

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040124.D
 Acq On : 25 Mar 2019 19:33
 Operator : JU/SJ
 Sample : K2040-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Quant Time: Mar 26 02:55:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34325	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	154527	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	112530	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	286339	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	281590	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297741	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	269182	133.79	ng	-0.02
7) Phenol-d6	7.29	99	374213	124.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	251752	88.11	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	193928	147.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	614966	77.81	ng	-0.03
79) Terphenyl-d14	20.11	244	1126338	88.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	32238	34.706	ng	# 48
3) Pyridine	3.99	79	70716	28.437	ng	94
4) n-Nitrosodimethylamine	3.90	42	46294	39.241	ng	91
6) Aniline	7.47	93	37333	9.498	ng	95
8) 2-Chlorophenol	7.70	128	106020	43.434	ng	94
9) Benzaldehyde	7.28	77	29055	15.014	ng	98
10) Phenol	7.32	94	129990	39.997	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	103835	40.978	ng	97
12) 1,3-Dichlorobenzene	8.02	146	96773	35.054	ng	98
13) 1,4-Dichlorobenzene	8.18	146	102287	36.376	ng	99
14) 1,2-Dichlorobenzene	8.49	146	98230	36.155	ng	97
15) Benzyl Alcohol	8.38	79	100472	42.219	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	193263	38.135	ng	95
17) 2-Methylphenol	8.58	107	91803	44.300	ng	99
18) Hexachloroethane	9.22	117	35183	34.870	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	86784	40.190	ng	93
20) 3+4-Methylphenols	8.90	107	127008	44.117	ng	98
22) Acetophenone	8.97	105	166531	40.153	ng	# 94
24) Nitrobenzene	9.36	77	129001	43.038	ng	94
25) Isophorone	9.87	82	249760	41.719	ng	100
26) 2-Nitrophenol	10.07	139	62934	43.487	ng	94
27) 2,4-Dimethylphenol	10.12	122	106829	47.463	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	149398	41.065	ng	97
29) 2,4-Dichlorophenol	10.60	162	121046	47.766	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	115363	40.456	ng	99
31) Naphthalene	11.01	128	336226	41.096	ng	99
32) Benzoic acid	10.23	122	35134	26.208	ng	99
33) 4-Chloroaniline	11.13	127	10699	3.084	ng	97
34) Hexachlorobutadiene	11.27	225	74278	38.119	ng	95
35) Caprolactam	11.91	113	22831	23.585	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	136086	46.847	ng	98
37) 2-Methylnaphthalene	12.61	142	262760	42.957	ng	98
38) 1-Methylnaphthalene	12.82	142	256412	43.136	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	149686	39.265	ng	99

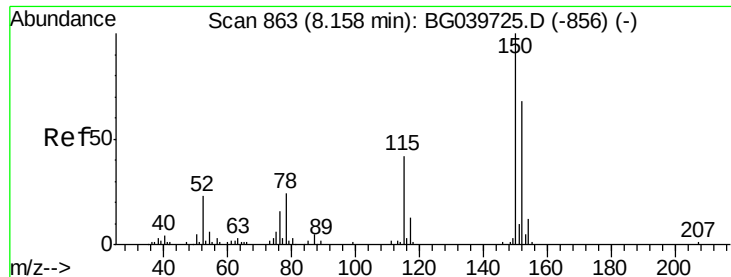
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
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 Acq On : 25 Mar 2019 19:33
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	178727	87.483	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	106371	47.660	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	116334	46.242	ng	97
46) 1,1'-Biphenyl	13.60	154	374154	40.425	ng	97
47) 2-Chloronaphthalene	13.65	162	287334	41.267	ng	98
48) 2-Nitroaniline	13.86	65	102326	45.730	ng	99
49) Acenaphthylene	14.49	152	467650	40.914	ng	100
50) Dimethylphthalate	14.22	163	408037	43.364	ng	100
51) 2,6-Dinitrotoluene	14.34	165	90640	45.438	ng	99
52) Acenaphthene	14.83	154	287359	41.770	ng	100
53) 3-Nitroaniline	14.68	138	19512	9.731	ng	# 88
54) 2,4-Dinitrophenol	14.89	184	62590	51.741	ng	98
55) Dibenzofuran	15.16	168	482992	42.791	ng	99
56) 4-Nitrophenol	14.98	139	134278	74.857	ng	92
57) 2,4-Dinitrotoluene	15.13	165	131869	47.047	ng	85
58) Fluorene	15.81	166	388645	43.800	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.38	232	120885	49.202	ng	97
60) Diethylphthalate	15.57	149	420049	45.094	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	206261	43.561	ng	99
62) 4-Nitroaniline	15.84	138	88754	40.828	ng	91
63) Azobenzene	16.09	77	363348	43.032	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	59779	35.309	ng	92
66) n-Nitrosodiphenylamine	16.01	169	362784	43.764	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	139905	43.651	ng	96
68) Hexachlorobenzene	16.81	284	143714	43.257	ng	96
69) Atrazine	16.95	200	146667	44.956	ng	97
70) Pentachlorophenol	17.15	266	152693	72.773	ng	97
71) Phenanthrene	17.56	178	673505	42.703	ng	99
72) Anthracene	17.65	178	685218	44.583	ng	99
73) Carbazole	17.92	167	596489	43.050	ng	99
74) Di-n-butylphthalate	18.44	149	729482	44.747	ng	99
75) Fluoranthene	19.56	202	802686	43.064	ng	98
77) Benzidine	19.74	184	14602	1.634	ng	# 90
78) Pyrene	19.92	202	813642	44.466	ng	99
80) Butylbenzylphthalate	20.78	149	331695	46.790	ng	94
81) Benzo(a)anthracene	21.78	228	765386	43.369	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	76317	11.845	ng	97
83) Chrysene	21.85	228	735374	42.981	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	460397	46.216	ng	100
85) Di-n-octyl phthalate	22.89	149	786036	47.654	ng	94
86) Indeno(1,2,3-cd)pyrene	29.02	276	878889	45.281	ng	# 96
88) Benzo(b)fluoranthene	24.08	252	787425	44.350	ng	99
89) Benzo(k)fluoranthene	24.15	252	738421	44.679	ng	99
90) Benzo(a)pyrene	24.99	252	743212	45.300	ng	99
91) Dibenzo(a,h)anthracene	29.09	278	722921	44.946	ng	98
92) Benzo(g,h,i)perylene	30.24	276	729853	45.182	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

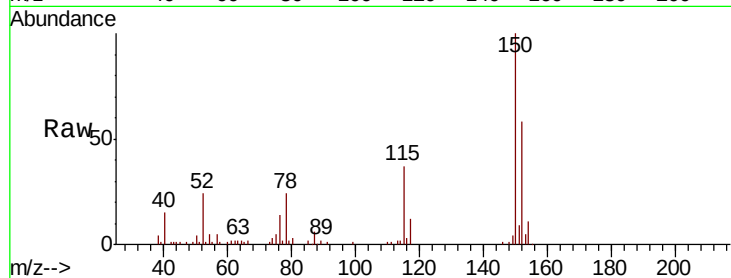
Tgt Ion:152 Resp: 34325

Ion Ratio Lower Upper

152 100

150 171.5 123.7 185.5

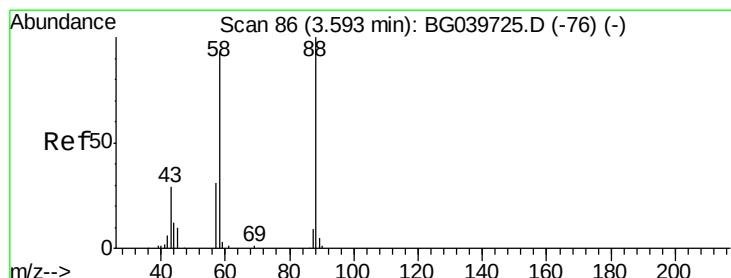
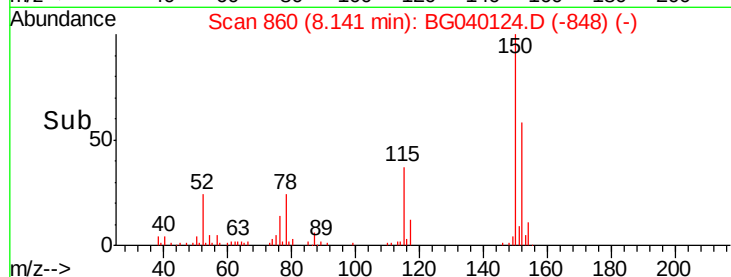
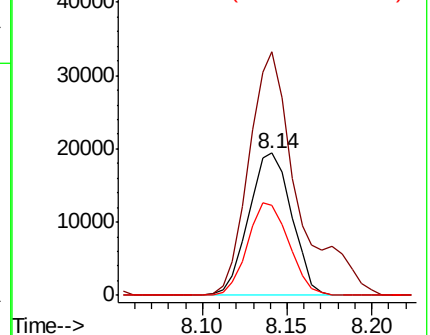
115 63.8 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.706 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

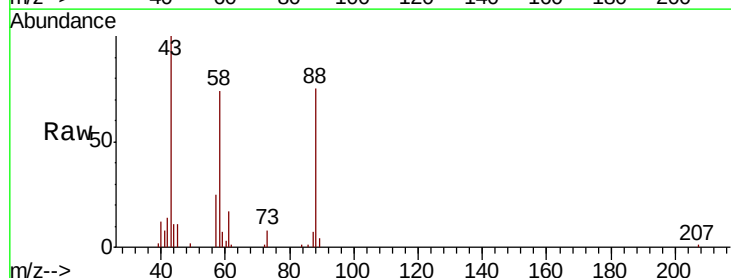
Tgt Ion: 88 Resp: 32238

Ion Ratio Lower Upper

88 100

58 96.7 81.1 121.7

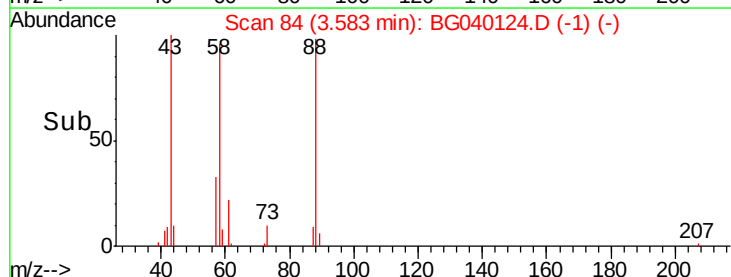
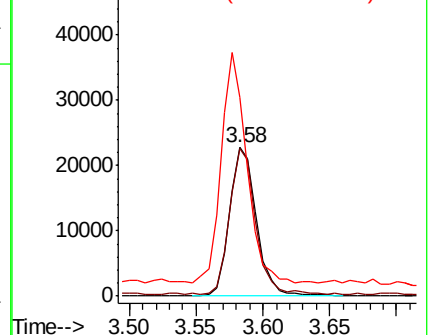
43 146.4 31.4 47.0#

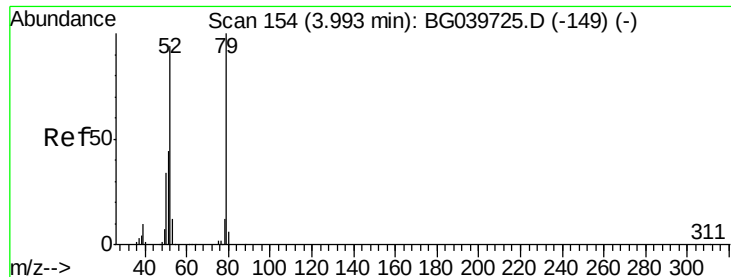


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.437 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

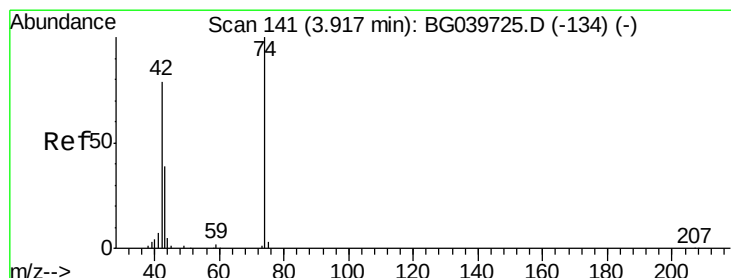
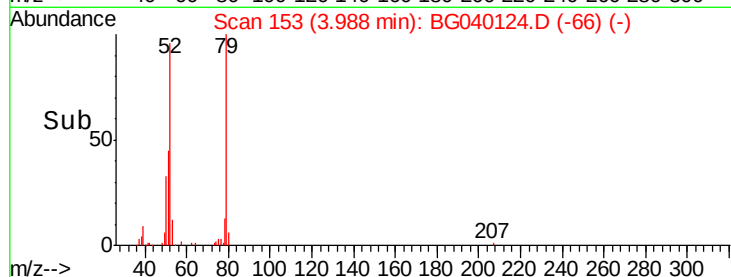
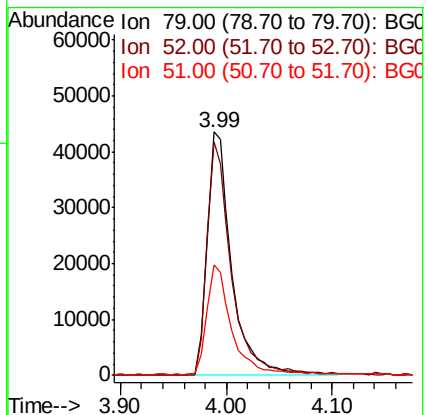
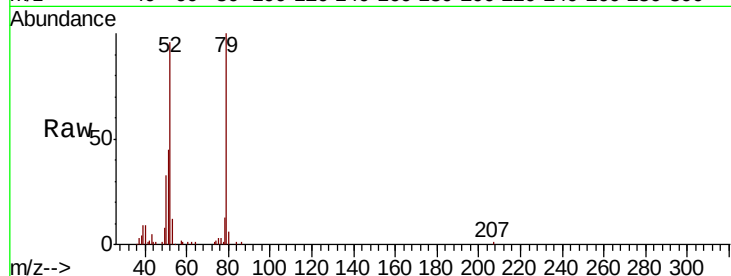
Tgt Ion: 79 Resp: 70716

Ion Ratio Lower Upper

79 100

52 95.7 82.6 124.0

51 45.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.241 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

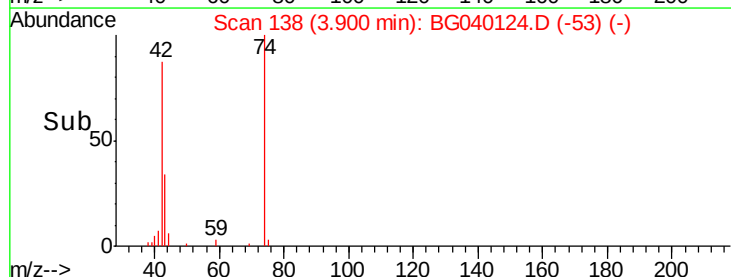
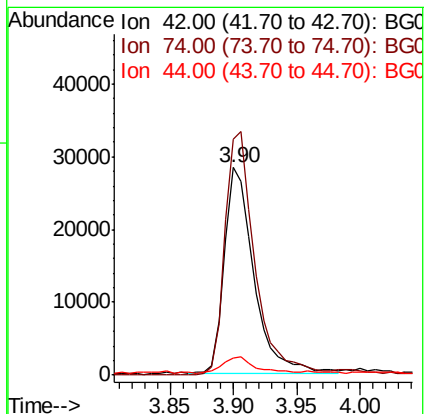
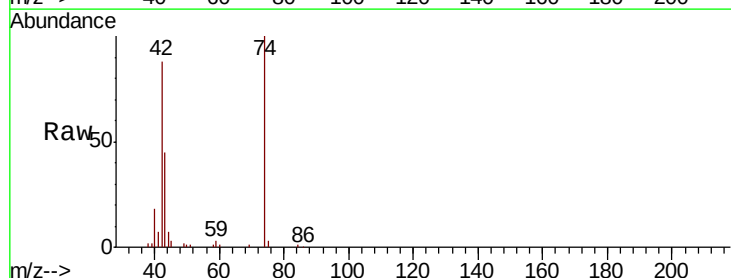
Tgt Ion: 42 Resp: 46294

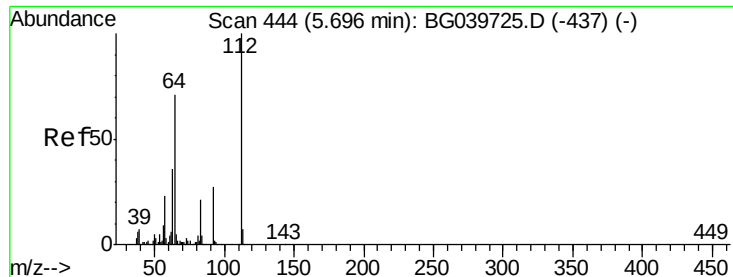
Ion Ratio Lower Upper

42 100

74 113.8 83.6 125.4

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 133.788 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

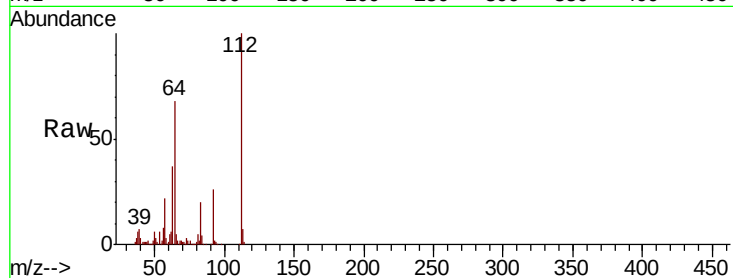
Tgt Ion:112 Resp: 269182

Ion Ratio Lower Upper

112 100

64 68.4 57.8 86.8

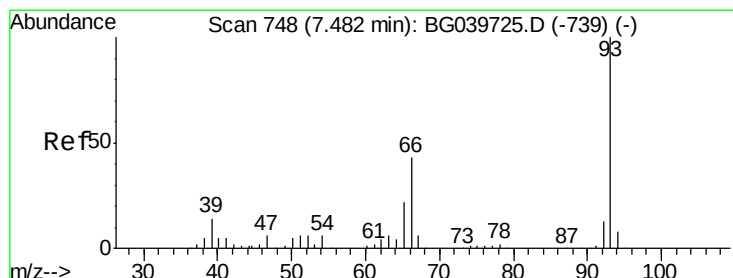
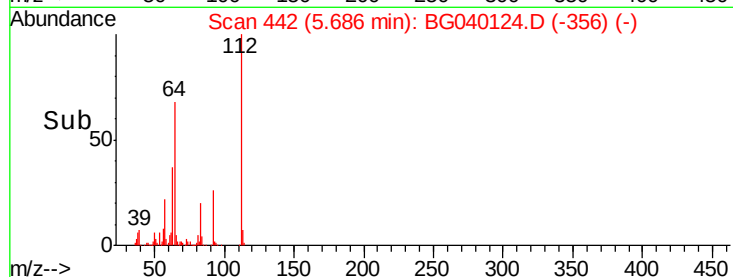
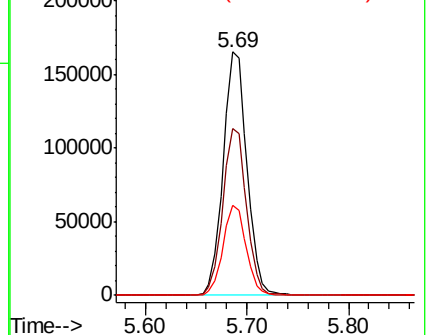
63 36.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.498 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

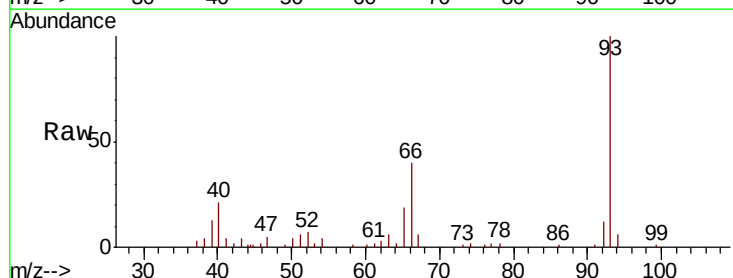
Tgt Ion: 93 Resp: 37333

Ion Ratio Lower Upper

93 100

66 39.9 34.2 51.4

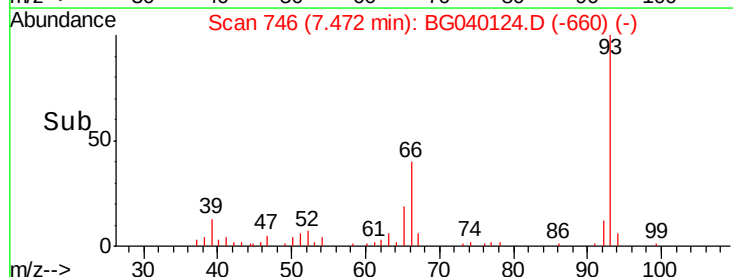
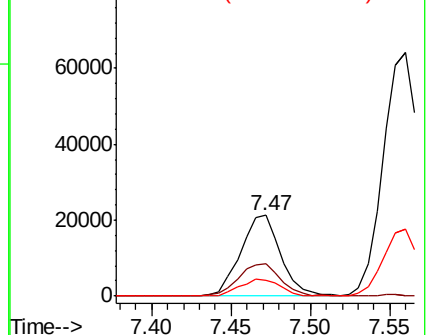
65 19.1 17.7 26.5

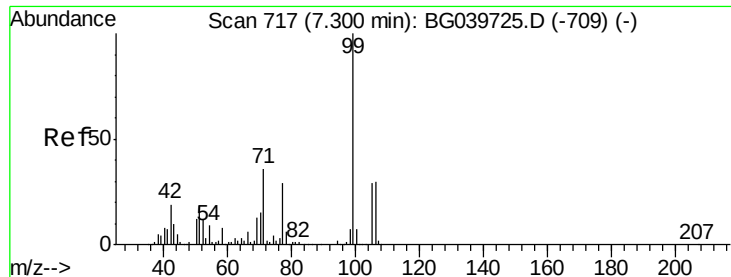


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.737 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

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ClientSampleId :

S4B(2-10)MS

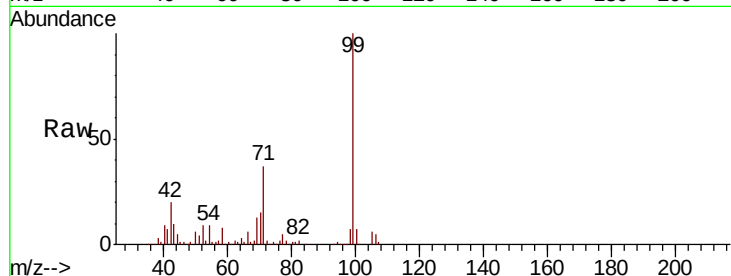
Tgt Ion: 99 Resp: 374213

Ion Ratio Lower Upper

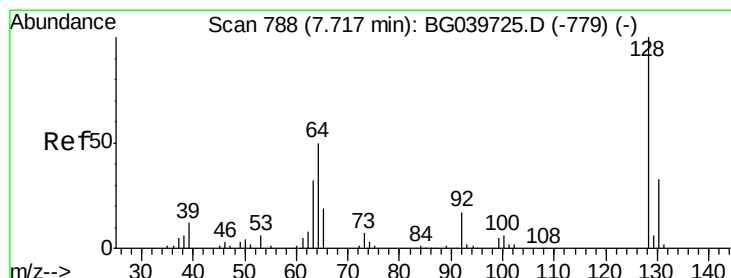
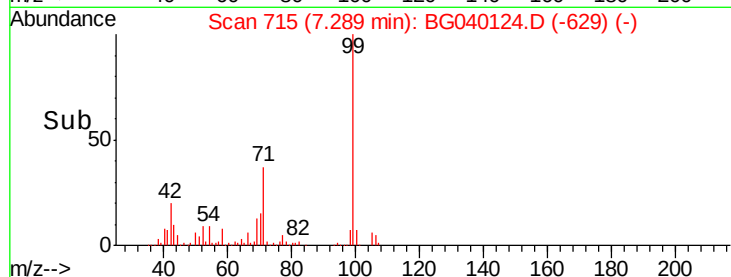
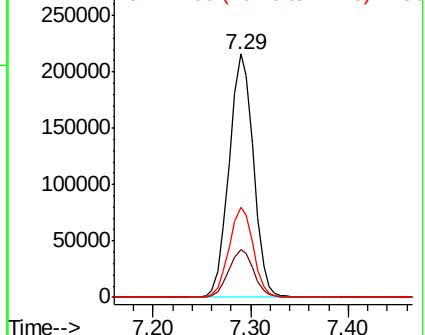
99 100

42 19.5 18.2 27.2

71 37.1 28.0 42.0



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: 43.434 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

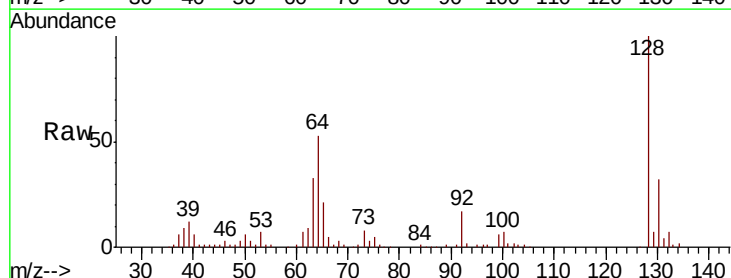
Tgt Ion: 128 Resp: 106020

Ion Ratio Lower Upper

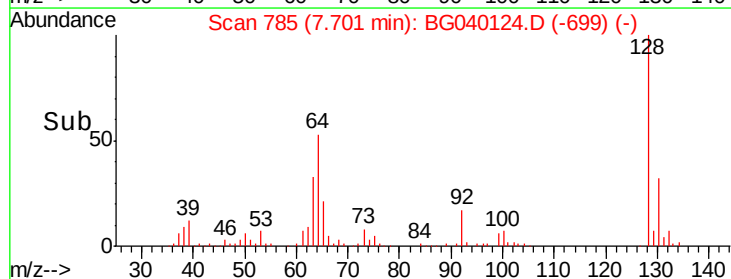
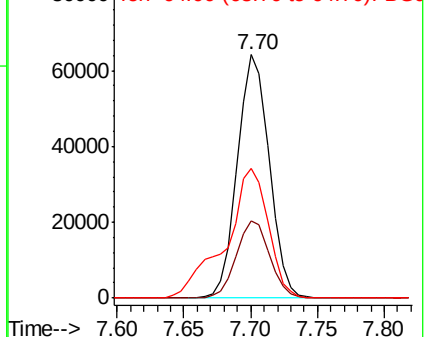
128 100

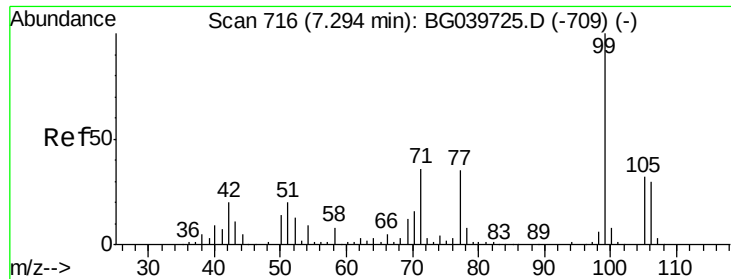
130 31.6 12.9 52.9

64 53.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 15.014 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

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S4B(2-10)MS

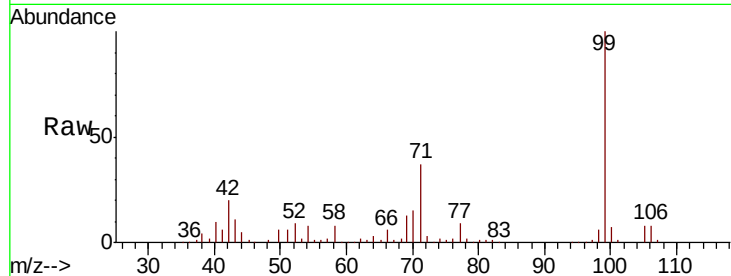
Tgt Ion: 77 Resp: 29055

Ion Ratio Lower Upper

77 100

105 95.6 74.5 114.5

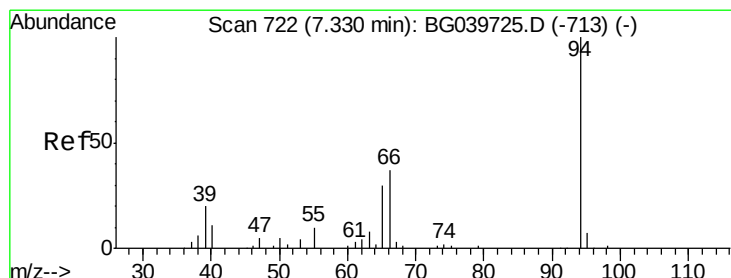
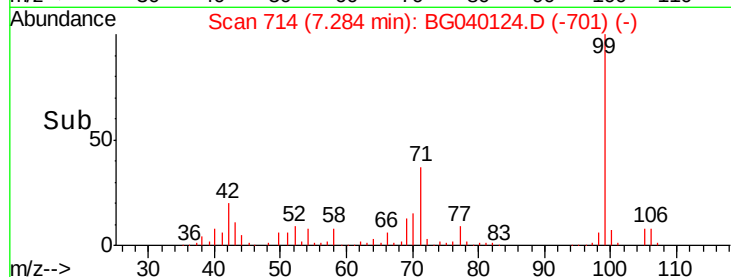
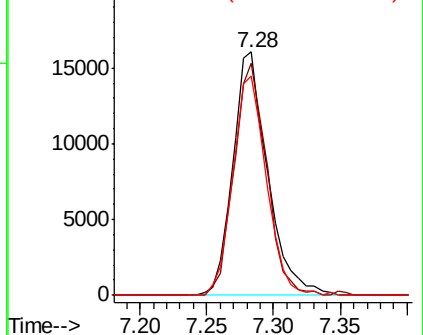
106 90.1 68.0 108.0



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: 39.997 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

