

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040077.D
 Acq On : 21 Mar 2019 22:30
 Operator : JU/SJ
 Sample : K1989-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Quant Time: Mar 22 01:36:29 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	8.15	152	39121	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	171421	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	122738	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	295700	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	278424	20.00	ng	-0.02
87) Perylene-d12	25.16	264	288079	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	311840	135.99	ng	-0.02
7) Phenol-d6	7.29	99	424659	124.20	ng	-0.02
23) Nitrobenzene-d5	9.32	82	295034	93.08	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	211232	147.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	709514	82.31	ng	-0.02
79) Terphenyl-d14	20.11	244	1174102	92.85	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	33101	31.266	ng	# 22
3) Pyridine	3.99	79	90999	32.107	ng	95
4) n-Nitrosodimethylamine	3.90	42	51270	38.132	ng	88
6) Aniline	7.47	93	50529	11.280	ng	99
8) 2-Chlorophenol	7.71	128	122461	44.019	ng	94
9) Benzaldehyde	7.28	77	38652	17.525	ng	95
10) Phenol	7.32	94	144572	39.030	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	120346	41.672	ng	99
12) 1,3-Dichlorobenzene	8.03	146	127430	40.501	ng	94
13) 1,4-Dichlorobenzene	8.18	146	128966	40.241	ng	97
14) 1,2-Dichlorobenzene	8.50	146	126621	40.892	ng	98
15) Benzyl Alcohol	8.39	79	118042	43.521	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	222472	38.517	ng	96
17) 2-Methylphenol	8.58	107	107280	45.422	ng	95
18) Hexachloroethane	9.23	117	46639	40.557	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	100267	40.742	ng	92
20) 3+4-Methylphenols	8.91	107	148838	45.361	ng	98
22) Acetophenone	8.97	105	193485	42.054	ng	# 96
24) Nitrobenzene	9.37	77	147410	44.333	ng	97
25) Isophorone	9.88	82	295651	44.518	ng	98
26) 2-Nitrophenol	10.07	139	72711	45.291	ng	97
27) 2,4-Dimethylphenol	10.11	122	129405	51.828	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	176537	43.742	ng	98
29) 2,4-Dichlorophenol	10.61	162	142636	50.739	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	140216	44.326	ng	98
31) Naphthalene	11.01	128	402320	44.328	ng	99
32) Benzoic acid	10.23	122	27574	20.472	ng	92
33) 4-Chloroaniline	11.14	127	9411	2.445	ng	97
34) Hexachlorobutadiene	11.28	225	91882	42.506	ng	96
35) Caprolactam	11.91	113	22707	21.145	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	154936	48.079	ng	98
37) 2-Methylnaphthalene	12.60	142	307917	45.379	ng	97
38) 1-Methylnaphthalene	12.83	142	296683	44.992	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	174508	41.969	ng	99

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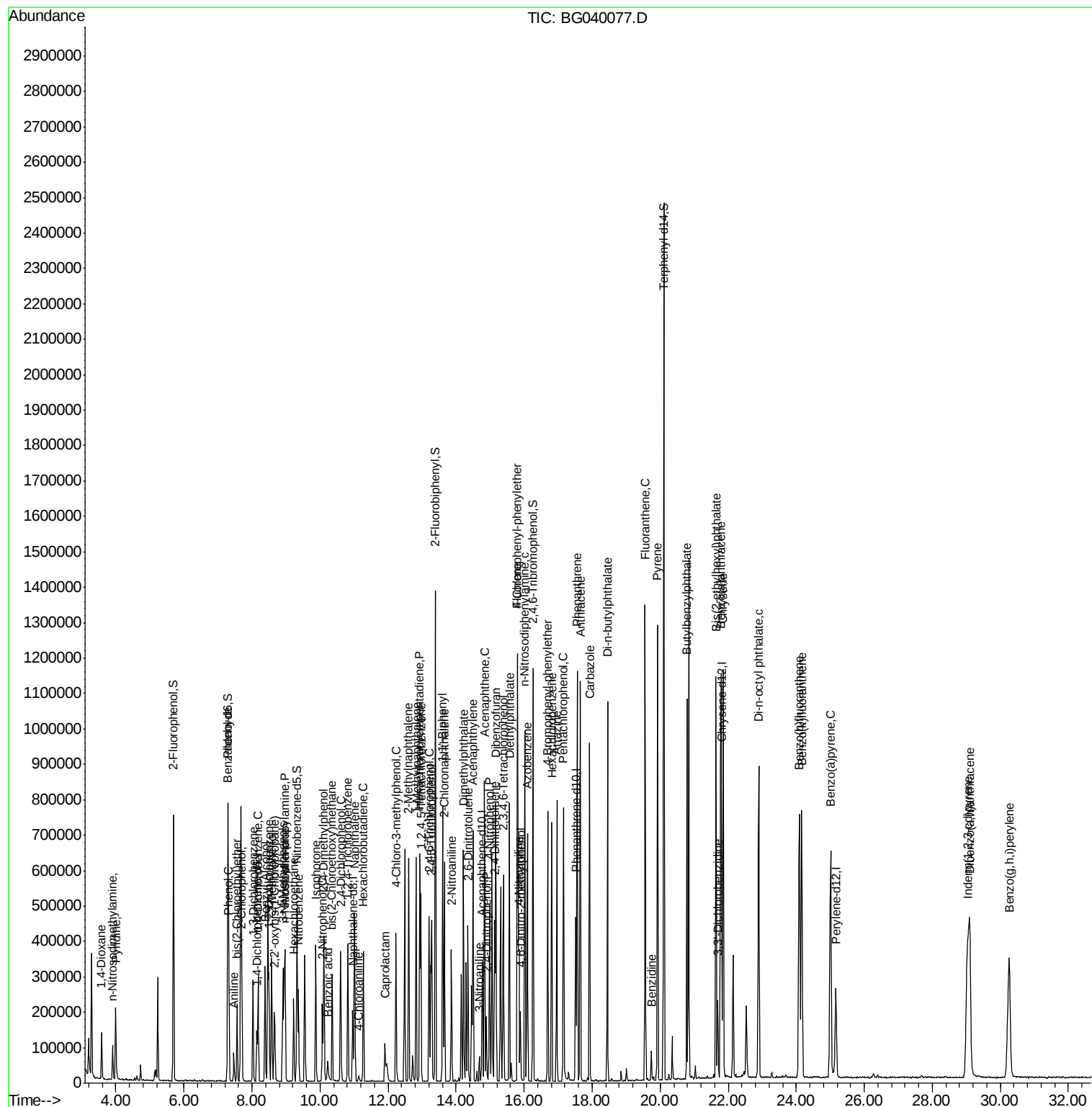
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	194603	87.332	ng	100
43) 2,4,6-Trichlorophenol	13.21	196	120138	49.351	ng	97
44) 2,4,5-Trichlorophenol	13.28	196	128444	46.810	ng	99
46) 1,1'-Biphenyl	13.60	154	423188	41.920	ng	98
47) 2-Chloronaphthalene	13.66	162	326762	43.027	ng	98
48) 2-Nitroaniline	13.86	65	112050	45.911	ng	96
49) Acenaphthylene	14.50	152	532803	42.737	ng	99
50) Dimethylphthalate	14.22	163	453042	44.142	ng	99
51) 2,6-Dinitrotoluene	14.35	165	101938	46.852	ng	96
52) Acenaphthene	14.84	154	324823	43.289	ng	98
53) 3-Nitroaniline	14.68	138	16979	7.763	ng	93
54) 2,4-Dinitrophenol	14.89	184	47299	37.463	ng	97
55) Dibenzofuran	15.17	168	537634	43.671	ng	97
56) 4-Nitrophenol	14.98	139	137056	70.051	ng	92
57) 2,4-Dinitrotoluene	15.14	165	143258	46.859	ng	# 84
58) Fluorene	15.81	166	426033	44.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	128788	48.059	ng	97
60) Diethylphthalate	15.57	149	458695	45.148	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	224491	43.468	ng	98
62) 4-Nitroaniline	15.85	138	96181	40.564	ng	95
63) Azobenzene	16.09	77	405711	44.053	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	51417	29.408	ng	92
66) n-Nitrosodiphenylamine	16.02	169	394145	46.042	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	148130	44.754	ng	95
68) Hexachlorobenzene	16.81	284	154306	44.975	ng	95
69) Atrazine	16.96	200	155361	46.113	ng	96
70) Pentachlorophenol	17.16	266	156125	72.053	ng	98
71) Phenanthrene	17.56	178	712982	43.775	ng	99
72) Anthracene	17.65	178	726493	45.772	ng	98
73) Carbazole	17.92	167	623402	43.568	ng	98
74) Di-n-butylphthalate	18.45	149	760027	45.145	ng	100
75) Fluoranthene	19.56	202	831163	43.180	ng	99
77) Benzidine	19.74	184	51029	5.776	ng	99
78) Pyrene	19.92	202	831726	45.972	ng	99
80) Butylbenzylphthalate	20.79	149	337085	48.091	ng	94
81) Benzo(a)anthracene	21.78	228	776720	44.512	ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	81420	12.780	ng	99
83) Chrysene	21.85	228	742881	43.913	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	468152	47.529	ng	100
85) Di-n-octyl phthalate	22.90	149	803165	49.246	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.03	276	886837	46.210	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	786281	45.771	ng	98
89) Benzo(k)fluoranthene	24.16	252	744021	46.528	ng	99
90) Benzo(a)pyrene	25.01	252	757594	47.725	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	720279	46.284	ng	96
92) Benzo(g,h,i)perylene	30.26	276	733417	46.925	ng	96

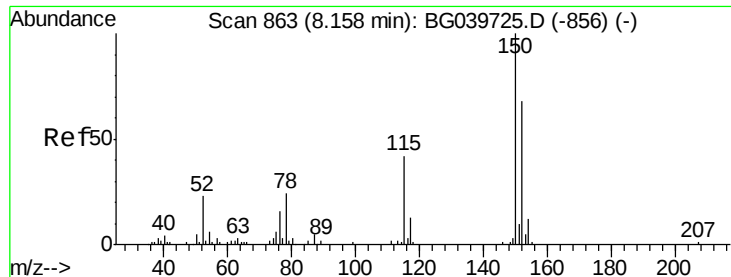
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

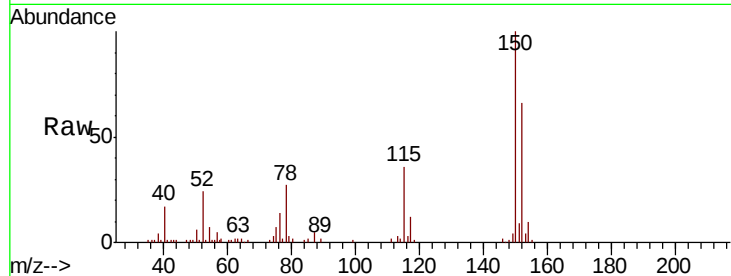
Tgt Ion:152 Resp: 39121

Ion Ratio Lower Upper

152 100

150 152.4 123.7 185.5

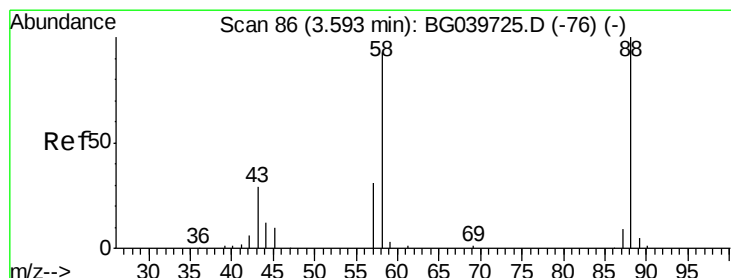
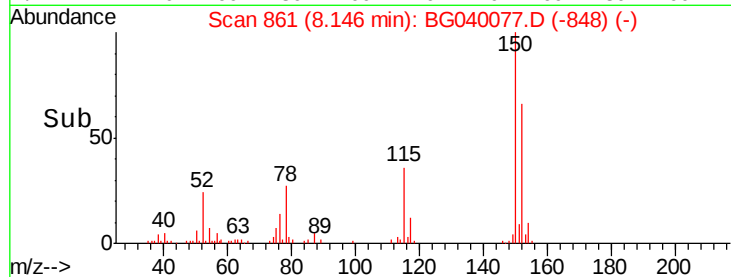
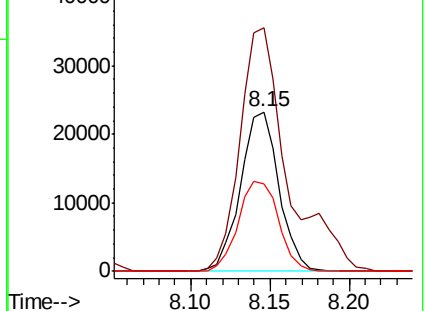
115 54.7 45.9 68.9



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: 31.266 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

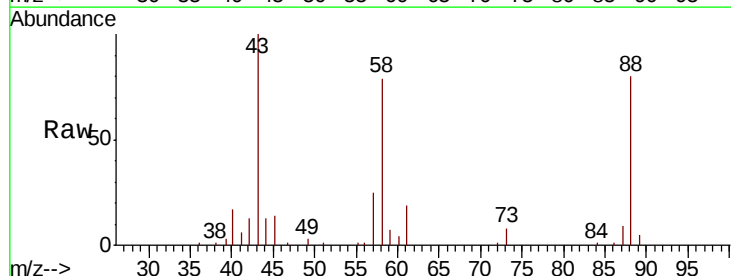
Tgt Ion: 88 Resp: 33101

Ion Ratio Lower Upper

88 100

58 97.1 81.1 121.7

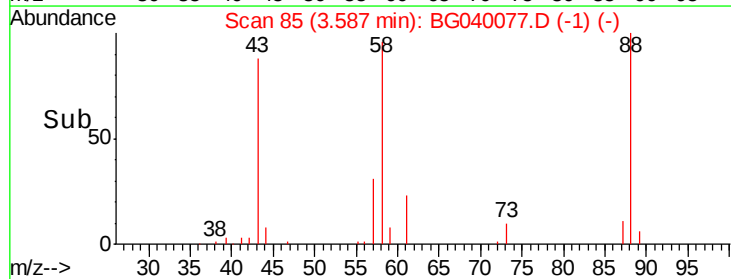
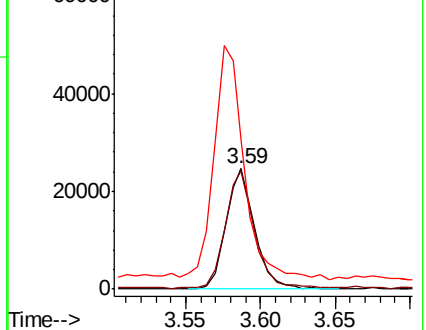
43 204.0 31.4 47.0#



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: 32.107 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

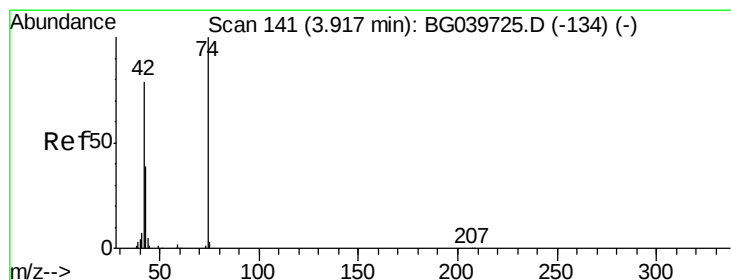
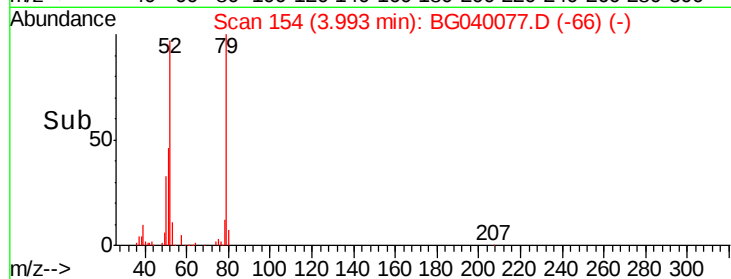
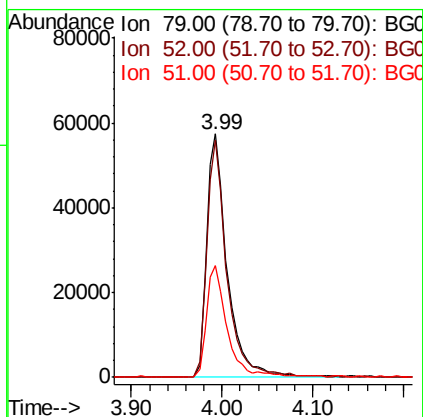
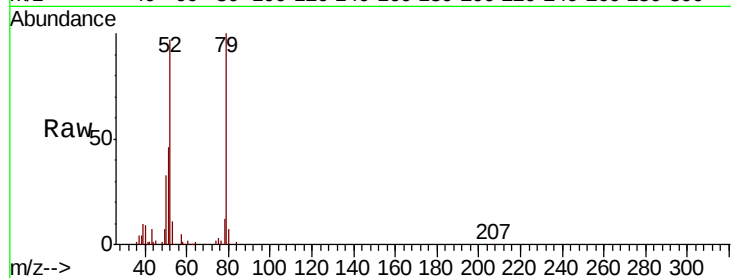
Tgt Ion: 79 Resp: 90999

Ion Ratio Lower Upper

79 100

52 97.2 82.6 124.0

51 45.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.132 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

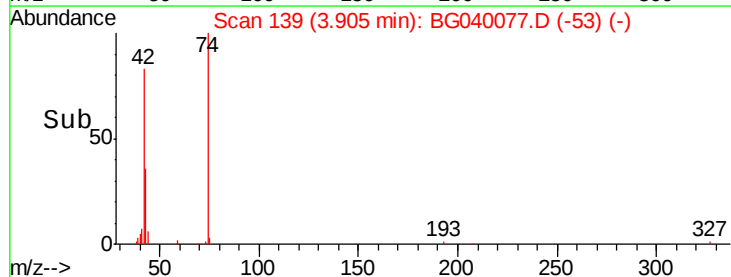
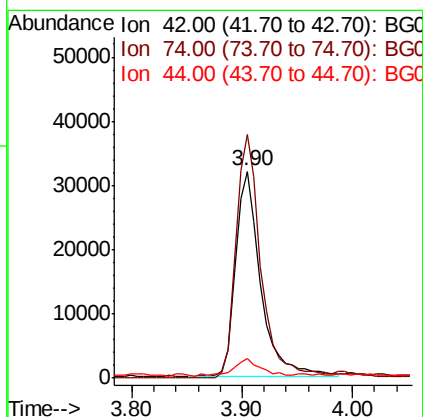
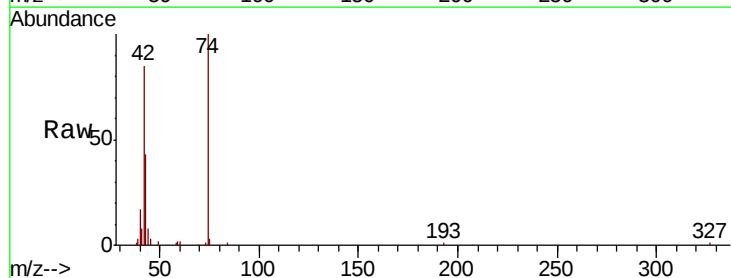
Tgt Ion: 42 Resp: 51270

Ion Ratio Lower Upper

42 100

74 117.9 83.6 125.4

44 9.4 6.9 10.3





#5

2-Fluorophenol

Concen: 135.989 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

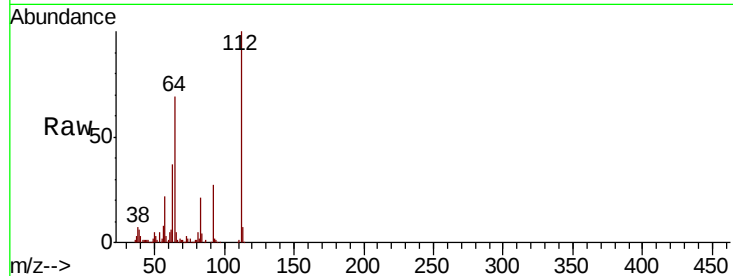
Tgt Ion: 112 Resp: 311840

Ion Ratio Lower Upper

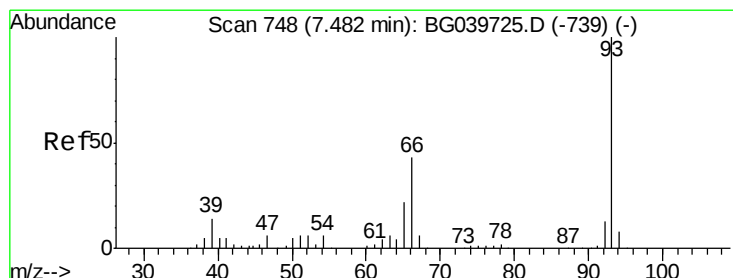
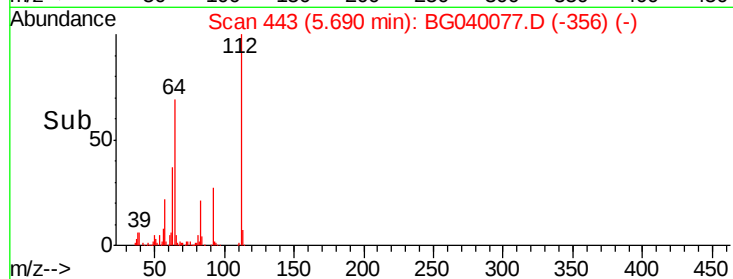
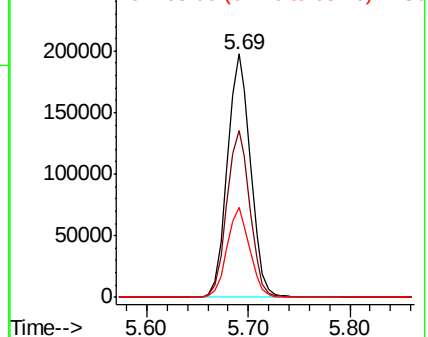
112 100

64 68.5 57.8 86.8

63 36.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.280 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

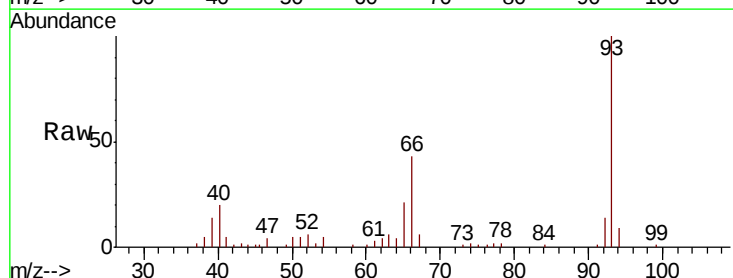
Tgt Ion: 93 Resp: 50529

Ion Ratio Lower Upper

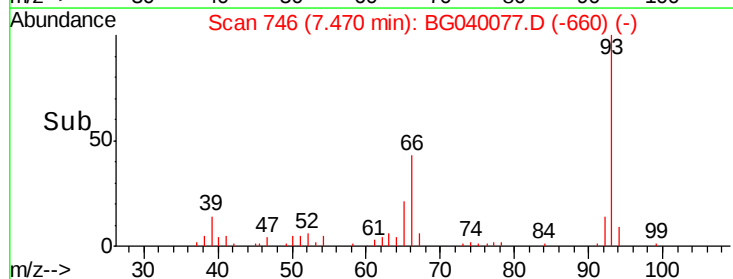
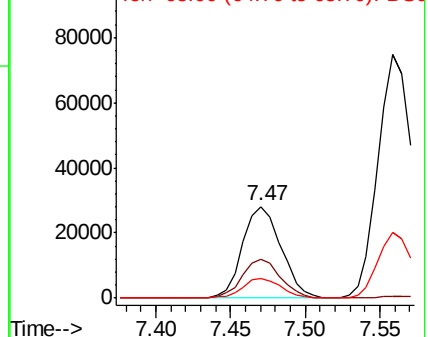
93 100

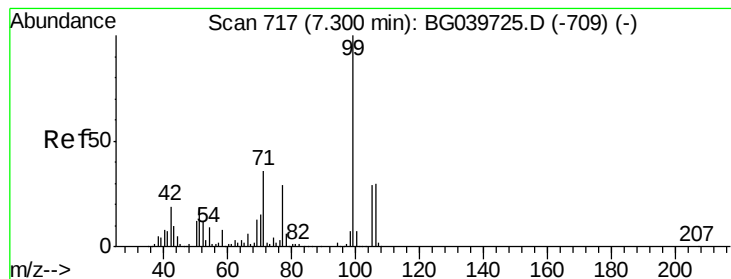
66 42.7 34.2 51.4

65 20.7 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: 124.199 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

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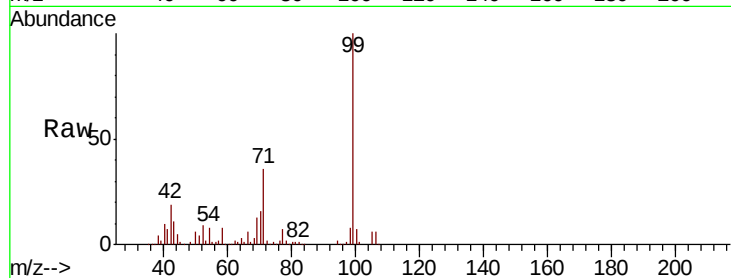
Tgt Ion: 99 Resp: 424659

Ion Ratio Lower Upper

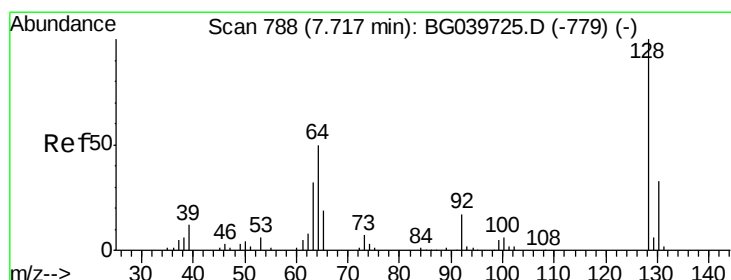
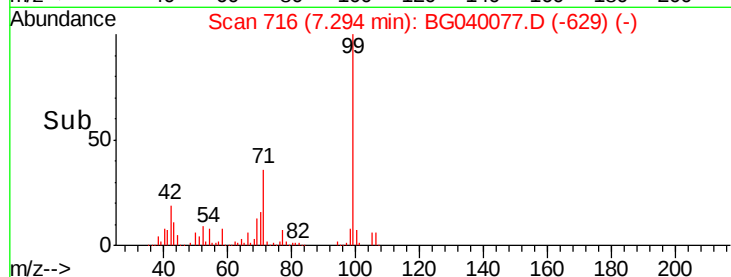
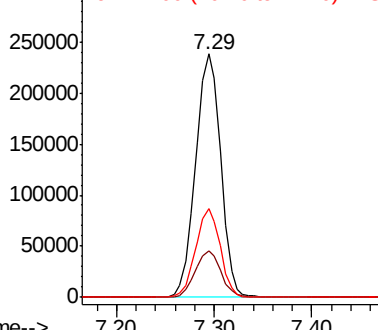
99 100

42 18.9 18.2 27.2

71 36.2 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: 44.019 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

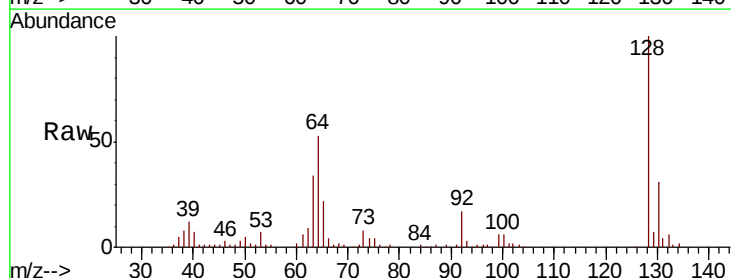
Tgt Ion: 128 Resp: 122461

Ion Ratio Lower Upper

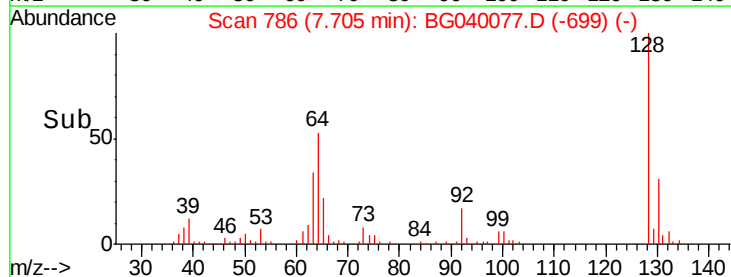
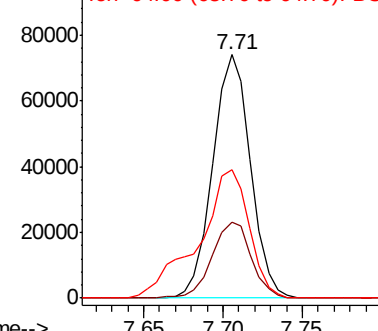
128 100

