

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040259.D
 Acq On : 30 Mar 2019 13:15
 Operator : JU/SJ
 Sample : K1697-14MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

Quant Time: Apr 01 02:08:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57734	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	259668	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	173504	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	438722	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	427586	20.00	ng	0.00
87) Perylene-d12	25.03	264	434586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	442570	127.44	ng	-0.01
7) Phenol-d6	7.21	99	592697	123.49	ng	-0.01
23) Nitrobenzene-d5	9.23	82	412393	84.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	296696	158.23	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	957917	81.81	ng	-0.01
79) Terphenyl-d14	20.04	244	1605896	84.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	53105	32.520	ng	# 1
3) Pyridine	3.92	79	141948	32.284	ng	98
4) n-Nitrosodimethylamine	3.83	42	70163	34.498	ng	# 93
6) Aniline	7.39	93	90308	14.482	ng	93
8) 2-Chlorophenol	7.62	128	170056	41.830	ng	94
9) Benzaldehyde	7.20	77	36739	11.159	ng	# 83
10) Phenol	7.24	94	198656	38.133	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	168231	40.318	ng	97
12) 1,3-Dichlorobenzene	7.94	146	171412	38.787	ng	96
13) 1,4-Dichlorobenzene	8.09	146	176592	40.120	ng	99
14) 1,2-Dichlorobenzene	8.41	146	165415	39.299	ng	94
15) Benzyl Alcohol	8.30	79	161165	41.695	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.57	45	306112	38.226	ng	98
17) 2-Methylphenol	8.49	107	158095	43.856	ng	98
18) Hexachloroethane	9.14	117	62844	37.536	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	139416	40.514	ng	98
20) 3+4-Methylphenols	8.82	107	218615	44.765	ng	96
22) Acetophenone	8.89	105	275836	42.585	ng	# 97
24) Nitrobenzene	9.27	77	202261	39.982	ng	97
25) Isophorone	9.79	82	420613	41.845	ng	98
26) 2-Nitrophenol	9.98	139	97464	40.660	ng	97
27) 2,4-Dimethylphenol	10.03	122	188117	49.406	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	246662	41.477	ng	99
29) 2,4-Dichlorophenol	10.51	162	192159	46.495	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	186280	41.048	ng	99
31) Naphthalene	10.92	128	550937	41.393	ng	99
32) Benzoic acid	10.17	122	64553	28.060	ng	99
33) 4-Chloroaniline	11.04	127	20126	3.545	ng	96
34) Hexachlorobutadiene	11.18	225	111278	38.341	ng	97
35) Caprolactam	11.82	113	28586	17.429	ng	98
36) 4-Chloro-3-methylphenol	12.15	107	223532	47.047	ng	99
37) 2-Methylnaphthalene	12.52	142	427043	43.382	ng	97
38) 1-Methylnaphthalene	12.74	142	414756	43.450	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	219858	39.869	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	247331	81.684	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	166679	46.880	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	179238	46.251	ng	95
46) 1,1'-Biphenyl	13.52	154	566339	41.311	ng	99
47) 2-Chloronaphthalene	13.57	162	439171	41.763	ng	99
48) 2-Nitroaniline	13.78	65	156231	44.045	ng	95
49) Acenaphthylene	14.41	152	755415	42.369	ng	99
50) Dimethylphthalate	14.14	163	602123	44.342	ng	99
51) 2,6-Dinitrotoluene	14.27	165	138115	45.298	ng	97
52) Acenaphthene	14.75	154	443068	43.368	ng	97
53) 3-Nitroaniline	14.60	138	36682	11.366	ng	# 89
54) 2,4-Dinitrophenol	14.81	184	121025	74.636	ng	95
55) Dibenzofuran	15.08	168	729853	44.459	ng	99
56) 4-Nitrophenol	14.91	139	210830	80.938	ng	97
57) 2,4-Dinitrotoluene	15.06	165	195656	46.182	ng	99
58) Fluorene	15.73	166	577267	44.726	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	176908	50.306	ng	97
60) Diethylphthalate	15.49	149	633587	45.597	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	307009	44.500	ng	97
62) 4-Nitroaniline	15.77	138	148603	42.904	ng	97
63) Azobenzene	16.01	77	574128	43.803	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	100863	40.921	ng	100
66) n-Nitrosodiphenylamine	15.94	169	549191	42.778	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	209199	42.372	ng	97
68) Hexachlorobenzene	16.73	284	217005	43.715	ng	95
69) Atrazine	16.88	200	211251	44.234	ng	99
70) Pentachlorophenol	17.08	266	221040	77.019	ng	98
71) Phenanthrene	17.48	178	997183	43.243	ng	99
72) Anthracene	17.57	178	1009226	43.725	ng	99
73) Carbazole	17.84	167	945963	43.306	ng	99
74) Di-n-butylphthalate	18.37	149	1109466	42.849	ng	100
75) Fluoranthene	19.49	202	1197182	43.843	ng	99
77) Benzidine	19.67	184	124749	8.079	ng	98
78) Pyrene	19.84	202	1204881	42.850	ng	99
80) Butylbenzylphthalate	20.71	149	510481	42.426	ng	98
81) Benzo(a)anthracene	21.69	228	1111425	42.200	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	160127	15.983	ng	98
83) Chrysene	21.77	228	1095306	43.273	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	721757	41.963	ng	100
85) Di-n-octyl phthalate	22.79	149	1230731	41.998	ng	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1352307	43.683	ng	# 85
88) Benzo(b)fluoranthene	23.95	252	1171033	44.012	ng	98
89) Benzo(k)fluoranthene	24.03	252	1142495	46.693	ng	98
90) Benzo(a)pyrene	24.87	252	1147590	45.969	ng	98
91) Dibenzo(a,h)anthracene	28.92	278	1099890	47.438	ng	99
92) Benzo(g,h,i)perylene	30.11	276	1127879	47.334	ng	98

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

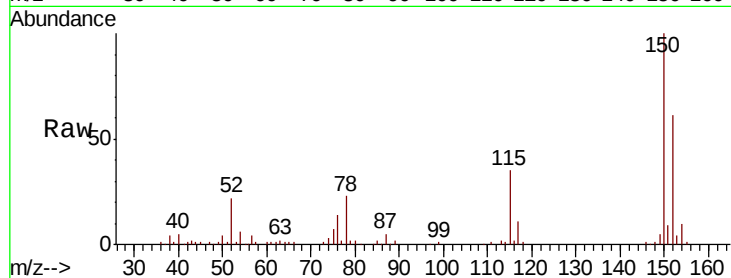


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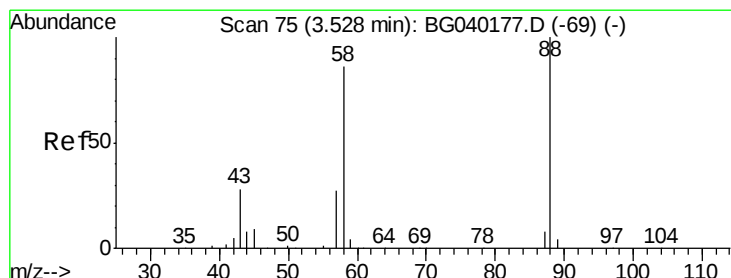
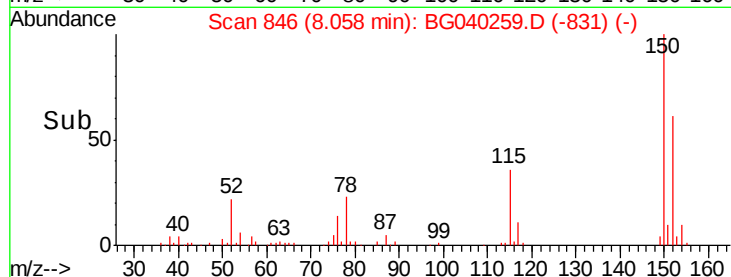
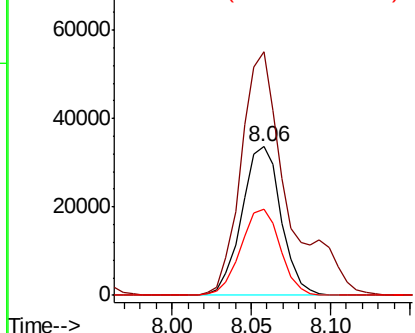
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

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BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion:152 Resp: 57734
Ion Ratio Lower Upper
152 100
150 164.2 123.7 185.5
115 58.0 46.9 70.3



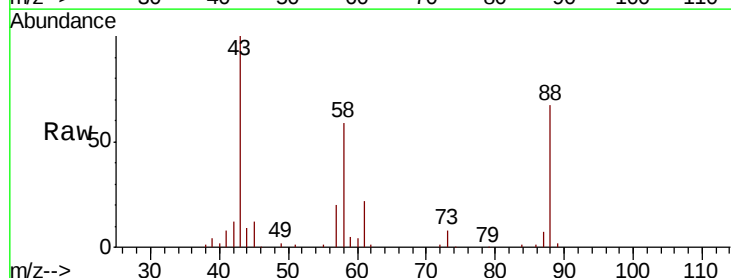
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



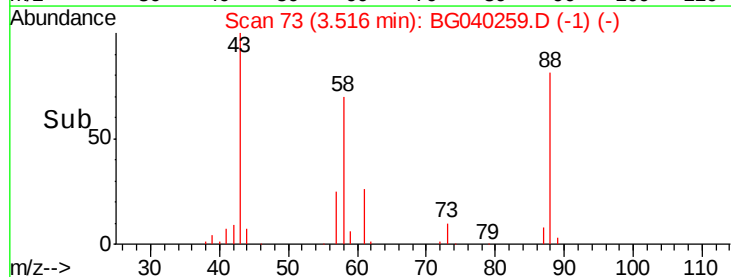
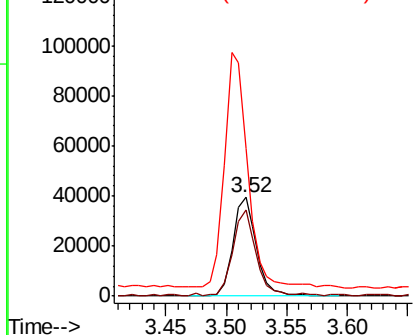
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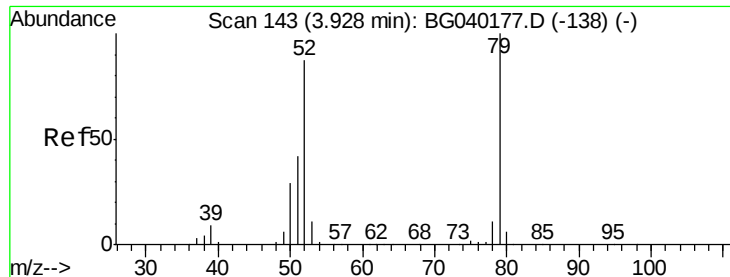
1,4-Dioxane
Concen: 32.520 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion: 88 Resp: 53105
Ion Ratio Lower Upper
88 100
58 83.2 70.6 106.0
43 238.0 24.8 37.2#



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





#3

Pyridine

Concen: 32.284 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

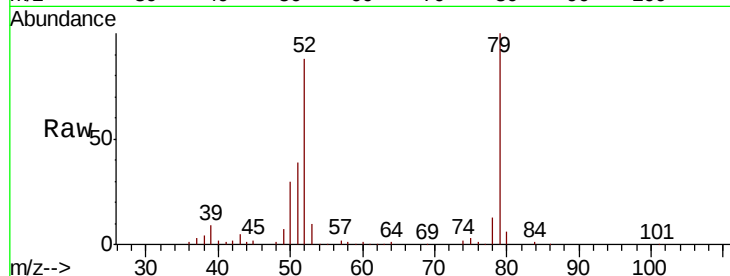
Tgt Ion: 79 Resp: 141948

Ion Ratio Lower Upper

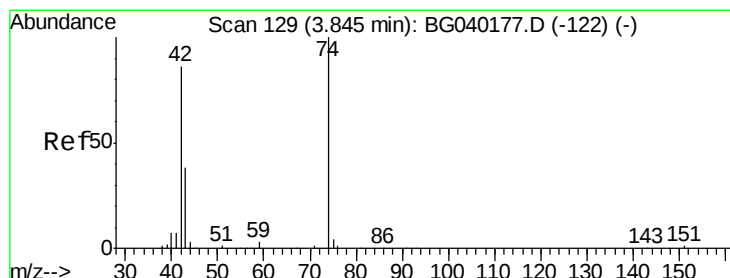
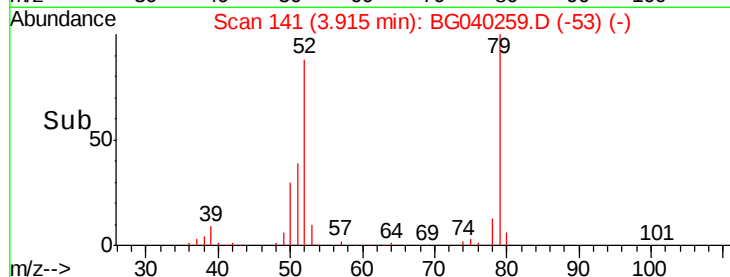
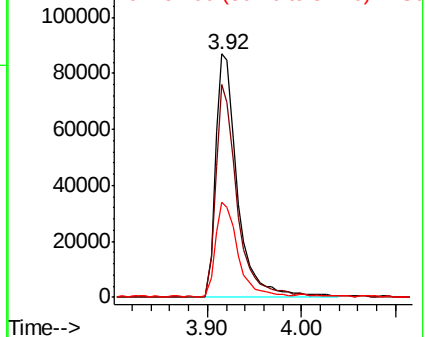
79 100

52 87.6 69.8 104.8

51 39.1 33.9 50.9



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: 34.498 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

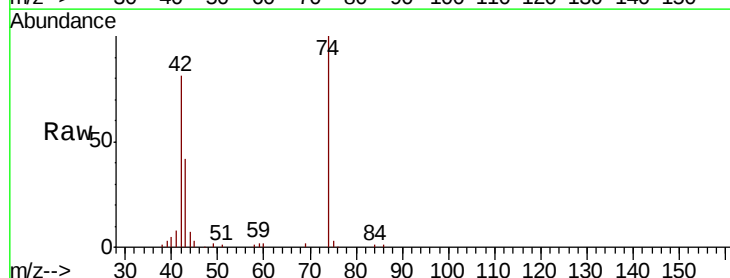
Tgt Ion: 42 Resp: 70163

Ion Ratio Lower Upper

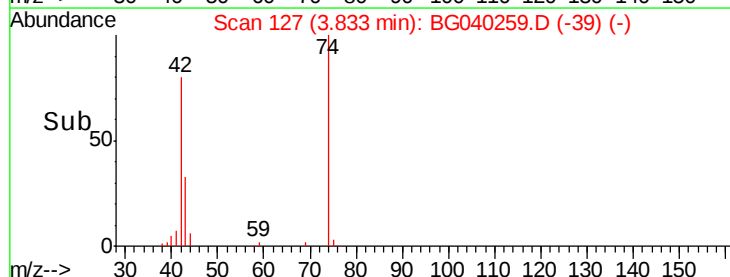
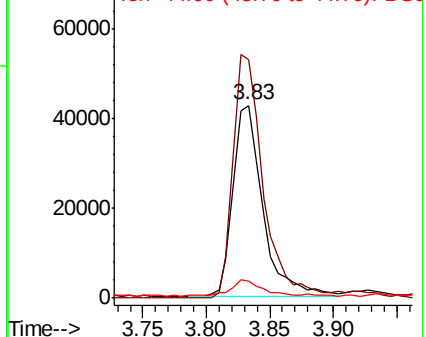
42 100

74 123.4 92.9 139.3

44 9.1 9.7 14.5#



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: 127.435 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

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ClientSampleId :

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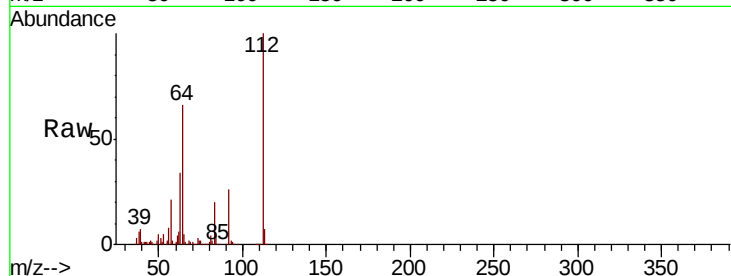
Tgt Ion: 112 Resp: 442570

Ion Ratio Lower Upper

112 100

64 65.7 54.2 81.2

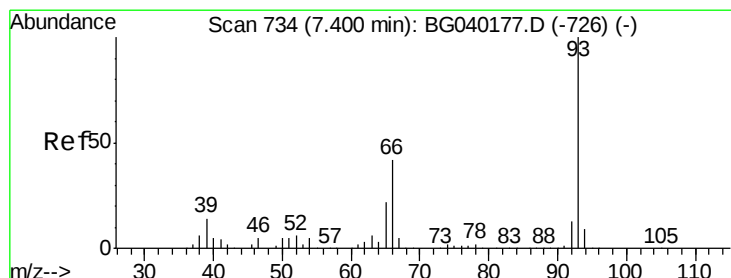
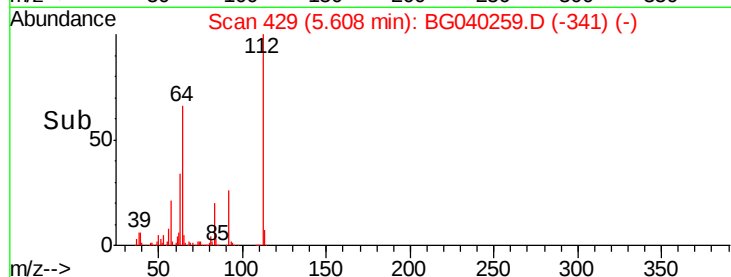
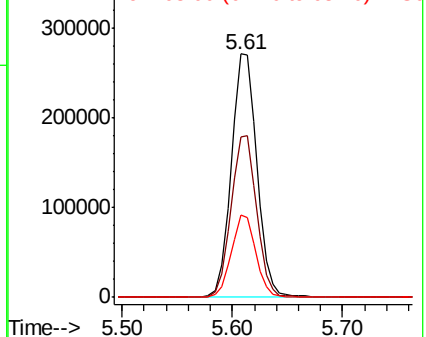
63 33.8 26.4 39.6



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: 14.482 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

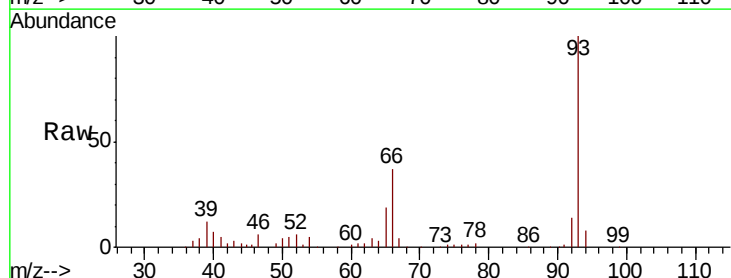
Tgt Ion: 93 Resp: 90308

Ion Ratio Lower Upper

93 100

66 37.2 33.6 50.4

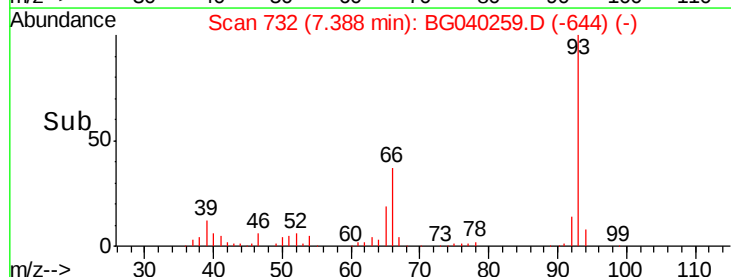
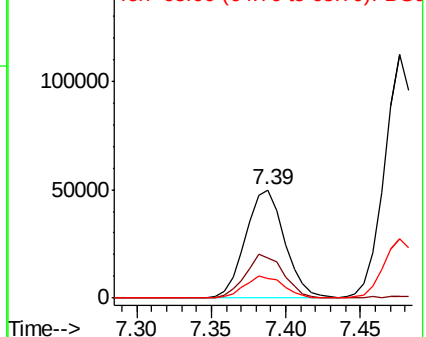
65 18.6 17.4 26.2

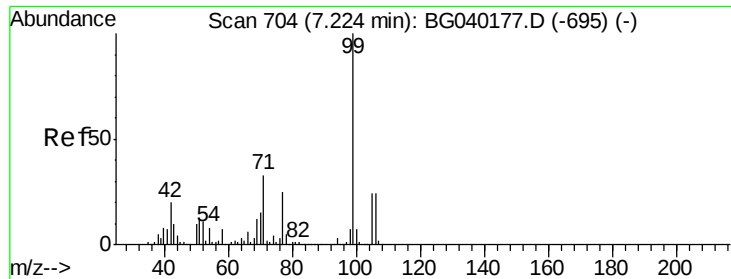


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.489 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040259.D

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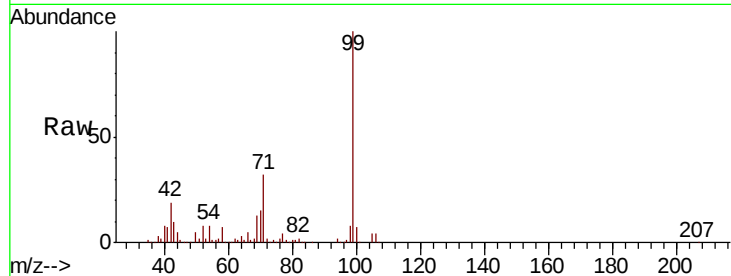
Tgt Ion: 99 Resp: 592697

Ion Ratio Lower Upper

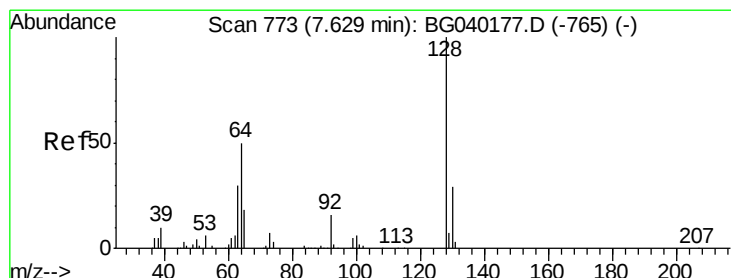
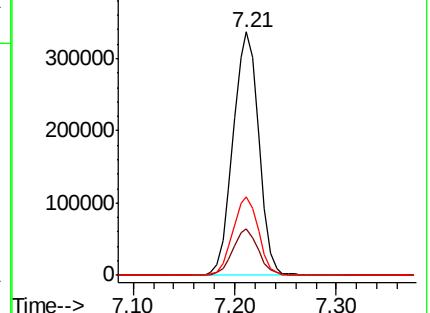
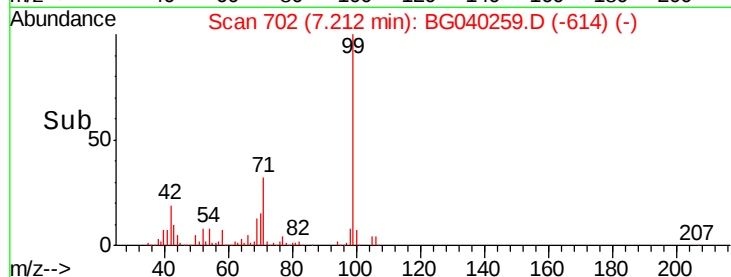
99 100

42 19.2 16.2 24.2

71 32.5 26.8 40.2



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



#8

2-Chlorophenol

Concen: 41.830 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

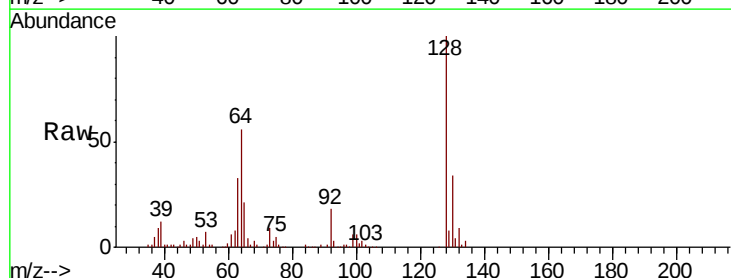
Tgt Ion: 128 Resp: 170056

Ion Ratio Lower Upper

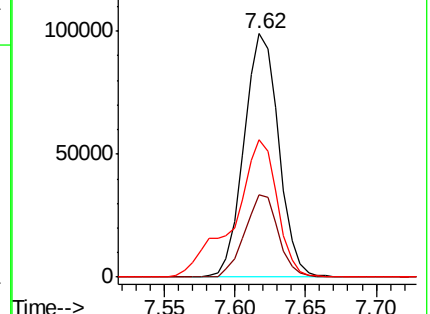
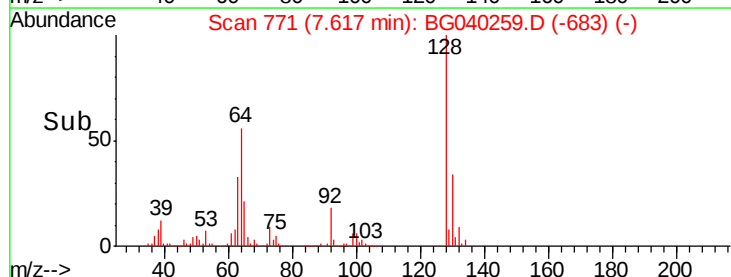
128 100

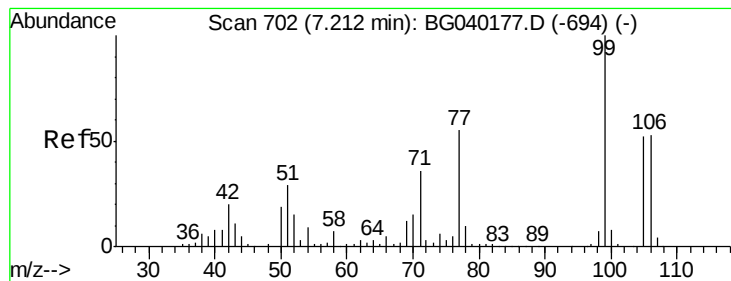
130 33.9 9.1 49.1

64 56.3 33.1 73.1



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





#9

Benzaldehyde

Concen: 11.159 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

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SU-02-032719-AMSD

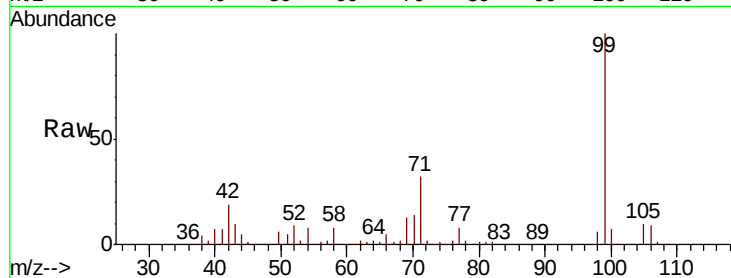
Tgt Ion: 77 Resp: 36739

Ion Ratio Lower Upper

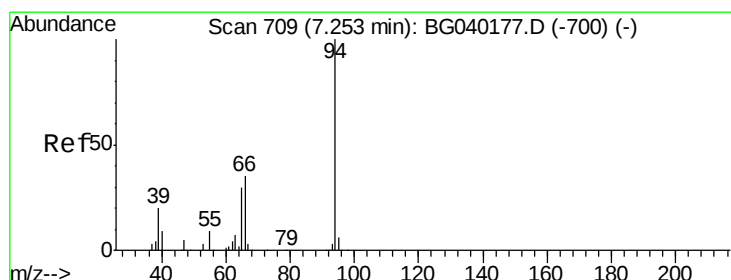
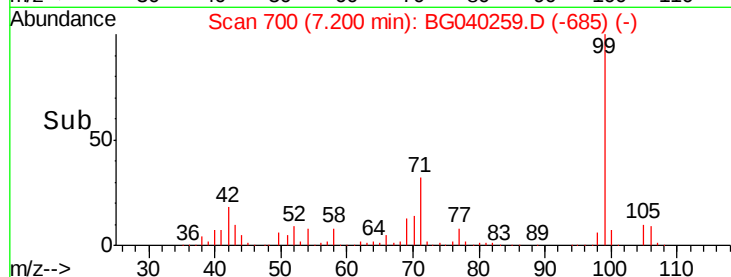
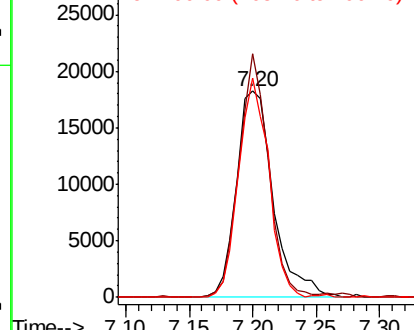
77 100

