

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040016.D
 Acq On : 19 Mar 2019 23:57
 Operator : JU/SJ
 Sample : K1941-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Quant Time: Mar 20 04:14:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43012	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	183968	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	124570	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	297543	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	303369	20.00	ng	-0.02
87) Perylene-d12	25.16	264	316624	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	352466	139.80	ng	-0.02
7) Phenol-d6	7.30	99	514805	136.94	ng	-0.02
23) Nitrobenzene-d5	9.32	82	309528	91.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	197459	136.00	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	677639	77.45	ng	-0.02
79) Terphenyl-d14	20.11	244	1070363	77.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	34722	29.831	ng	99
3) Pyridine	3.98	79	40926	13.134	ng	93
4) n-Nitrosodimethylamine	3.90	42	55214	37.350	ng	# 98
6) Aniline	7.47	93	104717	21.262	ng	99
8) 2-Chlorophenol	7.71	128	116367	38.045	ng	96
9) Benzaldehyde	7.28	77	43479	17.930	ng	94
10) Phenol	7.33	94	199222	48.919	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	114643	36.106	ng	98
12) 1,3-Dichlorobenzene	8.03	146	122409	35.385	ng	99
13) 1,4-Dichlorobenzene	8.18	146	125183	35.527	ng	97
14) 1,2-Dichlorobenzene	8.50	146	119741	35.172	ng	99
15) Benzyl Alcohol	8.38	79	116054	38.918	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	234253	36.888	ng	99
17) 2-Methylphenol	8.58	107	104997	40.434	ng	99
18) Hexachloroethane	9.22	117	45352	35.870	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	96703	35.739	ng	98
20) 3+4-Methylphenols	8.91	107	145441	40.316	ng	96
22) Acetophenone	8.97	105	181969	36.853	ng	96
24) Nitrobenzene	9.36	77	144505	40.495	ng	96
25) Isophorone	9.88	82	278982	39.143	ng	100
26) 2-Nitrophenol	10.08	139	69126	40.122	ng	# 89
27) 2,4-Dimethylphenol	10.12	122	121384	45.300	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	166606	38.466	ng	99
29) 2,4-Dichlorophenol	10.60	162	132207	43.822	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	131990	38.880	ng	97
31) Naphthalene	11.02	128	371717	38.163	ng	98
32) Benzoic acid	10.25	122	55804	32.760	ng	97
33) 4-Chloroaniline	11.13	127	68186	16.509	ng	97
34) Hexachlorobutadiene	11.27	225	86643	37.349	ng	97
35) Caprolactam	11.91	113	23057	20.007	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	143912	41.613	ng	97
37) 2-Methylnaphthalene	12.61	142	285291	39.177	ng	98
38) 1-Methylnaphthalene	12.82	142	272889	38.561	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	161074	38.168	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	214676	94.923	ng	96
43) 2,4,6-Trichlorophenol	13.21	196	110209	44.607	ng	94
44) 2,4,5-Trichlorophenol	13.28	196	116819	41.947	ng	98
46) 1,1'-Biphenyl	13.61	154	388150	37.884	ng	98
47) 2-Chloronaphthalene	13.65	162	297413	38.586	ng	99
48) 2-Nitroaniline	13.86	65	108705	43.885	ng	97
49) Acenaphthylene	14.50	152	481945	38.089	ng	99
50) Dimethylphthalate	14.22	163	487771	46.827	ng	100
51) 2,6-Dinitrotoluene	14.35	165	89954	40.736	ng	97
52) Acenaphthene	14.83	154	290992	38.210	ng	99
53) 3-Nitroaniline	14.69	138	59041	26.598	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	116287	83.274	ng	99
55) Dibenzofuran	15.17	168	480787	38.479	ng	98
56) 4-Nitrophenol	14.99	139	158082	79.610	ng	93
57) 2,4-Dinitrotoluene	15.13	165	129486	41.732	ng	93
58) Fluorene	15.81	166	379154	38.600	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	118159	43.444	ng	100
60) Diethylphthalate	15.57	149	411650	39.921	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	200369	38.227	ng	98
62) 4-Nitroaniline	15.85	138	96296	40.016	ng	98
63) Azobenzene	16.10	77	374391	40.054	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	78716	44.743	ng	98
66) n-Nitrosodiphenylamine	16.02	169	344916	40.042	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	132536	39.795	ng	97
68) Hexachlorobenzene	16.81	284	135992	39.392	ng	98
69) Atrazine	16.96	200	139289	41.087	ng	95
70) Pentachlorophenol	17.16	266	172179	78.970	ng	99
71) Phenanthrene	17.56	178	633607	38.660	ng	99
72) Anthracene	17.65	178	643910	40.318	ng	99
73) Carbazole	17.92	167	572536	39.765	ng	99
74) Di-n-butylphthalate	18.45	149	691685	40.831	ng	99
75) Fluoranthene	19.56	202	745481	38.489	ng	98
77) Benzidine	19.74	184	20415	2.121	ng	98
78) Pyrene	19.92	202	758713	38.488	ng	99
80) Butylbenzylphthalate	20.78	149	326355	42.731	ng	99
81) Benzo(a)anthracene	21.78	228	722466	37.999	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	178881	25.770	ng	96
83) Chrysene	21.85	228	694530	37.679	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	458373	42.710	ng	99
85) Di-n-octyl phthalate	22.89	149	785229	44.188	ng	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	833769	39.873	ng	98
88) Benzo(b)fluoranthene	24.09	252	730327	38.681	ng	98
89) Benzo(k)fluoranthene	24.16	252	709727	40.382	ng	98
90) Benzo(a)pyrene	25.01	252	718142	41.161	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	678592	39.674	ng	97
92) Benzo(g,h,i)perylene	30.25	276	694331	40.419	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

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Acq: 19 Mar 2019 23:57

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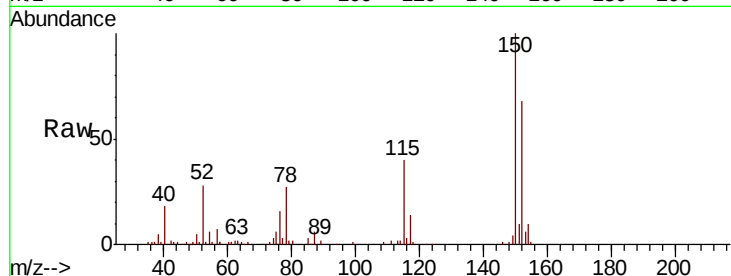
Tgt Ion:152 Resp: 43012

Ion Ratio Lower Upper

152 100

150 147.9 123.7 185.5

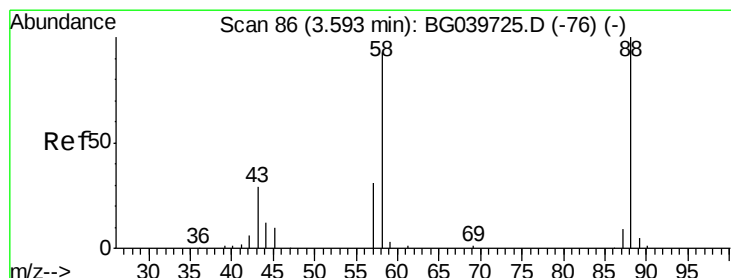
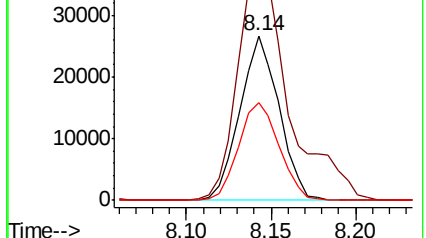
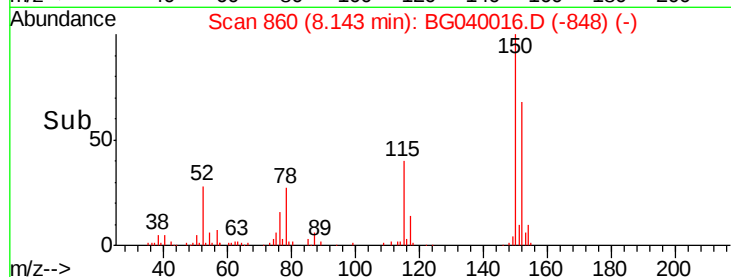
115 59.2 45.9 68.9



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: 29.831 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

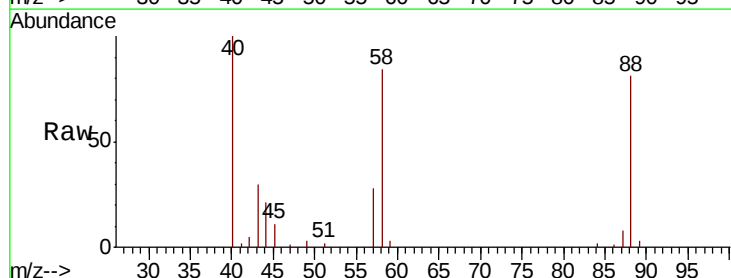
Tgt Ion: 88 Resp: 34722

Ion Ratio Lower Upper

88 100

58 101.4 81.1 121.7

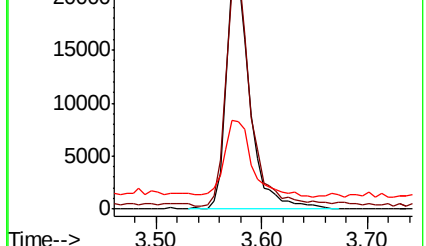
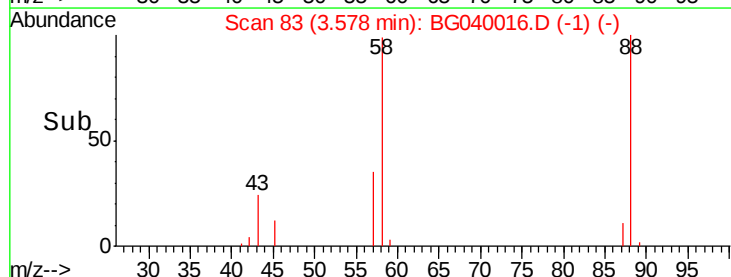
43 38.0 31.4 47.0

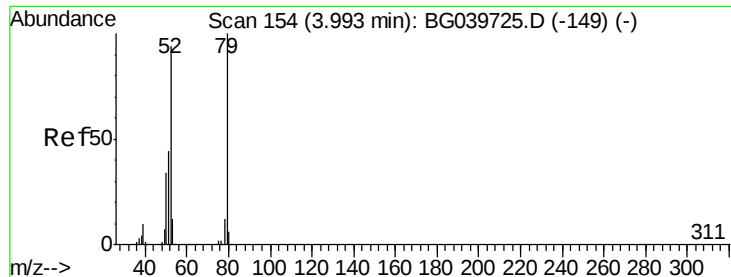


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 13.134 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

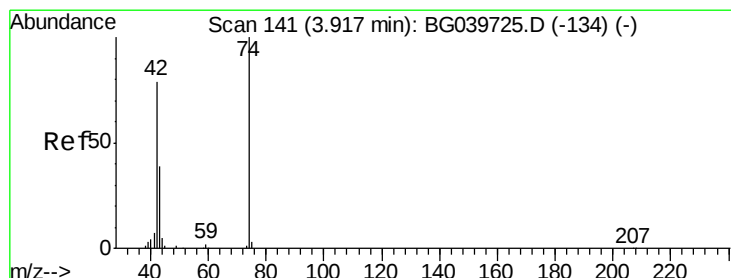
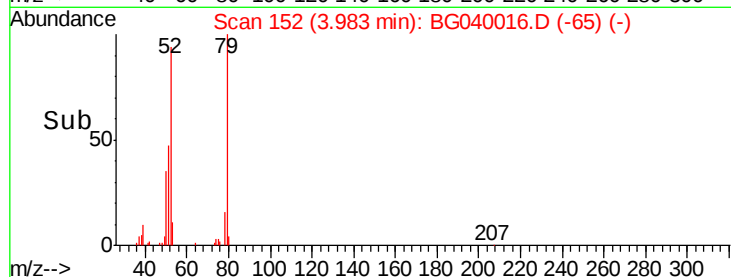
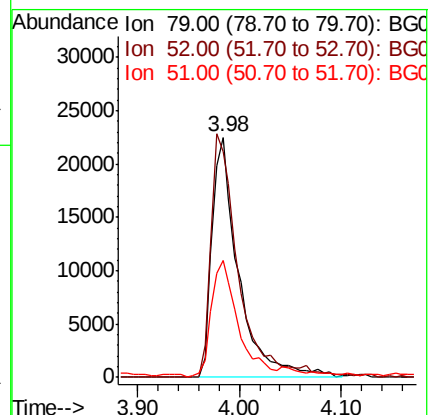
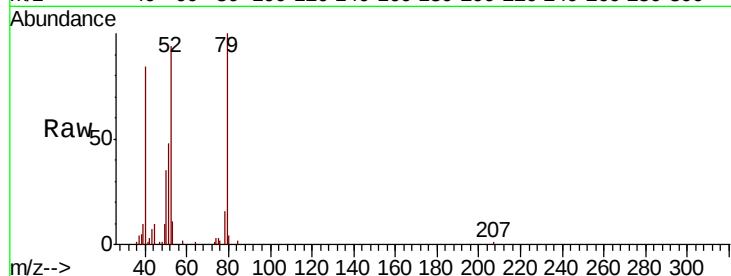
Tgt Ion: 79 Resp: 40926