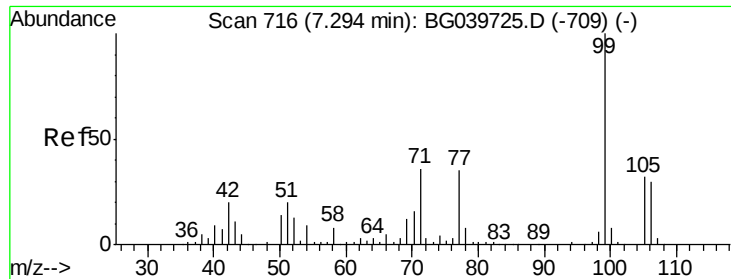
130 31.3 12.9 52.9

64 52.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 17.525 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

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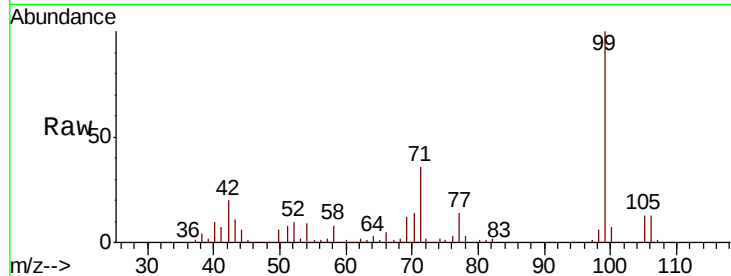
Tgt Ion: 77 Resp: 38652

Ion Ratio Lower Upper

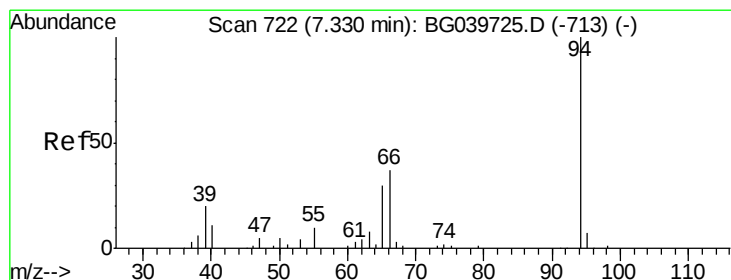
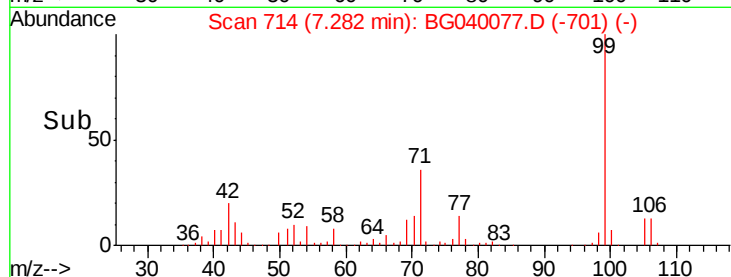
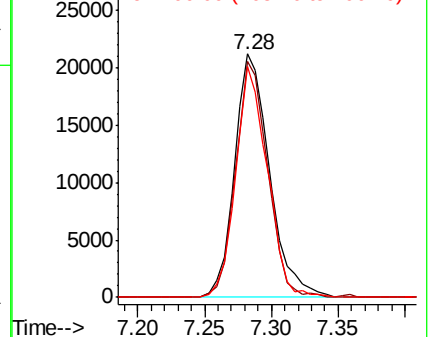
77 100

105 96.9 74.5 114.5

106 94.8 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: 39.030 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

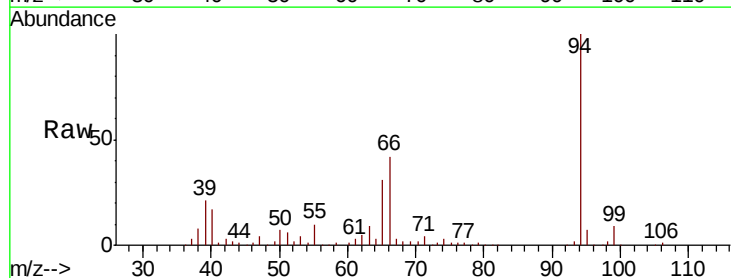
Tgt Ion: 94 Resp: 144572

Ion Ratio Lower Upper

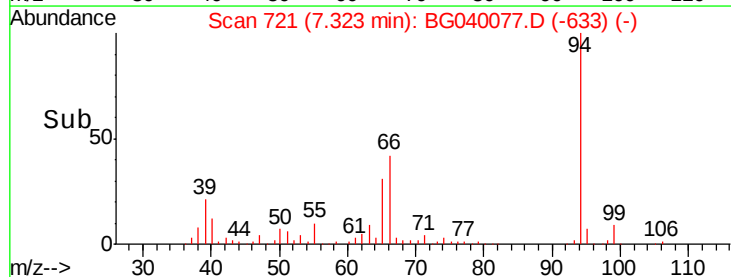
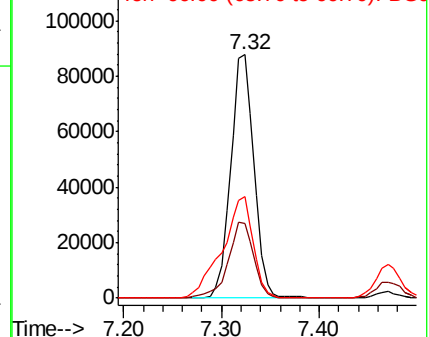
94 100

65 30.7 11.7 51.7

66 41.5 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

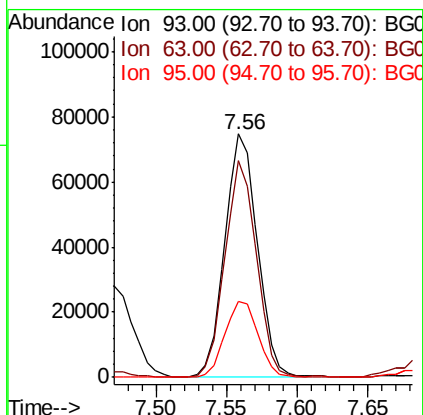
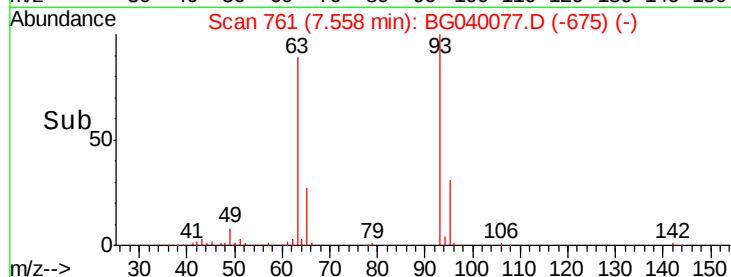
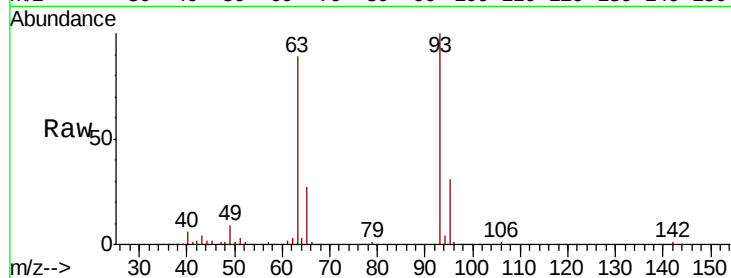




#11
 bis(2-Chloroethyl)ether
 Concen: 41.672 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

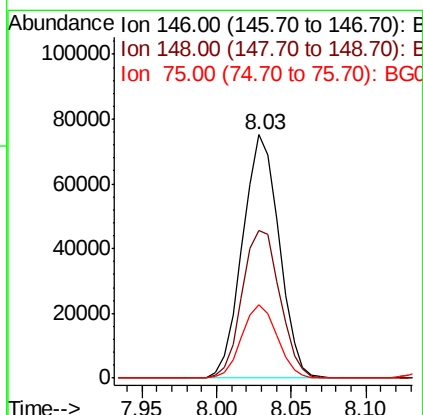
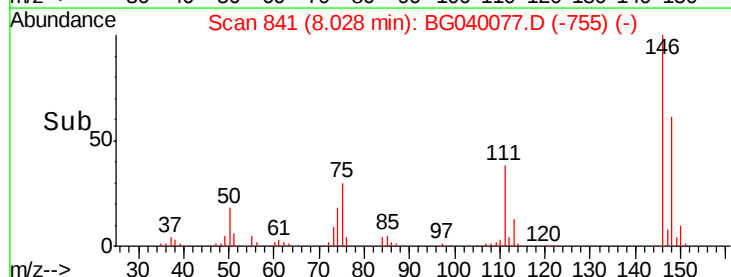
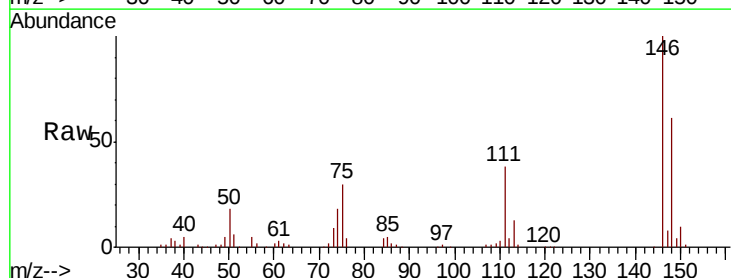
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

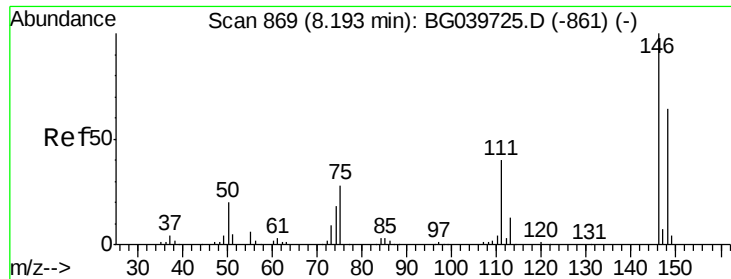
Tgt Ion: 93 Resp: 120346
 Ion Ratio Lower Upper
 93 100
 63 88.8 69.5 109.5
 95 31.2 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 40.501 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion: 146 Resp: 127430
 Ion Ratio Lower Upper
 146 100
 148 60.6 52.6 79.0
 75 29.9 25.8 38.6

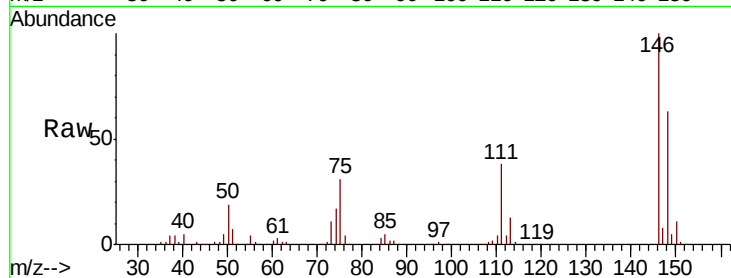




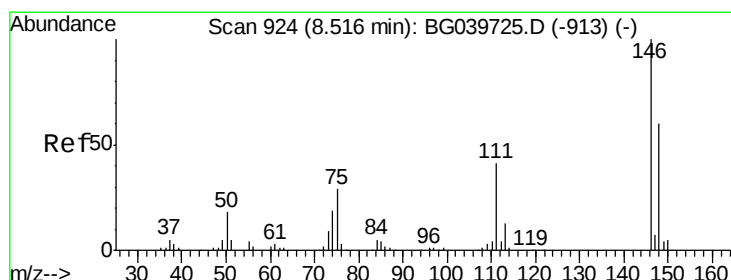
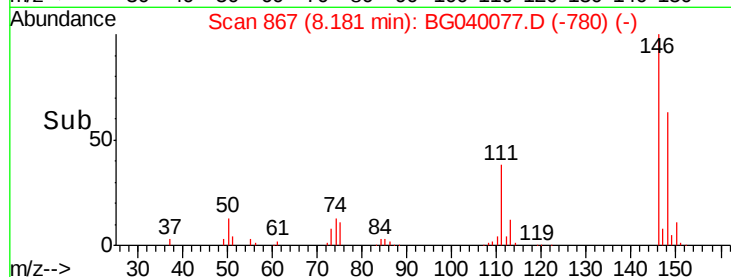
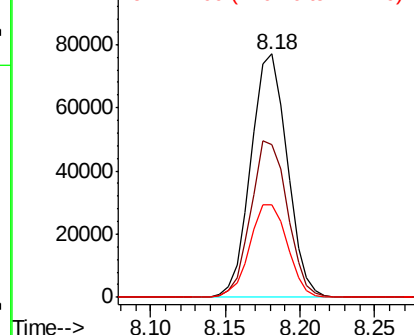
#13
 1,4-Dichlorobenzene
 Concen: 40.241 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tgt Ion:146 Resp: 128966
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 37.9 32.6 48.8

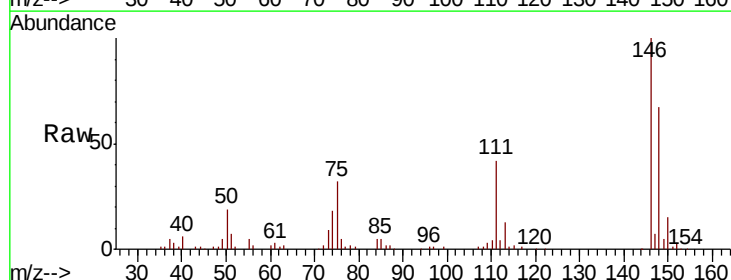


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

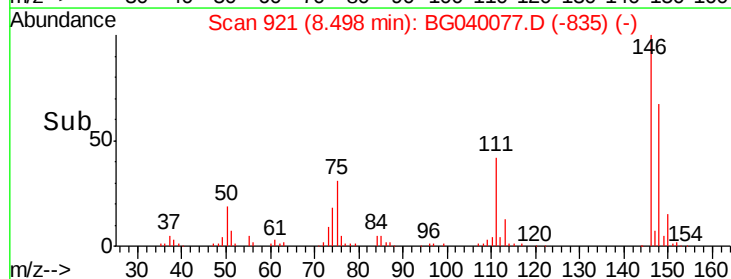
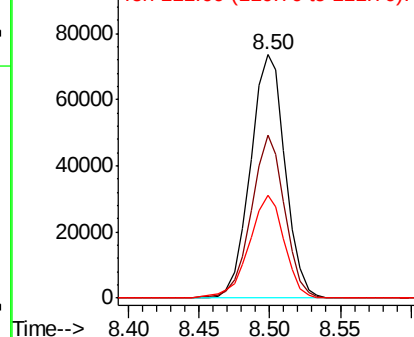


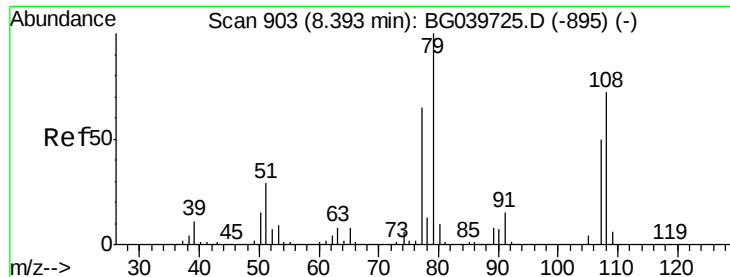
#14
 1,2-Dichlorobenzene
 Concen: 40.892 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion:146 Resp: 126621
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.5 77.3
 111 42.3 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: 43.521 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

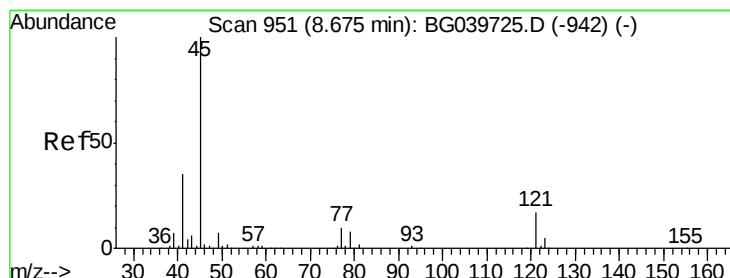
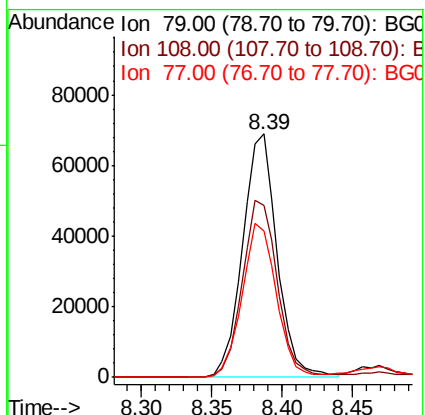
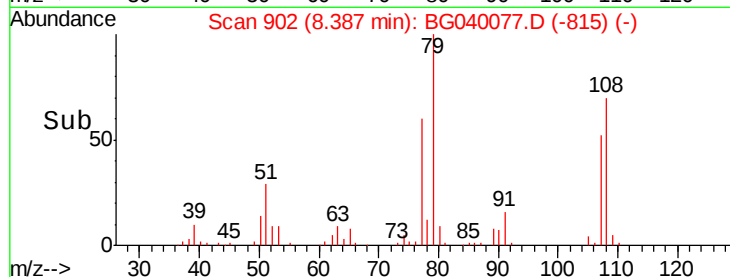
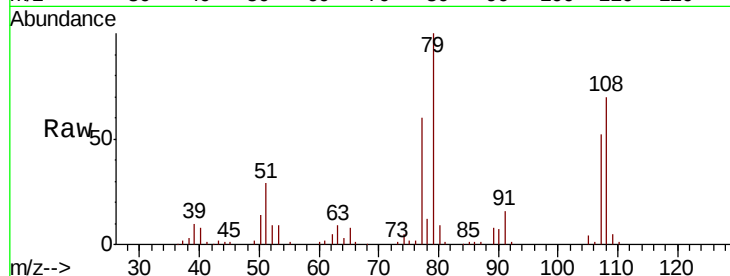
Tgt Ion: 79 Resp: 118042

Ion Ratio Lower Upper

79 100

108 70.4 57.8 86.6

77 60.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.517 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

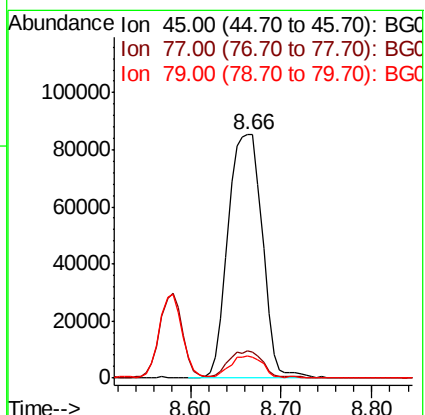
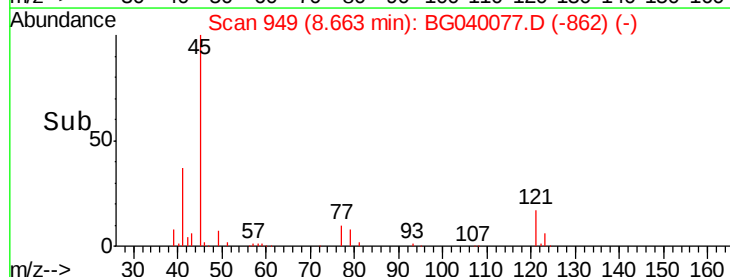
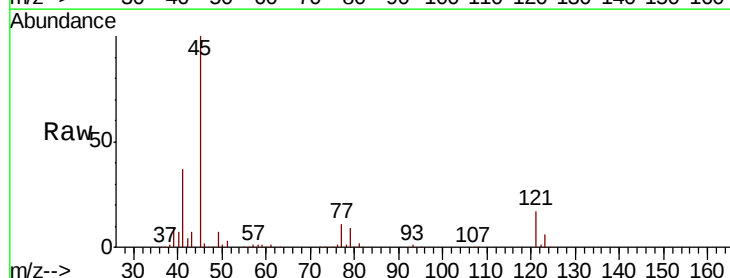
Tgt Ion: 45 Resp: 222472

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.0

79 9.0 0.0 27.5

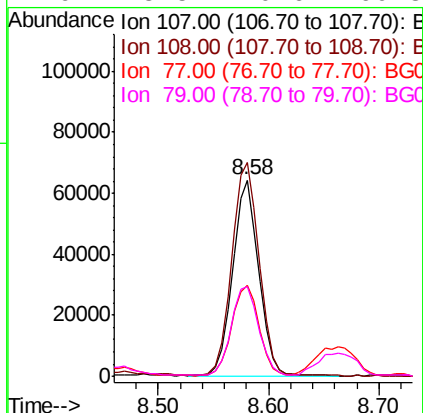
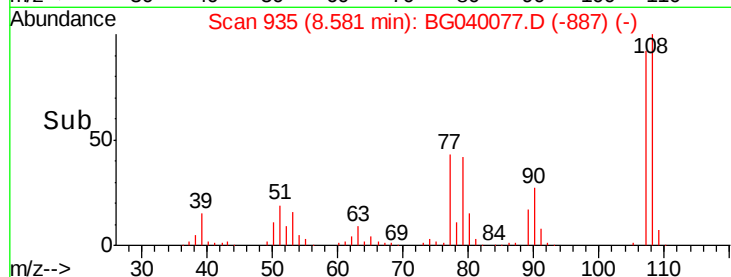
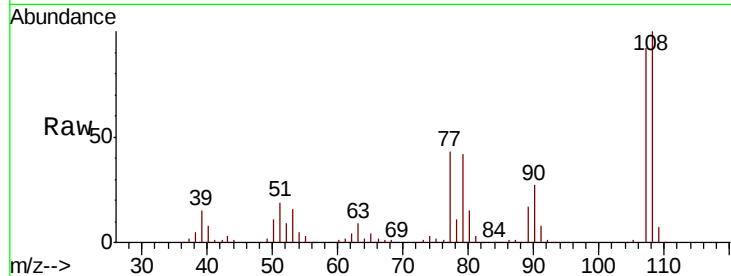




#17
2-Methylphenol
Concen: 45.422 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

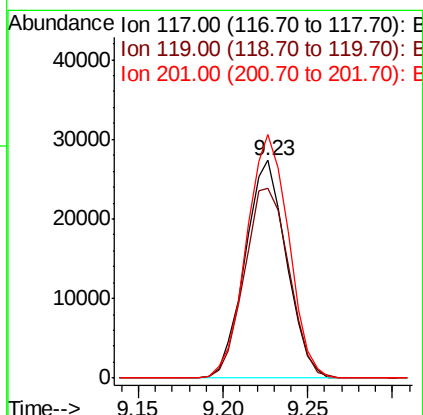
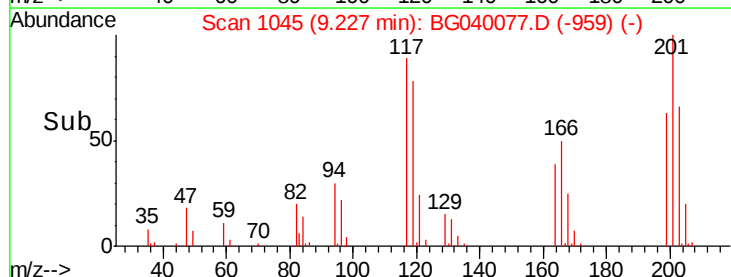
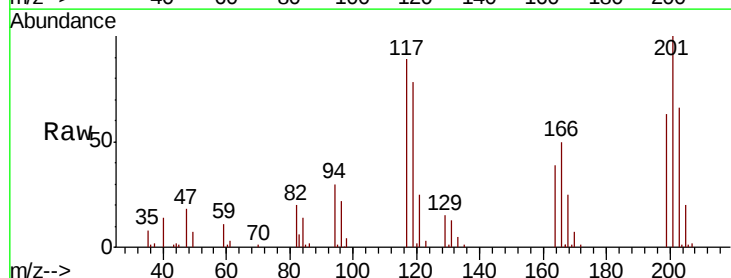
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

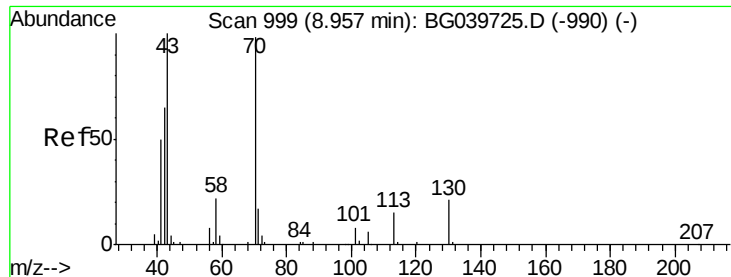
Tgt Ion:107 Resp: 107280
Ion Ratio Lower Upper
107 100
108 109.0 90.8 136.2
77 46.6 40.7 61.1
79 45.5 40.6 60.8



#18
Hexachloroethane
Concen: 40.557 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:117 Resp: 46639
Ion Ratio Lower Upper
117 100
119 87.0 76.3 114.5
201 111.7 91.1 136.7

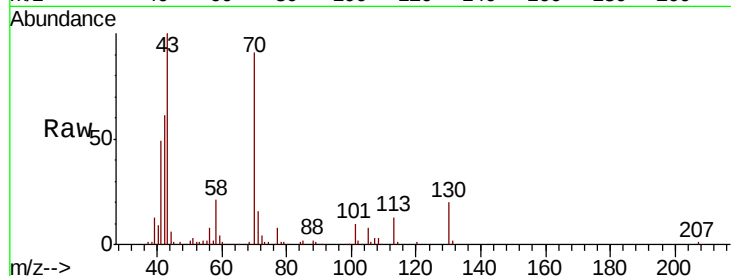




#19
n-Nitroso-di-n-propylamine
Concen: 40.742 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:	70	Resp:	100267
Ion	Ratio	Lower	Upper
70	100		
42	67.0	60.4	90.6
101	10.7	7.5	11.3
130	22.2	16.9	25.3



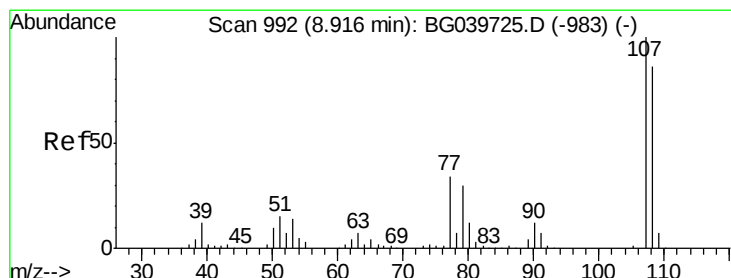
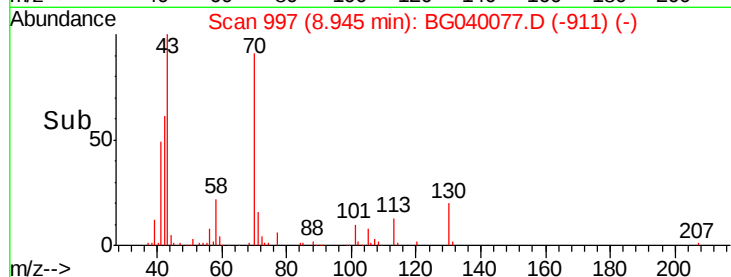
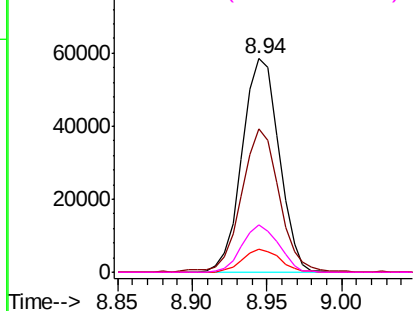
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

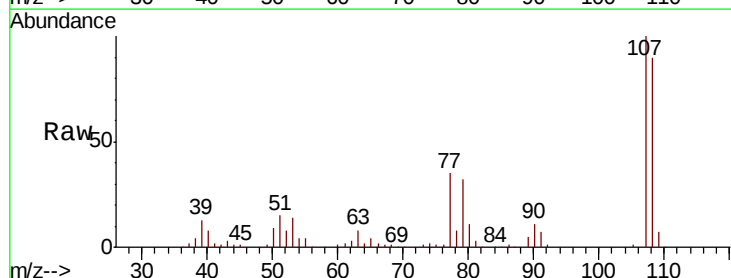
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.361 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:	107	Resp:	148838
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	34.7	15.4	55.4
79	32.2	13.7	53.7



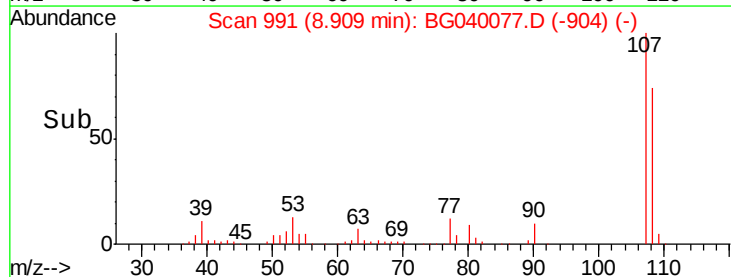
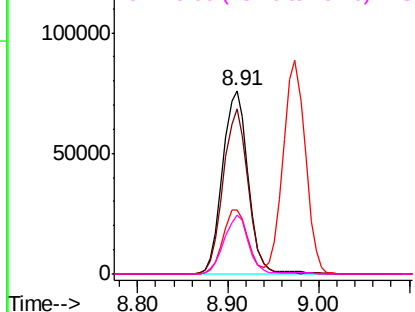
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