105 118.0 75.0 115.0#

106 106.0 75.7 115.7



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



#10

Phenol

Concen: 38.133 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

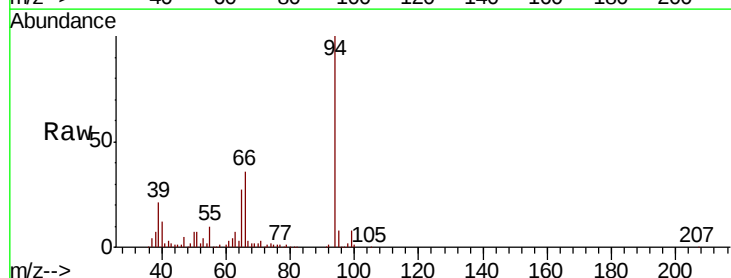
Tgt Ion: 94 Resp: 198656

Ion Ratio Lower Upper

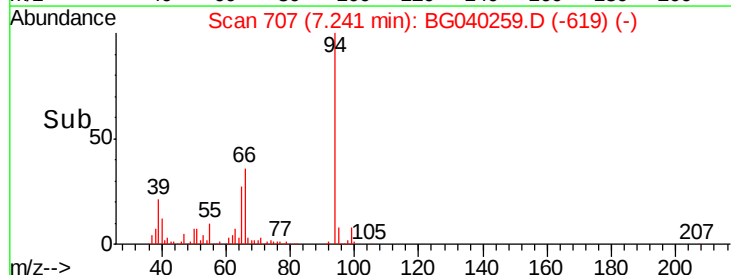
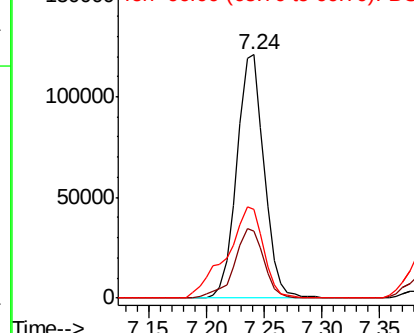
94 100

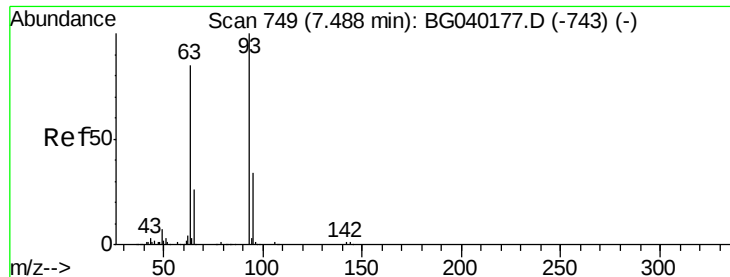
65 27.5 10.5 50.5

66 36.4 16.9 56.9



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

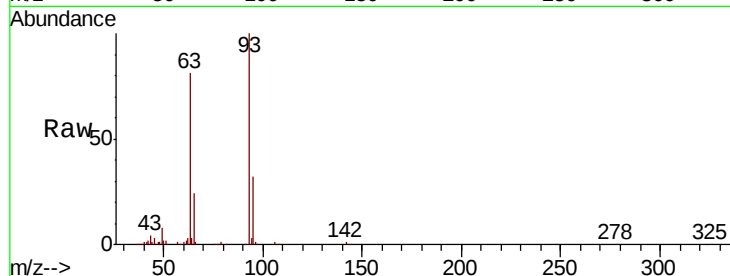




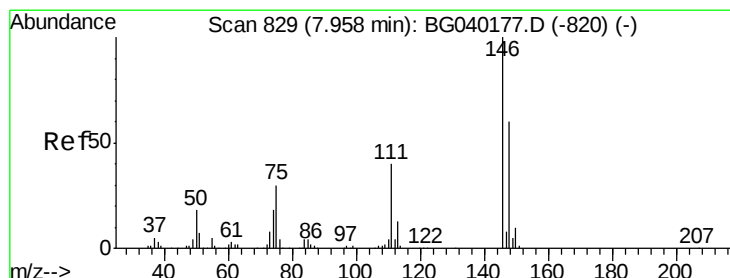
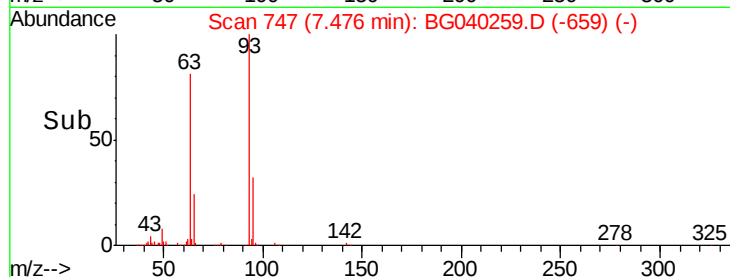
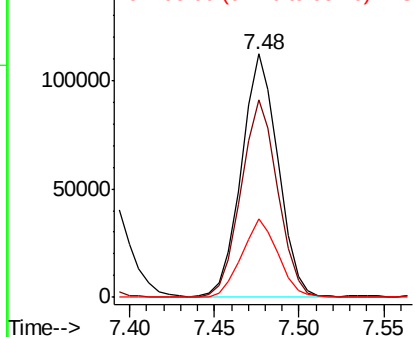
#11
bis(2-Chloroethyl)ether
Concen: 40.318 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion: 93 Resp: 168231
Ion Ratio Lower Upper
93 100
63 81.0 64.2 104.2
95 32.0 14.0 54.0

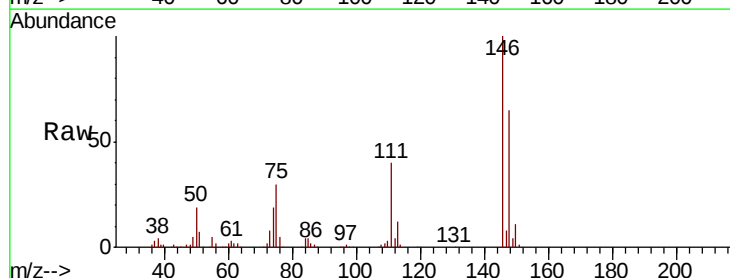


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

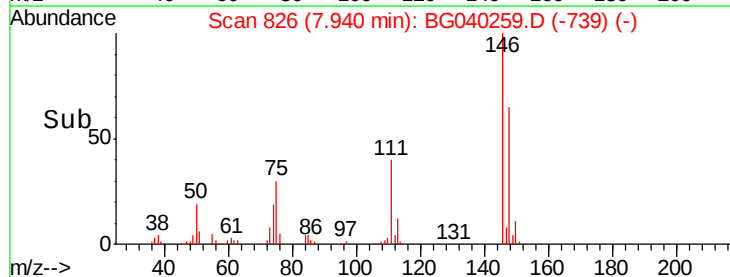
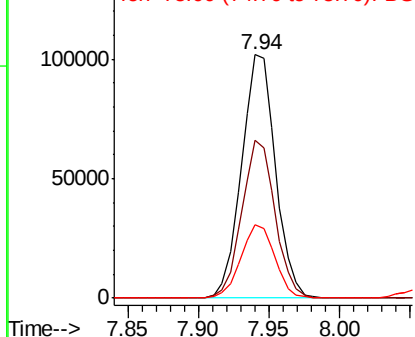


#12
1,3-Dichlorobenzene
Concen: 38.787 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion: 146 Resp: 171412
Ion Ratio Lower Upper
146 100
148 64.6 48.2 72.2
75 30.0 24.1 36.1



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

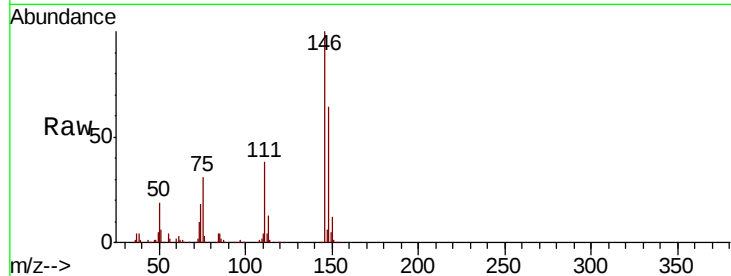




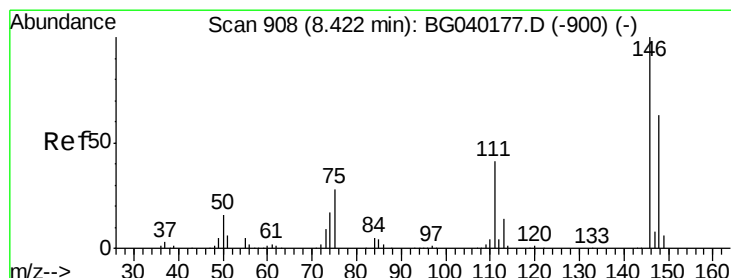
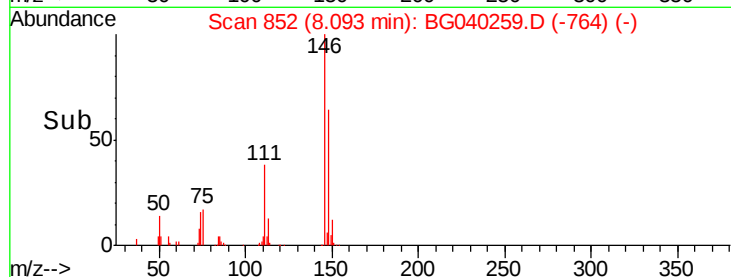
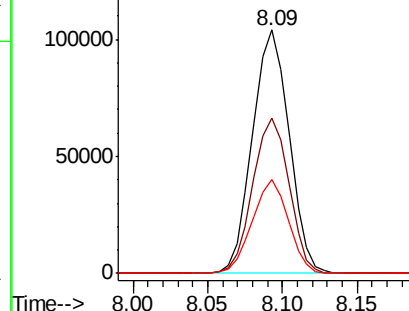
#13
 1,4-Dichlorobenzene
 Concen: 40.120 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

Tgt Ion:146 Resp: 176592
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 38.4 31.8 47.6

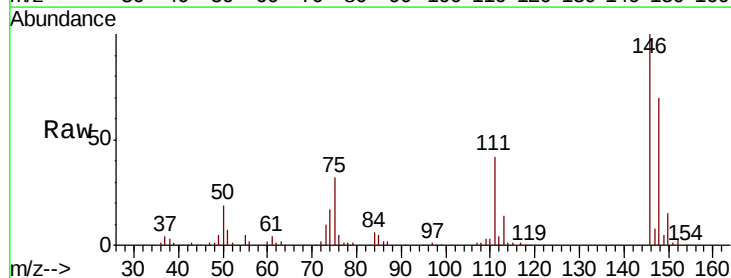


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

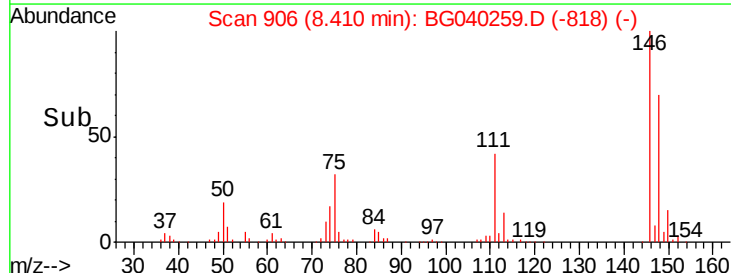
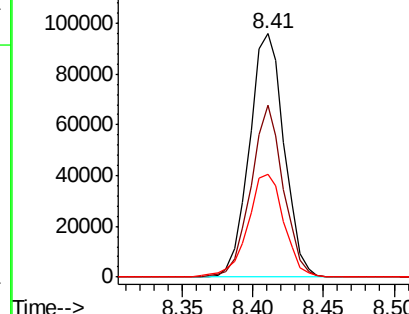


#14
 1,2-Dichlorobenzene
 Concen: 39.299 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion:146 Resp: 165415
 Ion Ratio Lower Upper
 146 100
 148 70.4 50.8 76.2
 111 42.4 33.4 50.0



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: 41.695 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

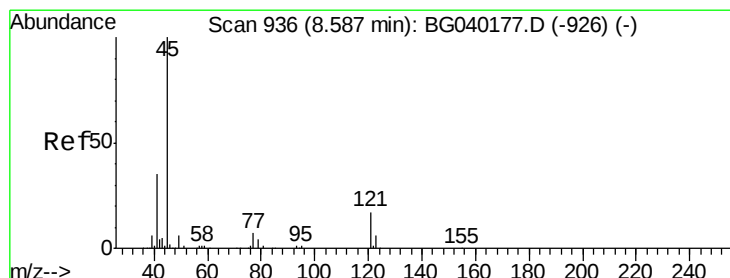
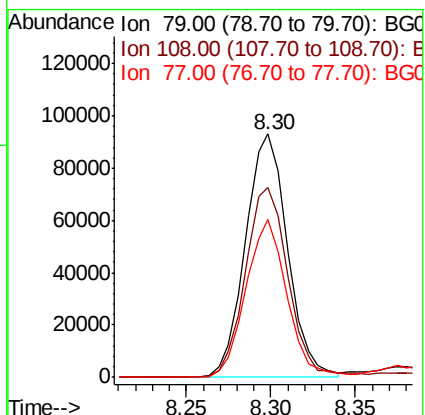
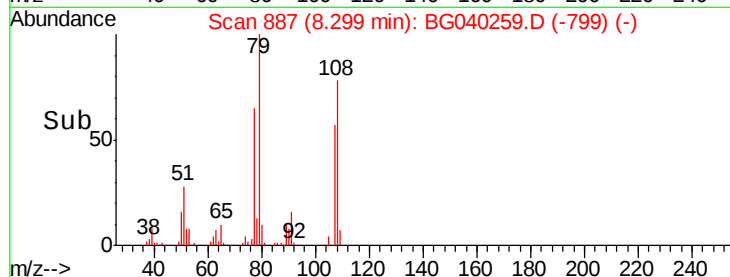
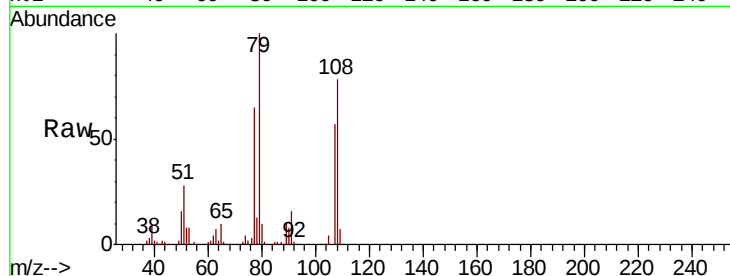
Tgt Ion: 79 Resp: 161165

Ion Ratio Lower Upper

79 100

108 77.8 62.1 93.1

77 64.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.226 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

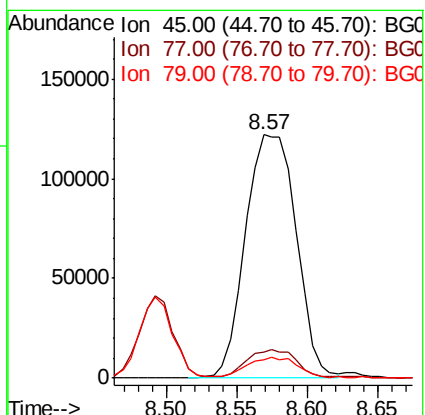
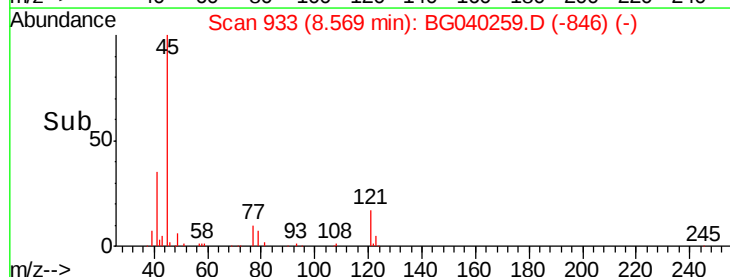
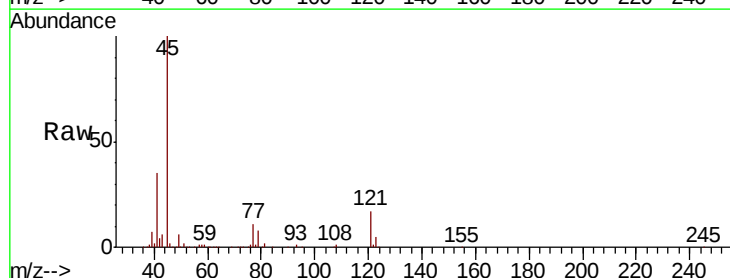
Tgt Ion: 45 Resp: 306112

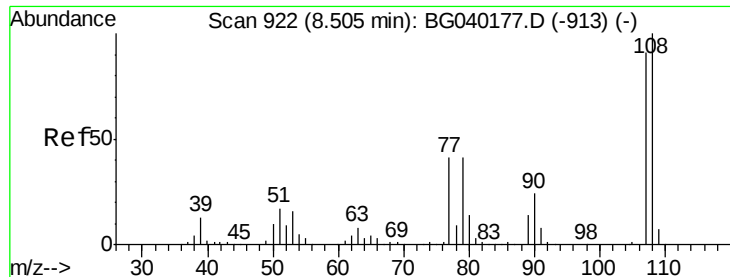
Ion Ratio Lower Upper

45 100

77 10.5 0.0 31.4

79 7.7 0.0 28.3

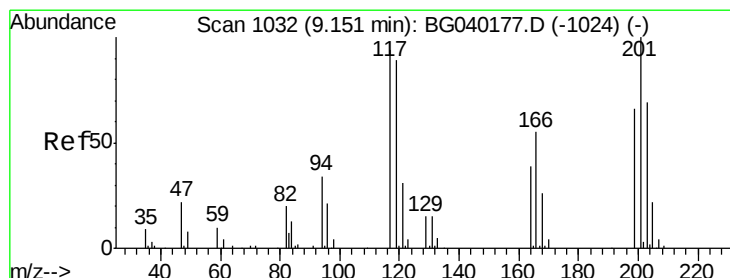
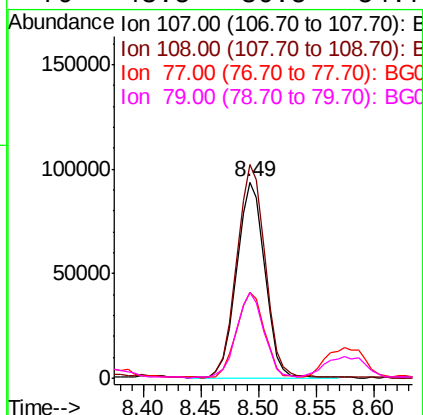
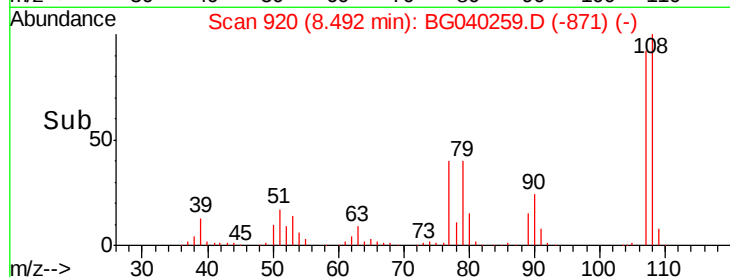
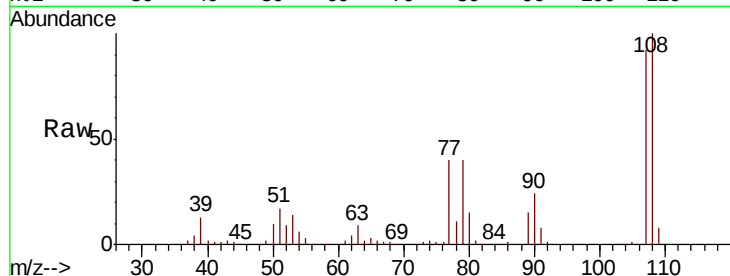




#17
2-Methylphenol
Concen: 43.856 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

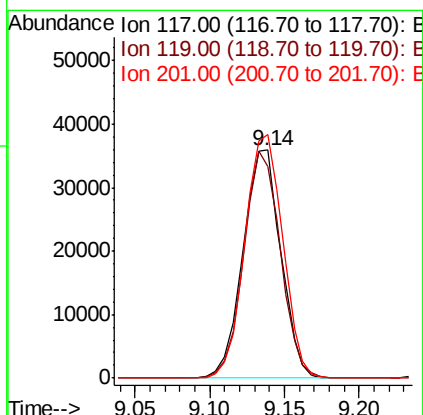
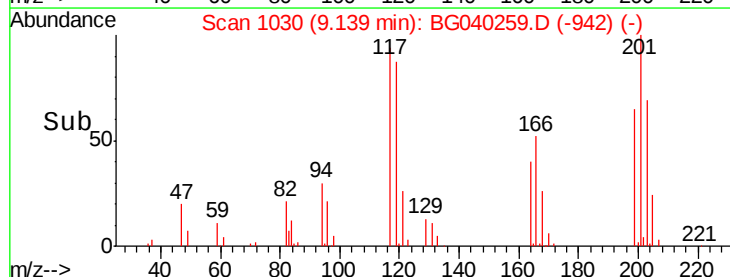
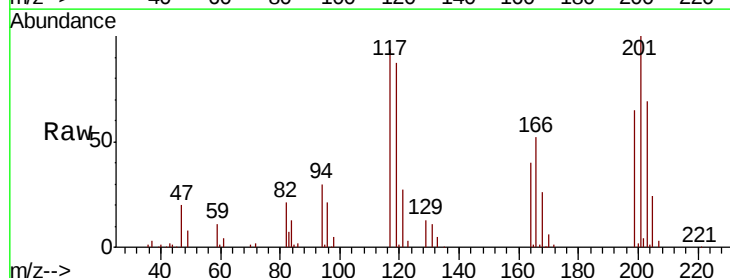
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

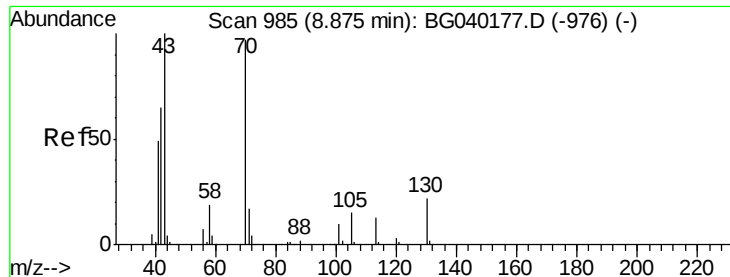
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.2	132.4
77	43.9	36.6	55.0
79	43.5	36.5	54.7



#18
Hexachloroethane
Concen: 37.536 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.6	115.0
201	106.9	85.0	127.4

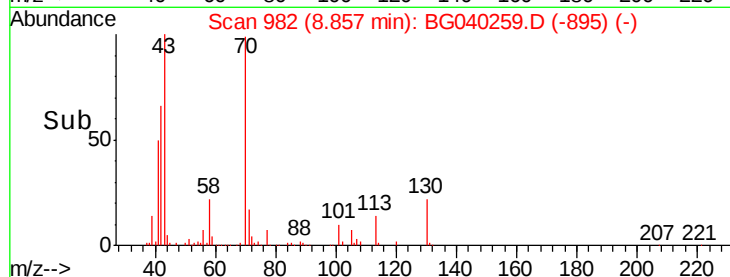
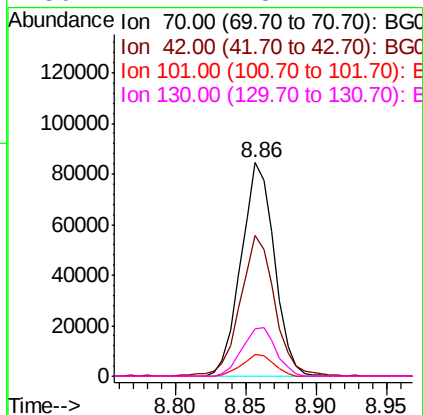
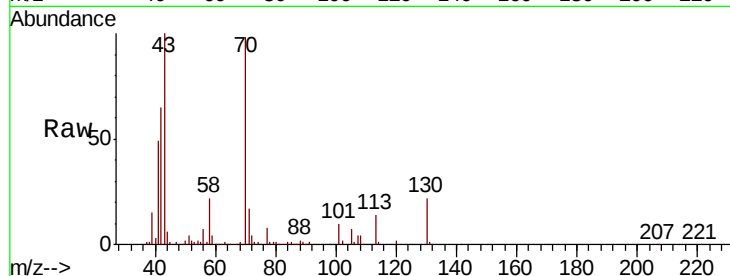




#19
n-Nitroso-di-n-propylamine
Concen: 40.514 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

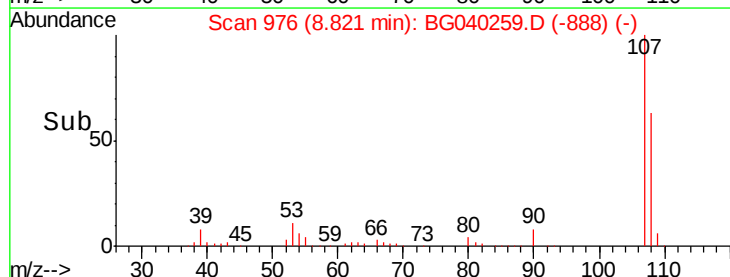
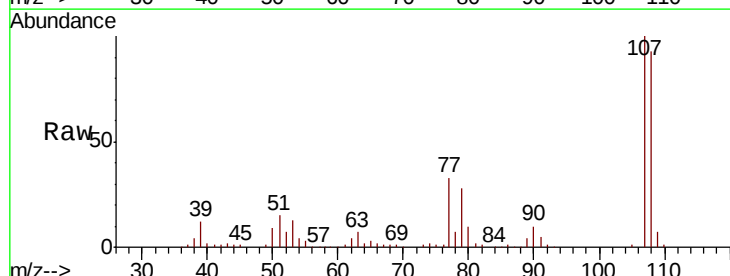
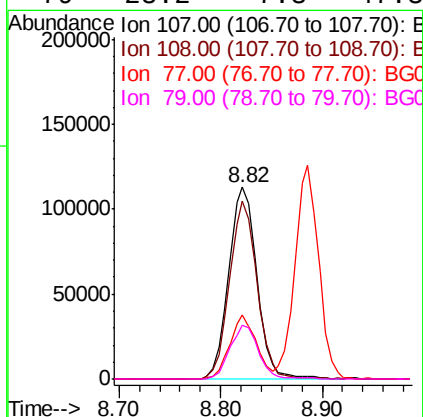
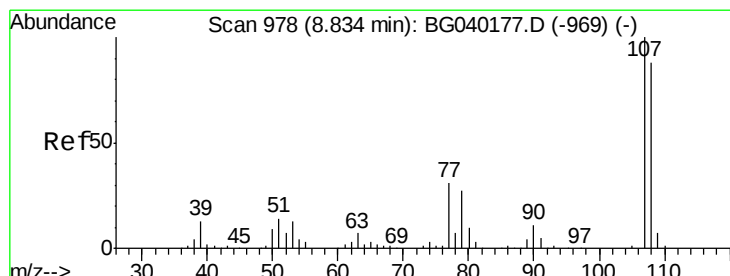
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion:	70	Resp:	139416
Ion	Ratio	Lower	Upper
70	100		
42	66.0	54.0	81.0
101	10.1	8.6	13.0
130	22.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.765 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion:	107	Resp:	218615
Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.3	108.3
77	33.4	11.3	51.3
79	28.2	7.3	47.3

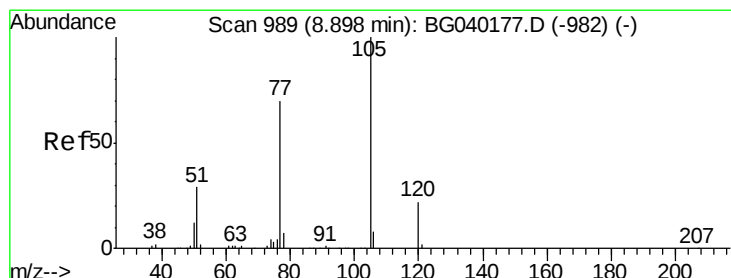
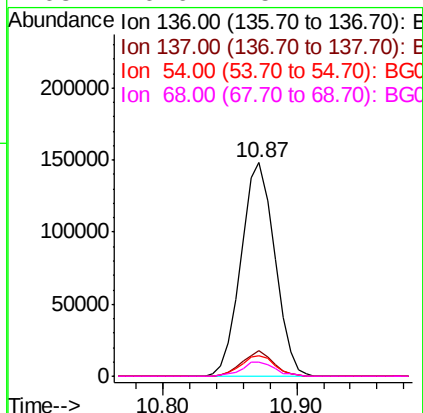
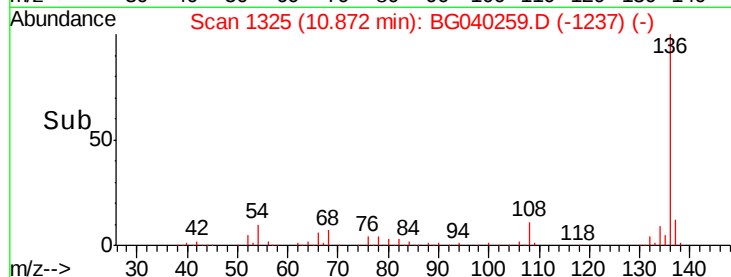
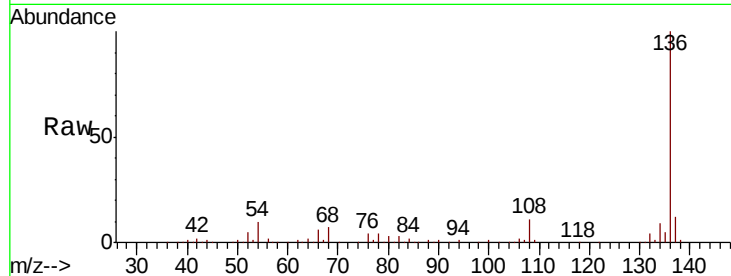