Ion Ratio Lower Upper

79 100

52 93.8 82.6 124.0

51 48.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.350 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

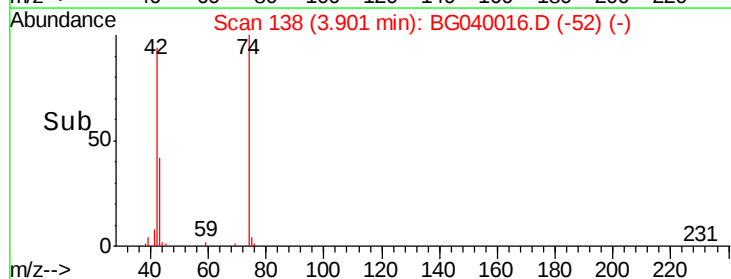
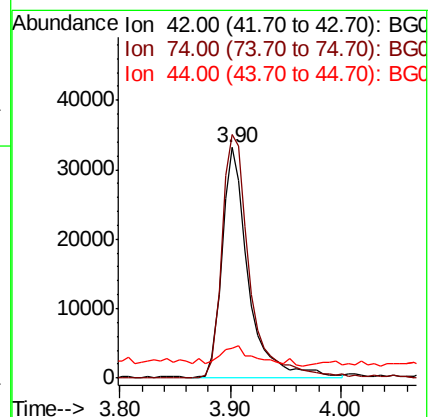
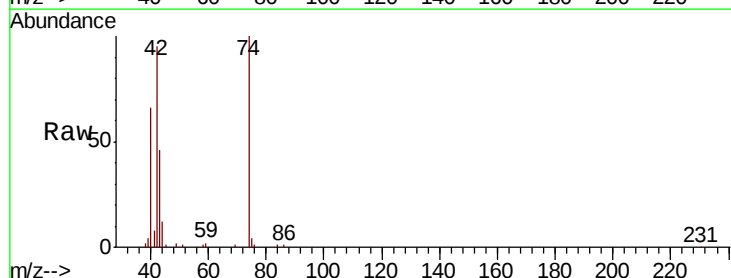
Tgt Ion: 42 Resp: 55214

Ion Ratio Lower Upper

42 100

74 105.6 83.6 125.4

44 12.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 139.801 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampled :

SPMSD

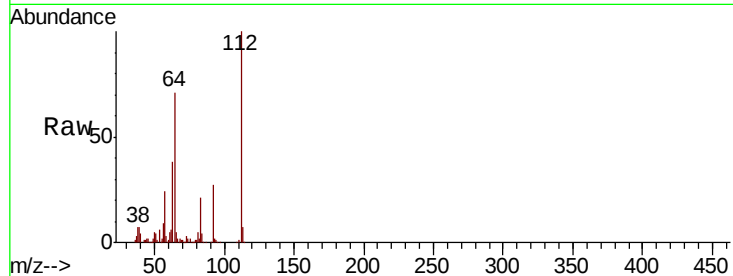
Tgt Ion: 112 Resp: 352466

Ion Ratio Lower Upper

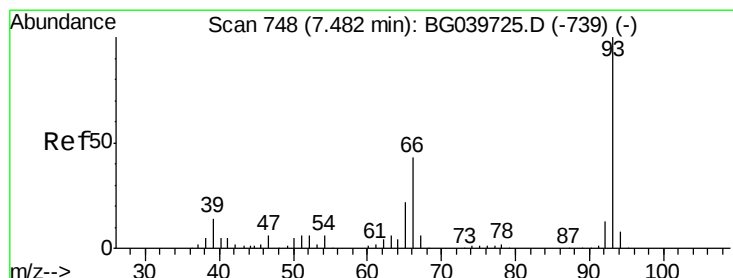
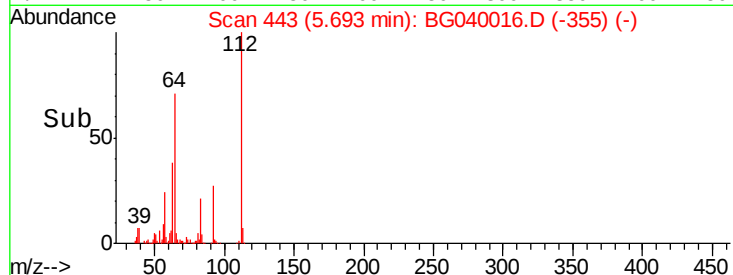
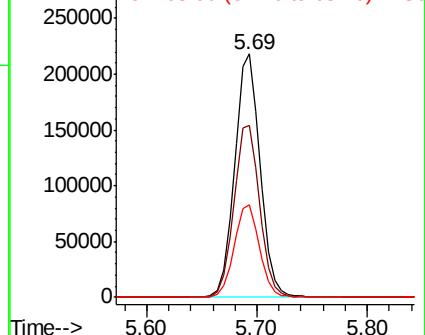
112 100

64 70.8 57.8 86.8

63 38.0 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: 21.262 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

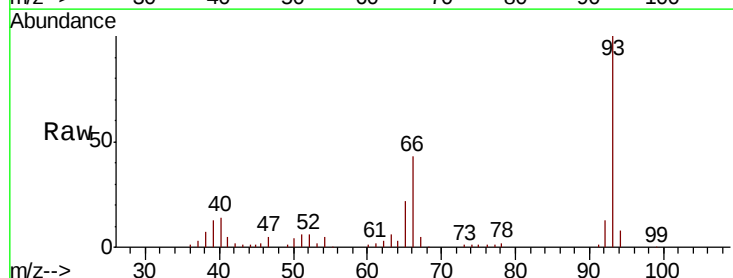
Tgt Ion: 93 Resp: 104717

Ion Ratio Lower Upper

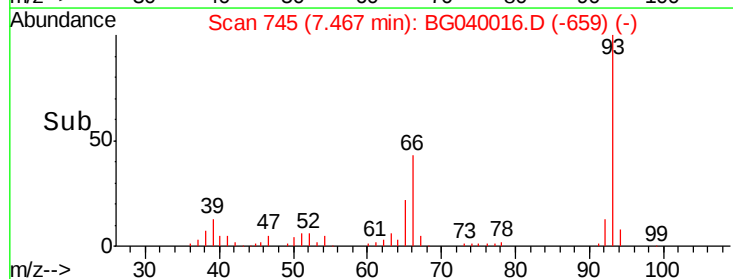
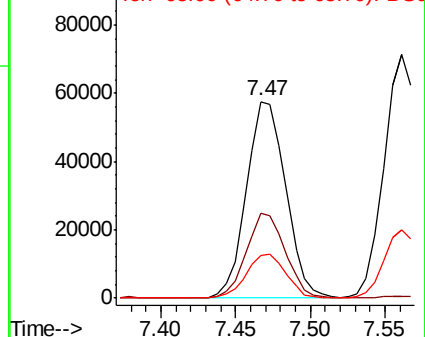
93 100

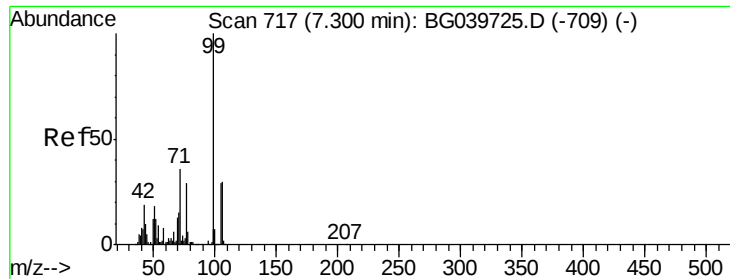
66 43.0 34.2 51.4

65 21.7 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: 136.943 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040016.D

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ClientSampleId :

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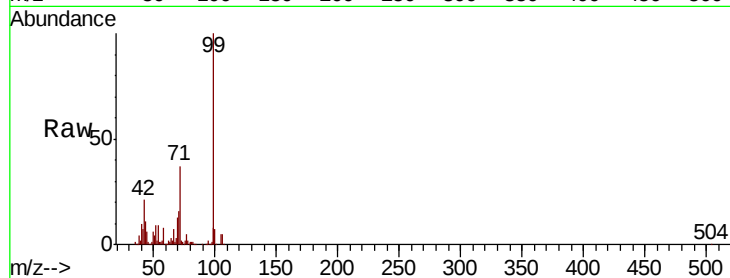
Tgt Ion: 99 Resp: 514805

Ion Ratio Lower Upper

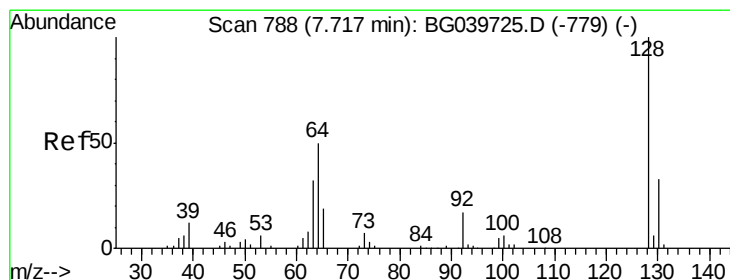
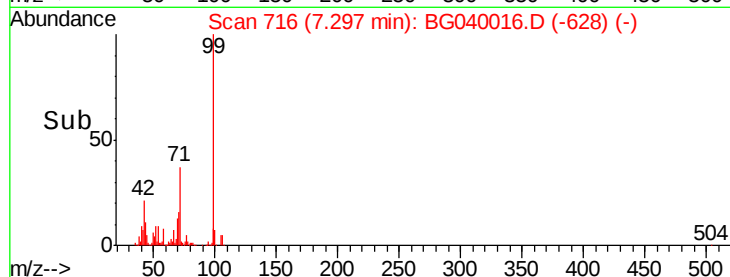
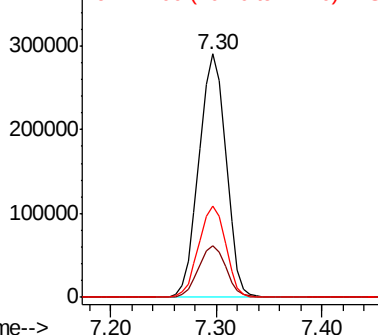
99 100

42 21.4 18.2 27.2

71 37.4 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: 38.045 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

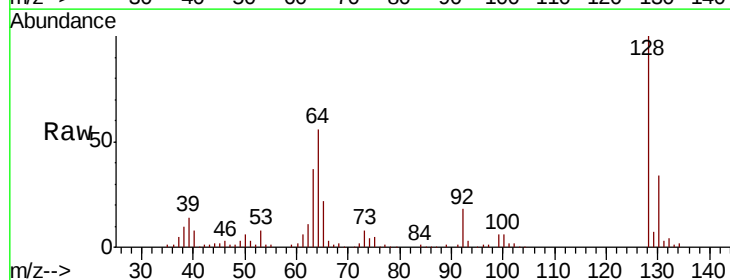
Tgt Ion: 128 Resp: 116367

Ion Ratio Lower Upper

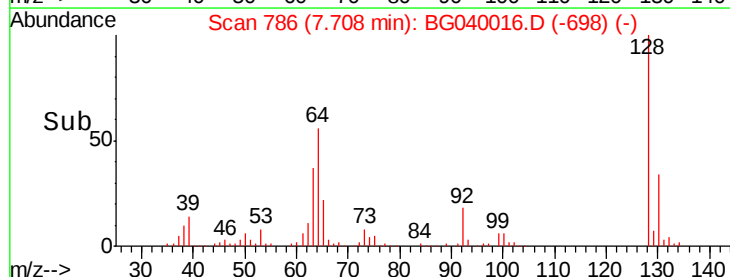
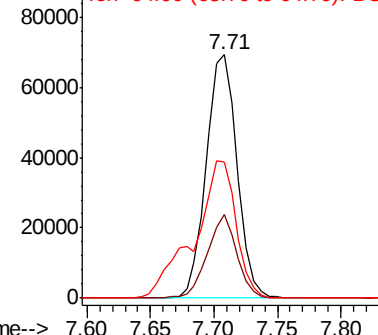
128 100

130 34.4 12.9 52.9

64 55.7 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: 17.930 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