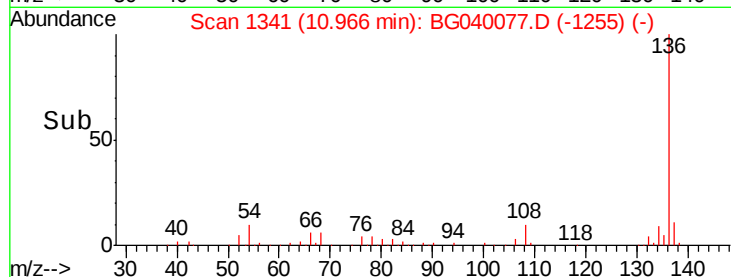
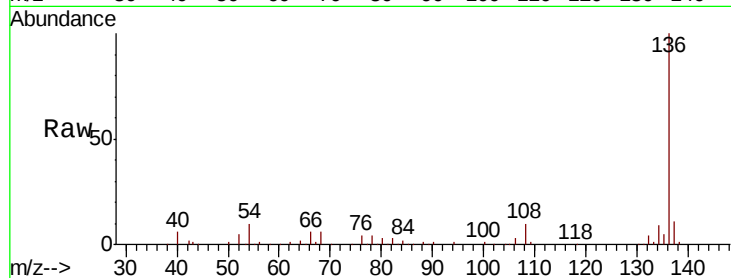




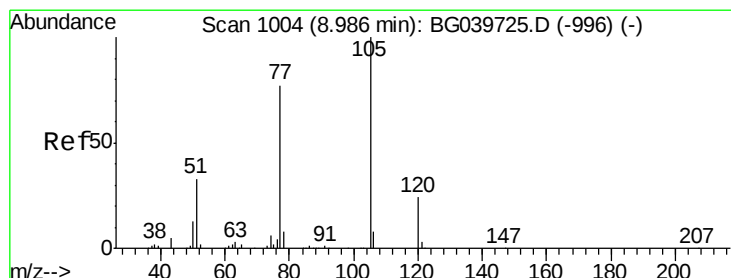
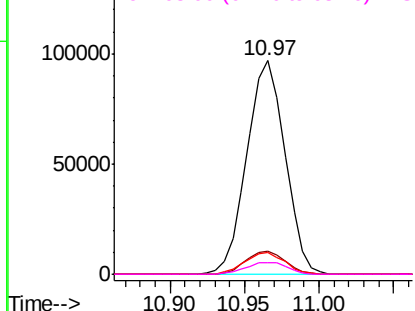
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:	136	Resp:	171421
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	10.0	9.4	14.2
68	5.6	4.2	6.4

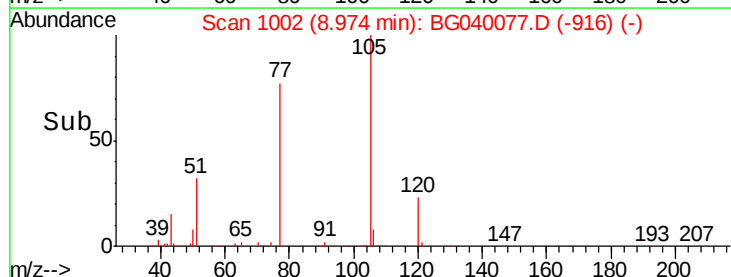
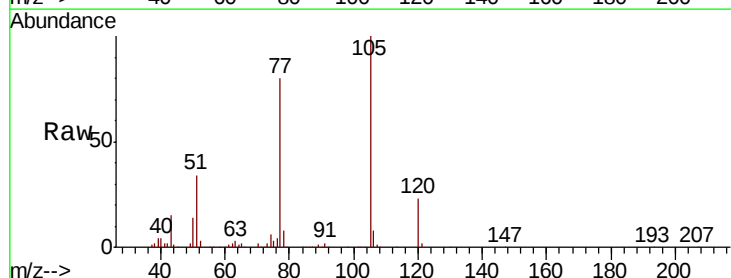


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

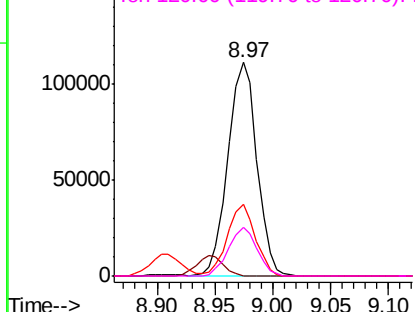


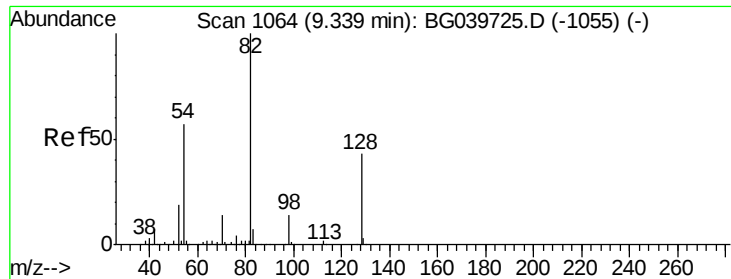
#22
Acetophenone
Concen: 42.054 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:	105	Resp:	193485
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	33.7	30.2	45.2
120	22.8	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
150000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

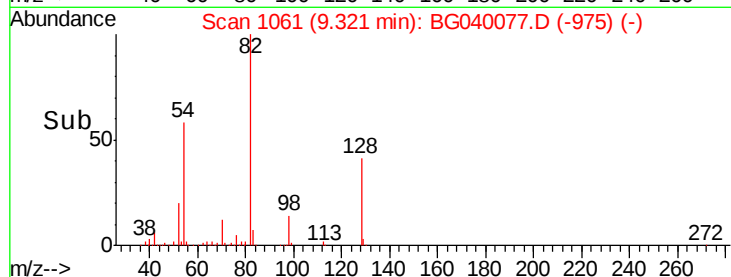
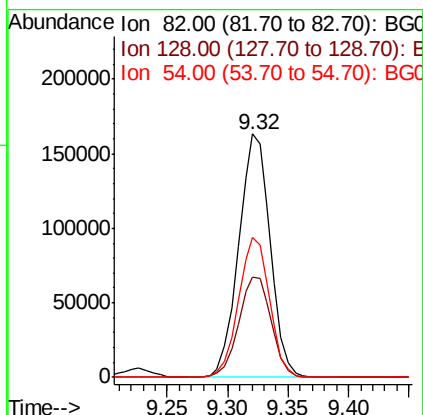
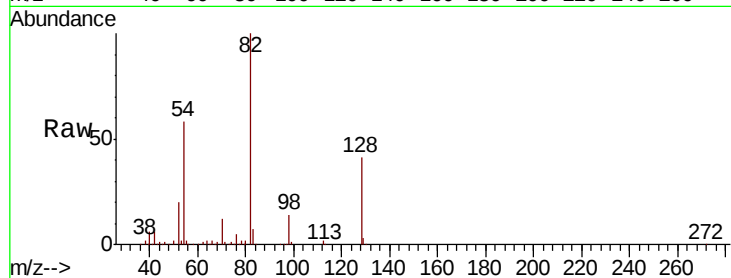




#23
 Nitrobenzene-d5
 Concen: 93.084 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

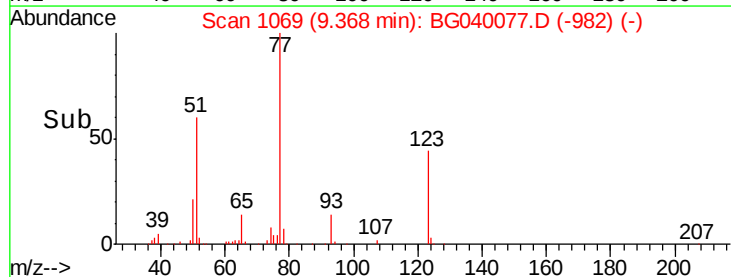
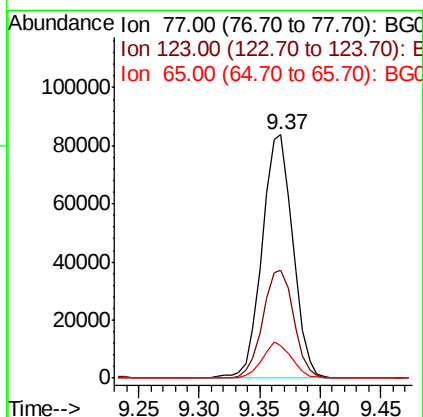
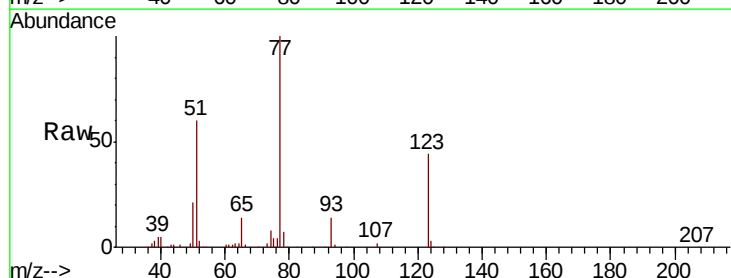
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tgt Ion: 82 Resp: 295034
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.3 46.9
 54 57.7 50.9 76.3



#24
 Nitrobenzene
 Concen: 44.333 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion: 77 Resp: 147410
 Ion Ratio Lower Upper
 77 100
 123 44.3 34.1 51.1
 65 13.5 12.3 18.5





#25

Isophorone

Concen: 44.518 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

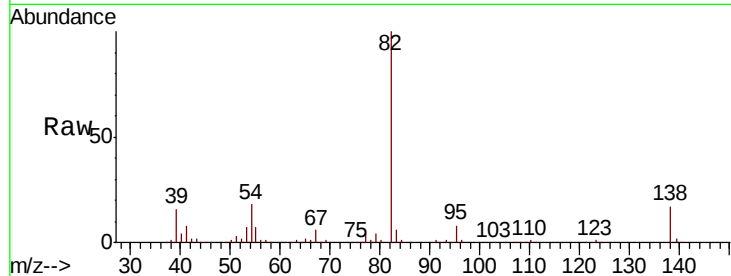
Tgt Ion: 82 Resp: 295651

Ion Ratio Lower Upper

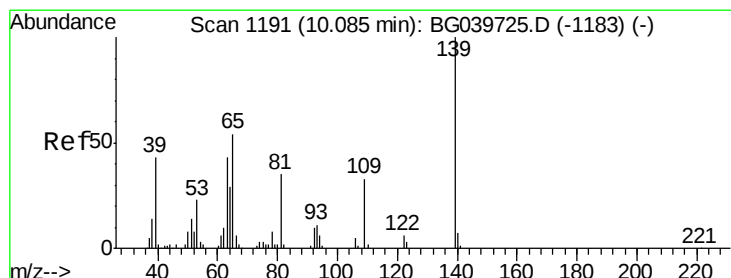
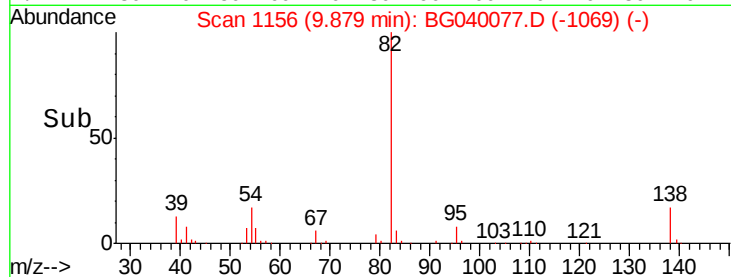
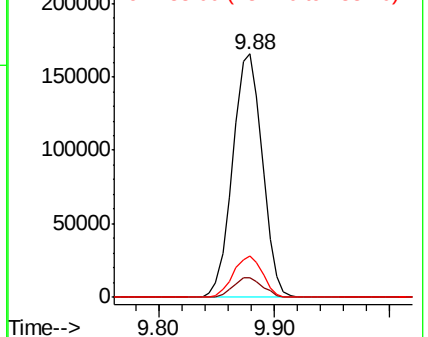
82 100

95 8.0 6.2 9.2

138 17.1 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: 45.291 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

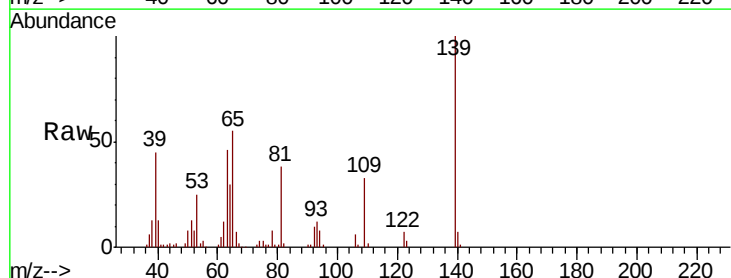
Tgt Ion: 139 Resp: 72711

Ion Ratio Lower Upper

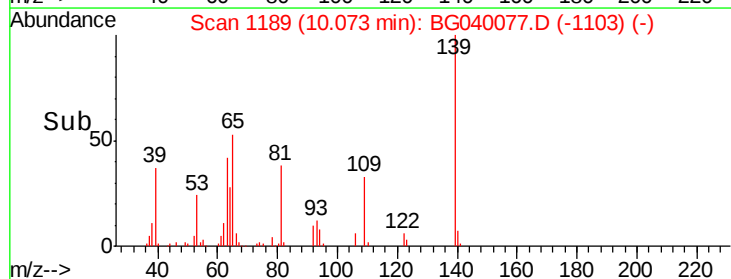
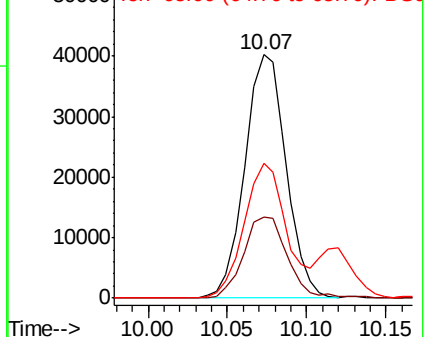
139 100

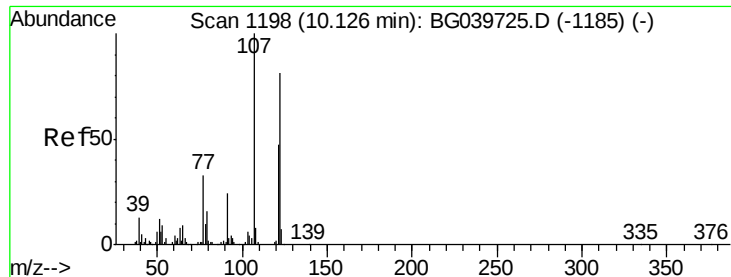
109 33.4 23.4 35.0

65 55.4 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

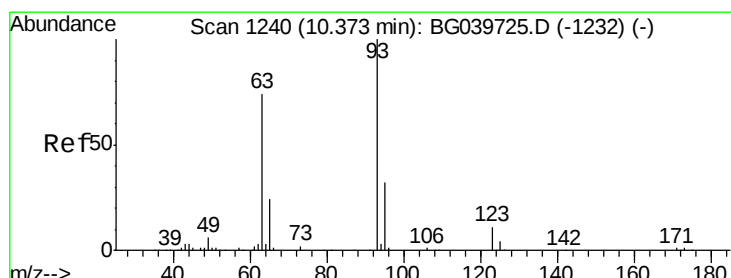
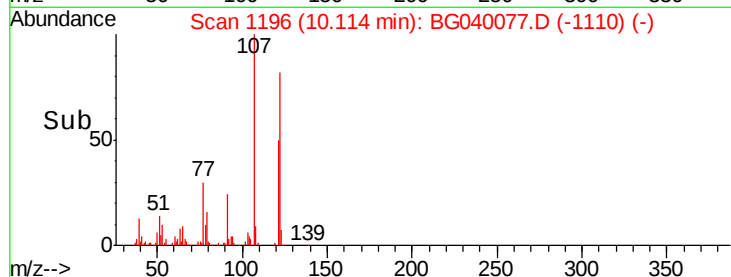
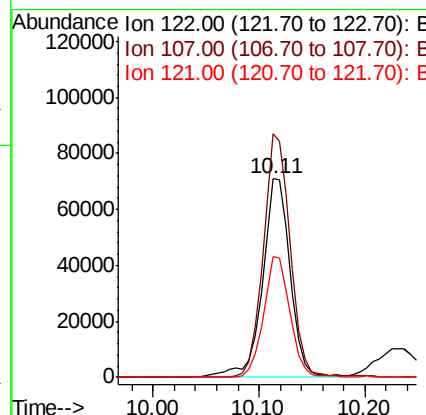
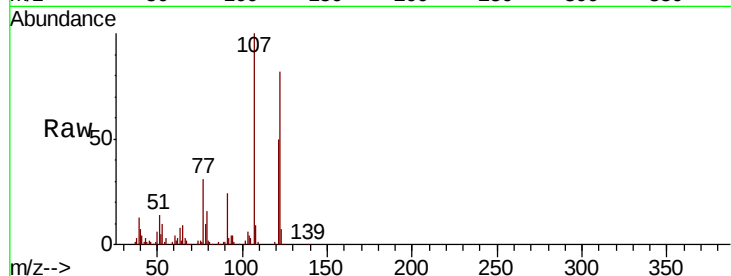




#27
2,4-Dimethylphenol
Concen: 51.828 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

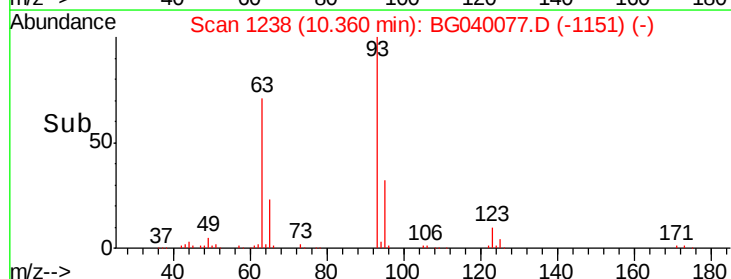
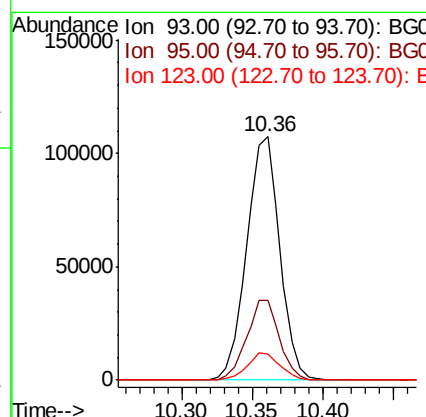
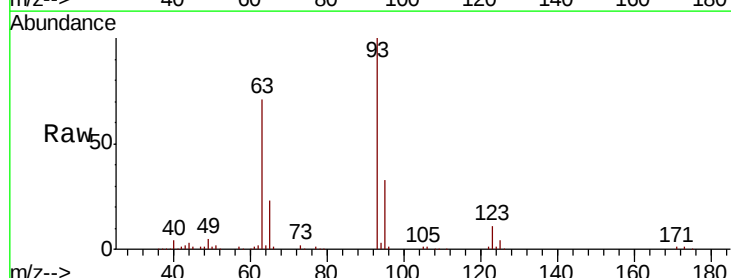
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.5	91.7	137.5
121	60.9	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.742 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.0	37.4
123	10.7	8.6	12.8

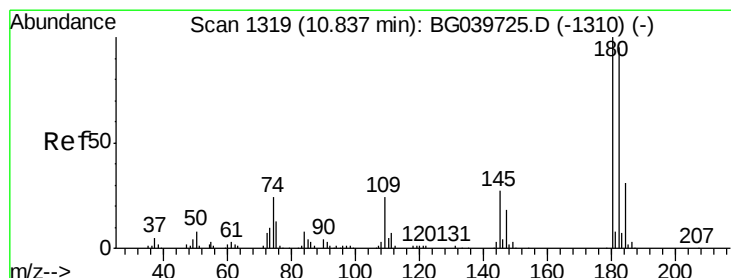
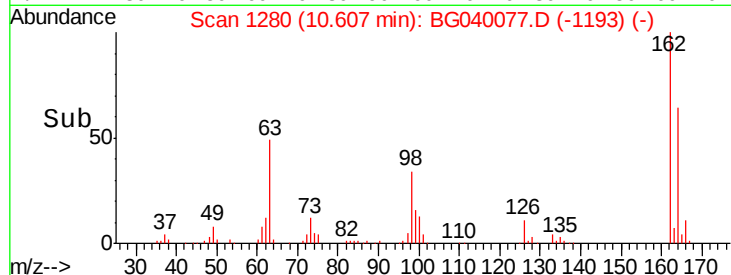
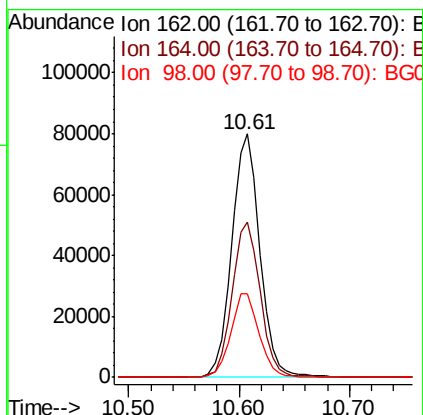
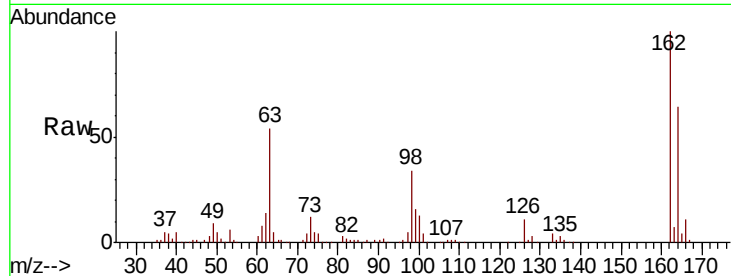




#29
 2,4-Dichlorophenol
 Concen: 50.739 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

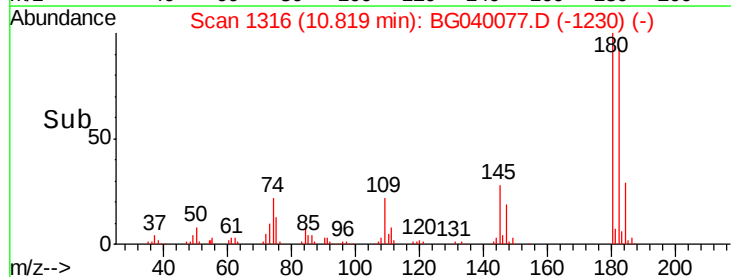
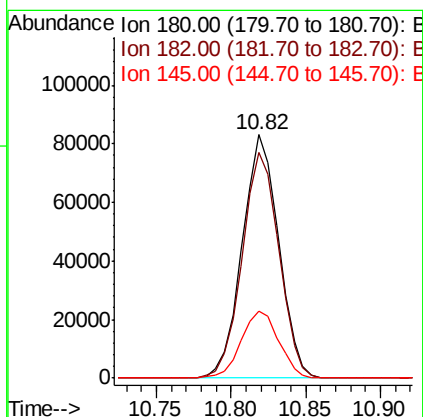
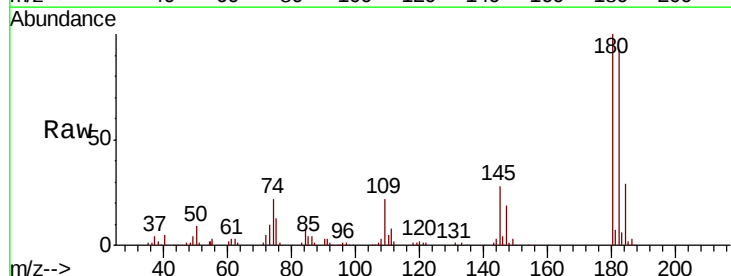
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

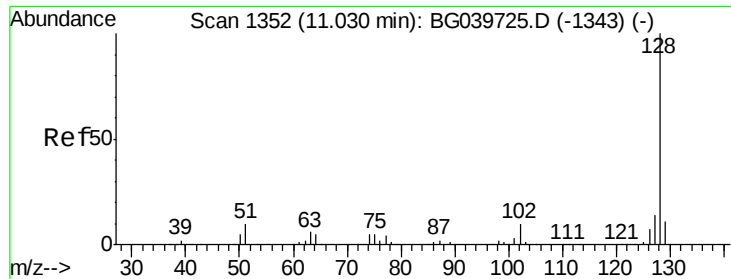
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	48.1	88.1
98	34.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.326 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.0	114.0
145	27.6	22.7	34.1

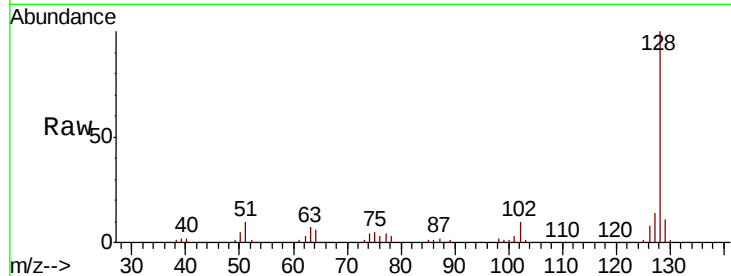




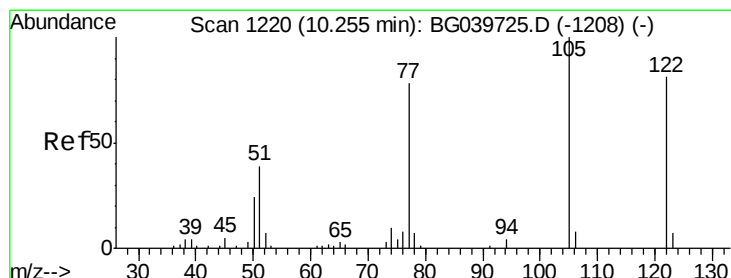
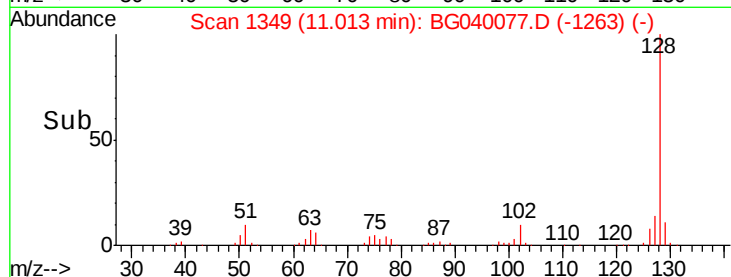
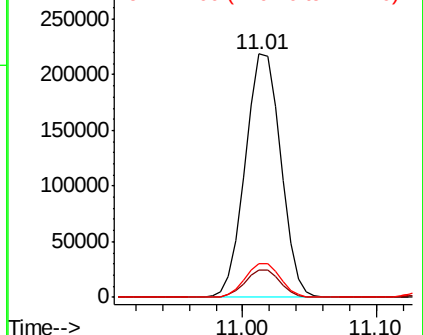
#31
Naphthalene
Concen: 44.328 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:128 Resp: 402320
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.8 10.8 16.2

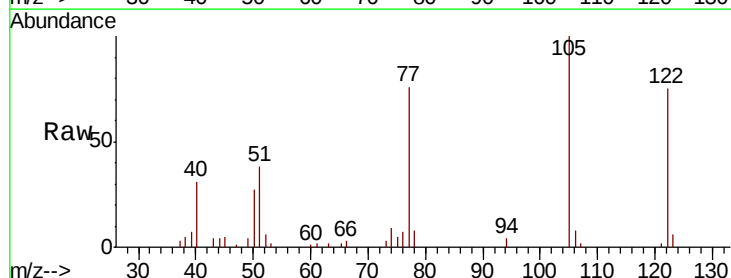


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

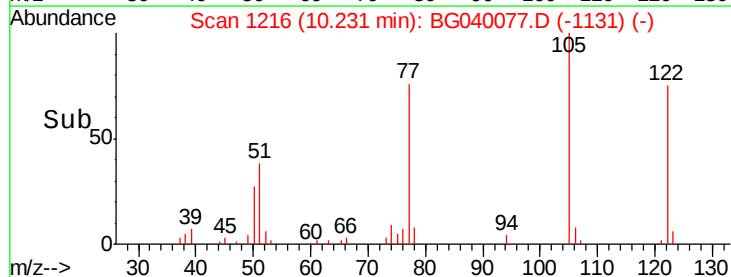
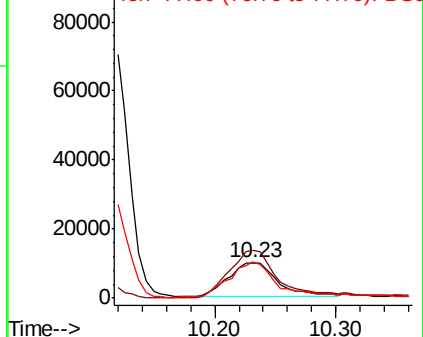


#32
Benzoic acid
Concen: 20.472 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:122 Resp: 27574
Ion Ratio Lower Upper
122 100
105 133.6 101.8 141.8
77 102.0 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