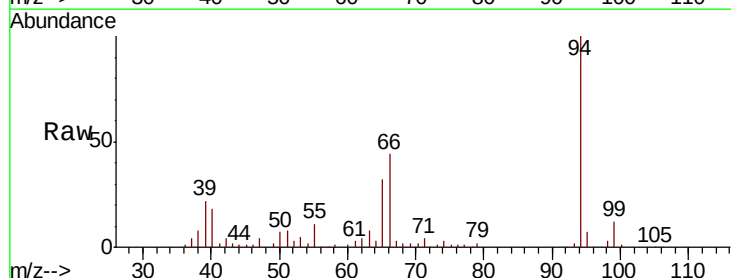
Tgt Ion: 94 Resp: 129990

Ion Ratio Lower Upper

94 100

65 32.0 11.7 51.7

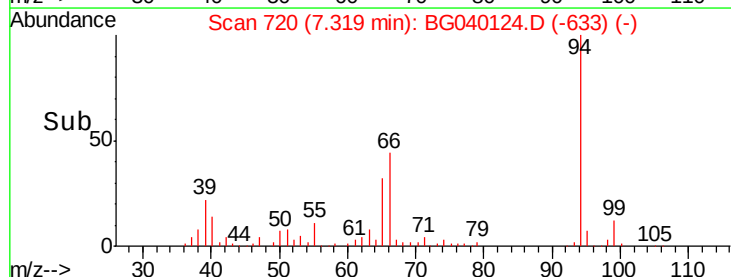
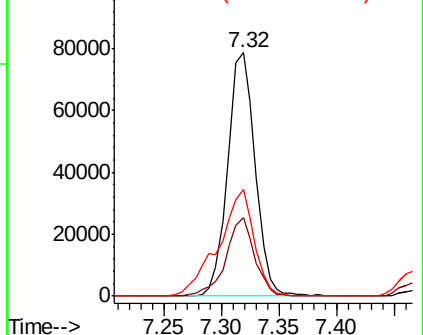
66 43.6 23.7 63.7

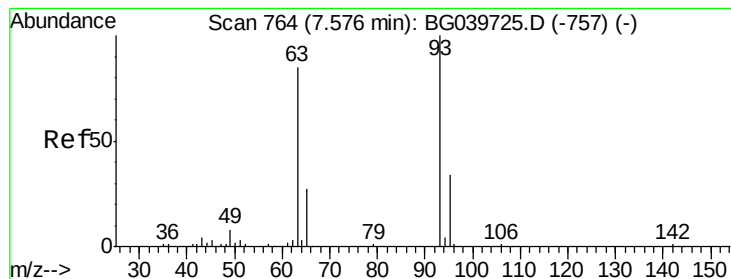


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.978 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

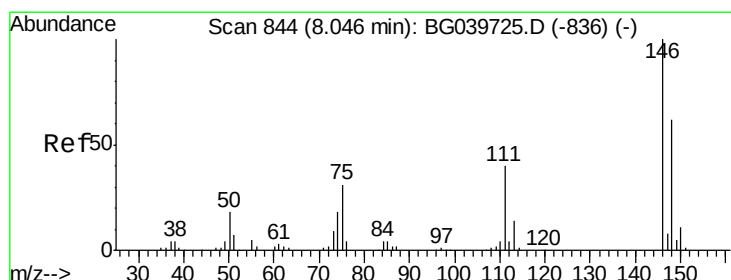
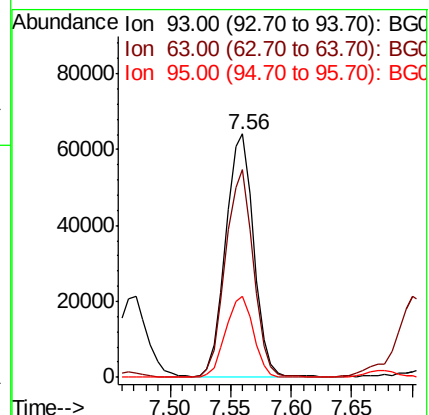
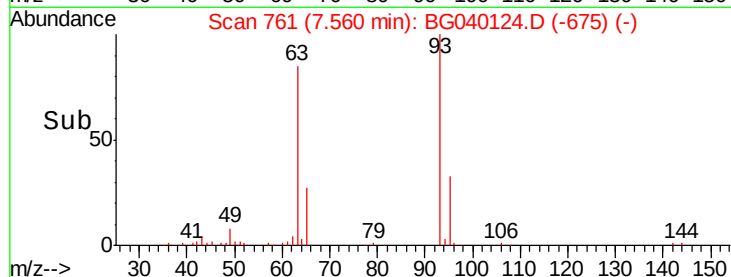
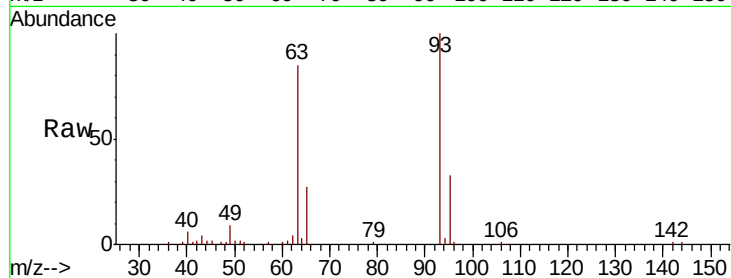
Tgt Ion: 93 Resp: 103835

Ion Ratio Lower Upper

93 100

63 85.5 69.5 109.5

95 33.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 35.054 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

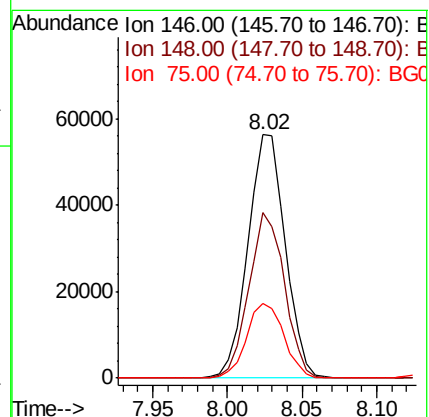
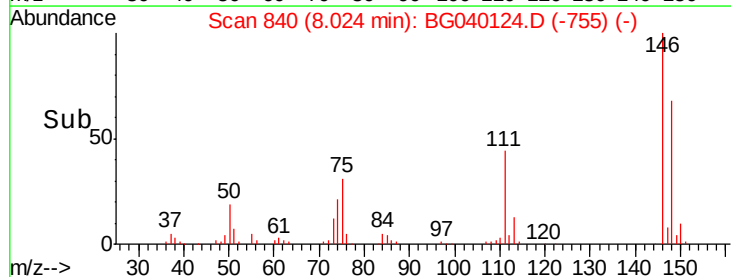
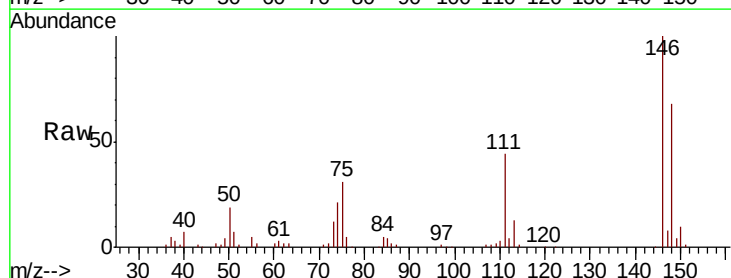
Tgt Ion: 146 Resp: 96773

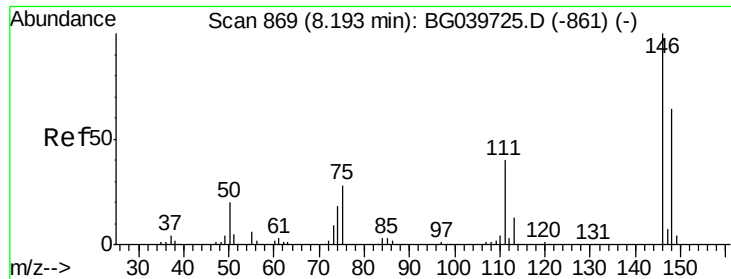
Ion Ratio Lower Upper

146 100

148 67.8 52.6 79.0

75 30.9 25.8 38.6

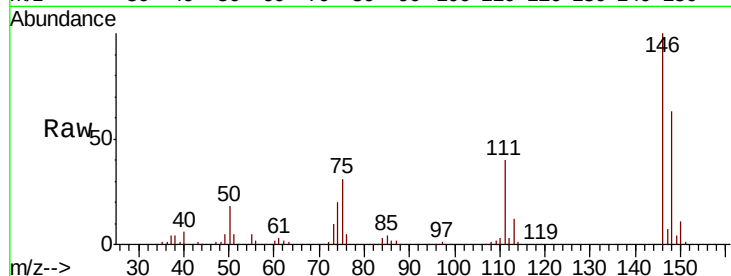




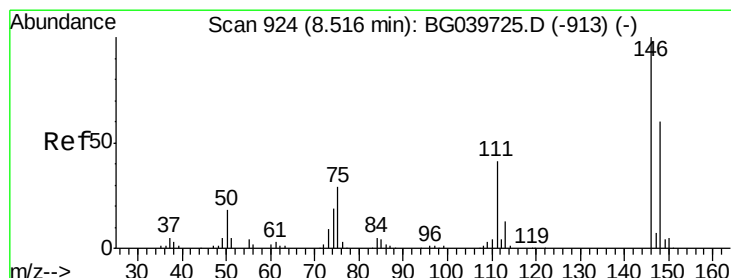
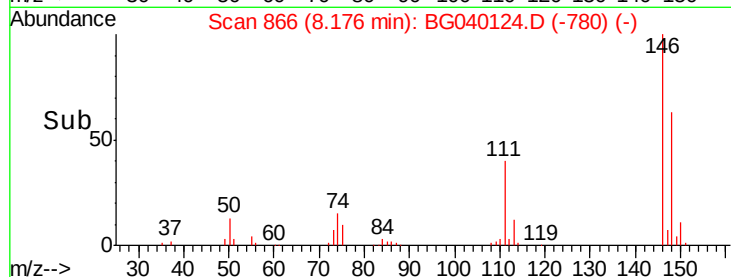
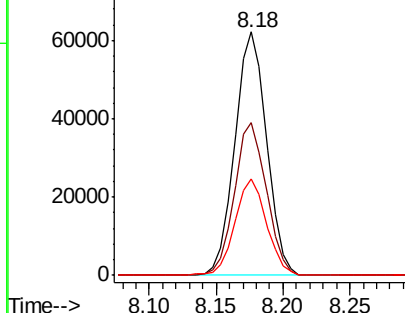
#13
 1,4-Dichlorobenzene
 Concen: 36.376 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:146 Resp: 102287
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 39.8 32.6 48.8

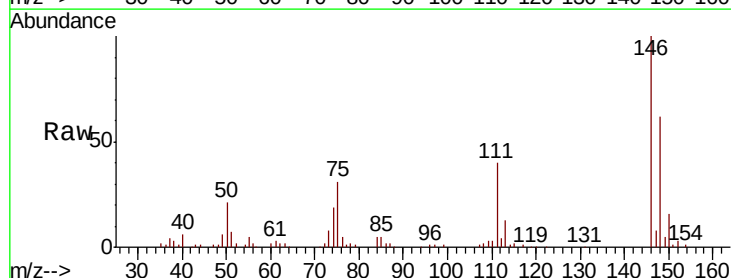


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

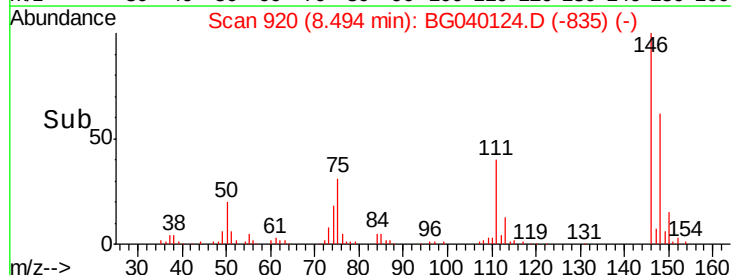
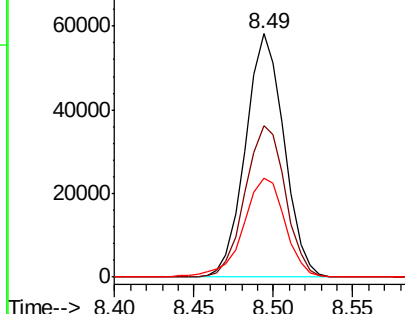


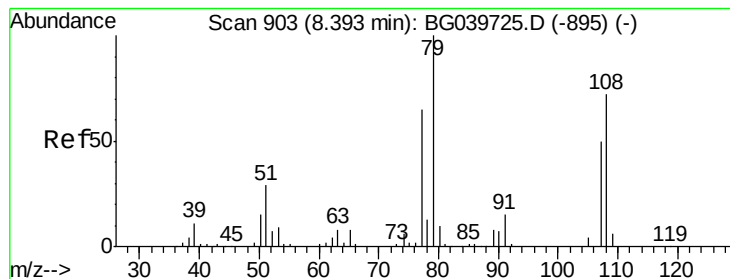
#14
 1,2-Dichlorobenzene
 Concen: 36.155 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:146 Resp: 98230
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.5 77.3
 111 40.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.219 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

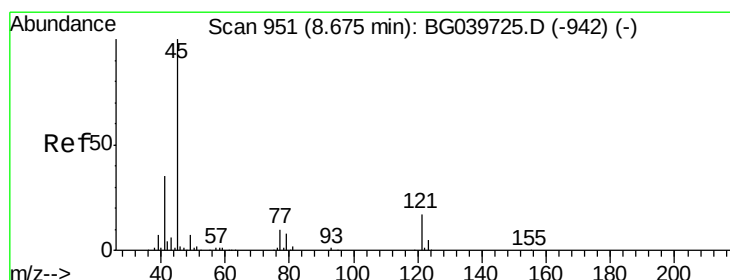
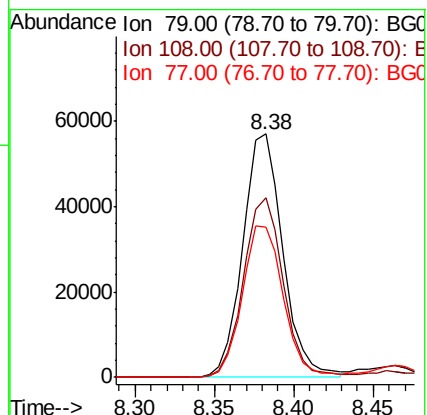
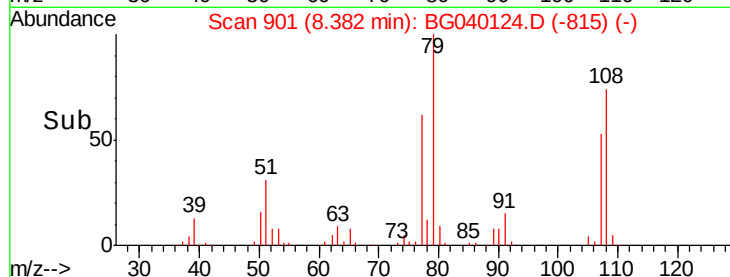
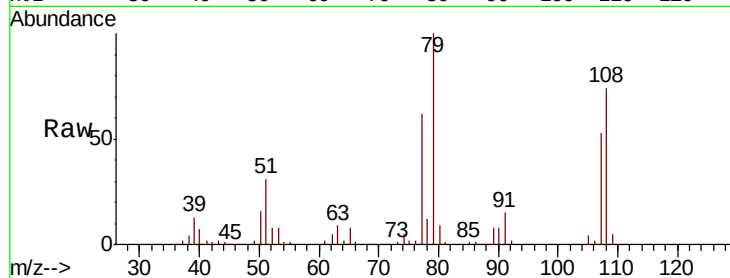
Tgt Ion: 79 Resp: 100472

Ion Ratio Lower Upper

79 100

108 73.6 57.8 86.6

77 61.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.135 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

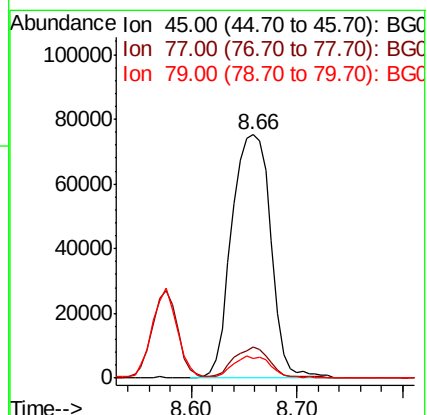
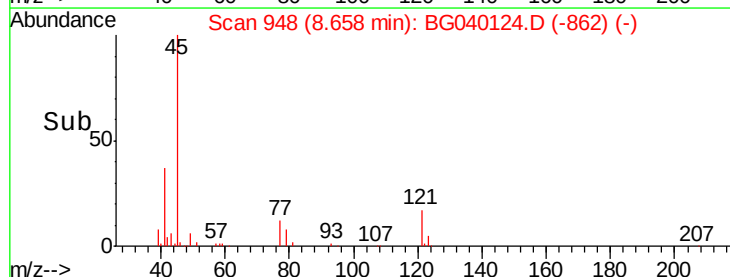
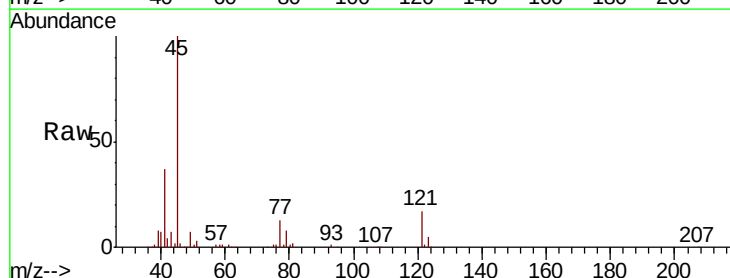
Tgt Ion: 45 Resp: 193263

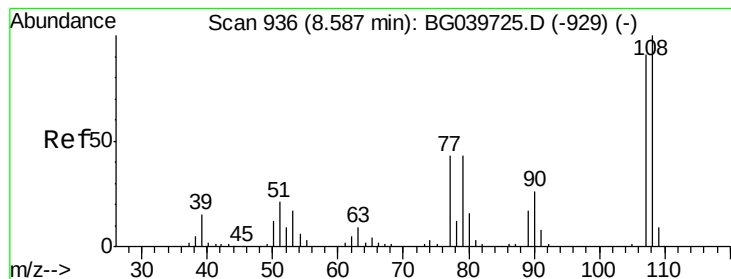
Ion Ratio Lower Upper

45 100

77 12.6 0.0 30.0

79 8.2 0.0 27.5





#17

2-Methylphenol

Concen: 44.300 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

Tgt Ion:107 Resp: 91803

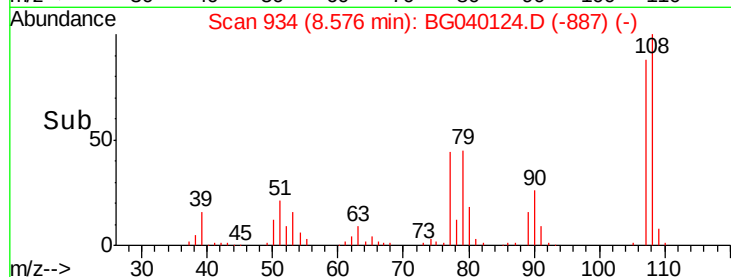
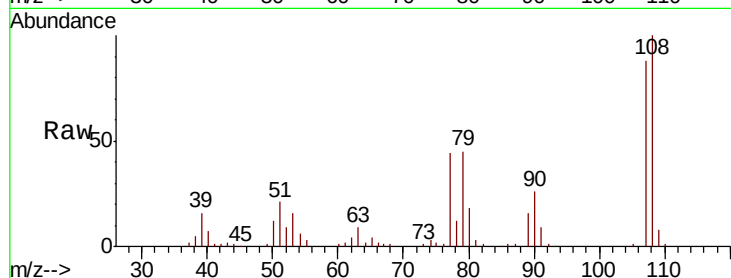
Ion Ratio Lower Upper

107 100

108 113.7 90.8 136.2

77 50.6 40.7 61.1

79 51.7 40.6 60.8

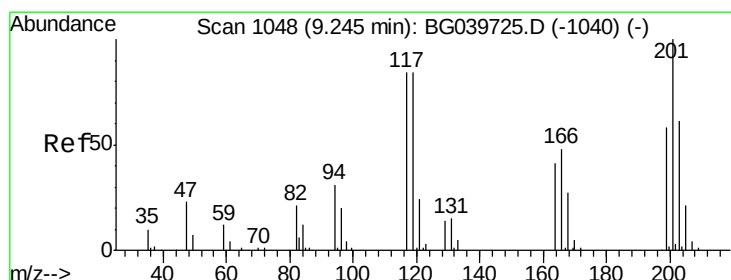
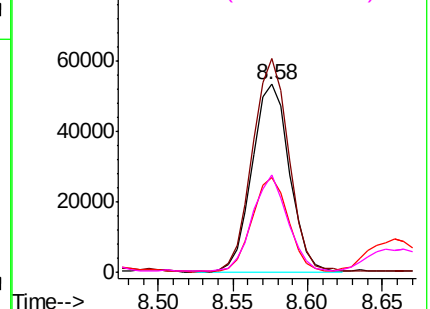


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.870 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

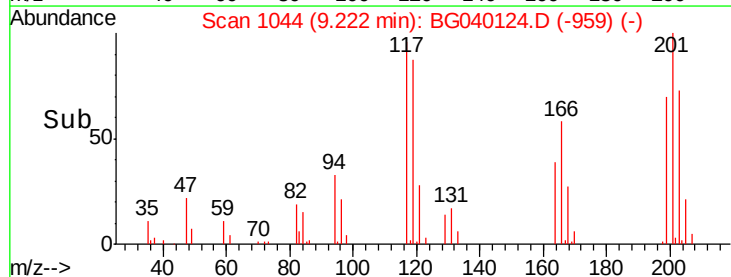
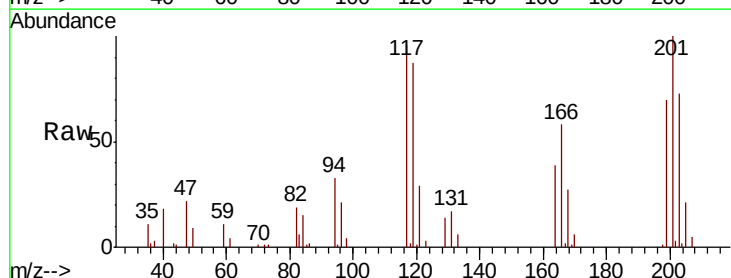
Tgt Ion:117 Resp: 35183

Ion Ratio Lower Upper

117 100

119 90.8 76.3 114.5

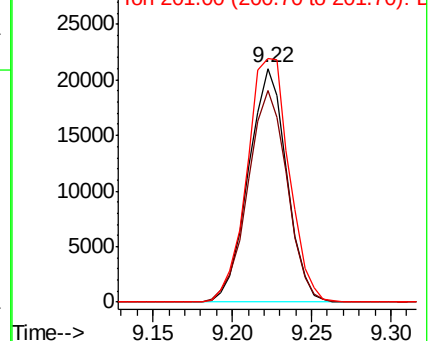
201 104.3 91.1 136.7

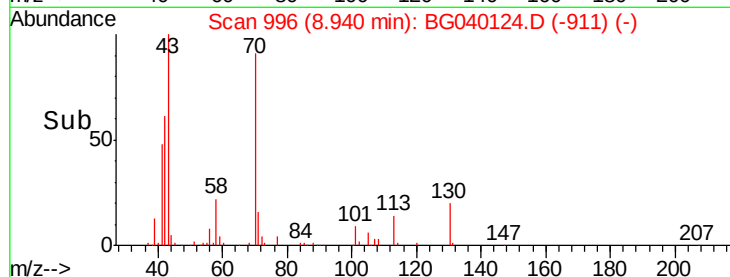
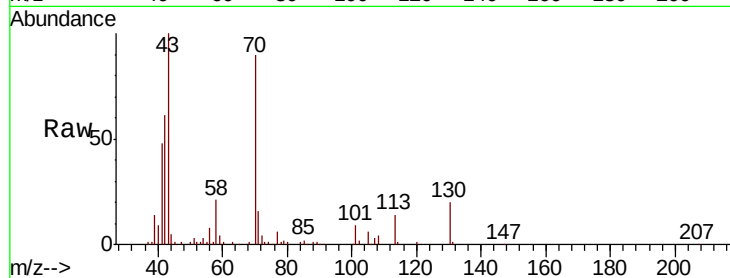
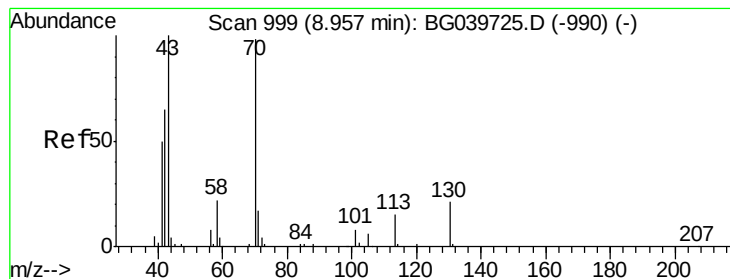


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.190 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

Tgt Ion: 70 Resp: 86784

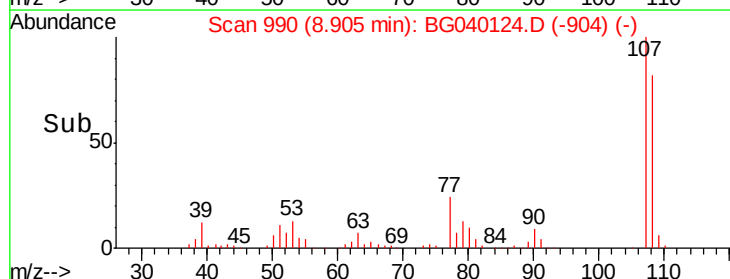
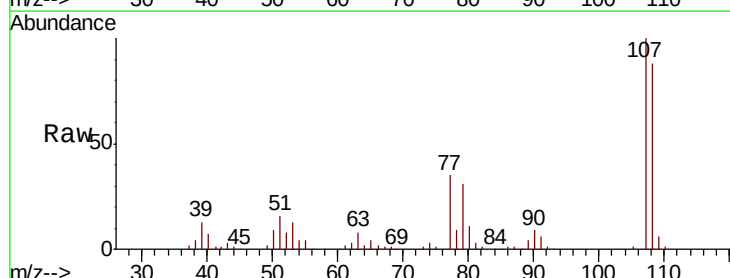
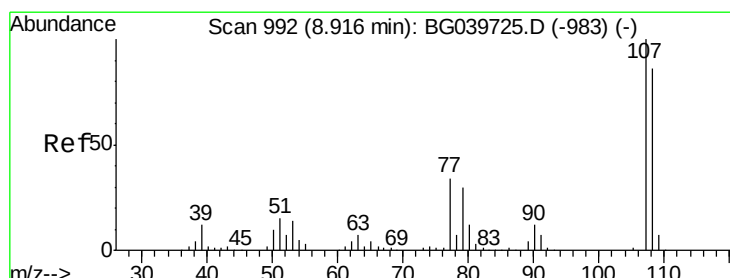
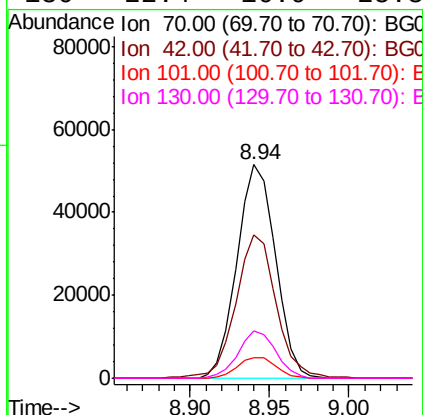
Ion Ratio Lower Upper

70 100

42 67.4 60.4 90.6

101 9.5 7.5 11.3

130 22.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 44.117 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion: 107 Resp: 127008

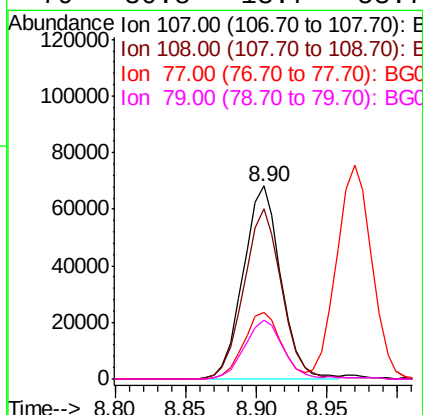
Ion Ratio Lower Upper

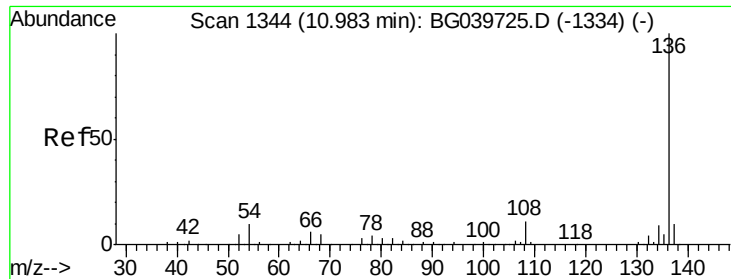
107 100

108 88.4 67.9 107.9

77 34.7 15.4 55.4

79 30.8 13.7 53.7

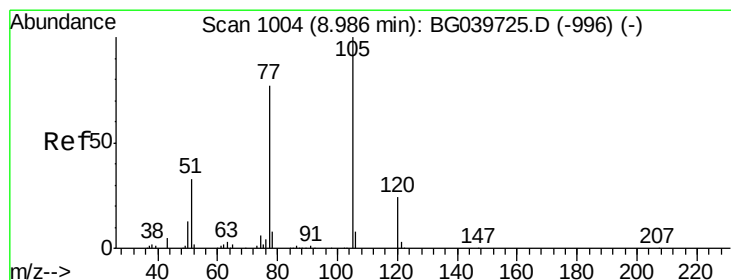
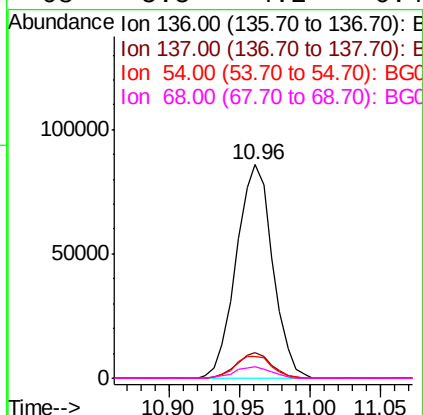
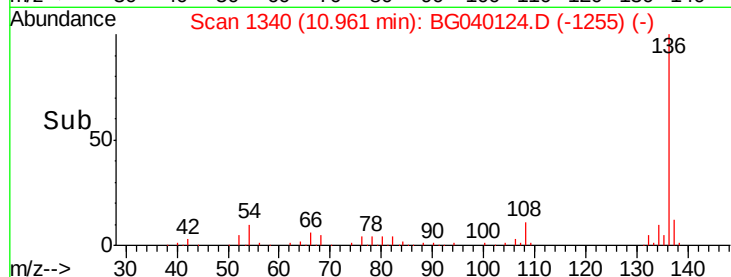
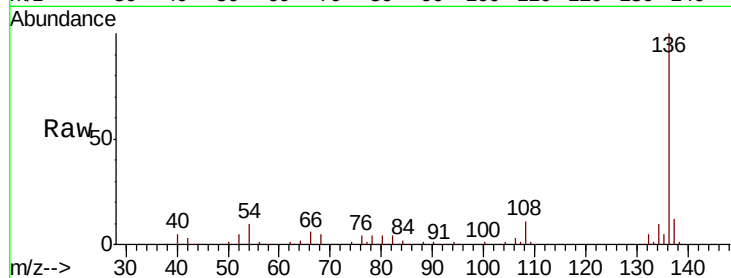




