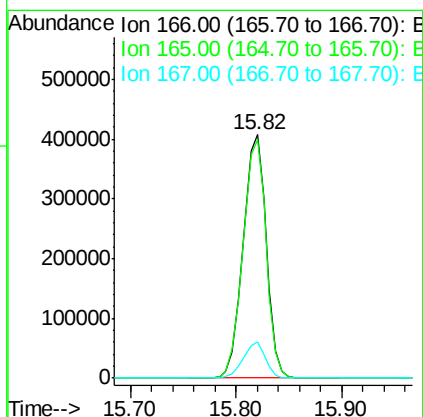
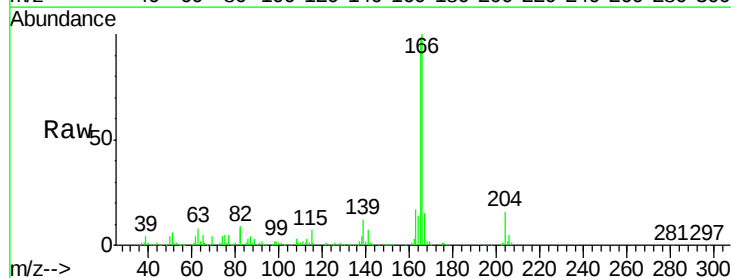
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

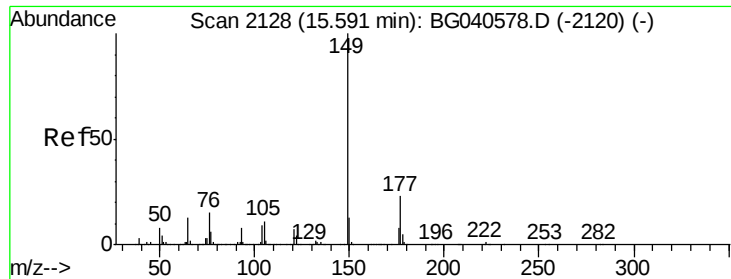
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	45.8	68.8
89	80.1	69.4	104.2
182	3.6	2.2	3.4#



#58
 Fluorene
 Concen: 57.112 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.6	119.4
167	14.8	12.2	18.2

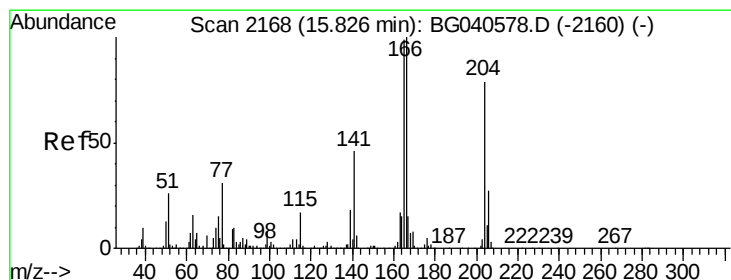
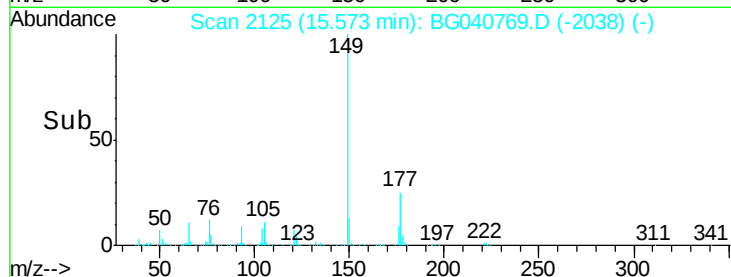
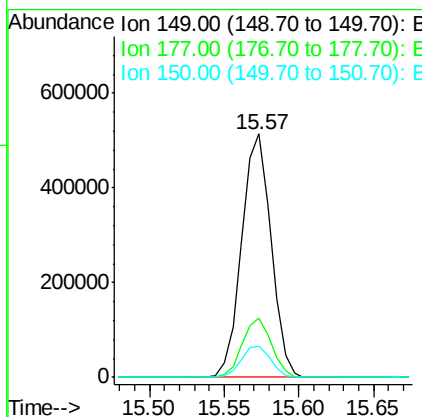
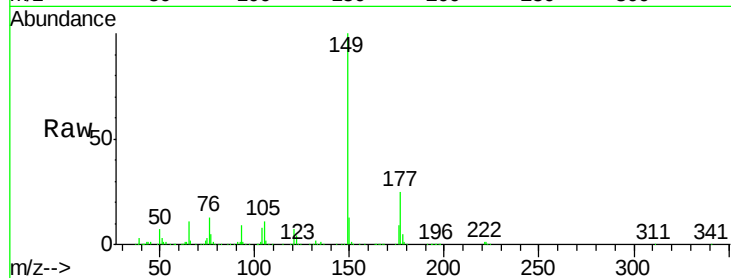




#60
Diethylphthalate
Concen: 58.528 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

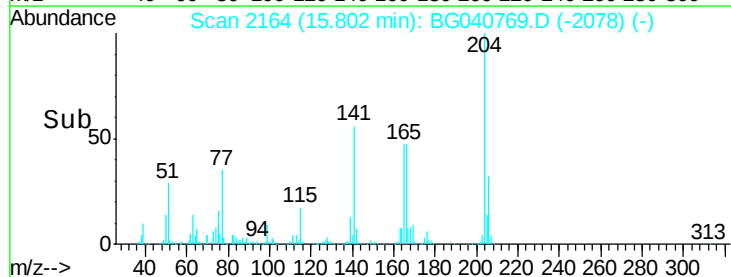
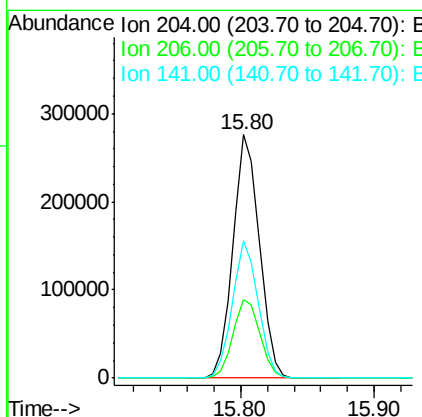
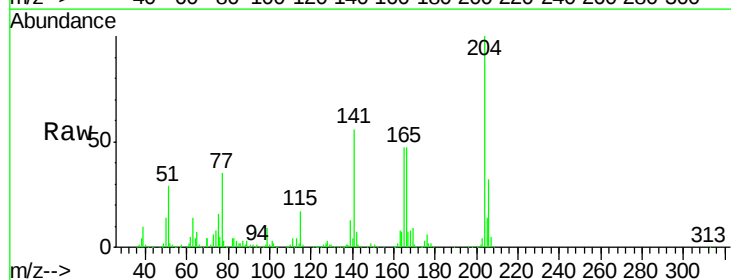
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

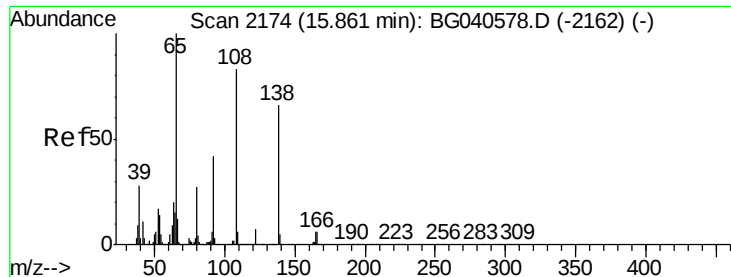
Tot Ion:149 Resp: 699734
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.9 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 60.836 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:204 Resp: 380855
Ion Ratio Lower Upper
204 100
206 32.4 27.4 41.2
141 56.3 46.0 69.0

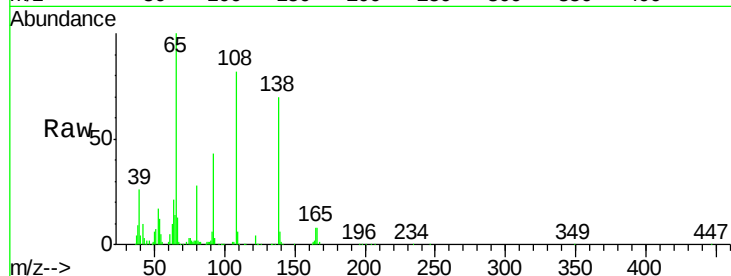




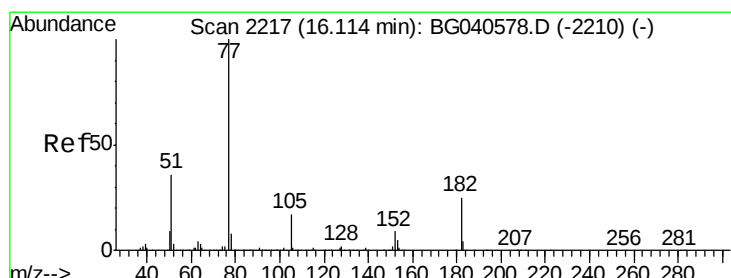
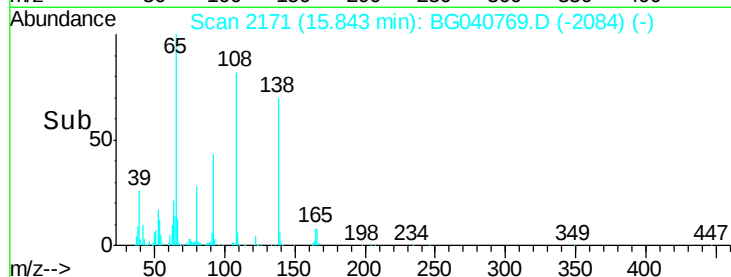
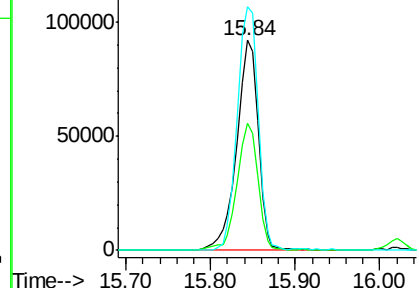
#62
4-Nitroaniline
Concen: 63.605 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion:138 Resp: 161224
Ion Ratio Lower Upper
138 100
92 60.7 43.9 83.9
108 115.9 106.5 146.5