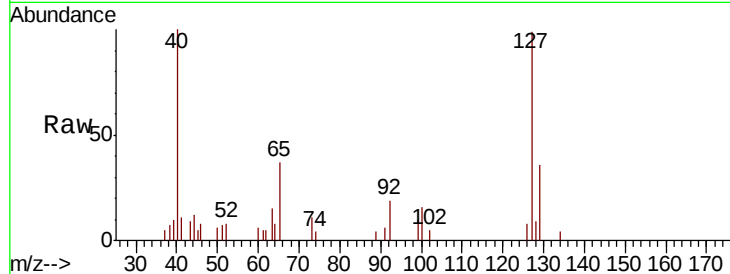




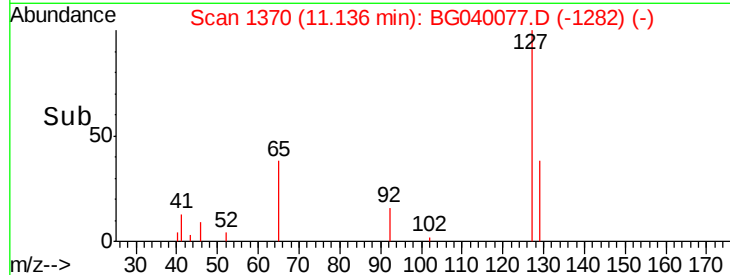
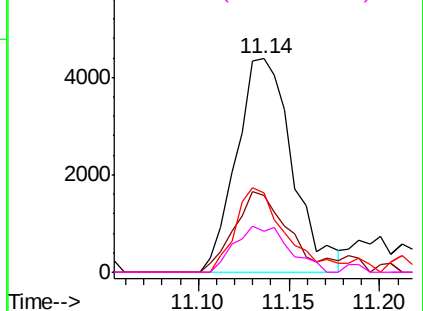
#33
4-Chloroaniline
Concen: 2.445 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:	127	Resp:	9411
Ion	Ratio	Lower	Upper
127	100		
129	36.1	27.0	40.4
65	36.9	28.8	43.2
92	19.4	16.6	25.0

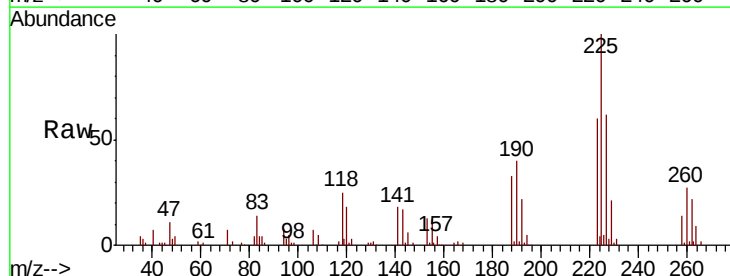


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

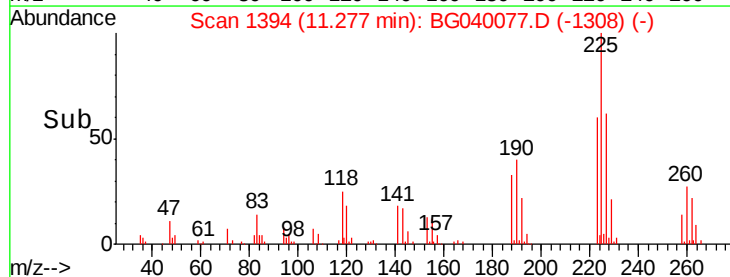
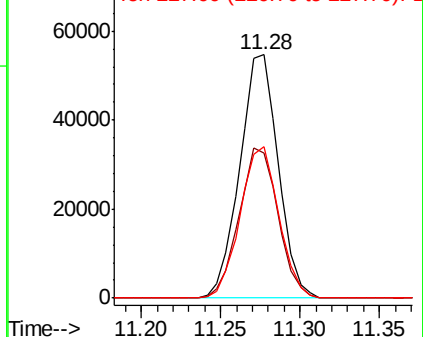


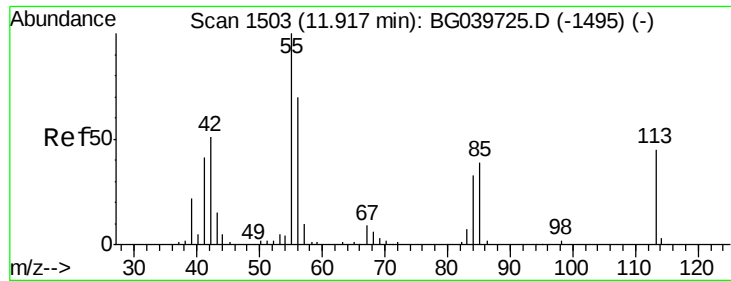
#34
Hexachlorobutadiene
Concen: 42.506 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:	225	Resp:	91882
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.0	73.6
227	62.1	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: 21.145 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

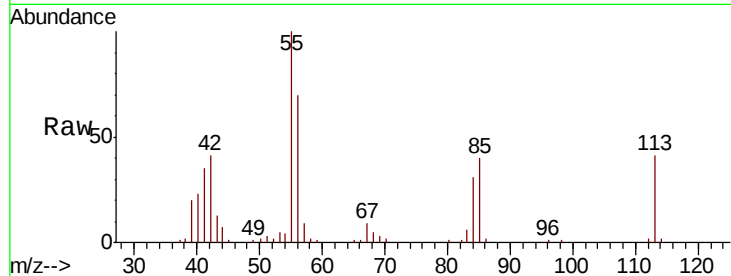
Tgt Ion:113 Resp: 22707

Ion Ratio Lower Upper

113 100

55 243.2 216.9 256.9

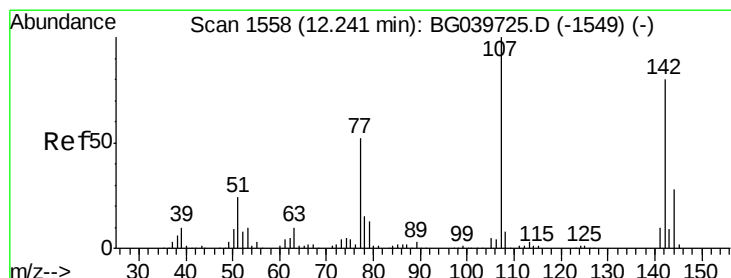
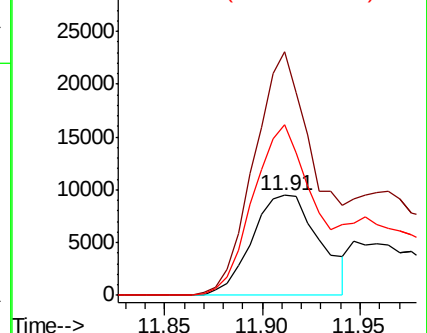
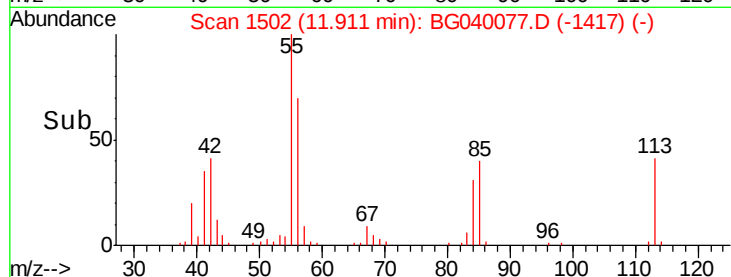
56 170.7 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.079 ng

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

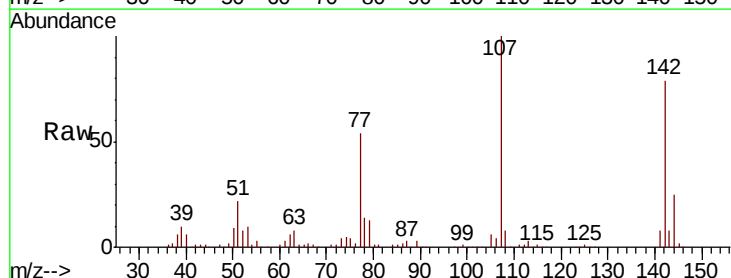
Tgt Ion:107 Resp: 154936

Ion Ratio Lower Upper

107 100

144 25.4 20.2 30.2

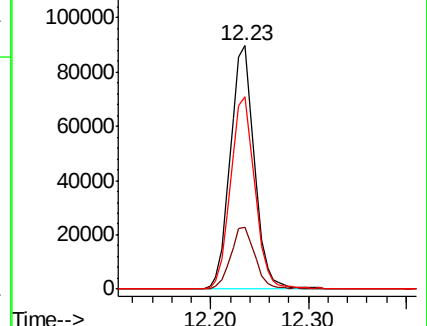
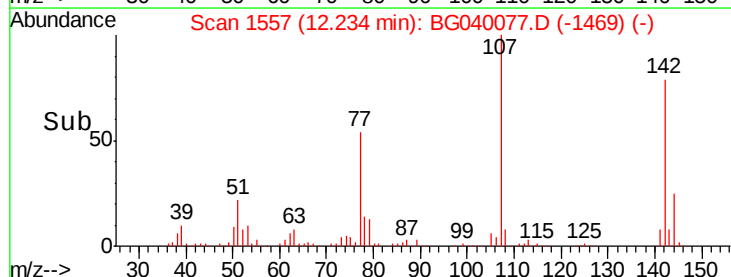
142 78.8 61.4 92.2

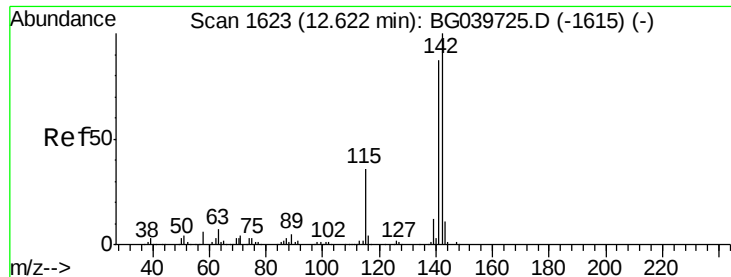


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

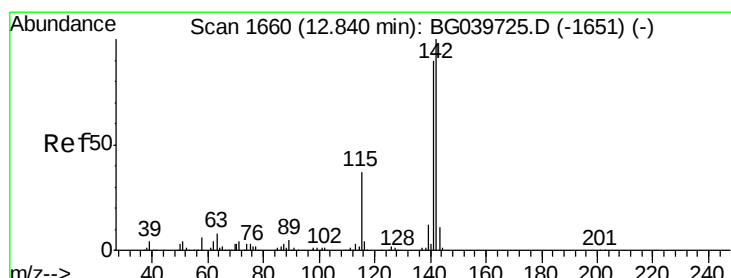
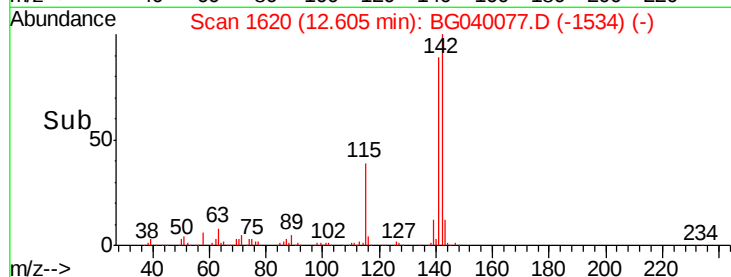
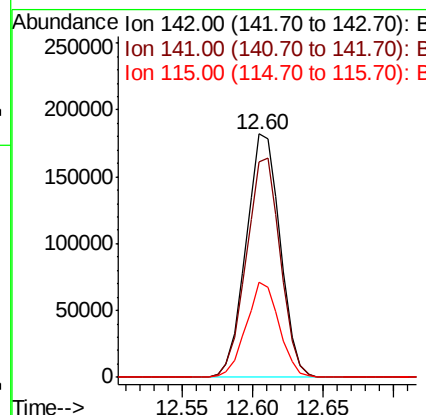
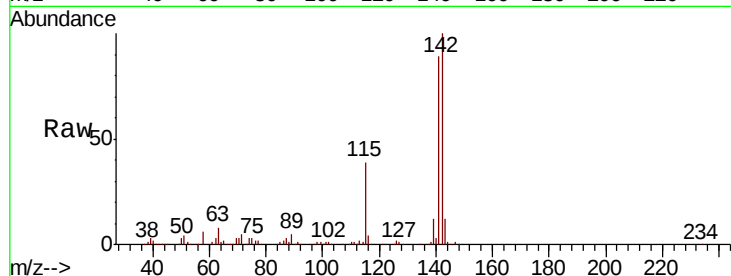




#37
 2-Methylnaphthalene
 Concen: 45.379 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

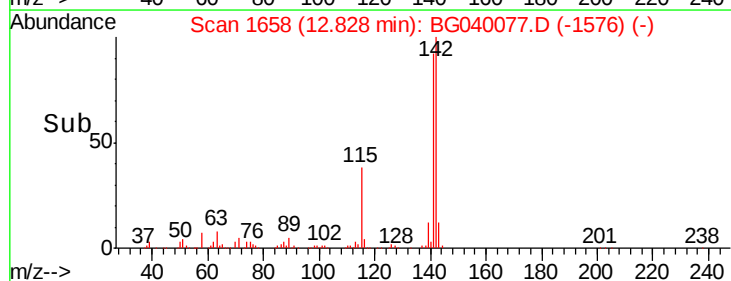
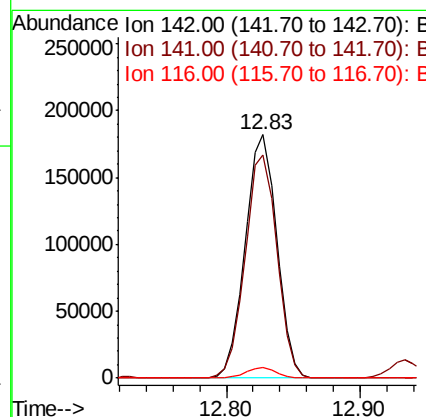
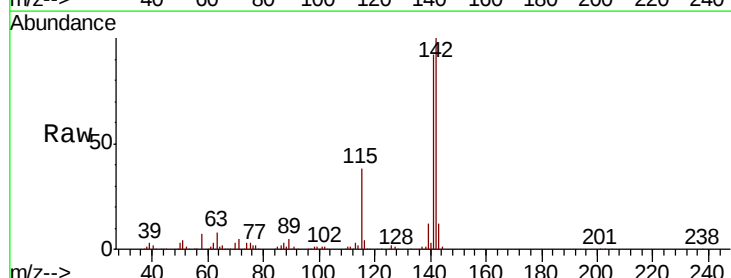
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

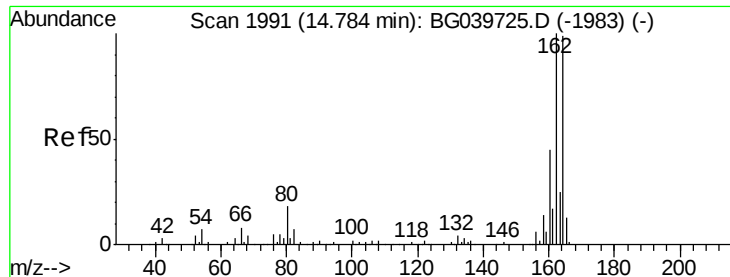
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.5	110.3
115	39.0	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 44.992 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

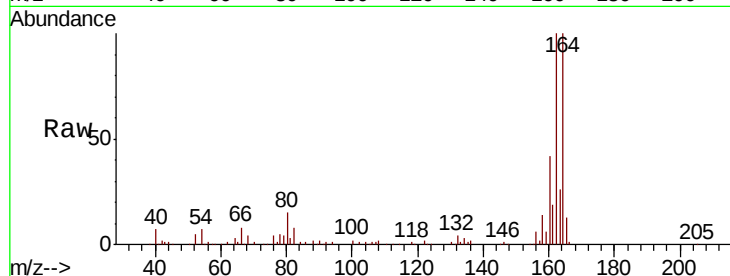
Tgt Ion:164 Resp: 122738

Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

160 42.3 34.2 51.2

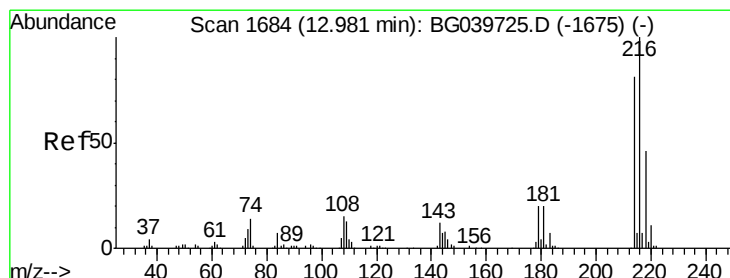
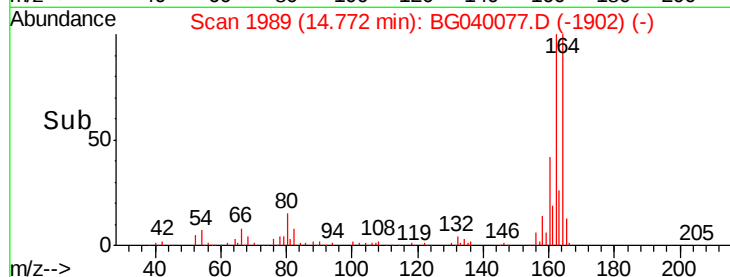
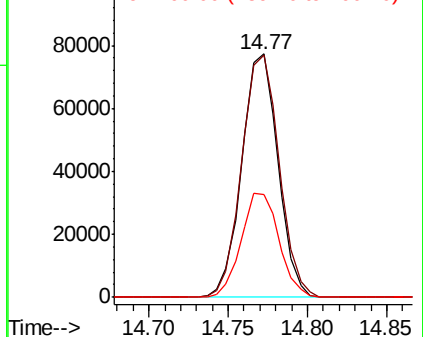


Abundance

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: 41.969 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:216 Resp: 174508

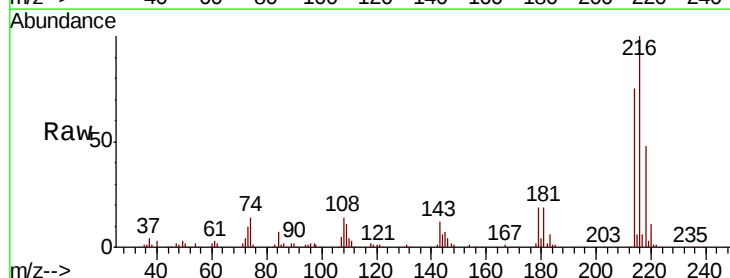
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.6 16.6 25.0

108 17.3 14.0 21.0



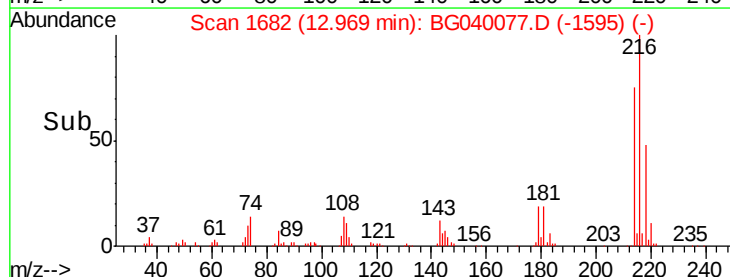
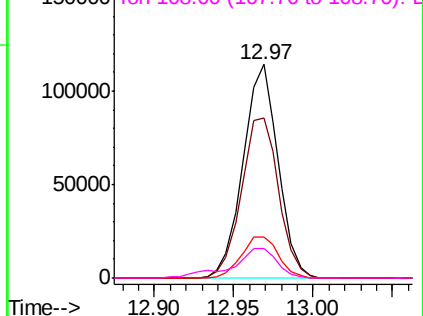
Abundance

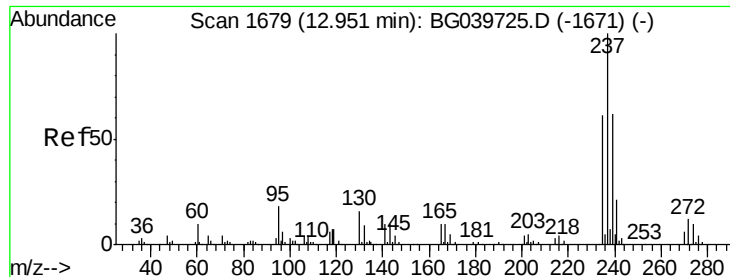
Ion 216.00 (215.70 to 216.70): E

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

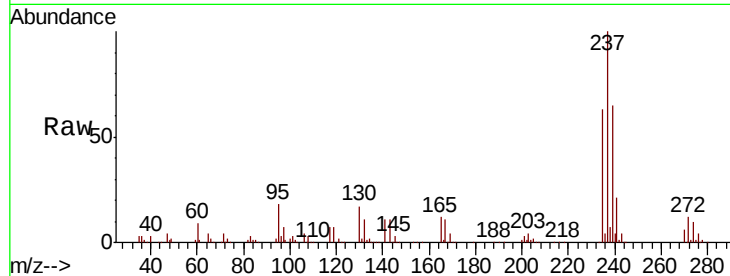




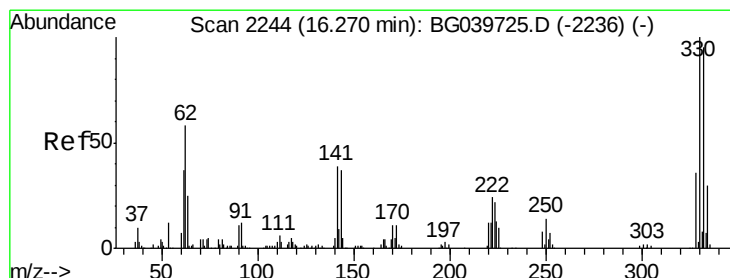
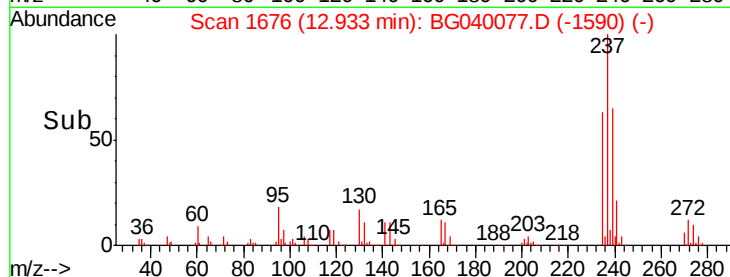
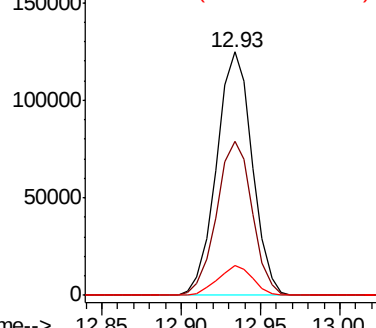
#41
Hexachlorocyclopentadiene
Concen: 87.332 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion: 237 Resp: 194603
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.0 0.0 32.3

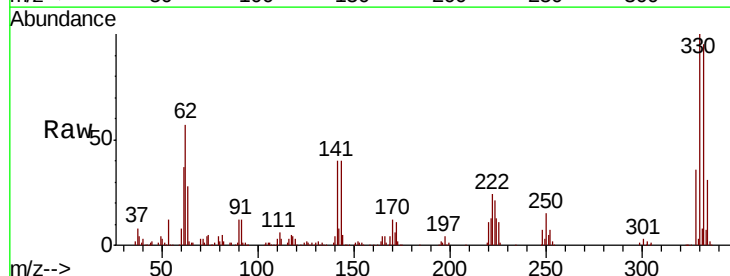


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

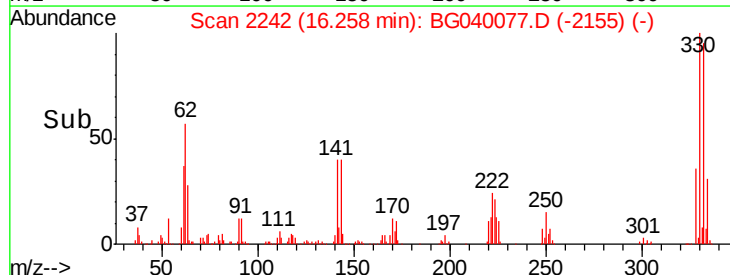
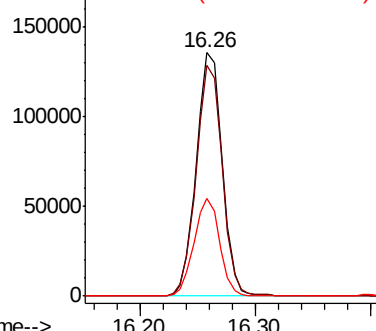


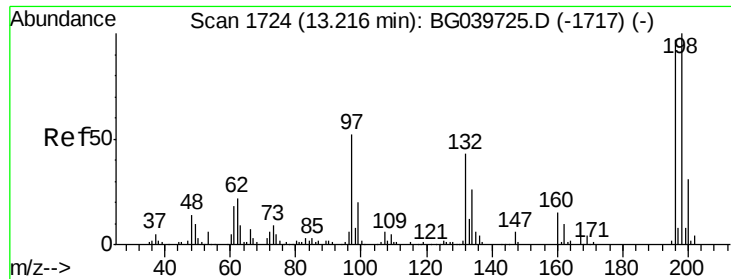
#42
2,4,6-Tribromophenol
Concen: 147.653 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion: 330 Resp: 211232
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 39.7 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

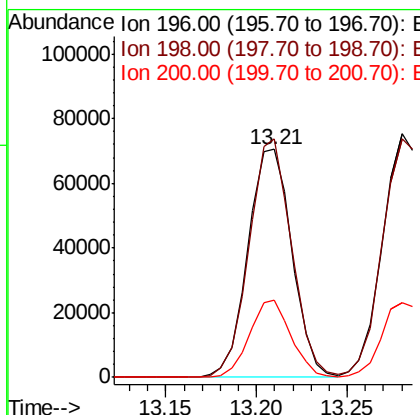
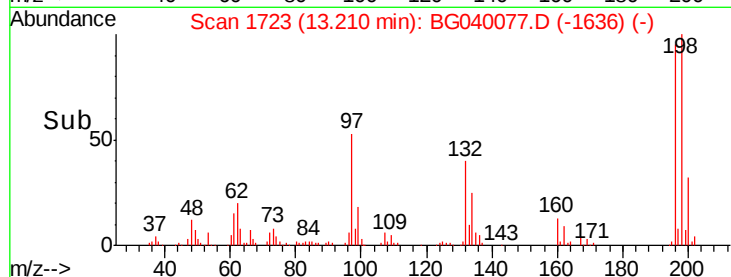
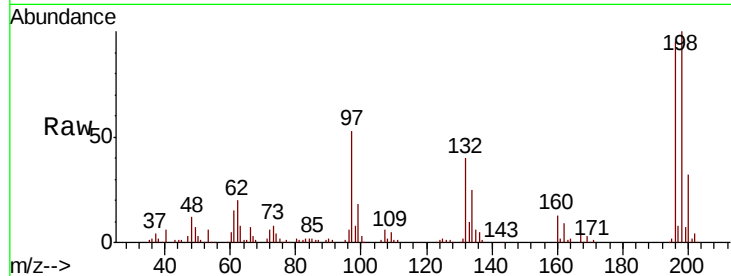




#43
 2,4,6-Trichlorophenol
 Concen: 49.351 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

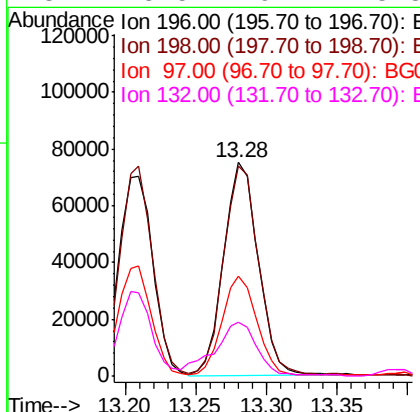
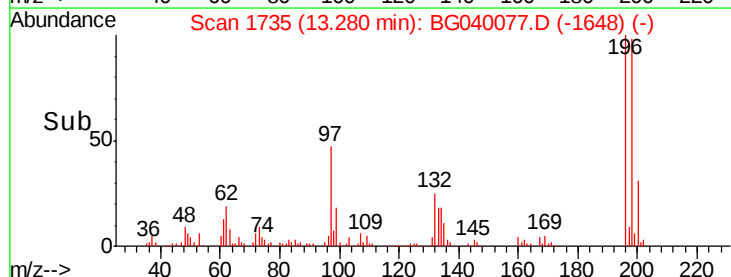
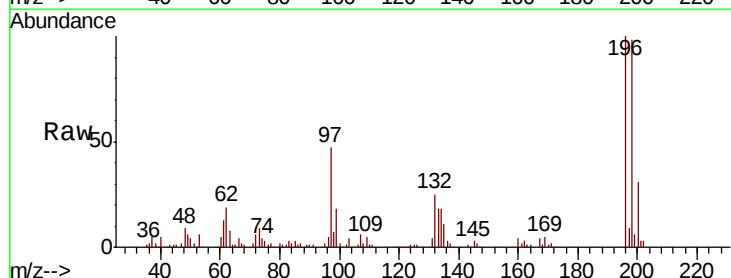
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

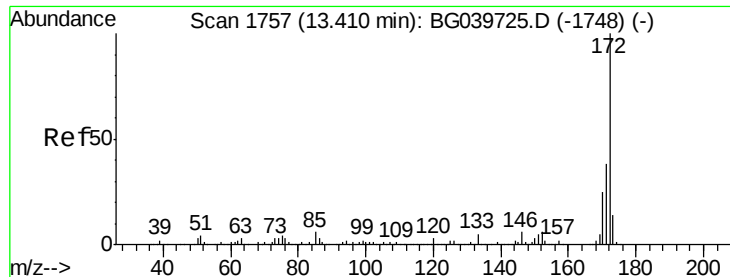
Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.8	80.6	121.0
200	33.7	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.810 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	78.5	117.7
97	46.5	38.4	57.6
132	25.5	19.2	28.8