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

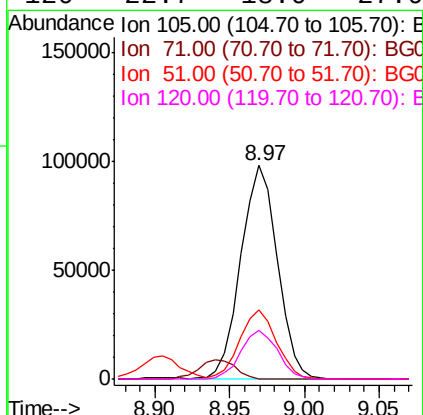
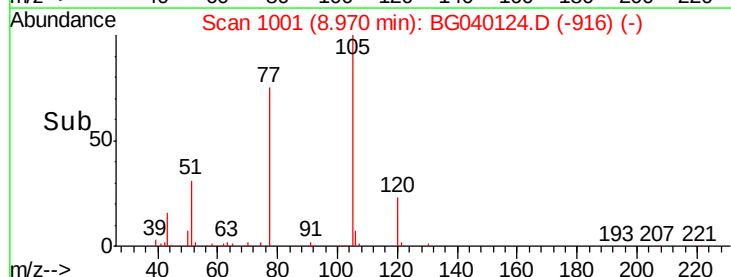
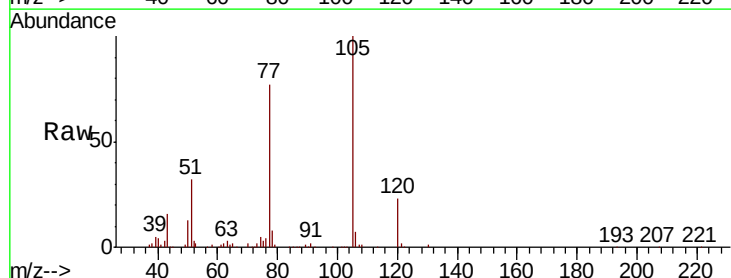
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

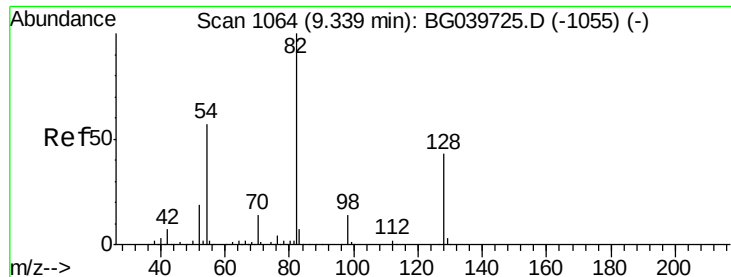
Tgt Ion:	136	Resp:	154527
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.5	9.4	14.2
68	5.5	4.2	6.4



#22
Acetophenone
Concen: 40.153 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:	105	Resp:	166531
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	32.1	30.2	45.2
120	22.7	18.0	27.0

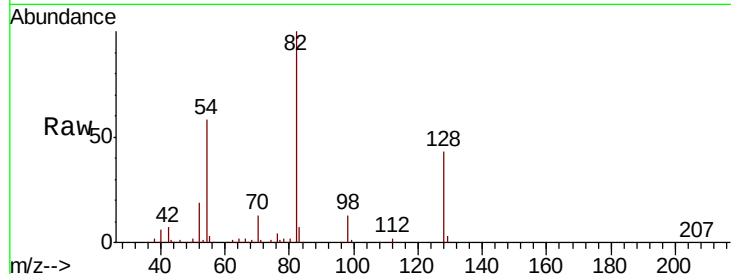




#23
Nitrobenzene-d5
Concen: 88.113 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.2	50.9	76.3

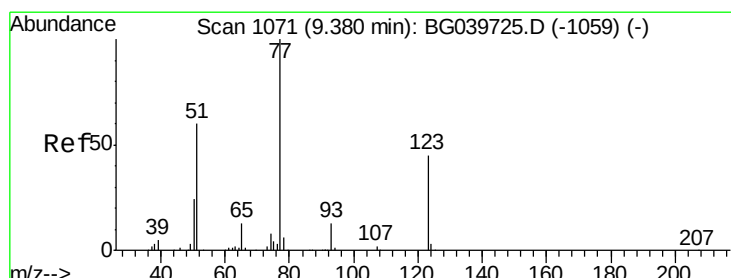
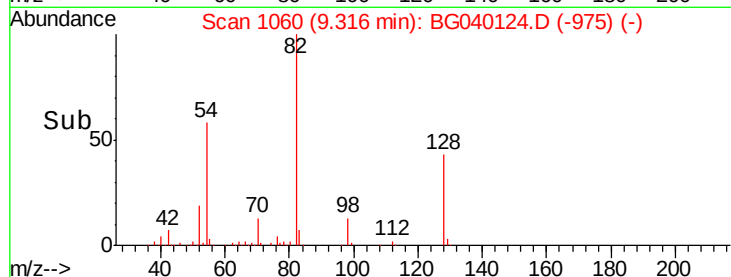
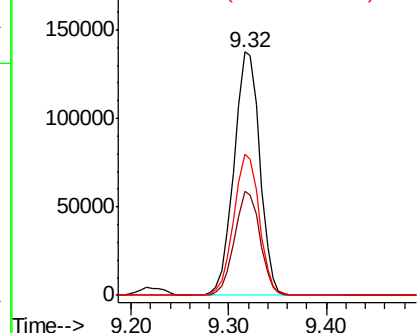


Abundance

Ion 82.00 (81.70 to 82.70): BGC

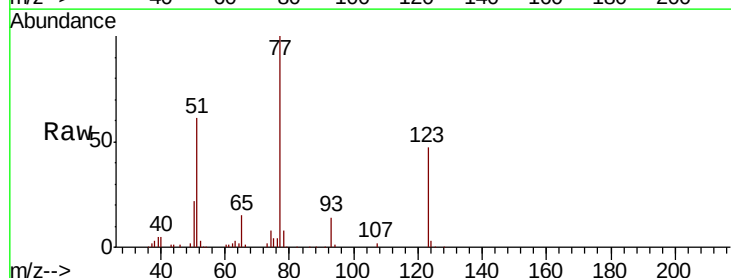
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 43.038 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	34.1	51.1
65	14.6	12.3	18.5

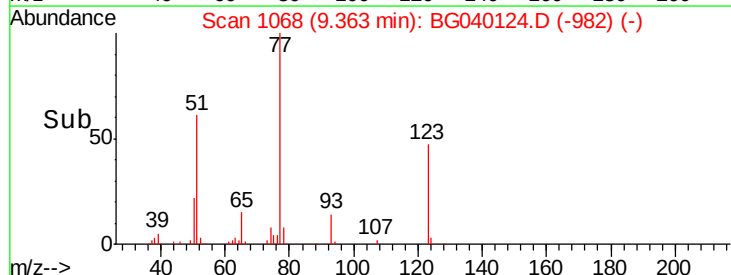
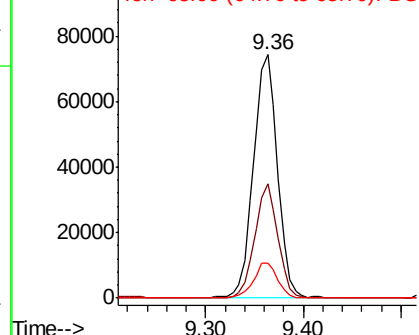


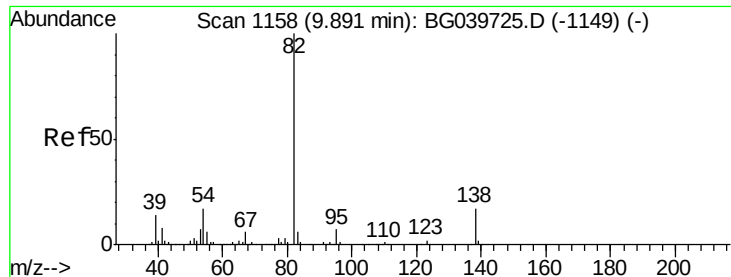
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.719 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

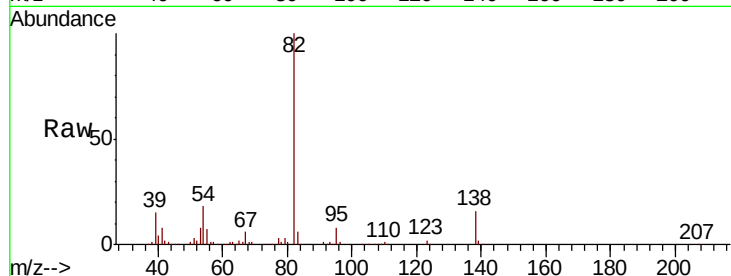
Tgt Ion: 82 Resp: 249760

Ion Ratio Lower Upper

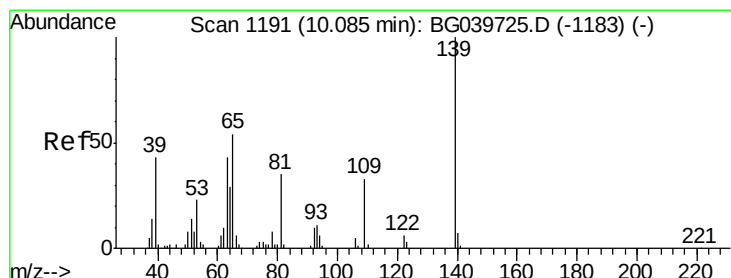
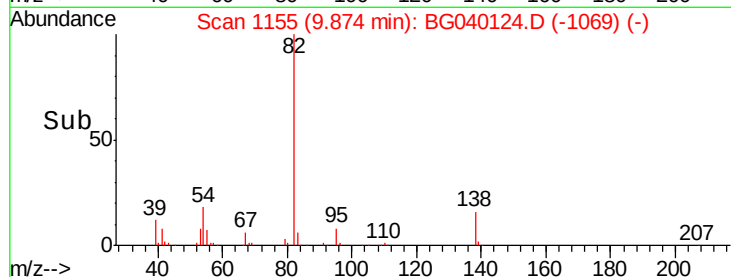
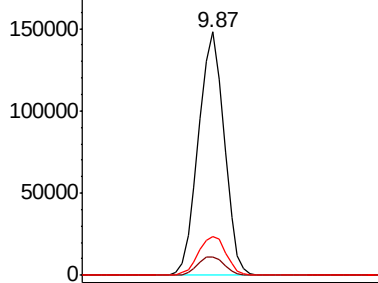
82 100

95 7.7 6.2 9.2

138 16.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 43.487 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

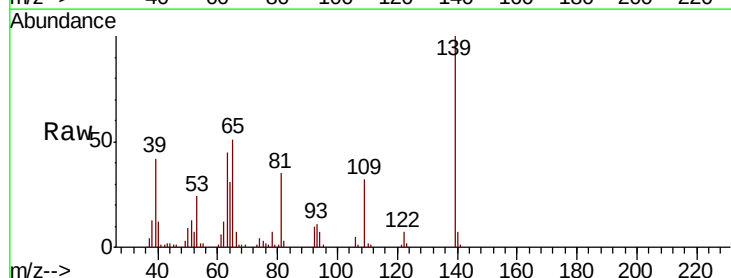
Tgt Ion: 139 Resp: 62934

Ion Ratio Lower Upper

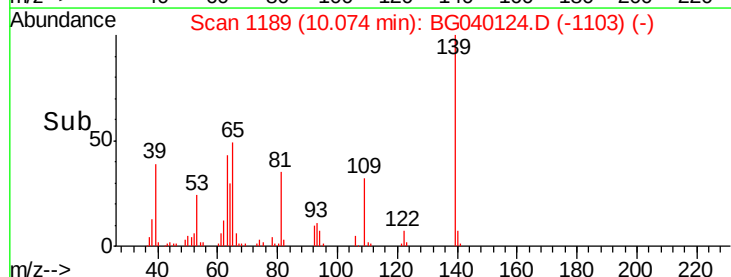
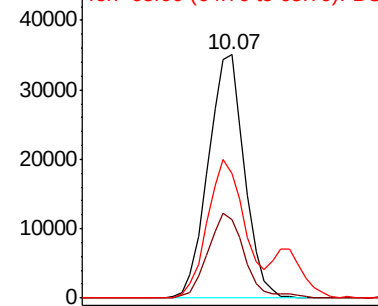
139 100

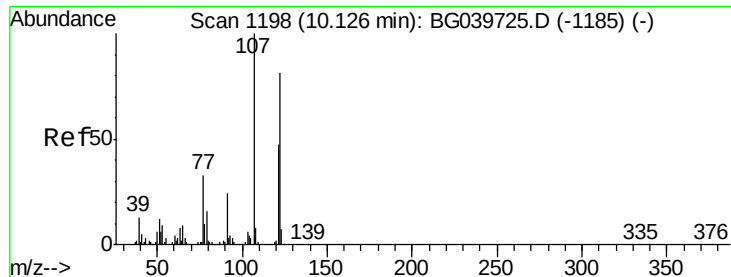
109 32.3 23.4 35.0

65 51.0 44.3 66.5



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

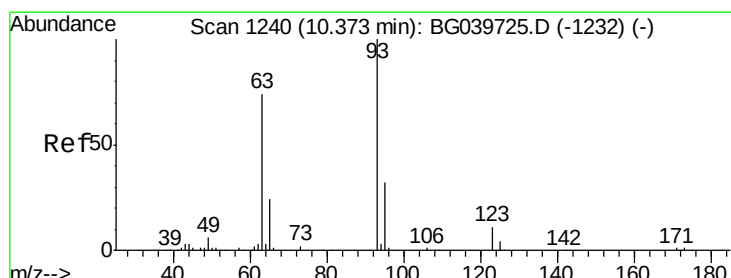
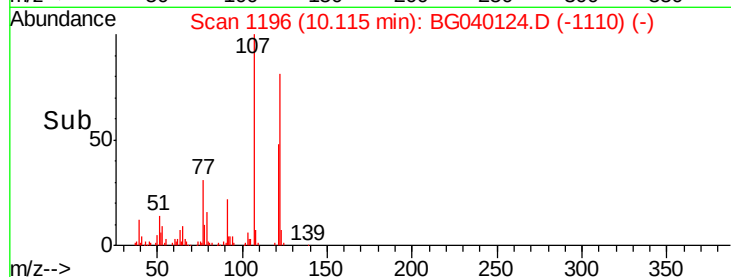
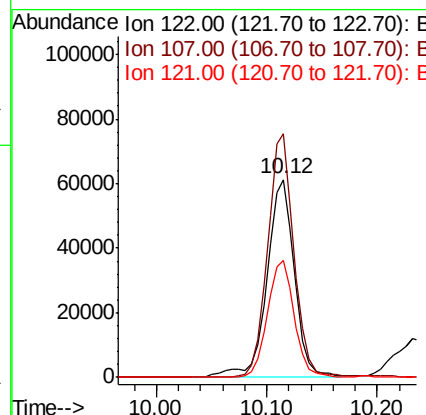
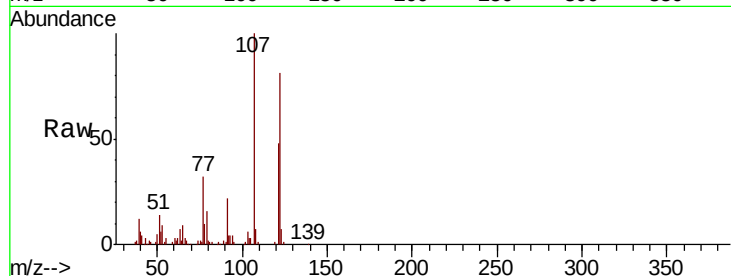




#27
 2,4-Dimethylphenol
 Concen: 47.463 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

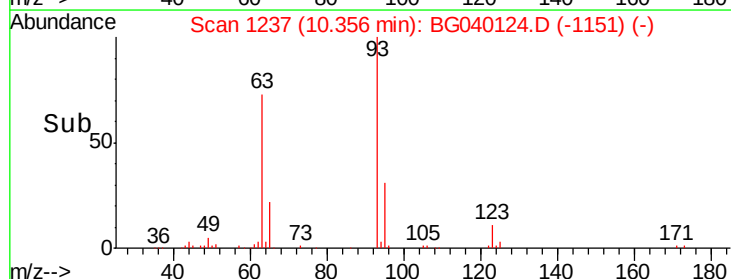
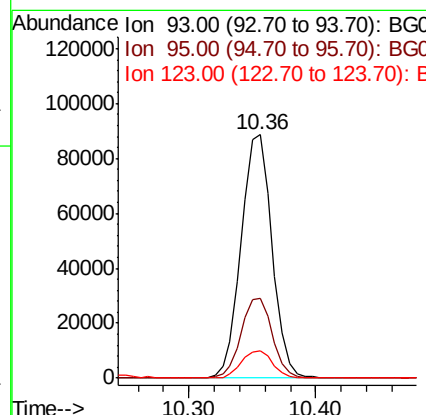
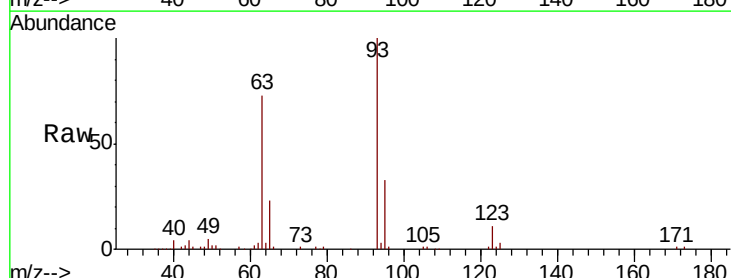
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

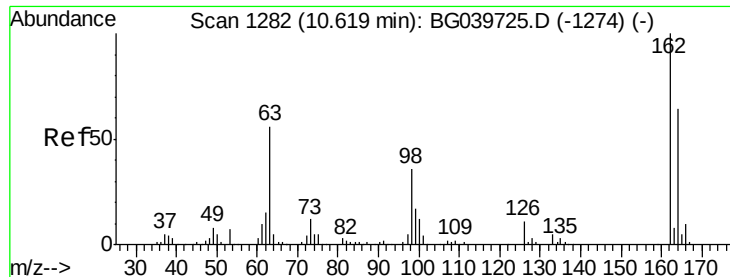
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.2	91.7	137.5
121	59.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.065 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	11.3	8.6	12.8

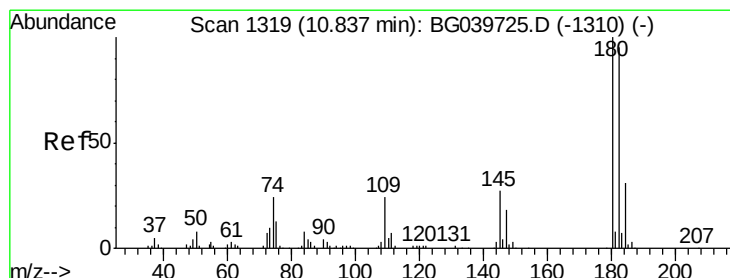
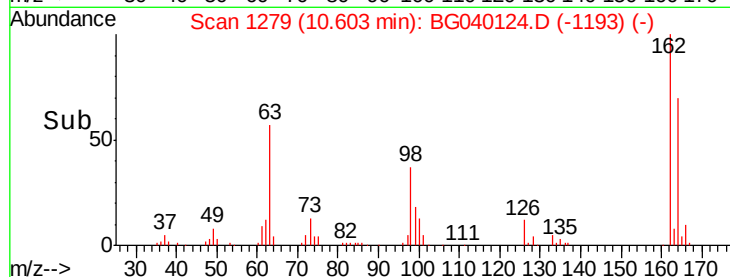
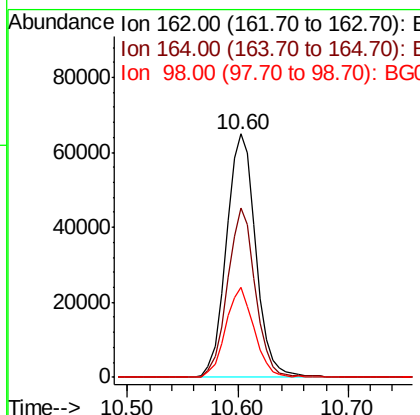
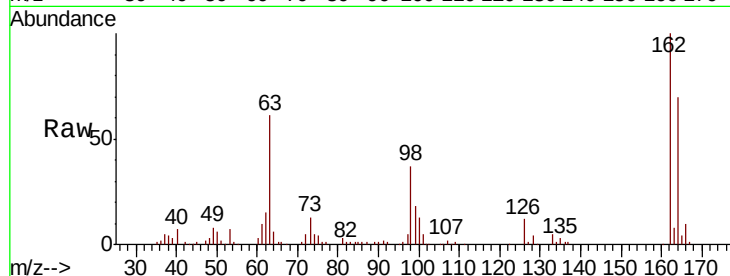




#29
 2,4-Dichlorophenol
 Concen: 47.766 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

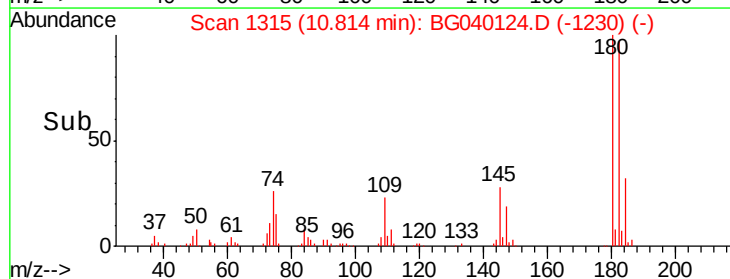
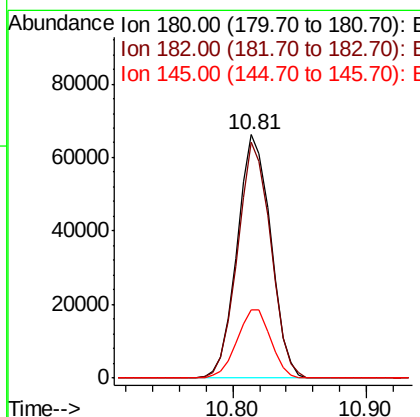
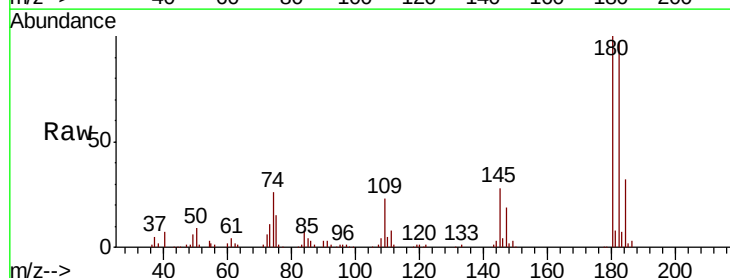
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

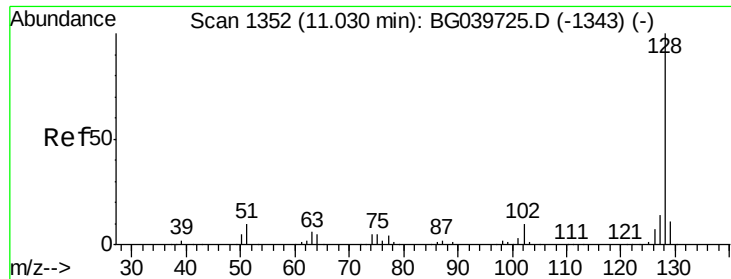
Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.6	48.1	88.1
98	37.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.456 ng
 RT: 10.81 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.0	114.0
145	28.2	22.7	34.1

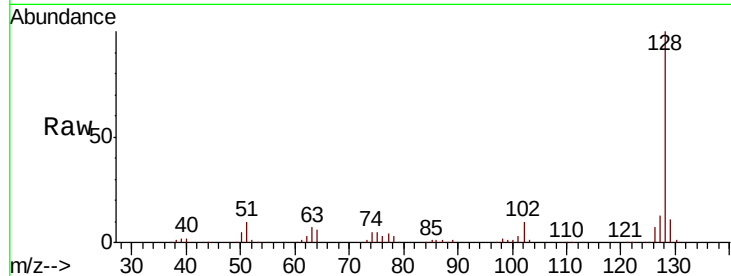




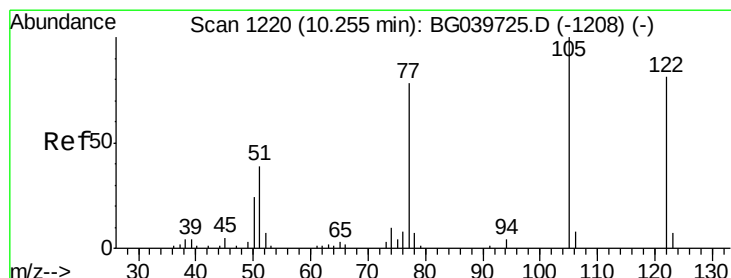
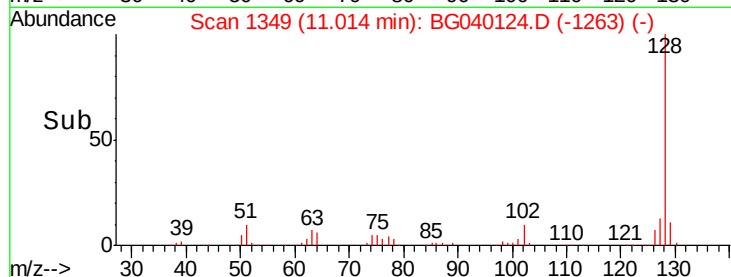
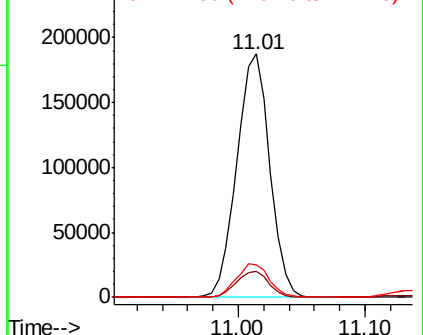
#31
Naphthalene
Concen: 41.096 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion:128 Resp: 336226
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.3 10.8 16.2

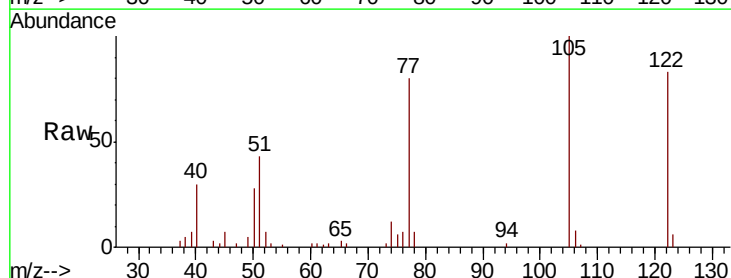


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

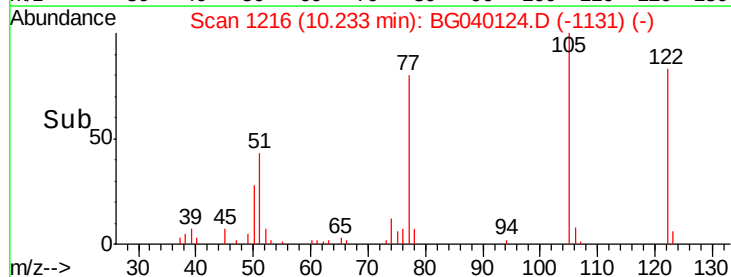
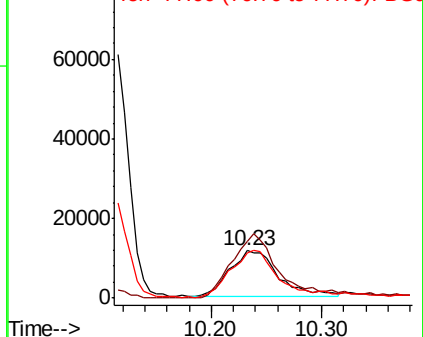


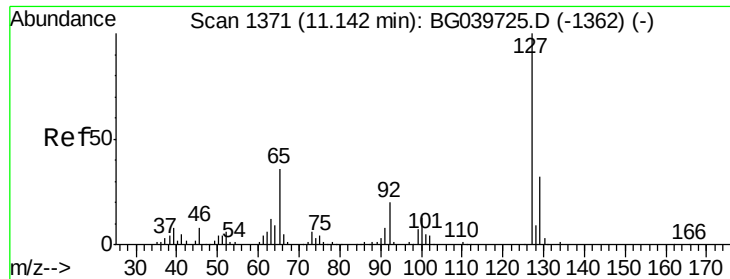
#32
Benzoic acid
Concen: 26.208 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:122 Resp: 35134
Ion Ratio Lower Upper
122 100
105 120.6 101.8 141.8
77 96.6 76.3 116.3