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

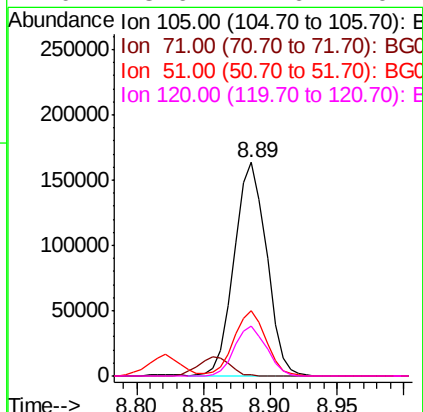
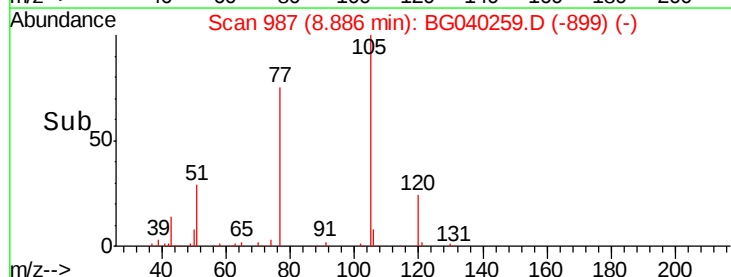
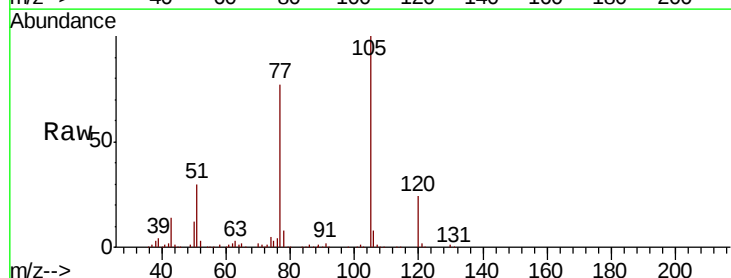
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

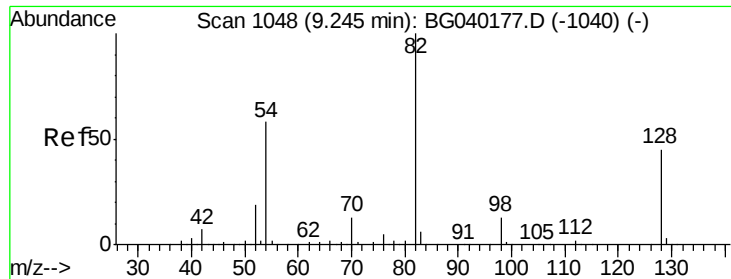
Tgt Ion:	136	Resp:	259668
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	9.9	9.6	14.4
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 42.585 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion:	105	Resp:	275836
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	30.3	25.1	37.7
120	23.6	17.6	26.4

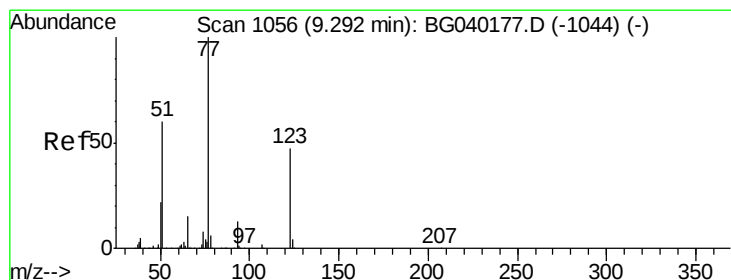
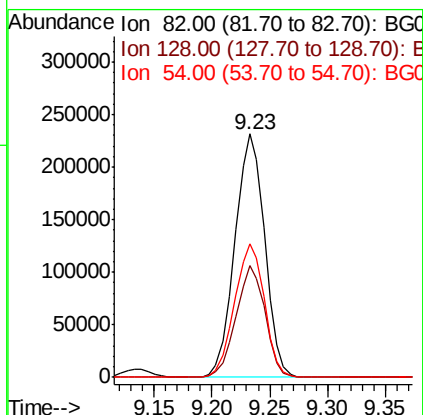
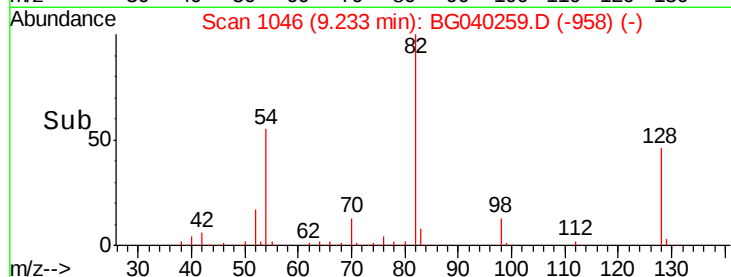
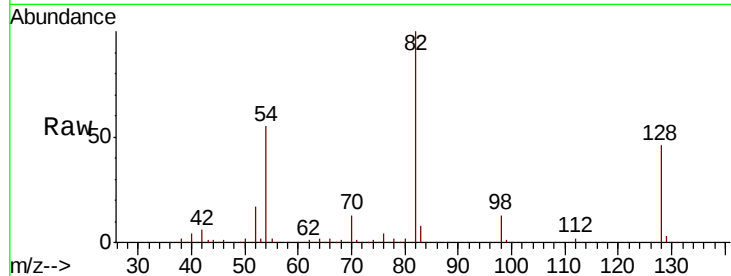




#23
 Nitrobenzene-d5
 Concen: 84.416 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

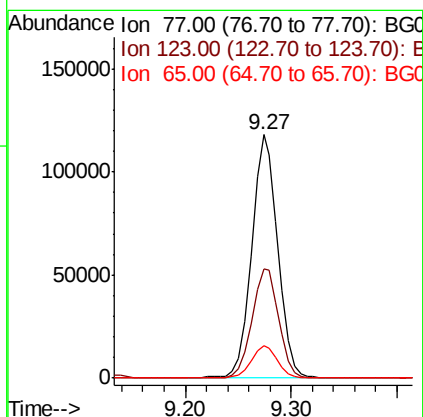
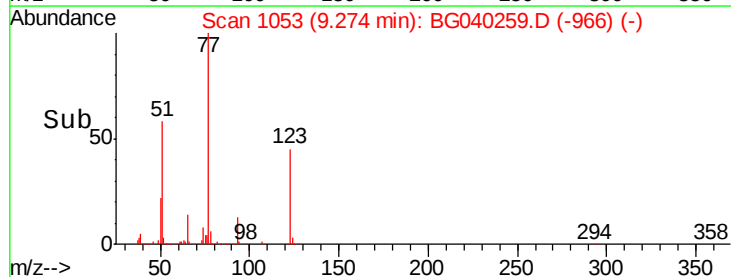
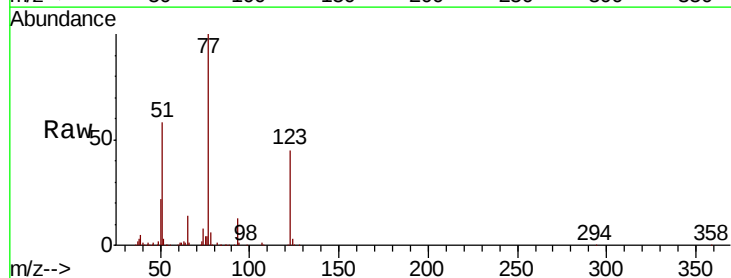
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

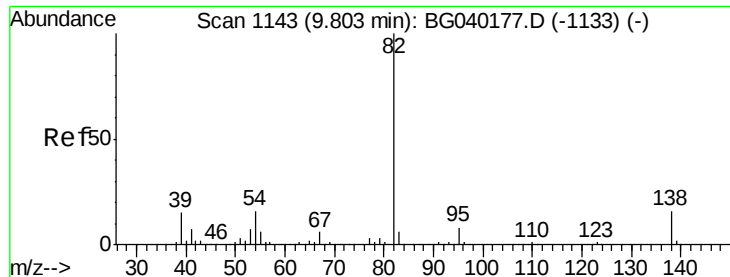
Tgt Ion: 82 Resp: 412393
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.8 53.8
 54 54.7 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.982 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion: 77 Resp: 202261
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.8 56.6
 65 13.5 12.0 18.0





#25

Isophorone

Concen: 41.845 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

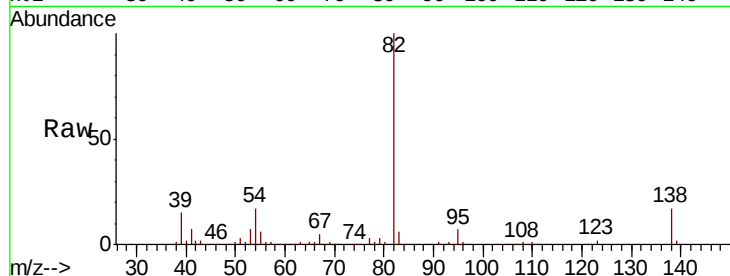
Tgt Ion: 82 Resp: 420613

Ion Ratio Lower Upper

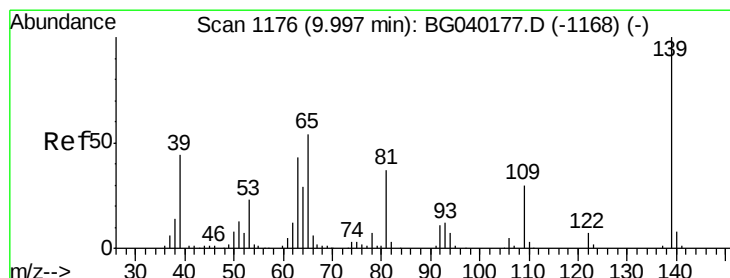
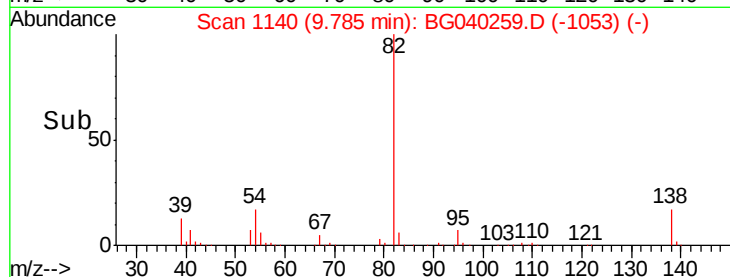
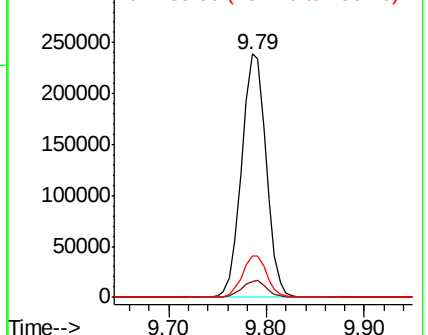
82 100

95 6.7 6.1 9.1

138 17.0 13.2 19.8



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



#26

2-Nitrophenol

Concen: 40.660 ng

RT: 9.98 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

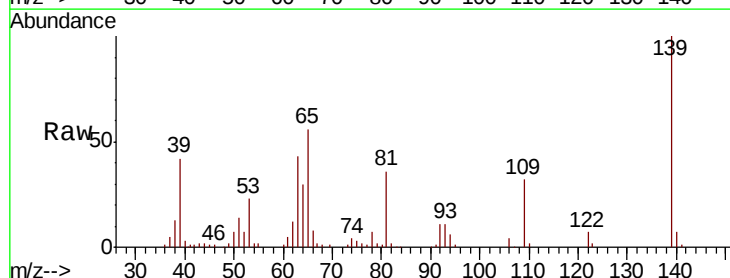
Tgt Ion: 139 Resp: 97464

Ion Ratio Lower Upper

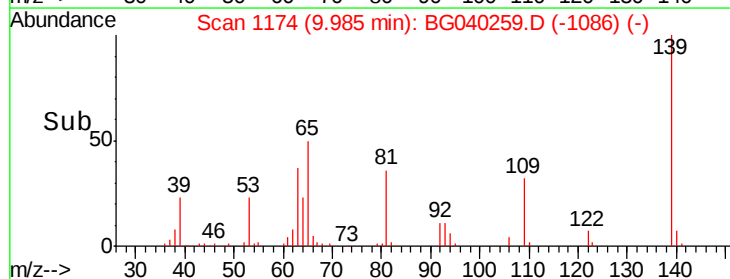
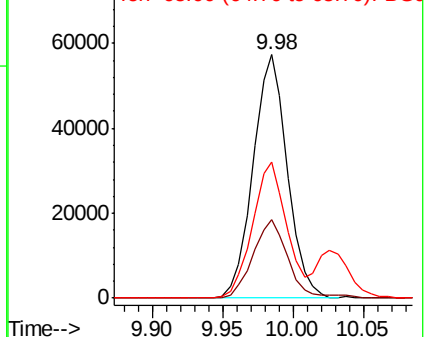
139 100

109 32.4 24.1 36.1

65 55.9 43.0 64.6



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

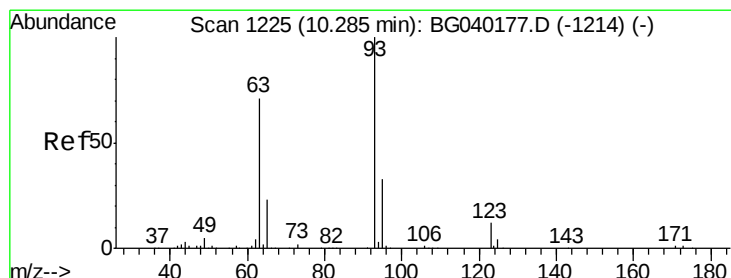
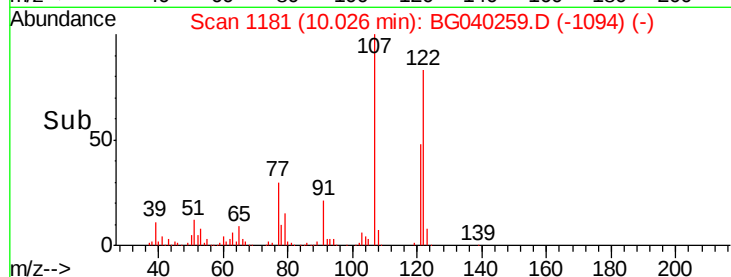
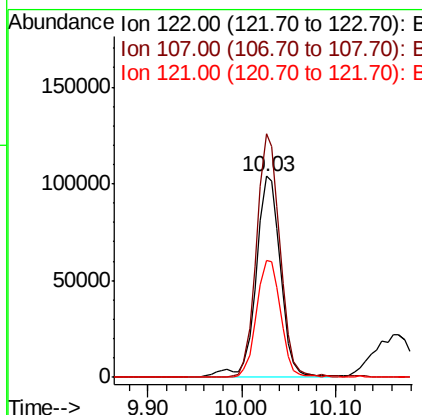
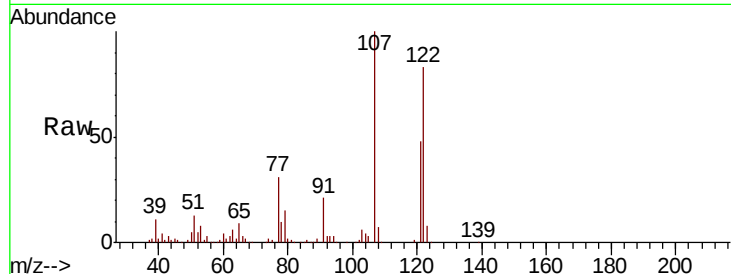




#27
2,4-Dimethylphenol
Concen: 49.406 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

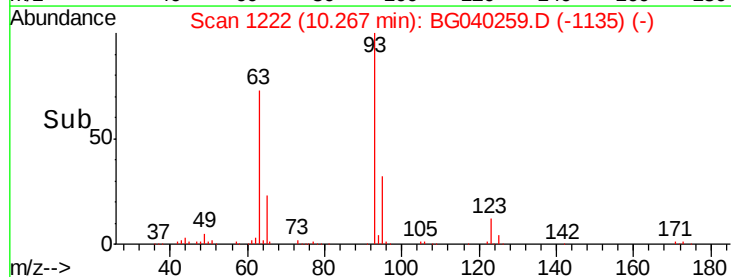
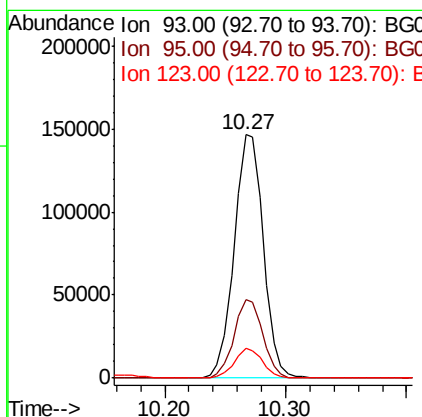
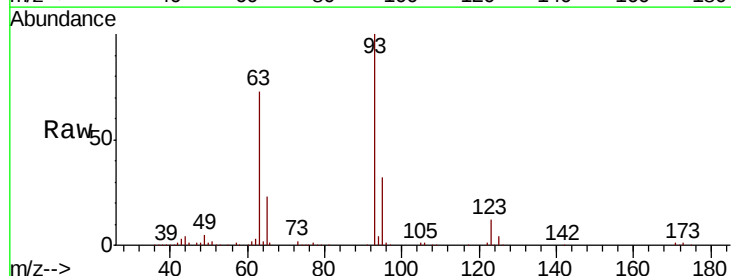
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

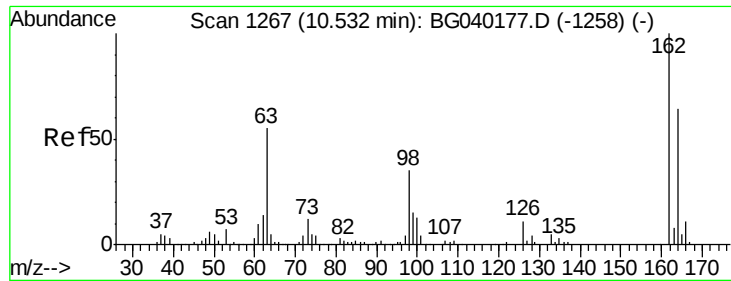
Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.2	97.4	146.2
121	58.0	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.477 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	12.2	9.4	14.0

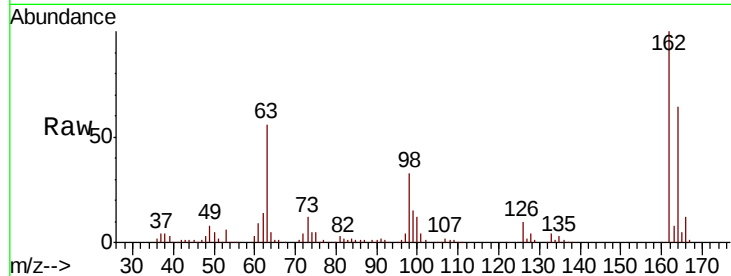




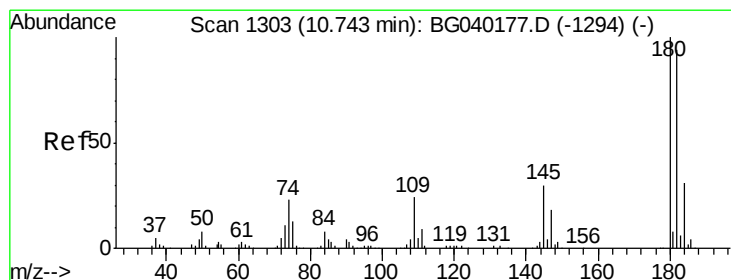
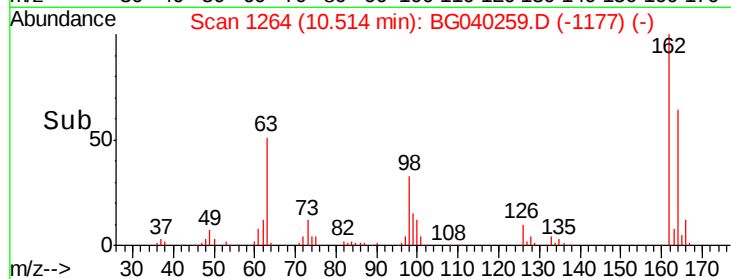
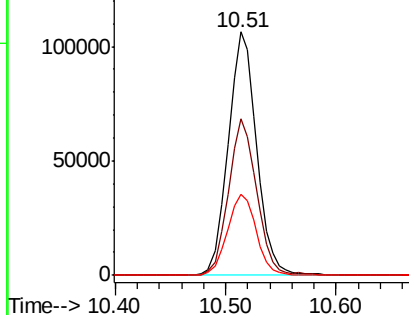
#29
 2,4-Dichlorophenol
 Concen: 46.495 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.9	83.9
98	33.4	15.6	55.6

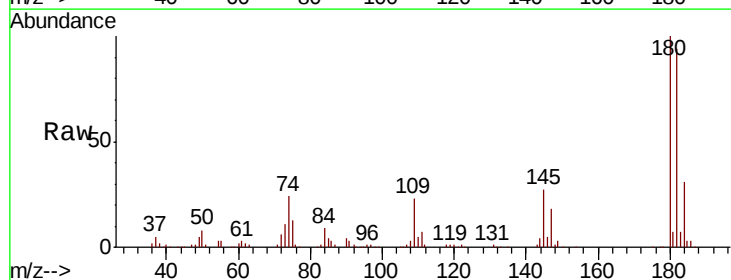


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

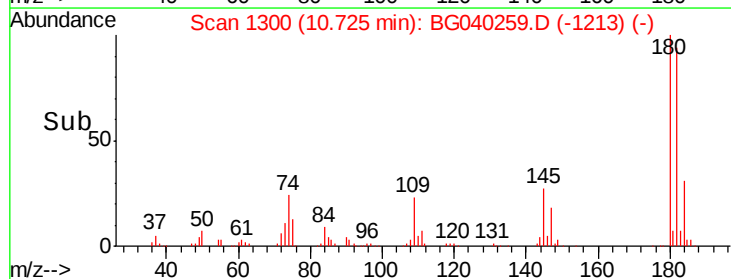
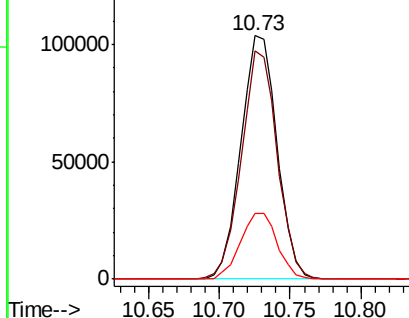


#30
 1,2,4-Trichlorobenzene
 Concen: 41.048 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	27.2	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

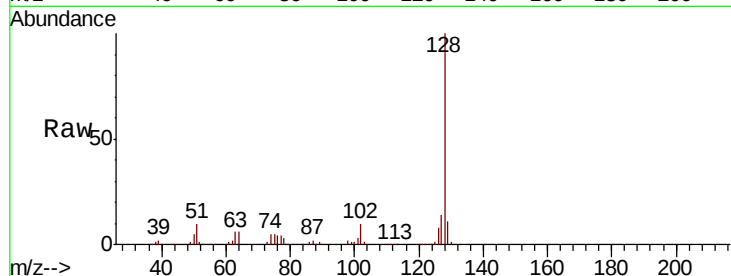




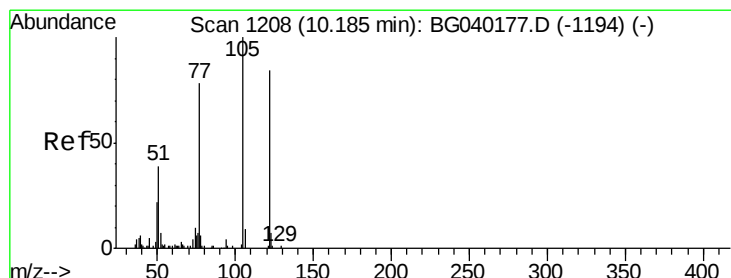
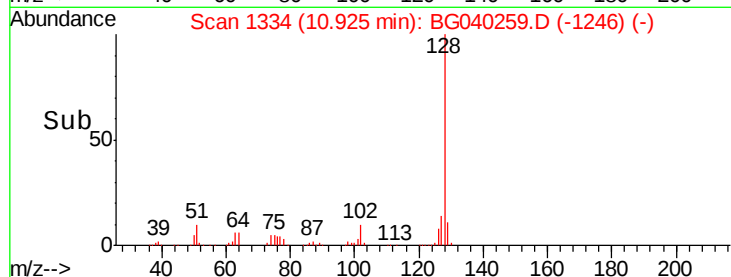
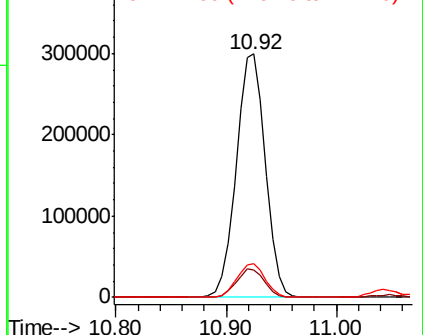
#31
Naphthalene
Concen: 41.393 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	11.4	17.0

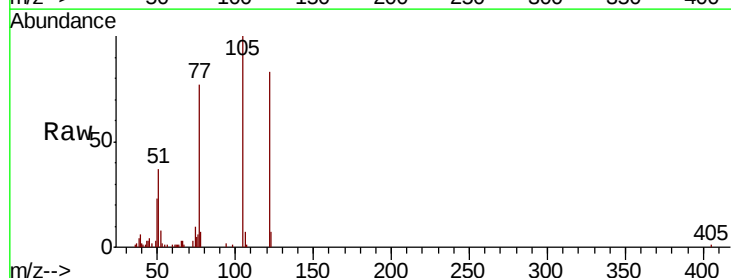


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

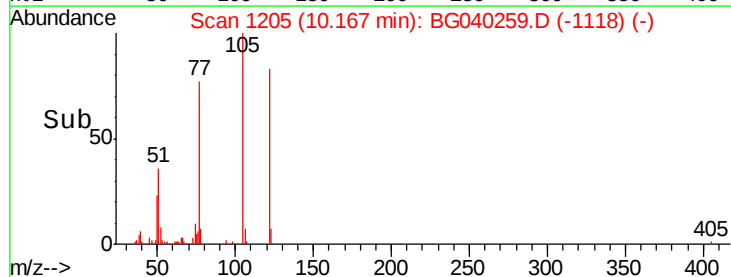
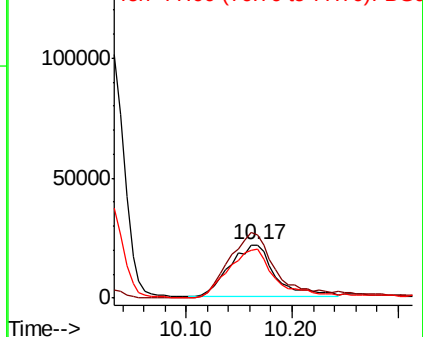


#32
Benzoic acid
Concen: 28.060 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	98.2	138.2
77	92.9	73.6	113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

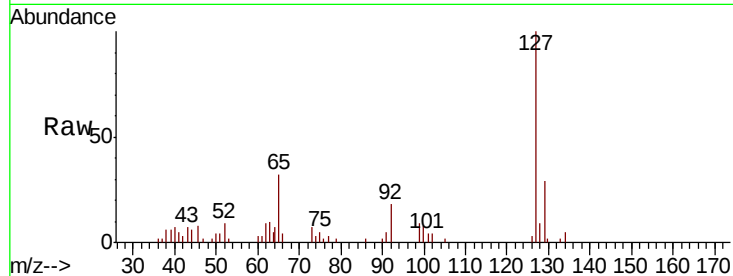




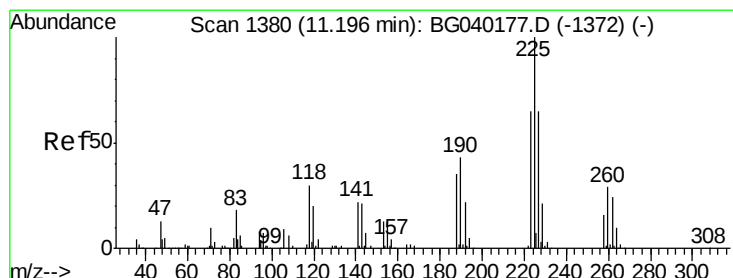
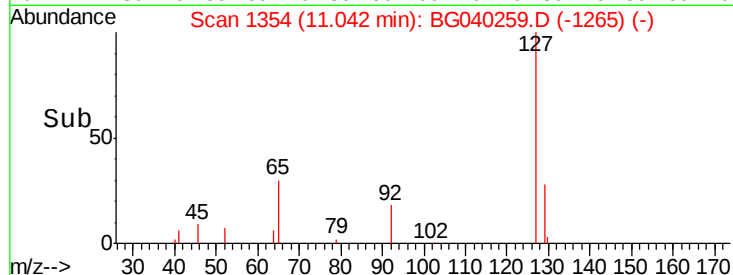
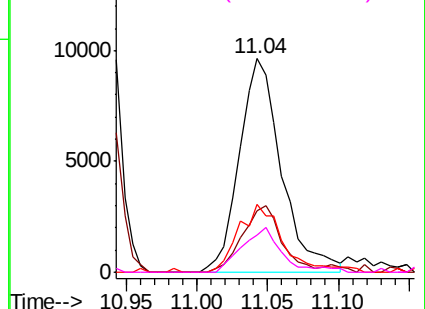
#33
4-Chloroaniline
Concen: 3.545 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion:	127	Resp:	20126
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	40.0
65	32.0	27.0	40.4
92	17.7	16.6	25.0