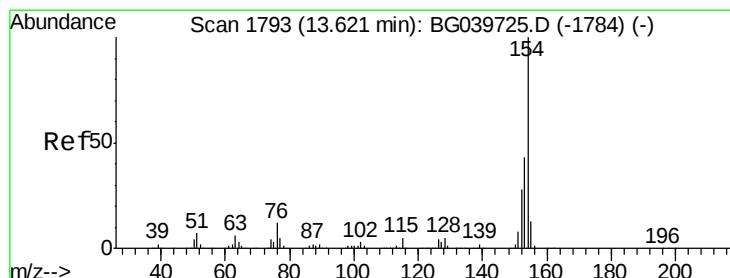
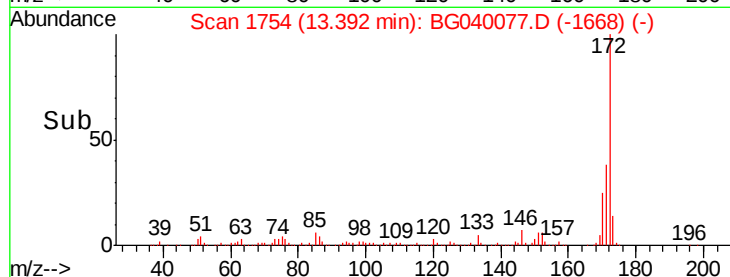
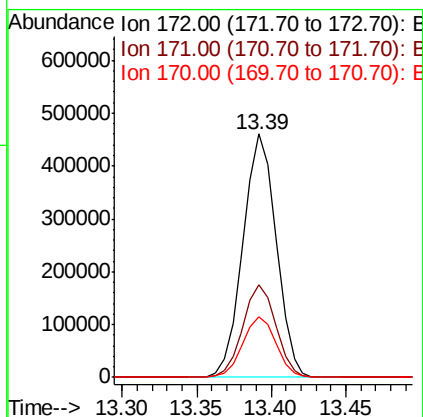
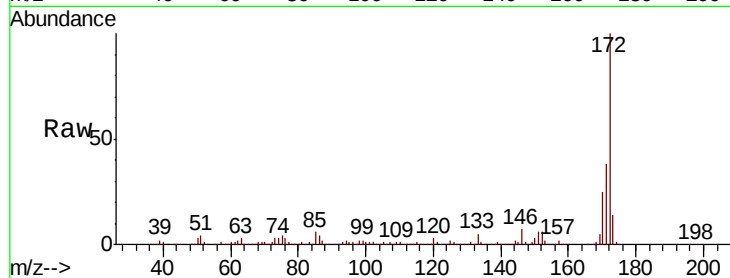




#45
2-Fluorobiphenyl
Concen: 82.308 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

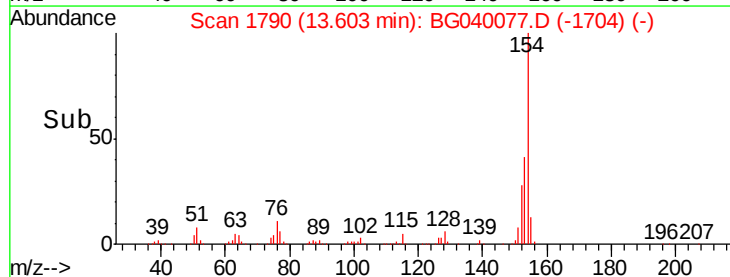
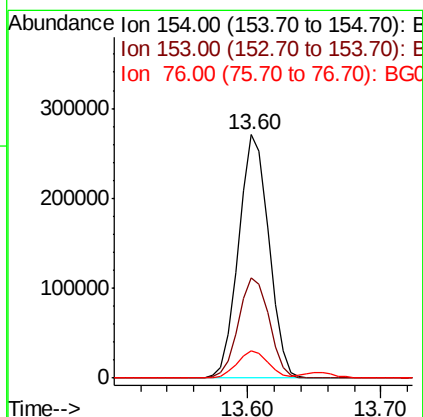
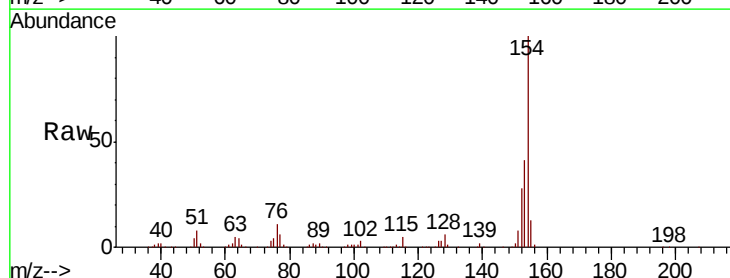
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

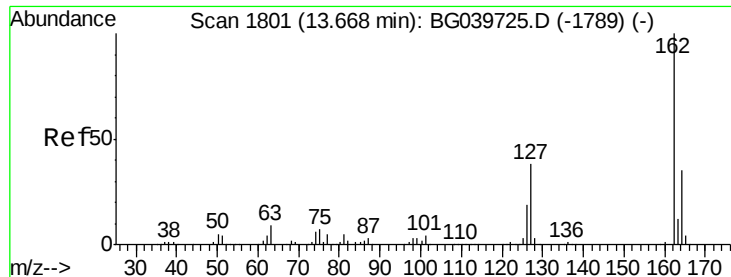
Tgt Ion:172 Resp: 709514
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 24.9 20.2 30.4



#46
1,1'-Biphenyl
Concen: 41.920 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:154 Resp: 423188
Ion Ratio Lower Upper
154 100
153 41.1 22.1 62.1
76 11.1 0.0 32.4

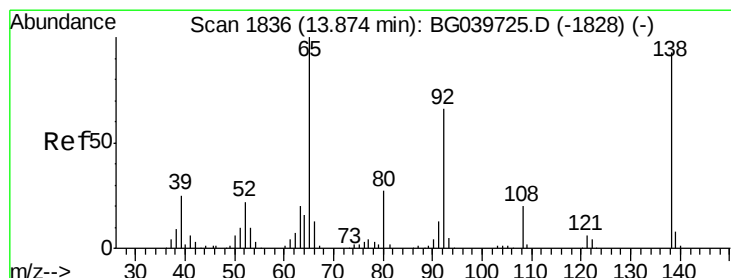
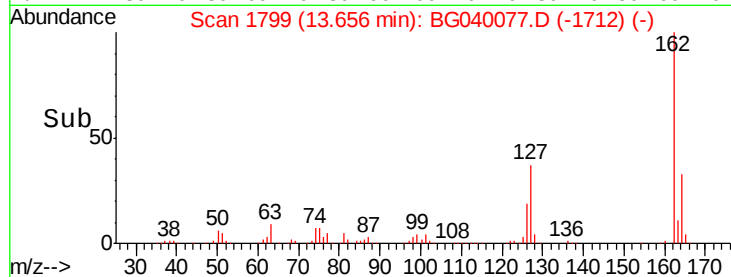
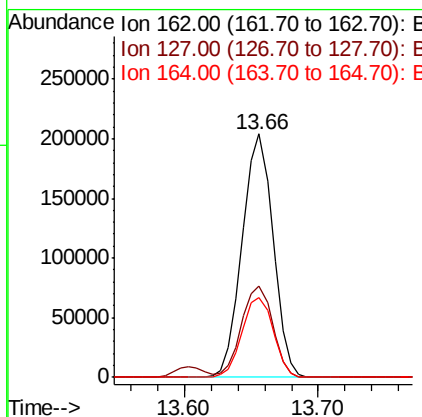
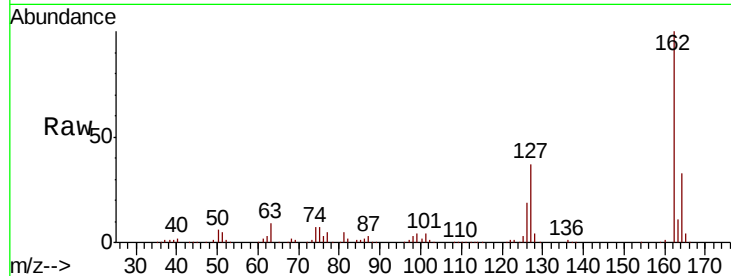




#47
 2-Chloronaphthalene
 Concen: 43.027 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

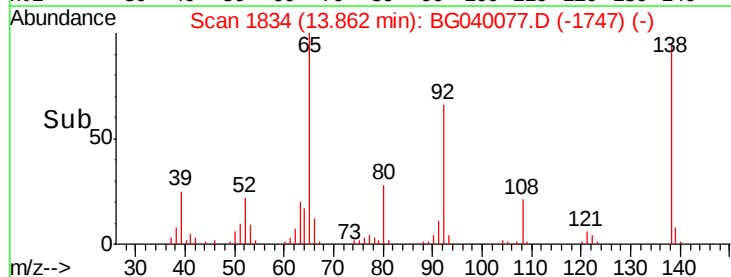
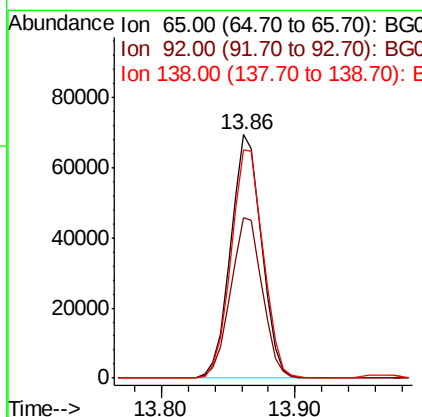
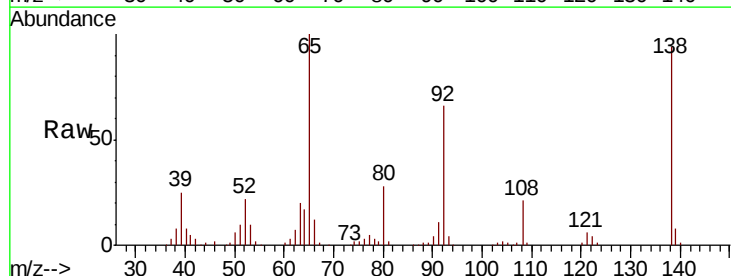
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

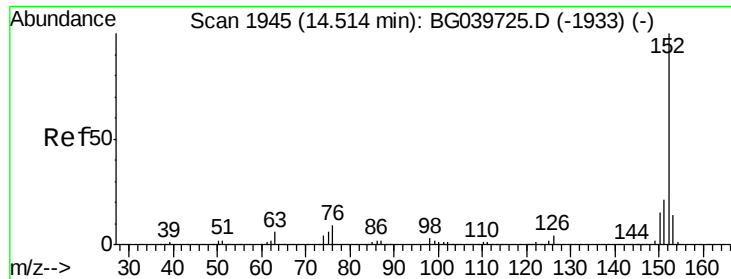
Tgt Ion: 162 Resp: 326762
 Ion Ratio Lower Upper
 162 100
 127 37.5 31.0 46.6
 164 32.8 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.911 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion: 65 Resp: 112050
 Ion Ratio Lower Upper
 65 100
 92 66.1 51.4 77.2
 138 93.7 71.4 107.2





#49

Acenaphthylene

Concen: 42.737 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

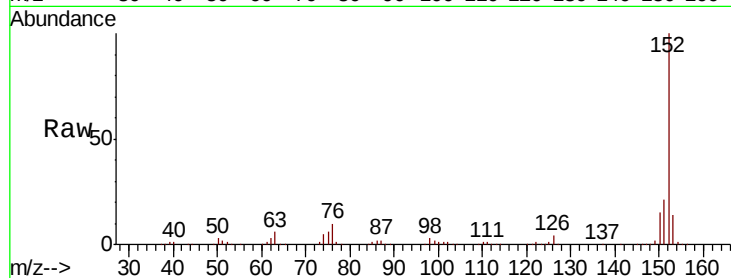
Tgt Ion:152 Resp: 532803

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

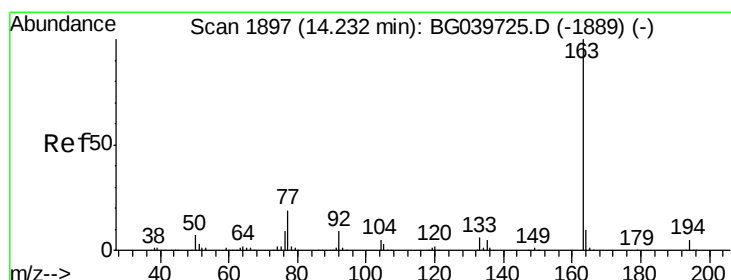
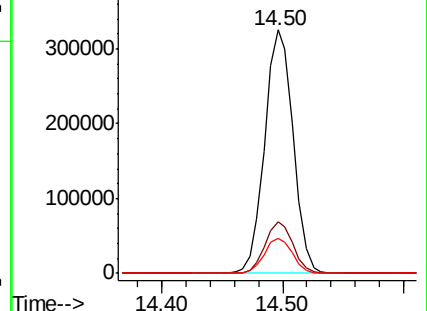
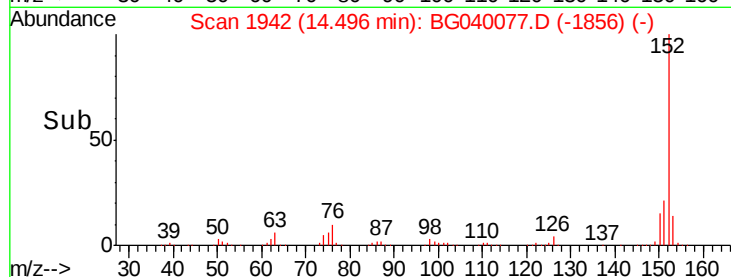
153 14.4 11.7 17.5



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: 44.142 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

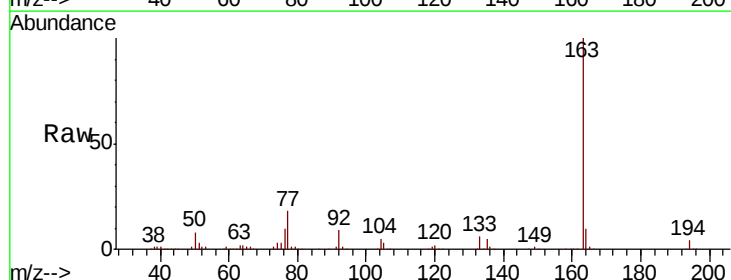
Tgt Ion:163 Resp: 453042

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

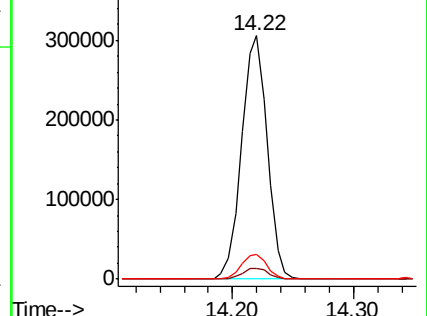
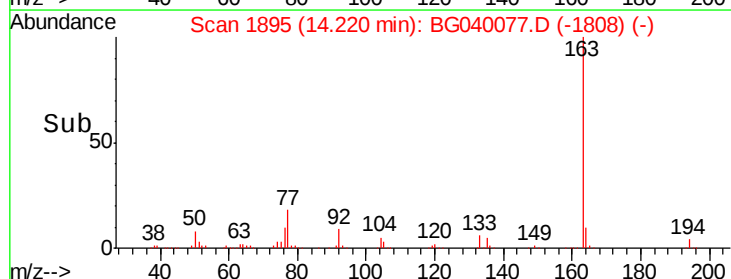
164 10.1 8.4 12.6



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

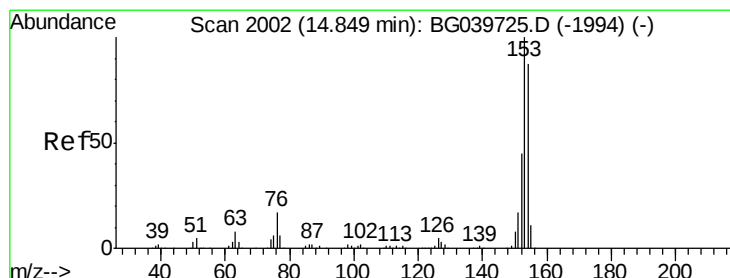
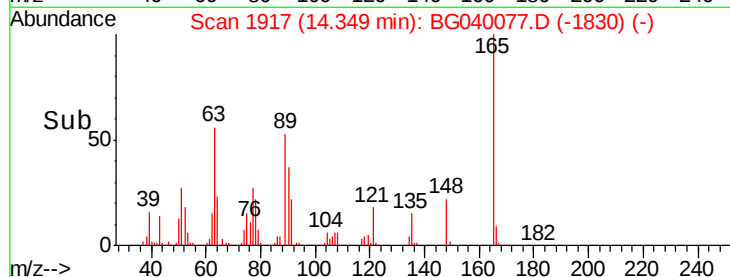
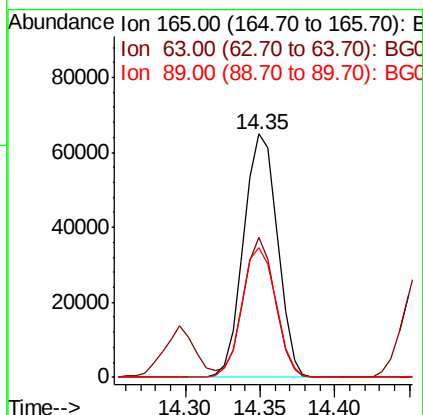
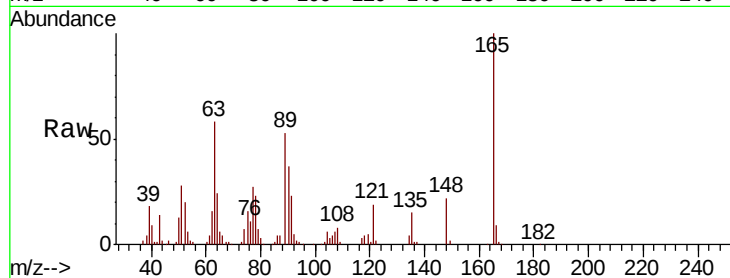




#51
2,6-Dinitrotoluene
Concen: 46.852 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

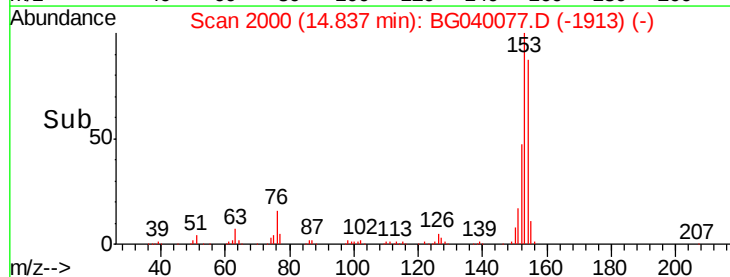
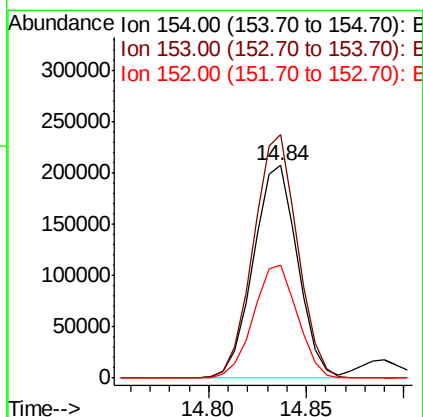
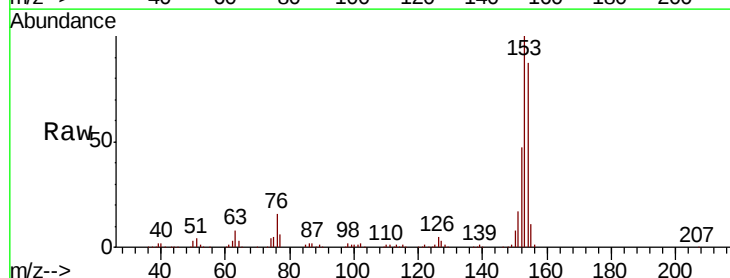
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:165 Resp: 101938
Ion Ratio Lower Upper
165 100
63 57.5 47.0 70.6
89 53.0 45.8 68.8



#52
Acenaphthene
Concen: 43.289 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:154 Resp: 324823
Ion Ratio Lower Upper
154 100
153 114.7 90.1 135.1
152 53.5 40.9 61.3

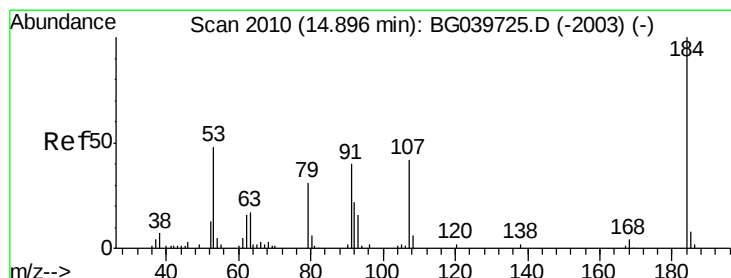
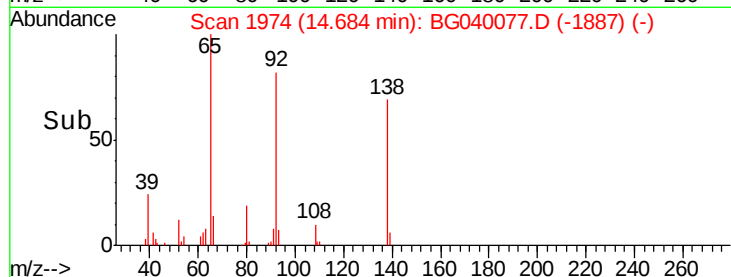
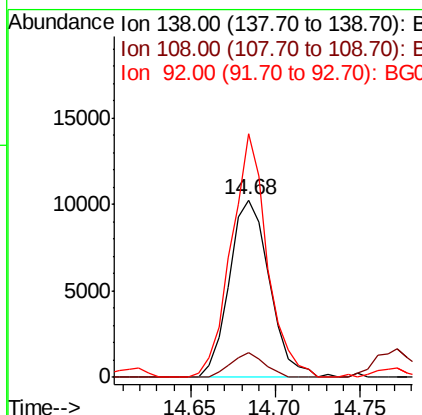
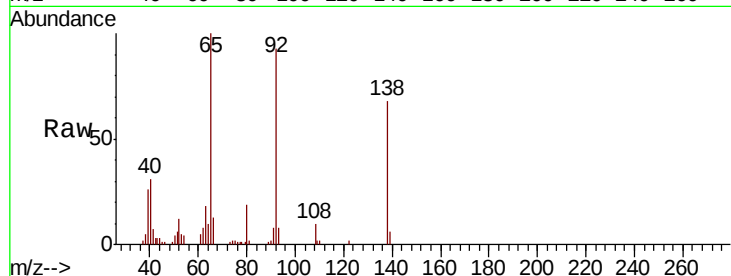




#53
3-Nitroaniline
Concen: 7.763 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

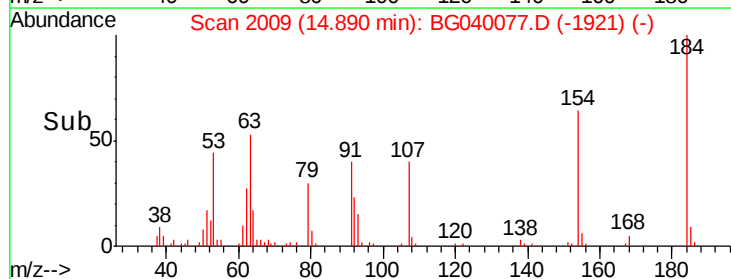
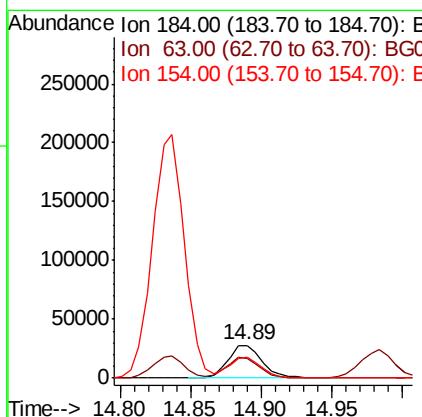
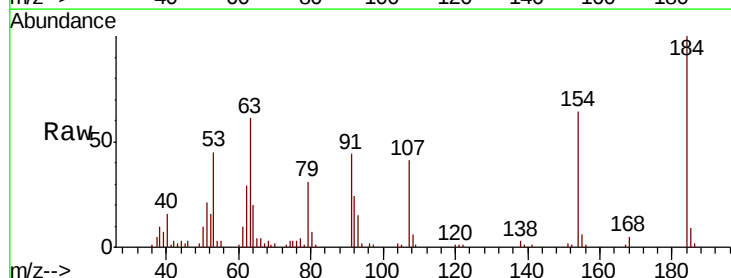
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:138 Resp: 16979
Ion Ratio Lower Upper
138 100
108 14.3 13.8 20.8
92 137.3 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 37.463 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:184 Resp: 47299
Ion Ratio Lower Upper
184 100
63 61.2 50.9 76.3
154 64.4 53.0 79.6

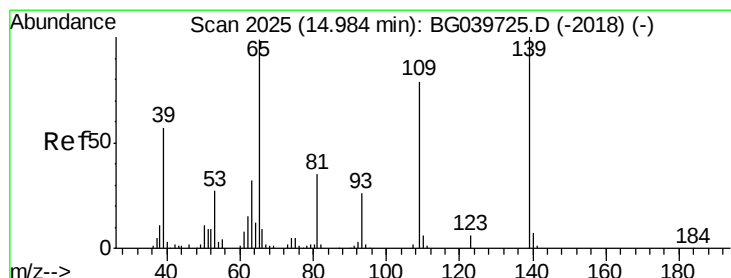
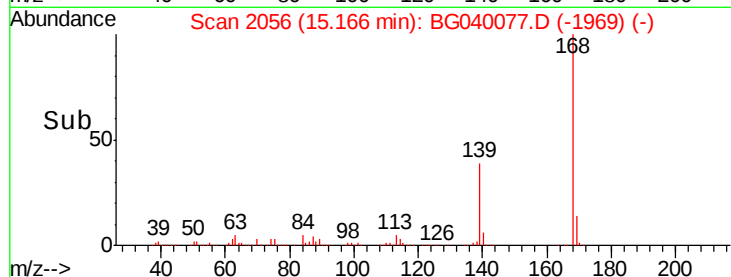
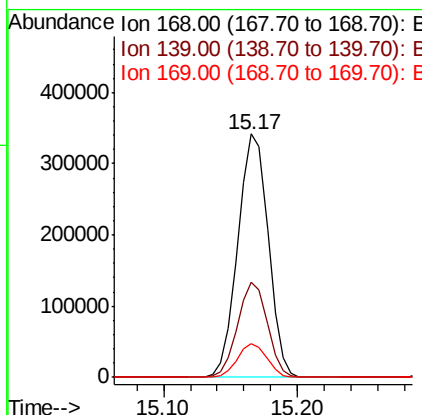
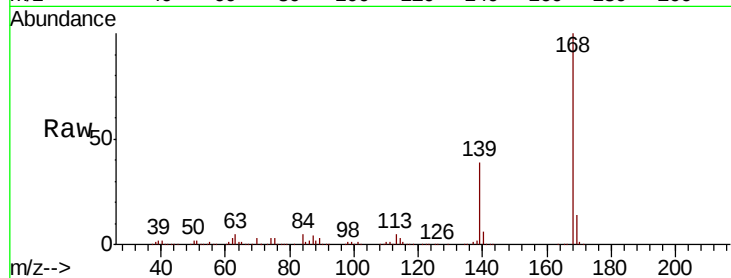




#55
Dibenzofuran
Concen: 43.671 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

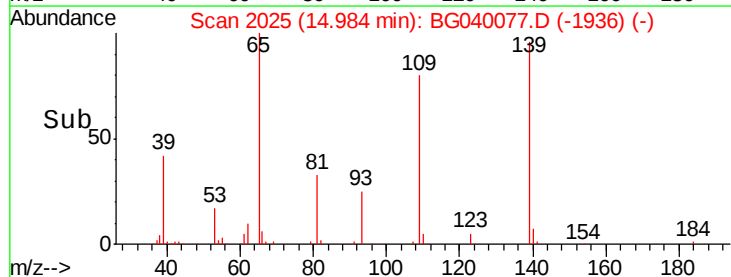
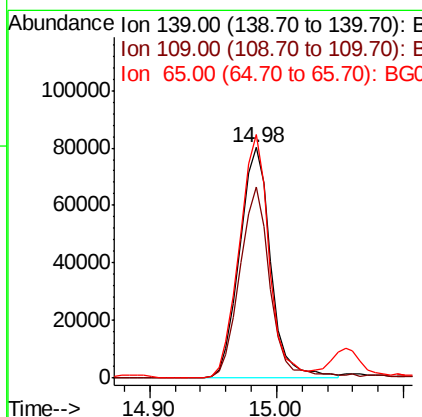
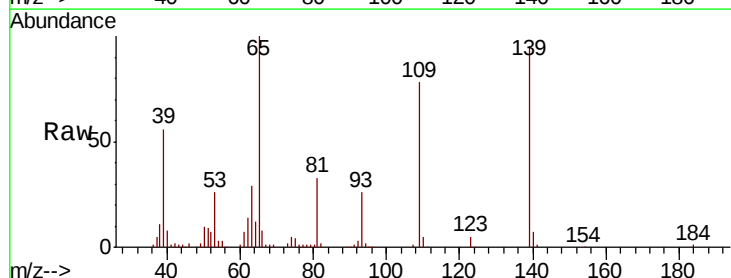
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