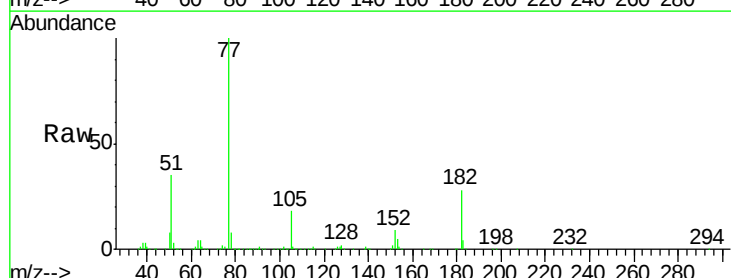


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

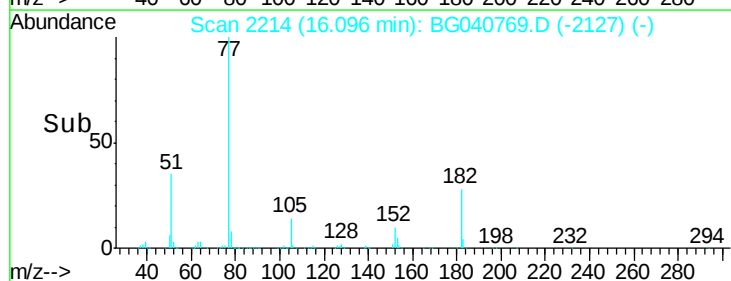
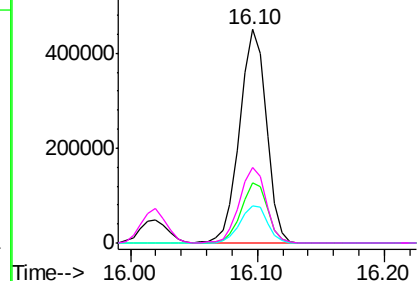


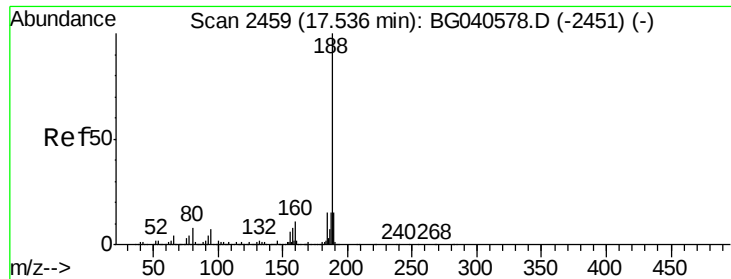
#63
Azobenzene
Concen: 53.327 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion: 77 Resp: 656588
Ion Ratio Lower Upper
77 100
182 27.9 5.0 45.0
105 17.6 0.0 37.6
51 35.3 16.3 56.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

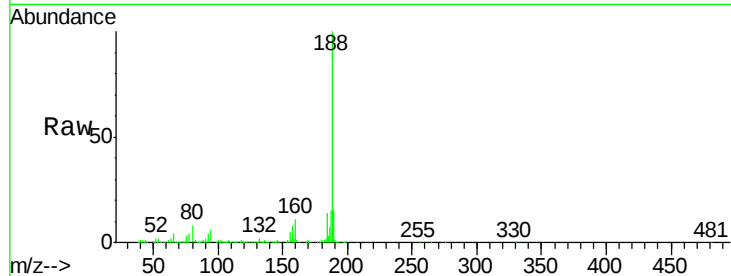
Tot Ion:188 Resp: 372071

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4#

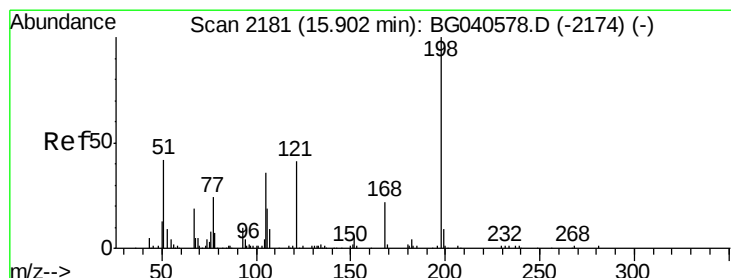
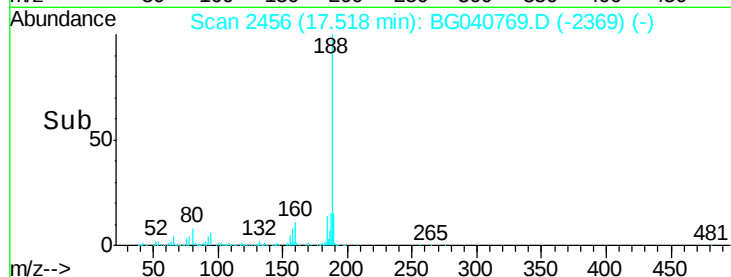
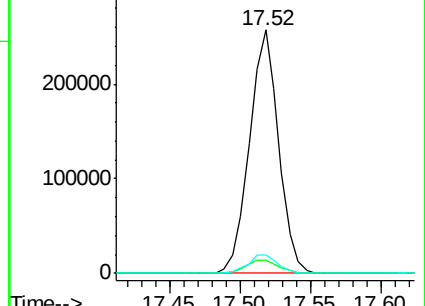
80 7.6 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.460 ng

RT: 16.25 min Scan# 2241

Delta R.T. 0.35 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

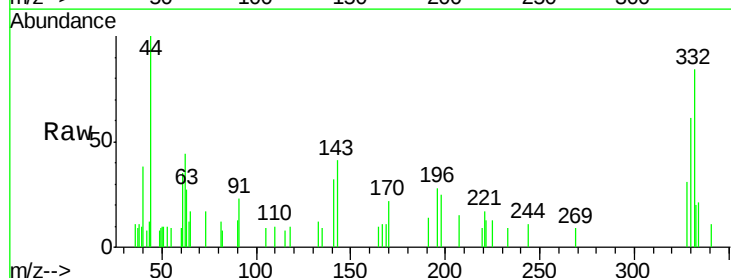
Tgt Ion:198 Resp: 772

Ion Ratio Lower Upper

198 100

51 41.9 35.9 75.9

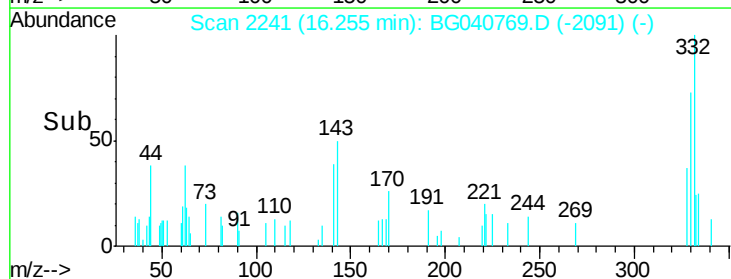
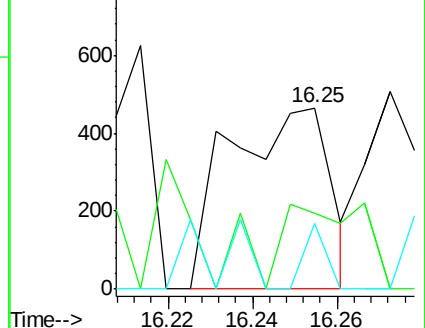
105 35.9 21.2 61.2

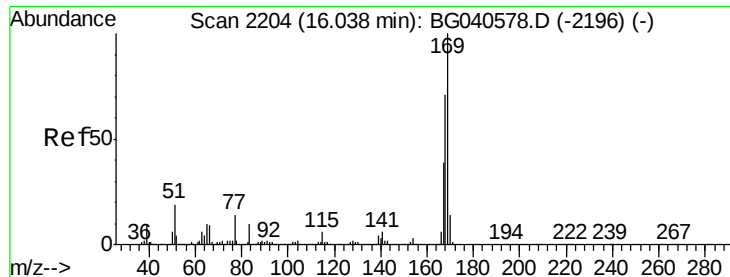


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

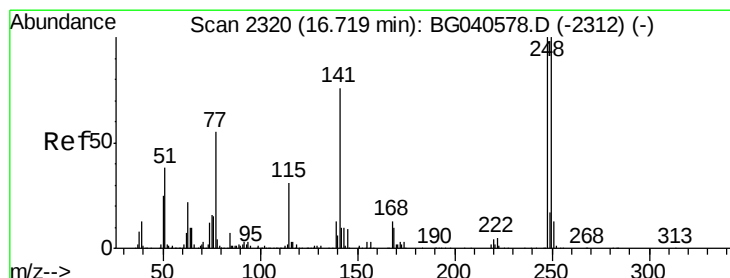
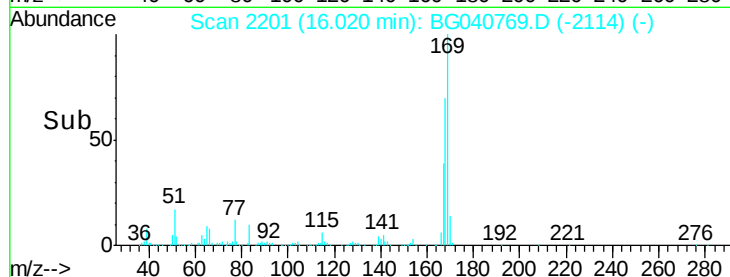
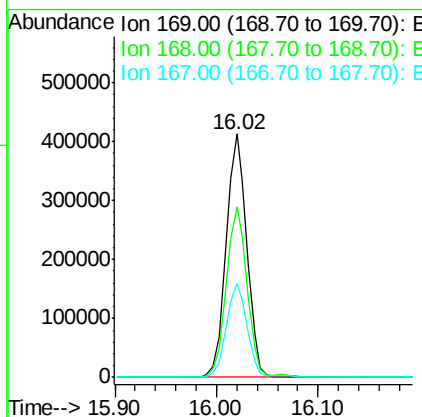
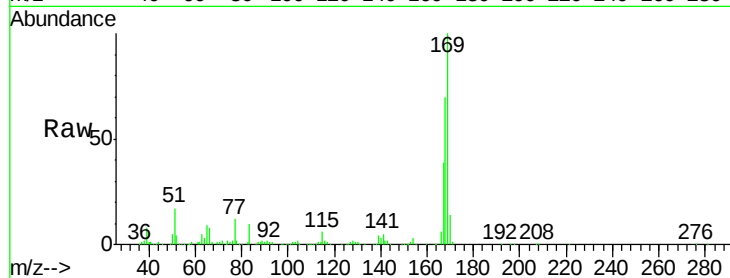