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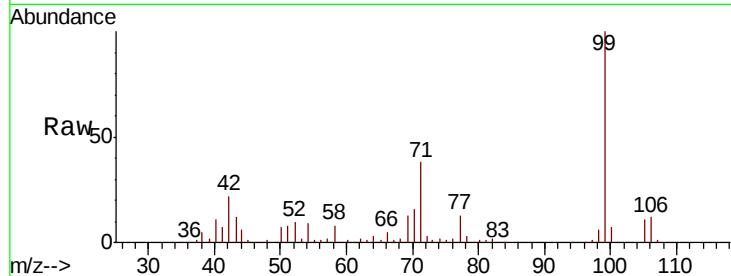
Tgt Ion: 77 Resp: 43479

Ion Ratio Lower Upper

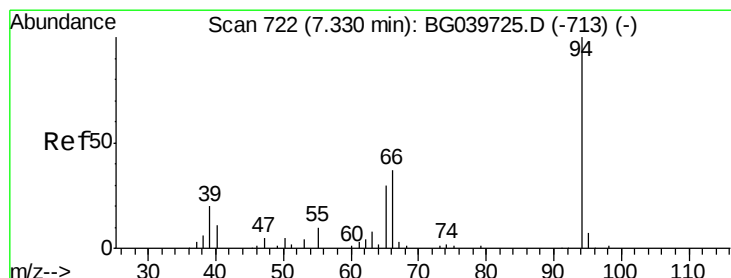
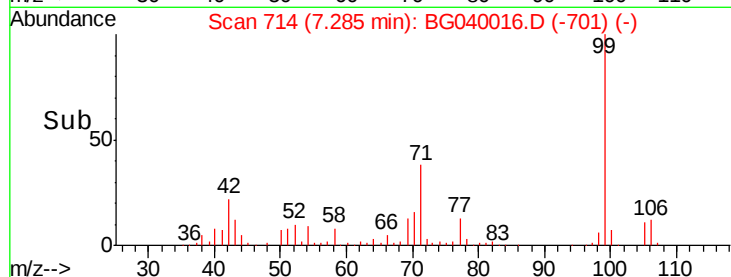
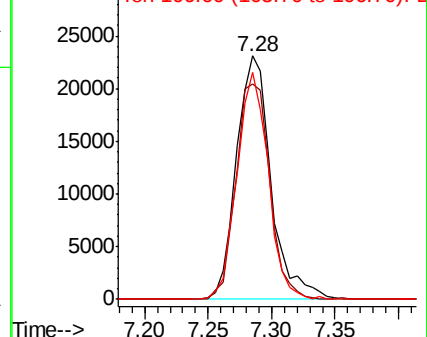
77 100

105 88.5 74.5 114.5

106 93.3 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: 48.919 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

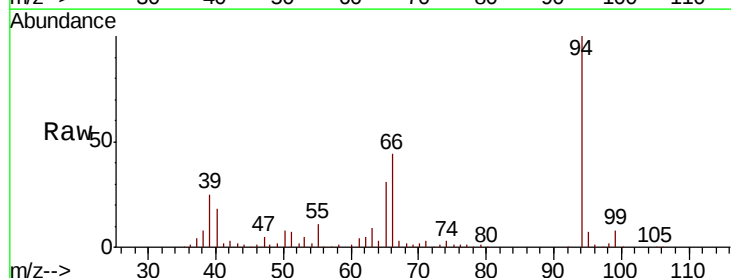
Tgt Ion: 94 Resp: 199222

Ion Ratio Lower Upper

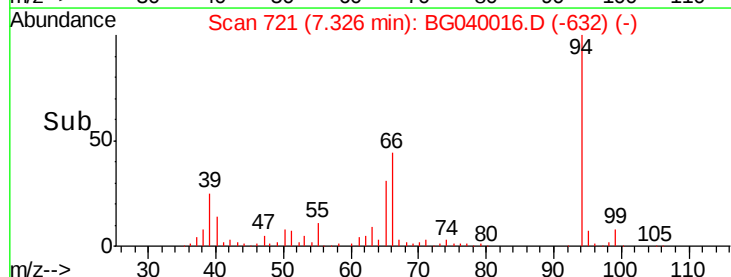
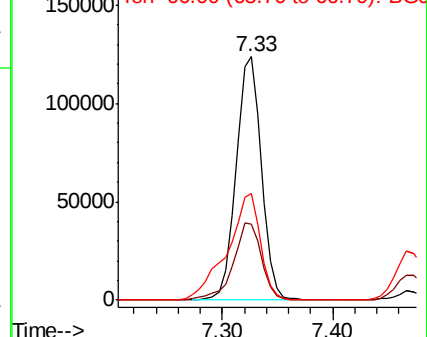
94 100

65 31.4 11.7 51.7

66 43.8 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

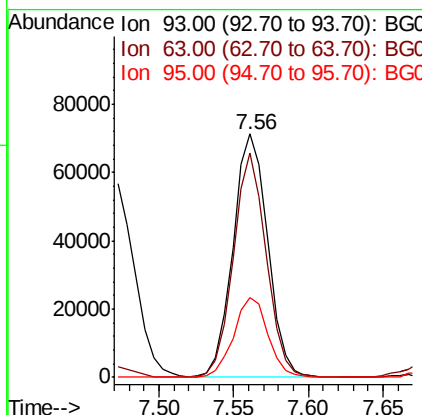
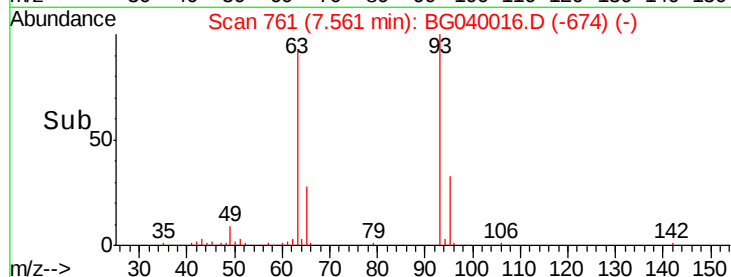
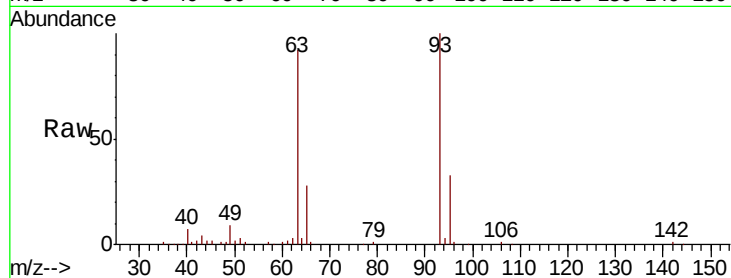




#11
bis(2-Chloroethyl)ether
Concen: 36.106 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

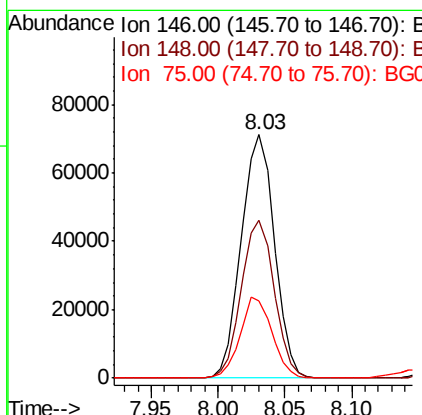
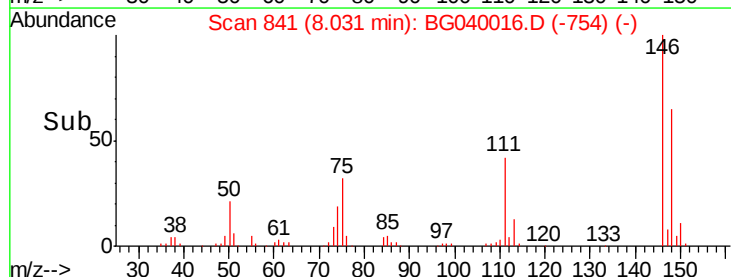
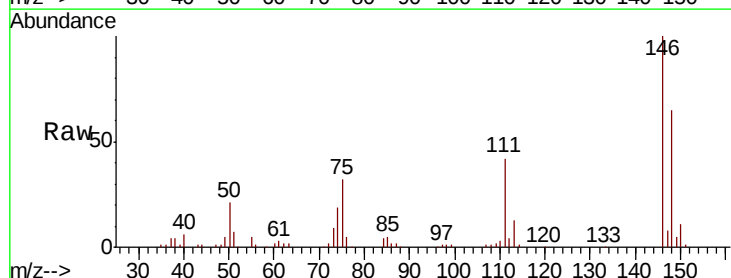
Instrument :
BNA_G
ClientSampleID :
SPMSD

Tgt Ion: 93 Resp: 114643
Ion Ratio Lower Upper
93 100
63 92.2 69.5 109.5
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 35.385 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion: 146 Resp: 122409
Ion Ratio Lower Upper
146 100
148 64.7 52.6 79.0
75 31.6 25.8 38.6

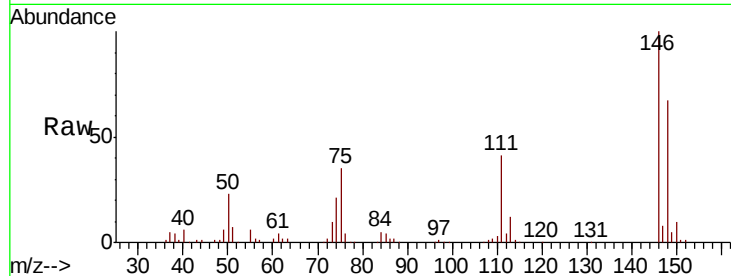




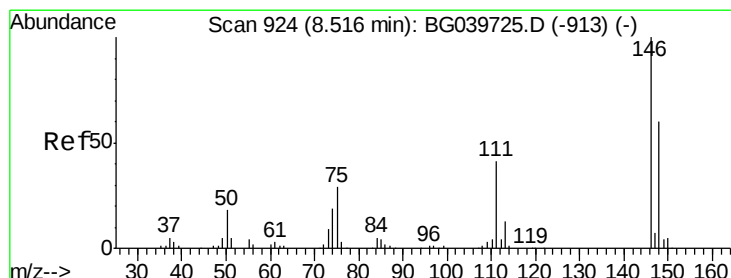
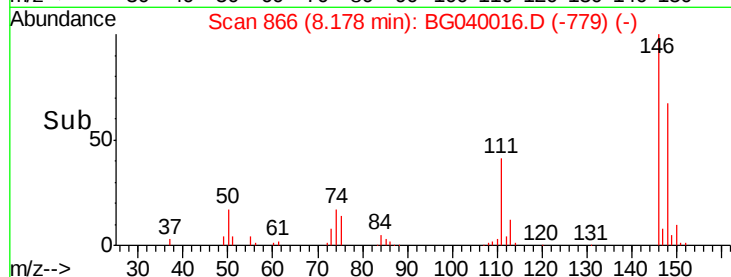
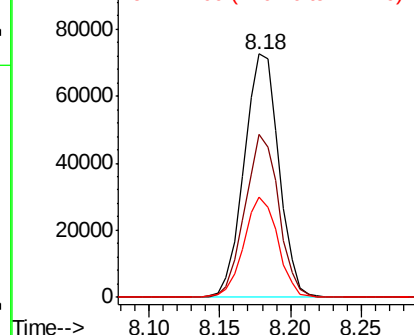
#13
 1,4-Dichlorobenzene
 Concen: 35.527 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion:146 Resp: 125183
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.1 76.7
 111 41.2 32.6 48.8

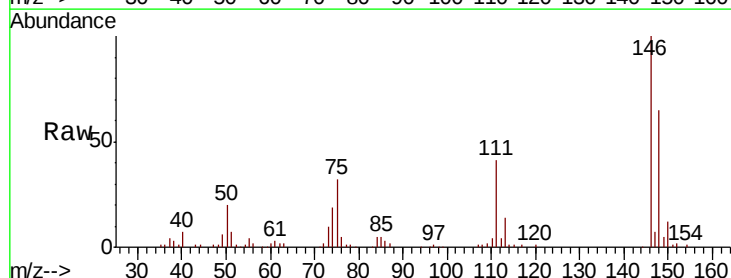


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

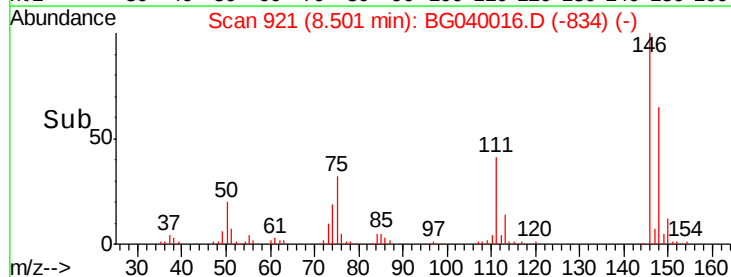
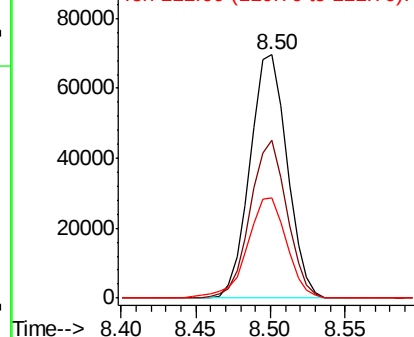