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

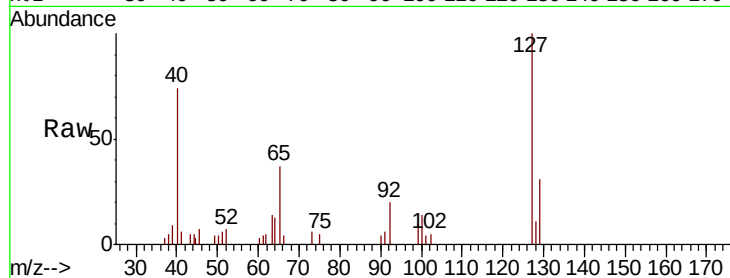




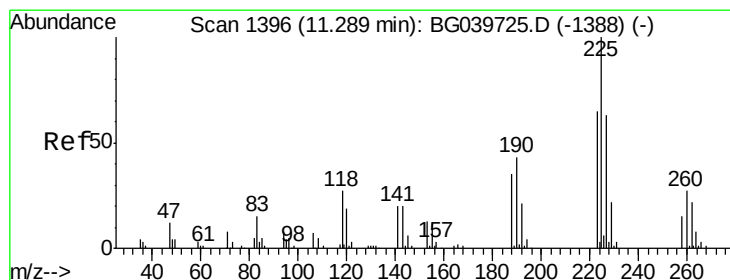
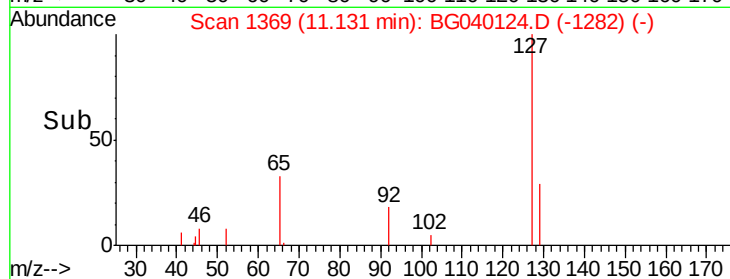
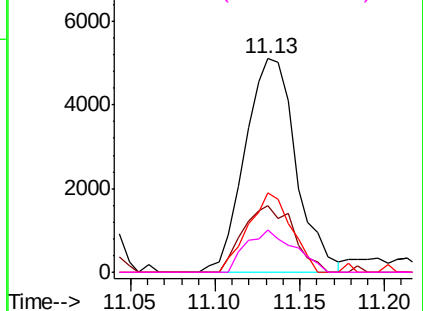
#33
4-Chloroaniline
Concen: 3.084 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion:	127	Resp:	10699
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	36.9	28.8	43.2
92	20.0	16.6	25.0

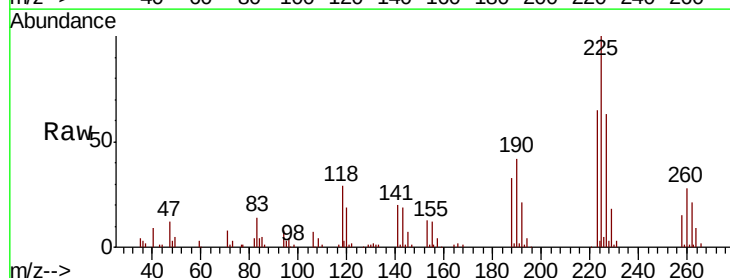


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

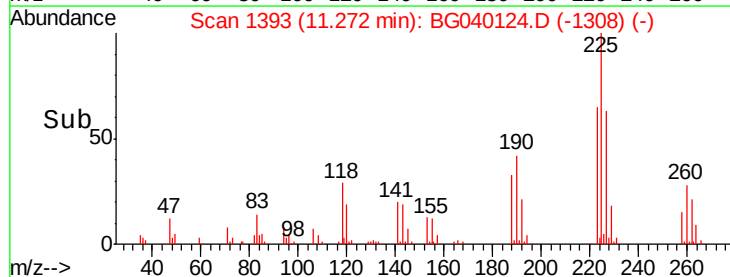
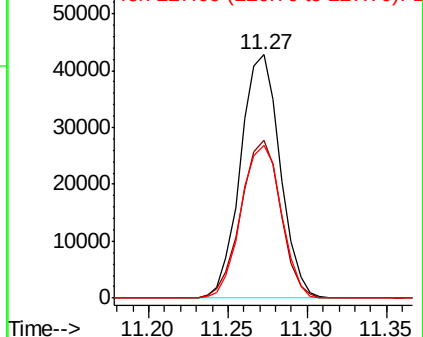


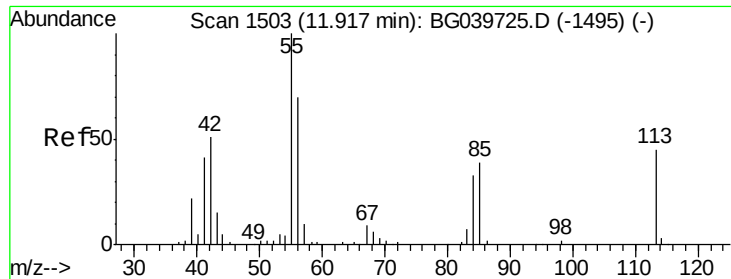
#34
Hexachlorobutadiene
Concen: 38.119 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:	225	Resp:	74278
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.0	73.6
227	62.6	46.3	69.5



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

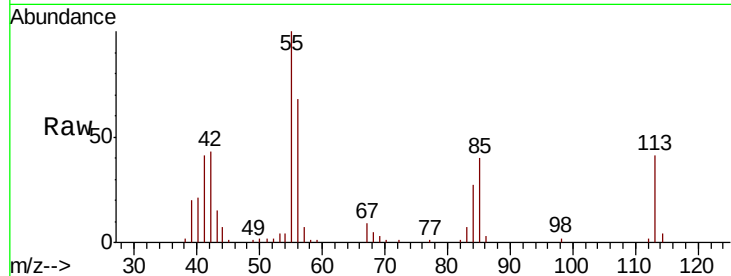




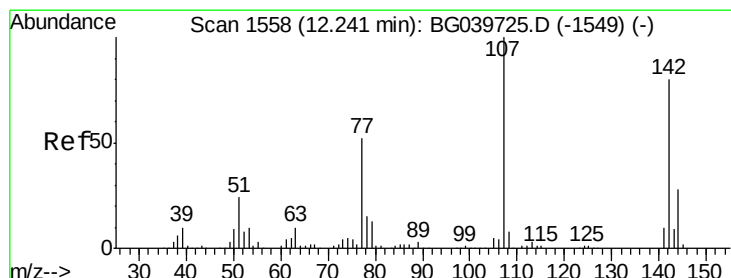
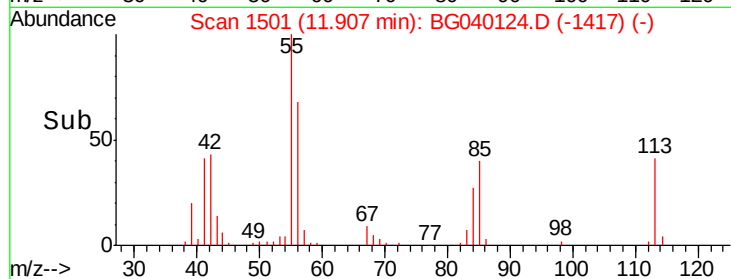
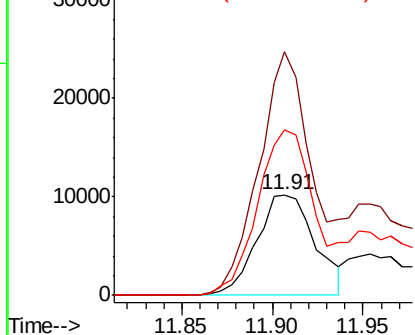
#35
 Caprolactam
 Concen: 23.585 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:113 Resp: 22831
 Ion Ratio Lower Upper
 113 100
 55 242.5 216.9 256.9
 56 165.0 152.6 192.6

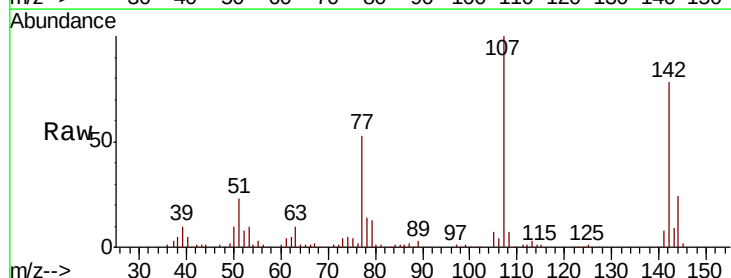


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

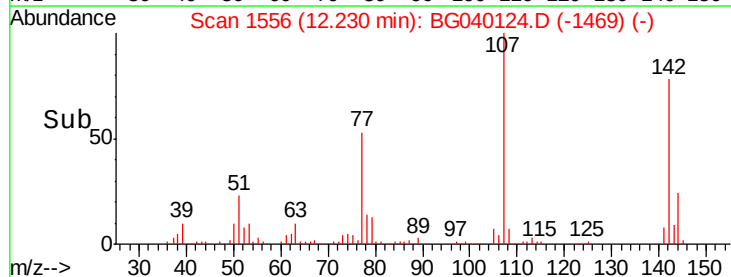
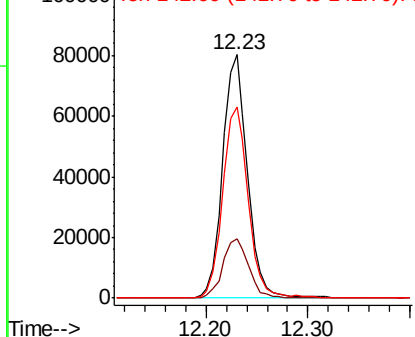


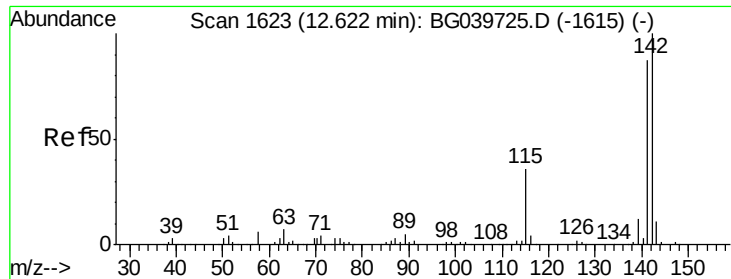
#36
 4-Chloro-3-methylphenol
 Concen: 46.847 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:107 Resp: 136086
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 78.5 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

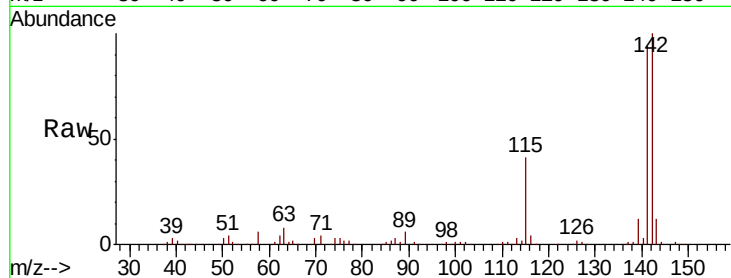




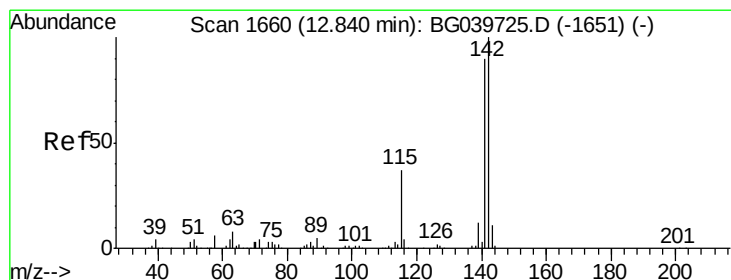
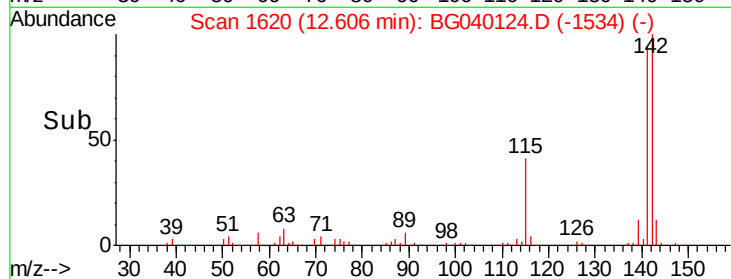
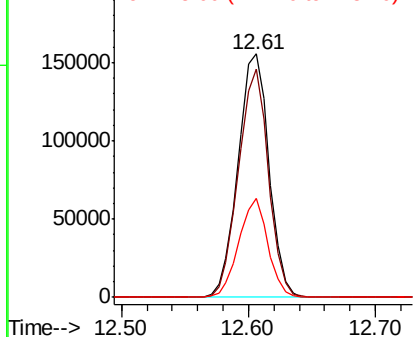
#37
2-Methylnaphthalene
Concen: 42.957 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion:142 Resp: 262760
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
115 40.5 30.8 46.2

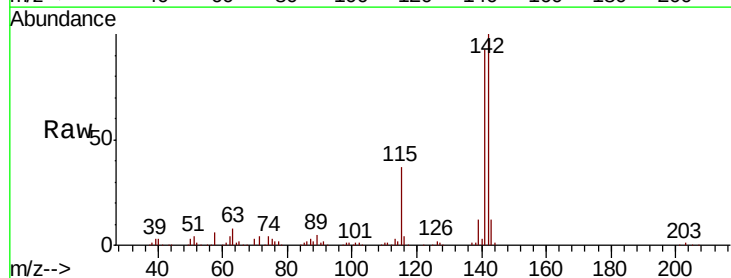


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

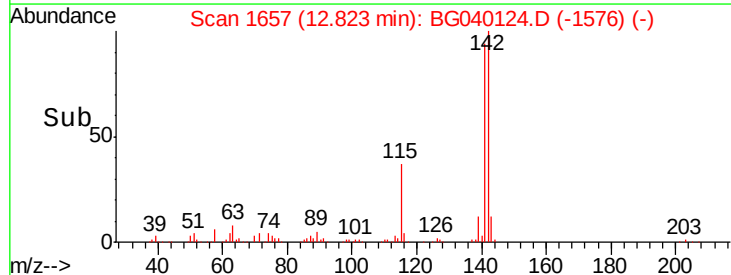
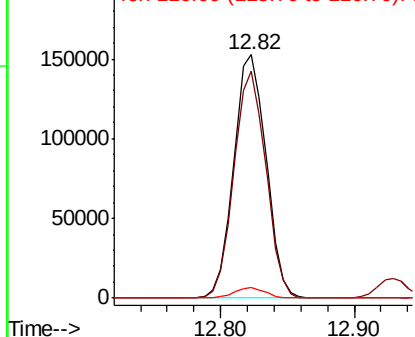


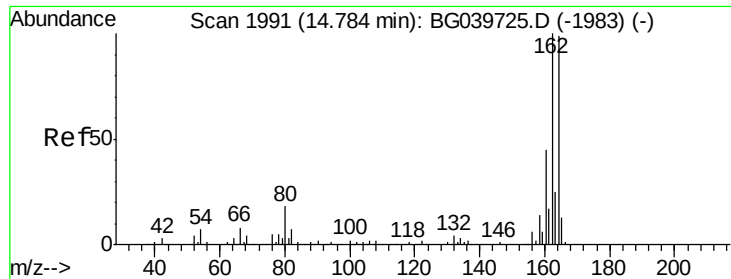
#38
1-Methylnaphthalene
Concen: 43.136 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:142 Resp: 256412
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4
116 4.3 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

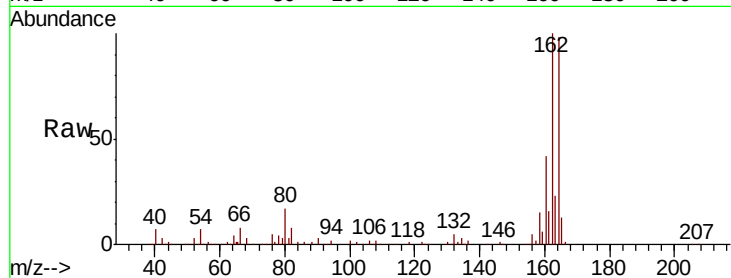
Tgt Ion:164 Resp: 112530

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 43.0 34.2 51.2

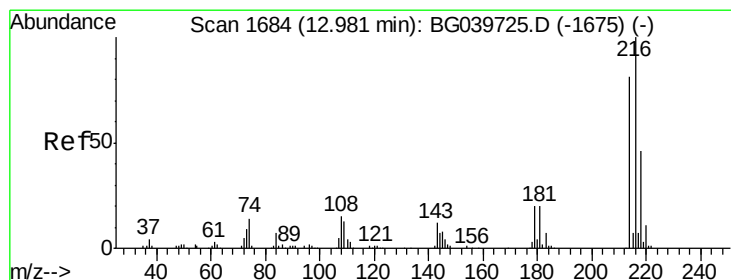
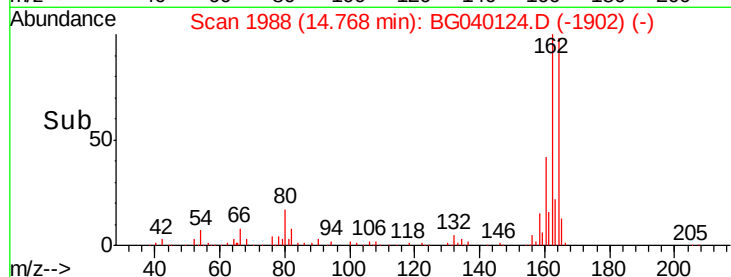
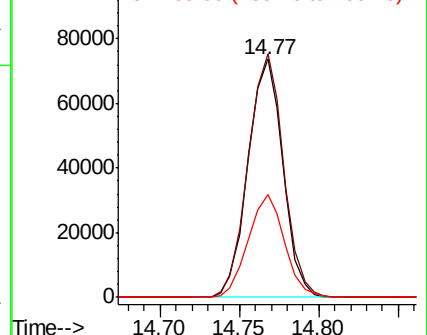


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.265 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:216 Resp: 149686

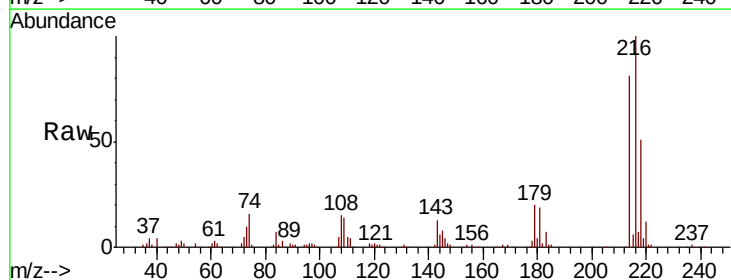
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.7 16.6 25.0

108 17.4 14.0 21.0



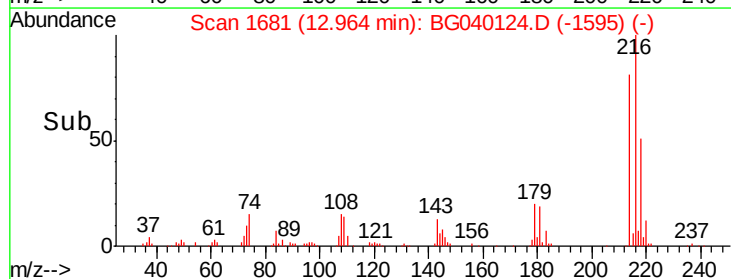
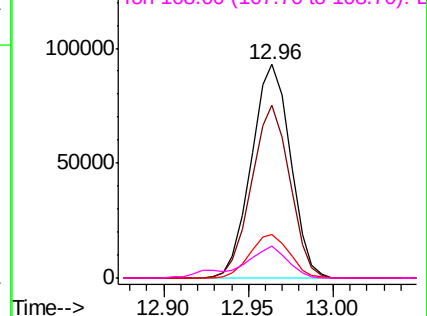
Abundance

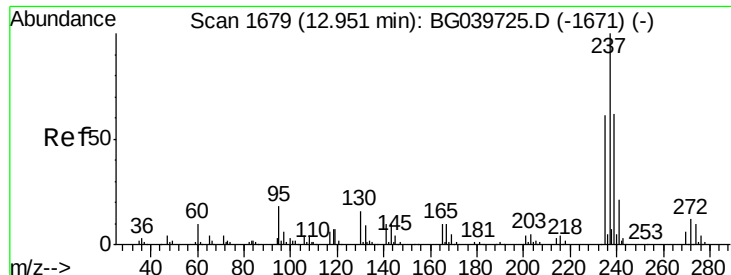
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.483 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

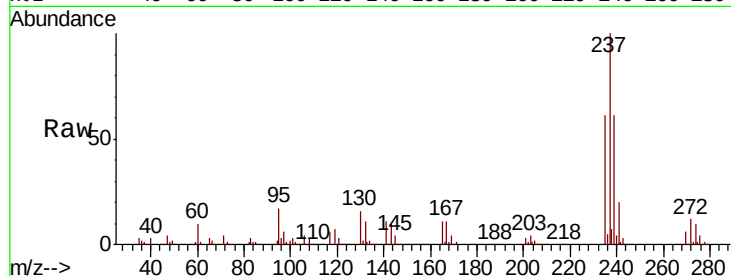
Tgt Ion: 237 Resp: 178727

Ion Ratio Lower Upper

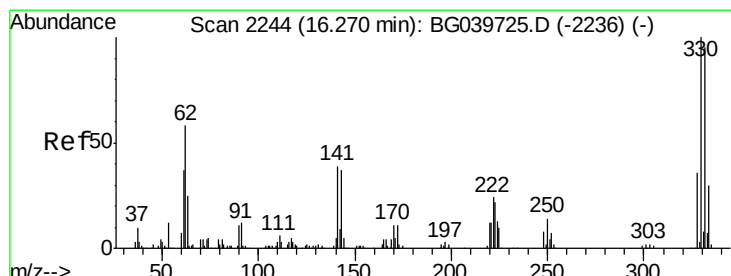
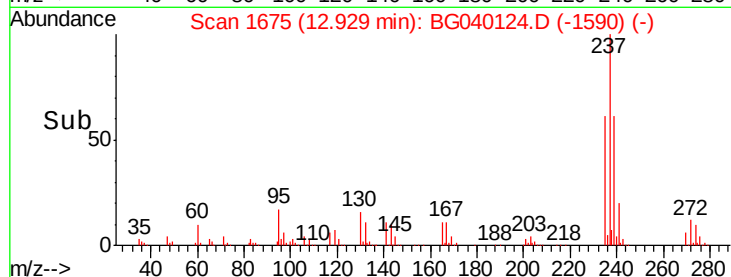
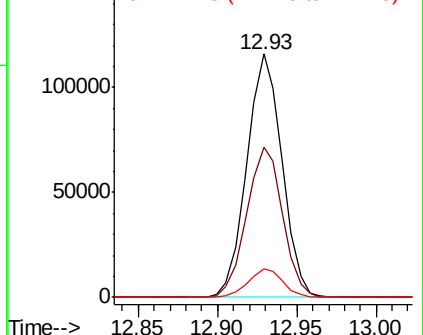
237 100

235 61.4 43.3 83.3

272 11.6 0.0 32.3



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: 147.854 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

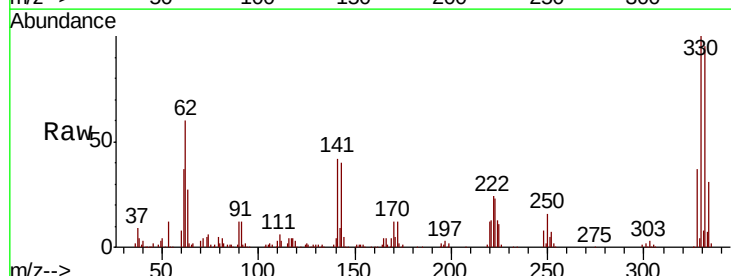
Tgt Ion: 330 Resp: 193928

Ion Ratio Lower Upper

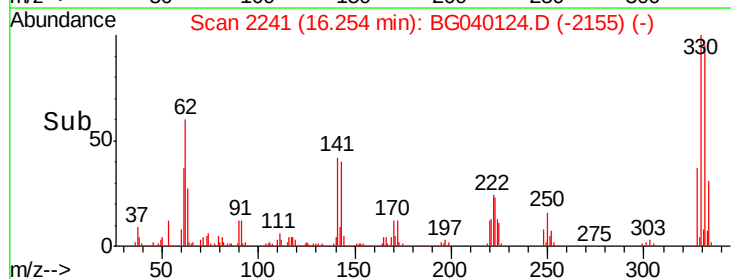
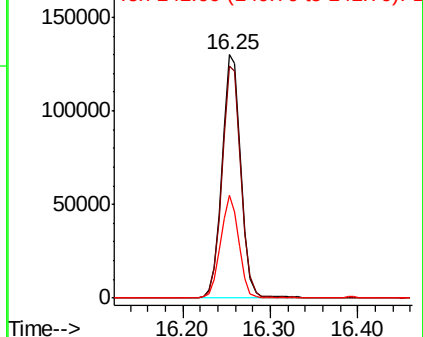
330 100

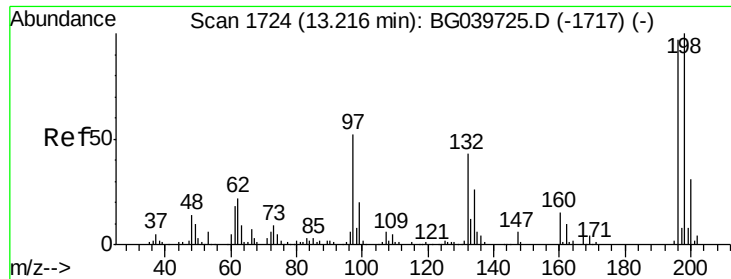
332 96.1 75.7 113.5

141 41.1 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

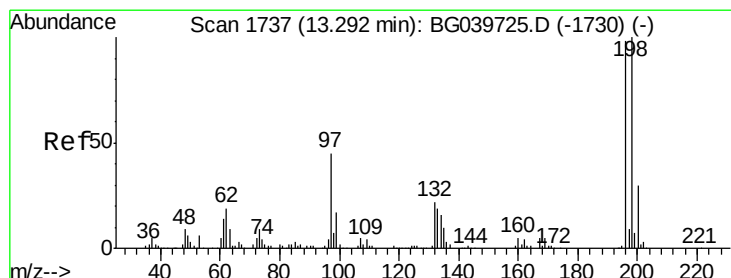
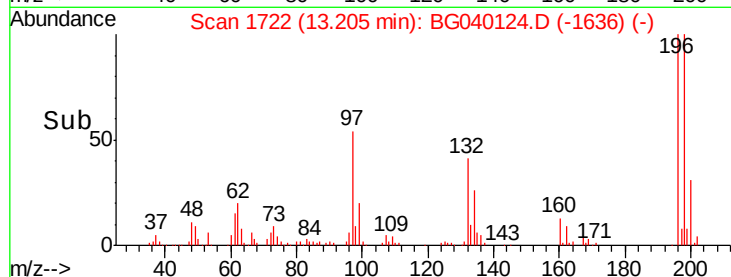
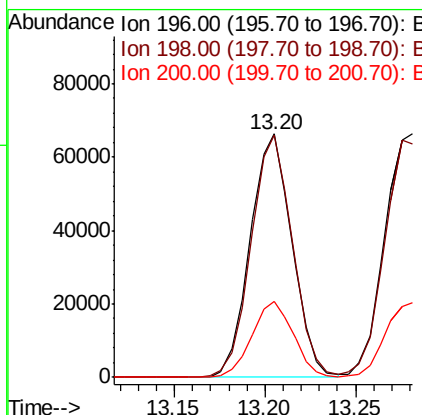
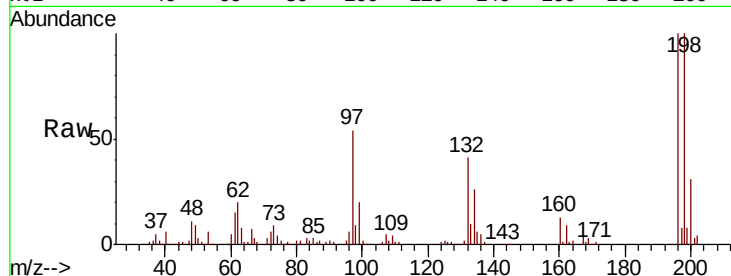




#43
 2,4,6-Trichlorophenol
 Concen: 47.660 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

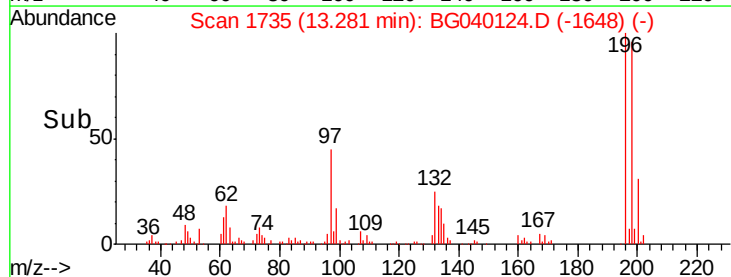
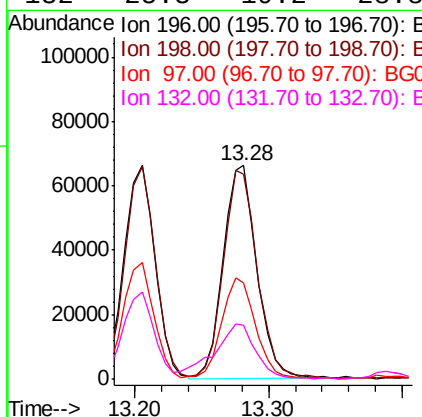
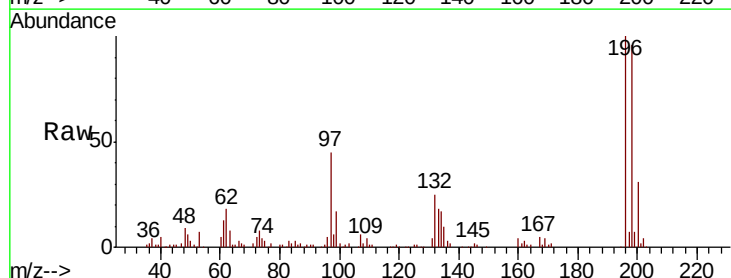
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

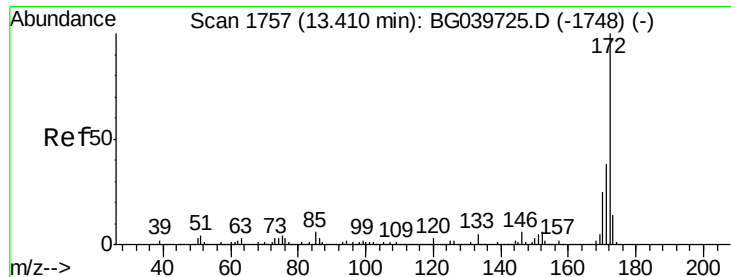
Tgt Ion:196 Resp: 106371
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.6 121.0
 200 31.1 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.242 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:196 Resp: 116334
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.5 117.7
 97 44.8 38.4 57.6
 132 25.3 19.2 28.8