#66
 n-Nitrosodiphenylamine
 Concen: 52.903 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

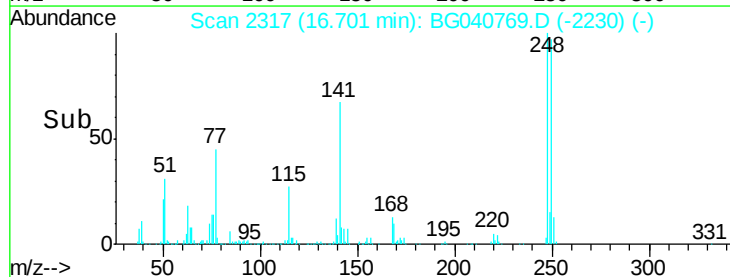
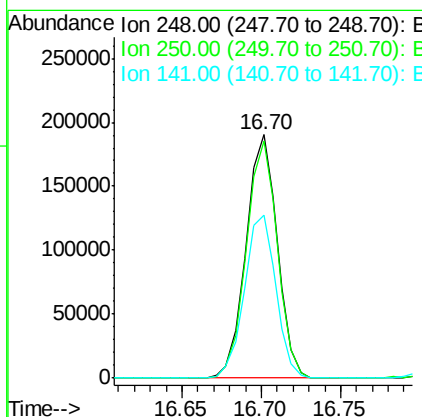
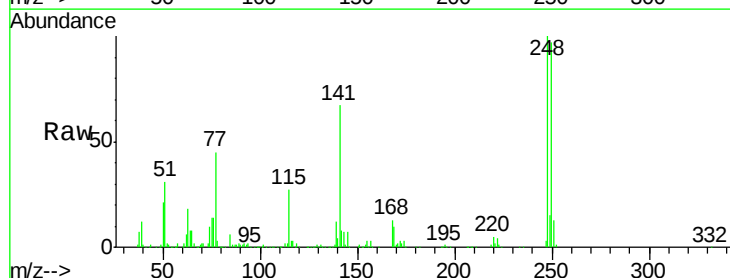
Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

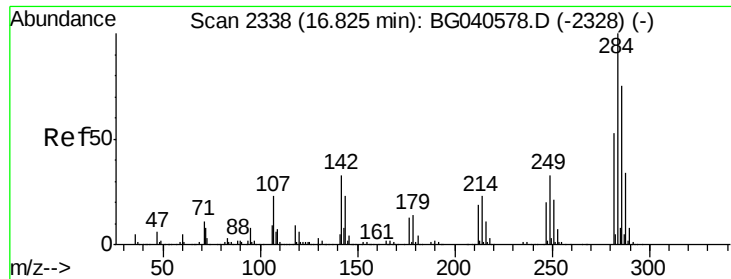
Tot Ion:169 Resp: 579119
 Ion Ratio Lower Upper
 169 100
 168 70.3 56.8 85.2
 167 38.7 31.4 47.0



#67
 4-Bromophenyl-phenylether
 Concen: 56.070 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion:248 Resp: 259909
 Ion Ratio Lower Upper
 248 100
 250 97.2 79.8 119.6
 141 67.1 60.8 91.2

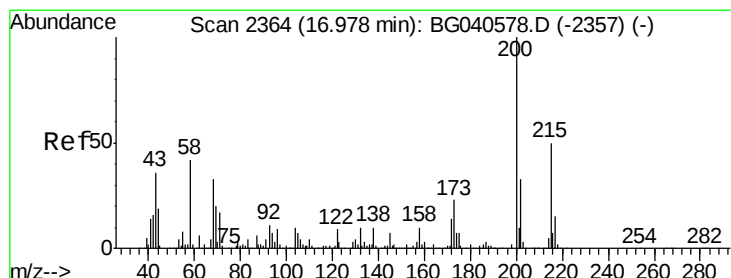
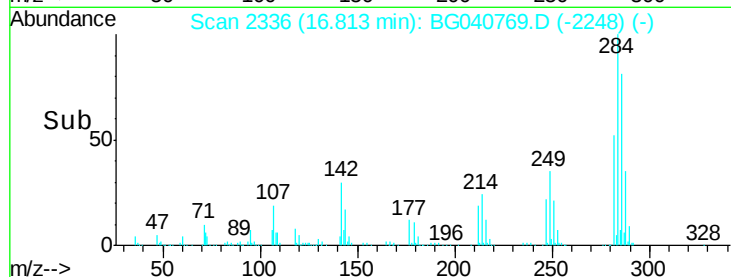
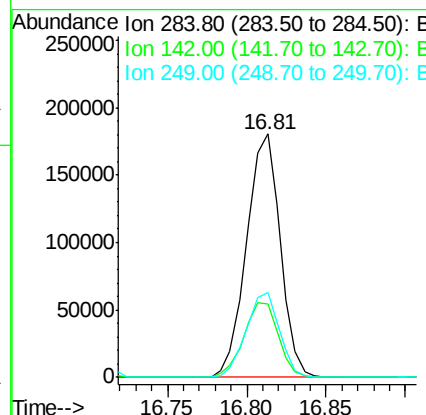
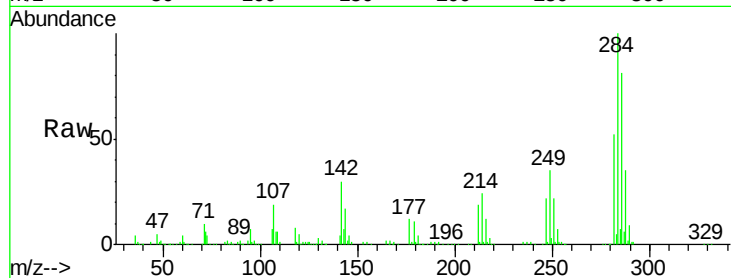




#68
Hexachlorobenzene
Concen: 55.511 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

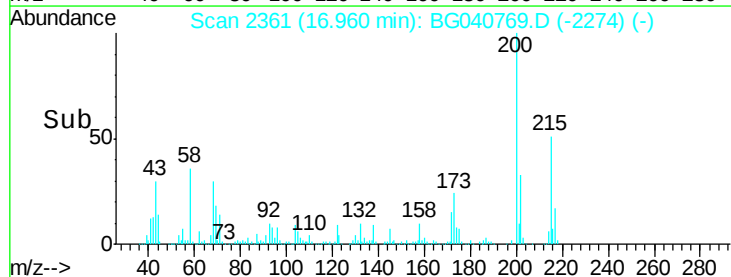
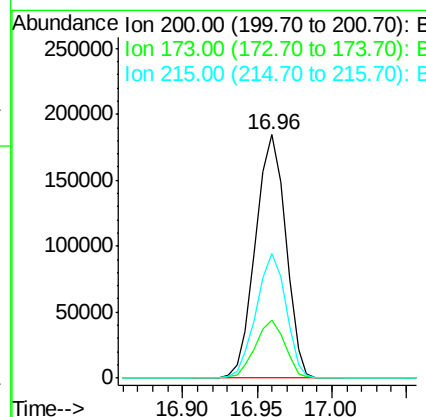
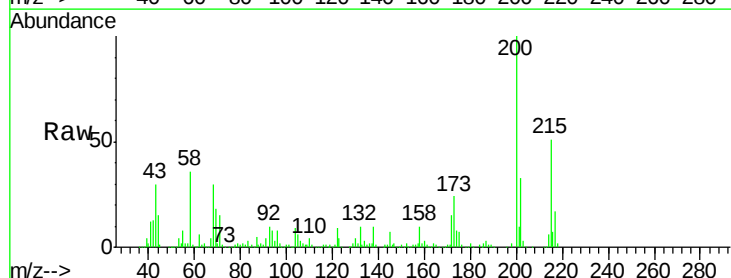
Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

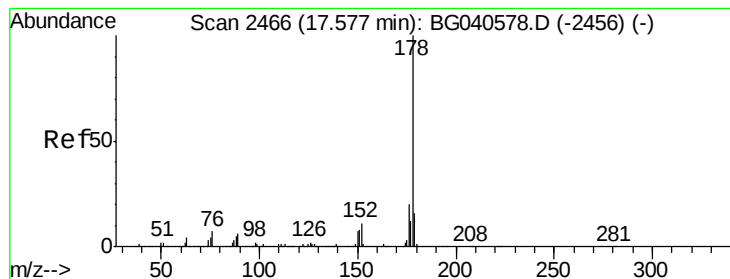
Tot Ion:284 Resp: 266070
Ion Ratio Lower Upper
284 100
142 30.2 26.6 40.0
249 34.8 26.0 39.0



#69
Atrazine
Concen: 59.677 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:200 Resp: 258821
Ion Ratio Lower Upper
200 100
173 23.9 2.8 42.8
215 51.4 30.2 70.2





#71

Phenanthrene

Concen: 55.085 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

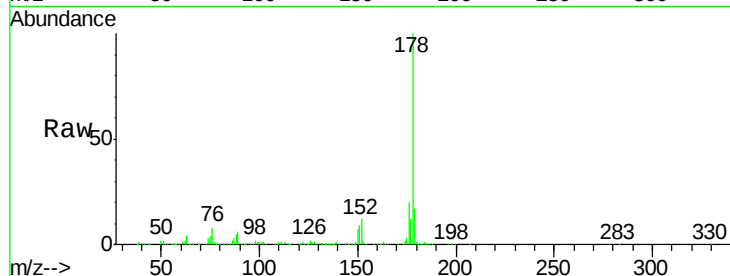
Tot Ion:178 Resp: 1103945

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

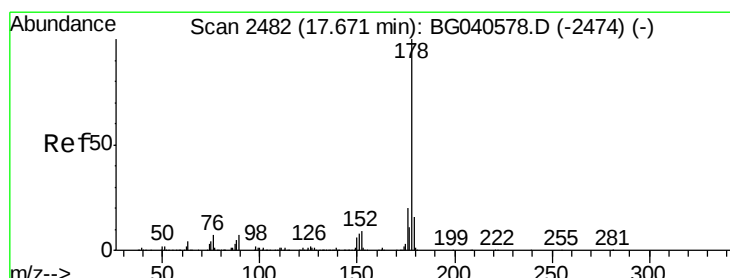
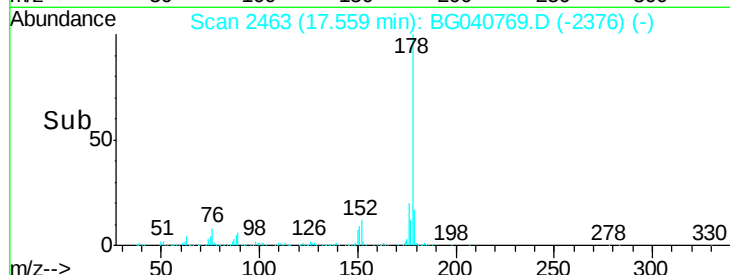
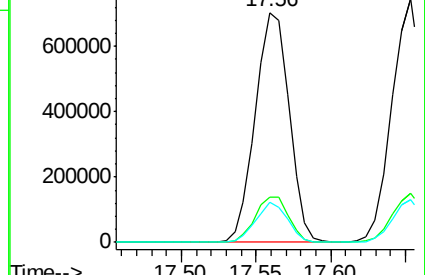
179 17.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.466 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