#14
 1,2-Dichlorobenzene
 Concen: 35.172 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:146 Resp: 119741
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.5 77.3
 111 41.0 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: 38.918 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

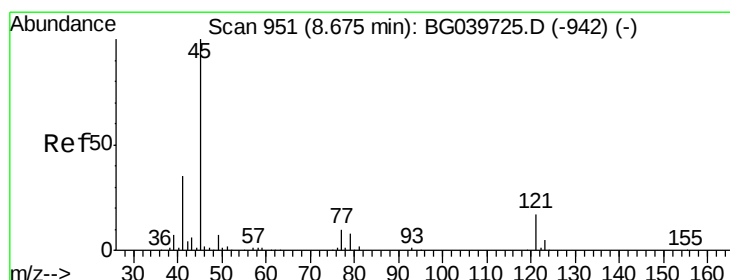
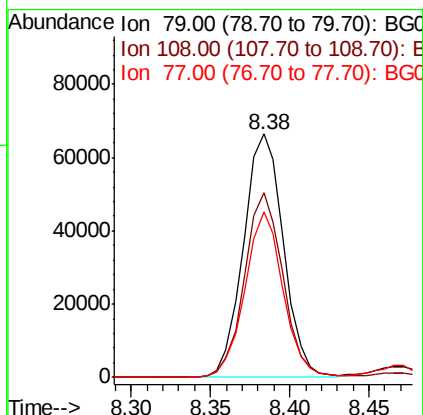
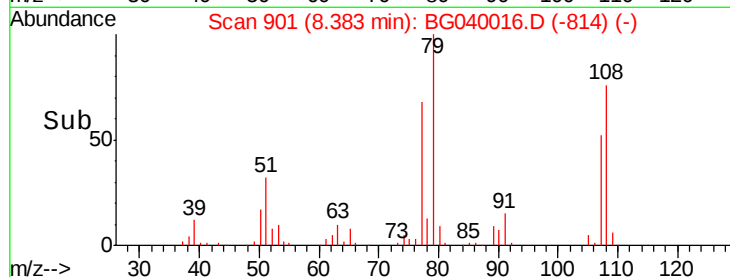
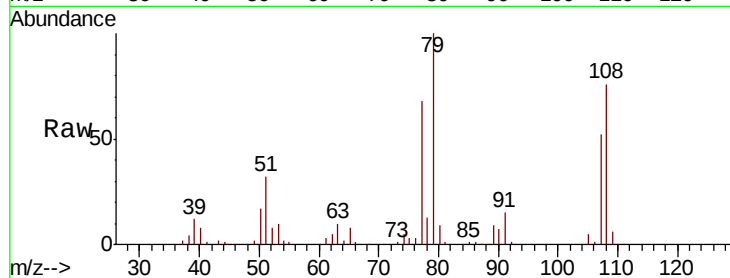
Tgt Ion: 79 Resp: 116054

Ion Ratio Lower Upper

79 100

108 76.1 57.8 86.6

77 67.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.888 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

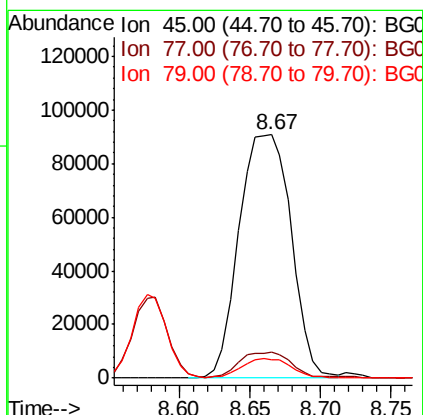
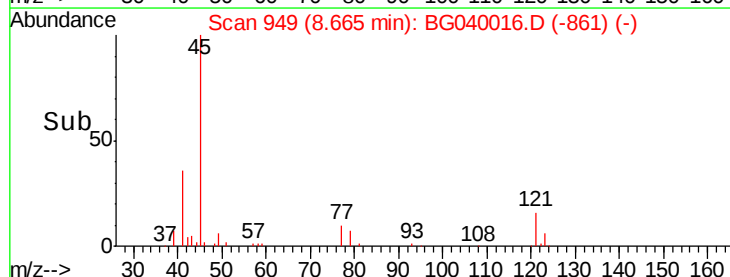
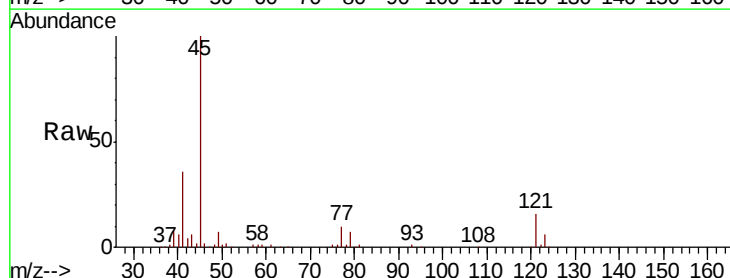
Tgt Ion: 45 Resp: 234253

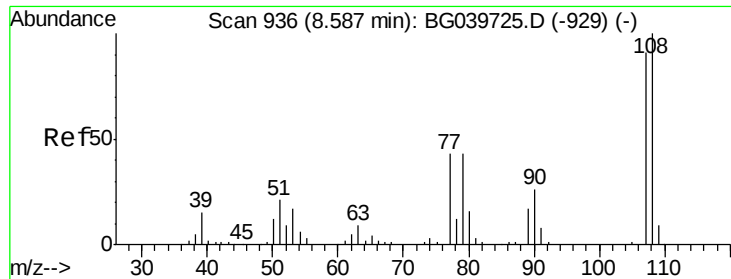
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.0

79 7.5 0.0 27.5

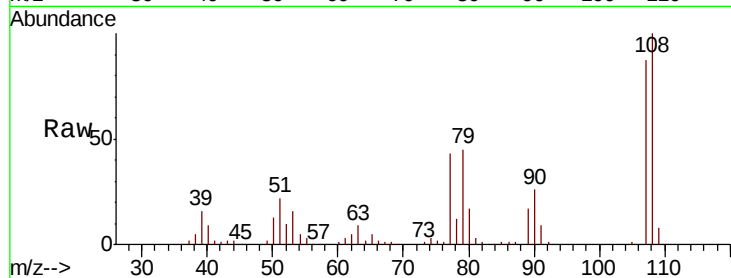




#17
2-Methylphenol
Concen: 40.434 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion:	107	Resp:	104997
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.8	136.2
77	49.2	40.7	61.1
79	51.2	40.6	60.8



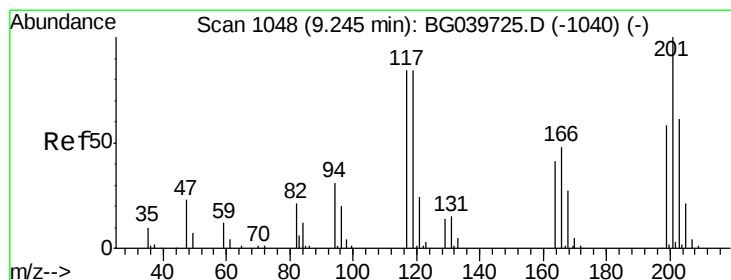
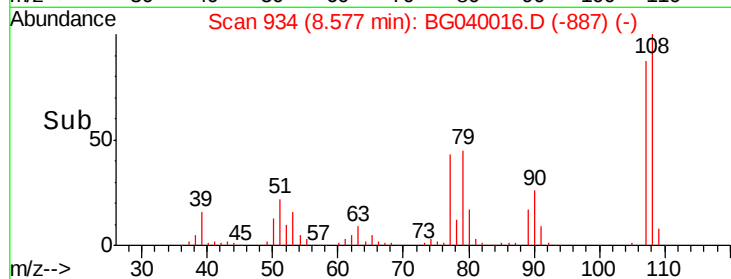
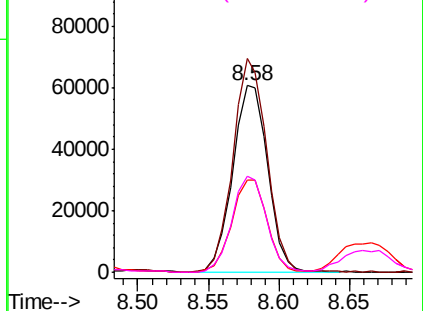
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

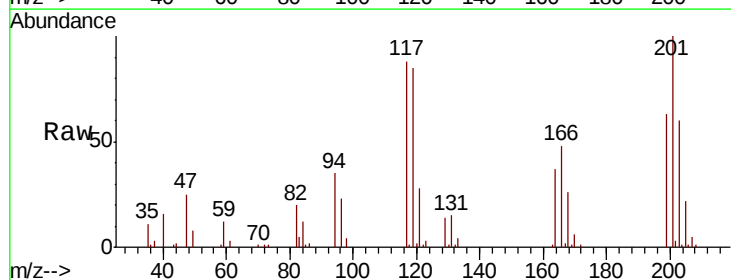
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.870 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:	117	Resp:	45352
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.3	114.5
201	114.0	91.1	136.7

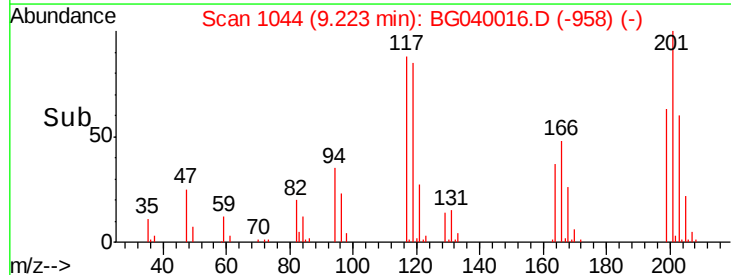
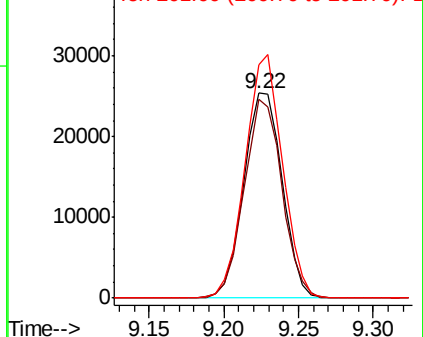


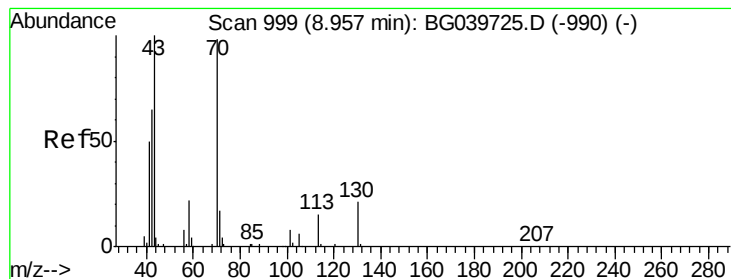
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.739 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tgt Ion: 70 Resp: 96703

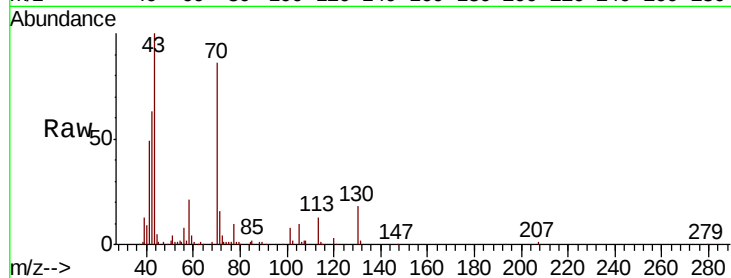
Ion Ratio Lower Upper

70 100

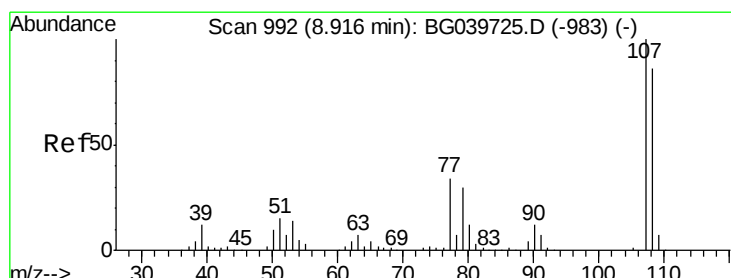
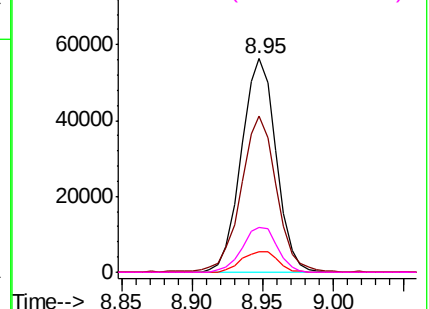
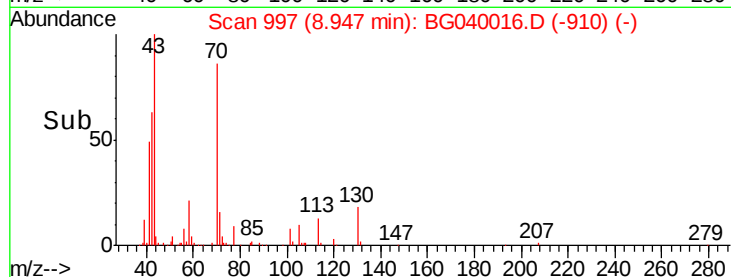
42 73.4 60.4 90.6