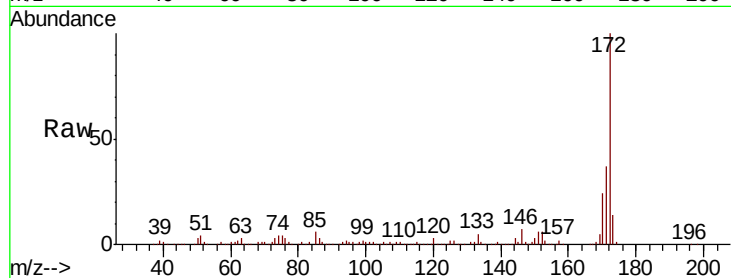




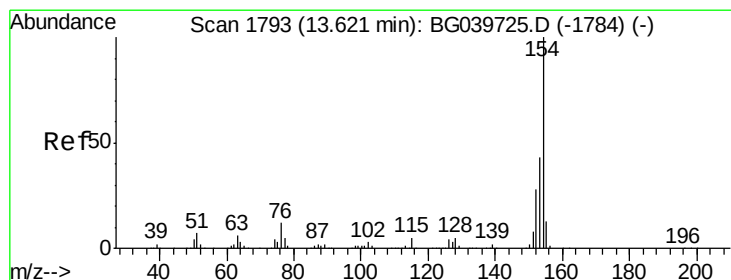
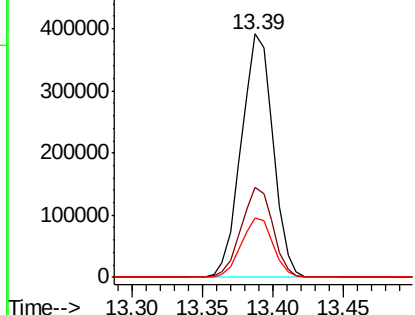
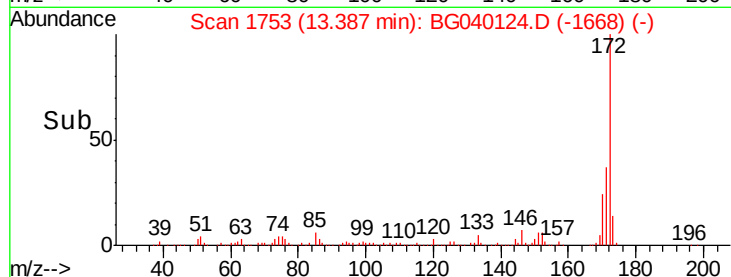
#45
 2-Fluorobiphenyl
 Concen: 77.811 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:172 Resp: 614966
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.2 20.2 30.4

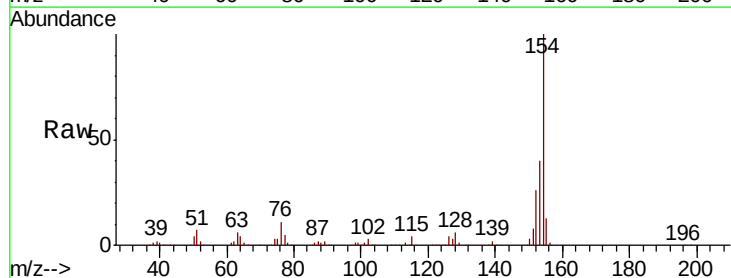


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

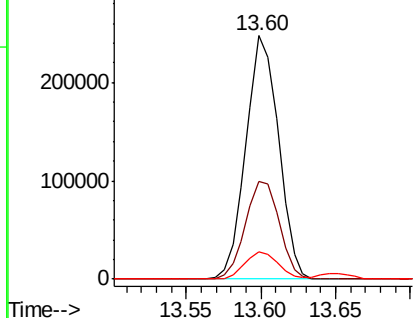
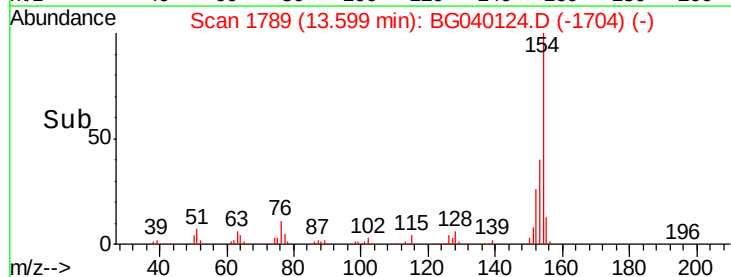


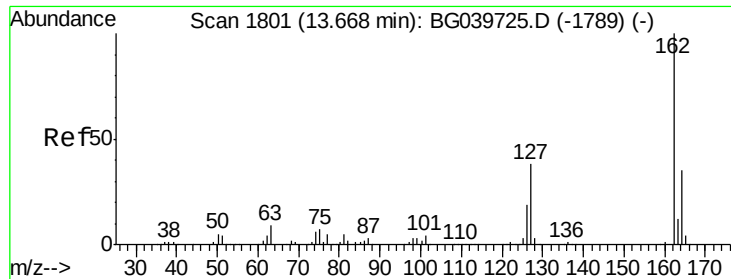
#46
 1,1'-Biphenyl
 Concen: 40.425 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:154 Resp: 374154
 Ion Ratio Lower Upper
 154 100
 153 40.0 22.1 62.1
 76 11.4 0.0 32.4



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

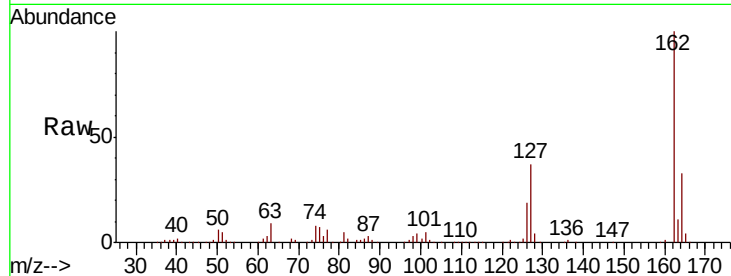




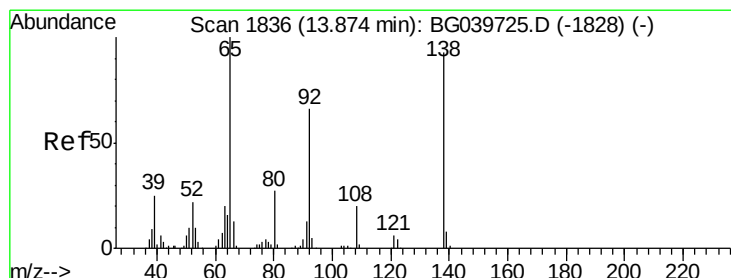
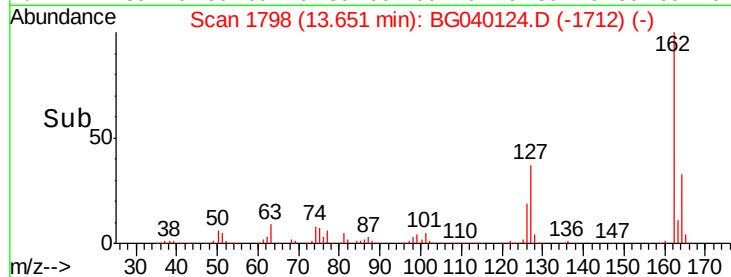
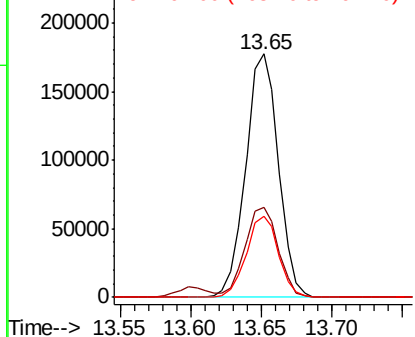
#47
 2-Chloronaphthalene
 Concen: 41.267 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion: 162 Resp: 287334
 Ion Ratio Lower Upper
 162 100
 127 37.2 31.0 46.6
 164 33.3 25.7 38.5

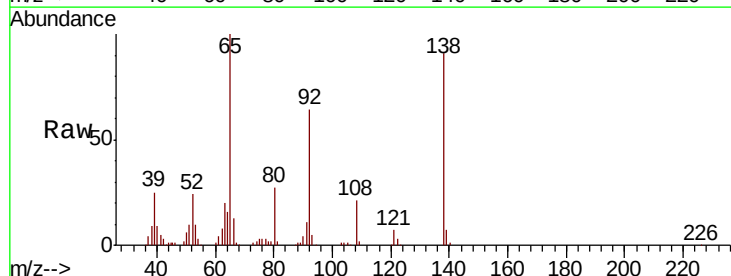


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

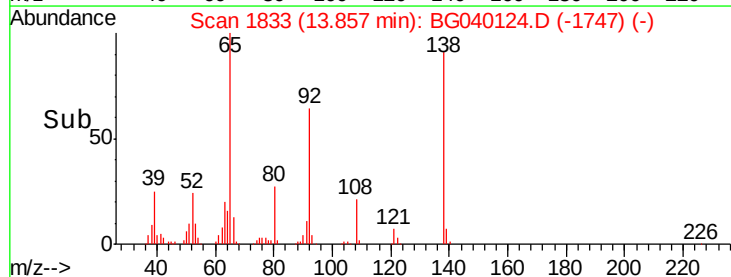
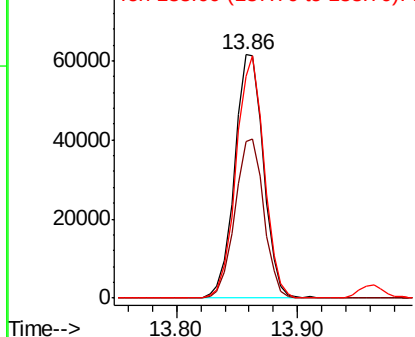


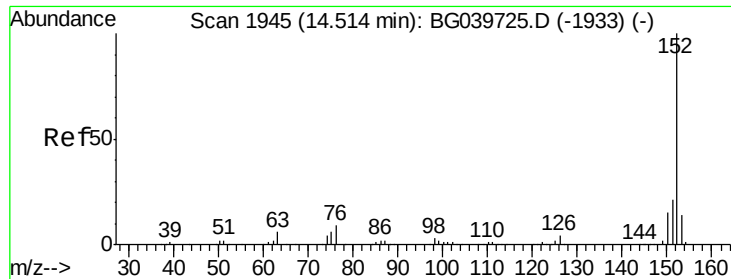
#48
 2-Nitroaniline
 Concen: 45.730 ng
 RT: 13.86 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion: 65 Resp: 102326
 Ion Ratio Lower Upper
 65 100
 92 64.2 51.4 77.2
 138 91.1 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.914 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

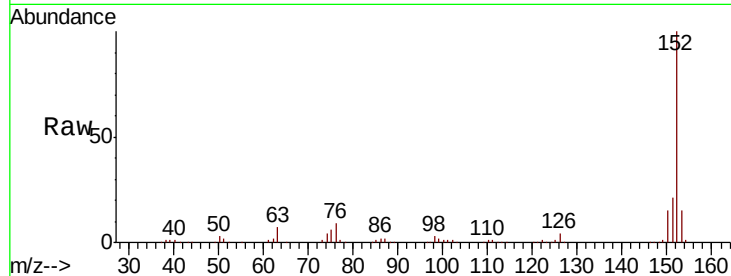
Tgt Ion:152 Resp: 467650

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

153 14.8 11.7 17.5

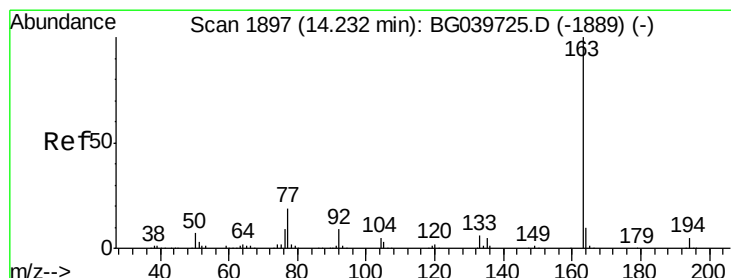
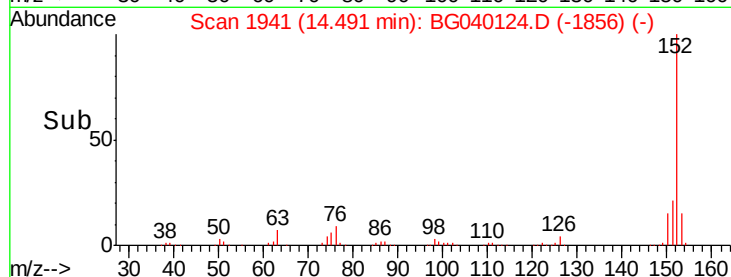
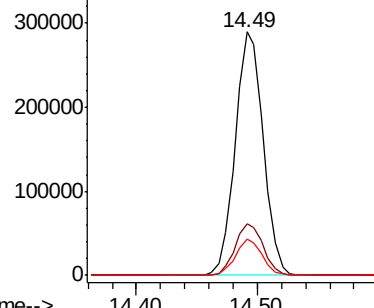


Abundance

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: 43.364 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

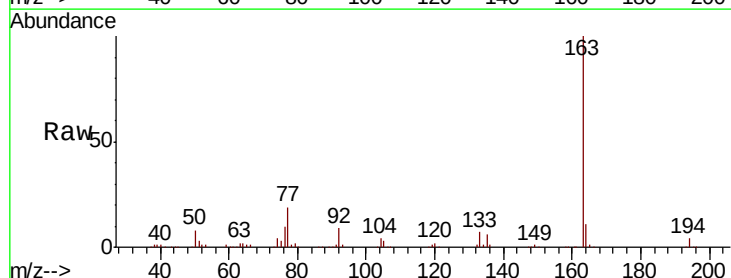
Tgt Ion:163 Resp: 408037

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 10.5 8.4 12.6

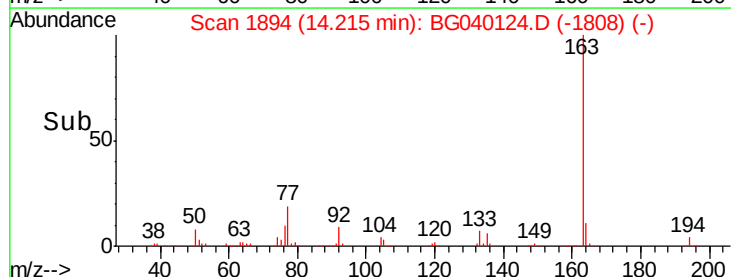
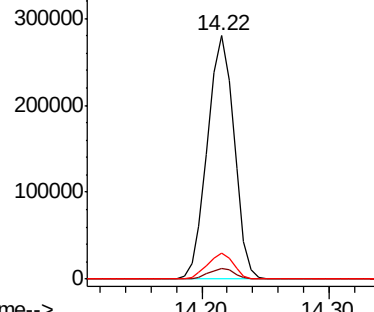


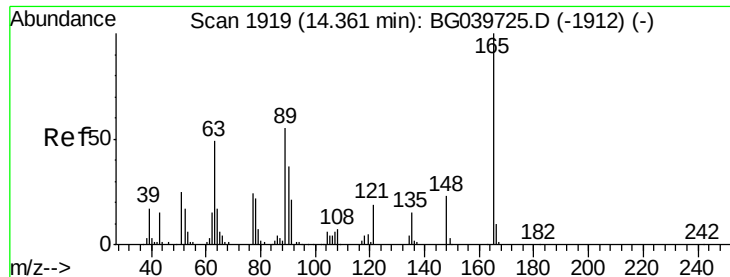
Abundance

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

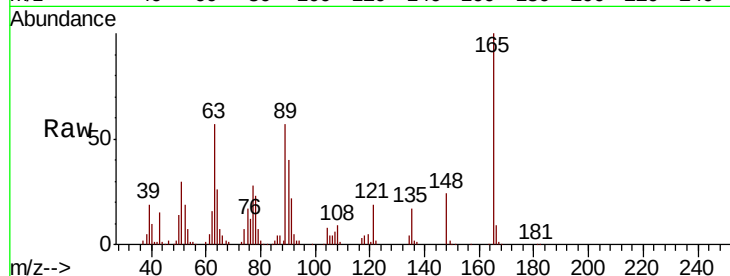




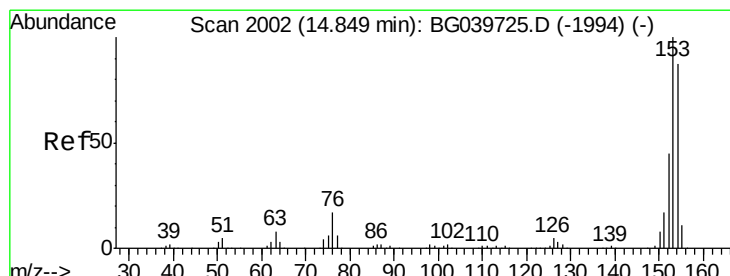
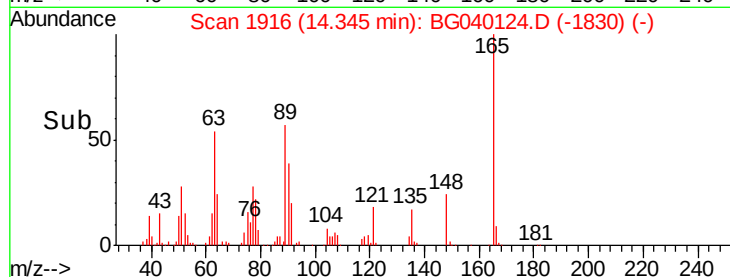
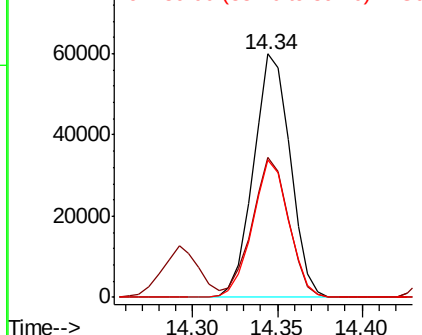
#51
 2,6-Dinitrotoluene
 Concen: 45.438 ng
 RT: 14.34 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:165 Resp: 90640
 Ion Ratio Lower Upper
 165 100
 63 57.5 47.0 70.6
 89 56.7 45.8 68.8

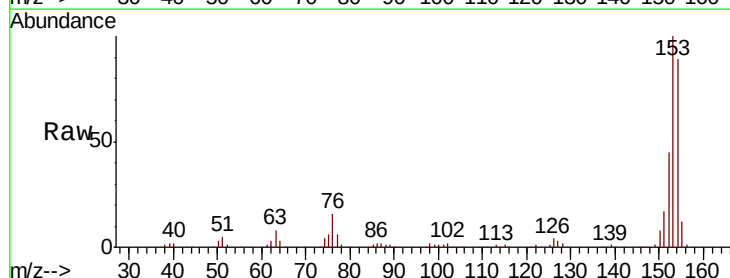


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

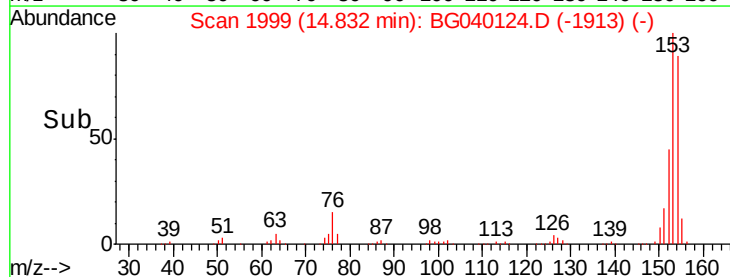
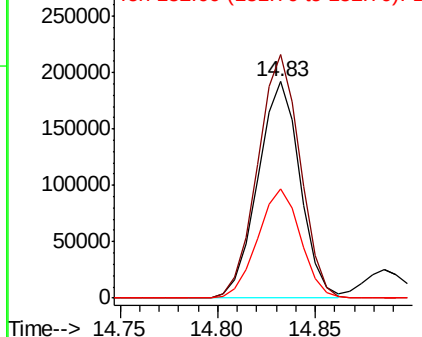


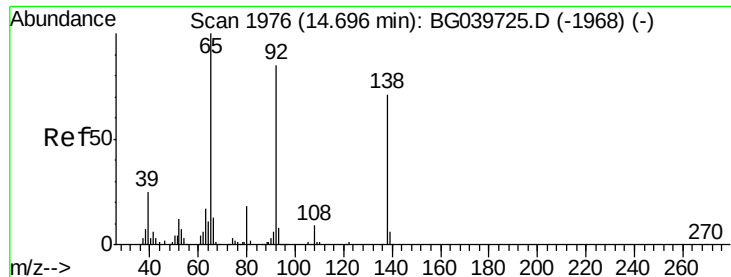
#52
 Acenaphthene
 Concen: 41.770 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:154 Resp: 287359
 Ion Ratio Lower Upper
 154 100
 153 112.6 90.1 135.1
 152 50.5 40.9 61.3



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

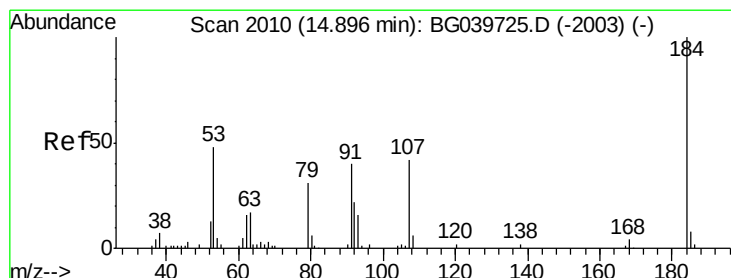
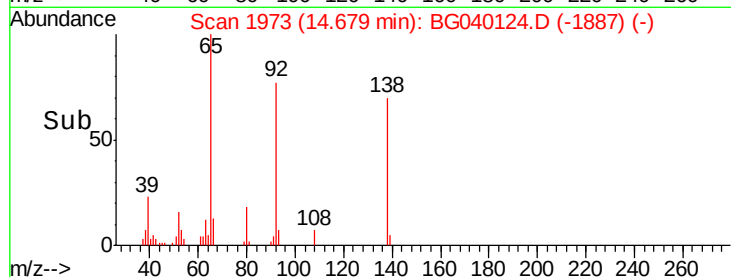
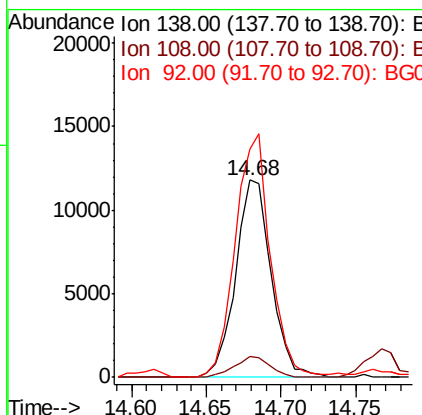
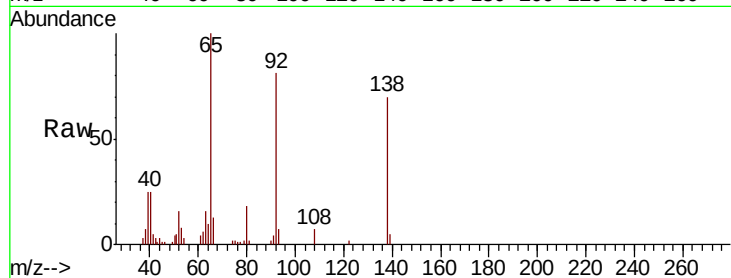




#53
3-Nitroaniline
Concen: 9.731 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

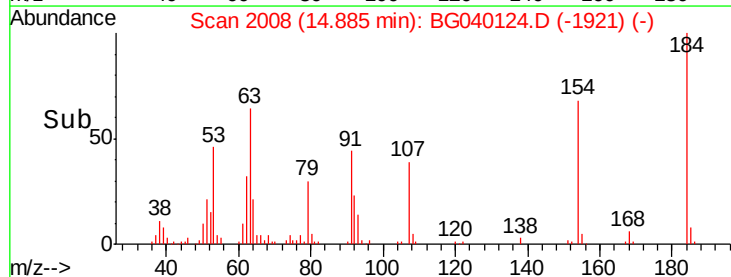
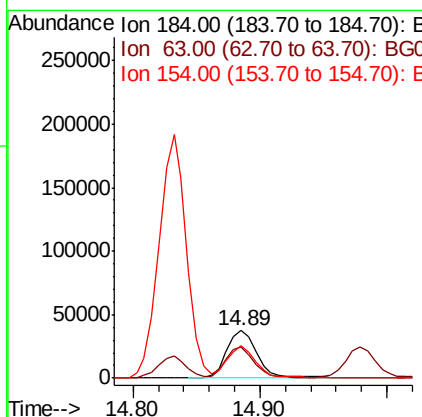
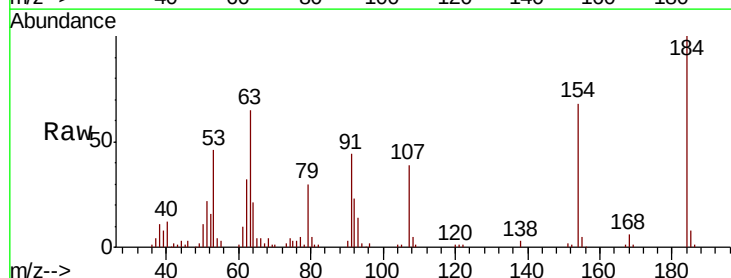
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

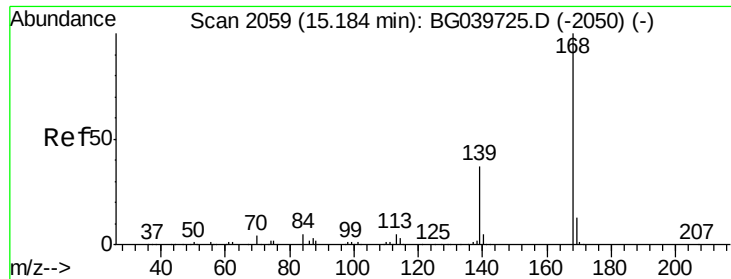
Tgt Ion:138 Resp: 19512
Ion Ratio Lower Upper
138 100
108 10.7 13.8 20.8#
92 115.8 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 51.741 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:184 Resp: 62590
Ion Ratio Lower Upper
184 100
63 65.4 50.9 76.3
154 68.1 53.0 79.6

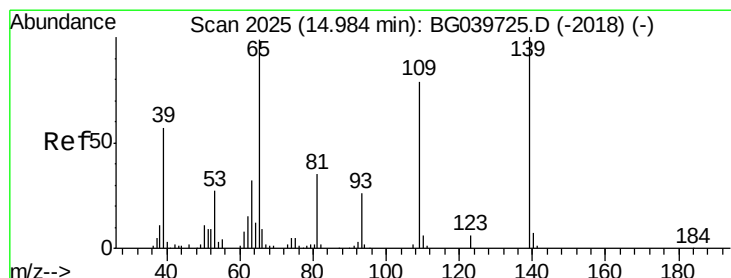
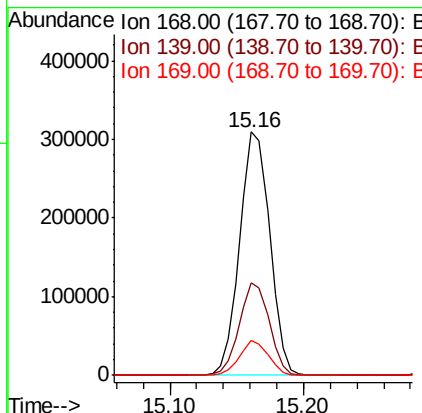
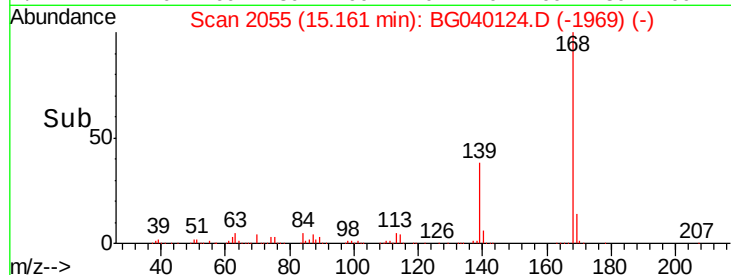
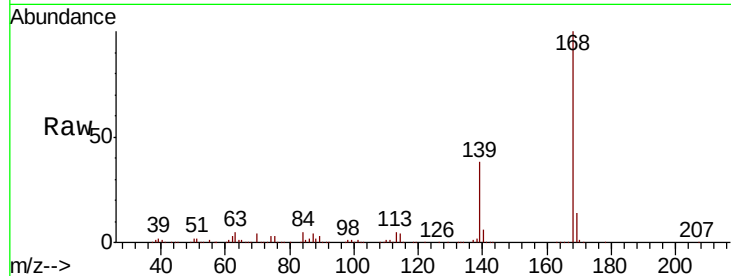




#55
Dibenzenofuran
Concen: 42.791 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

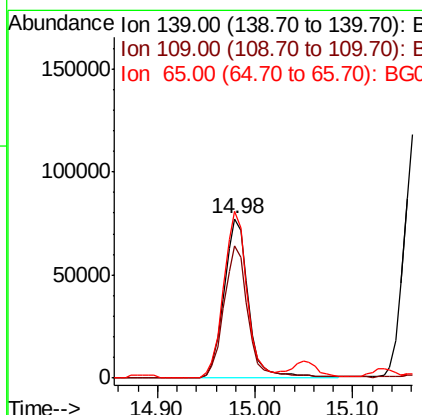
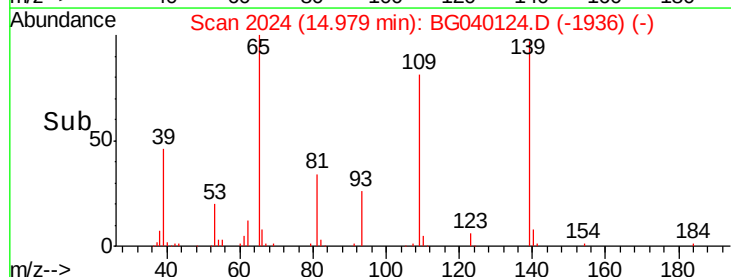
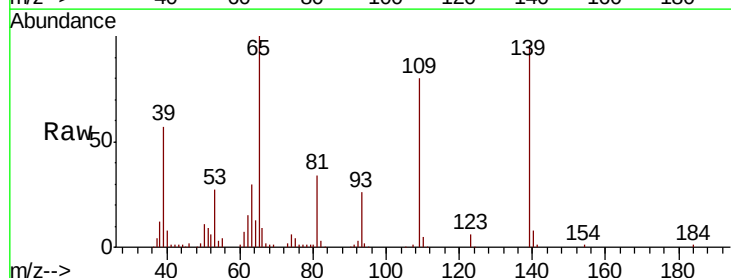
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