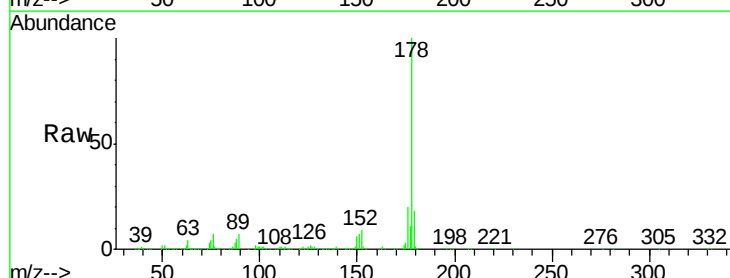
Tgt Ion:178 Resp: 1117318

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

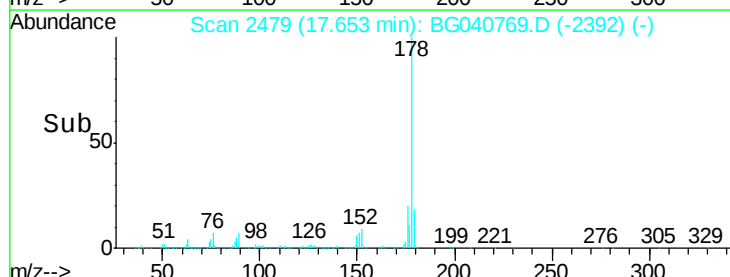
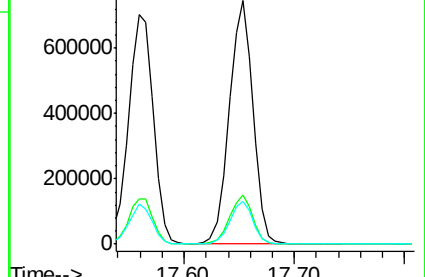
179 17.6 12.9 19.3

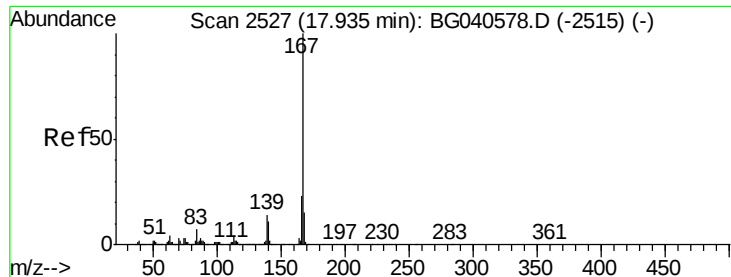


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 54.153 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

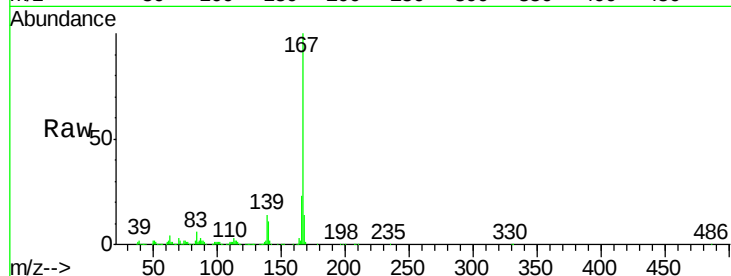
Tot Ion:167 Resp: 993866

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.4

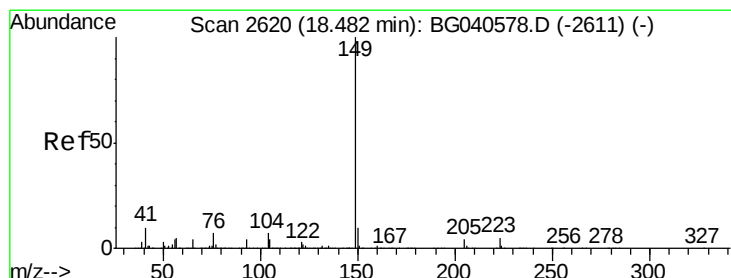
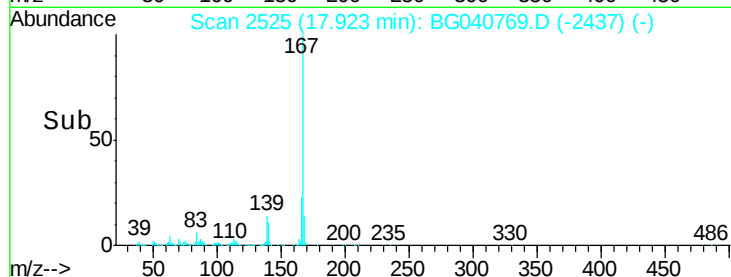
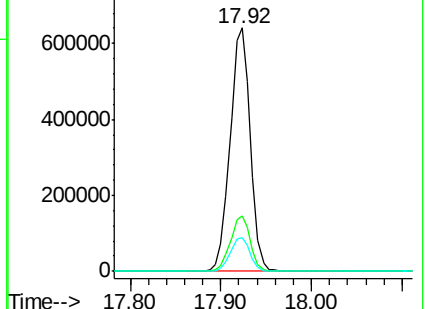
139 14.0 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.405 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

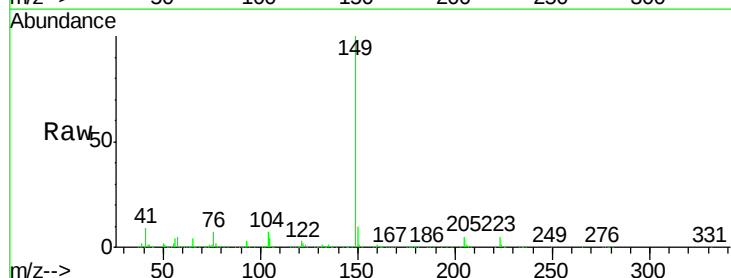
Tgt Ion:149 Resp: 1183020

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

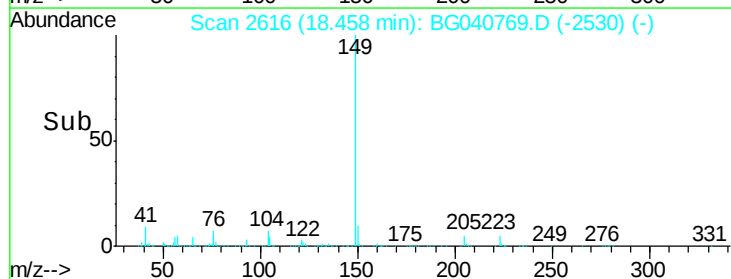
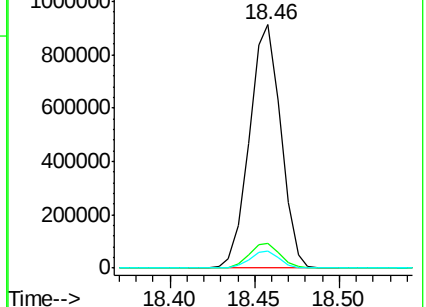
104 7.1 5.4 8.2

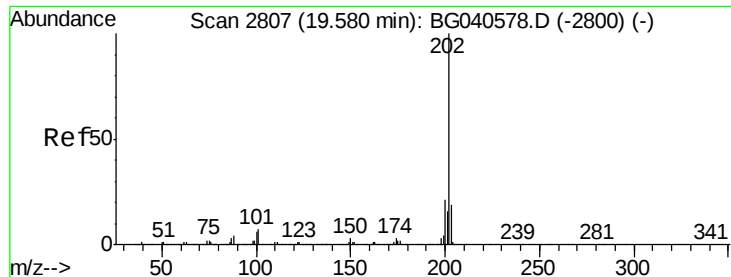


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 57.243 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

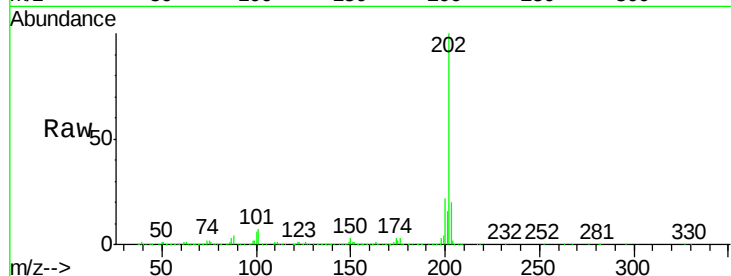
Tot Ion:202 Resp: 1429595

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.5

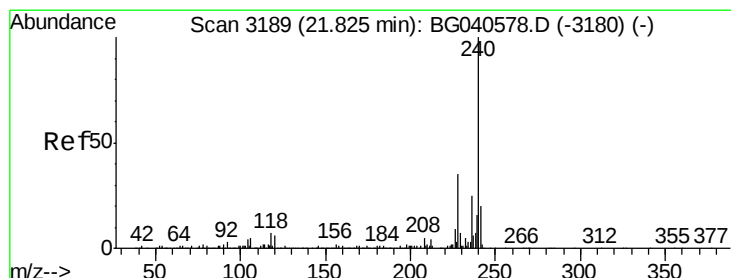
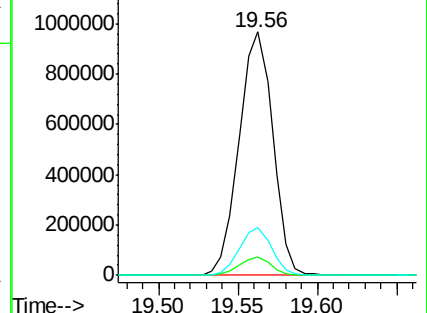
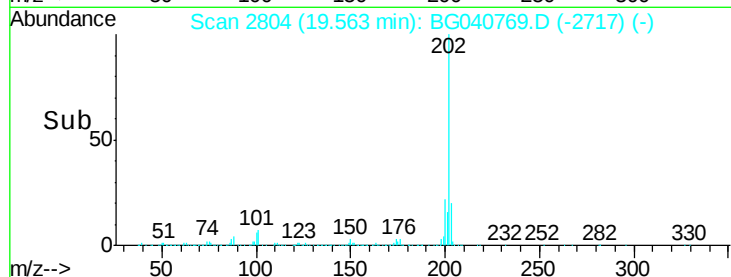
203 19.7 0.0 39.3