101 9.3 7.5 11.3

130 21.2 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: 40.316 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion: 107 Resp: 145441

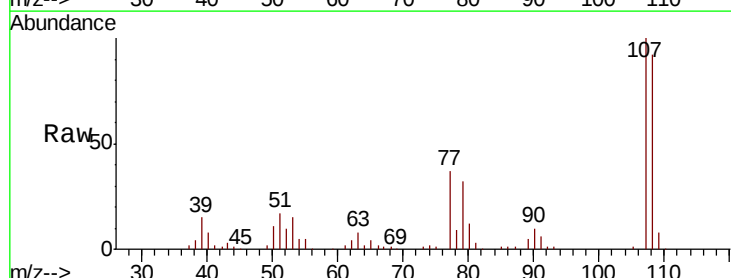
Ion Ratio Lower Upper

107 100

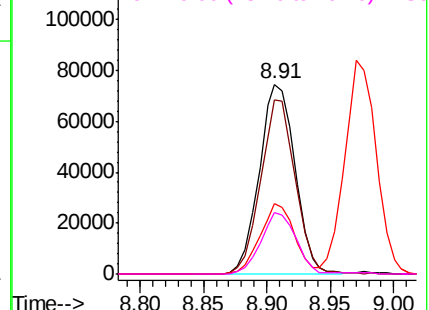
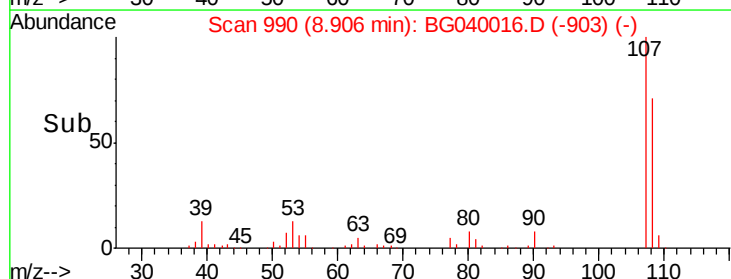
108 91.7 67.9 107.9

77 37.4 15.4 55.4

79 32.0 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

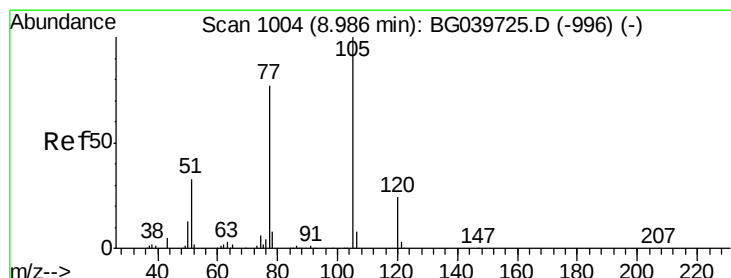
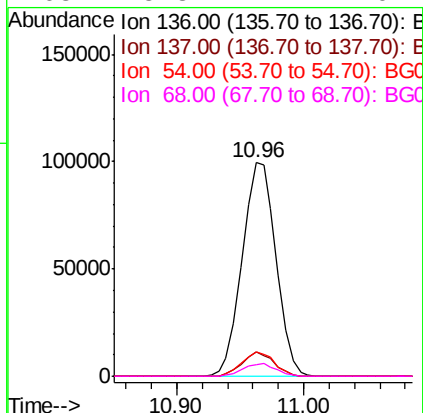
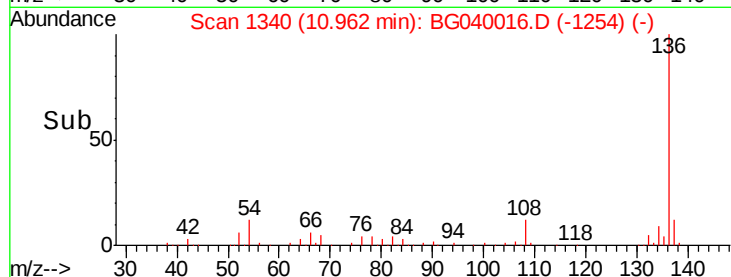
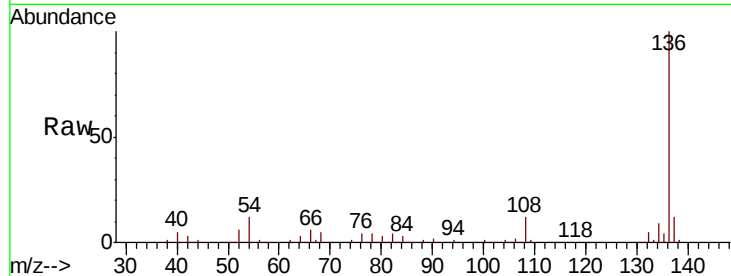




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

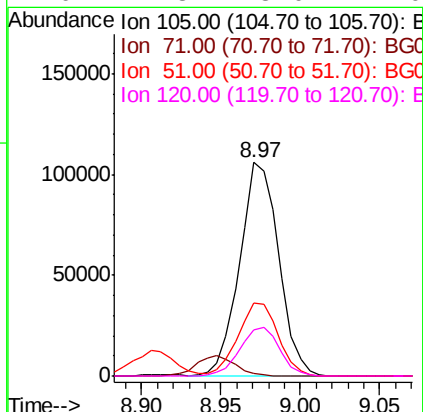
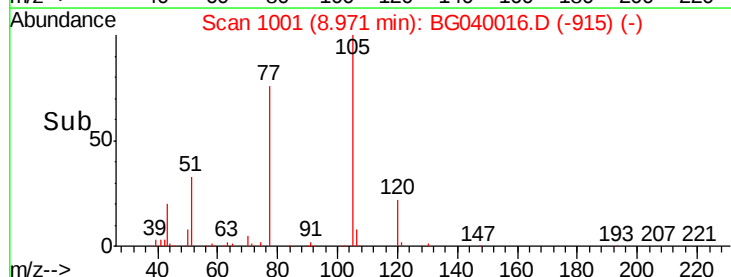
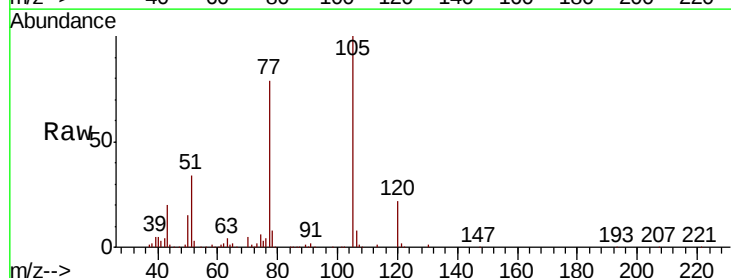
Instrument :
BNA_G
ClientSampleId :
SPMSD

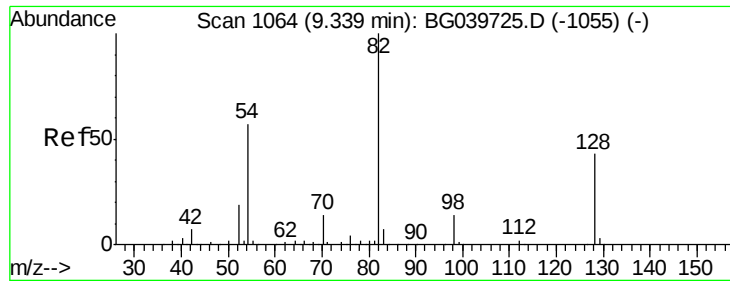
Tgt Ion:	136	Resp:	183968
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.7	9.4	14.2
68	5.3	4.2	6.4



#22
Acetophenone
Concen: 36.853 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:	105	Resp:	181969
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.8	1.2
51	34.0	30.2	45.2
120	21.8	18.0	27.0

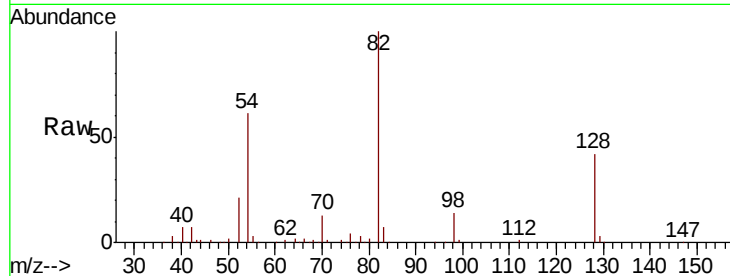




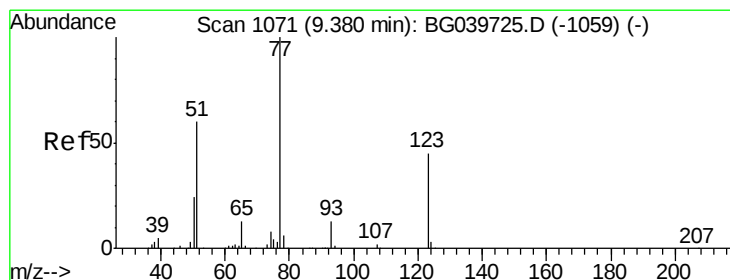
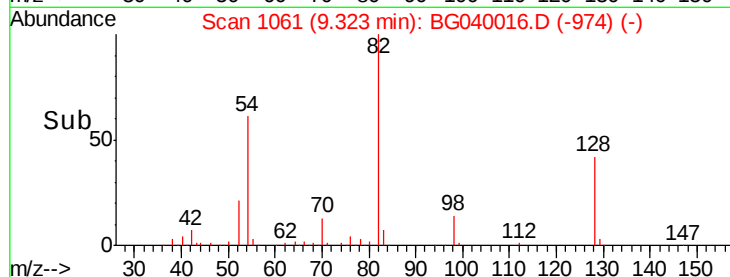
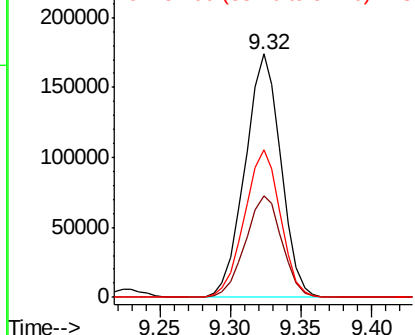
#23
 Nitrobenzene-d5
 Concen: 90.997 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tgt Ion: 82 Resp: 309528
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.3 46.9
 54 60.8 50.9 76.3

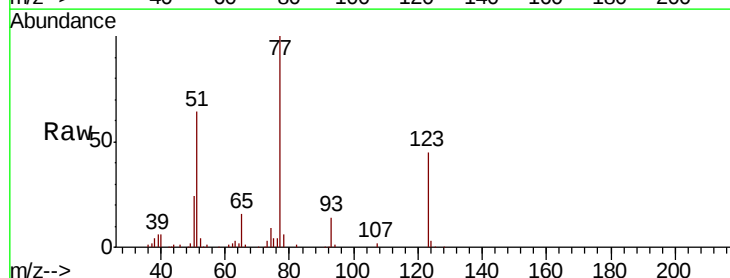


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

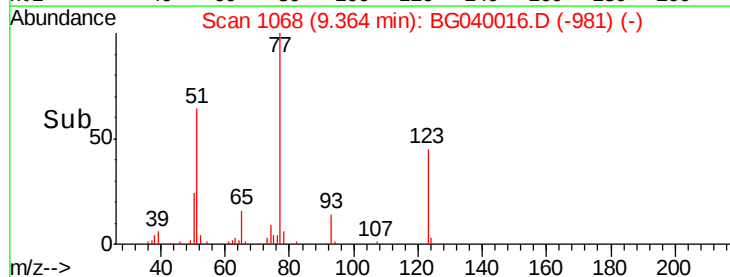
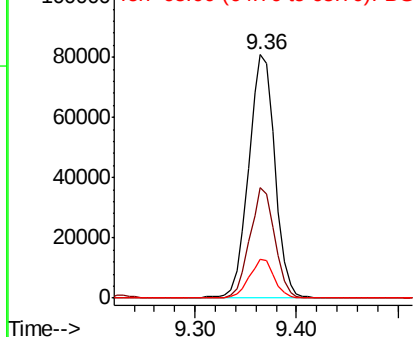