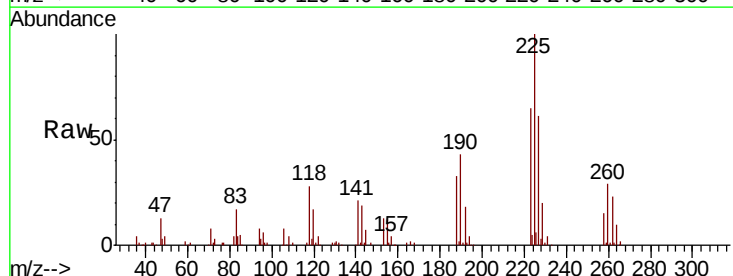


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

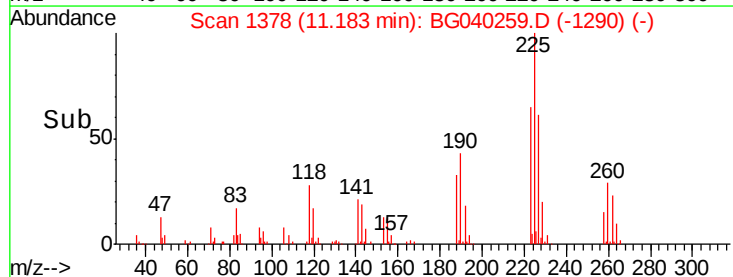
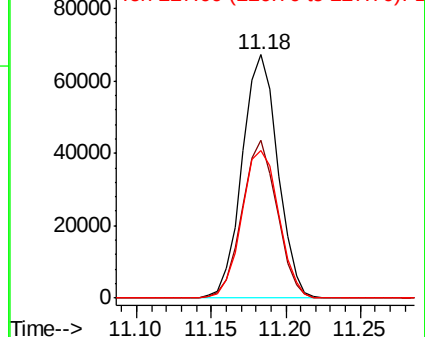


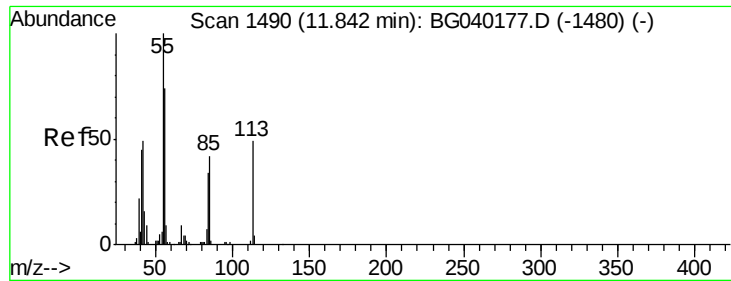
#34
Hexachlorobutadiene
Concen: 38.341 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion:	225	Resp:	111278
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	63.8	54.9	82.3



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: 17.429 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

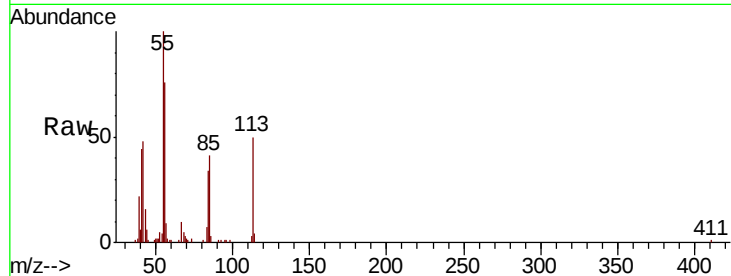
Tgt Ion:113 Resp: 28586

Ion Ratio Lower Upper

113 100

55 201.3 184.2 224.2

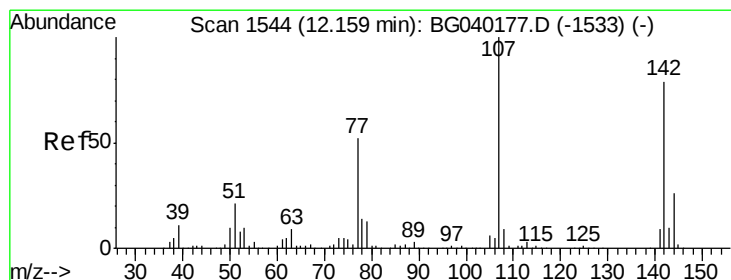
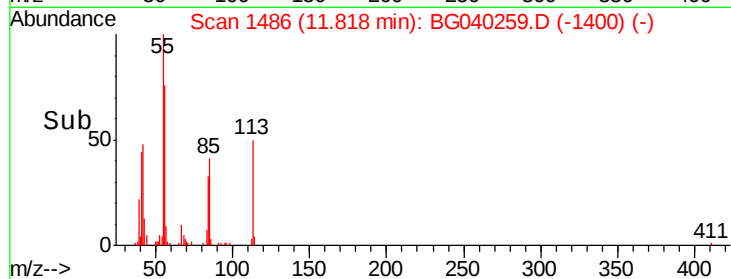
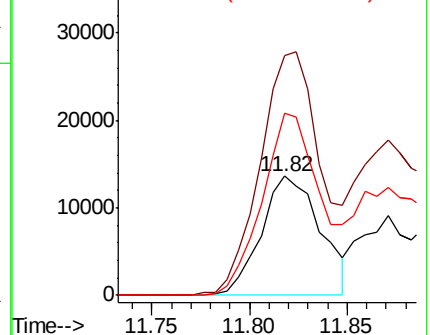
56 153.5 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.047 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

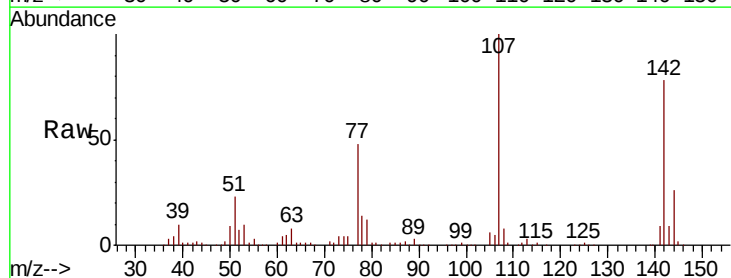
Tgt Ion:107 Resp: 223532

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

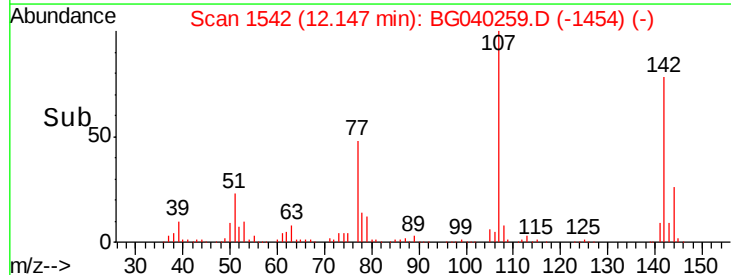
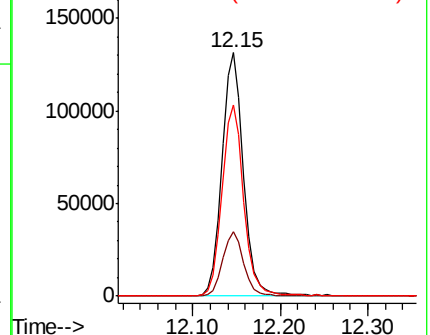
142 78.2 63.1 94.7

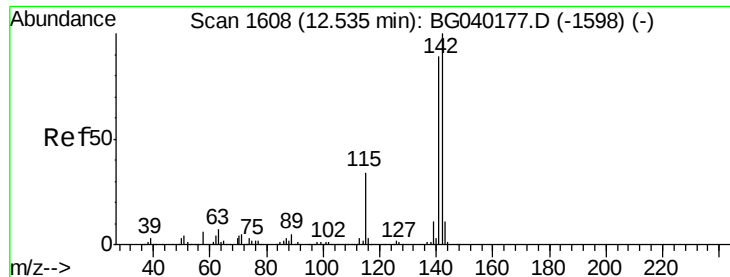


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

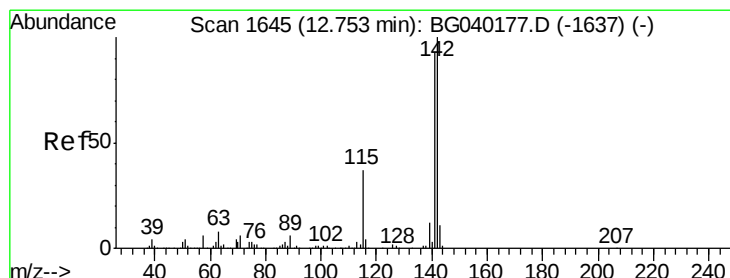
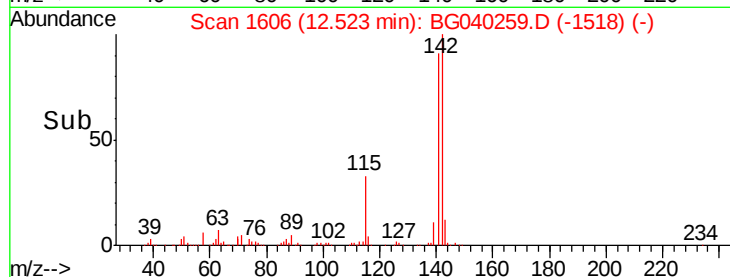
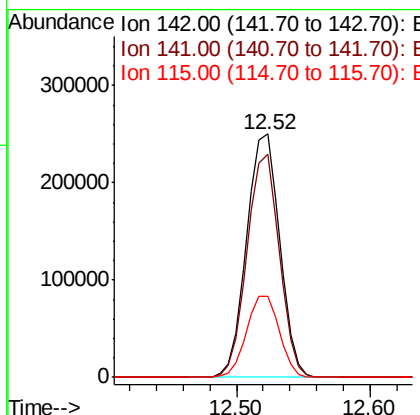
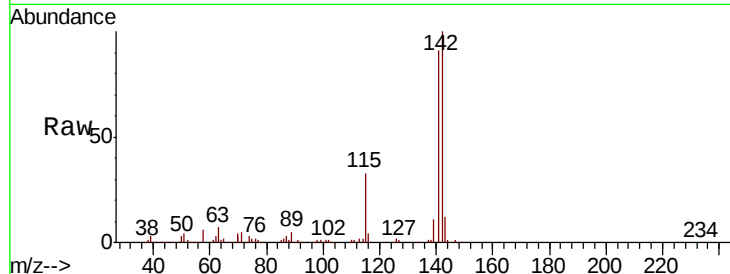




#37
 2-Methylnaphthalene
 Concen: 43.382 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

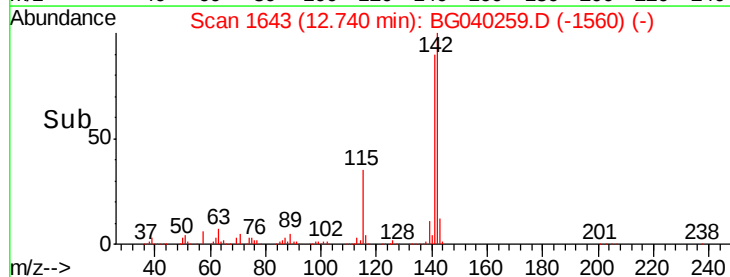
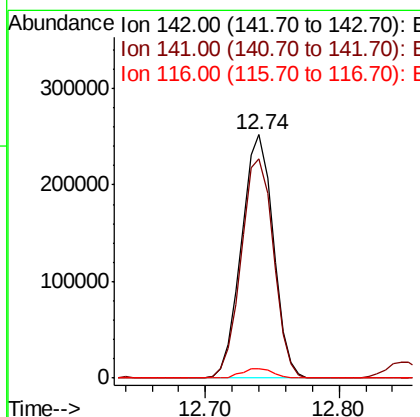
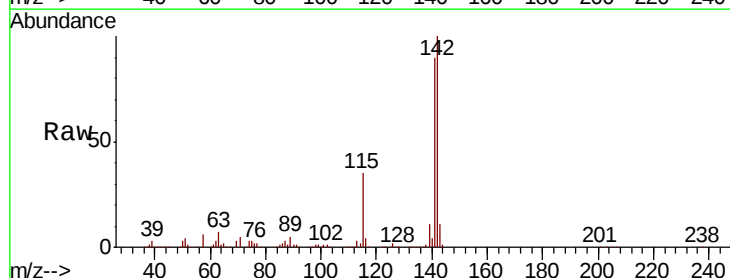
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

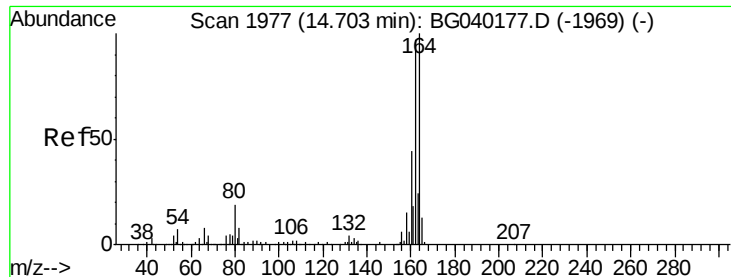
Tgt Ion:142 Resp: 427043
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.0 106.6
 115 33.1 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 43.450 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion:142 Resp: 414756
 Ion Ratio Lower Upper
 142 100
 141 90.3 74.2 111.4
 116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

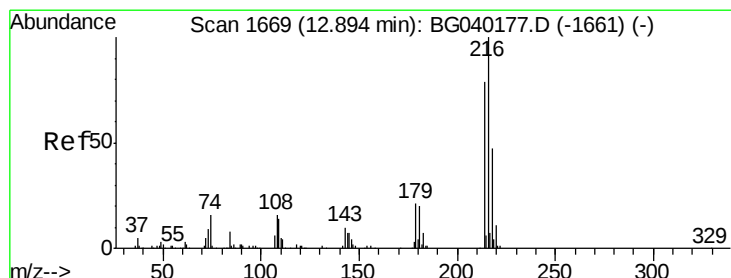
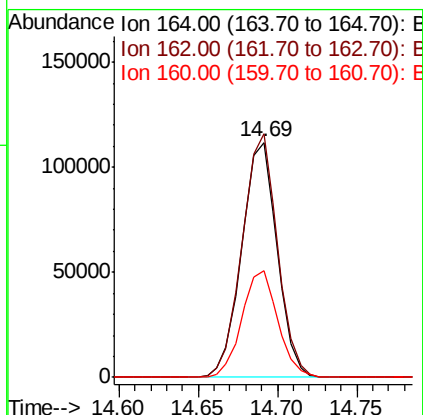
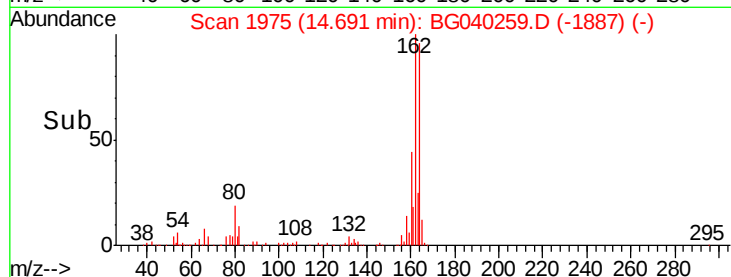
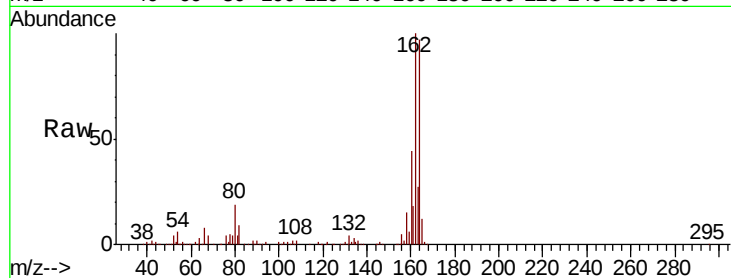
Tgt Ion:164 Resp: 173504

Ion Ratio Lower Upper

164 100

162 103.6 77.4 116.2

160 45.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.869 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Tgt Ion:216 Resp: 219858

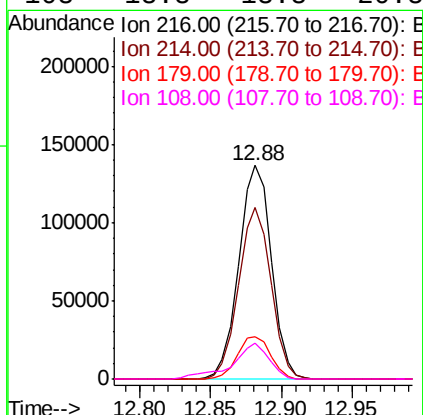
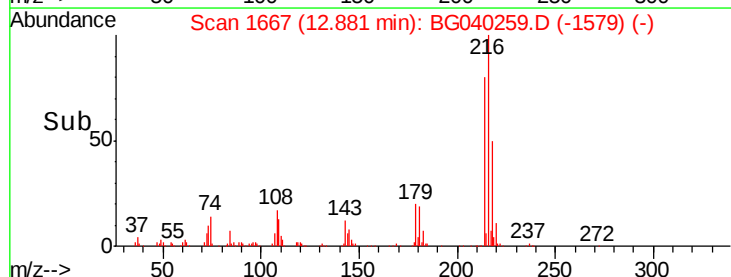
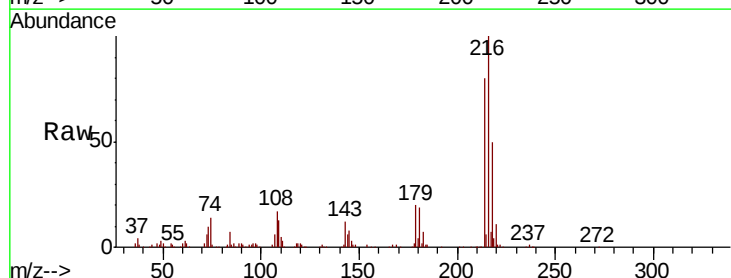
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.5 16.6 25.0

108 18.8 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 81.684 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

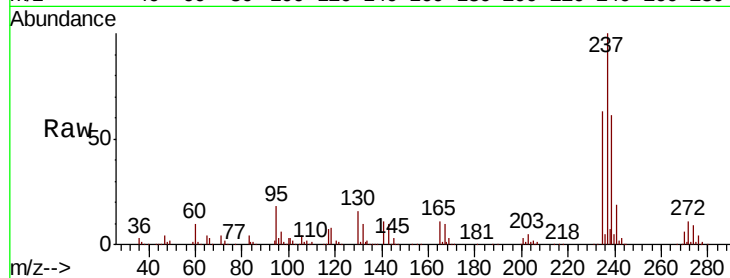
Tgt Ion: 237 Resp: 247331

Ion Ratio Lower Upper

237 100

235 63.2 46.2 86.2

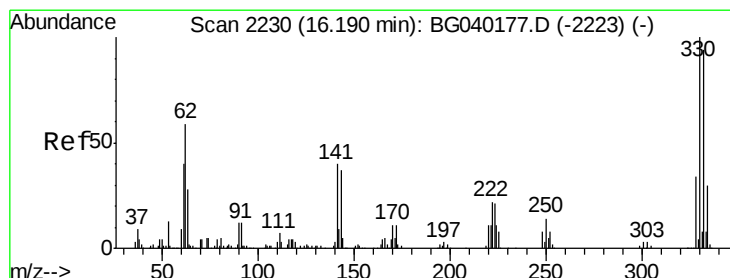
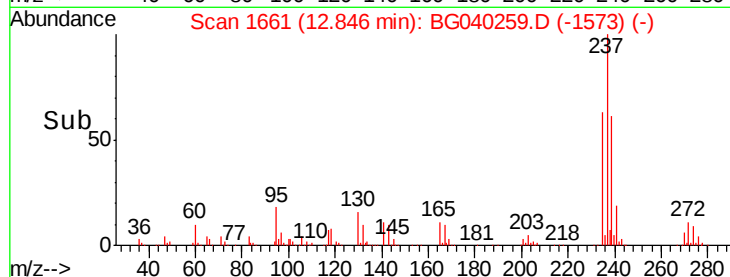
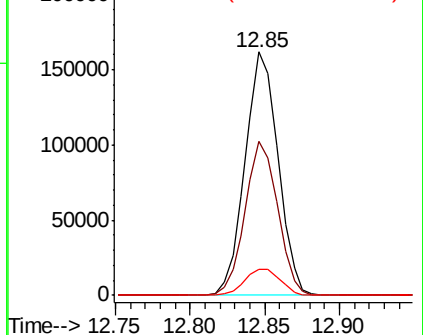
272 10.7 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.227 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

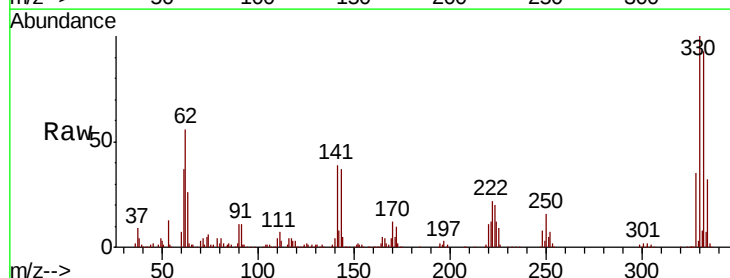
Tgt Ion: 330 Resp: 296696

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

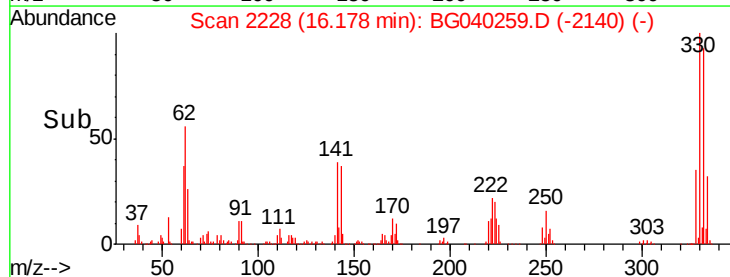
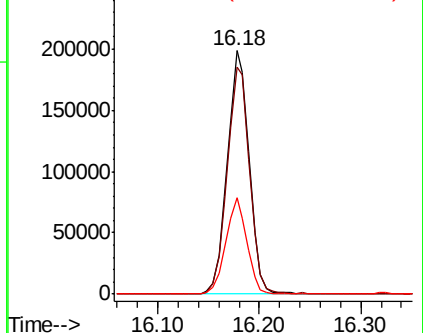
141 38.2 32.6 48.8



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

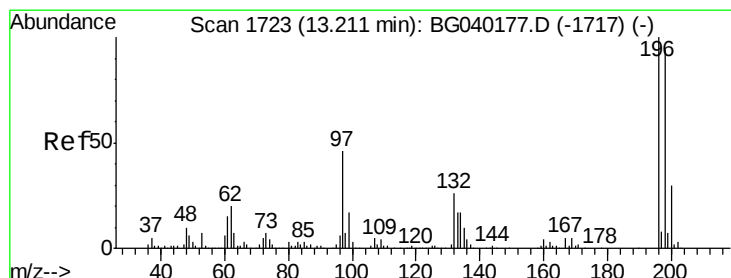
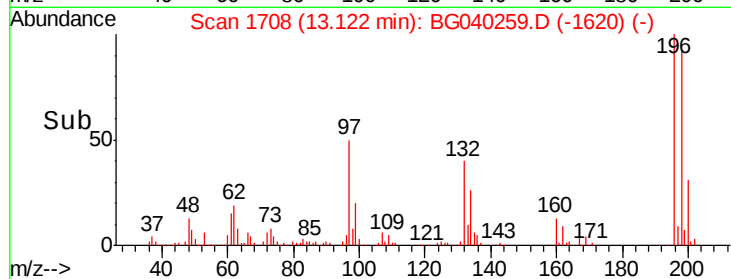
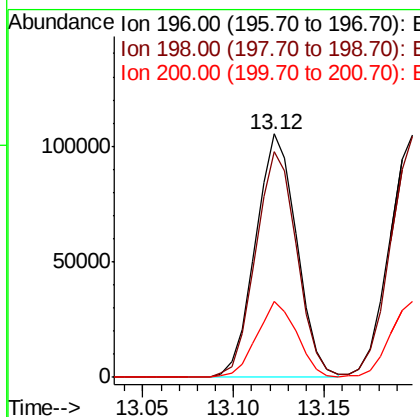
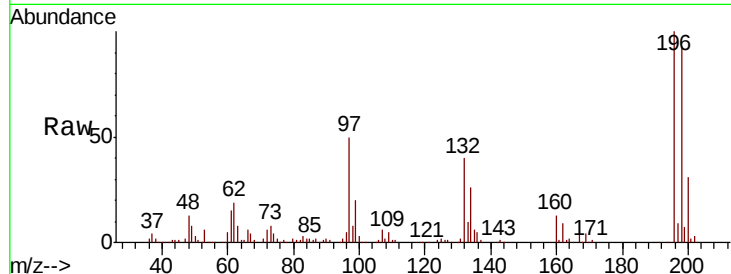




#43
 2,4,6-Trichlorophenol
 Concen: 46.880 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

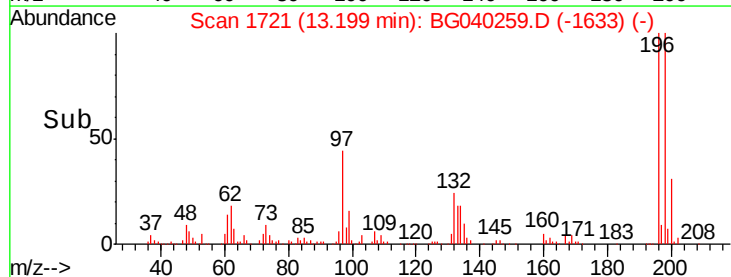
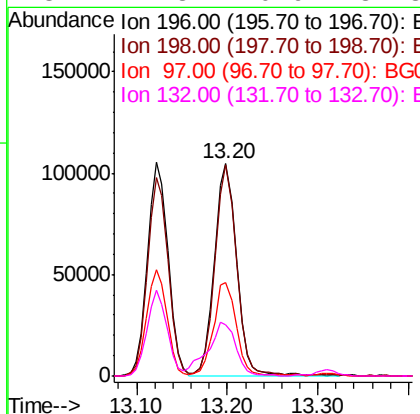
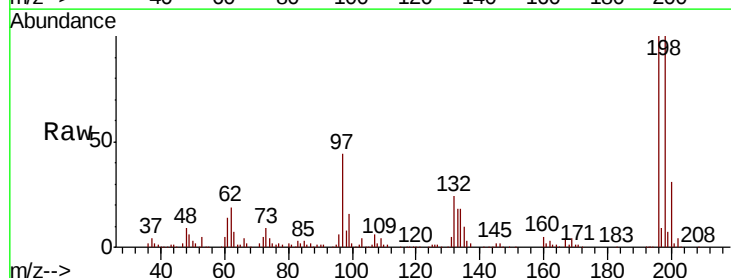
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

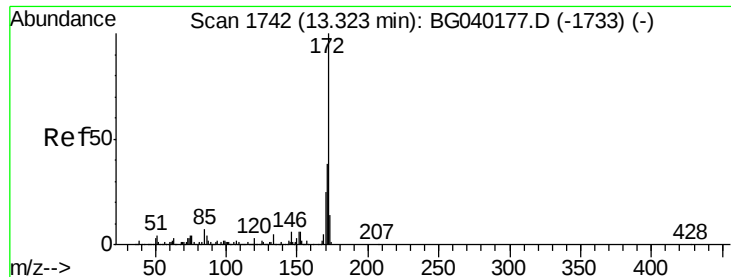
Tgt Ion:196 Resp: 166679
 Ion Ratio Lower Upper
 196 100
 198 92.8 78.3 117.5
 200 31.1 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.251 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion:196 Resp: 179238
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.0 112.6
 97 43.8 37.3 55.9
 132 24.3 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 81.808 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

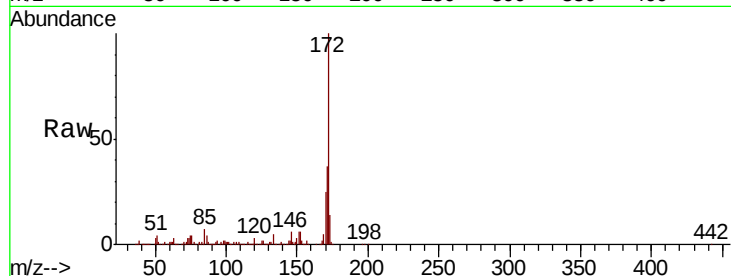
Tgt Ion:172 Resp: 957917

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

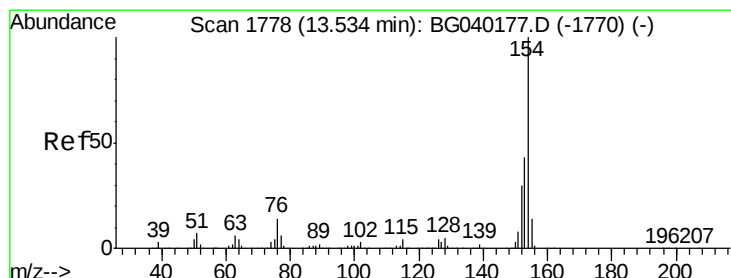
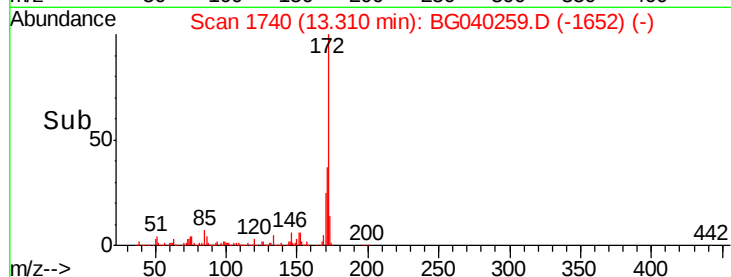
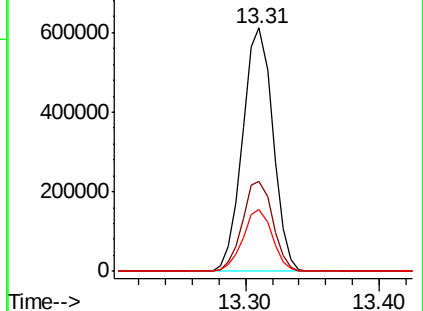
170 25.2 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.311 ng