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: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

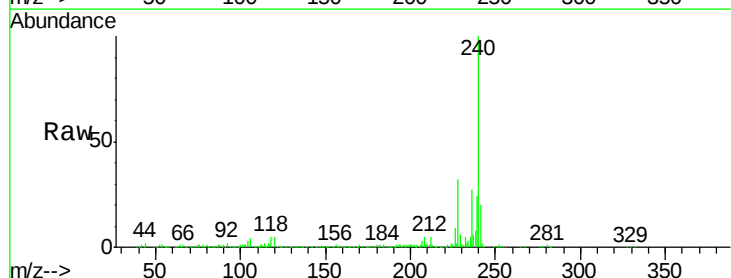
Tgt Ion:240 Resp: 376639

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

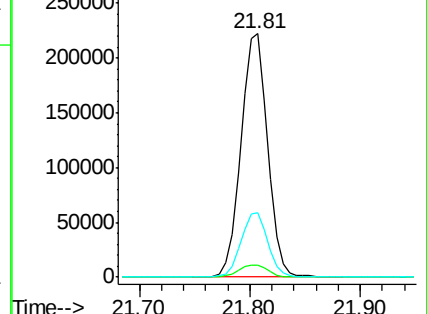
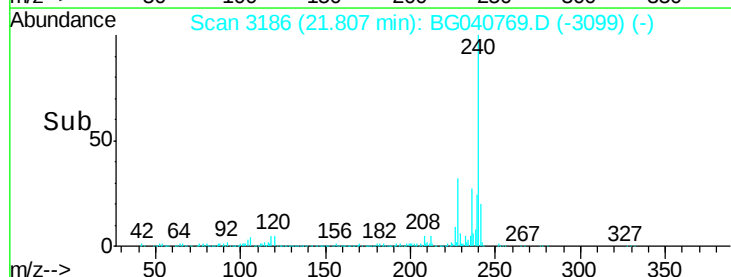
236 26.7 20.3 30.5

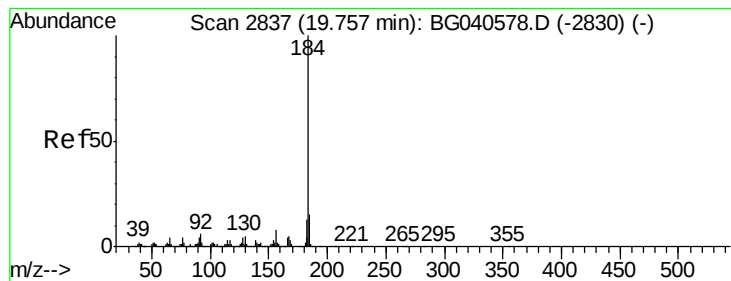


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 90.102 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

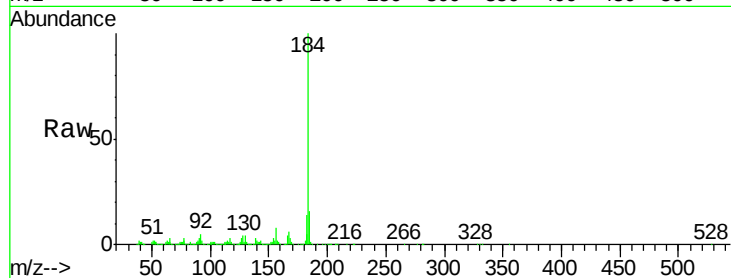
Tot Ion:184 Resp: 929187

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.8

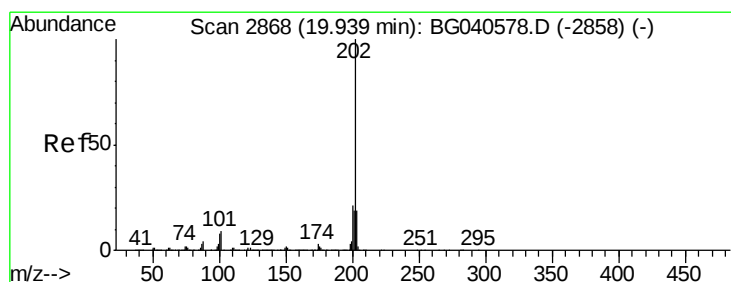
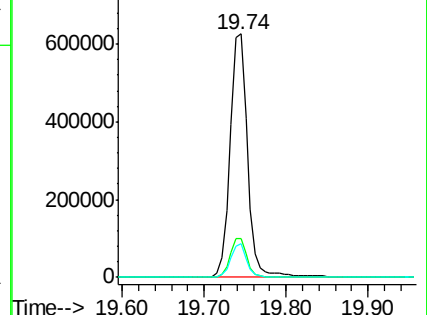
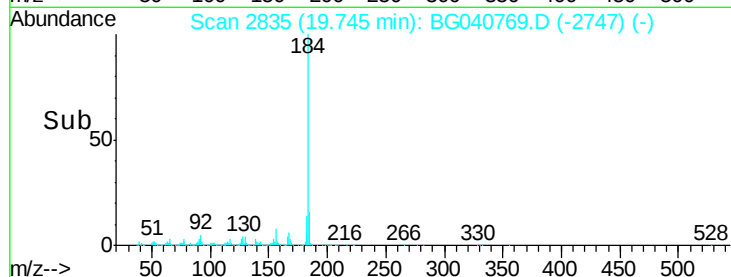
183 13.6 10.2 15.2



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: 59.883 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

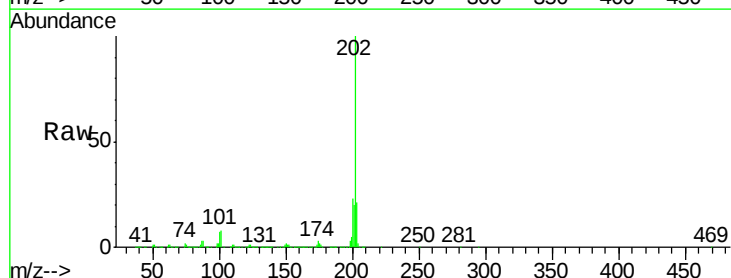
Tgt Ion:202 Resp: 1413600

Ion Ratio Lower Upper

202 100

200 23.2 17.2 25.8

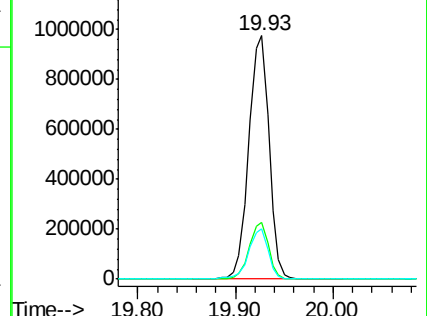
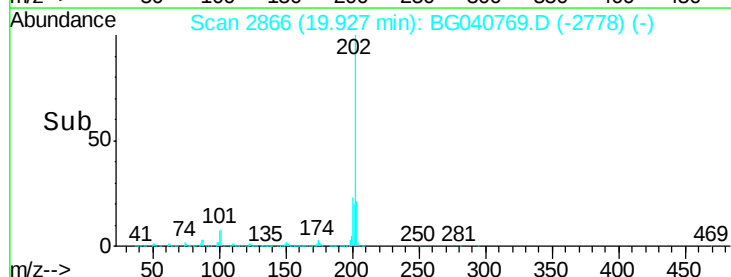
203 20.8 15.0 22.4

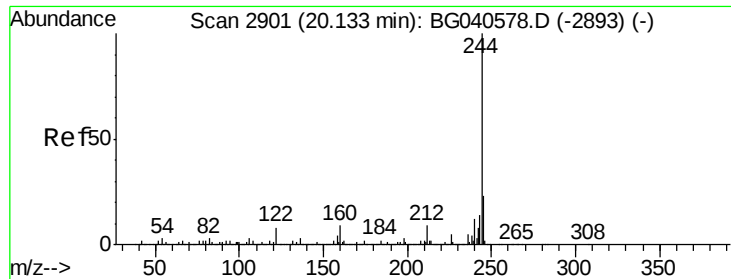


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 120.740 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

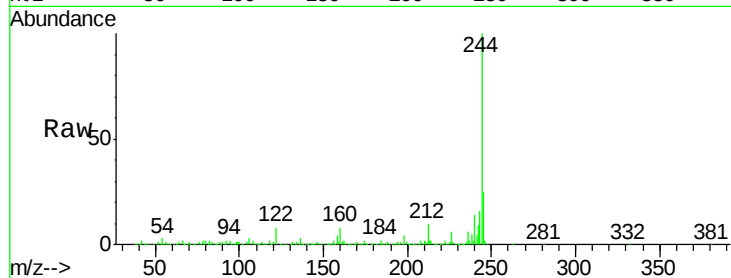
Tot Ion:244 Resp: 2052682

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

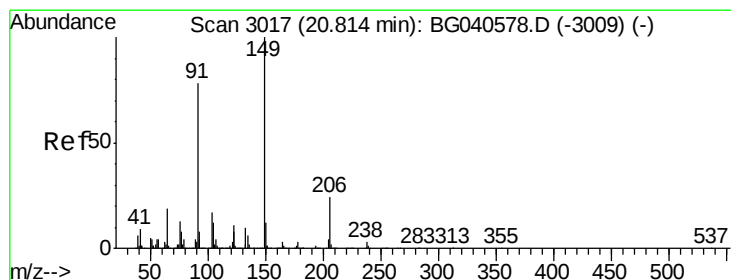
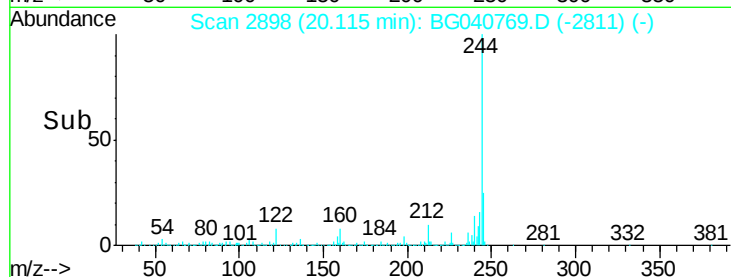
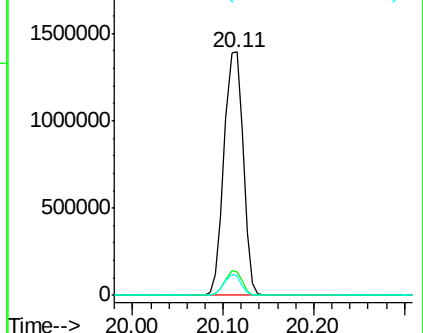
122 7.9 6.6 10.0