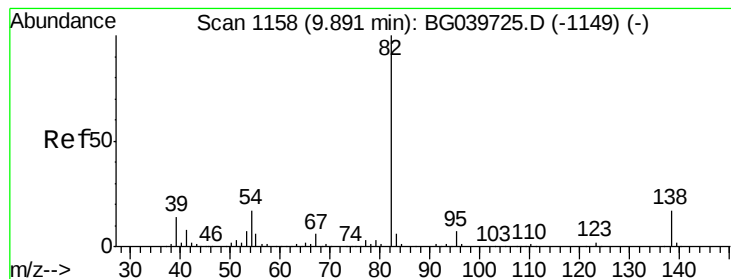
#24
 Nitrobenzene
 Concen: 40.495 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion: 77 Resp: 144505
 Ion Ratio Lower Upper
 77 100
 123 45.4 34.1 51.1
 65 16.0 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.143 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

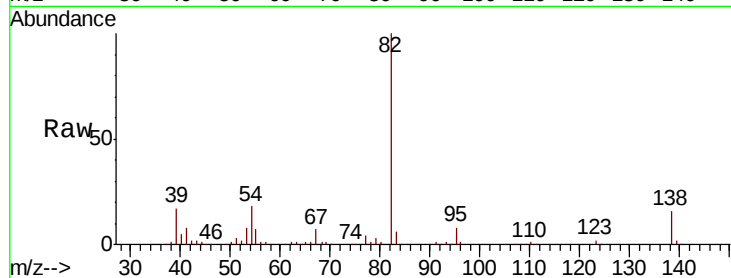
Tgt Ion: 82 Resp: 278982

Ion Ratio Lower Upper

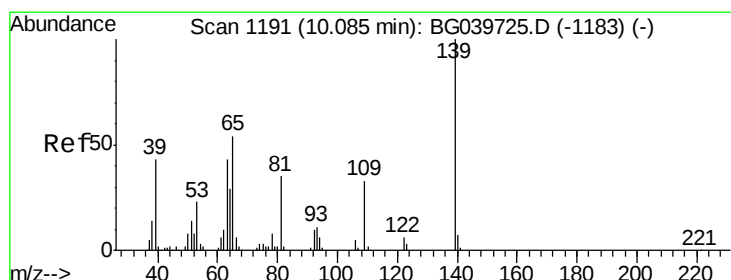
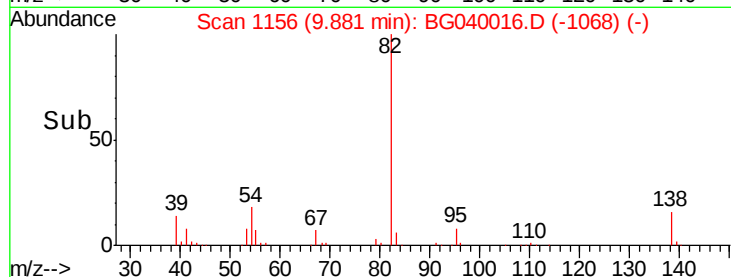
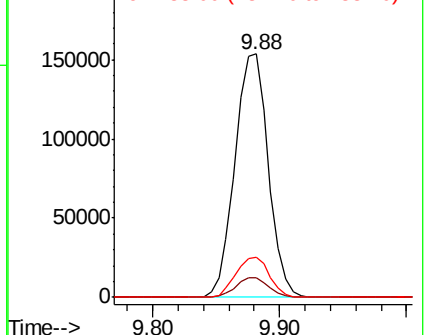
82 100

95 8.1 6.2 9.2

138 16.2 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: 40.122 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

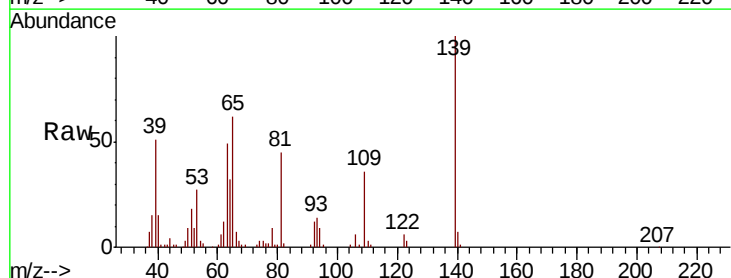
Tgt Ion: 139 Resp: 69126

Ion Ratio Lower Upper

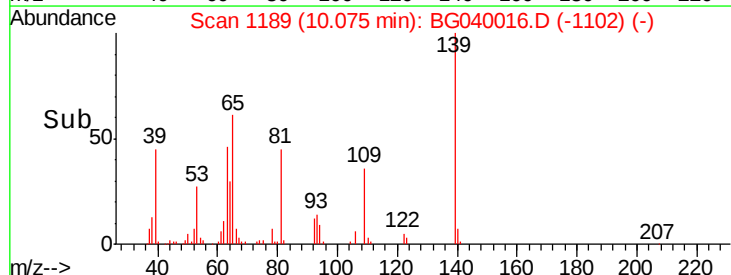
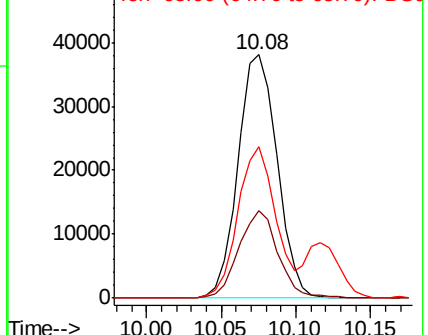
139 100

109 35.7 23.4 35.0#

65 62.4 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

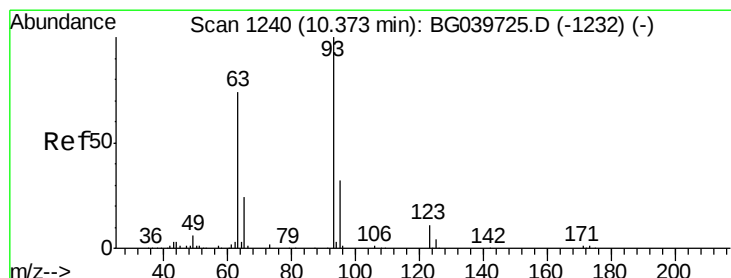
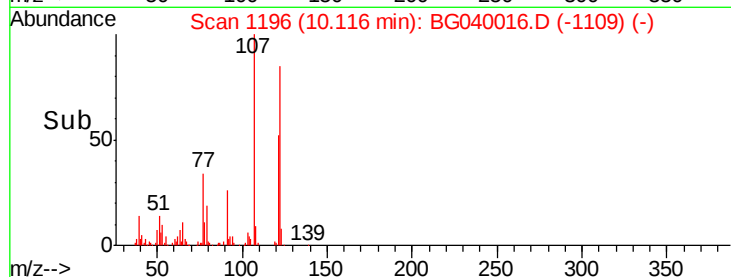
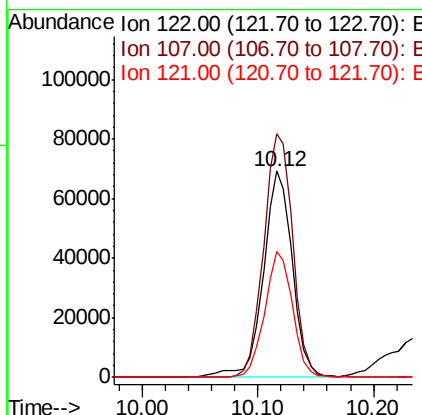
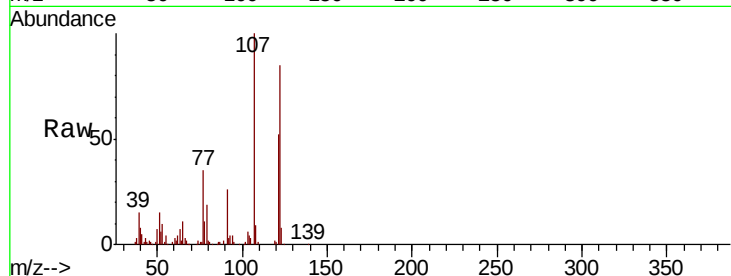




#27
2,4-Dimethylphenol
Concen: 45.300 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

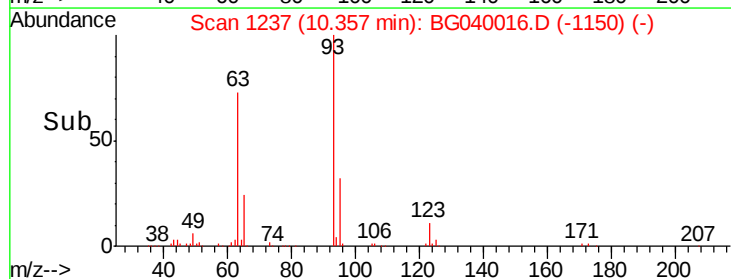
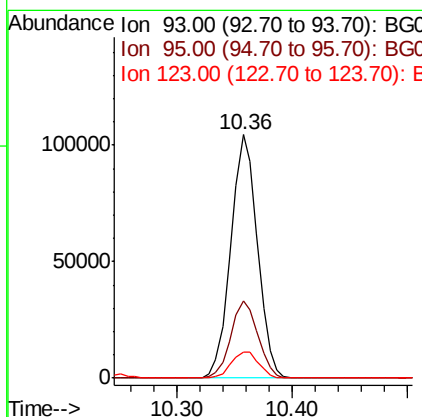
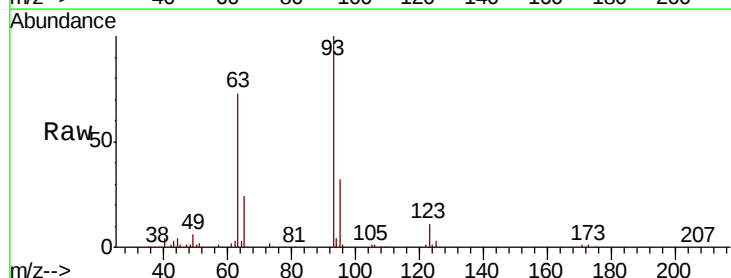
Instrument :
BNA_G
ClientSampleId :
SPMSD

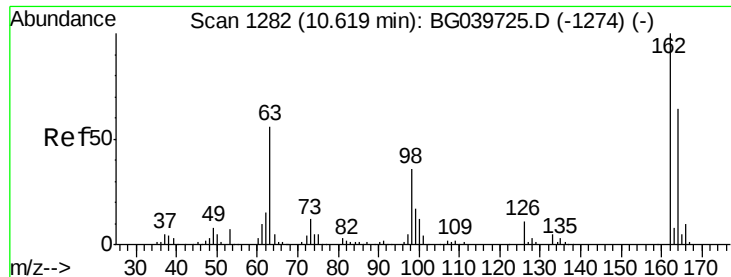
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.7	137.5
121	61.2	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.466 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.0	37.4
123	10.6	8.6	12.8

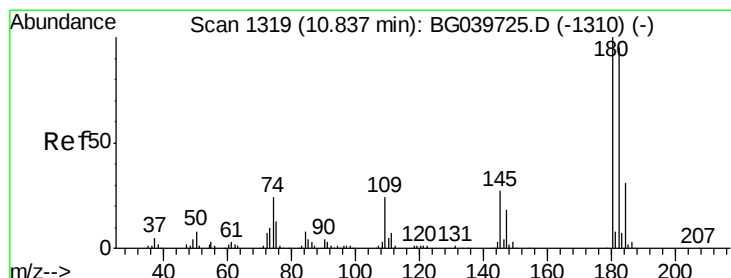
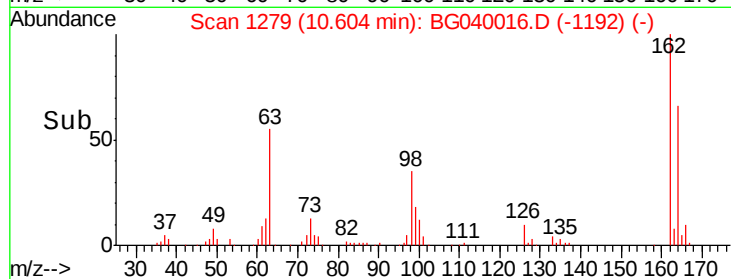
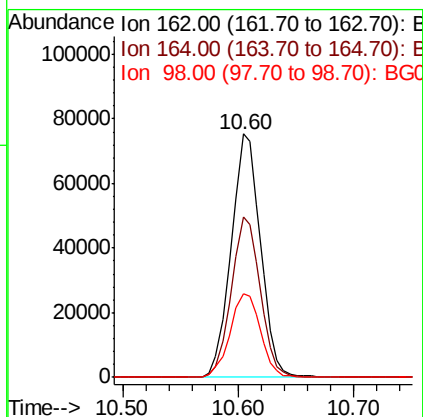
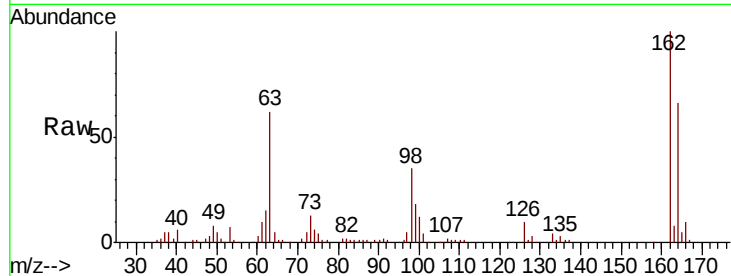