RT: 13.52 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

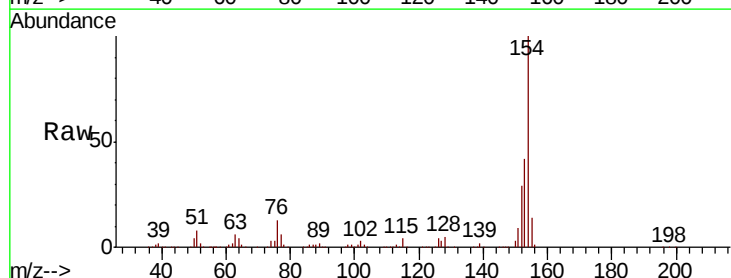
Tgt Ion:154 Resp: 566339

Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

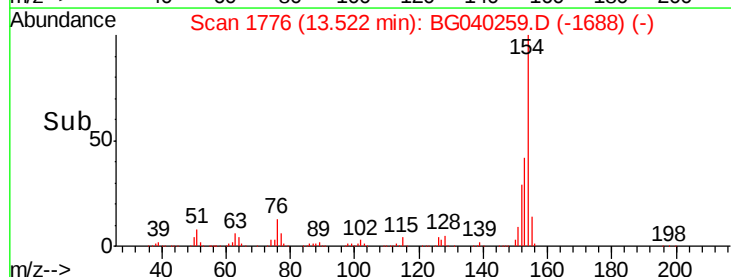
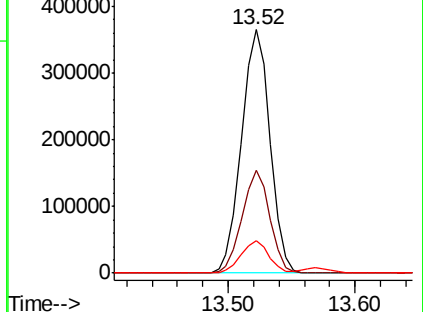
76 13.1 0.0 33.7

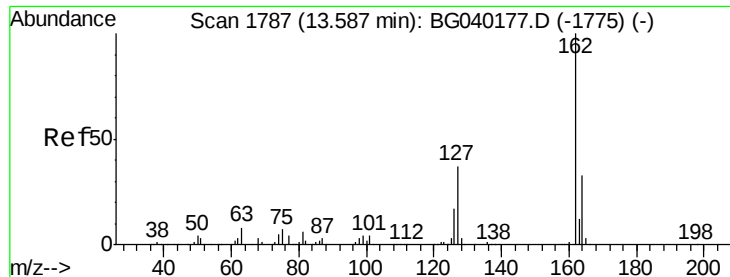


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

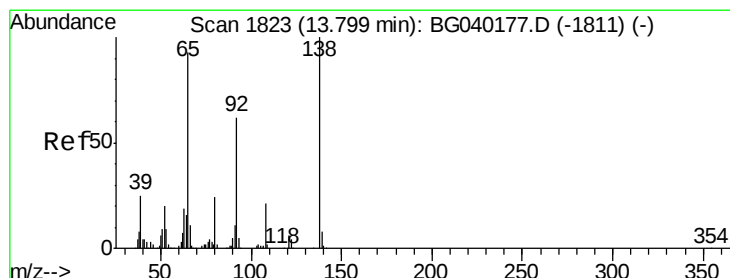
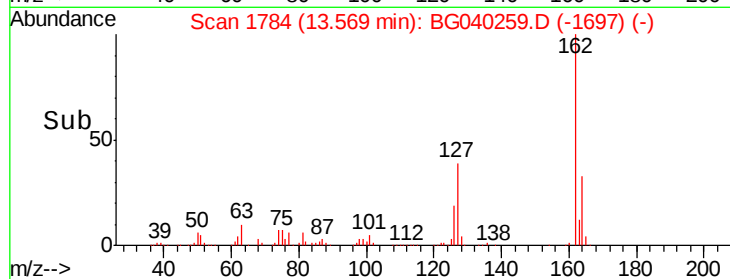
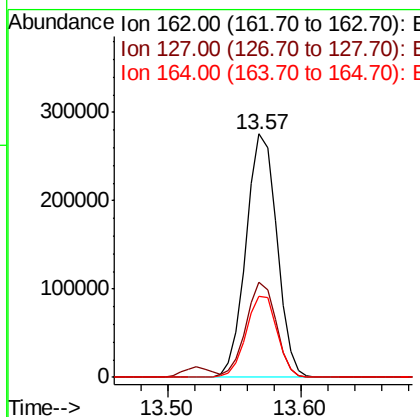
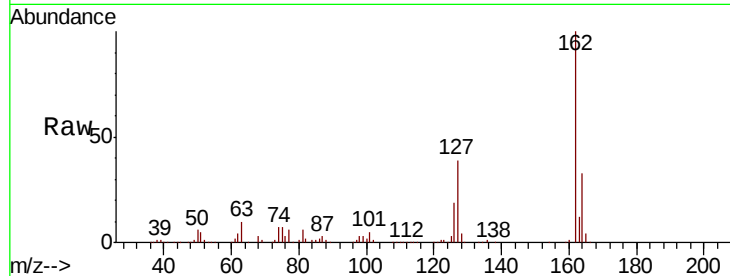




#47
 2-Chloronaphthalene
 Concen: 41.763 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

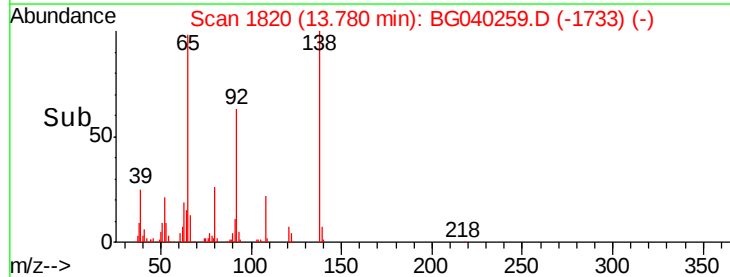
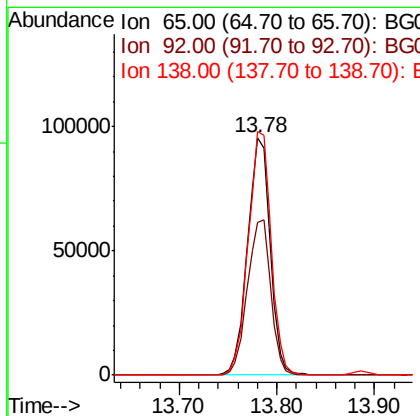
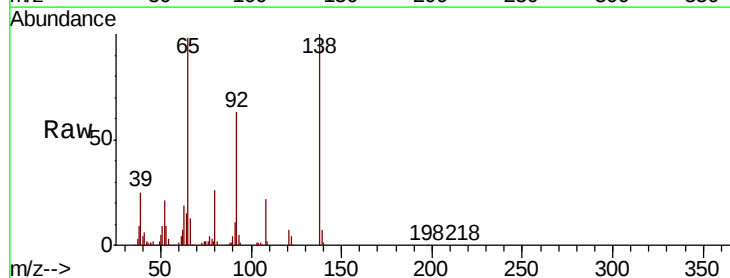
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

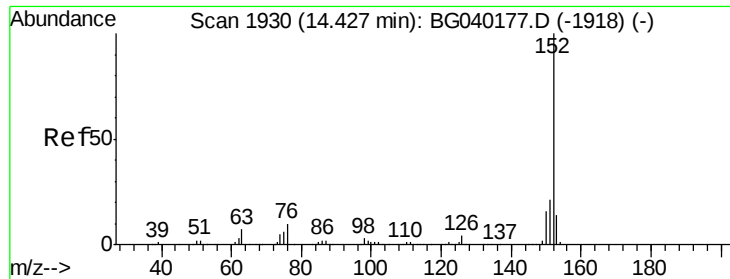
Tgt Ion:	162	Resp:	439171
Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.6	45.8
164	33.3	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.045 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion:	65	Resp:	156231
Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.8	80.6
138	102.4	86.3	129.5





#49

Acenaphthylene

Concen: 42.369 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

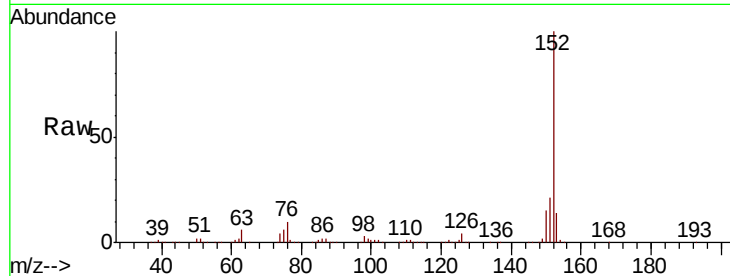
Tgt Ion:152 Resp: 755415

Ion Ratio Lower Upper

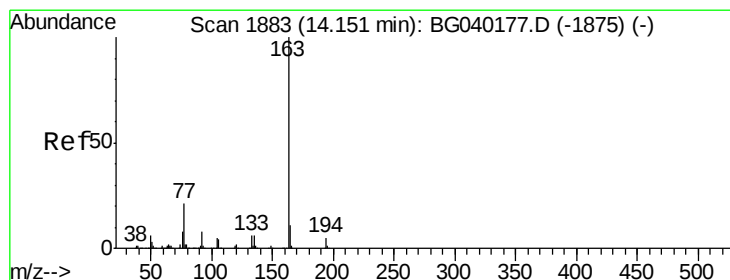
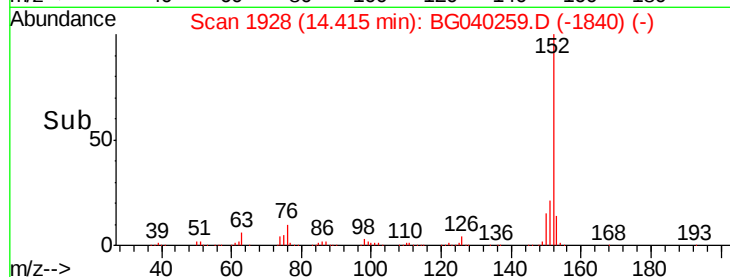
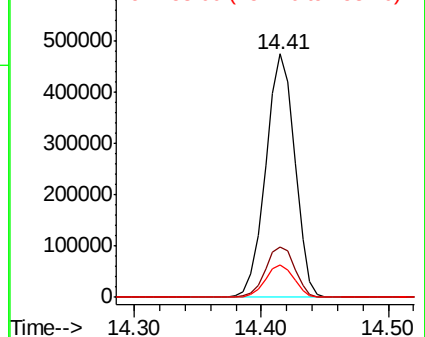
152 100

151 20.6 17.0 25.6

153 13.5 10.8 16.2



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: 44.342 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

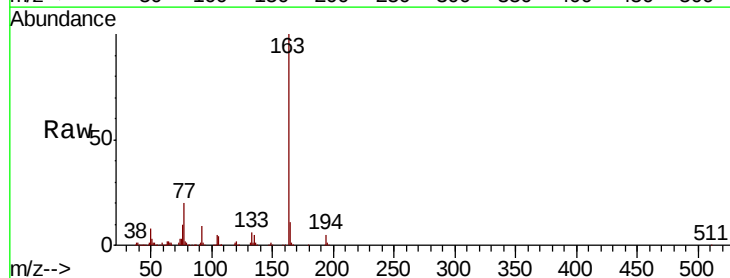
Tgt Ion:163 Resp: 602123

Ion Ratio Lower Upper

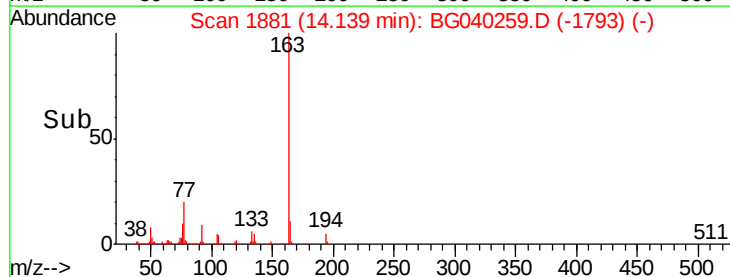
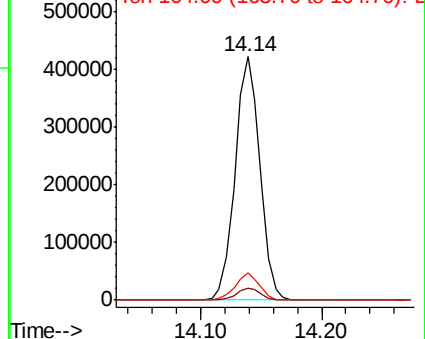
163 100

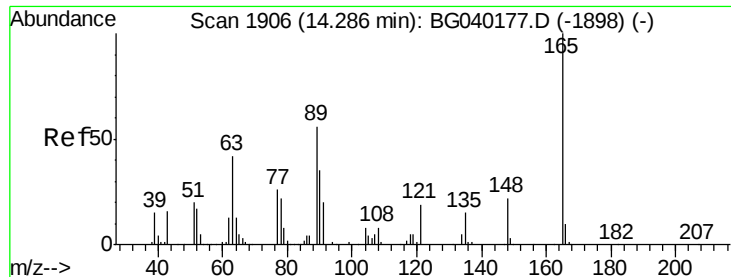
194 4.9 4.1 6.1

164 11.1 8.6 13.0



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: 45.298 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

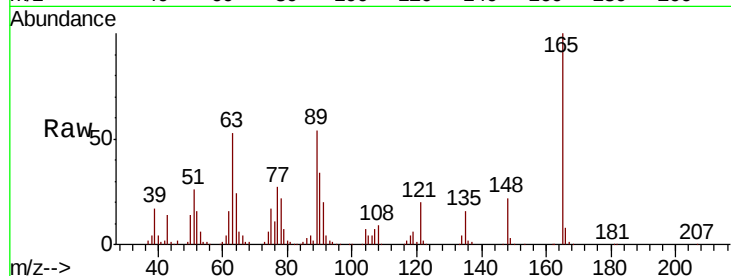
Tgt Ion:165 Resp: 138115

Ion Ratio Lower Upper

165 100

63 52.8 44.1 66.1

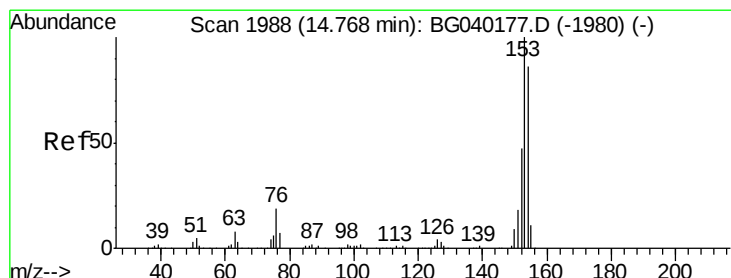
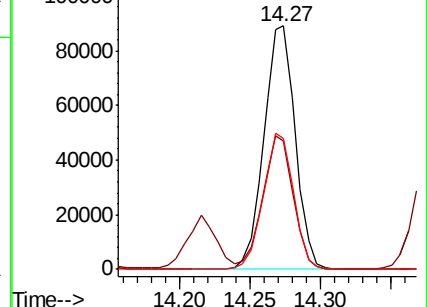
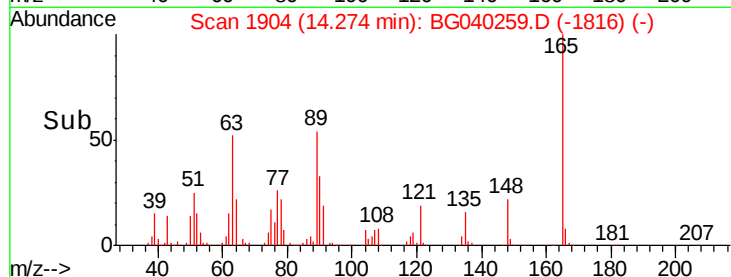
89 54.0 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.368 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

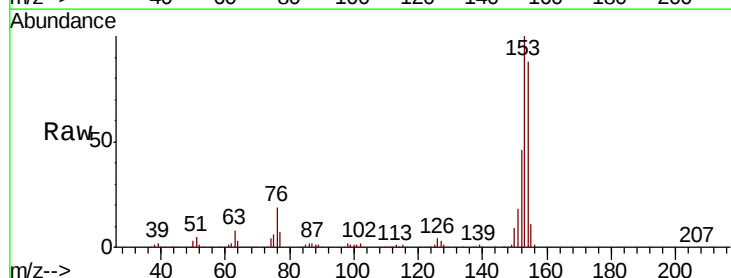
Tgt Ion:154 Resp: 443068

Ion Ratio Lower Upper

154 100

153 113.1 92.8 139.2

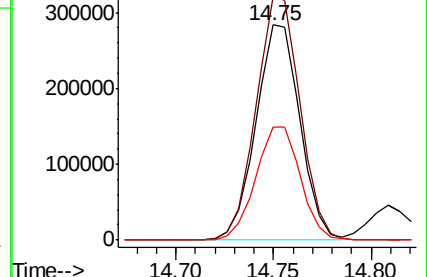
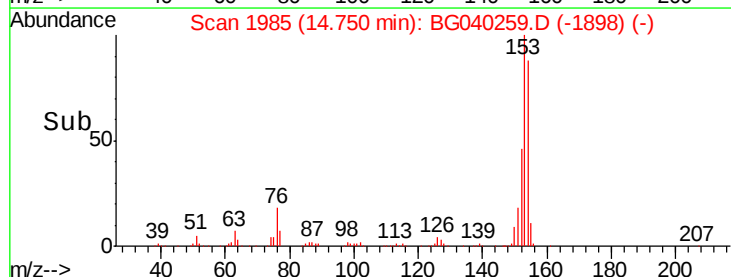
152 52.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.366 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

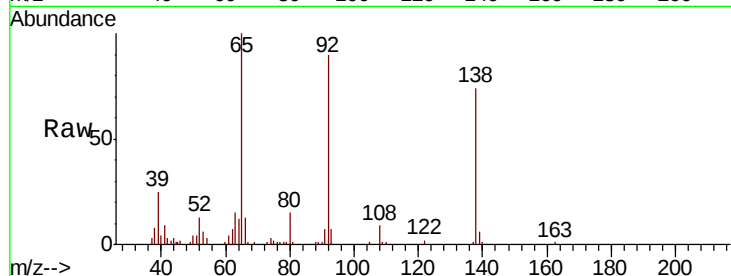
Tgt Ion:138 Resp: 36682

Ion Ratio Lower Upper

138 100

108 12.6 7.8 11.8#

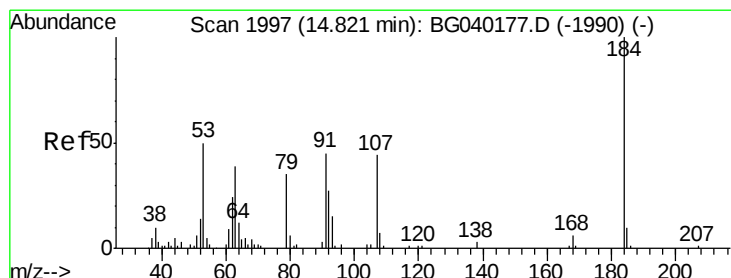
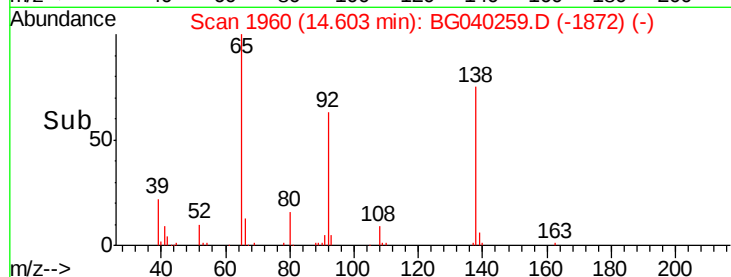
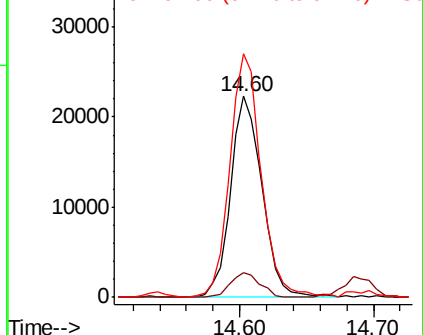
92 121.0 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 74.636 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

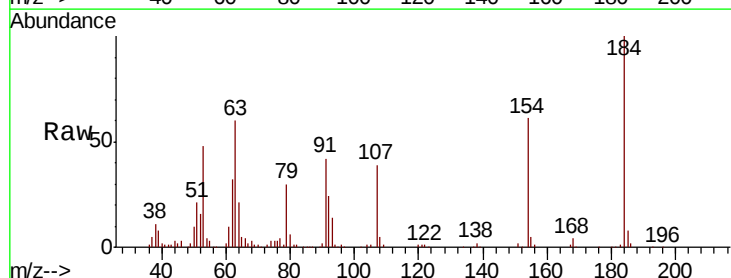
Tgt Ion:184 Resp: 121025

Ion Ratio Lower Upper

184 100

63 59.9 51.8 77.8

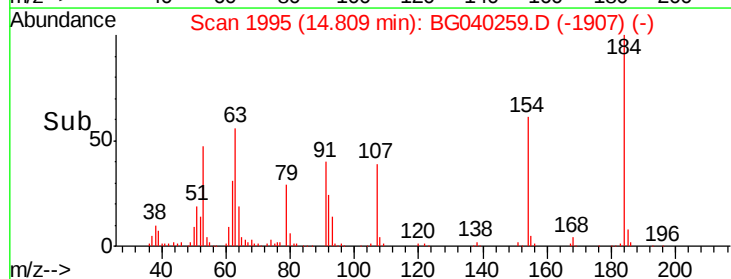
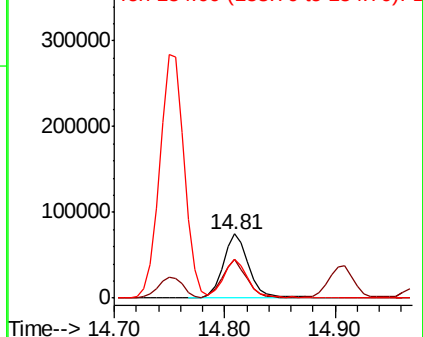
154 60.6 50.9 76.3

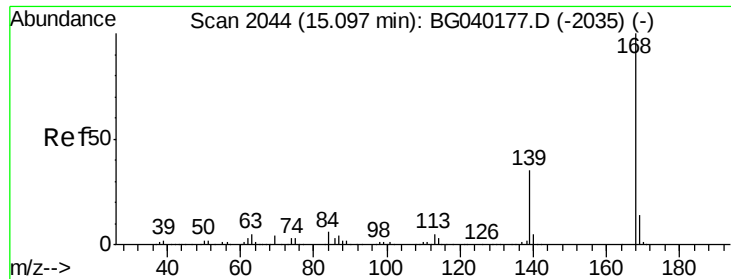


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.459 ng

RT: 15.08 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

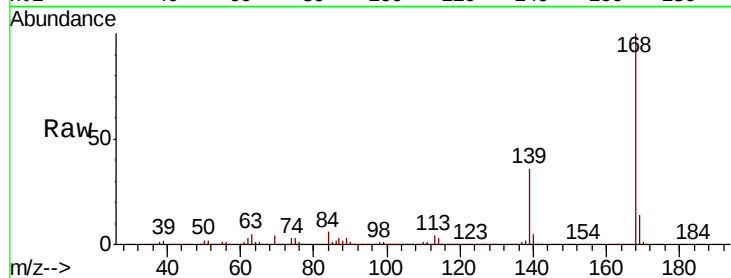
Tgt Ion:168 Resp: 729853

Ion Ratio Lower Upper

168 100

139 35.6 27.9 41.9

169 14.3 11.3 16.9

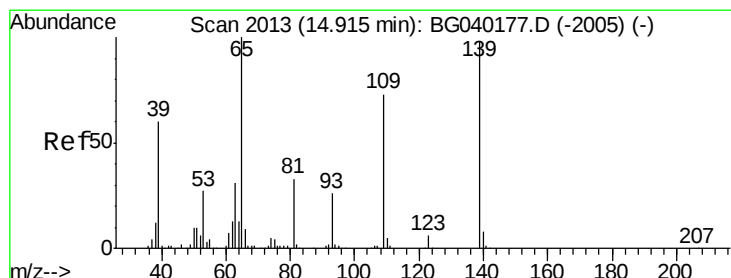
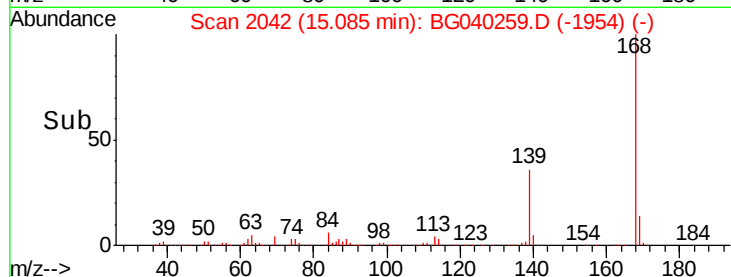
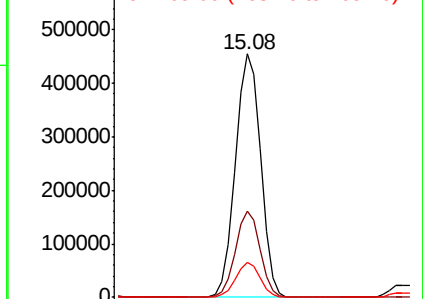


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.938 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

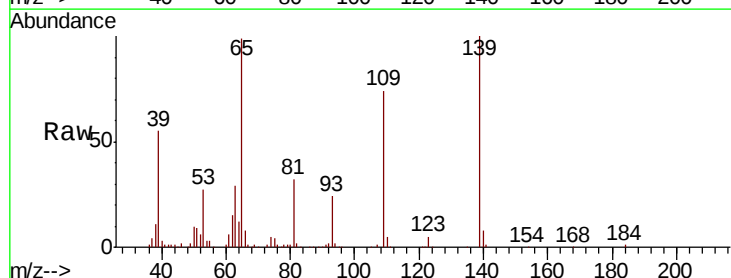
Tgt Ion:139 Resp: 210830

Ion Ratio Lower Upper

139 100

109 73.7 54.3 94.3

65 98.5 82.5 122.5

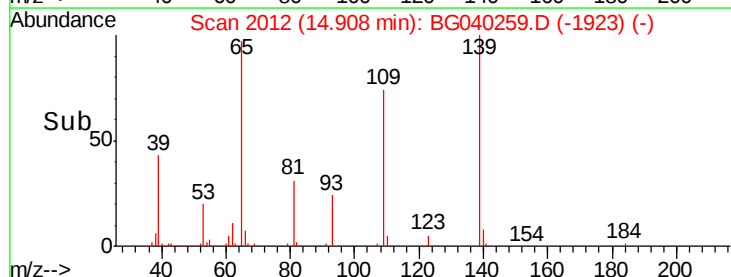
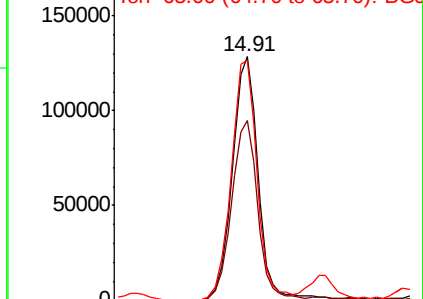


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

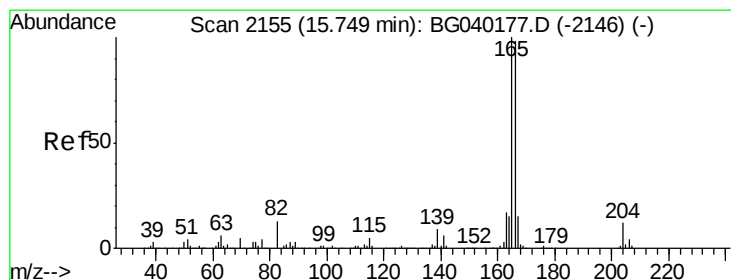
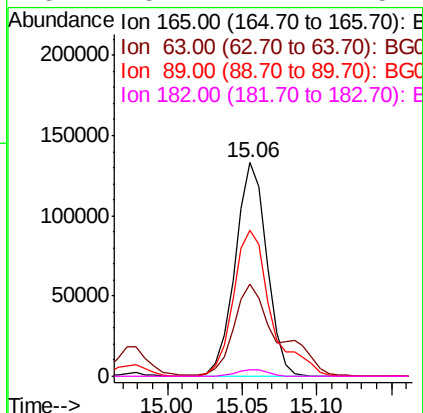
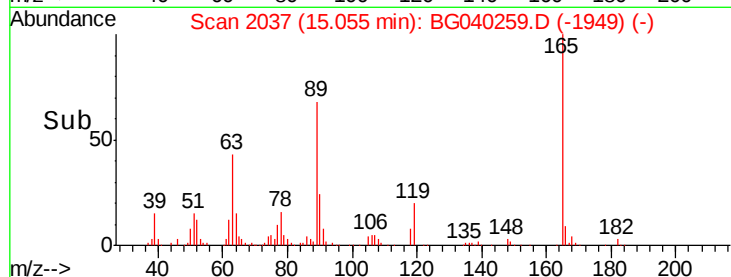
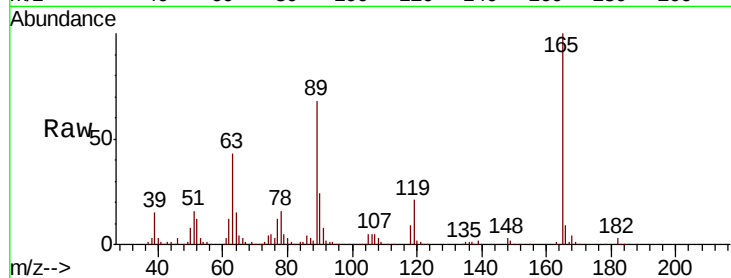