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: 58.354 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

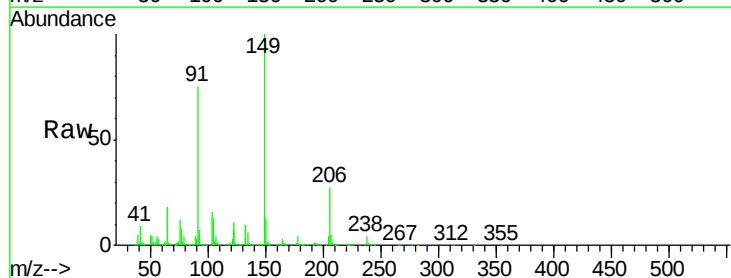
Tgt Ion:149 Resp: 536886

Ion Ratio Lower Upper

149 100

91 75.4 62.6 93.8

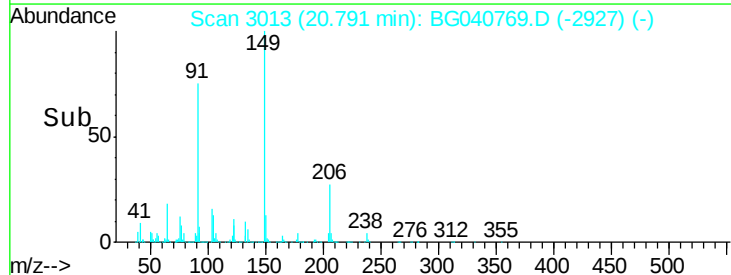
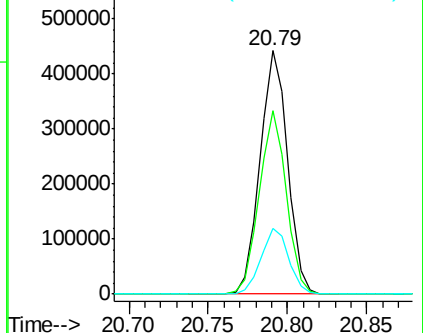
206 26.8 19.4 29.2

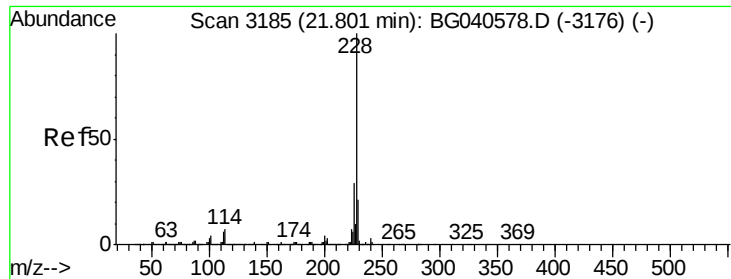


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.073 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

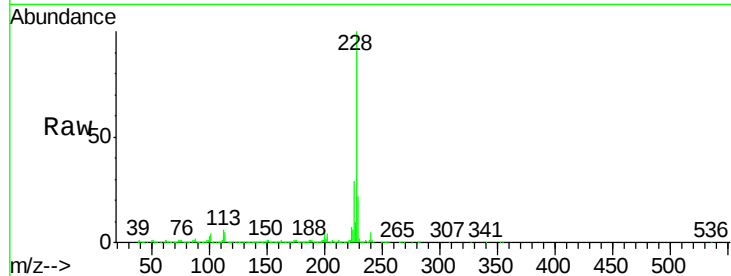
Tot Ion:228 Resp: 1406164

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

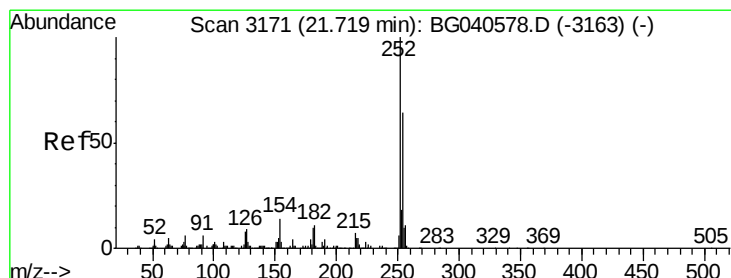
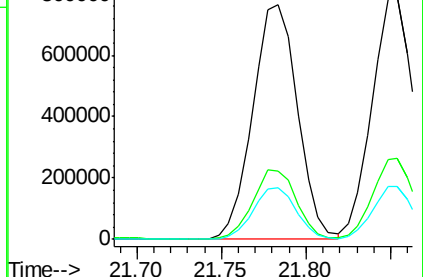
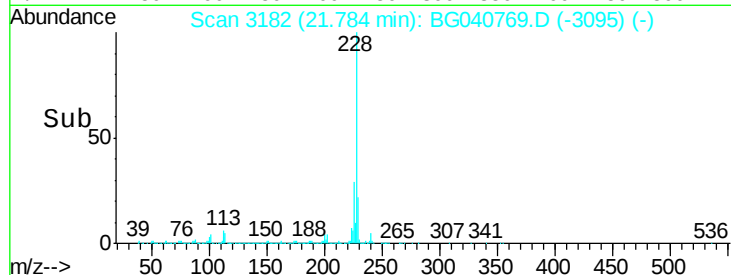
229 22.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 57.927 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

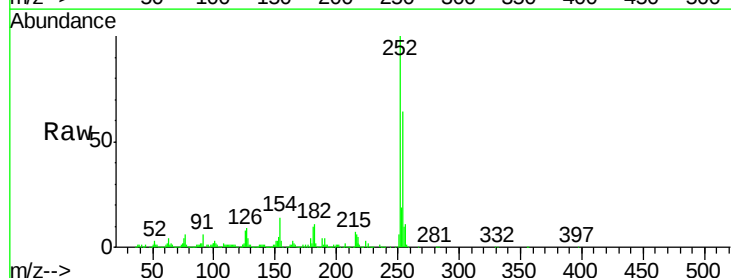
Tgt Ion:252 Resp: 491470

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

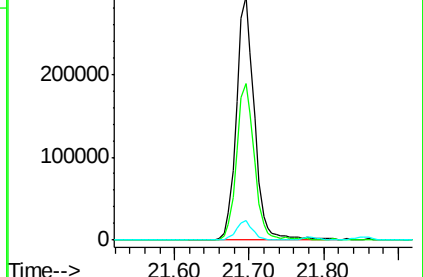
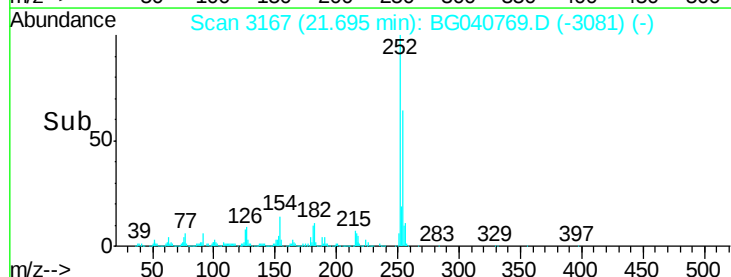
126 7.9 6.6 10.0

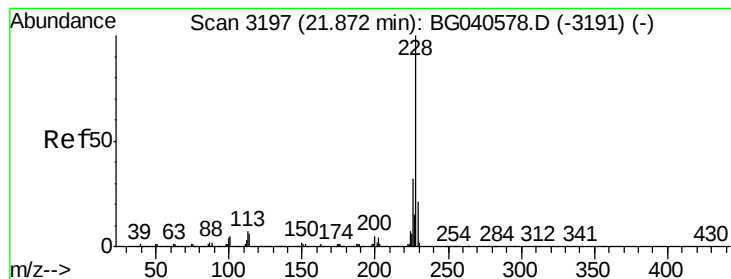


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 60.342 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

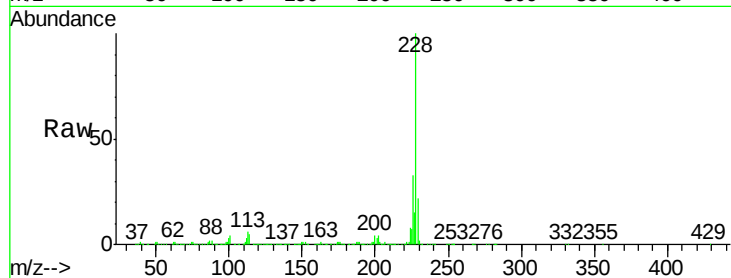
BNA_G

ClientSampleId :

SV28545LMSD

Tot Ion:228 Resp: 1366031

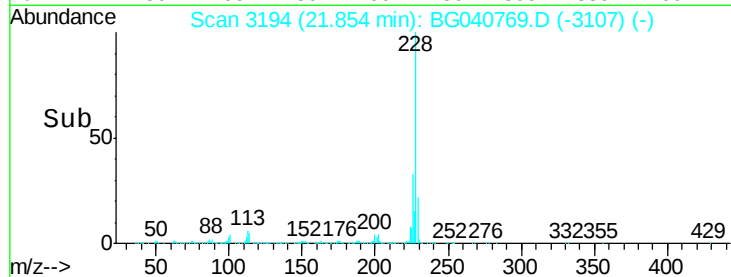
Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.5	38.3
229	21.7	16.8	25.2