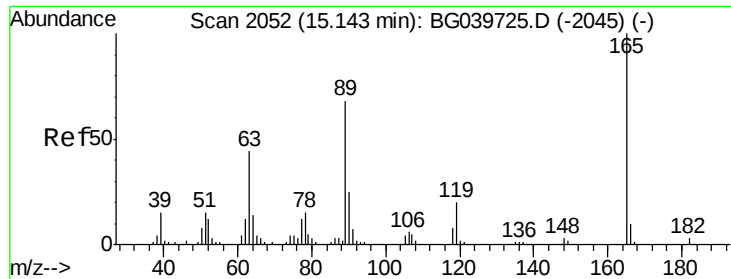
Tgt Ion:168 Resp: 537634
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 70.051 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:139 Resp: 137056
Ion Ratio Lower Upper
139 100
109 82.7 61.9 101.9
65 105.6 99.1 139.1

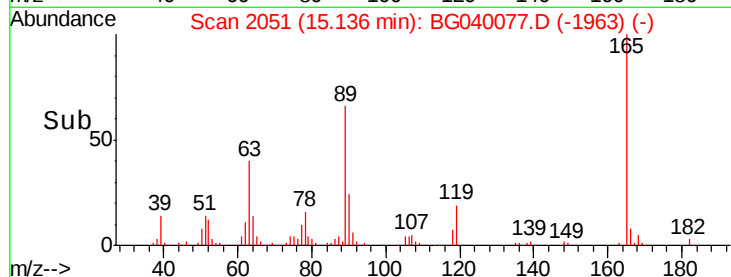
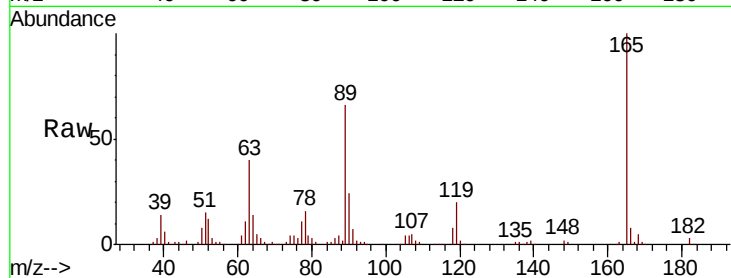




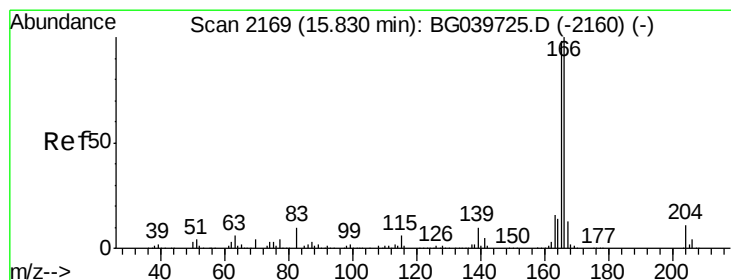
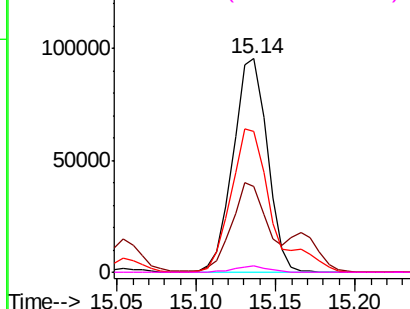
#57
2,4-Dinitrotoluene
Concen: 46.859 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	41.0	61.6#
89	66.1	64.6	96.8
182	2.7	2.0	3.0

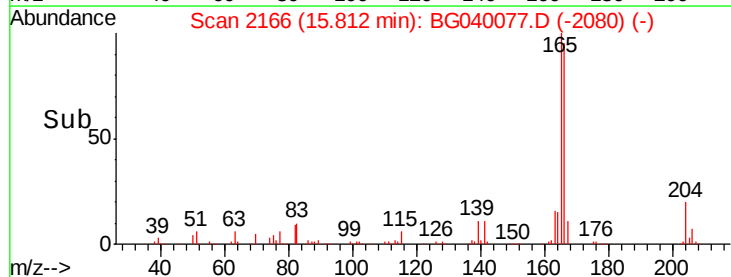
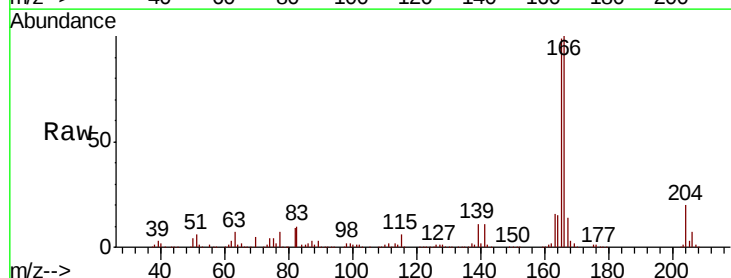


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

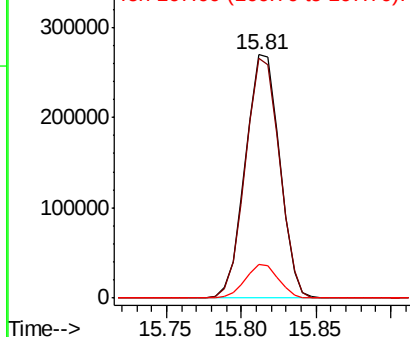


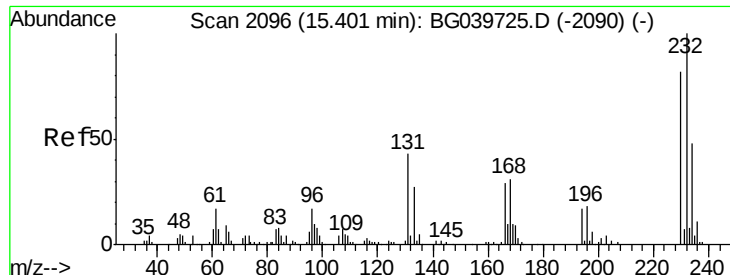
#58
Fluorene
Concen: 44.020 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	13.6	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

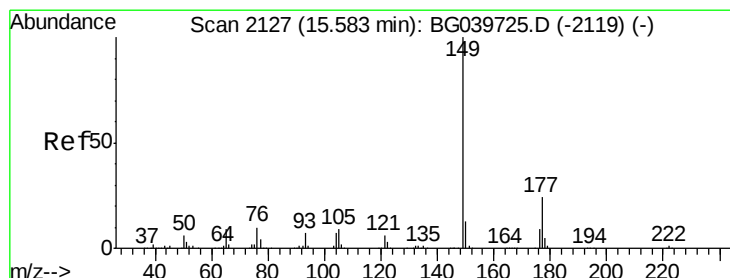
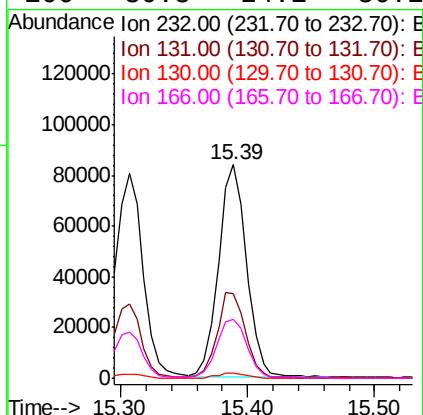
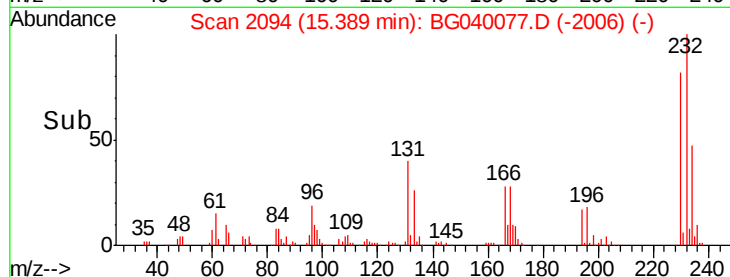
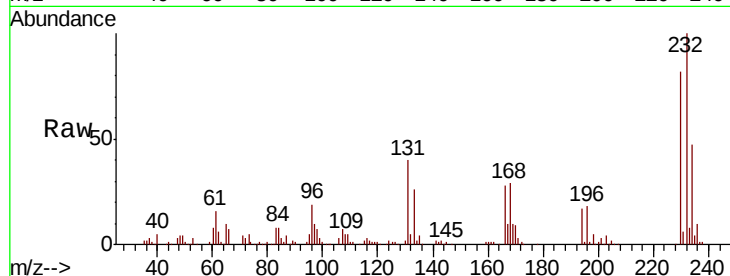




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.059 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

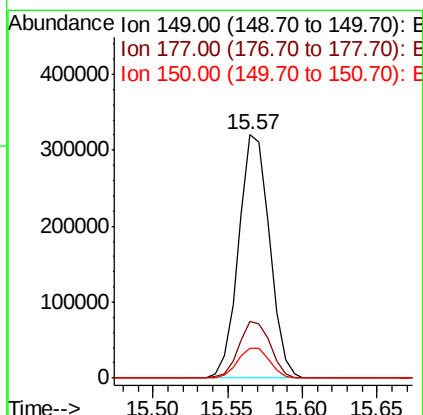
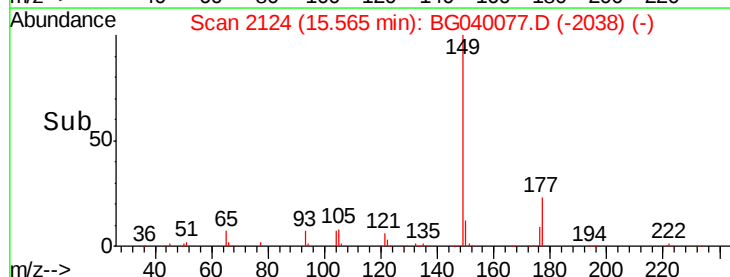
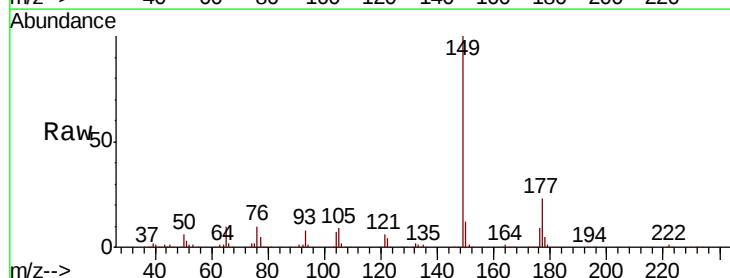
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.9	52.3
130	2.5	2.0	3.0
166	30.8	24.1	36.1



#60
Diethylphthalate
Concen: 45.148 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	12.4	10.2	15.2

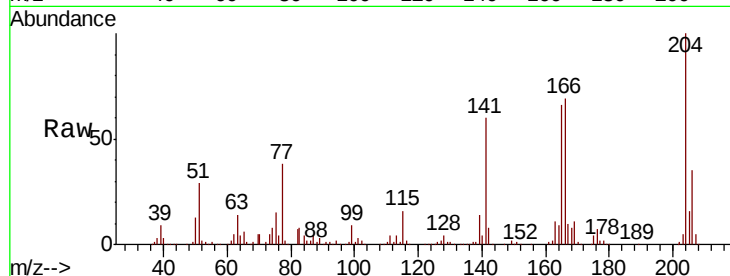




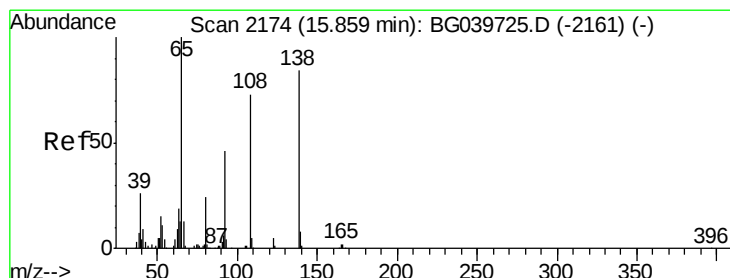
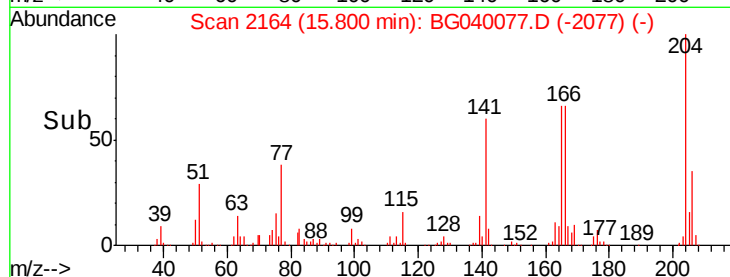
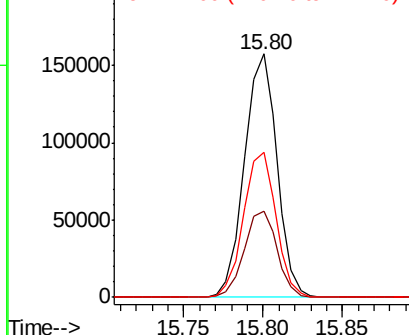
#61
4-Chlorophenyl-phenylether
Concen: 43.468 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion: 204 Resp: 224491
Ion Ratio Lower Upper
204 100
206 35.2 29.2 43.8
141 59.8 49.0 73.4

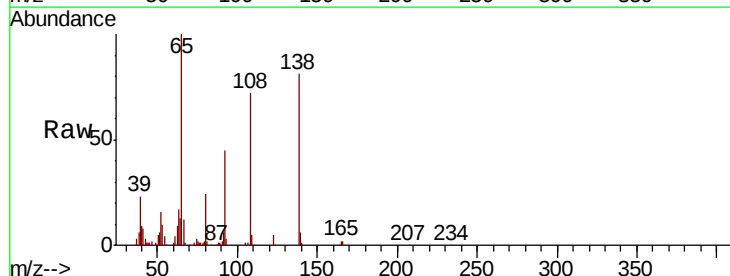


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

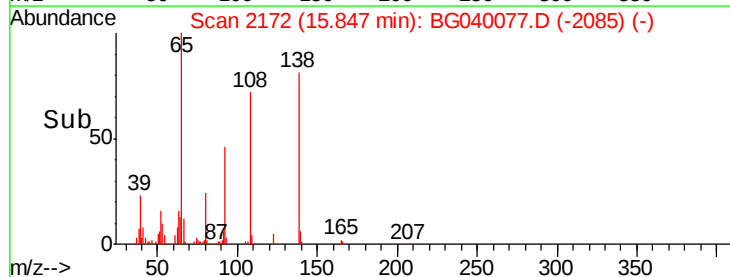
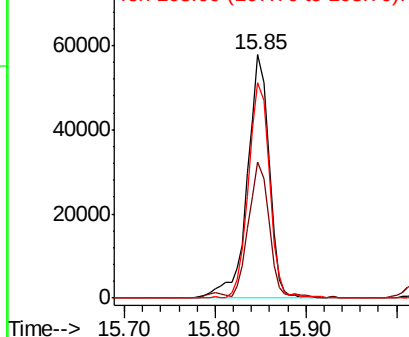


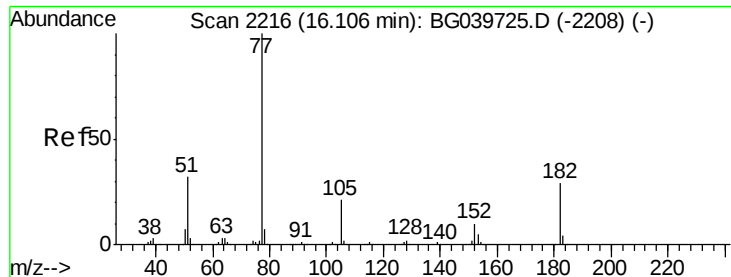
#62
4-Nitroaniline
Concen: 40.564 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion: 138 Resp: 96181
Ion Ratio Lower Upper
138 100
92 56.1 38.7 78.7
108 88.7 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

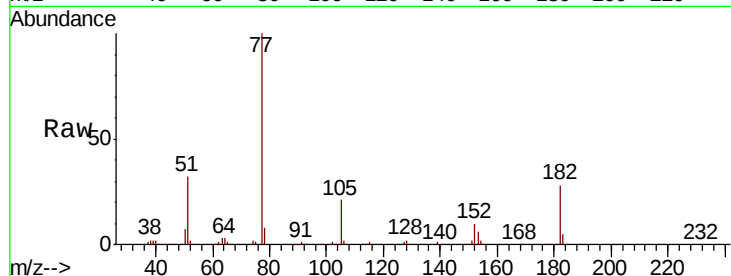




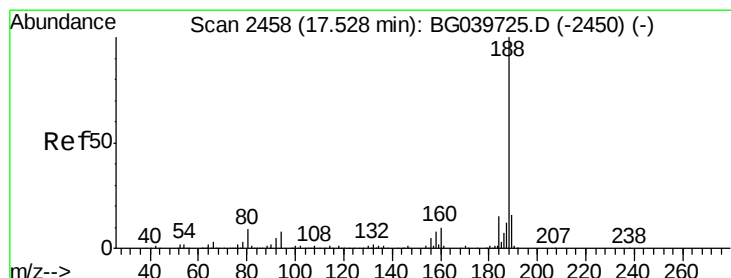
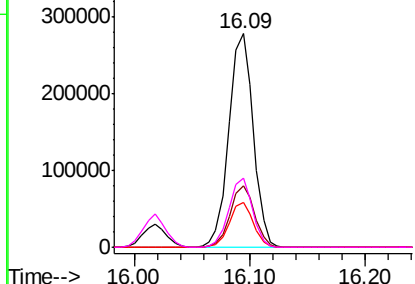
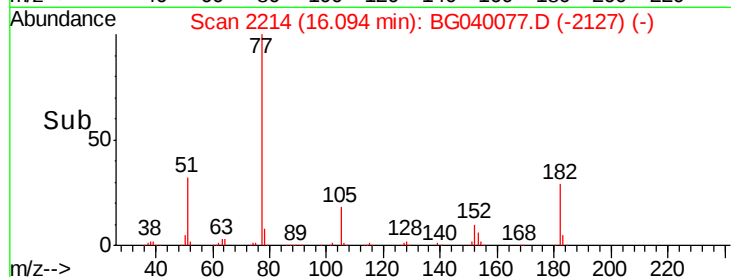
#63
Azobenzene
Concen: 44.053 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion: 77 Resp: 405711
Ion Ratio Lower Upper
77 100
182 28.5 6.4 46.4
105 20.7 0.0 39.8
51 32.2 14.1 54.1

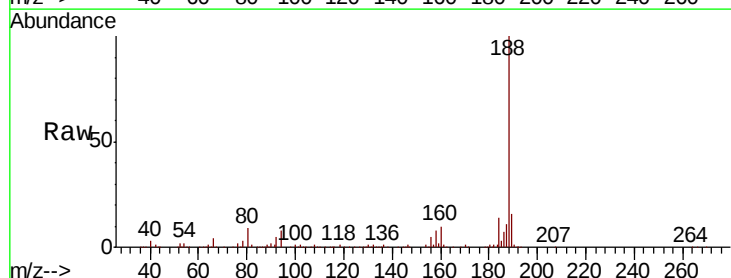


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

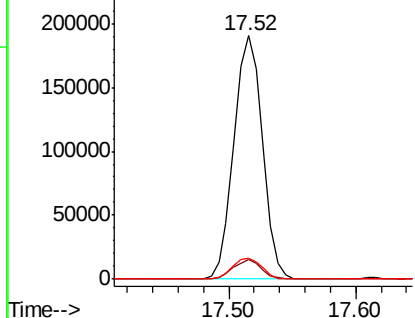
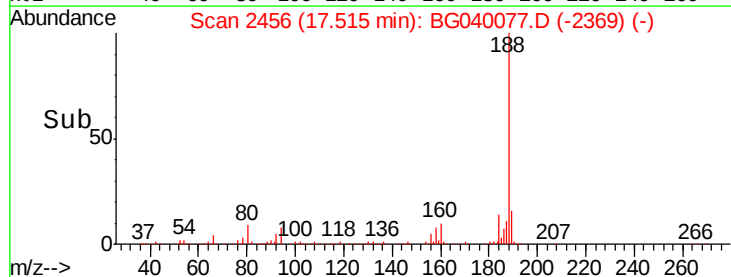


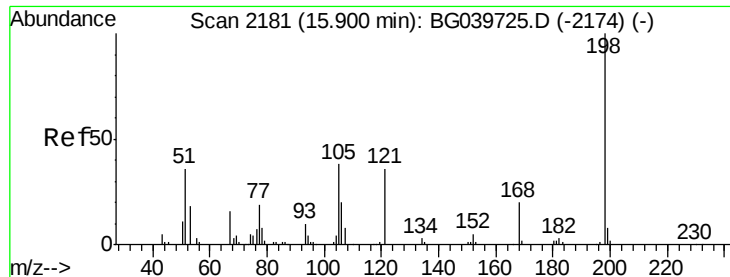
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion: 188 Resp: 295700
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.7 8.1 12.1



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





#65

4,6-Dinitro-2-methylphenol

Concen: 29.408 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

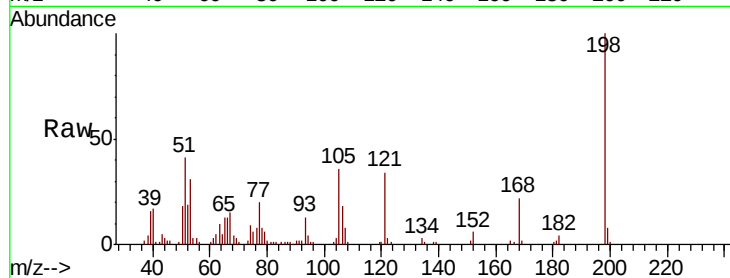
Tgt Ion:198 Resp: 51417

Ion Ratio Lower Upper

198 100

51 40.9 27.4 67.4

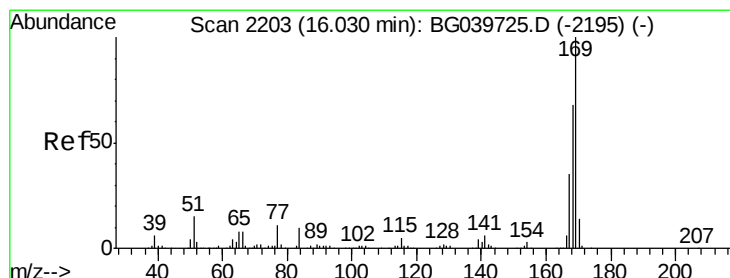
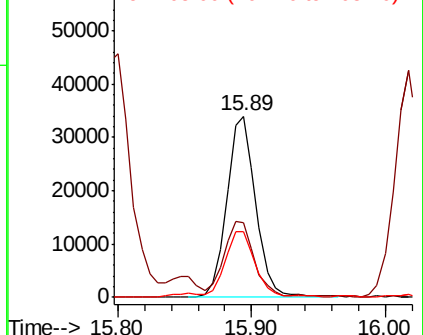
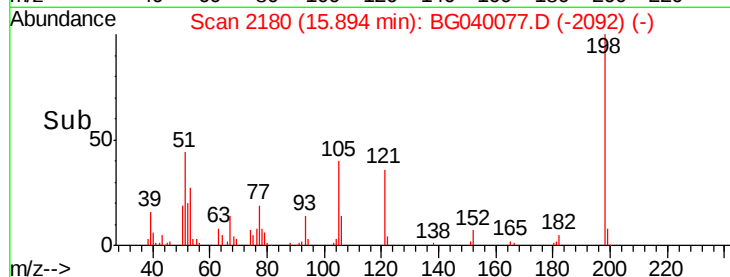
105 36.5 19.7 59.7



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: 46.042 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

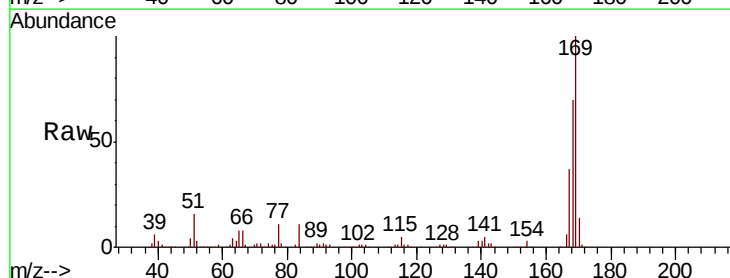
Tgt Ion:169 Resp: 394145

Ion Ratio Lower Upper

169 100

168 69.6 56.6 85.0

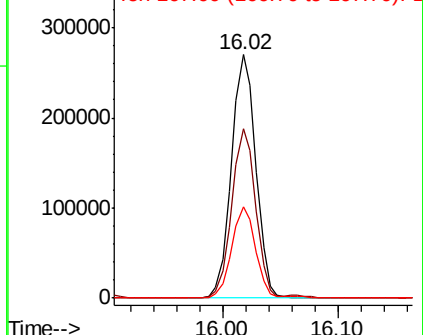
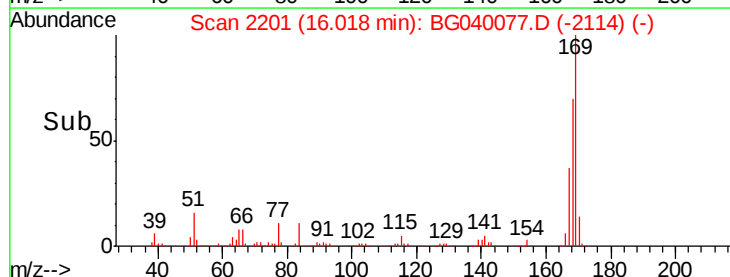
167 37.3 28.8 43.2

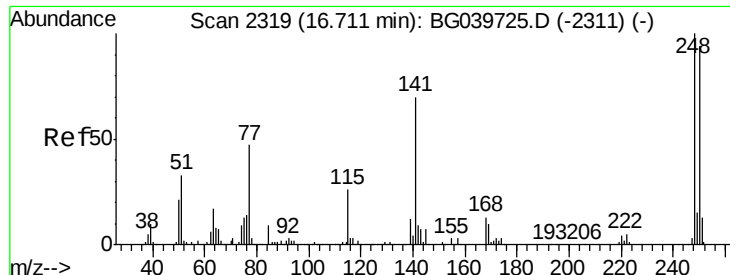


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

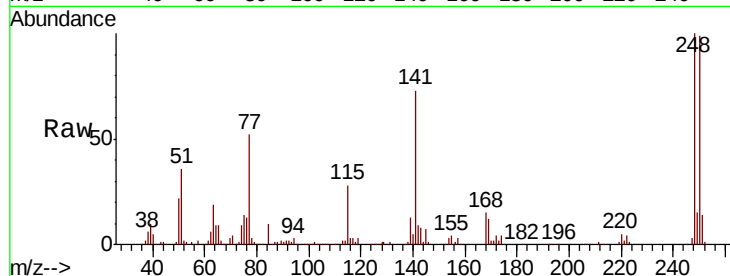




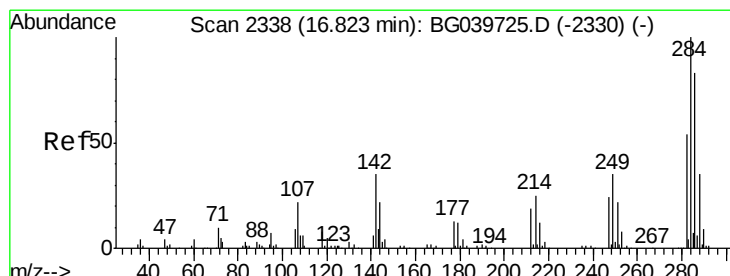
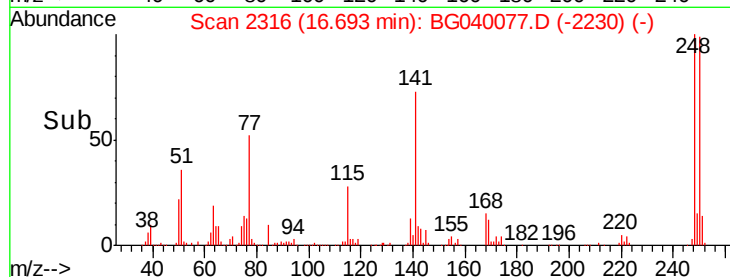
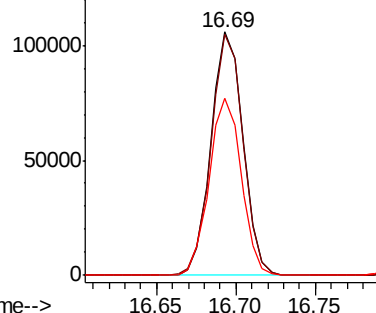
#67
 4-Bromophenyl-phenylether
 Concen: 44.754 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tgt Ion:248 Resp: 148130
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.6 116.4
 141 72.9 63.9 95.9