#29
 2,4-Dichlorophenol
 Concen: 43.822 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

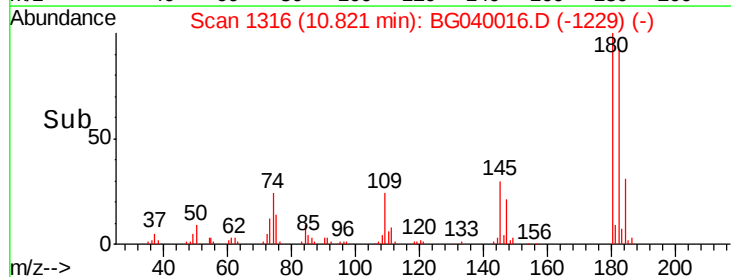
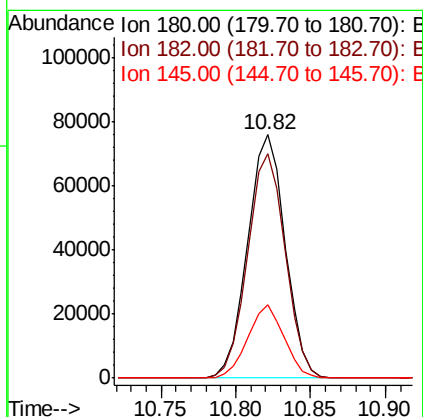
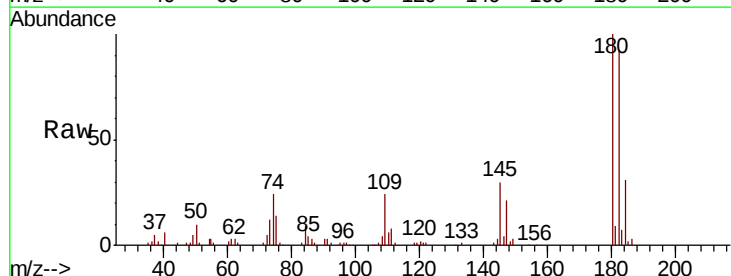
Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

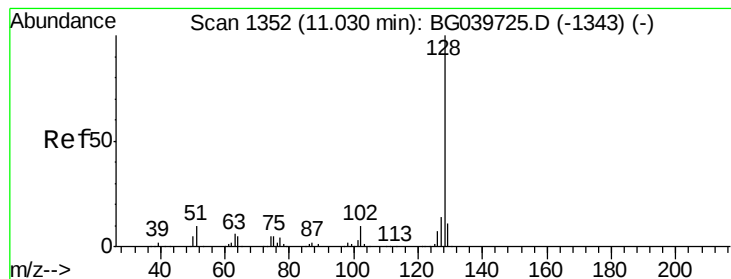
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.1	88.1
98	34.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.880 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.0	114.0
145	30.1	22.7	34.1





#31

Naphthalene

Concen: 38.163 ng

RT: 11.02 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

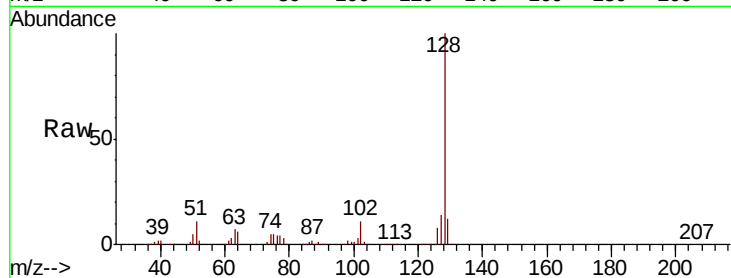
Tgt Ion:128 Resp: 371717

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

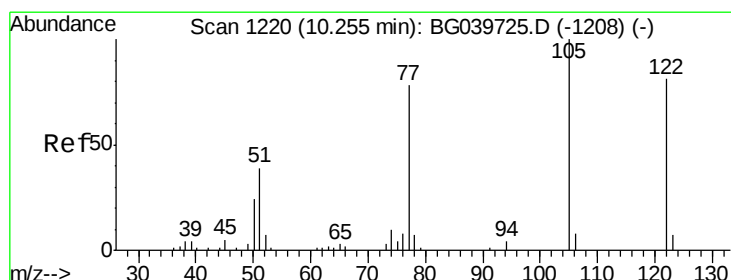
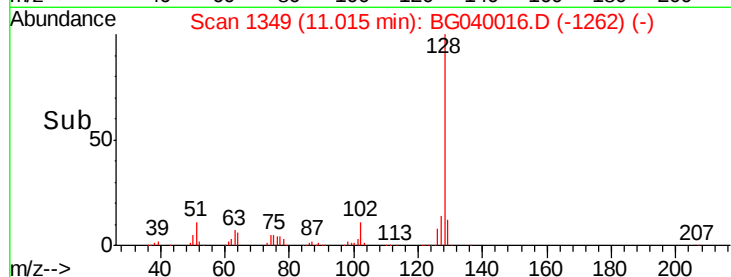
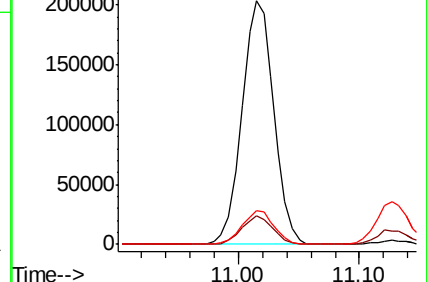
127 14.1 10.8 16.2



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: 32.760 ng

RT: 10.25 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

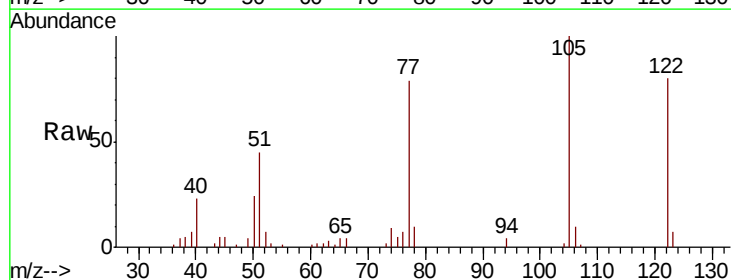
Tgt Ion:122 Resp: 55804

Ion Ratio Lower Upper

122 100

105 124.8 101.8 141.8

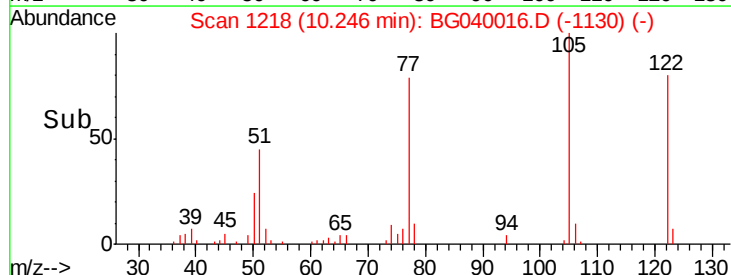
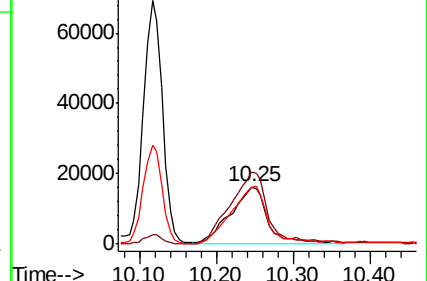
77 98.9 76.3 116.3



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

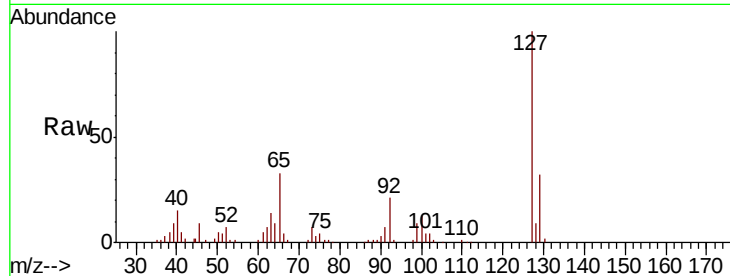




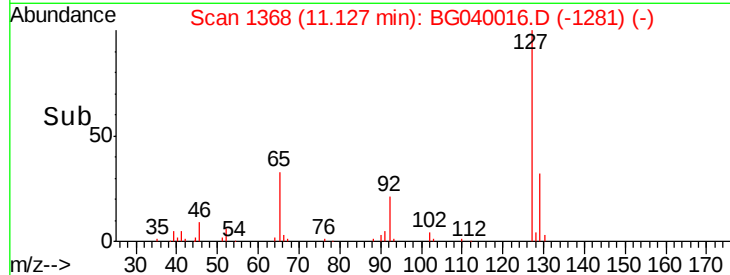
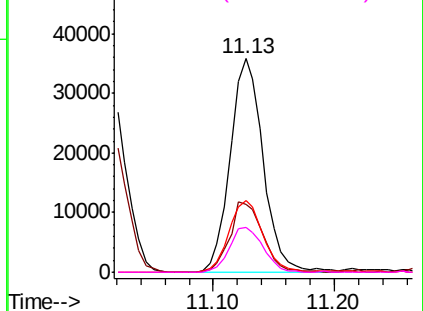
#33
4-Chloroaniline
Concen: 16.509 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion:	127	Resp:	68186
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.4
65	33.3	28.8	43.2
92	21.3	16.6	25.0

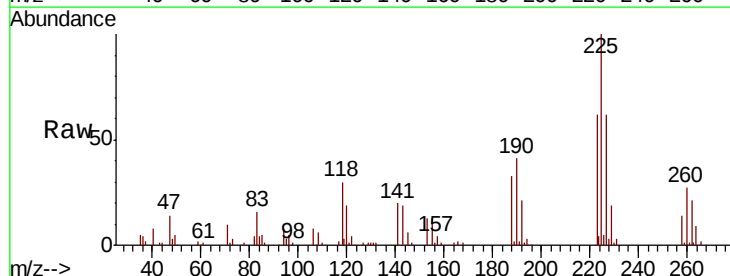


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

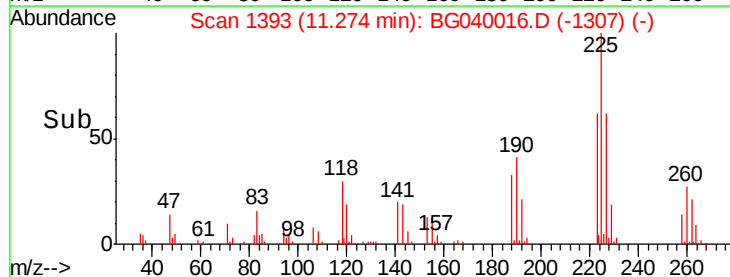
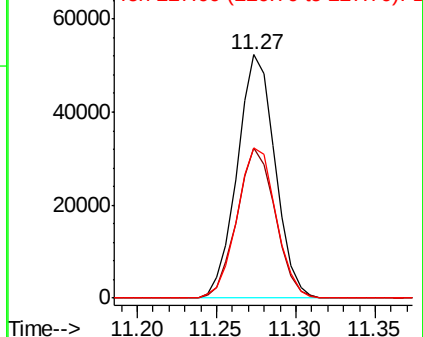