#57
2,4-Dinitrotoluene
Concen: 46.182 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

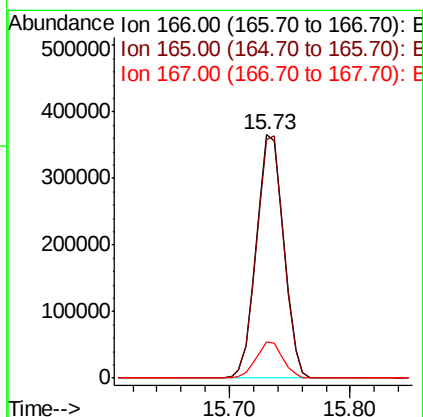
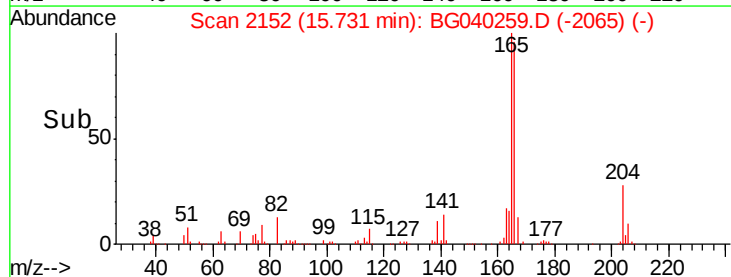
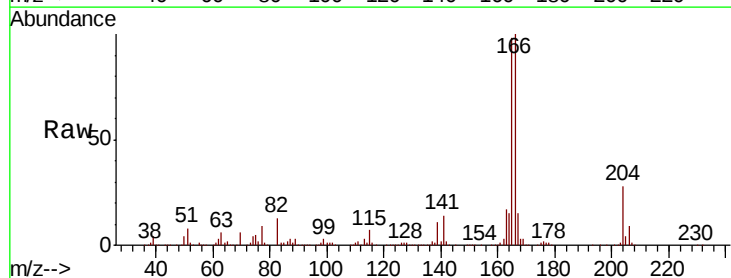
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion:	165	Resp:	195656
Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.8	50.6
89	68.4	55.4	83.2
182	3.2	2.2	3.4



#58
Fluorene
Concen: 44.726 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion:	166	Resp:	577267
Ion	Ratio	Lower	Upper
166	100		
165	97.8	81.7	122.5
167	15.0	11.9	17.9

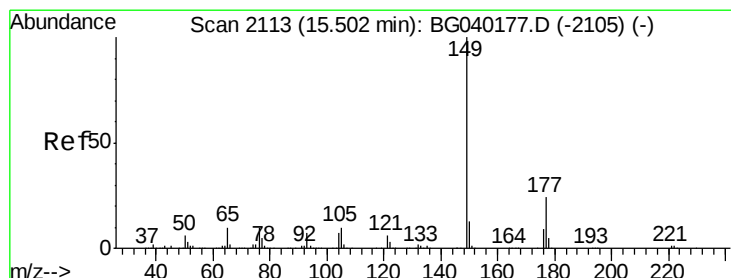
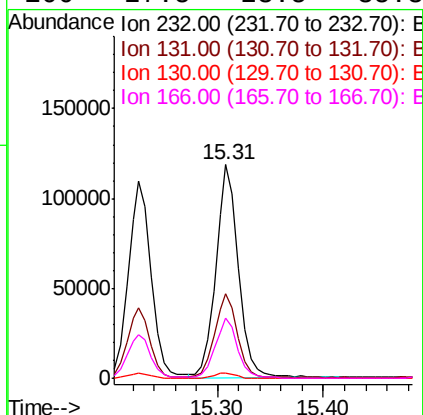
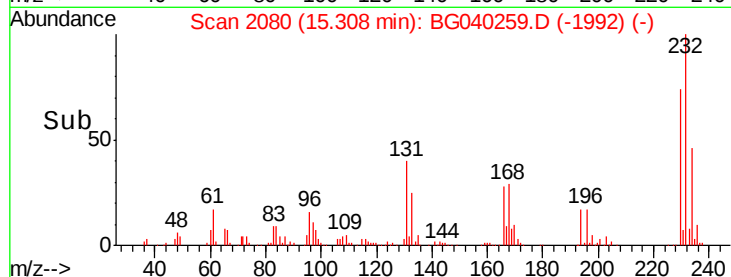
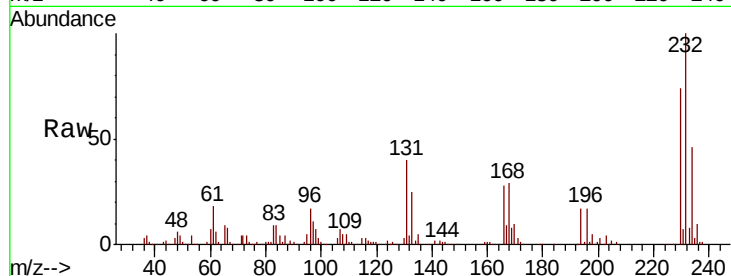




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.306 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

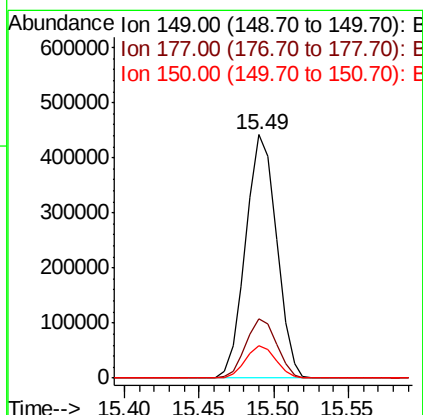
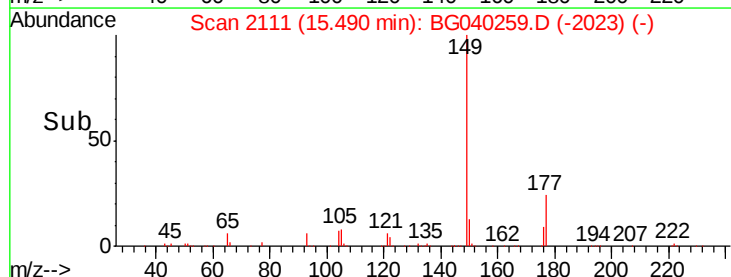
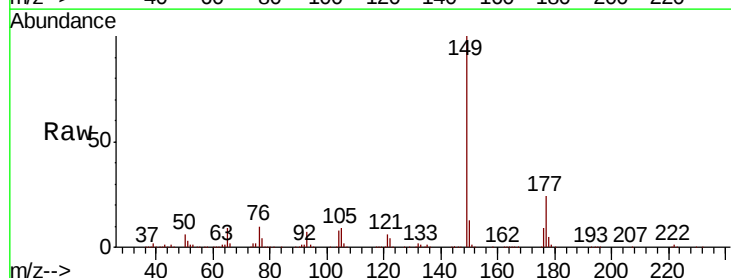
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

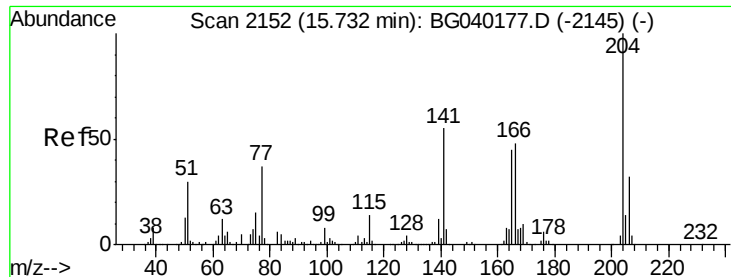
Tgt Ion:	232	Resp:	176908
Ion	Ratio	Lower	Upper
232	100		
131	39.0	32.9	49.3
130	2.4	1.8	2.8
166	27.5	23.5	35.3



#60
 Diethylphthalate
 Concen: 45.597 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion:	149	Resp:	633587
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.1	10.6	15.8

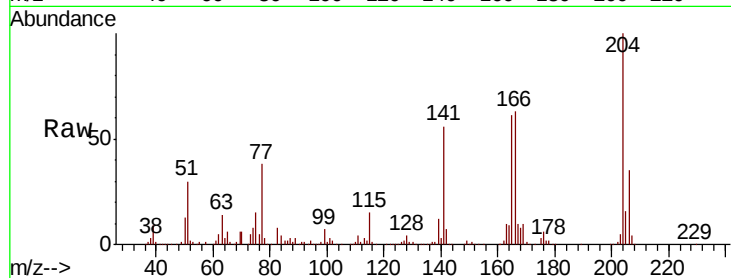




#61
4-Chlorophenyl-phenylether
Concen: 44.500 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	25.7	38.5
141	56.2	44.0	66.0

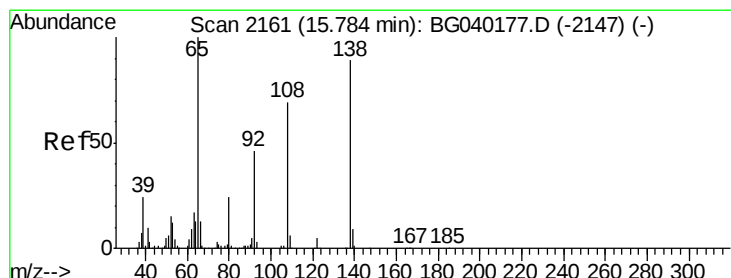
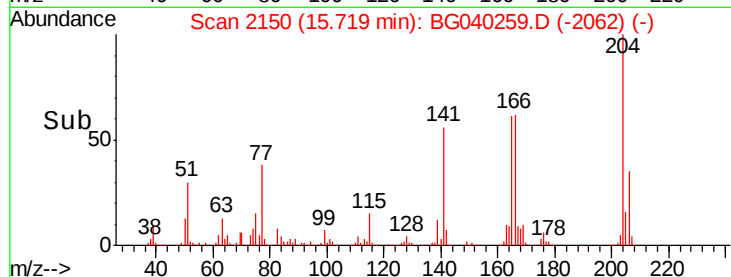
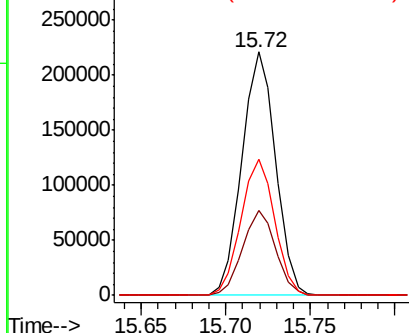


Abundance

Ion 204.00 (203.70 to 204.70): E

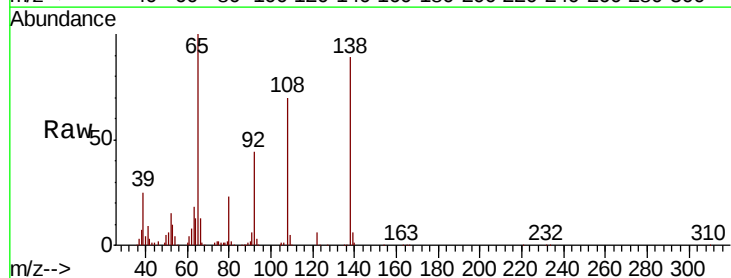
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.904 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.8	71.8
108	78.6	57.2	97.2

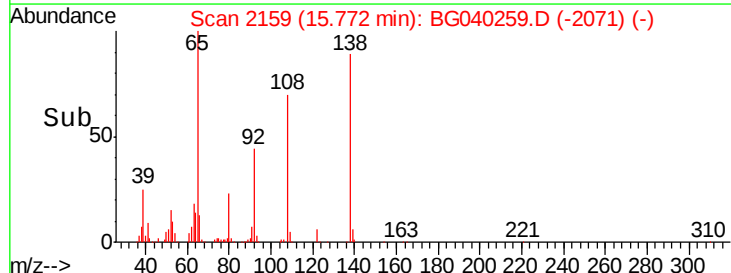
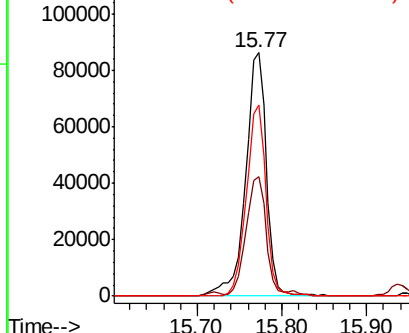


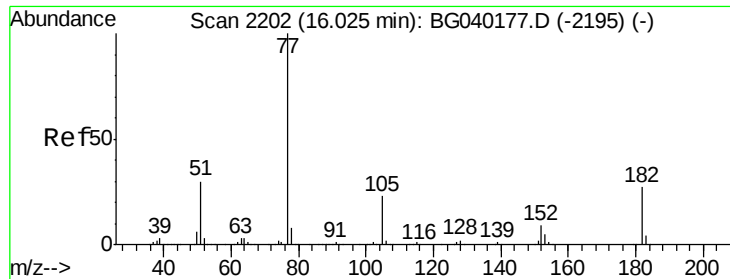
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

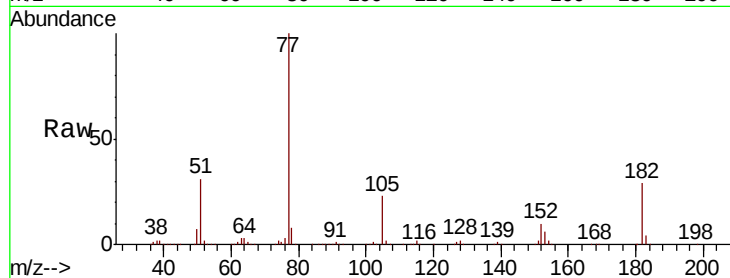




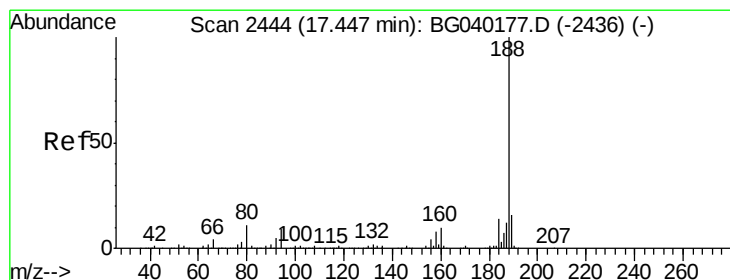
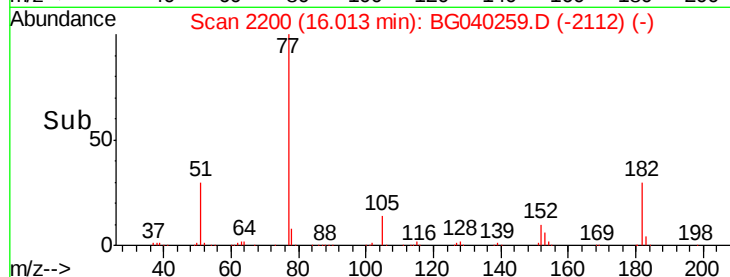
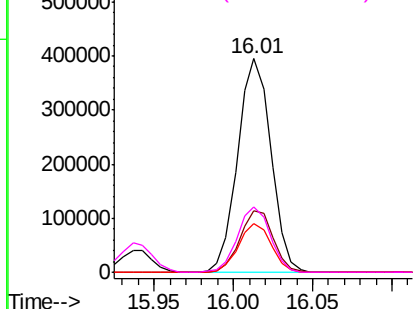
#63
Azobenzene
Concen: 43.803 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion: 77 Resp: 574128
Ion Ratio Lower Upper
77 100
182 28.8 7.2 47.2
105 22.6 2.8 42.8
51 30.8 10.4 50.4

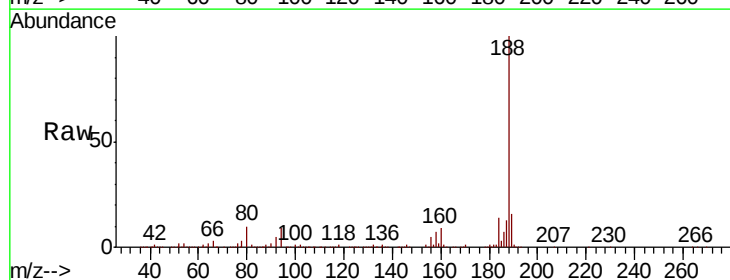


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

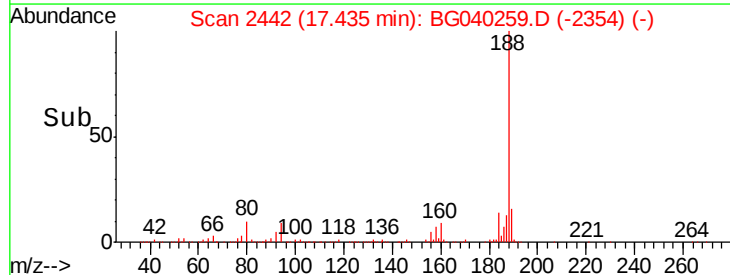
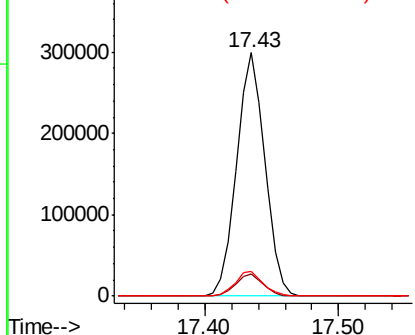


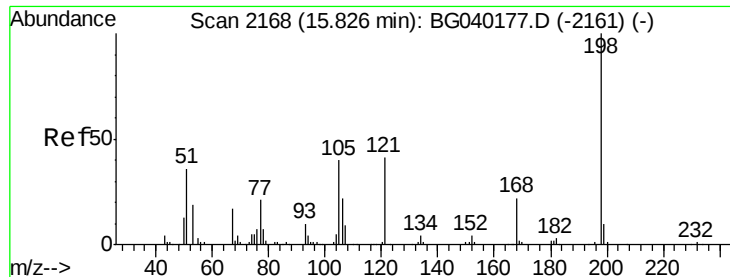
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion: 188 Resp: 438722
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.921 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

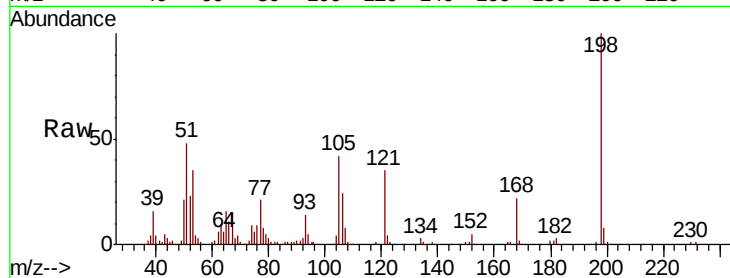
Tgt Ion:198 Resp: 100863

Ion Ratio Lower Upper

198 100

51 47.7 27.3 67.3

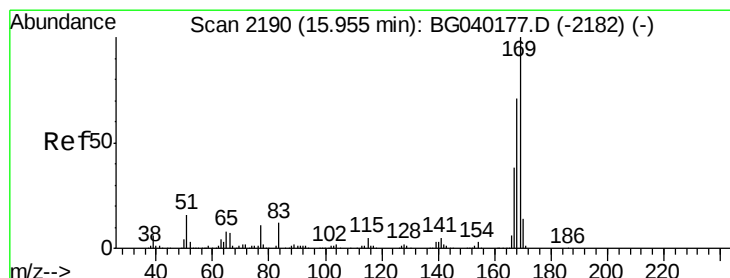
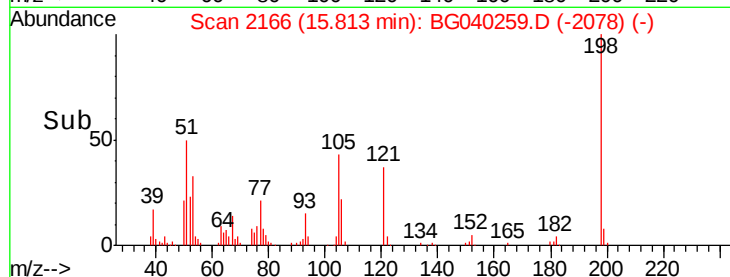
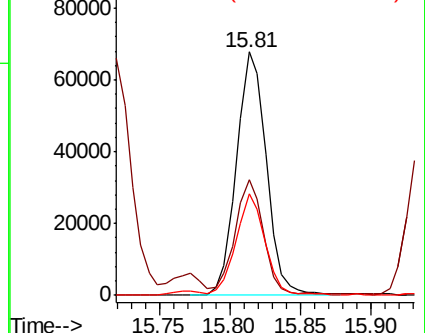
105 41.5 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.778 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

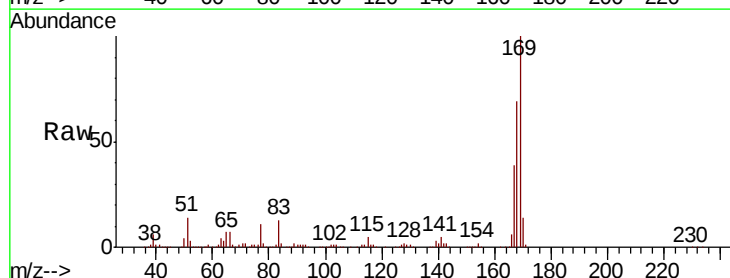
Tgt Ion:169 Resp: 549191

Ion Ratio Lower Upper

169 100

168 68.6 56.8 85.2

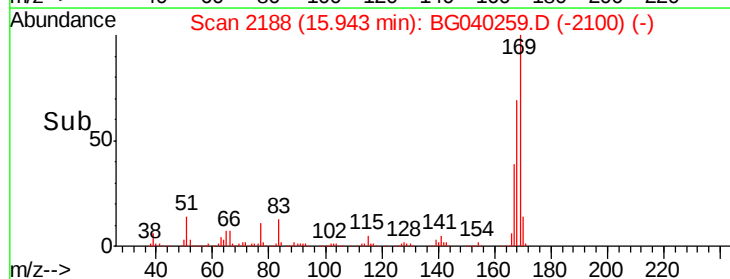
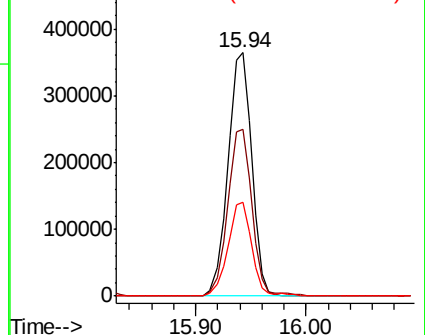
167 38.8 30.2 45.4

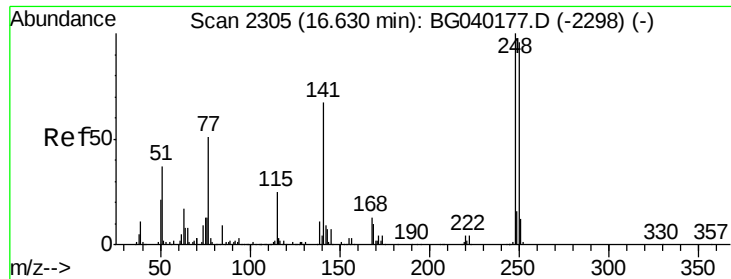


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

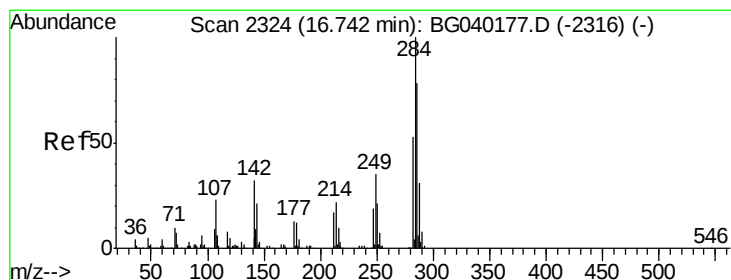
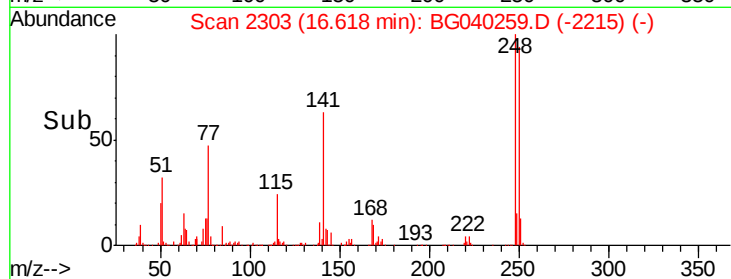
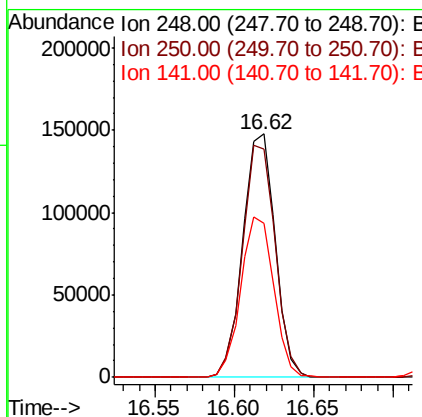
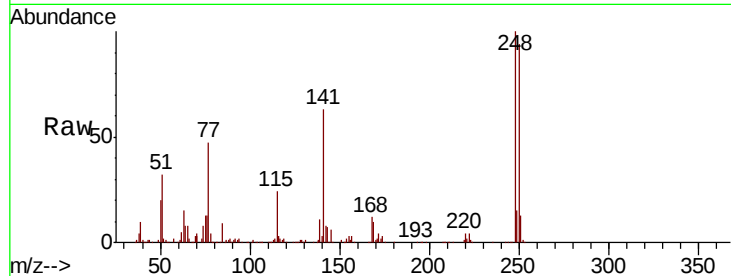




#67
 4-Bromophenyl-phenylether
 Concen: 42.372 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

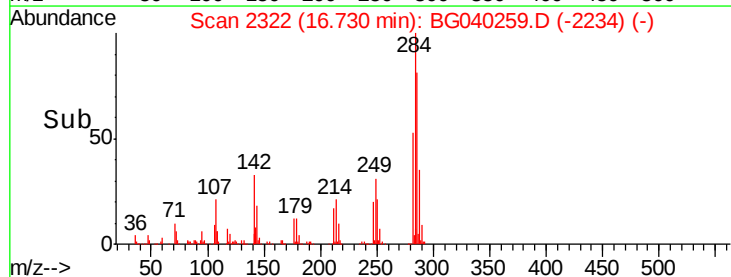
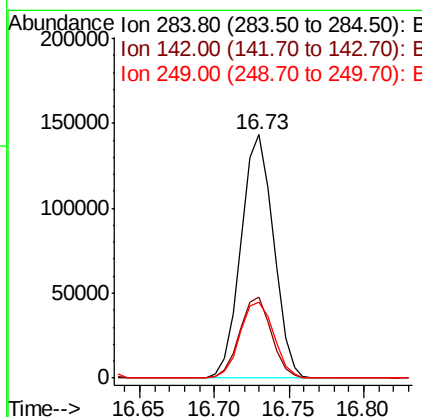
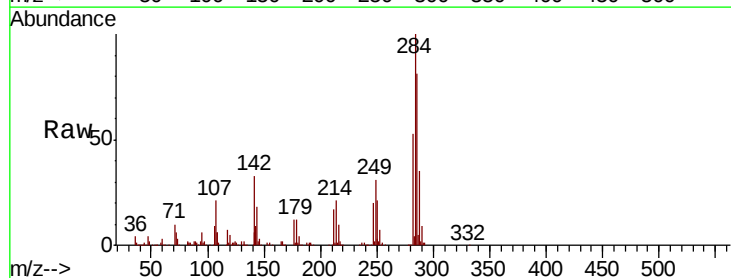
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMSD

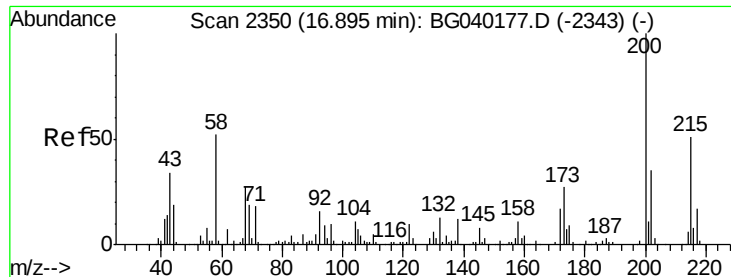
Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.4	114.6
141	63.2	53.8	80.8



#68
 Hexachlorobenzene
 Concen: 43.715 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG040259.D
 Acq: 30 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.3	37.9
249	31.3	28.2	42.2