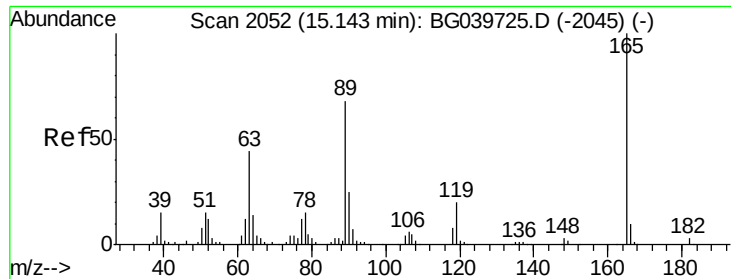
Tgt Ion:	168	Resp:	482992
Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.1	45.1
169	14.2	10.6	16.0



#56
4-Nitrophenol
Concen: 74.857 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:	139	Resp:	134278
Ion	Ratio	Lower	Upper
139	100		
109	83.3	61.9	101.9
65	104.7	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 47.047 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

Tgt Ion:165 Resp: 131869

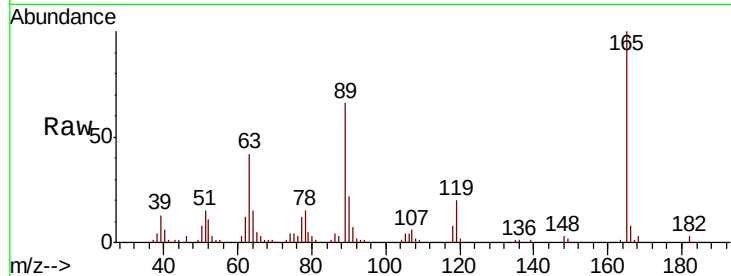
Ion Ratio Lower Upper

165 100

63 41.7 41.0 61.6

89 66.4 64.6 96.8

182 2.9 2.0 3.0

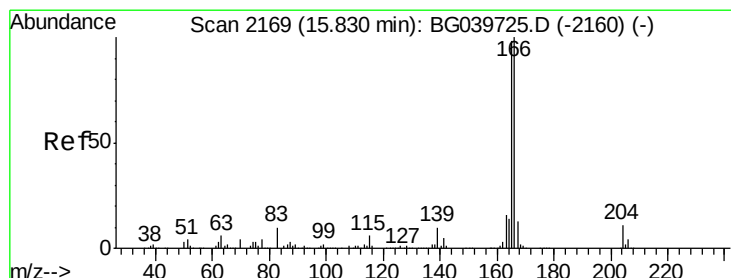
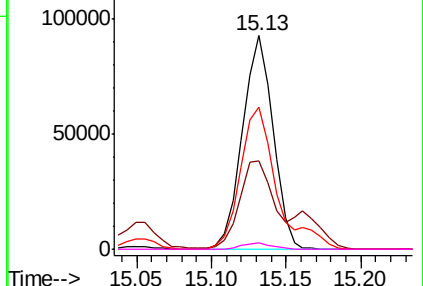
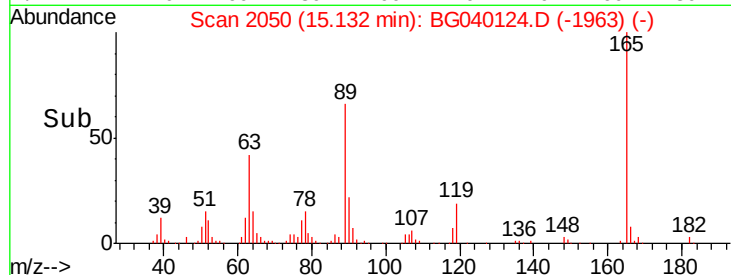


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.800 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

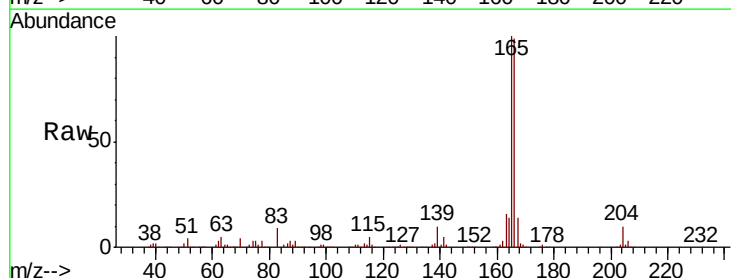
Tgt Ion:166 Resp: 388645

Ion Ratio Lower Upper

166 100

165 100.5 77.9 116.9

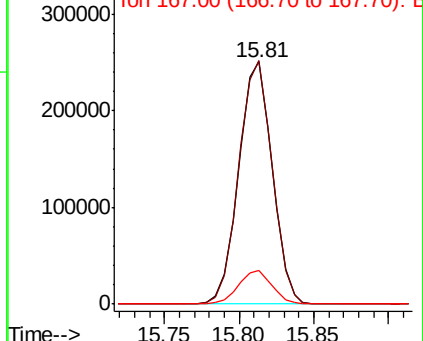
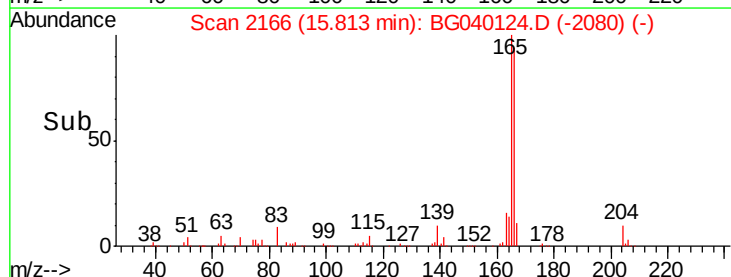
167 13.9 10.8 16.2

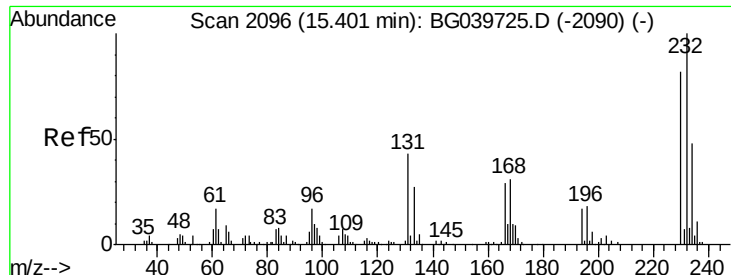


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

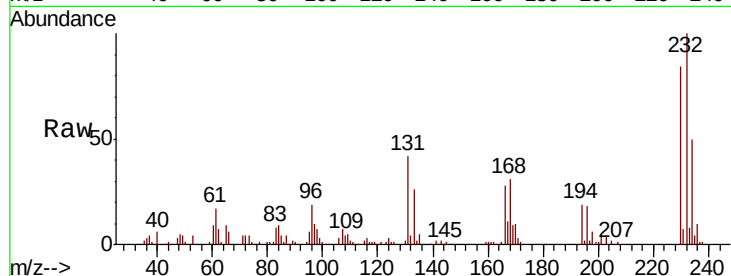




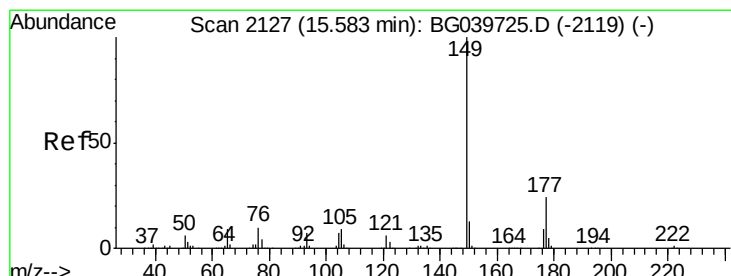
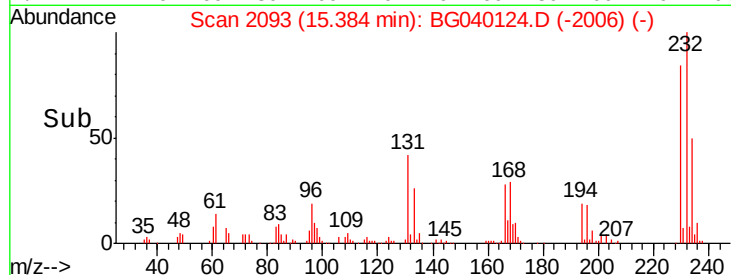
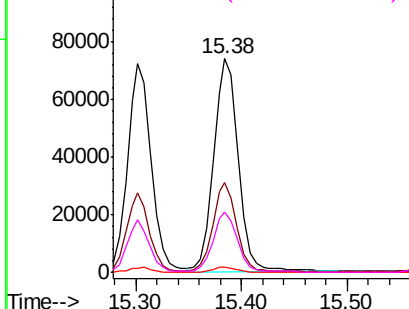
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.202 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:	232	Resp:	120885
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.9	52.3
130	2.2	2.0	3.0
166	28.5	24.1	36.1

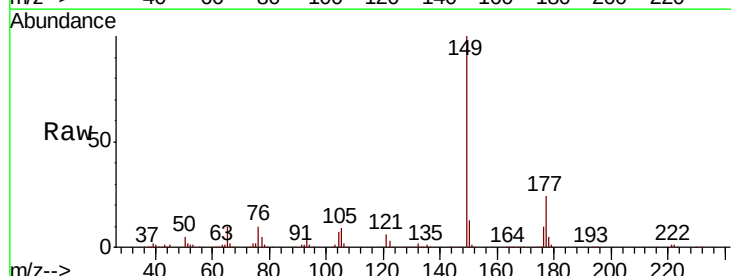


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

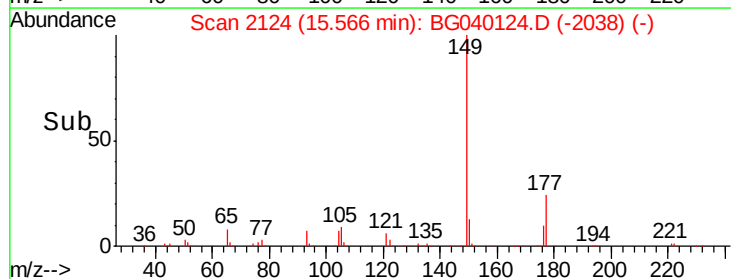
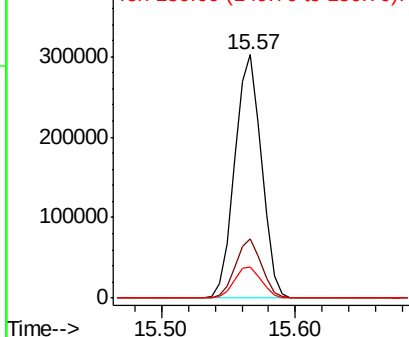


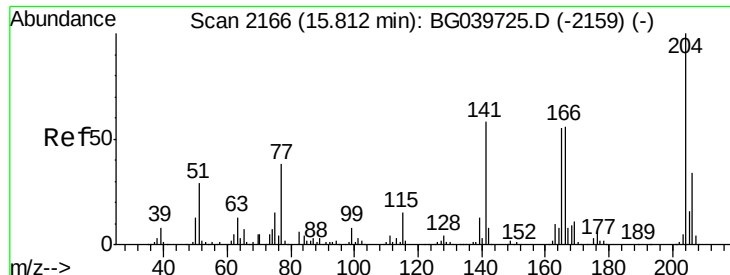
#60
 Diethylphthalate
 Concen: 45.094 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:	149	Resp:	420049
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	12.7	10.2	15.2



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

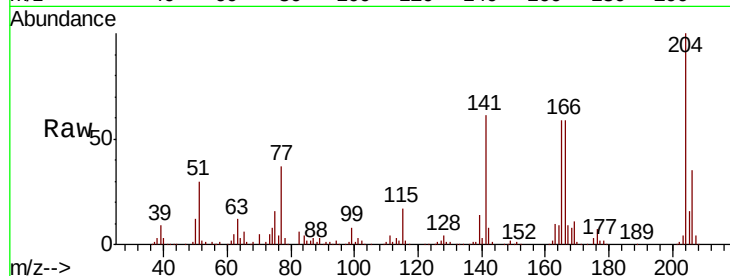




#61
 4-Chlorophenyl-phenylether
 Concen: 43.561 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	60.9	49.0	73.4

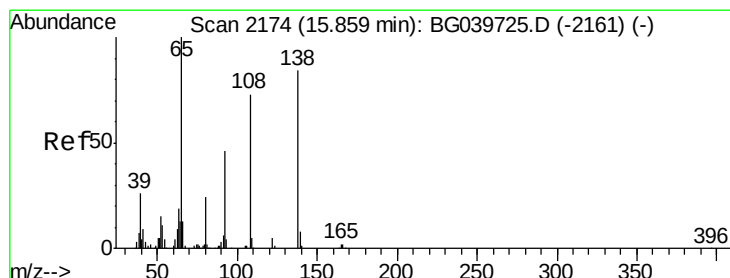
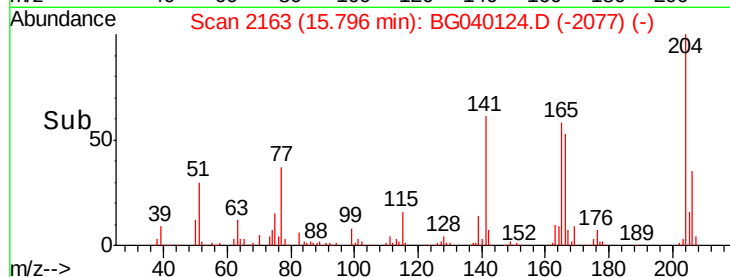
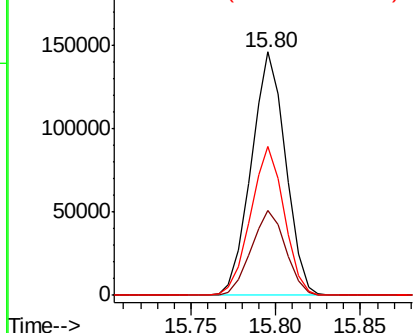


Abundance

Ion 204.00 (203.70 to 204.70): E

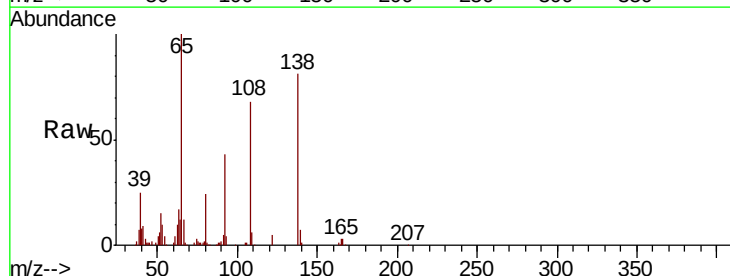
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.828 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	38.7	78.7
108	84.2	74.6	114.6

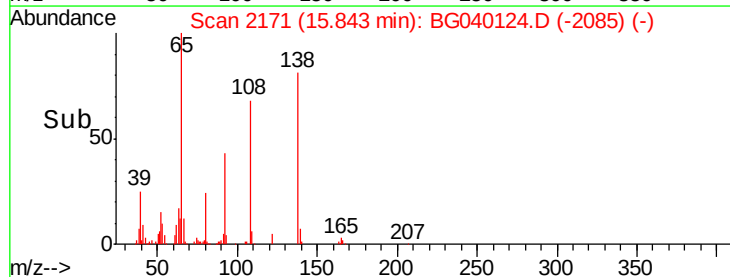
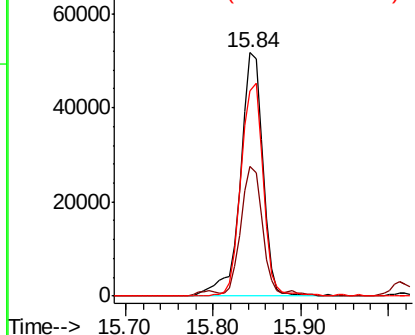


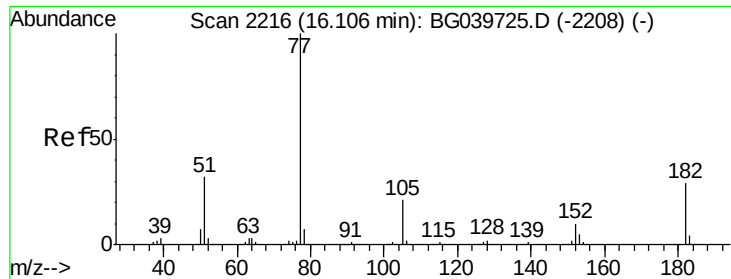
Abundance

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: 43.032 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

Tgt Ion: 77 Resp: 363348

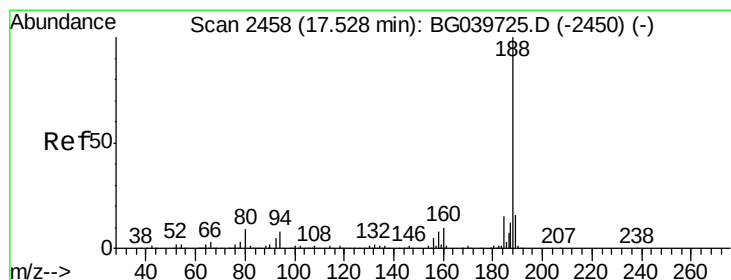
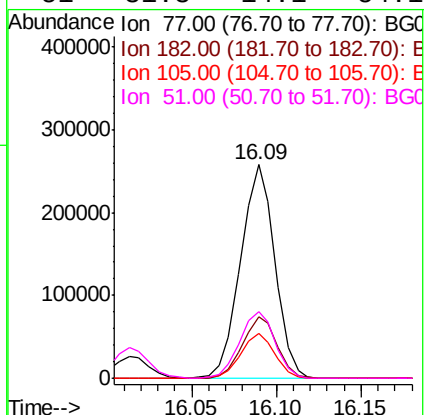
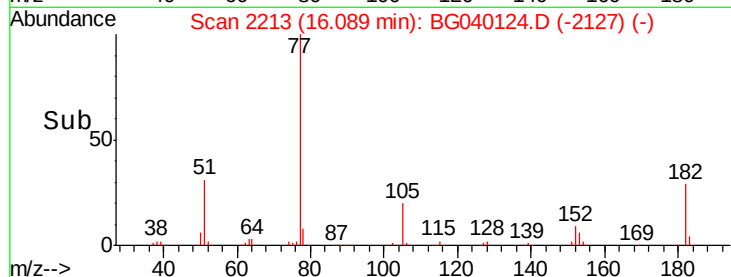
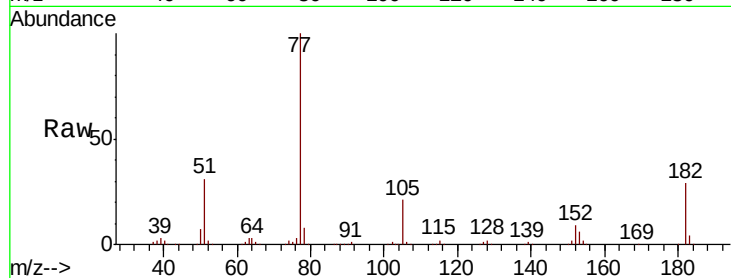
Ion Ratio Lower Upper

77 100

182 28.6 6.4 46.4

105 21.0 0.0 39.8

51 31.3 14.1 54.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

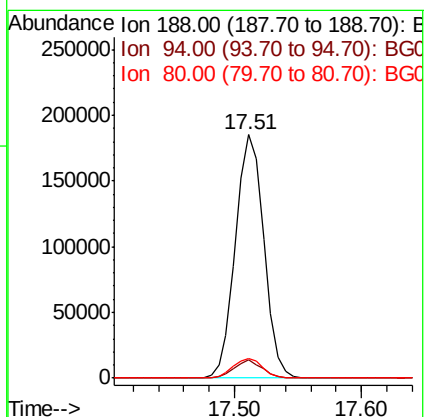
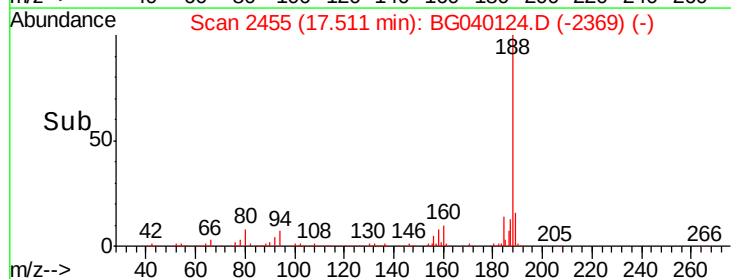
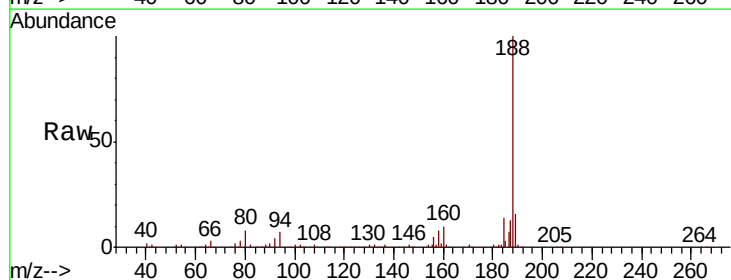
Tgt Ion: 188 Resp: 286339

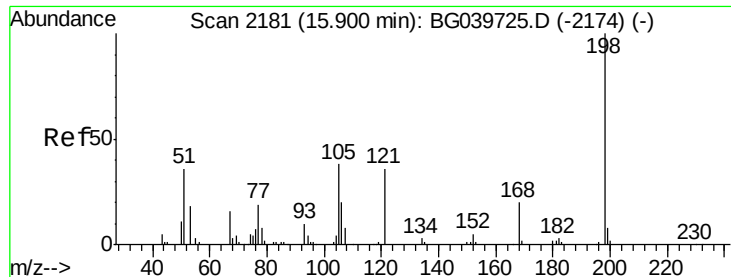
Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

80 8.1 8.1 12.1#





#65

4,6-Dinitro-2-methylphenol

Concen: 35.309 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

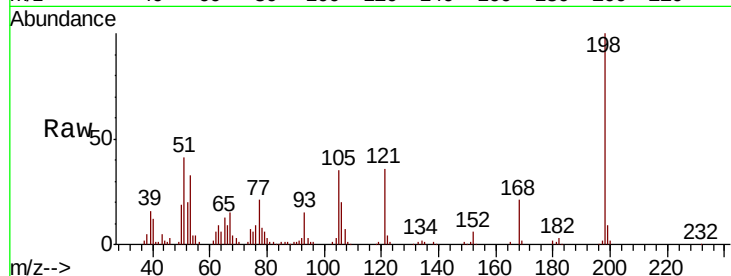
Tgt Ion:198 Resp: 59779

Ion Ratio Lower Upper

198 100

51 41.3 27.4 67.4

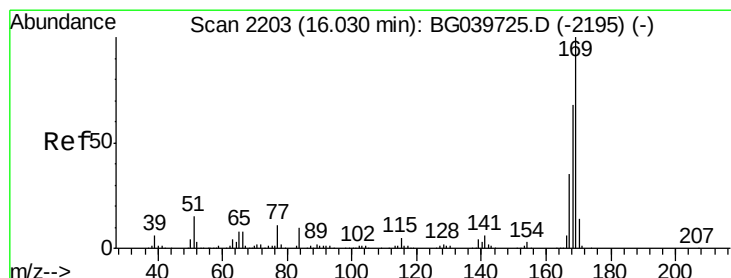
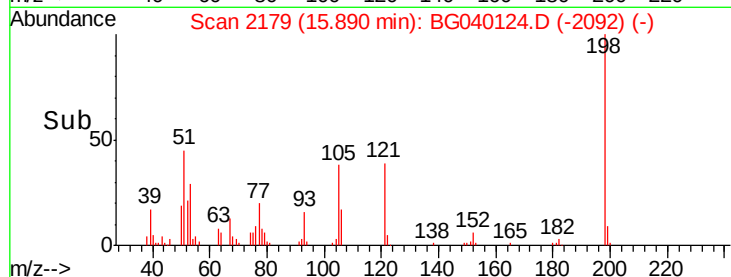
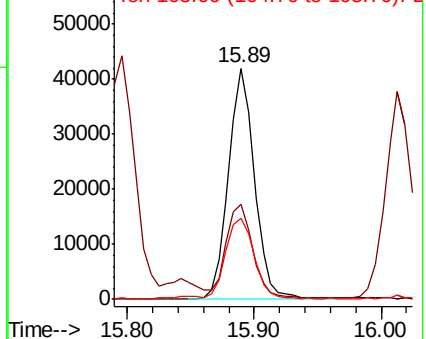
105 35.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.764 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

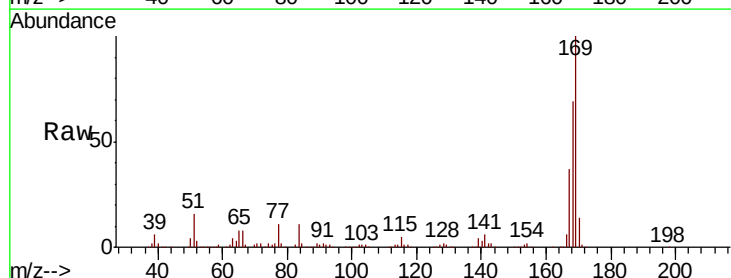
Tgt Ion:169 Resp: 362784

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

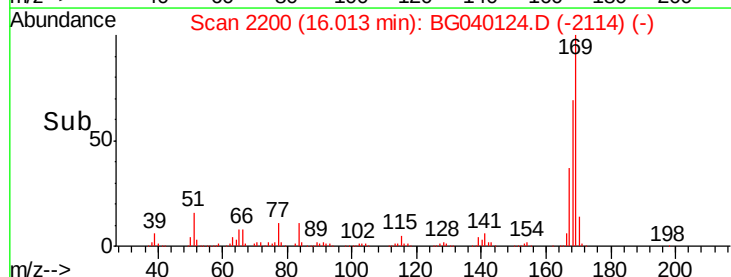
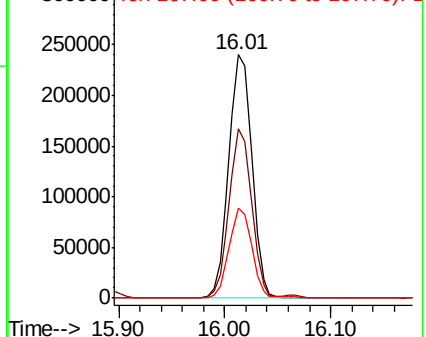
167 36.9 28.8 43.2

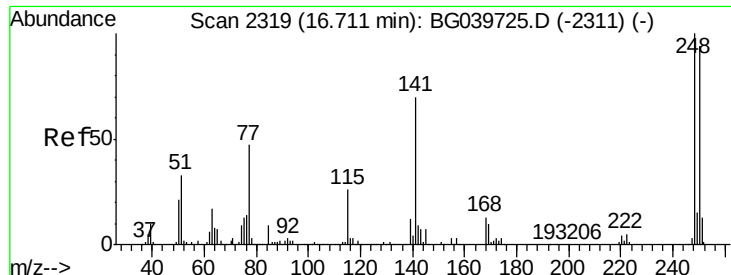


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

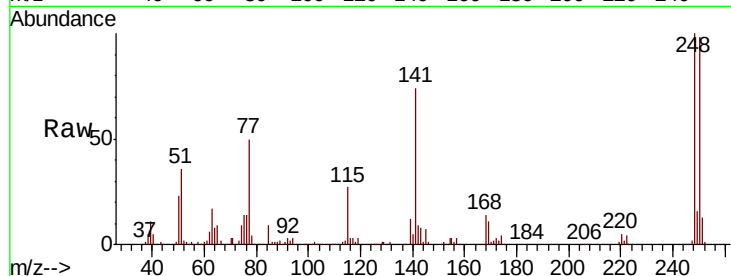




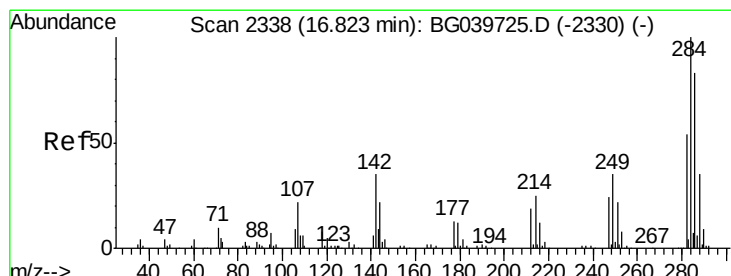
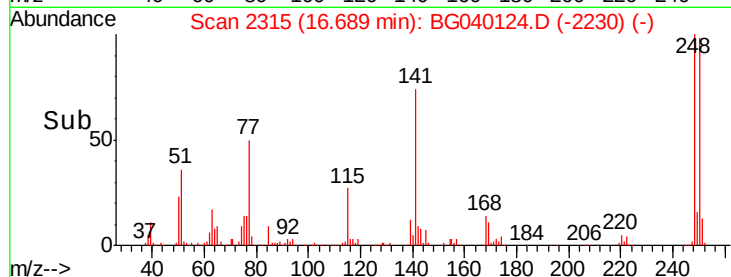
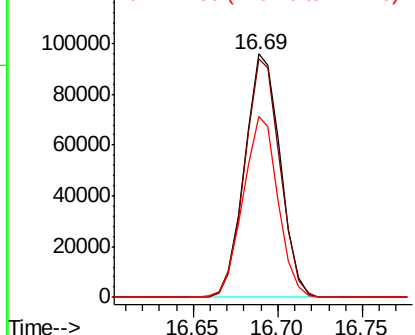
#67
 4-Bromophenyl-phenylether
 Concen: 43.651 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:248 Resp: 139905
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.6 116.4
 141 74.2 63.9 95.9

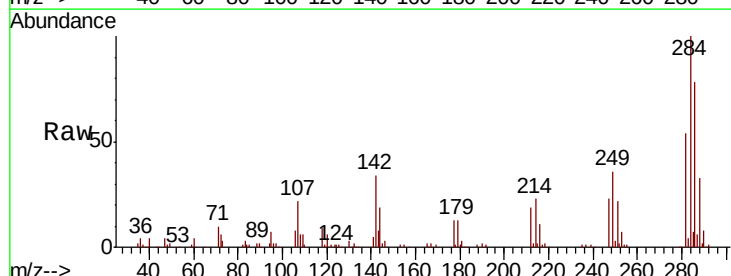


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

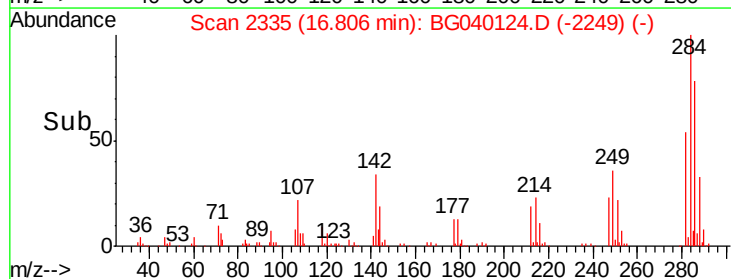
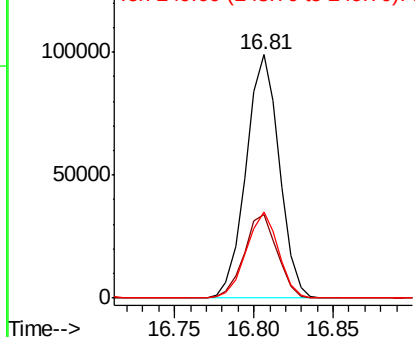