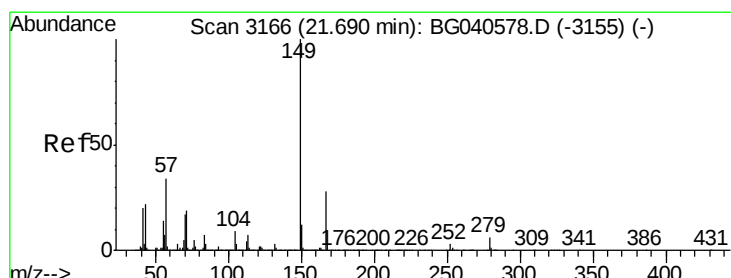
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.085 ng

RT: 21.65 min Scan# 3160

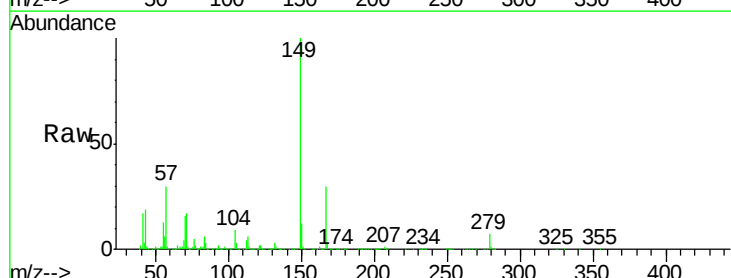
Delta R.T. -0.04 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:149 Resp: 771434

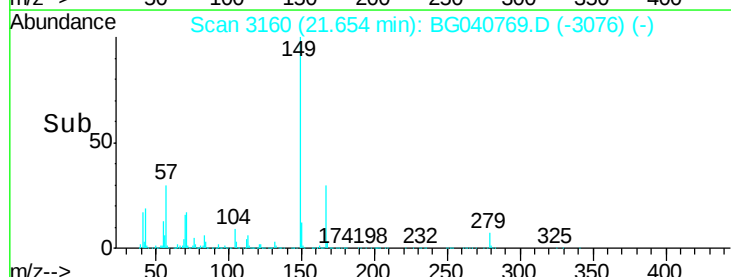
Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.4	33.6
279	6.7	4.6	6.8



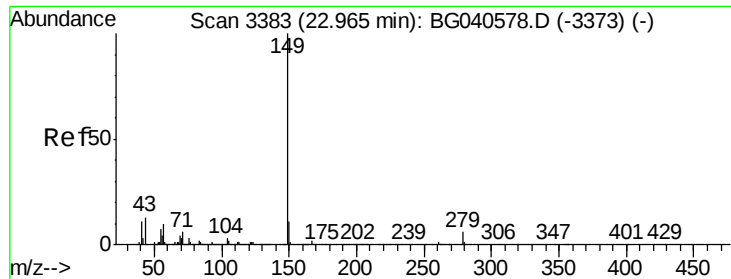
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 57.617 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

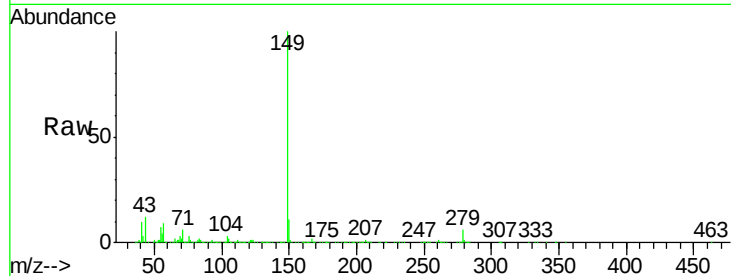
Tot Ion:149 Resp: 1288715

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

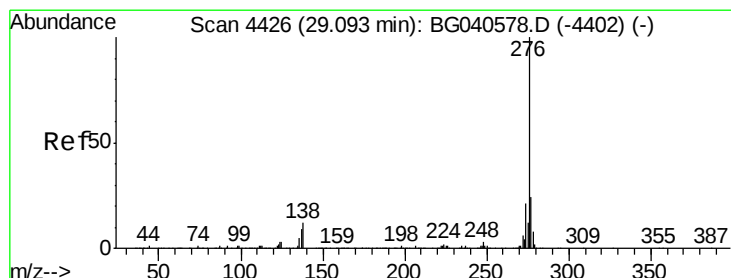
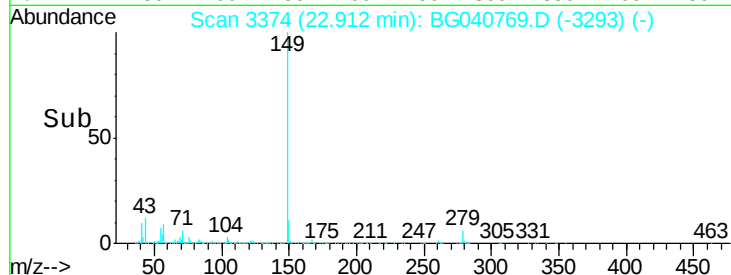
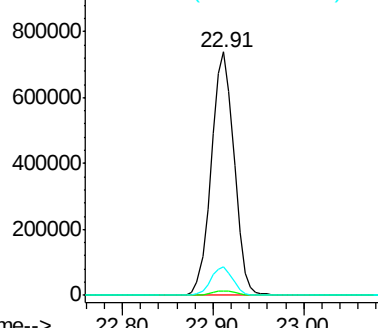
43 11.7 10.2 15.2



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: 52.749 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

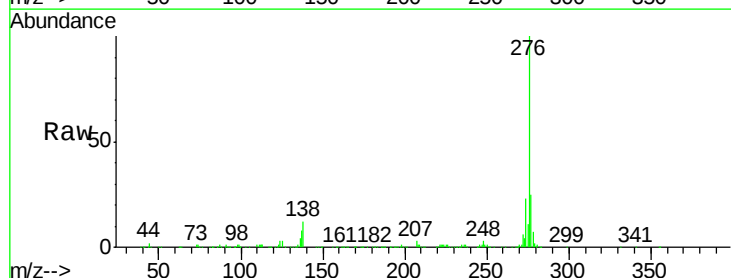
Tgt Ion:276 Resp: 1443760

Ion Ratio Lower Upper

276 100

138 7.8 9.8 14.6#

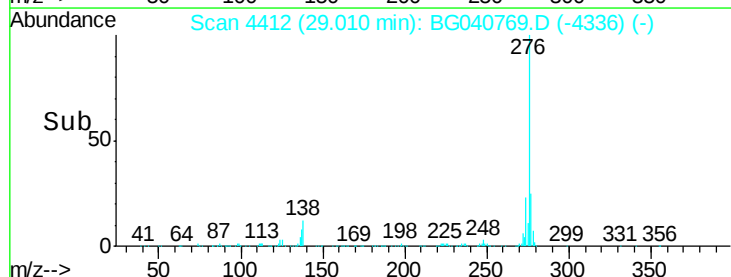
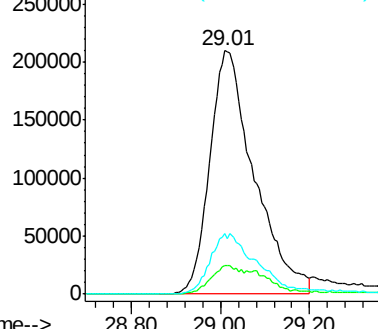
277 26.3 17.3 25.9#

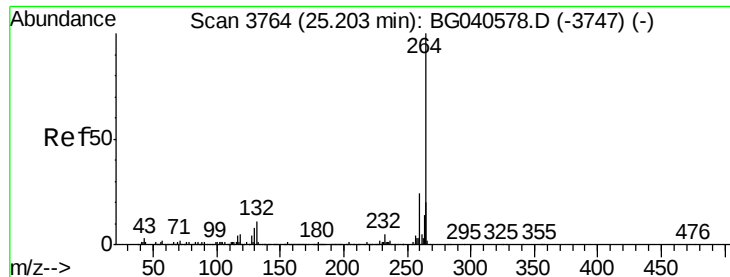


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

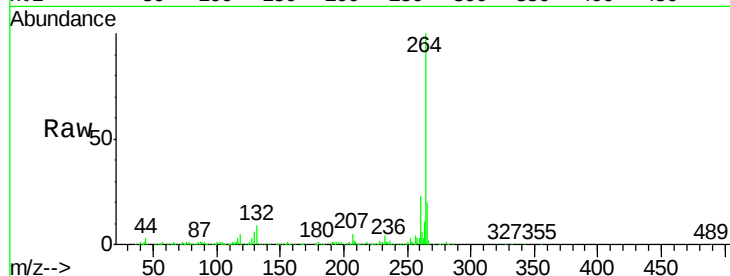




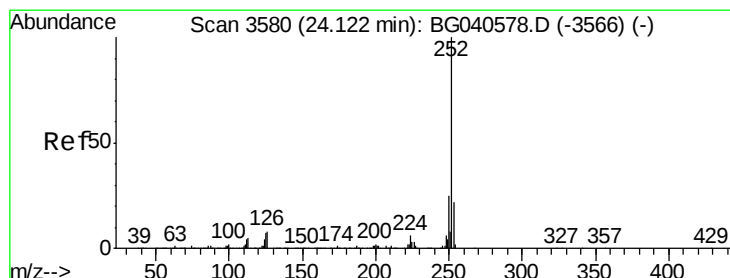
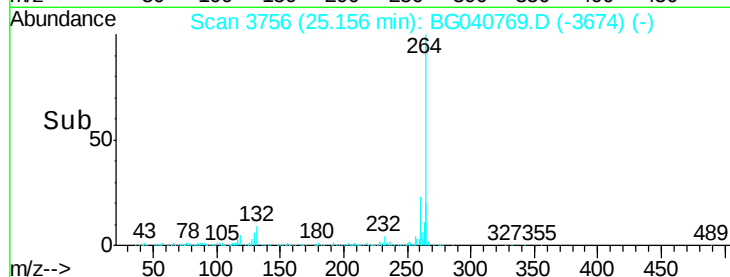
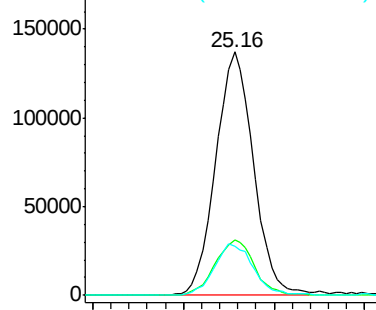
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion:264 Resp: 396431
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.4 16.6 25.0