#69

Atrazine

Concen: 44.234 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

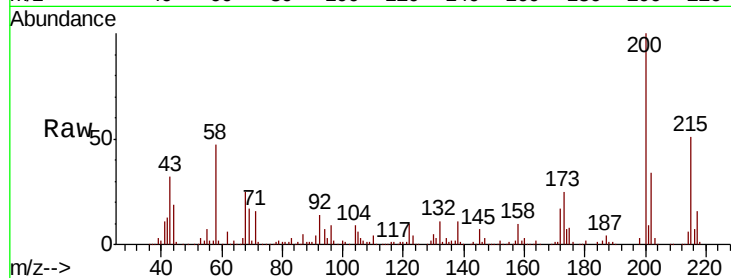
Tgt Ion:200 Resp: 211251

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

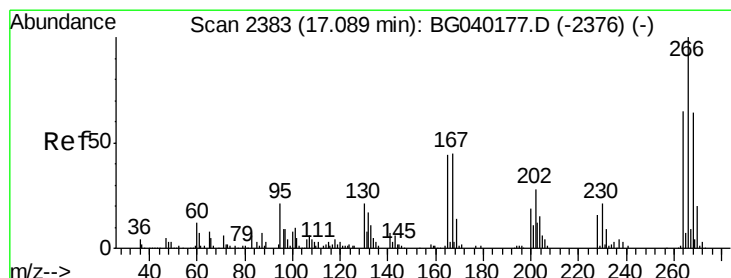
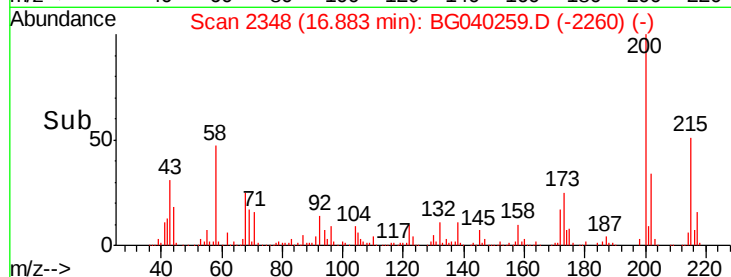
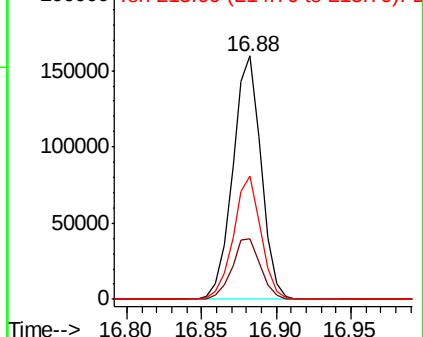
215 50.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.019 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

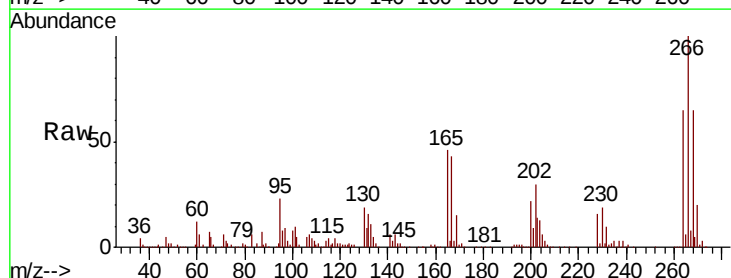
Tgt Ion:266 Resp: 221040

Ion Ratio Lower Upper

266 100

268 65.1 55.0 82.4

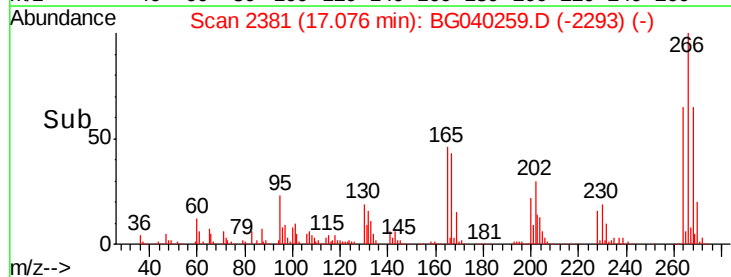
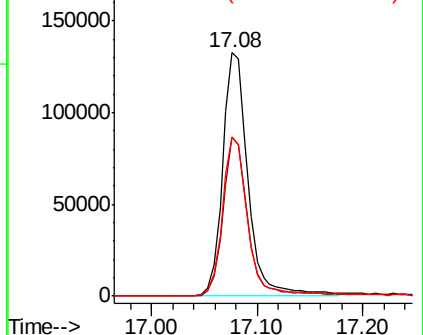
264 65.1 51.8 77.8

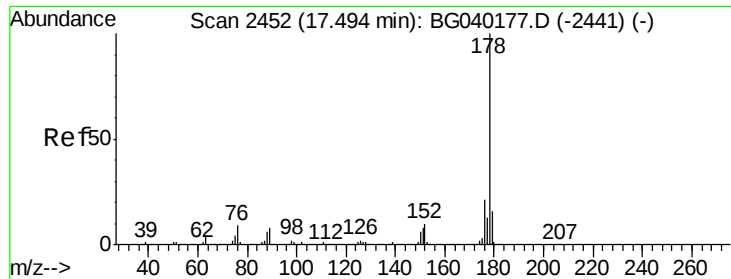


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

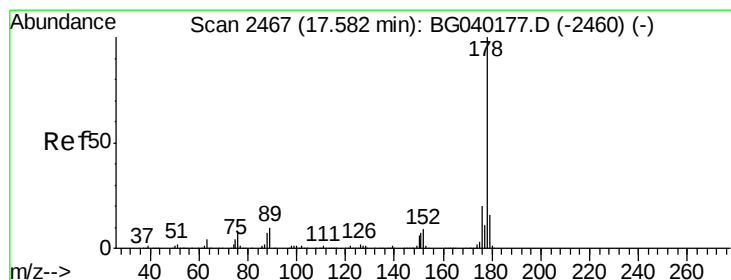
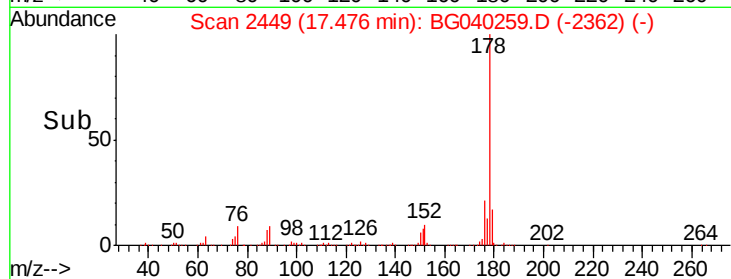
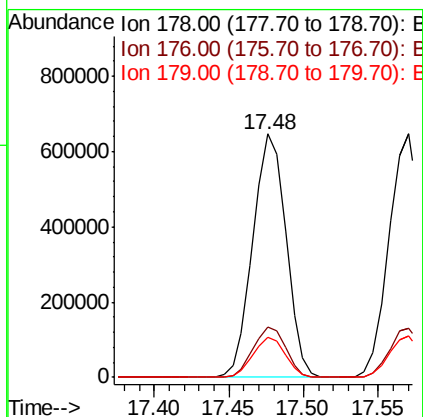
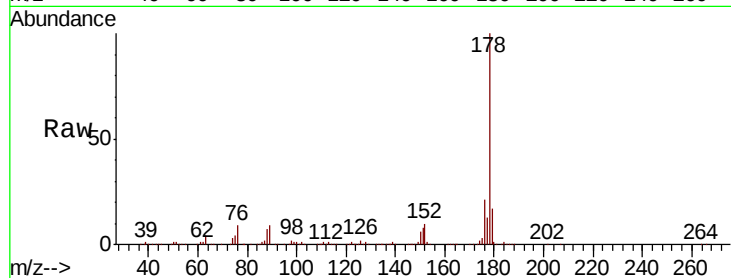




#71
Phenanthrene
Concen: 43.243 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

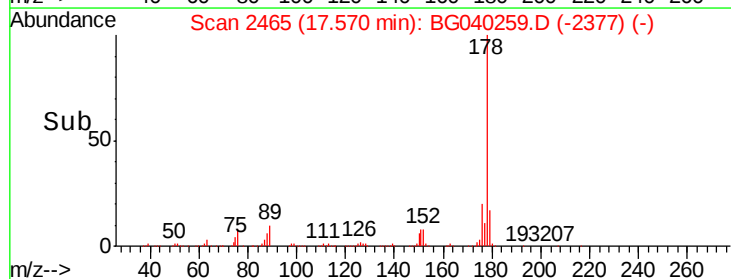
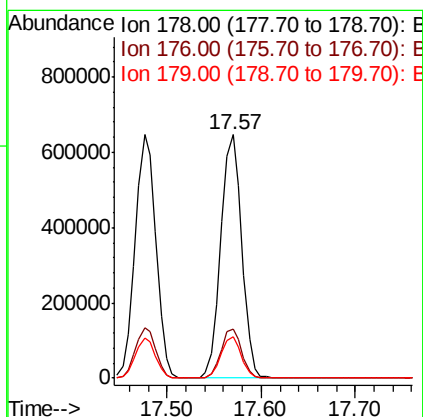
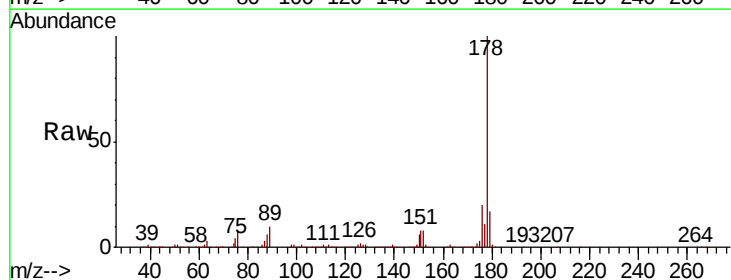
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

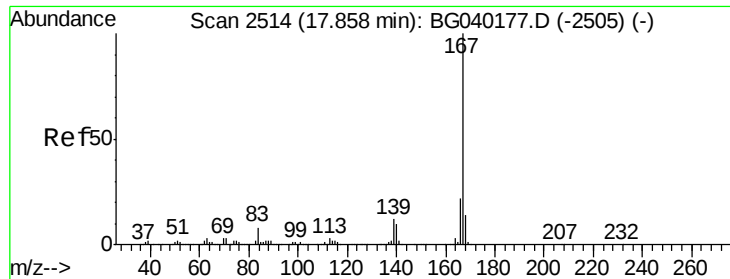
Tgt Ion:178 Resp: 997183
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 16.5 12.8 19.2



#72
Anthracene
Concen: 43.725 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion:178 Resp: 1009226
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.9 12.9 19.3





#73

Carbazole

Concen: 43.306 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

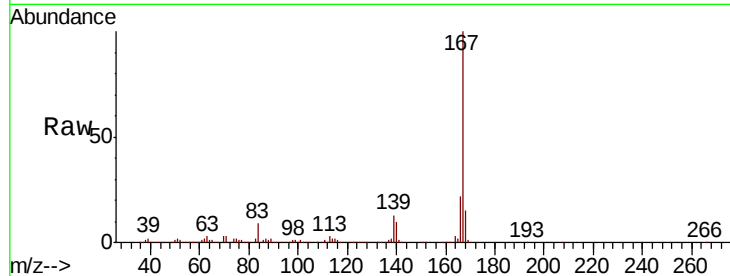
Tgt Ion:167 Resp: 945963

Ion Ratio Lower Upper

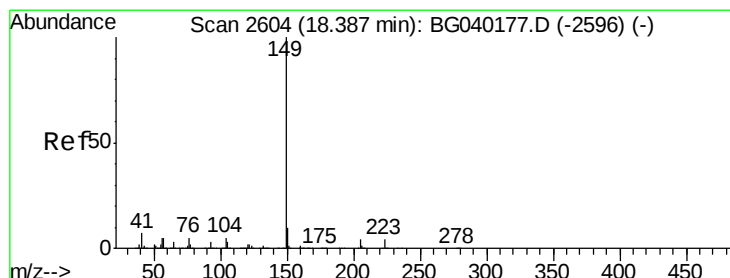
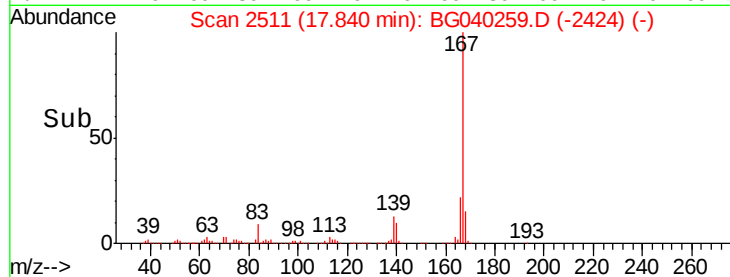
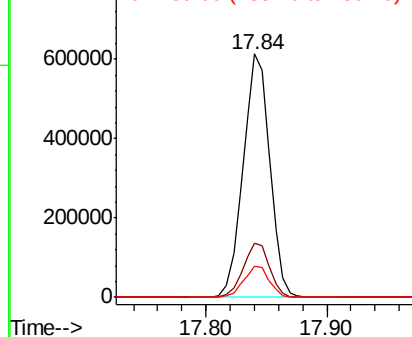
167 100

166 22.3 17.5 26.3

139 12.7 10.0 15.0



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: 42.849 ng

RT: 18.37 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

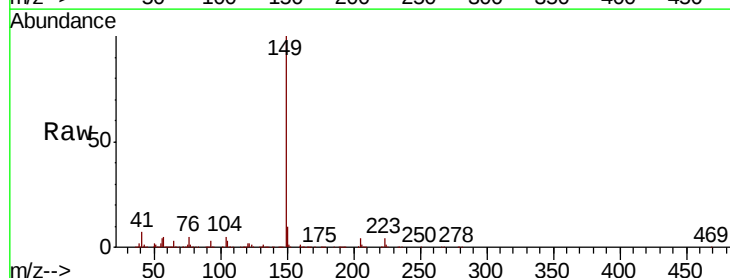
Tgt Ion:149 Resp: 1109466

Ion Ratio Lower Upper

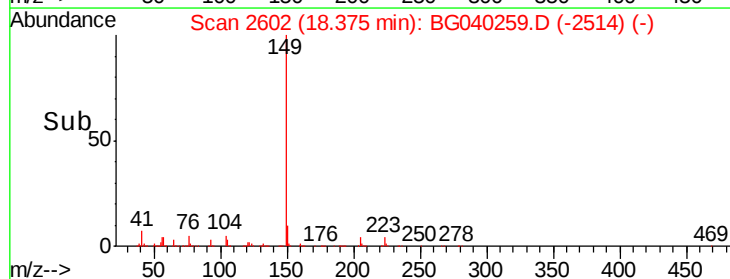
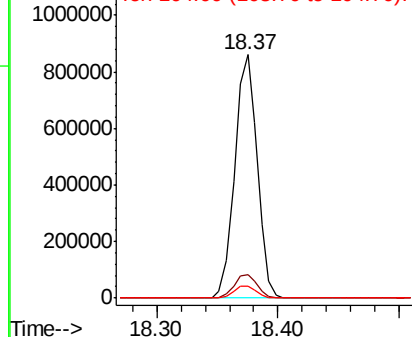
149 100

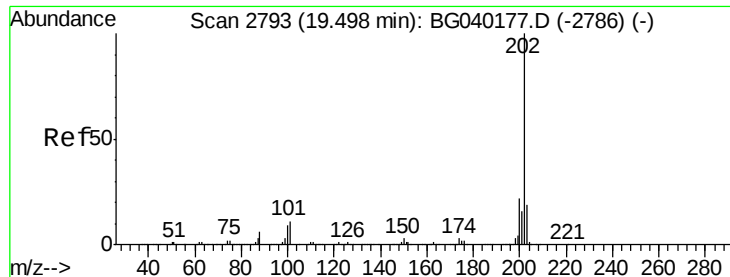
150 9.8 7.9 11.9

104 5.2 4.1 6.1



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: 43.843 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

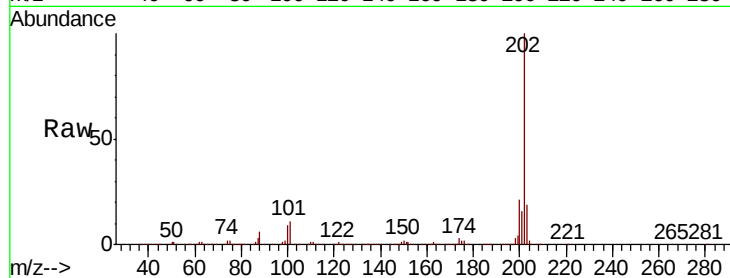
Tgt Ion:202 Resp: 1197182

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.8

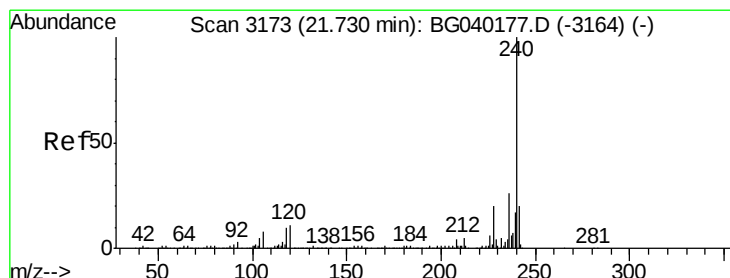
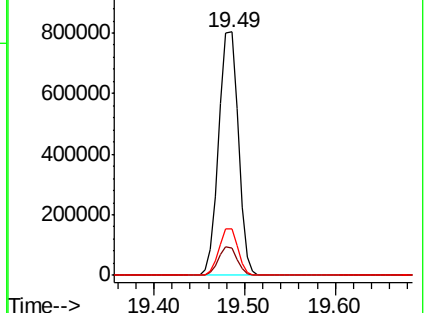
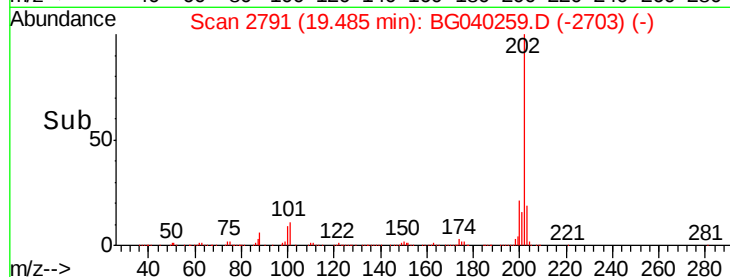
203 19.3 0.0 38.9



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: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

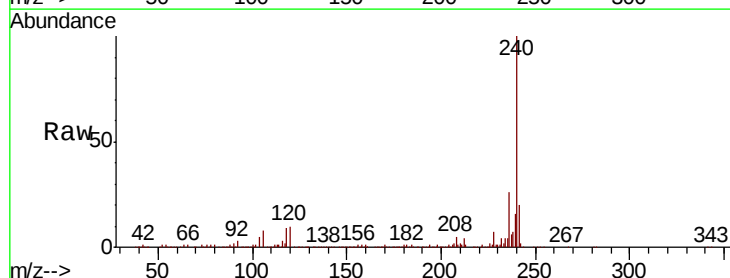
Tgt Ion:240 Resp: 427586

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

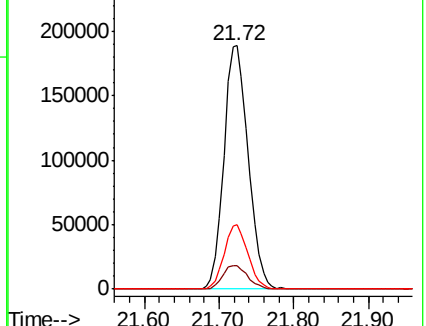
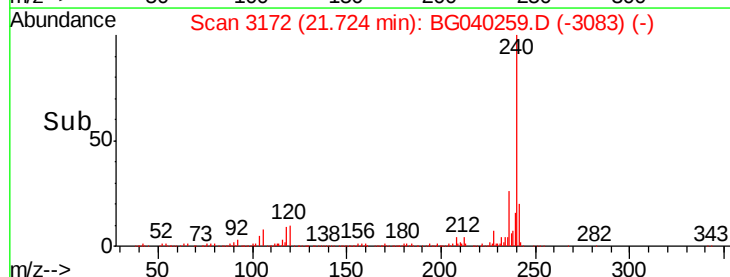
236 26.4 20.8 31.2

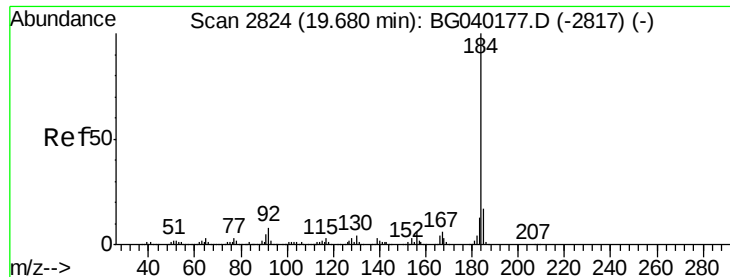


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.079 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

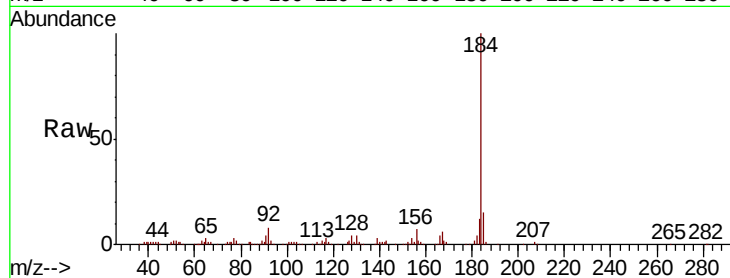
Tgt Ion:184 Resp: 124749

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

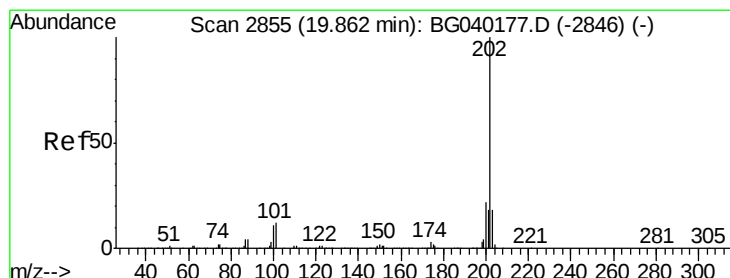
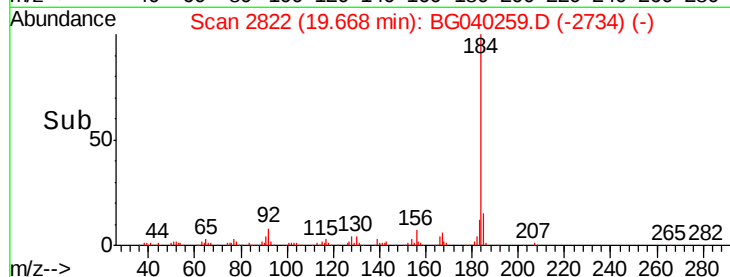
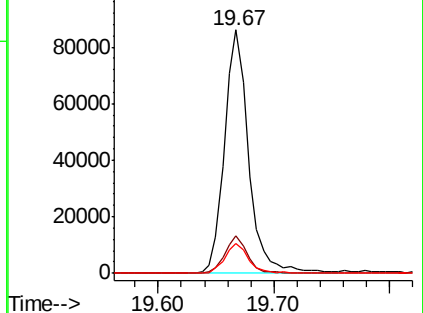
183 12.2 10.3 15.5



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: 42.850 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

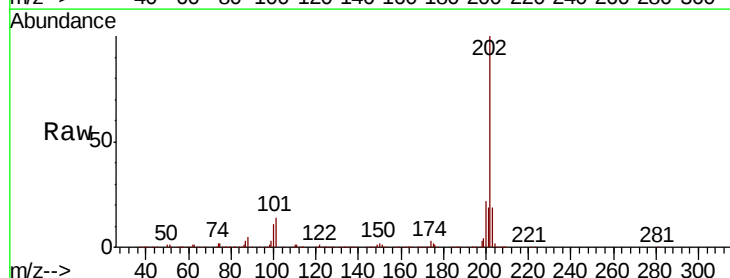
Tgt Ion:202 Resp: 1204881

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

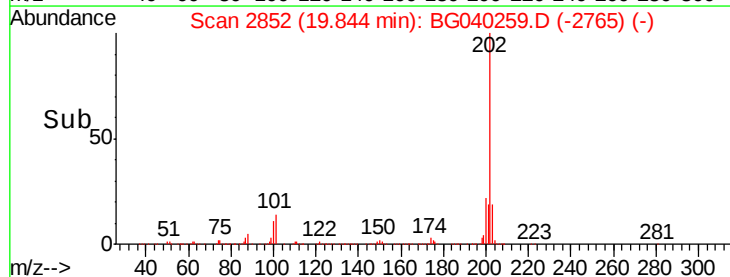
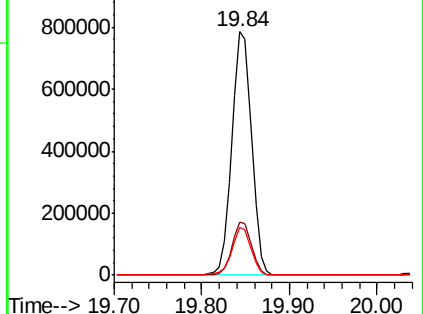
203 19.4 14.6 22.0



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: 84.491 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

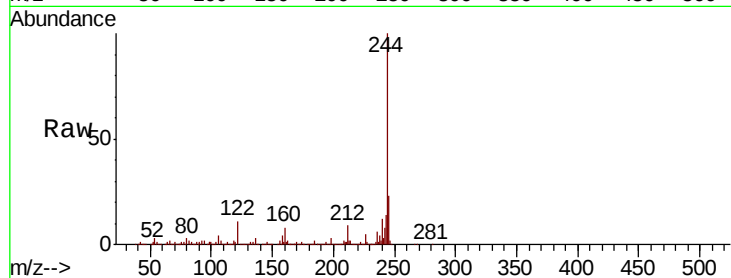
Tgt Ion:244 Resp: 1605896

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

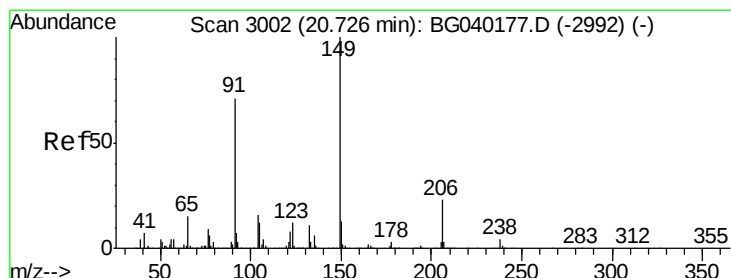
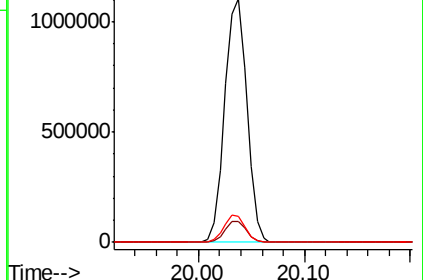
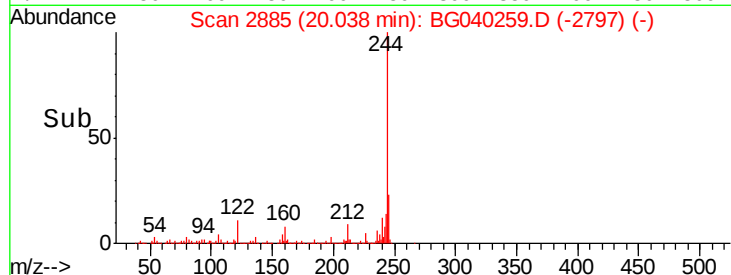
122 10.9 8.5 12.7



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: 42.426 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

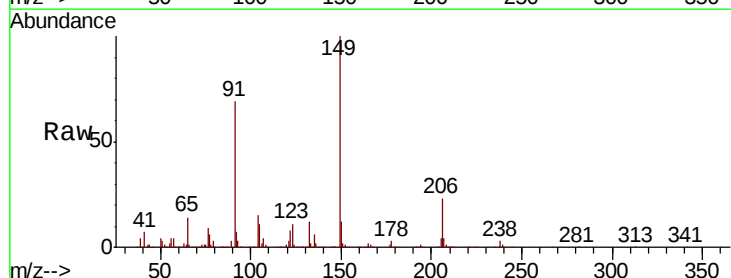
Tgt Ion:149 Resp: 510481

Ion Ratio Lower Upper

149 100

91 69.4 57.0 85.4

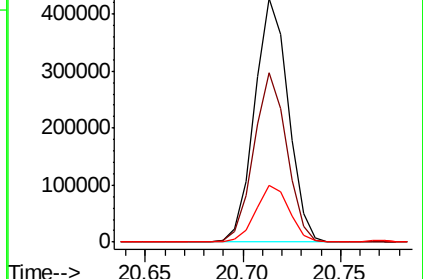
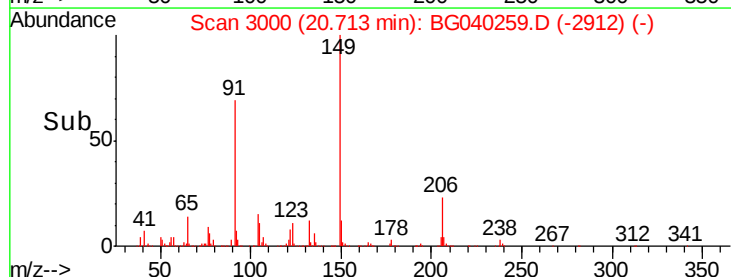
206 23.3 18.2 27.4