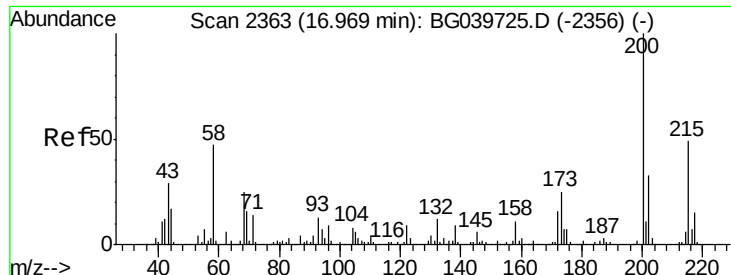
#68
 Hexachlorobenzene
 Concen: 43.257 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:284 Resp: 143714
 Ion Ratio Lower Upper
 284 100
 142 34.3 30.6 45.8
 249 35.6 28.2 42.2



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

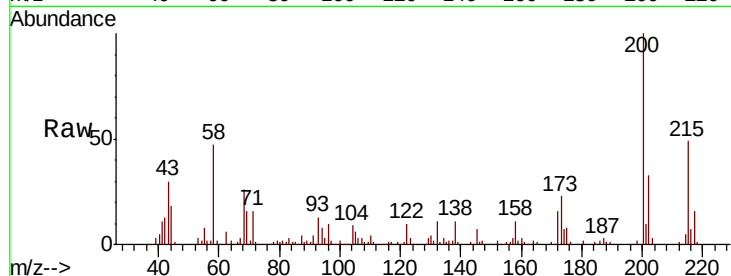




#69
 Atrazine
 Concen: 44.956 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	3.9	43.9
215	48.7	30.9	70.9

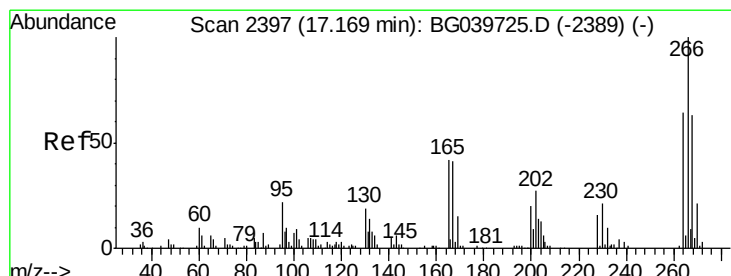
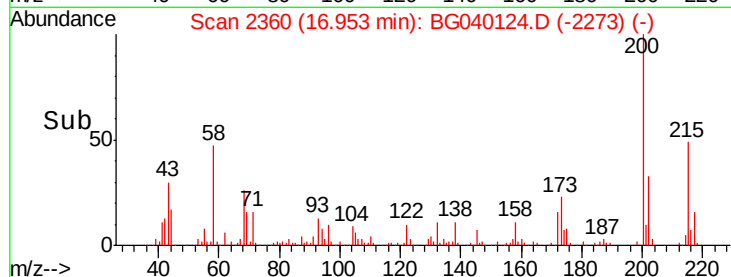
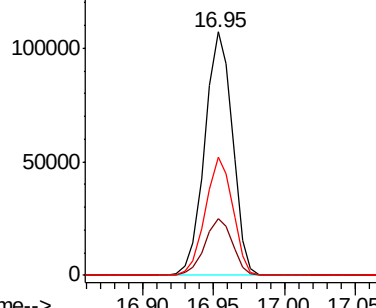


Abundance

Ion 200.00 (199.70 to 200.70): E

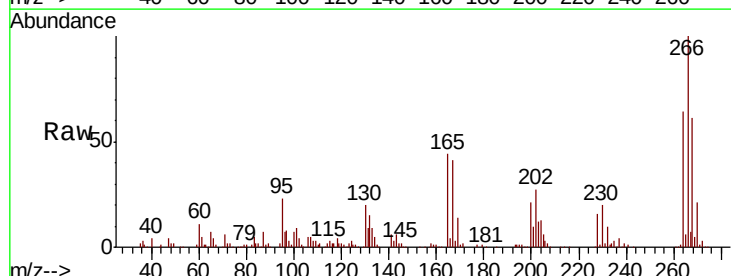
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.773 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.1	76.7
264	63.7	52.1	78.1

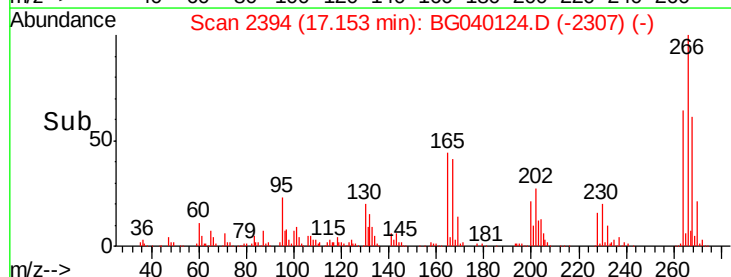
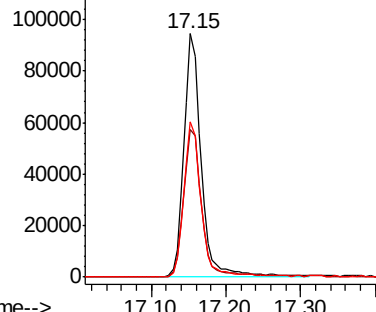


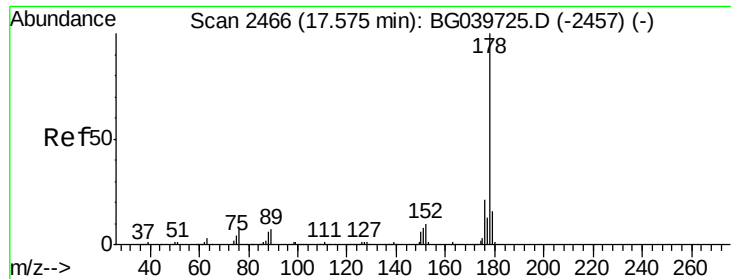
Abundance

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

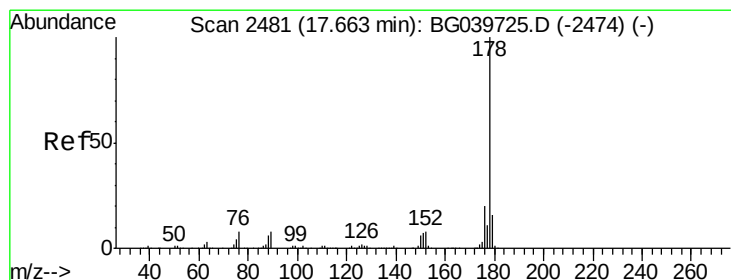
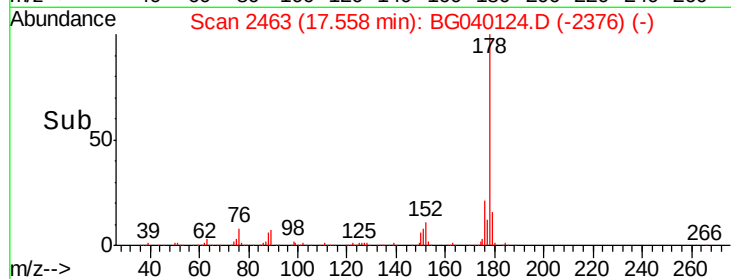
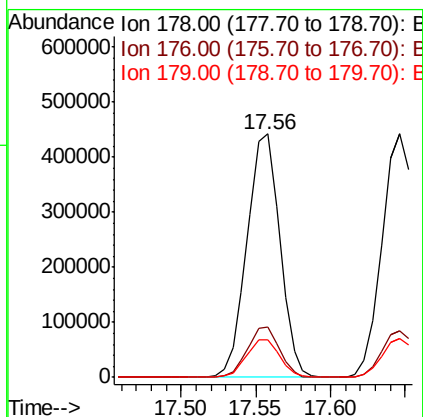
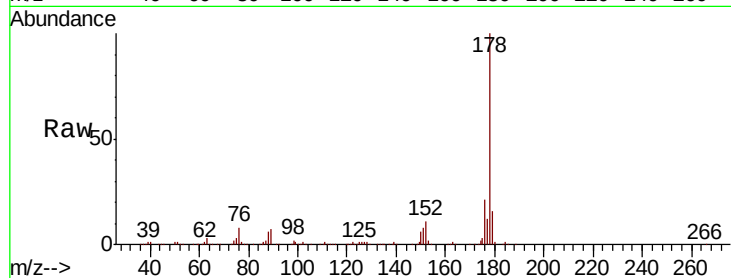




#71
Phenanthrene
Concen: 42.703 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

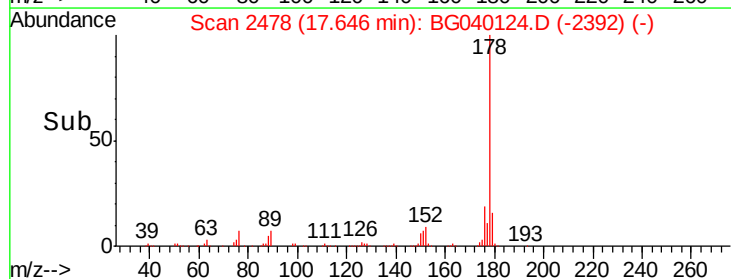
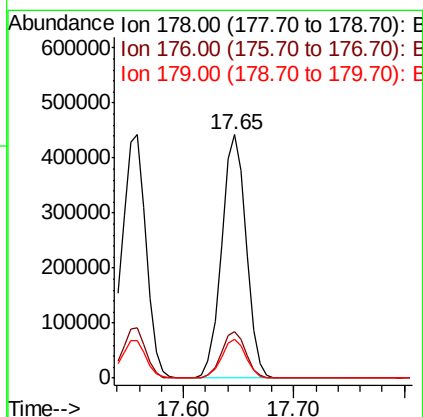
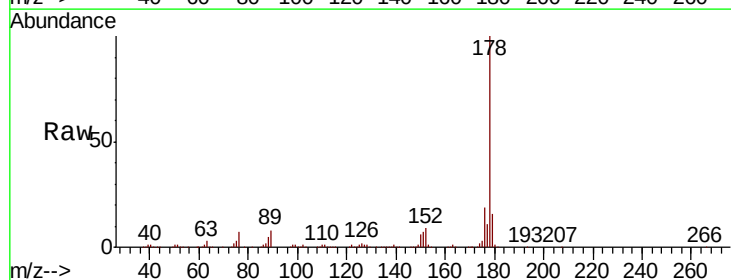
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

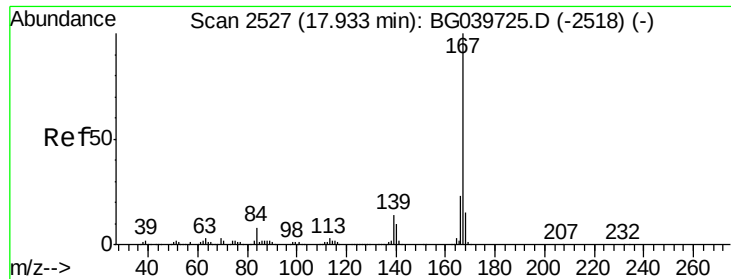
Tgt Ion:178 Resp: 673505
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 15.6 12.6 19.0



#72
Anthracene
Concen: 44.583 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:178 Resp: 685218
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.8 12.5 18.7

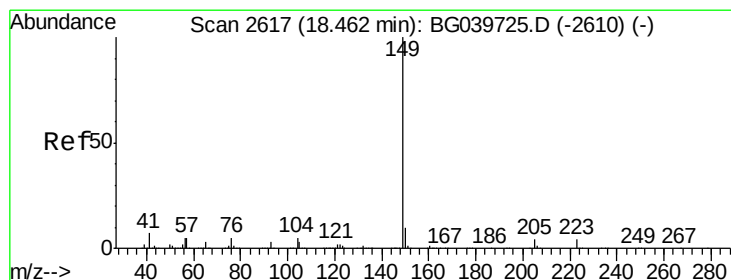
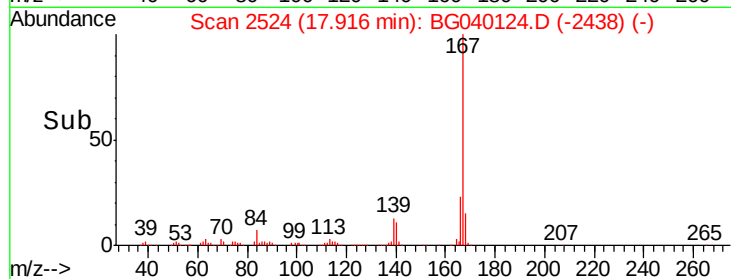
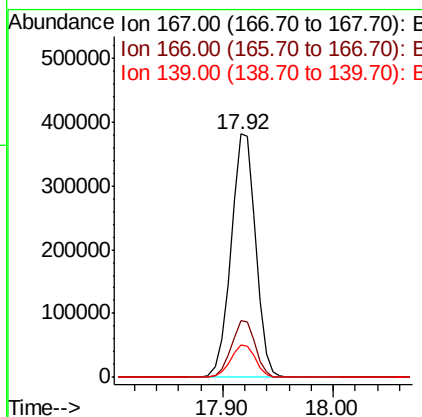
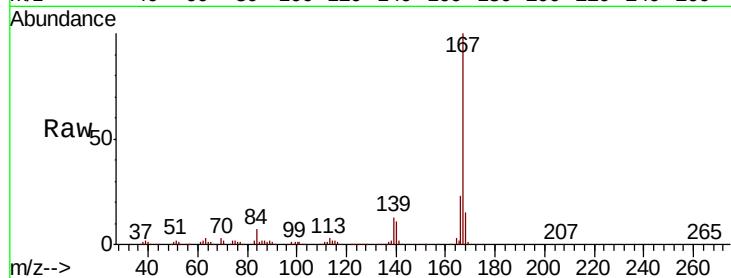




#73
 Carbazole
 Concen: 43.050 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

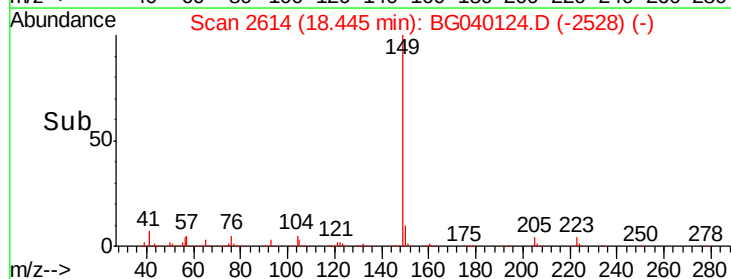
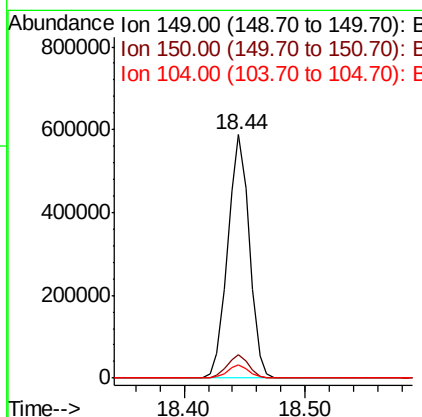
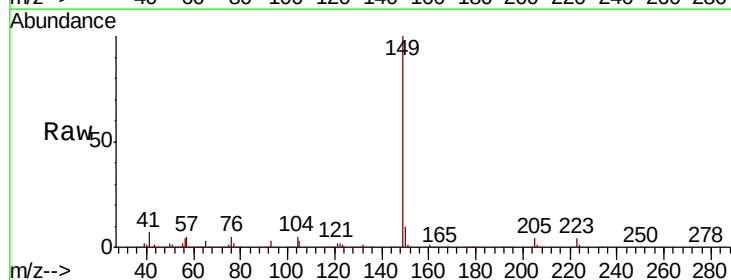
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

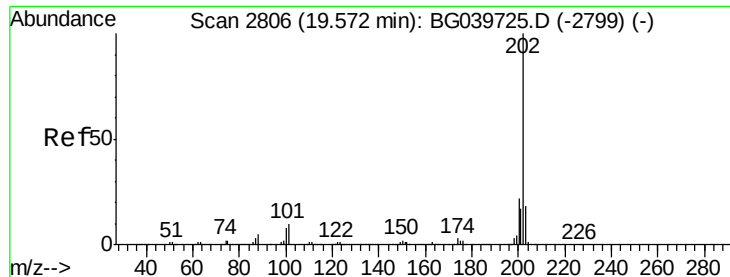
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 44.747 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 43.064 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

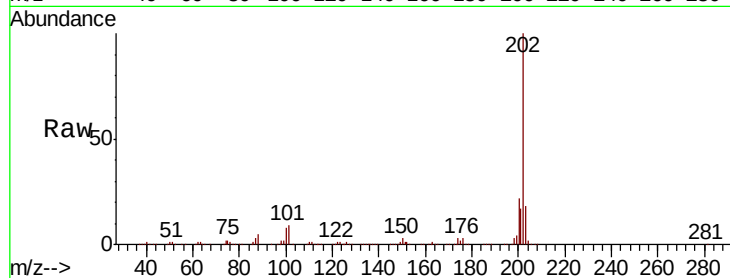
Tgt Ion:202 Resp: 802686

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.0

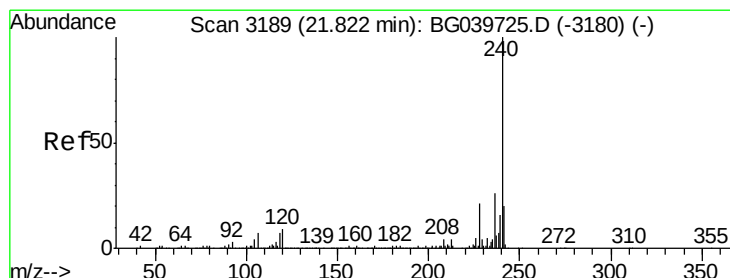
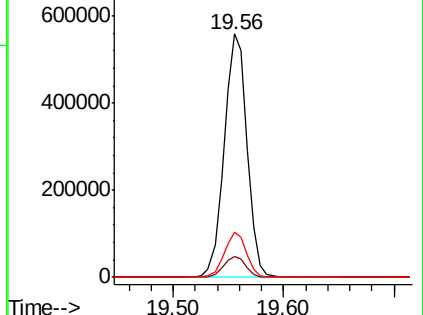
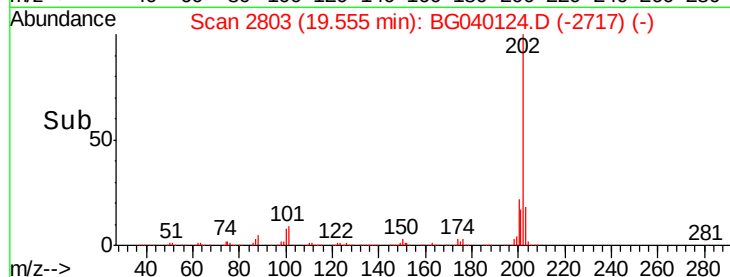
203 18.5 0.0 38.9



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

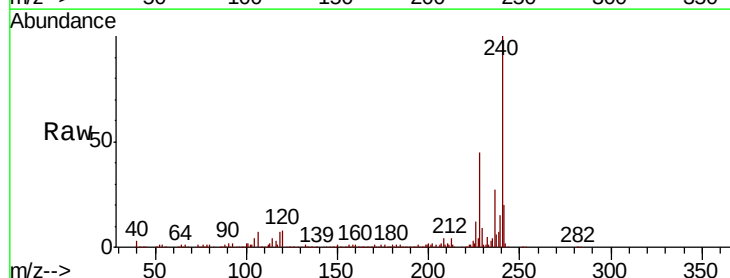
Tgt Ion:240 Resp: 281590

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

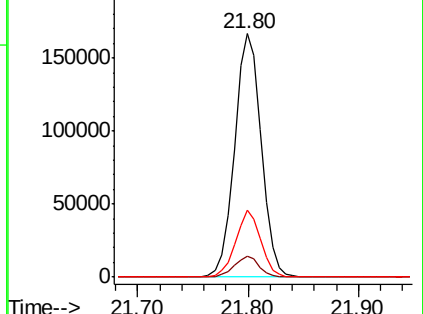
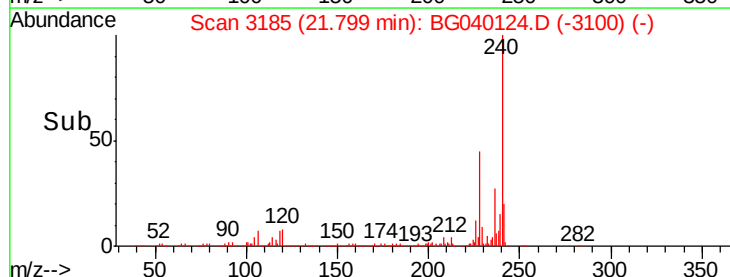
236 27.4 21.0 31.4

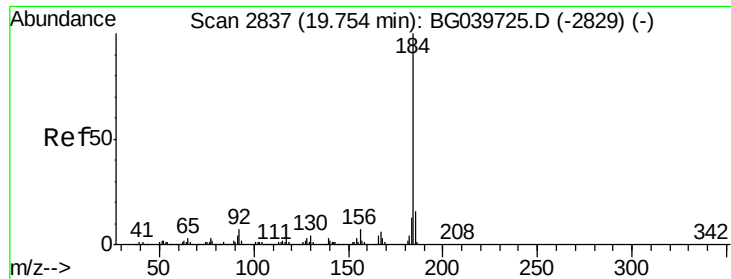


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.634 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

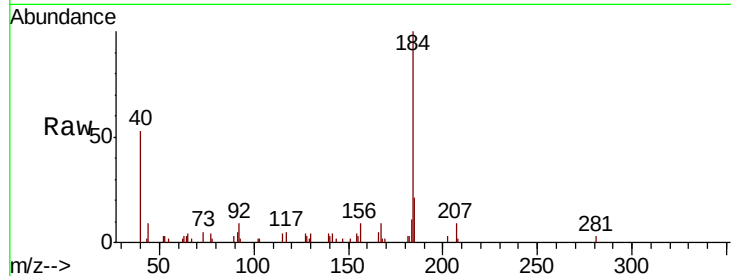
Tgt Ion:184 Resp: 14602

Ion Ratio Lower Upper

184 100

185 21.2 12.2 18.2#

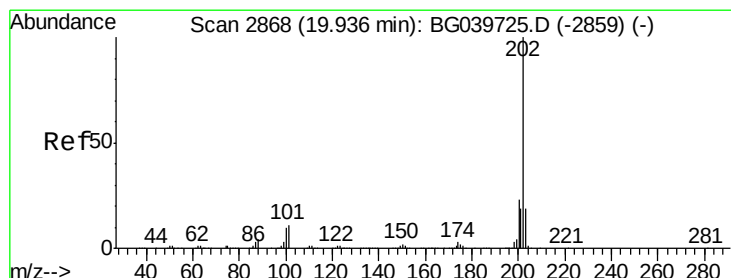
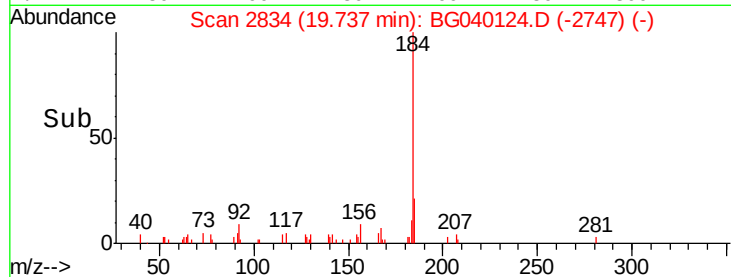
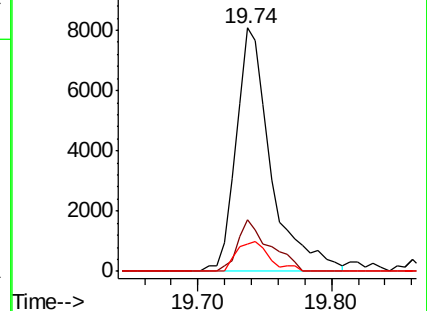
183 11.2 10.6 15.8



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: 44.466 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

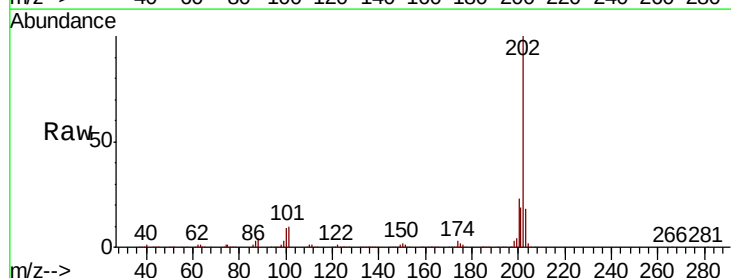
Tgt Ion:202 Resp: 813642

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

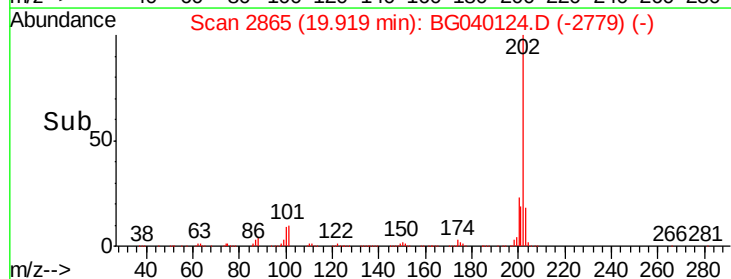
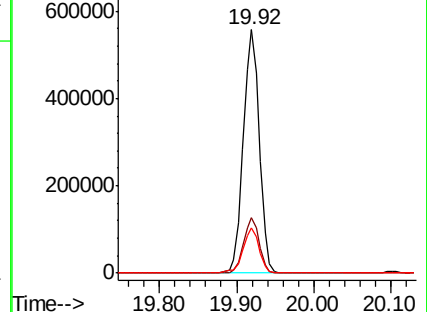
203 18.4 15.3 22.9

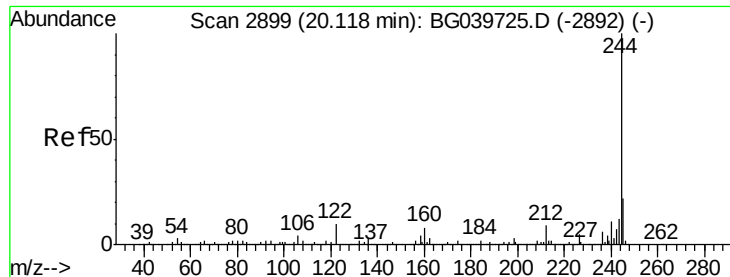


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.070 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

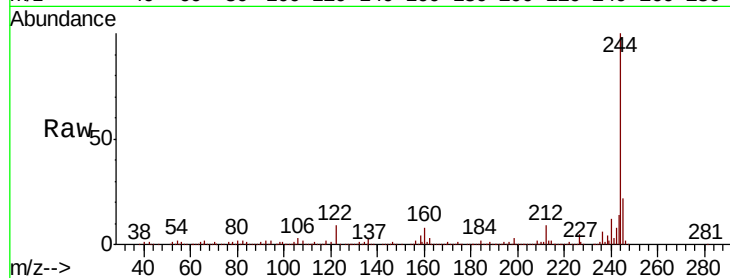
Tgt Ion:244 Resp: 1126338

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

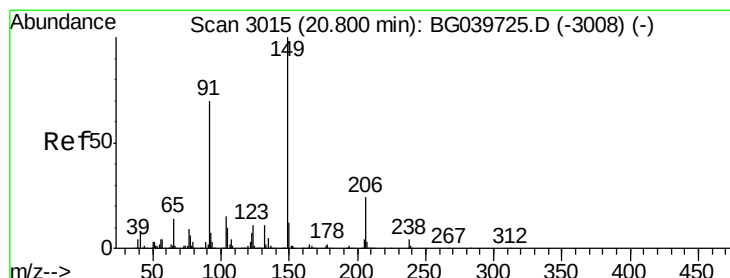
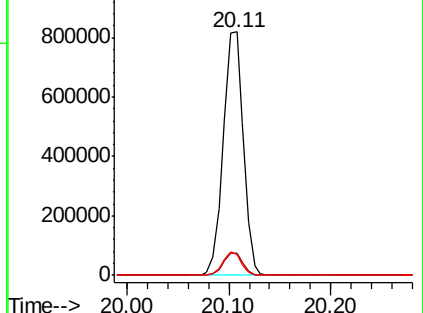
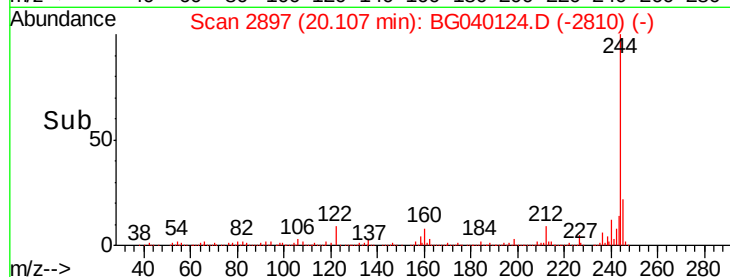
122 8.6 8.4 12.6



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: 46.790 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