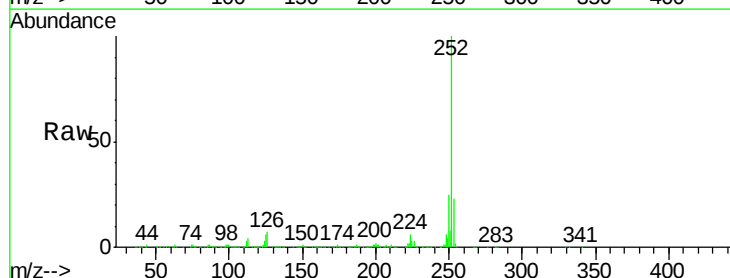


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

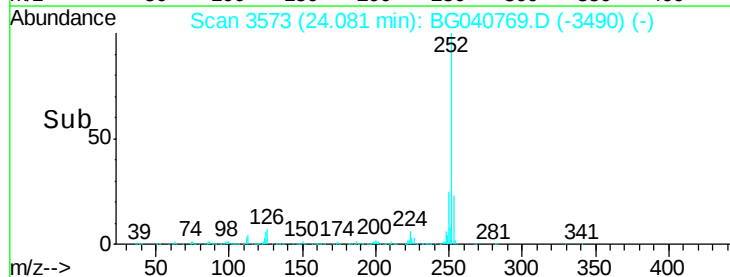
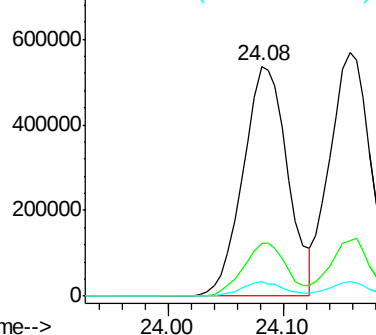


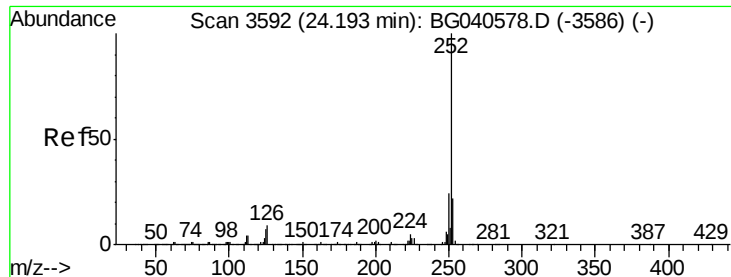
#88
Benzo(b)fluoranthene
Concen: 59.309 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:252 Resp: 1436772
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 6.1 5.4 8.0



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: 61.848 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

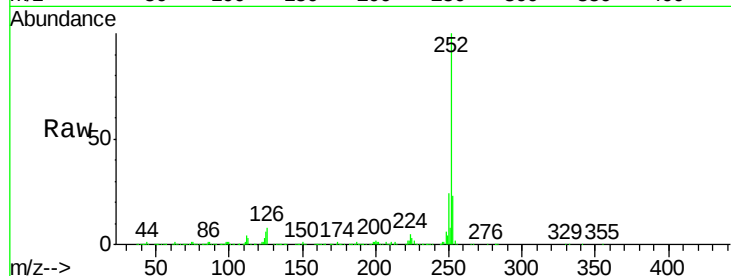
Tot Ion:252 Resp: 1399253

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

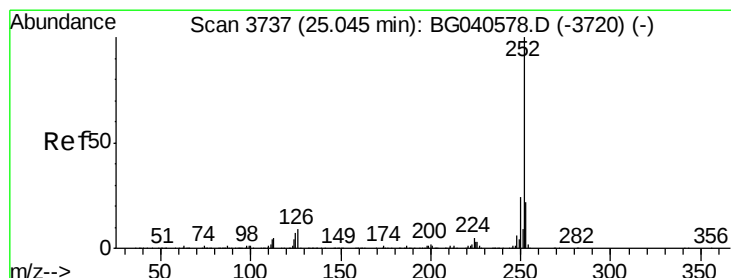
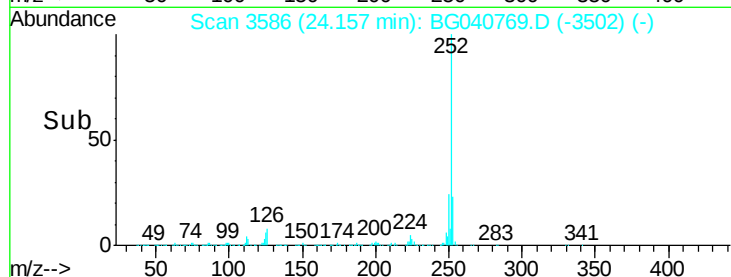
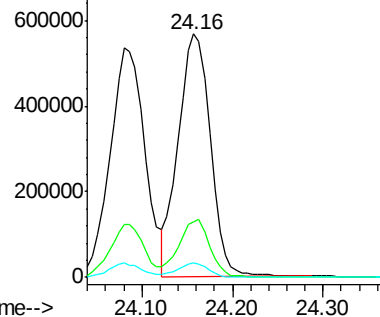
125 6.1 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 60.734 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

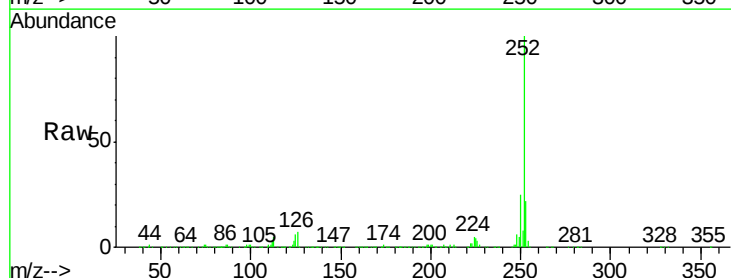
Tgt Ion:252 Resp: 1392716

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

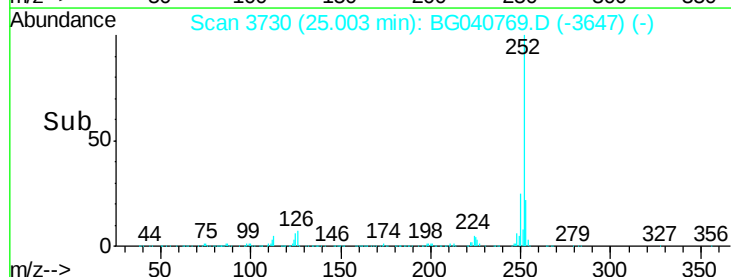
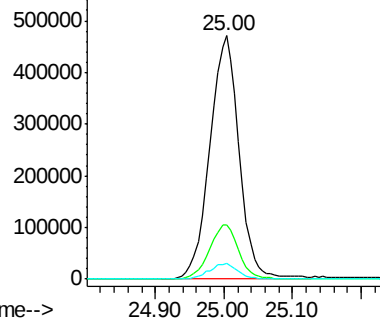
125 6.3 5.7 8.5

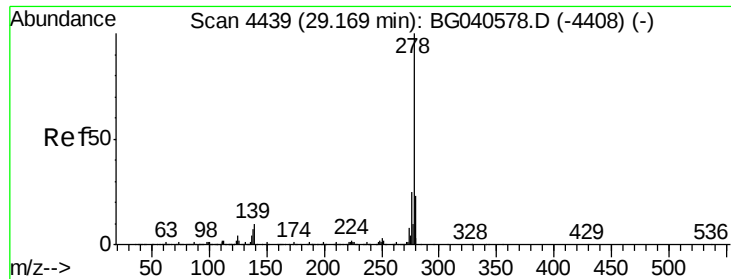


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

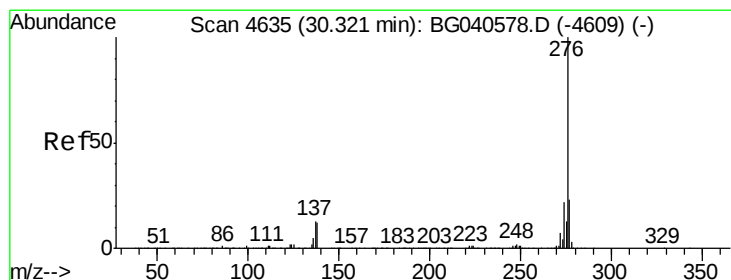
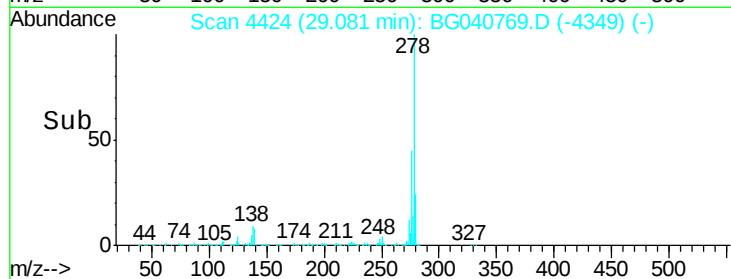
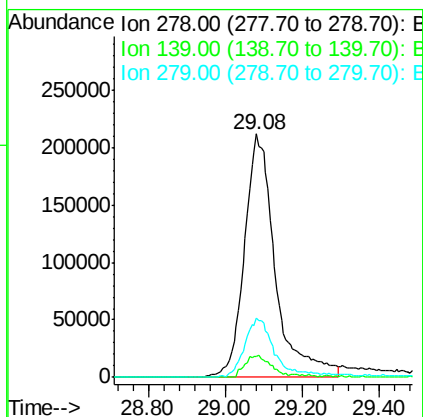
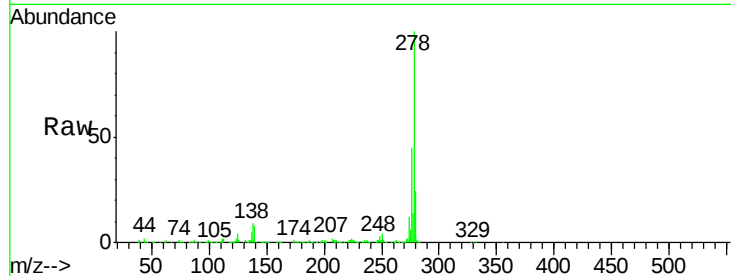




#91
Dibenzo(a,h)anthracene
Concen: 50.946 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.09 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion:278 Resp: 1182241
Ion Ratio Lower Upper
278 100
139 8.4 8.2 12.4
279 24.1 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 52.304 ng
RT: 30.24 min Scan# 4621
Delta R.T. -0.08 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:276 Resp: 1207961
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 10.8 9.8 14.6