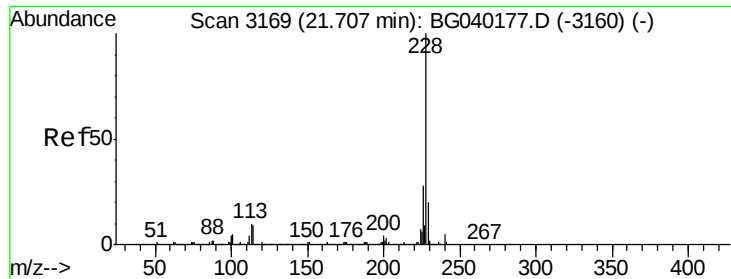


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

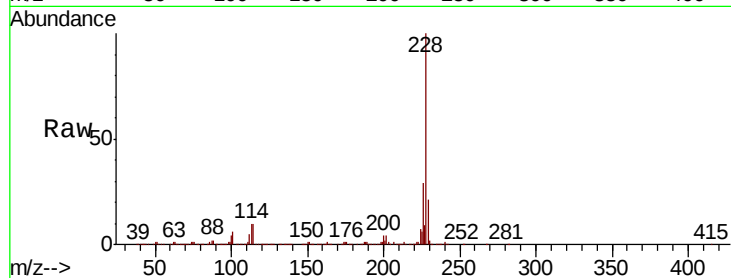




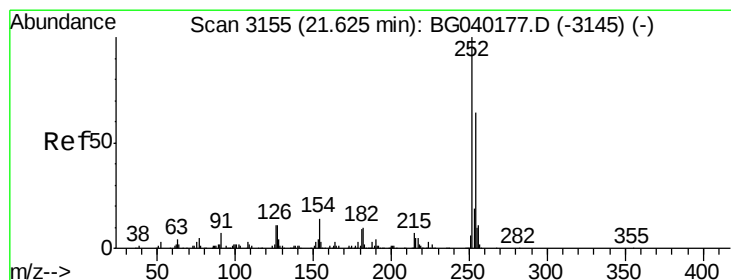
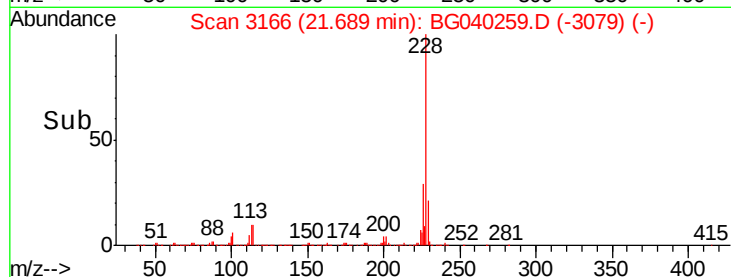
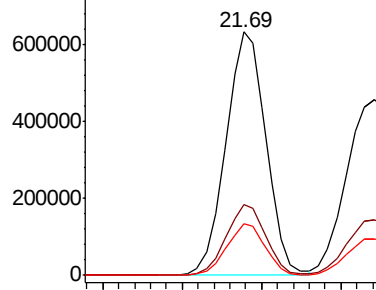
#81
Benzo(a)anthracene
Concen: 42.200 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion:228 Resp: 1111425
Ion Ratio Lower Upper
228 100
226 29.0 22.6 34.0
229 21.3 16.1 24.1

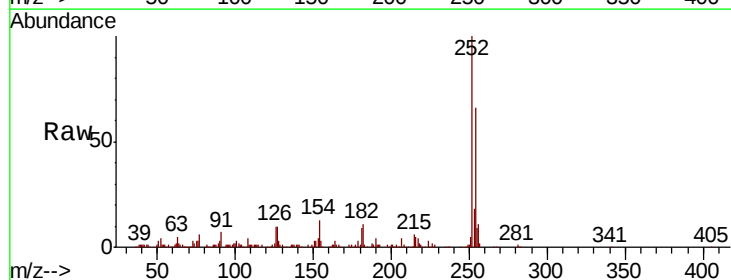


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

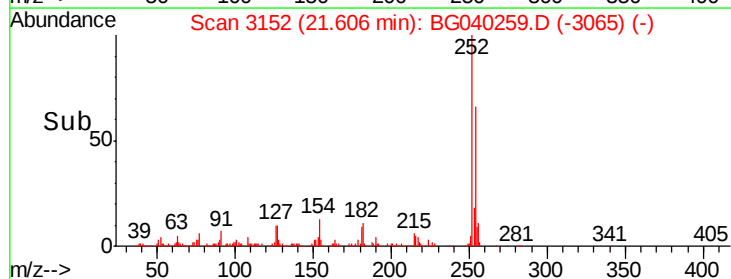
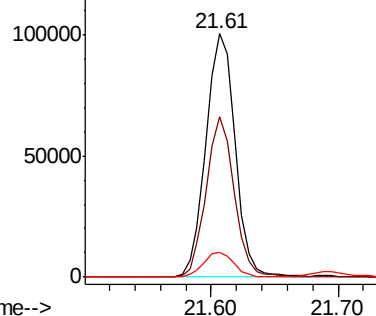


#82
3,3'-Dichlorobenzidine
Concen: 15.983 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion:252 Resp: 160127
Ion Ratio Lower Upper
252 100
254 66.0 51.4 77.2
126 10.3 8.5 12.7



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: 43.273 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

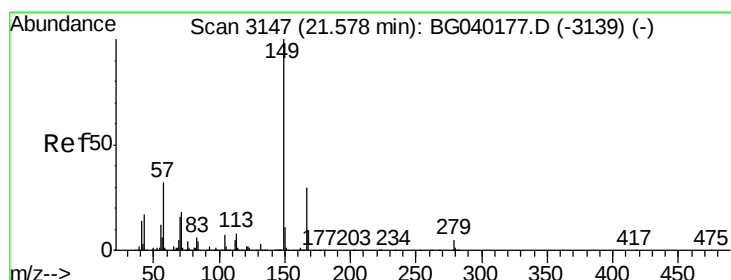
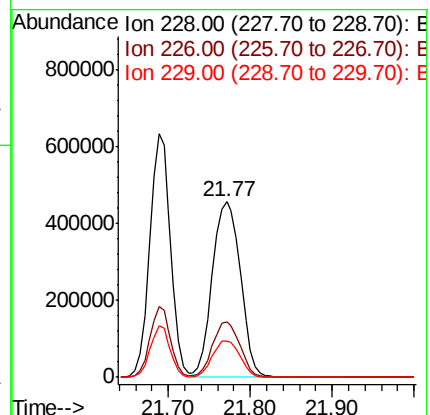
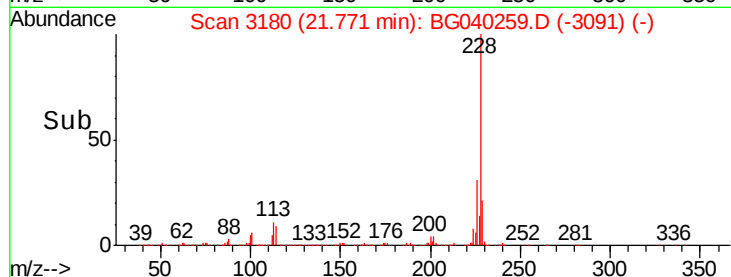
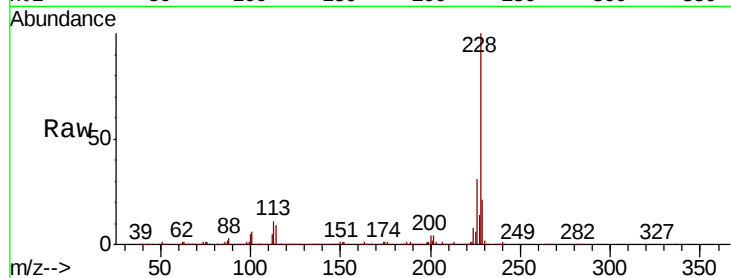
Tgt Ion:228 Resp: 1095306

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

229 20.7 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.963 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

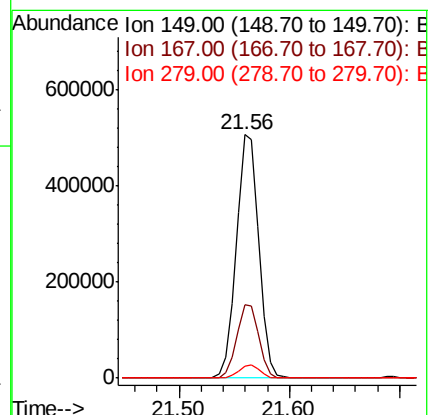
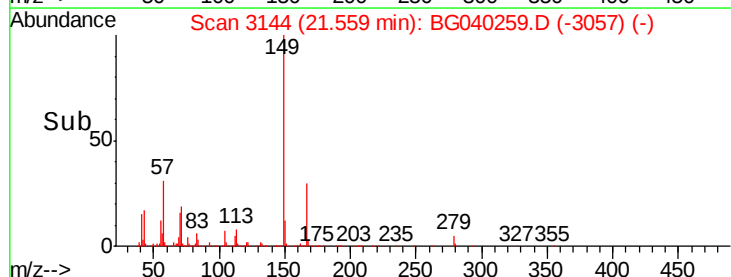
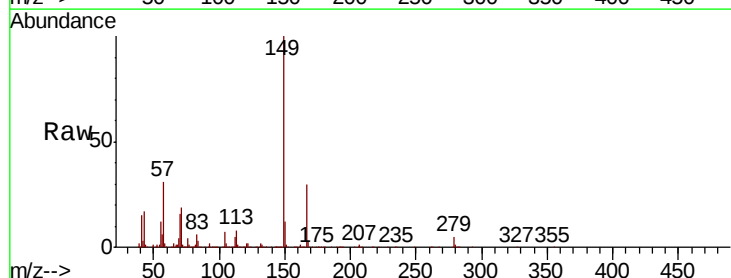
Tgt Ion:149 Resp: 721757

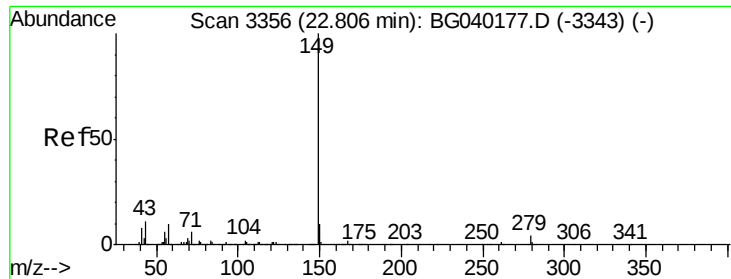
Ion Ratio Lower Upper

149 100

167 30.1 24.1 36.1

279 4.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.998 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

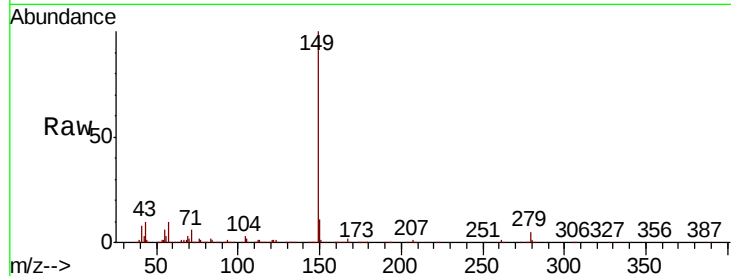
Tgt Ion:149 Resp: 1230731

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

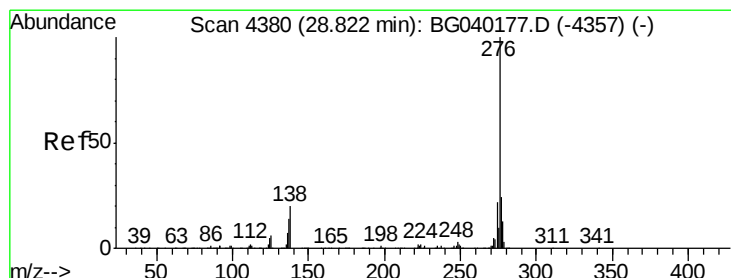
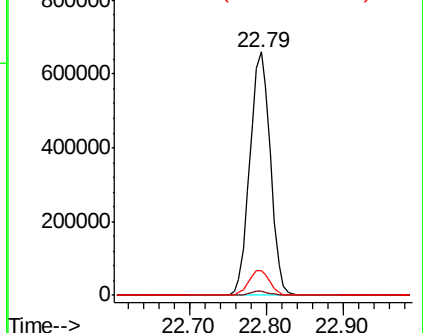
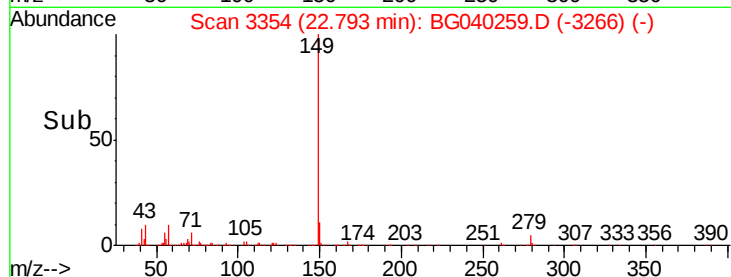
43 10.4 8.7 13.1



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: 43.683 ng

RT: 28.82 min Scan# 4380

Delta R.T. -0.00 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

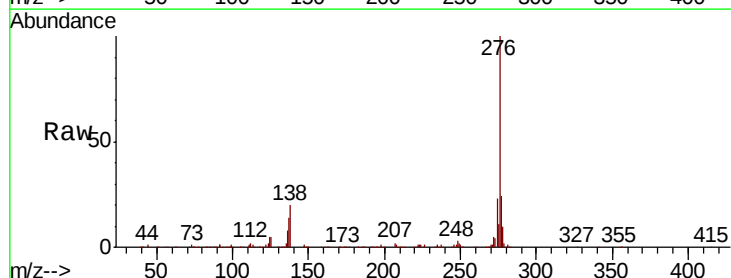
Tgt Ion:276 Resp: 1352307

Ion Ratio Lower Upper

276 100

138 8.3 18.8 28.2#

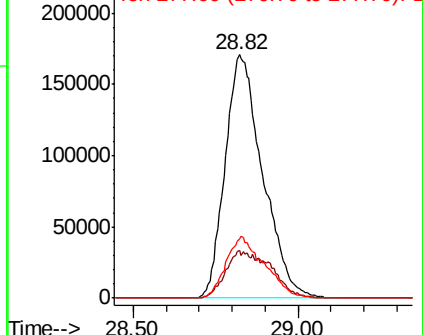
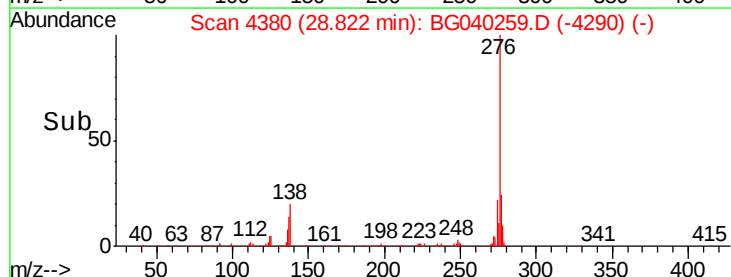
277 26.0 21.0 31.4

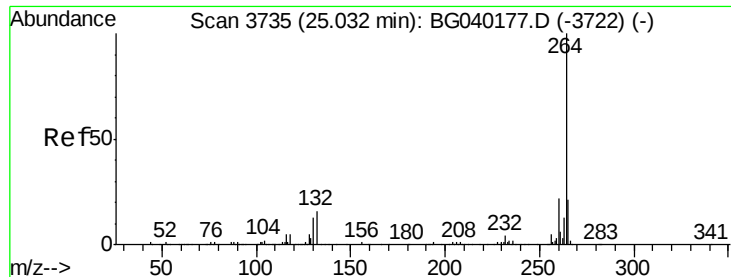


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



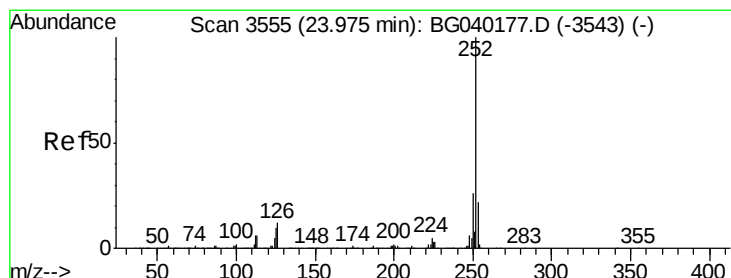
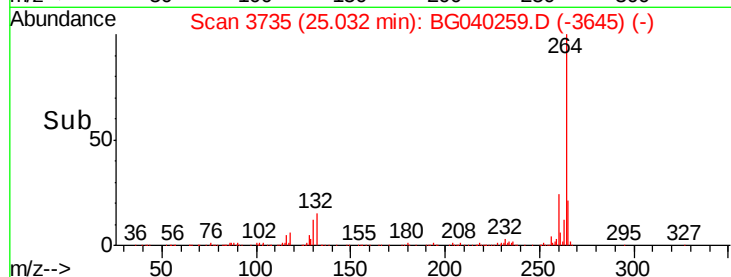
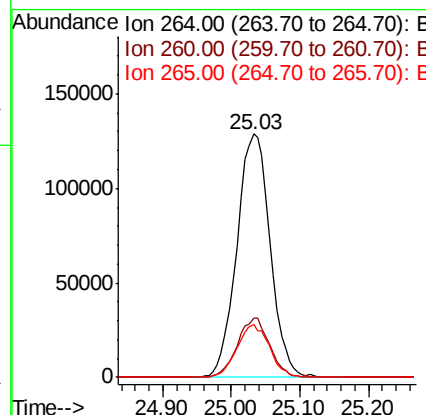
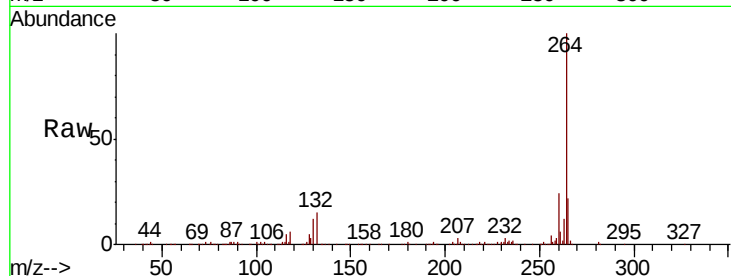


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.00 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMSD

Tgt Ion: 264 Resp: 434586

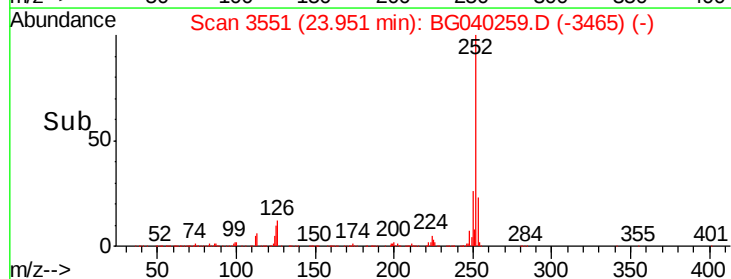
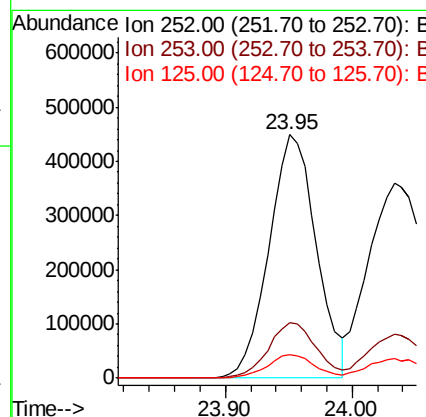
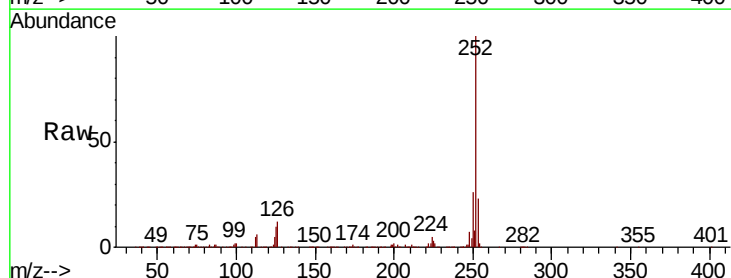
Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.9	26.9
265	21.5	16.8	25.2

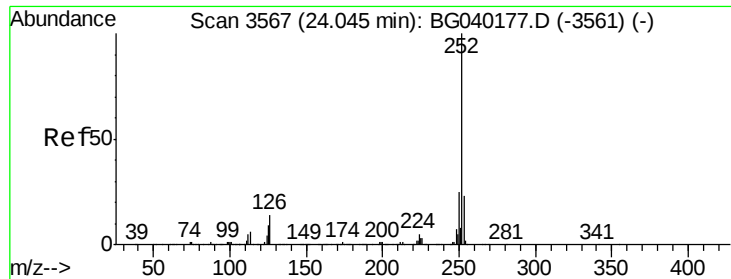


#88
Benzo(b)fluoranthene
Concen: 44.012 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.02 min
Lab File: BG040259.D
Acq: 30 Mar 2019 13:15

Tgt Ion: 252 Resp: 1171033

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.7	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 46.693 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

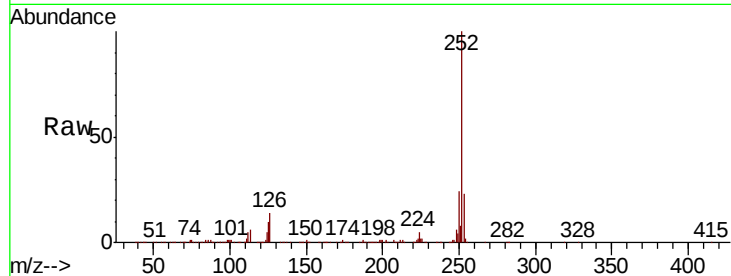
Tgt Ion:252 Resp: 1142495

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

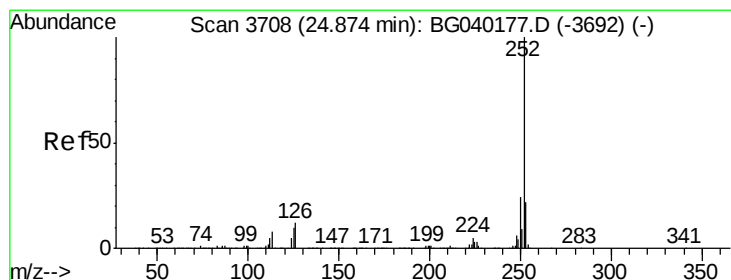
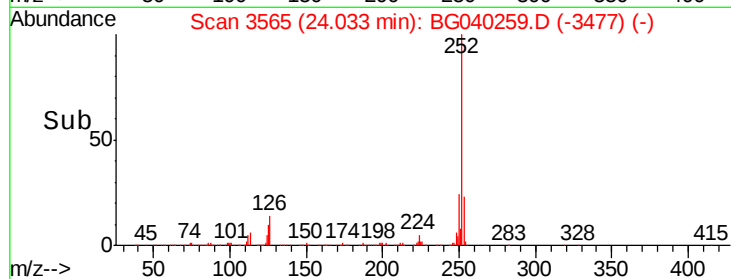
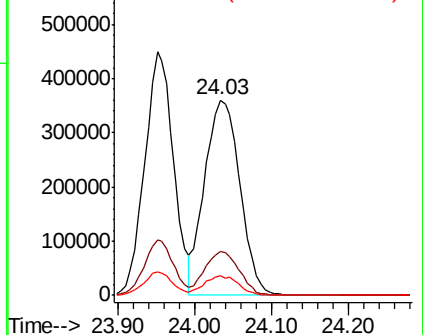
125 9.9 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.969 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

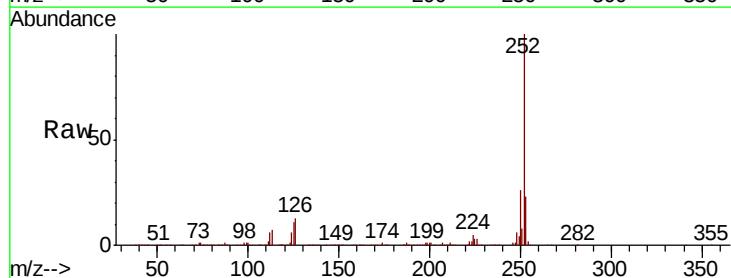
Tgt Ion:252 Resp: 1147590

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

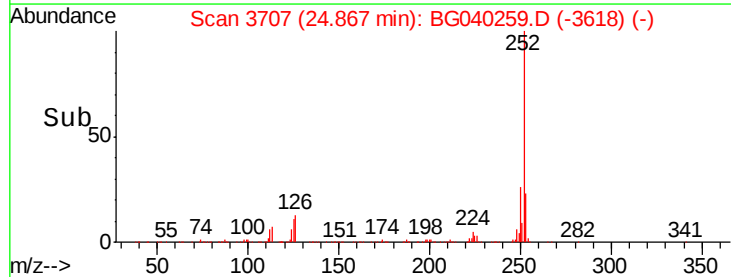
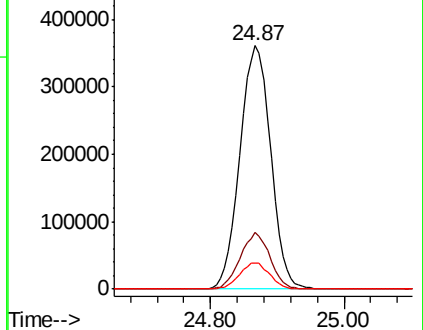
125 10.7 8.3 12.5

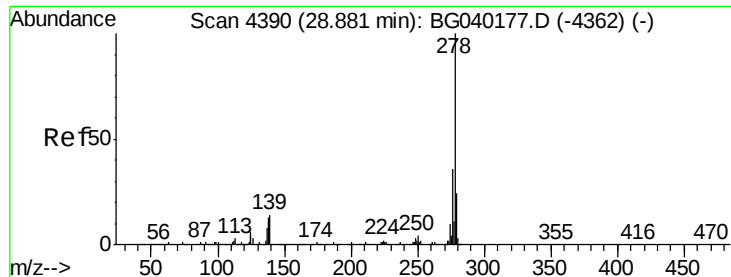


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.438 ng

RT: 28.92 min Scan# 4396

Delta R.T. 0.03 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMSD

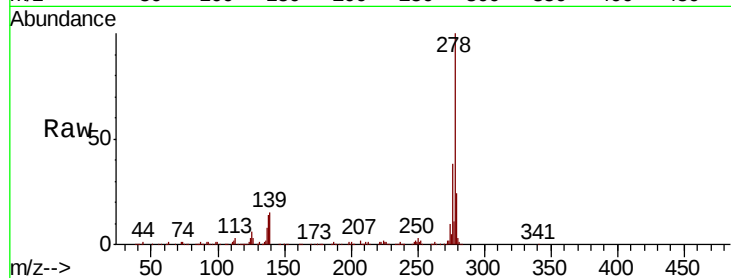
Tgt Ion:278 Resp: 1099890

Ion Ratio Lower Upper

278 100

139 15.0 11.2 16.8

279 23.7 18.9 28.3

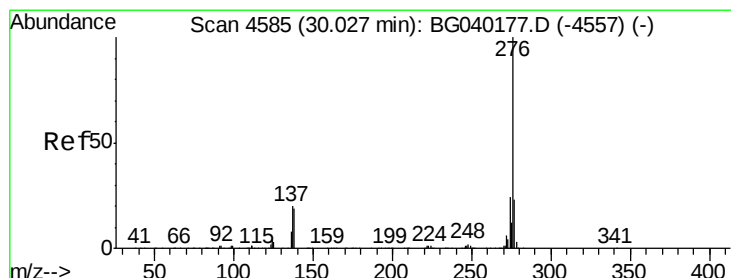
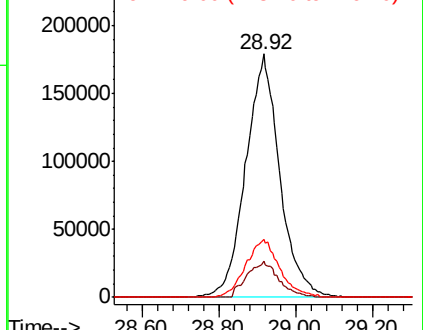
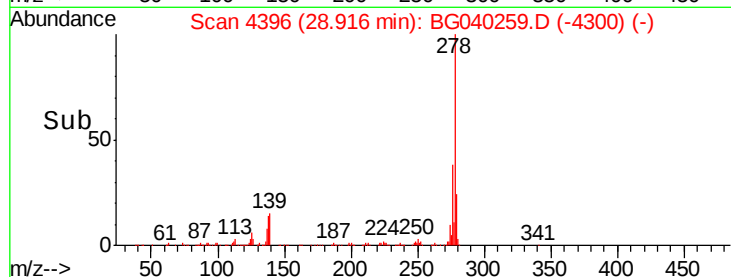


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.334 ng

RT: 30.11 min Scan# 4600

Delta R.T. 0.09 min

Lab File: BG040259.D

Acq: 30 Mar 2019 13:15

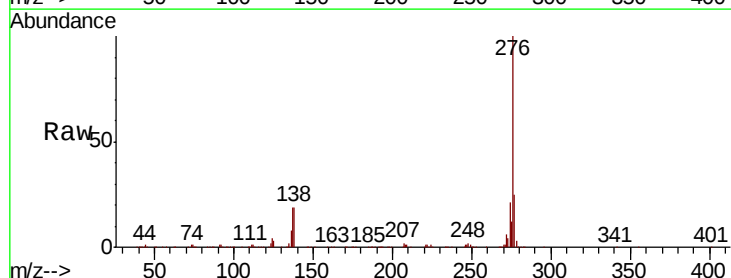
Tgt Ion:276 Resp: 1127879

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 19.4 15.2 22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