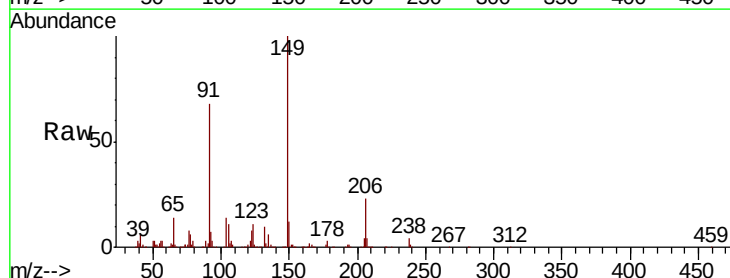
Tgt Ion:149 Resp: 331695

Ion Ratio Lower Upper

149 100

91 67.7 59.5 89.3

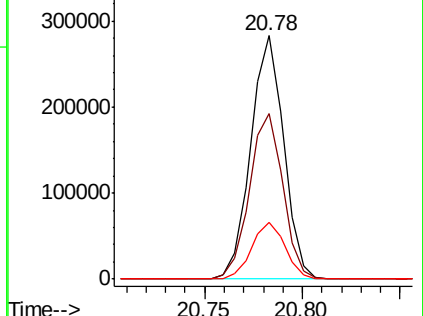
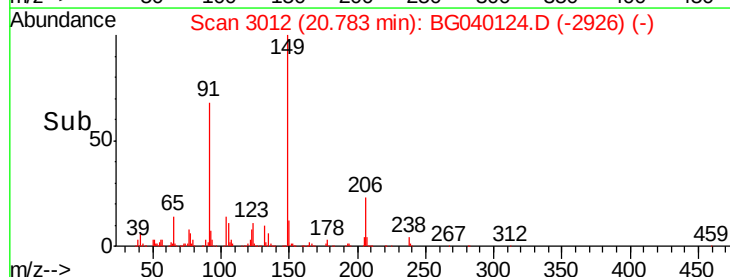
206 23.4 18.6 27.8

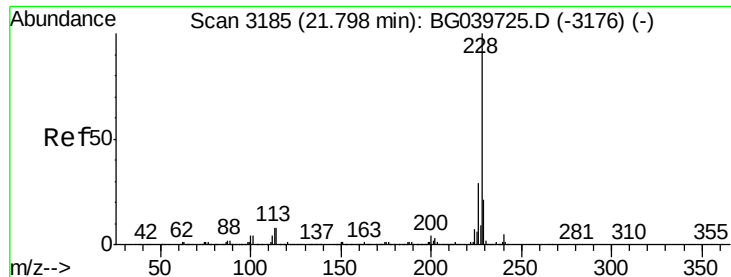


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

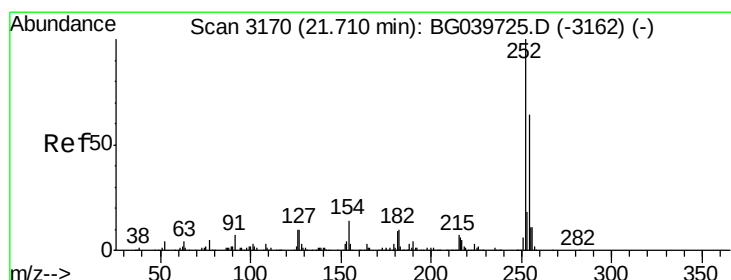
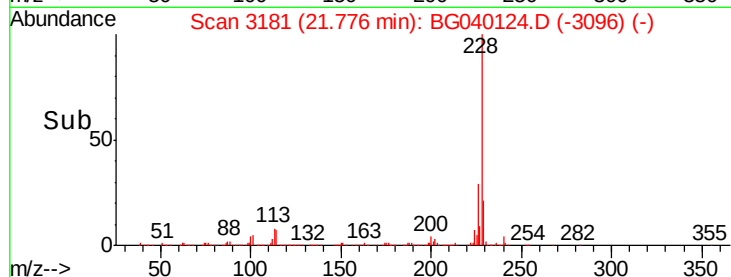
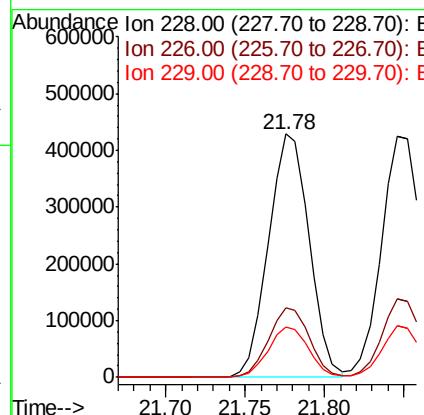
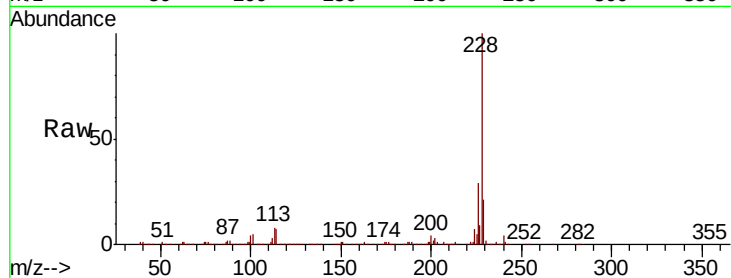




#81
Benzo(a)anthracene
Concen: 43.369 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

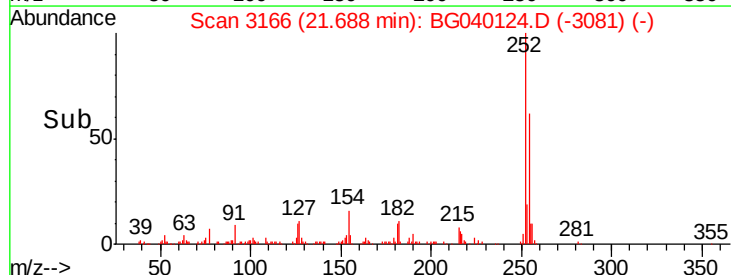
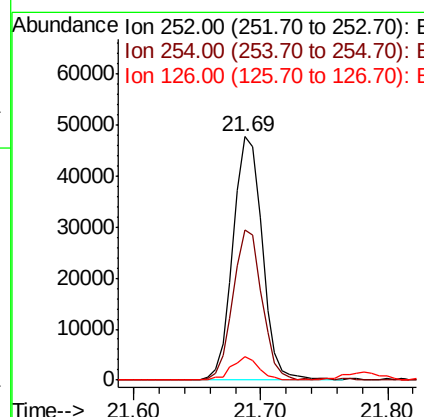
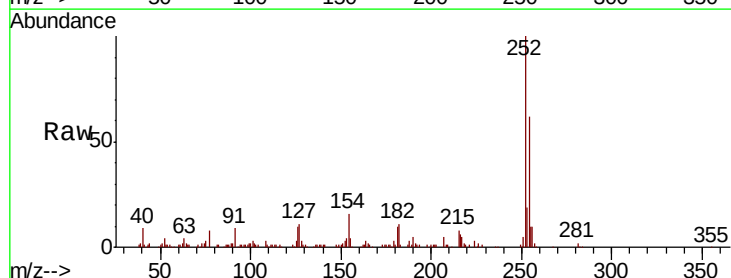
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

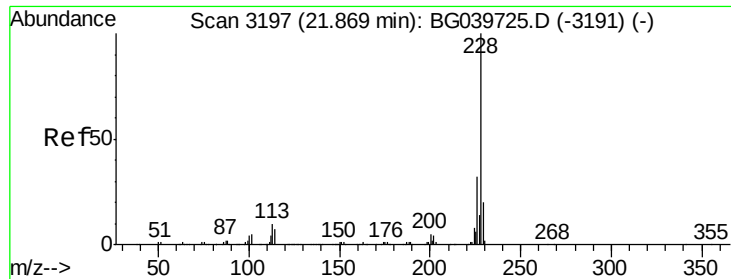
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.8	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 11.845 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.3	76.9
126	9.9	8.0	12.0

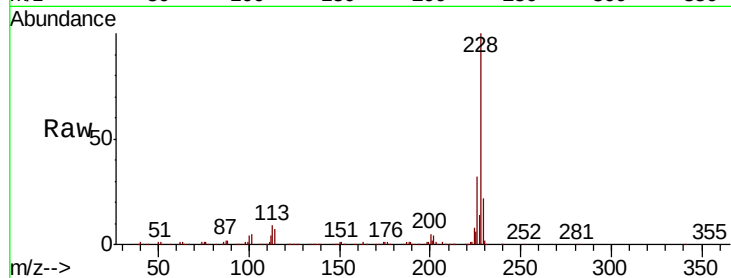




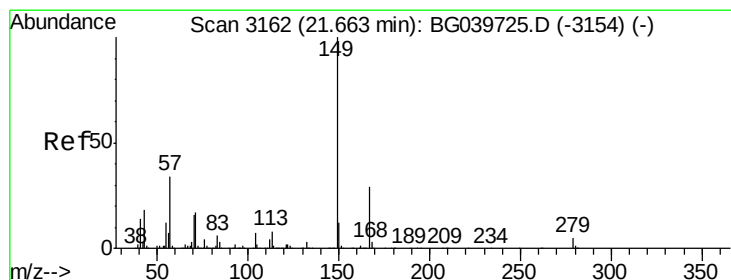
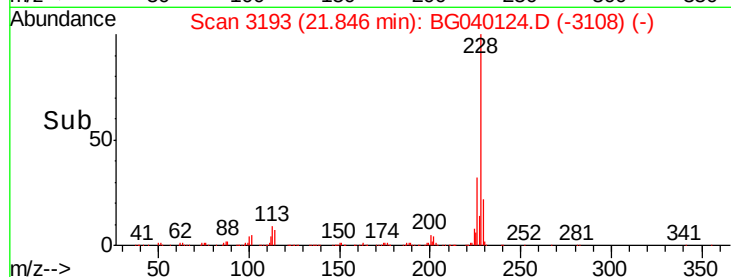
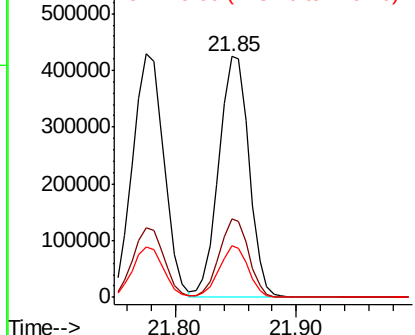
#83
Chrysene
Concen: 42.981 ng
RT: 21.85 min Scan# 3193
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion: 228 Resp: 735374
Ion Ratio Lower Upper
228 100
226 32.5 25.8 38.6
229 21.5 16.6 25.0

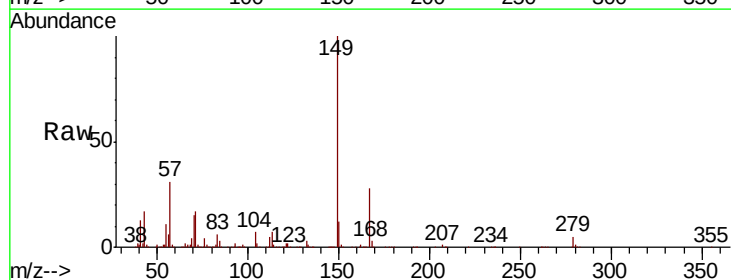


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

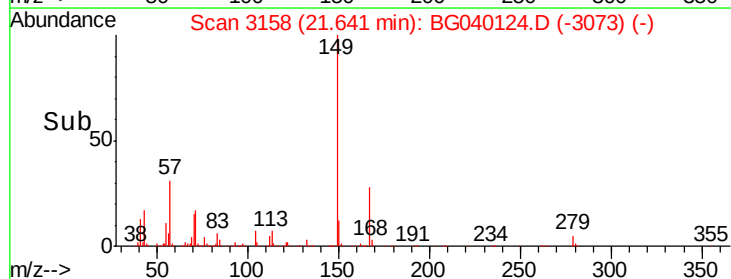
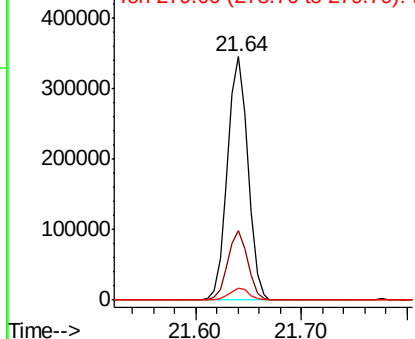


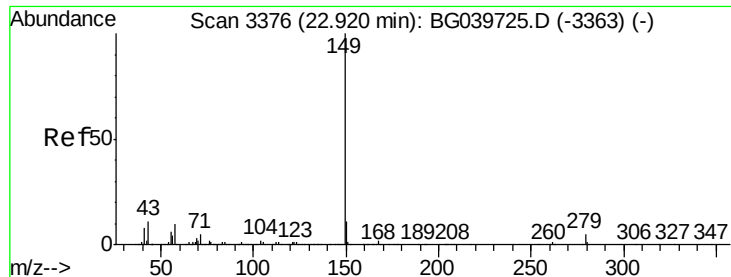
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.216 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion: 149 Resp: 460397
Ion Ratio Lower Upper
149 100
167 28.4 22.6 34.0
279 5.1 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

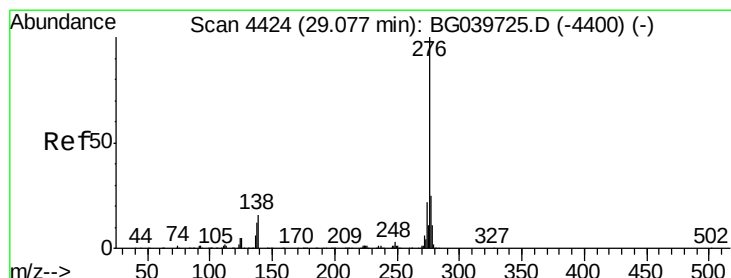
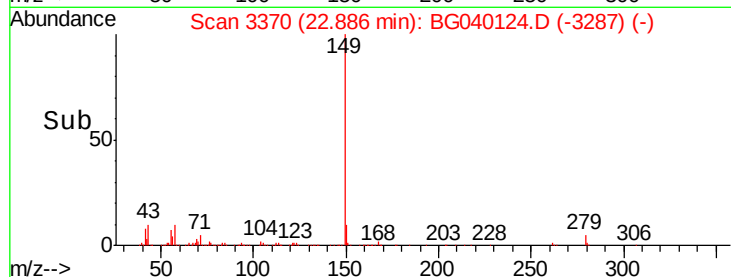
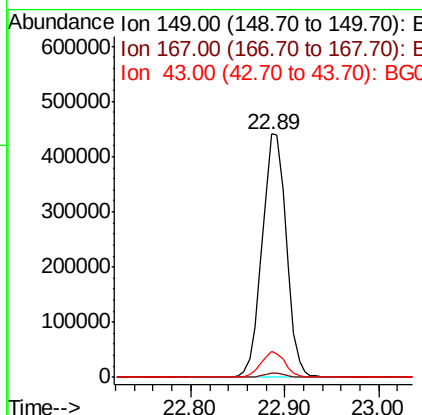
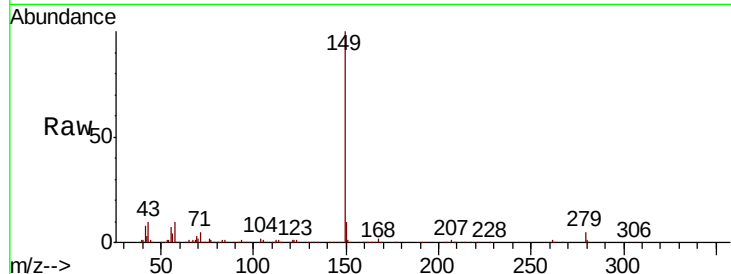




#85
 Di-n-octyl phthalate
 Concen: 47.654 ng
 RT: 22.89 min Scan# 3370
 Delta R.T. -0.04 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

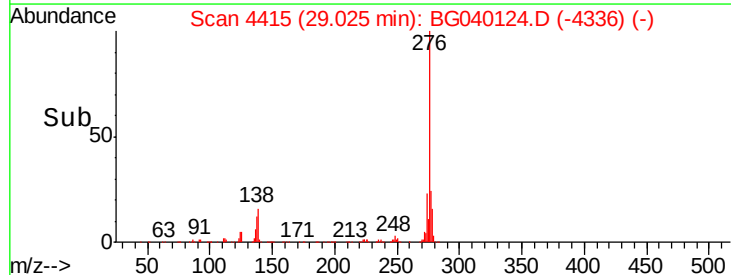
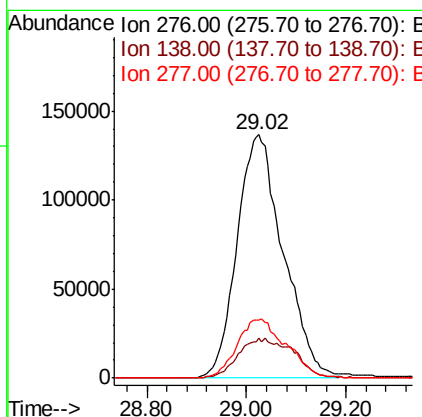
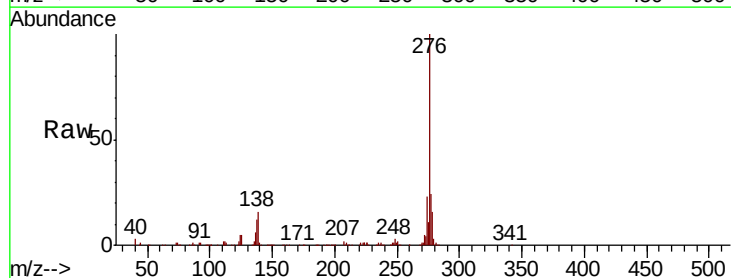
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

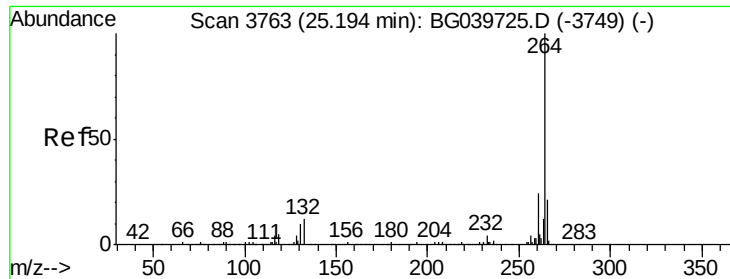
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	10.2	15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 45.281 ng
 RT: 29.02 min Scan# 4415
 Delta R.T. -0.06 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	12.6	19.0#
277	25.7	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

S4B(2-10)MS

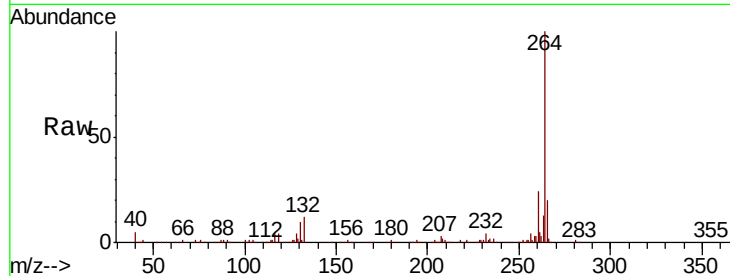
Tgt Ion:264 Resp: 297741

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

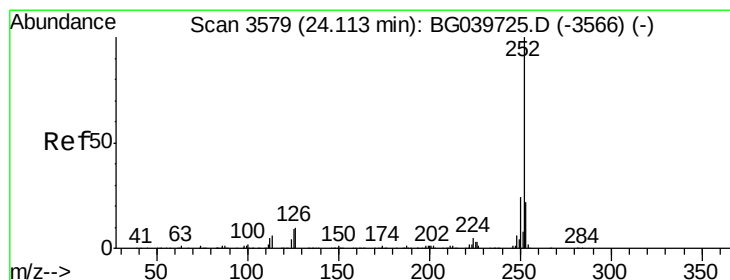
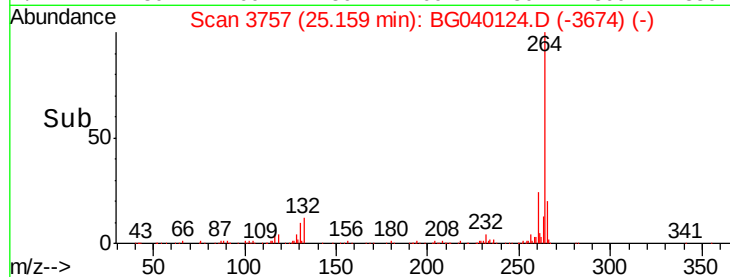
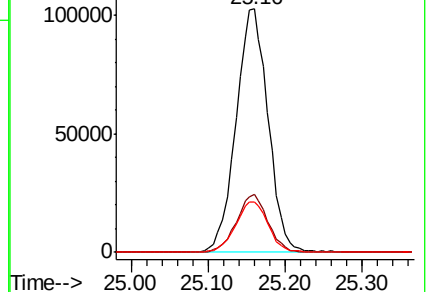
265 20.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.350 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.04 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

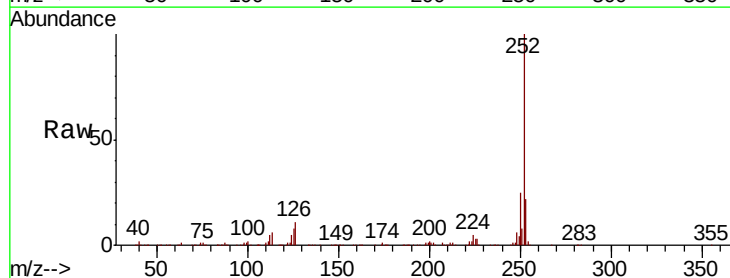
Tgt Ion:252 Resp: 787425

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

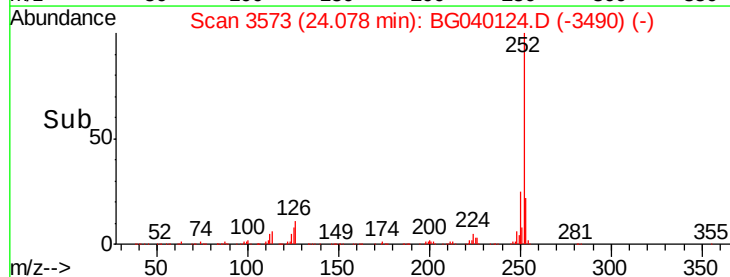
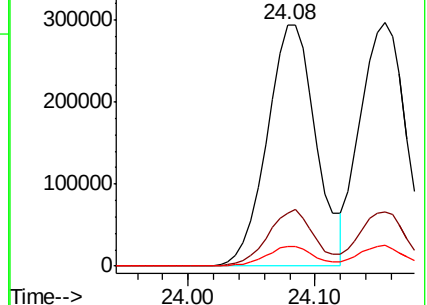
125 8.3 7.8 11.6

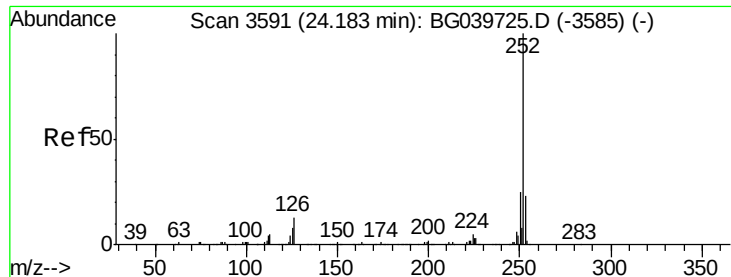


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

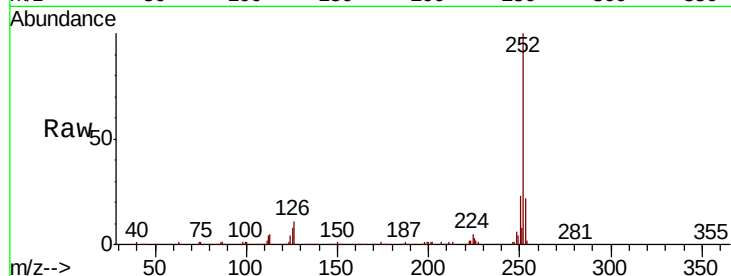




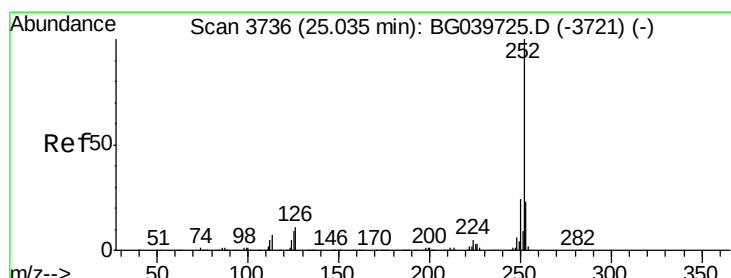
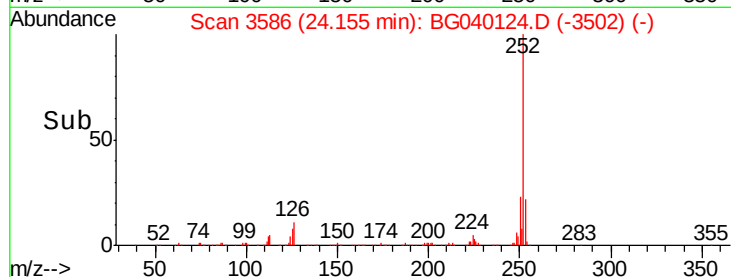
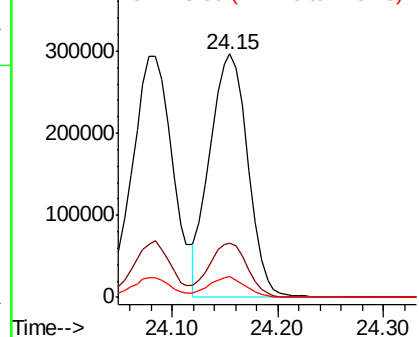
#89
Benzo(k)fluoranthene
Concen: 44.679 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion:252 Resp: 738421
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.3 7.4 11.2

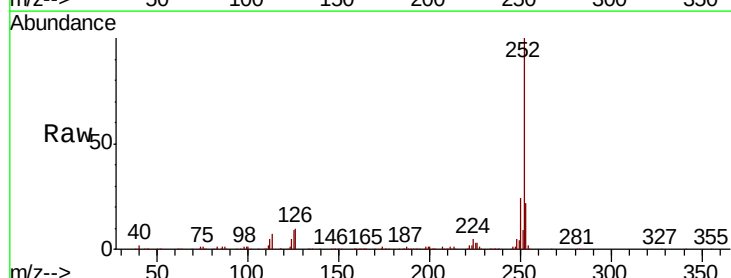


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

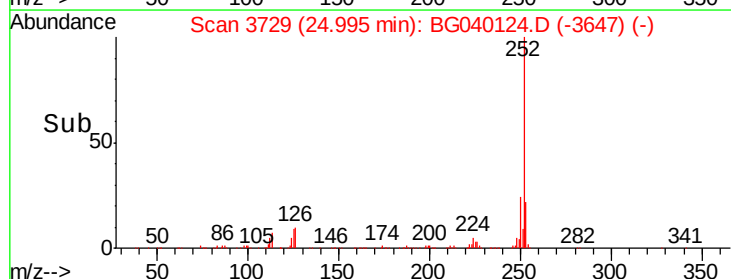
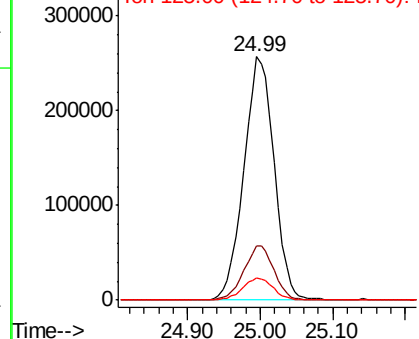


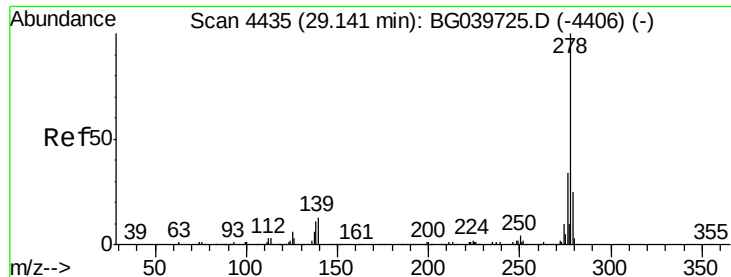
#90
Benzo(a)pyrene
Concen: 45.300 ng
RT: 24.99 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:252 Resp: 743212
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.9 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

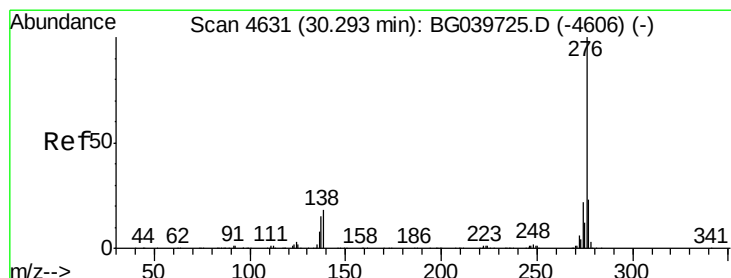
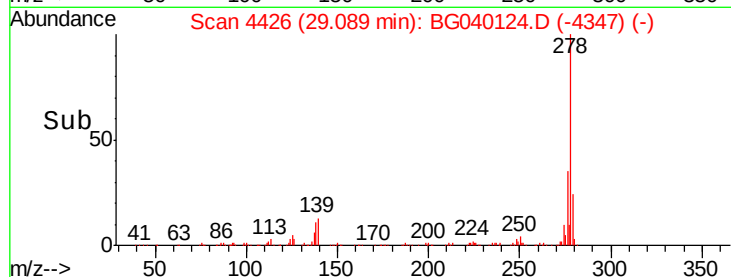
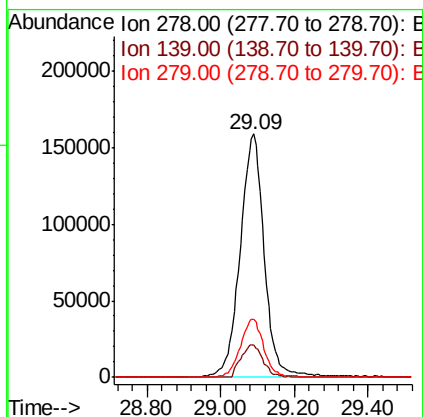
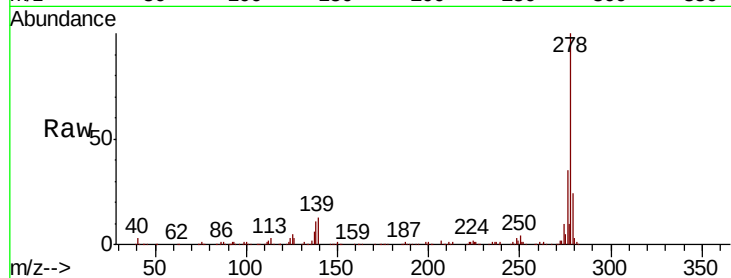




#91
Dibenzo(a,h)anthracene
Concen: 44.946 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	23.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 45.182 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	16.6	14.7	22.1