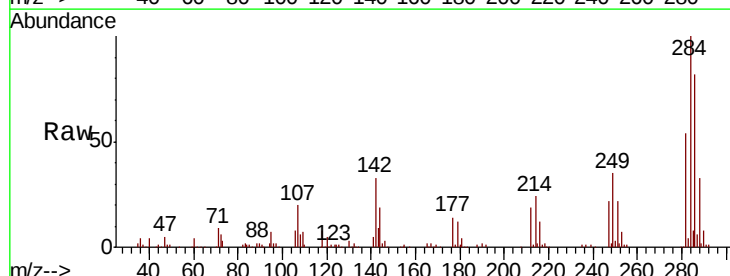


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

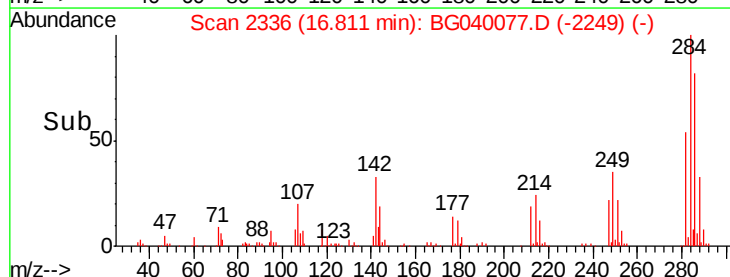
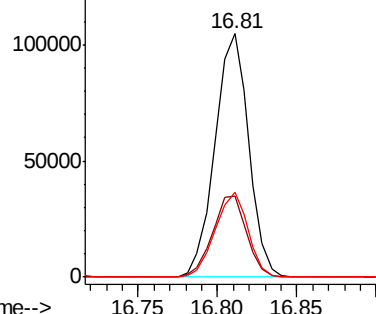


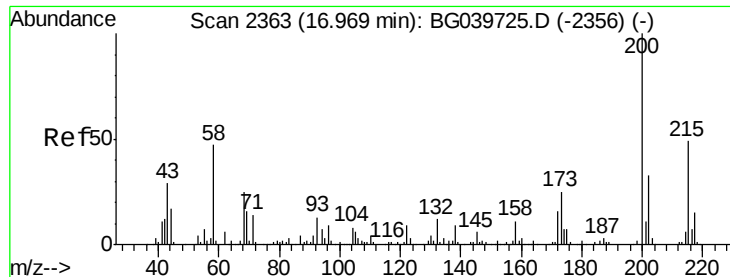
#68
 Hexachlorobenzene
 Concen: 44.975 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion:284 Resp: 154306
 Ion Ratio Lower Upper
 284 100
 142 33.1 30.6 45.8
 249 35.0 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

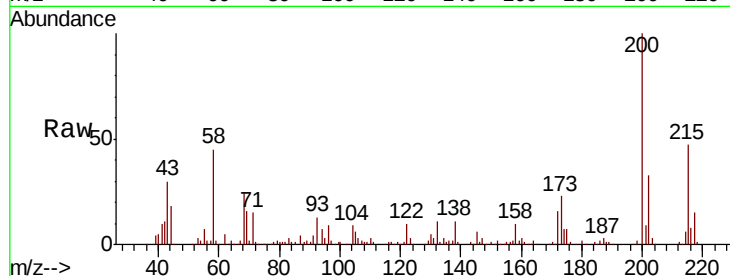




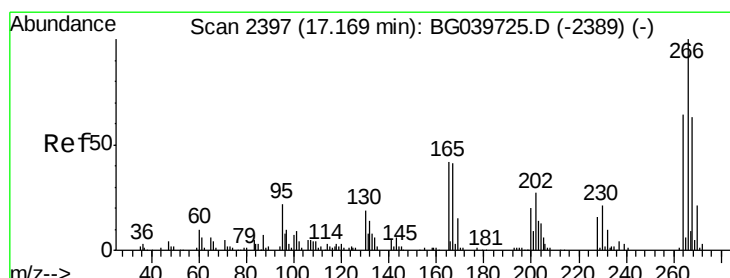
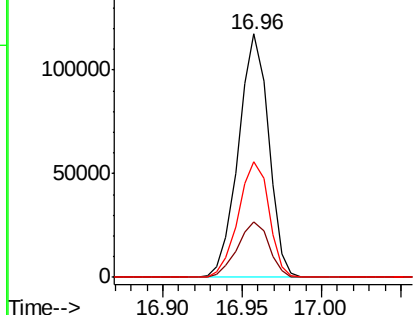
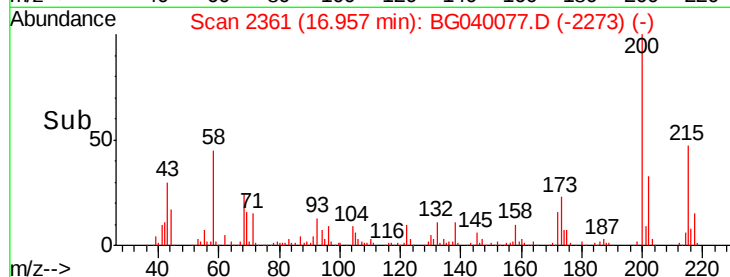
#69
 Atrazine
 Concen: 46.113 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.9	43.9
215	47.5	30.9	70.9

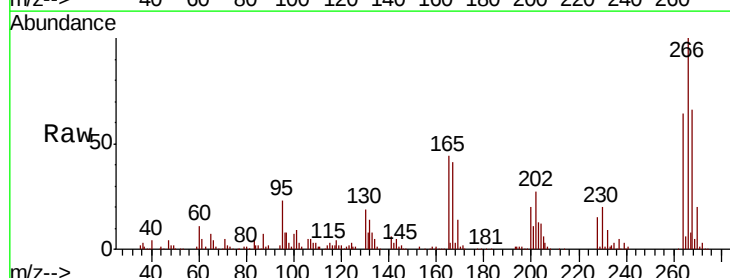


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

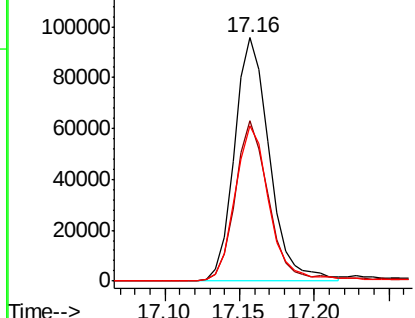
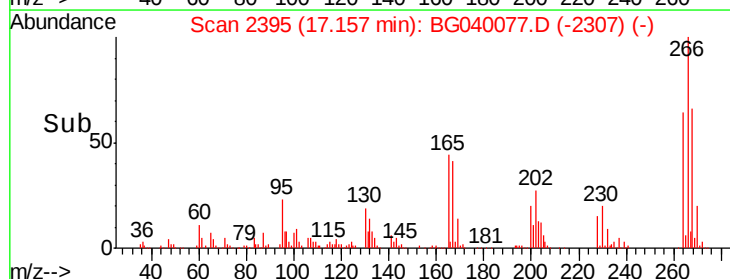


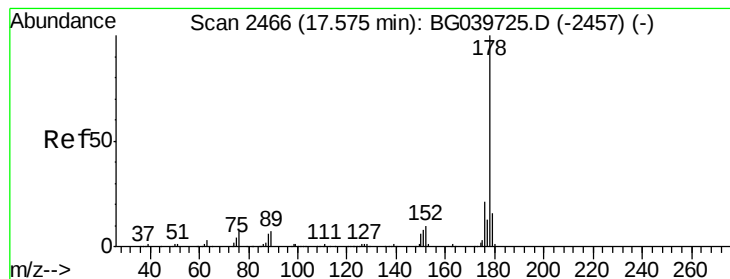
#70
 Pentachlorophenol
 Concen: 72.053 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	63.8	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: 43.775 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

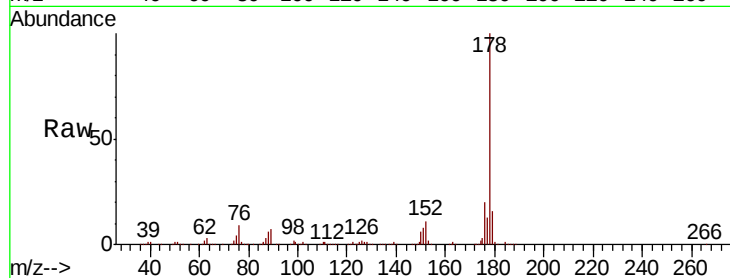
Tgt Ion:178 Resp: 712982

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

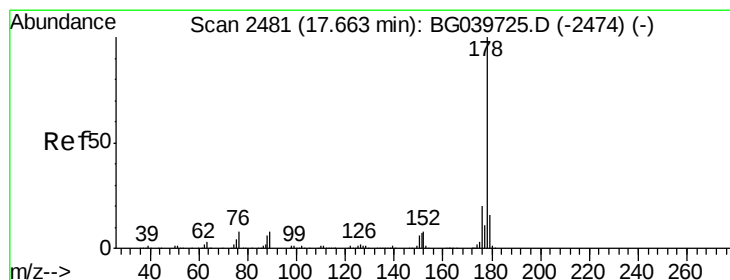
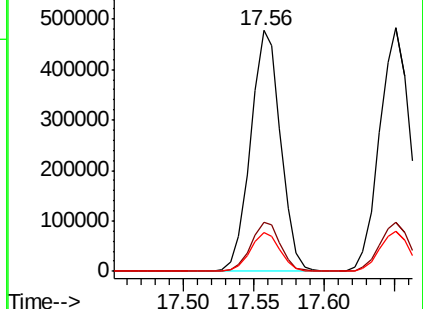
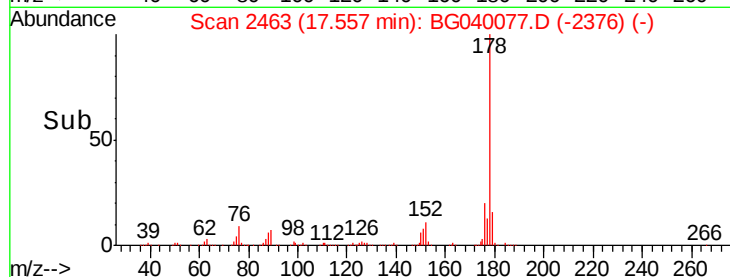
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.772 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

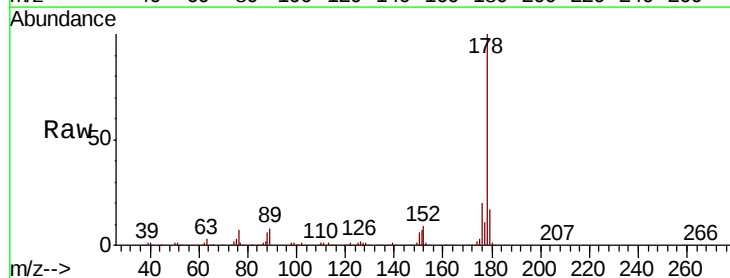
Tgt Ion:178 Resp: 726493

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

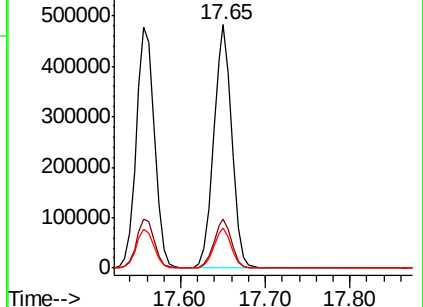
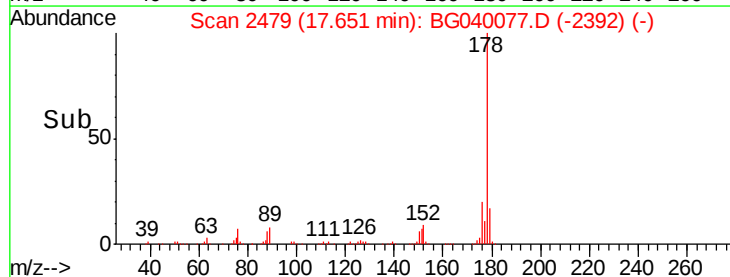
179 16.6 12.5 18.7

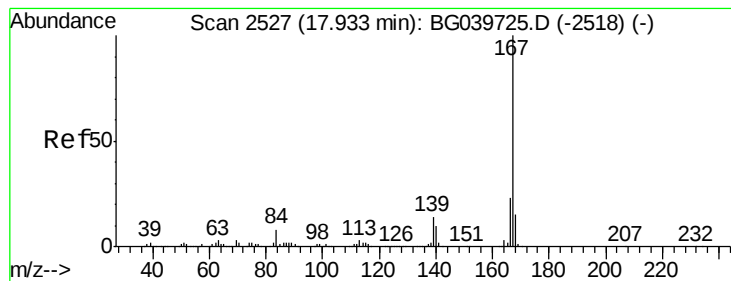


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.568 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

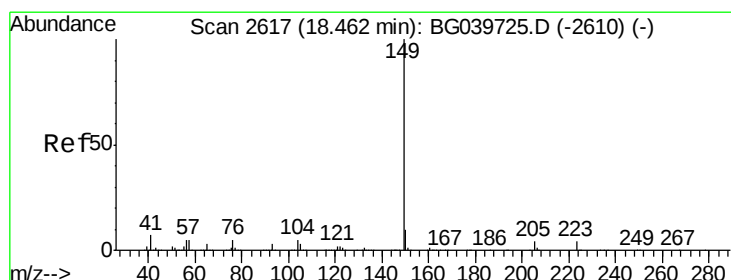
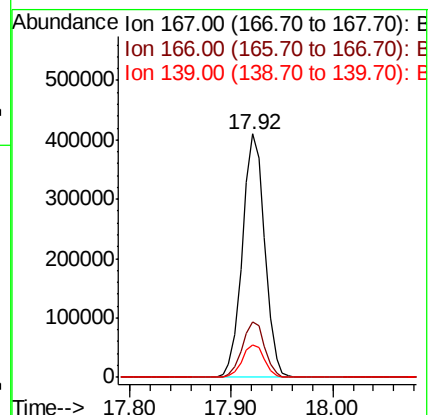
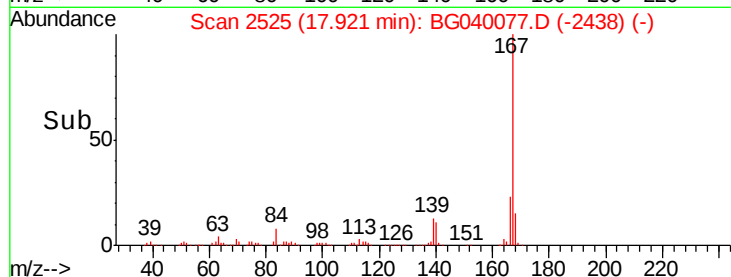
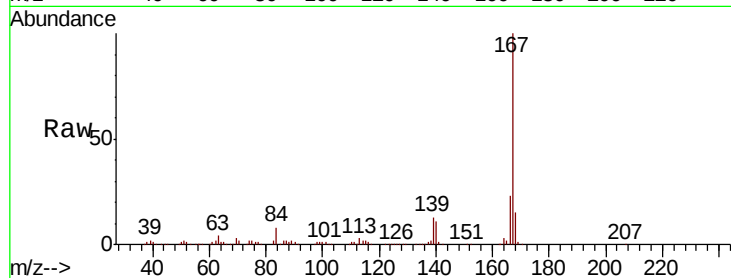
Tgt Ion:167 Resp: 623402

Ion Ratio Lower Upper

167 100

166 23.0 19.4 29.2

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 45.145 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

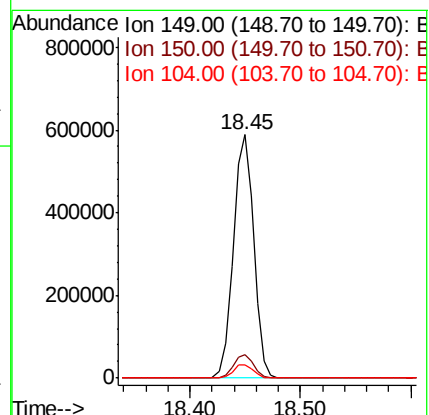
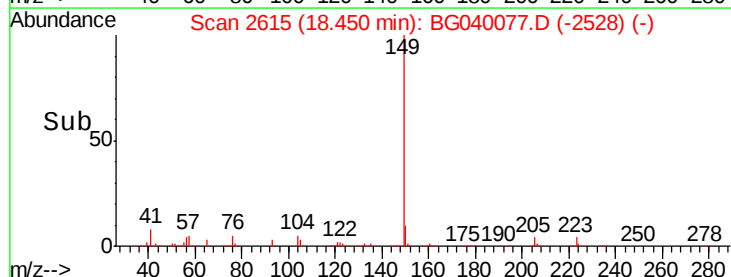
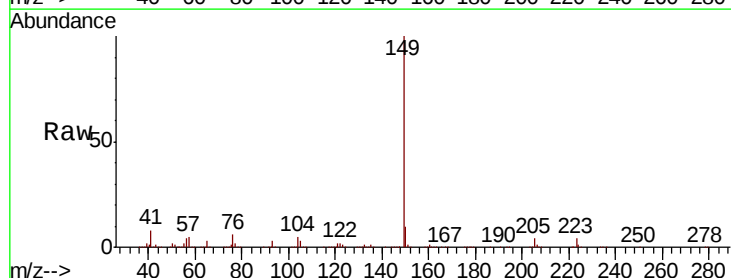
Tgt Ion:149 Resp: 760027

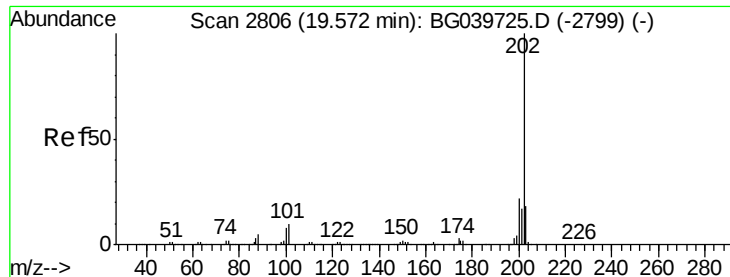
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 43.180 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

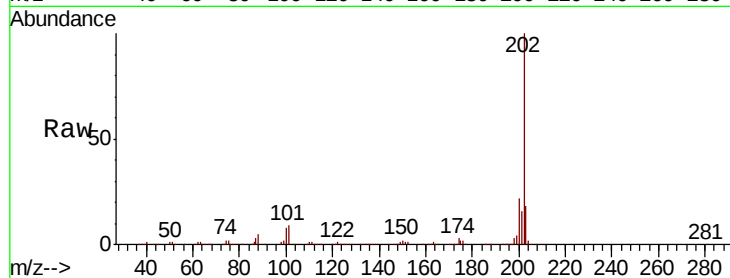
Tgt Ion:202 Resp: 831163

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

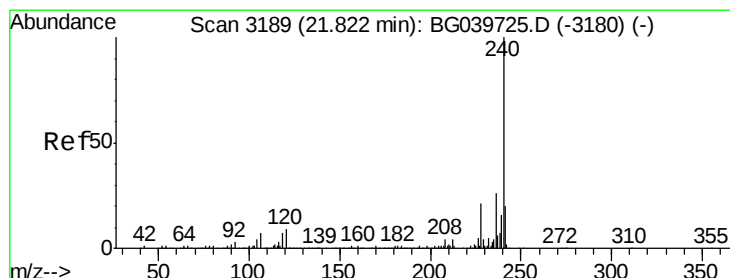
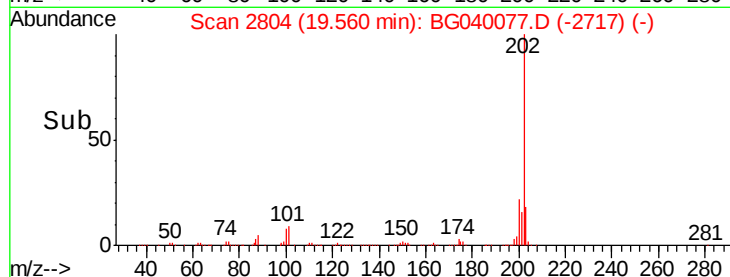
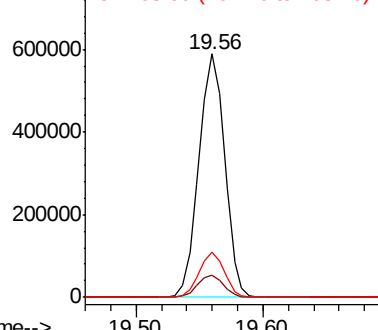
203 18.4 0.0 38.9



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# 3186

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

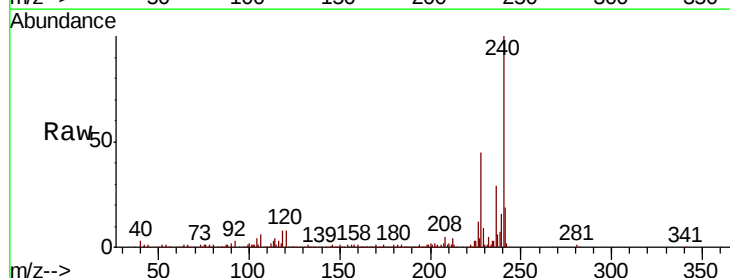
Tgt Ion:240 Resp: 278424

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

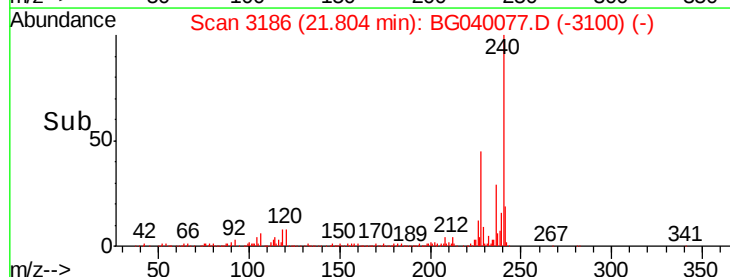
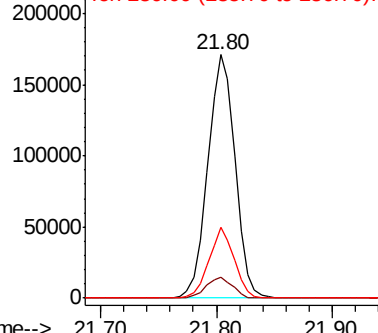
236 29.2 21.0 31.4



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

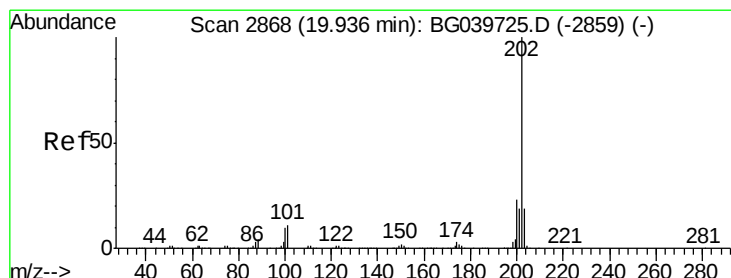
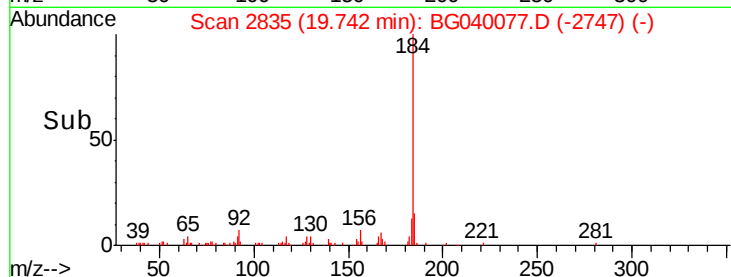
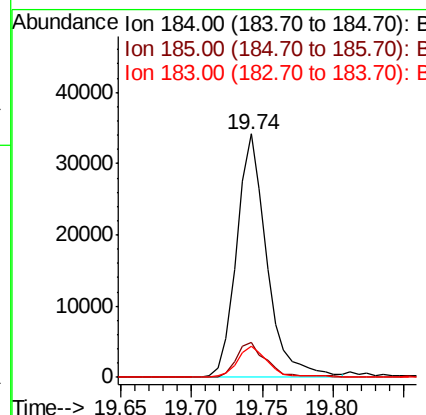
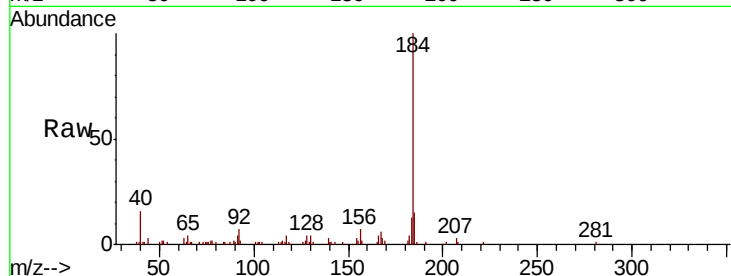




#77
Benzidine
Concen: 5.776 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

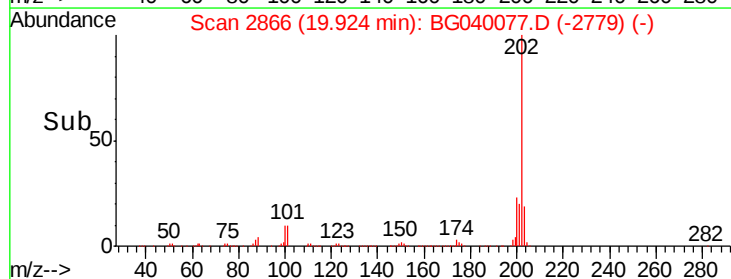
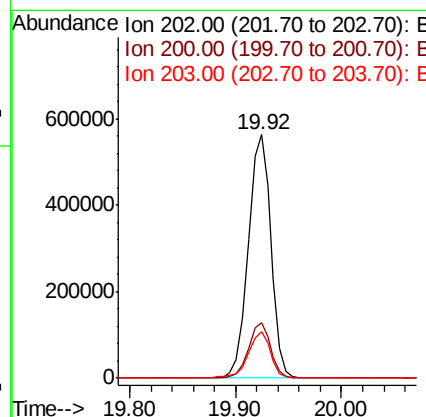
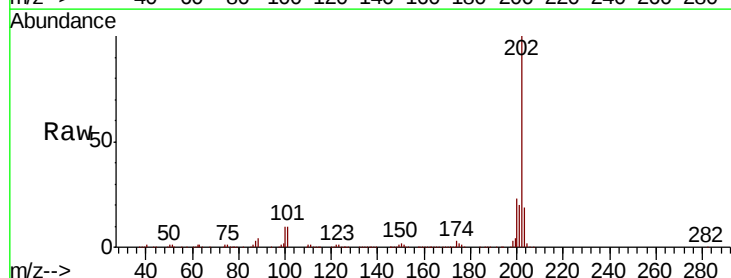
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

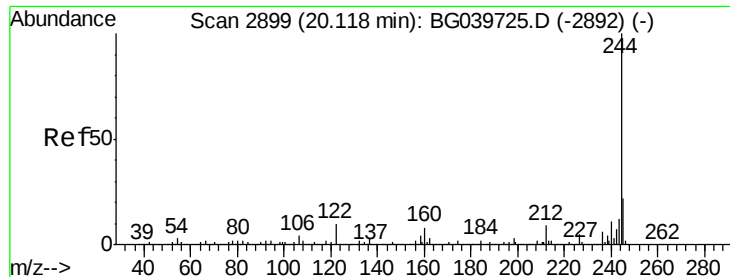
Tgt Ion:184 Resp: 51029
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 12.6 10.6 15.8



#78
Pyrene
Concen: 45.972 ng
RT: 19.92 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:202 Resp: 831726
Ion Ratio Lower Upper
202 100
200 22.9 17.8 26.8
203 18.9 15.3 22.9





#79

Terphenyl-d14

Concen: 92.849 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

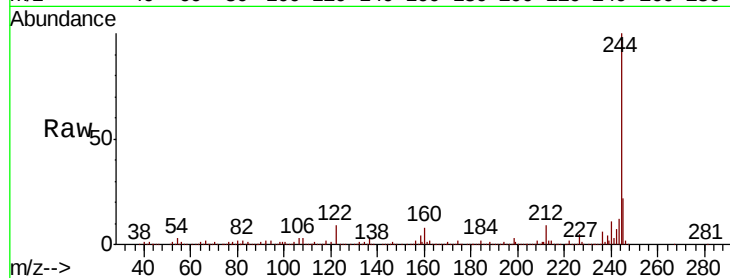
Tgt Ion:244 Resp: 1174102

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

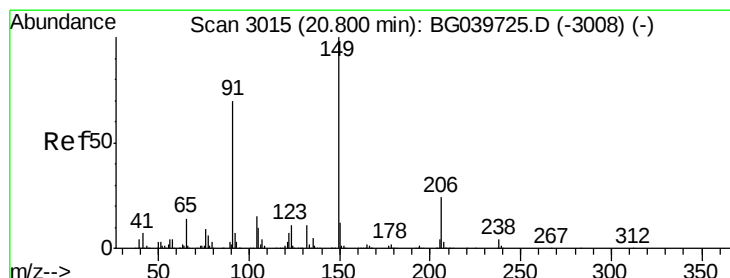
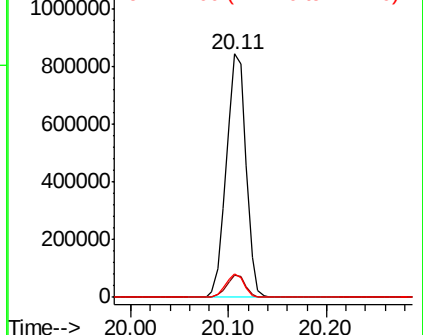
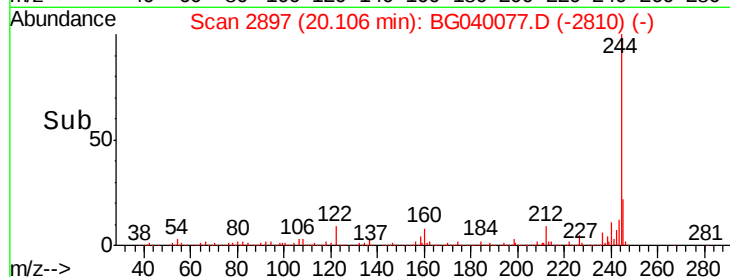
122 9.4 8.4 12.6



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: 48.091 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

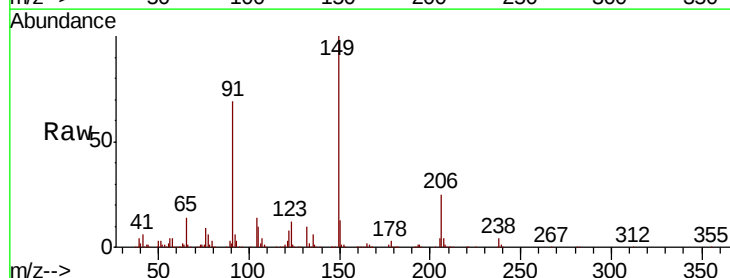
Tgt Ion:149 Resp: 337085

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

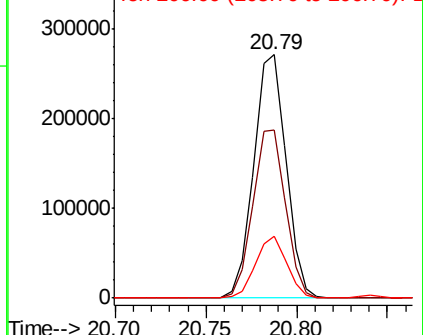
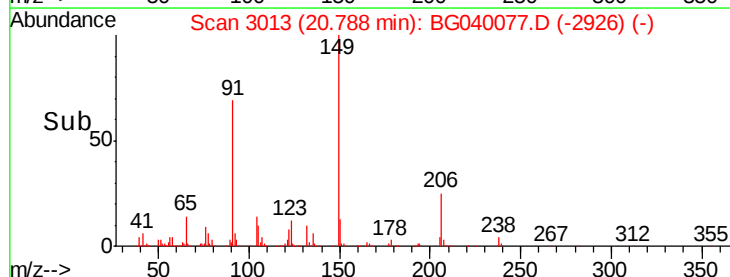
206 25.4 18.6 27.8



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: 44.512 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

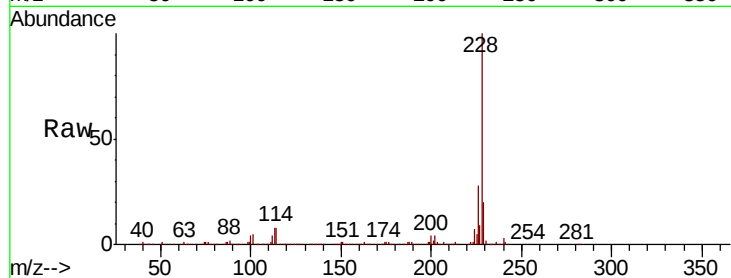
Tgt Ion:228 Resp: 776720

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.6

229 19.9 16.9 25.3

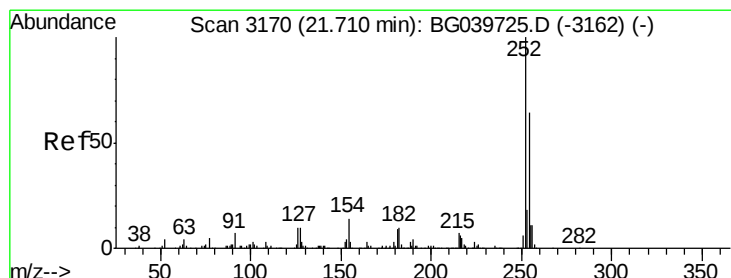
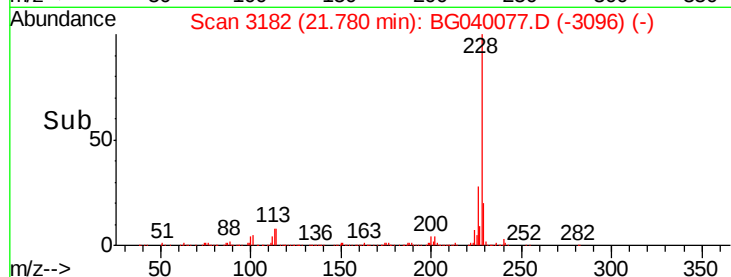
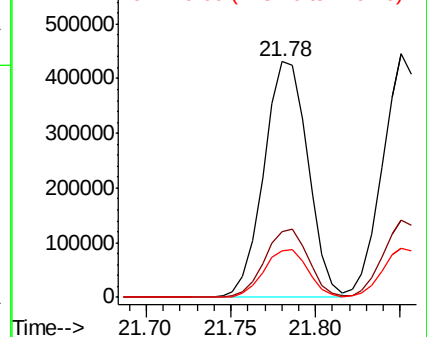


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.780 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

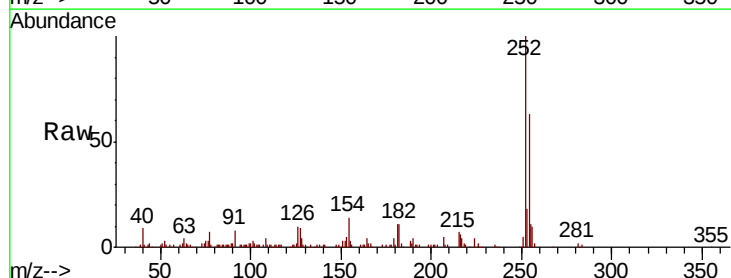
Tgt Ion:252 Resp: 81420

Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

126 9.8 8.0 12.0

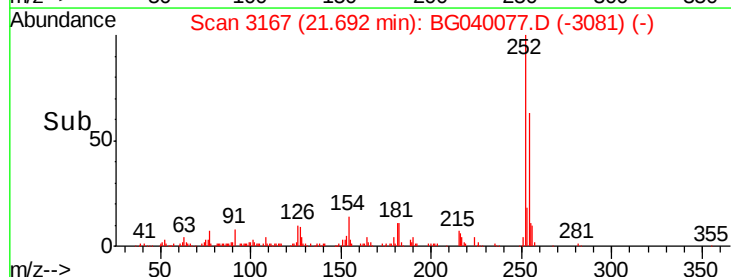
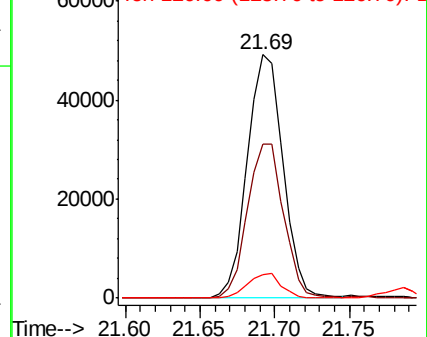


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.913 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

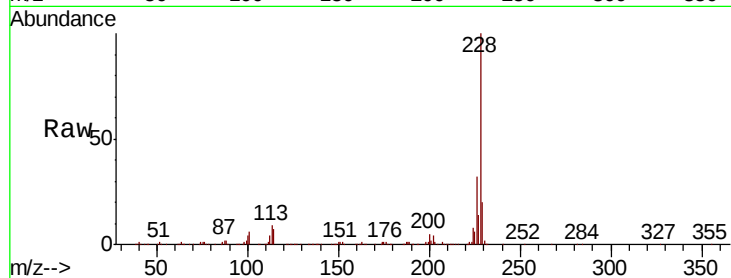
Tgt Ion:228 Resp: 742881

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

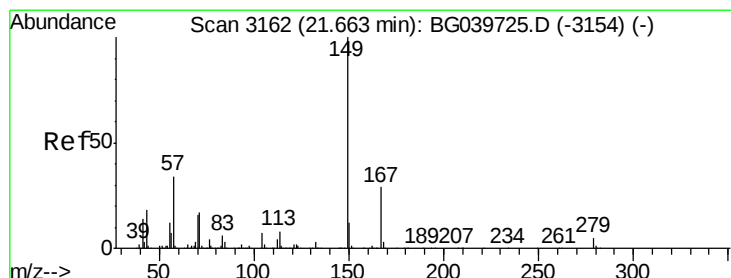
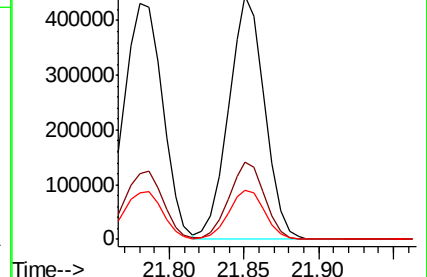
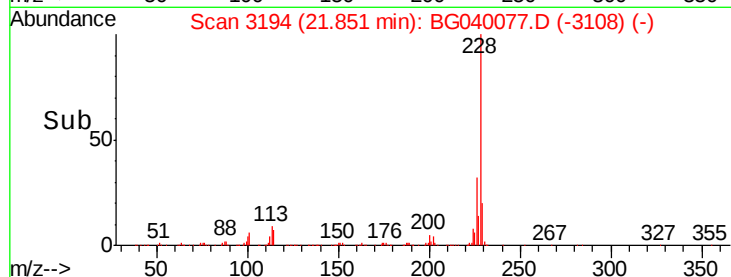
229 20.0 16.6 25.0



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: 47.529 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

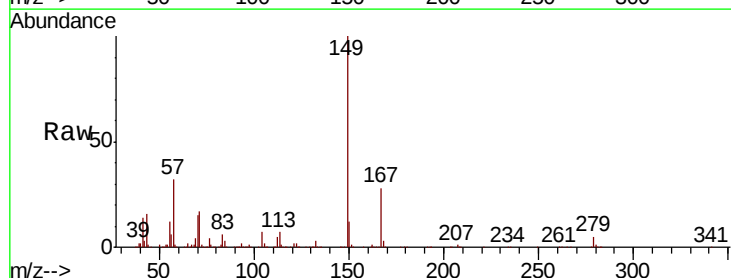
Tgt Ion:149 Resp: 468152

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

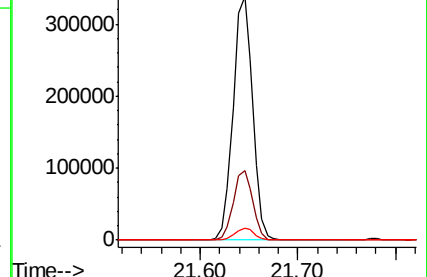
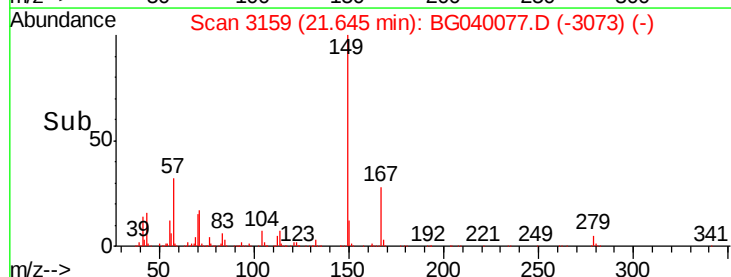
279 5.1 3.5 5.3

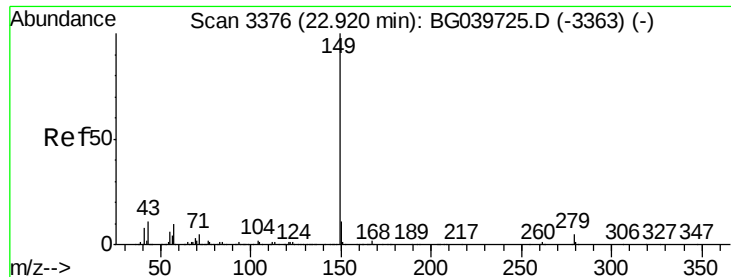


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

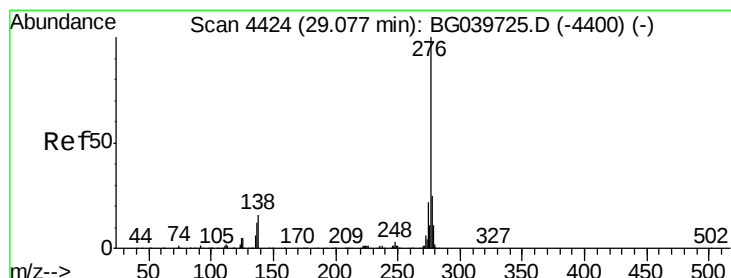
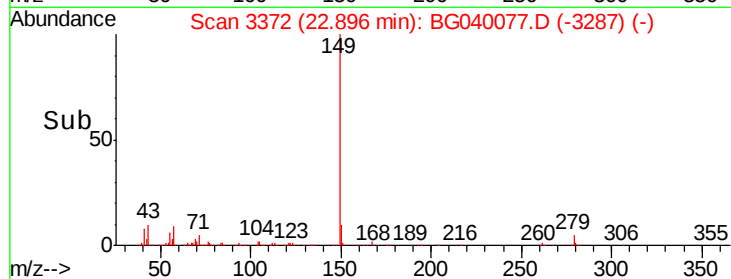
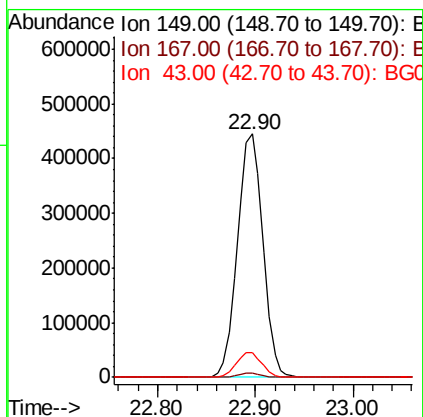
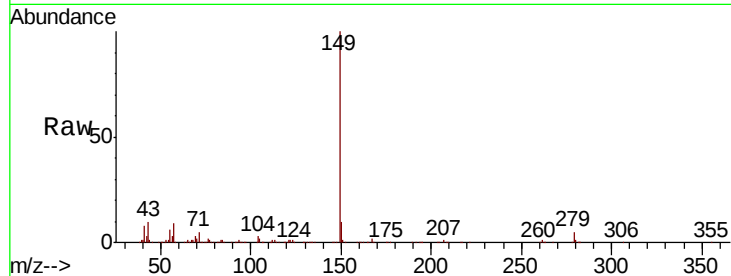




#85
Di-n-octyl phthalate
Concen: 49.246 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

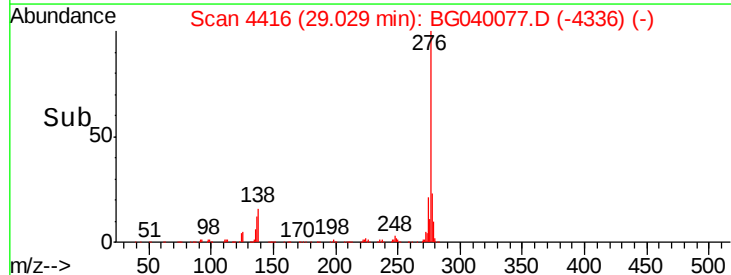
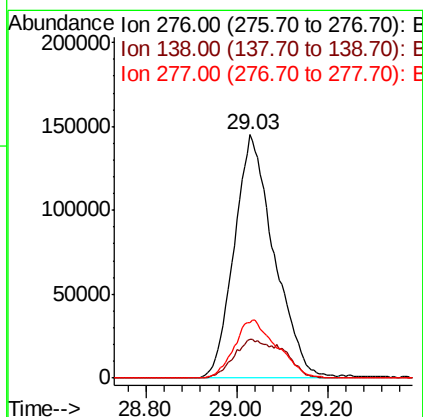
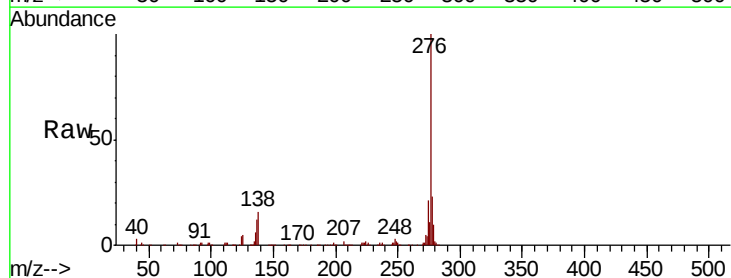
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

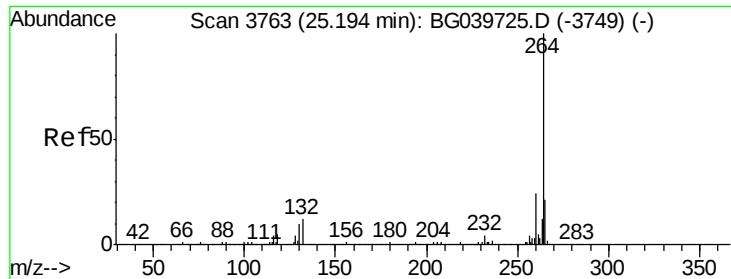
Tgt Ion:149 Resp: 803165
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 10.2 15.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.210 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:276 Resp: 886837
Ion Ratio Lower Upper
276 100
138 20.0 12.6 19.0#
277 25.7 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

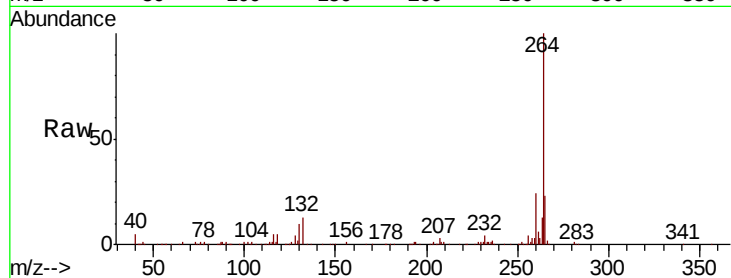
Tgt Ion:264 Resp: 288079

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

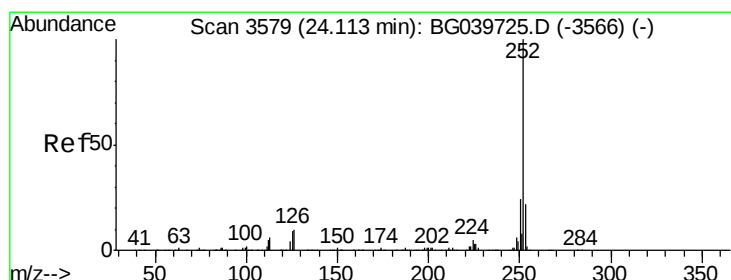
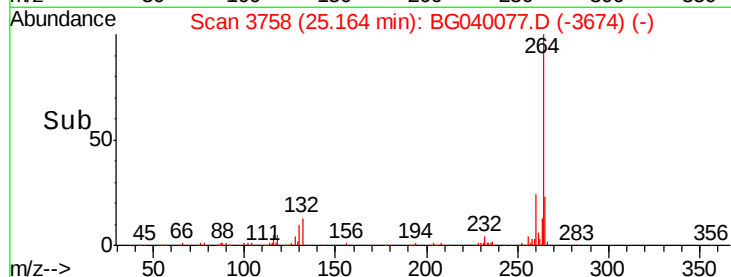
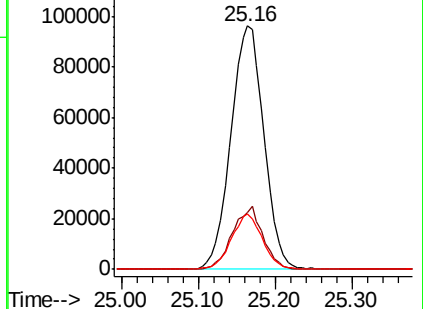
265 22.7 18.5 27.7



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: 45.771 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

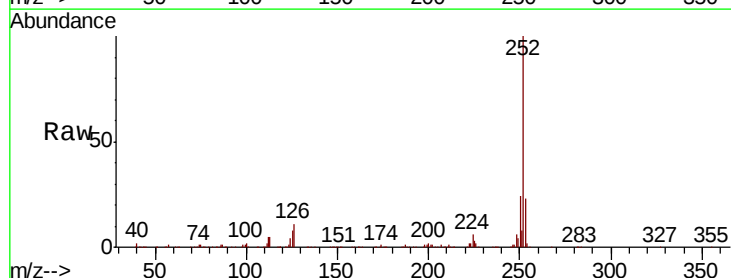
Tgt Ion:252 Resp: 786281

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

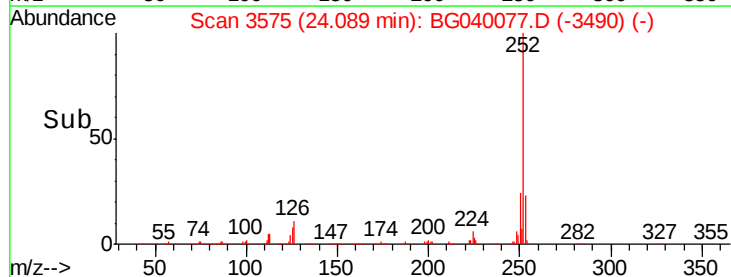
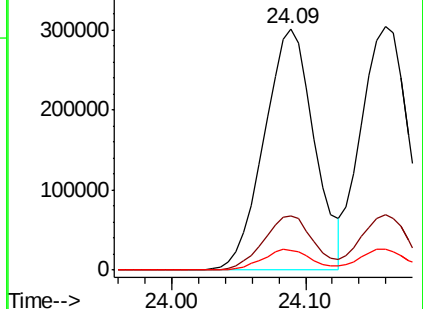
125 8.1 7.8 11.6

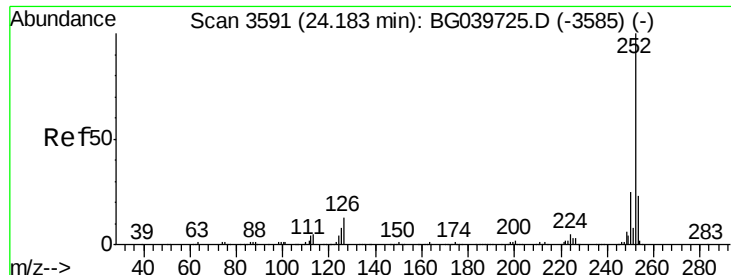


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

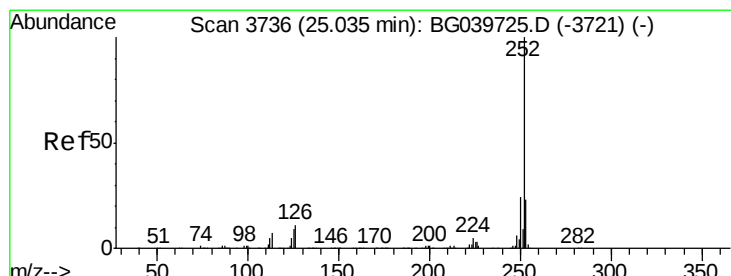
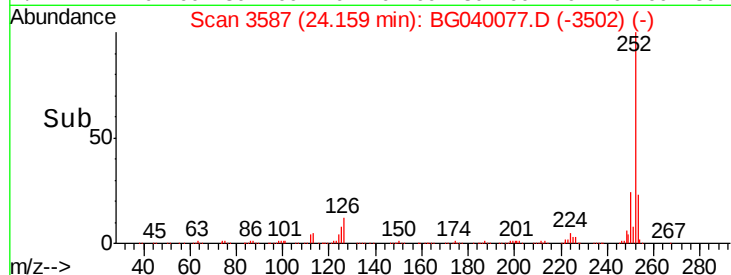
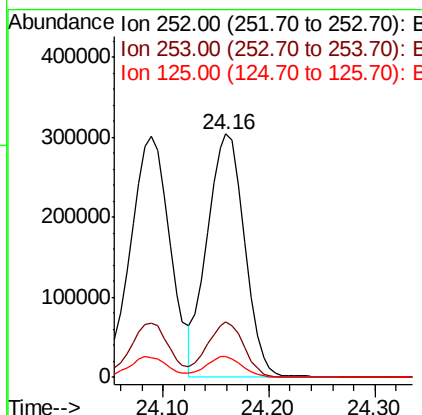
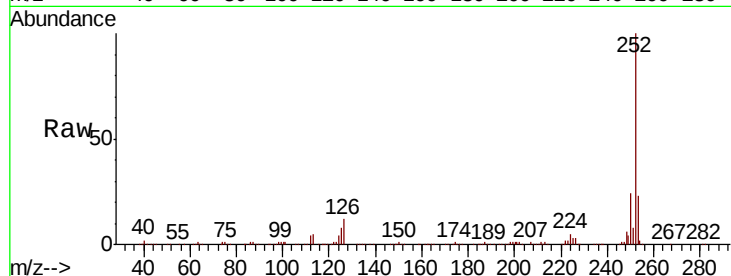




#89
Benzo(k)fluoranthene
Concen: 46.528 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

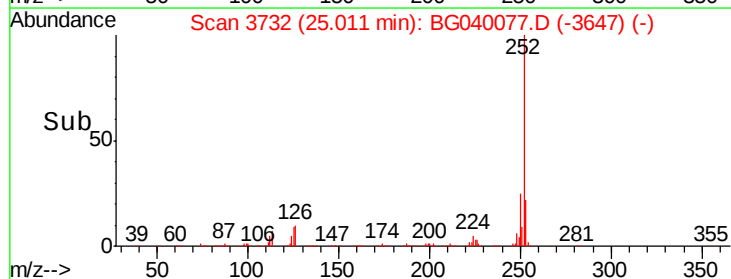
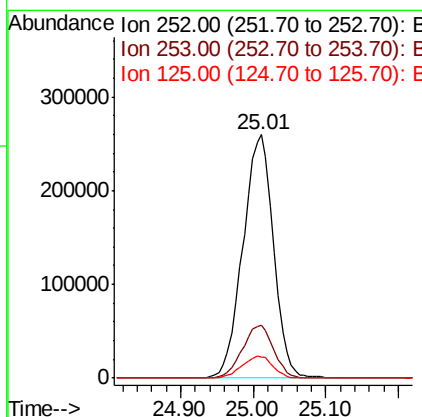
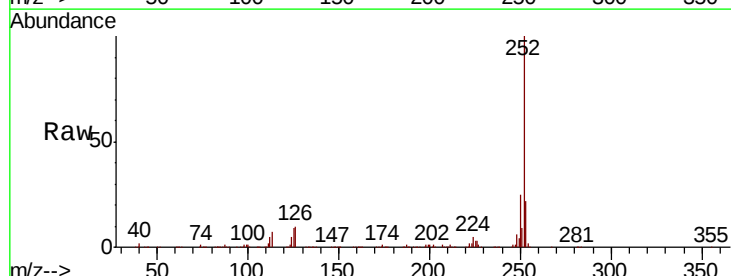
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion:252 Resp: 744021
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.725 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:252 Resp: 757594
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.7 8.3 12.5

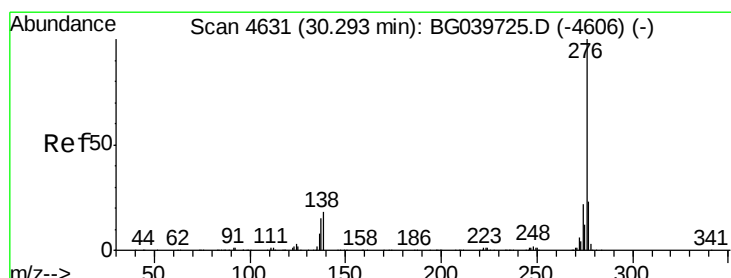
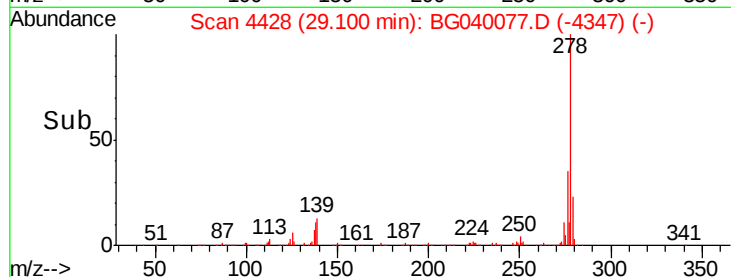
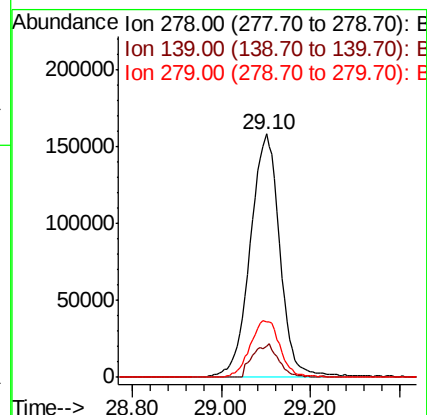
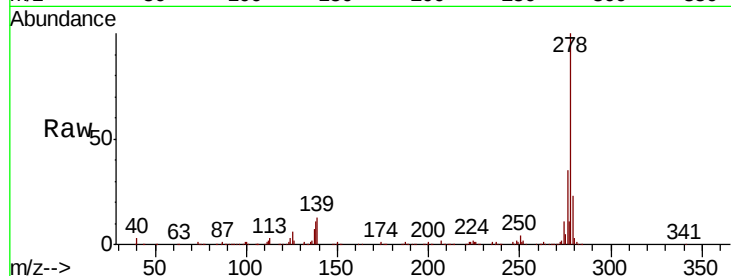




#91
Dibenzo(a,h)anthracene
Concen: 46.284 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.7	17.5
279	22.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 46.925 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.6	29.4
138	16.9	14.7	22.1