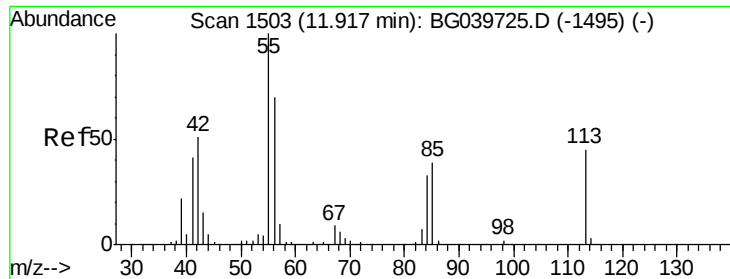
#34
Hexachlorobutadiene
Concen: 37.349 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:	225	Resp:	86643
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.6
227	61.6	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

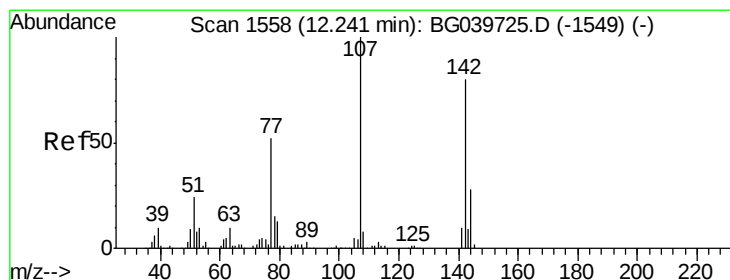
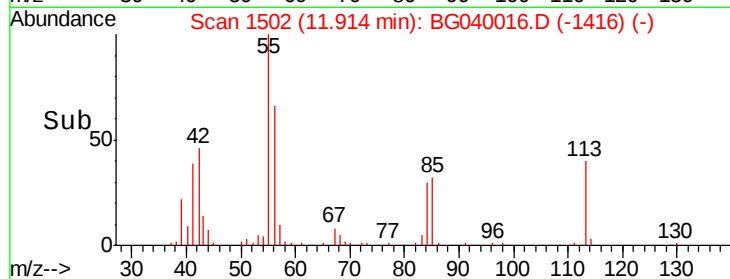
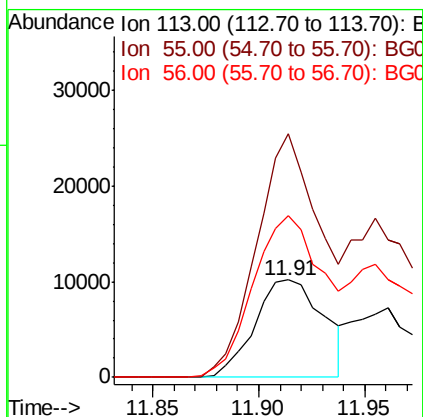
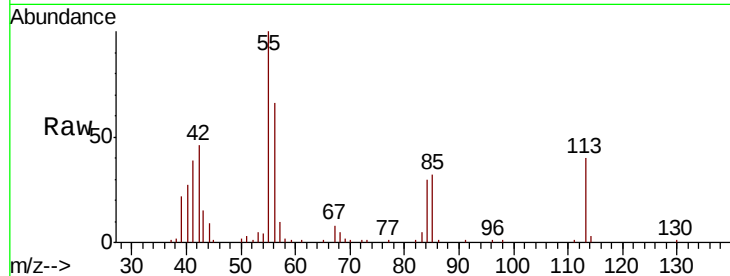




#35
Caprolactam
Concen: 20.007 ng
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

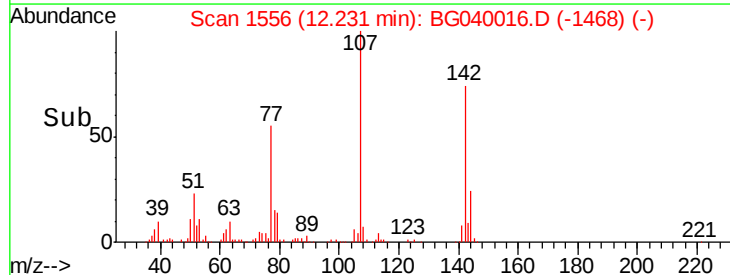
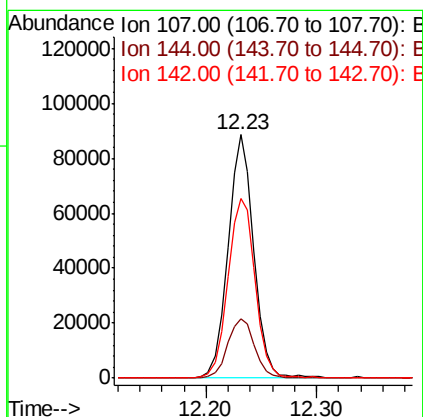
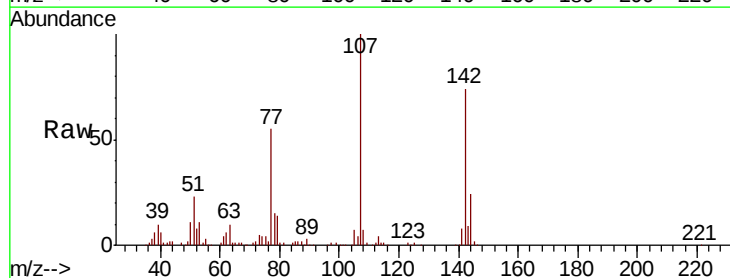
Instrument :
BNA_G
ClientSampled :
SPMSD

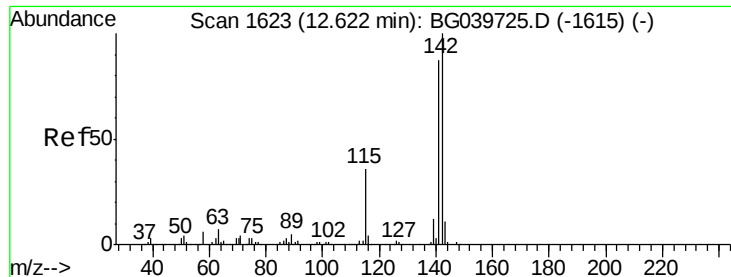
Tgt Ion:113 Resp: 23057
Ion Ratio Lower Upper
113 100
55 250.8 216.9 256.9
56 166.4 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 41.613 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:107 Resp: 143912
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 73.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.177 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

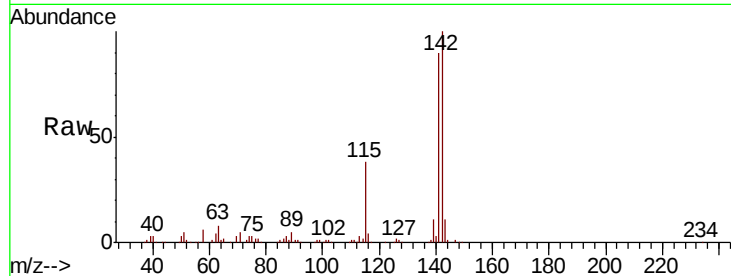
Tgt Ion:142 Resp: 285291

Ion Ratio Lower Upper

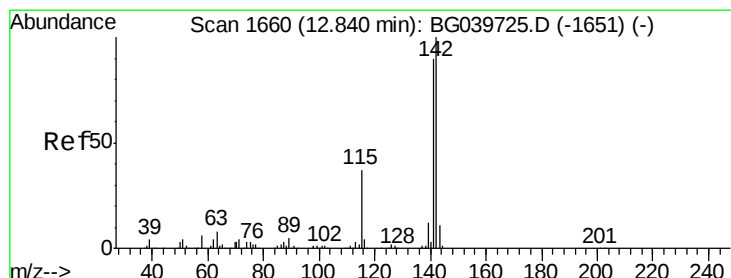
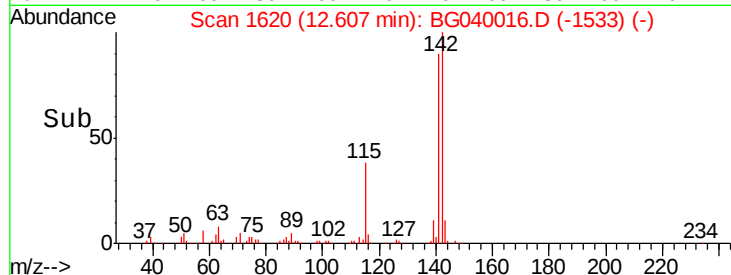
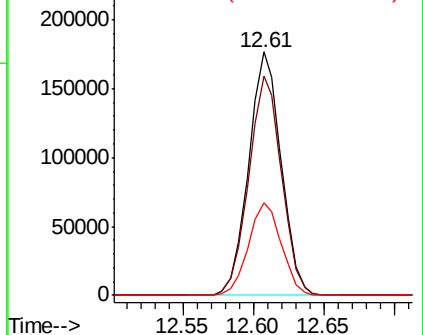
142 100

141 90.2 73.5 110.3

115 37.9 30.8 46.2



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



#38

1-Methylnaphthalene

Concen: 38.561 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

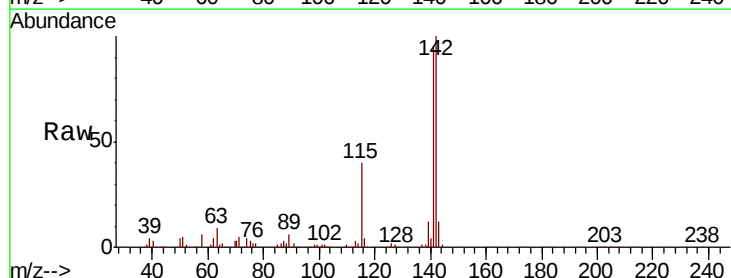
Tgt Ion:142 Resp: 272889

Ion Ratio Lower Upper

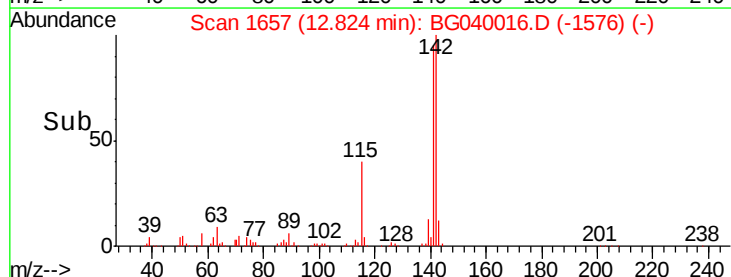
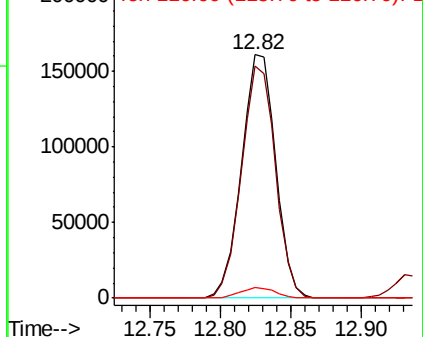
142 100

141 95.3 74.2 111.4

116 4.4 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

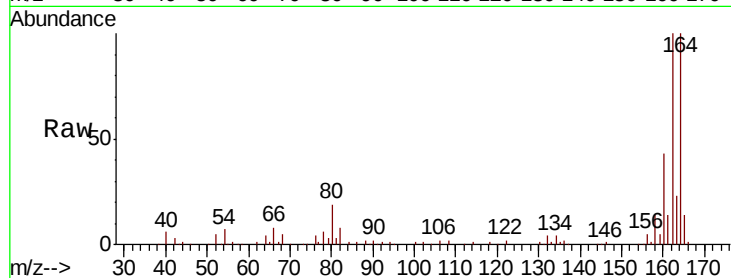
Tgt Ion:164 Resp: 124570

Ion Ratio Lower Upper

164 100

162 100.2 81.6 122.4

160 42.9 34.2 51.2

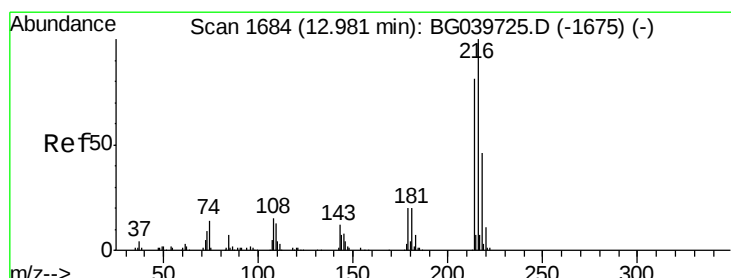
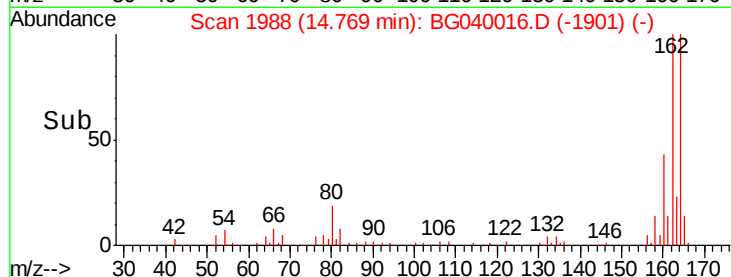
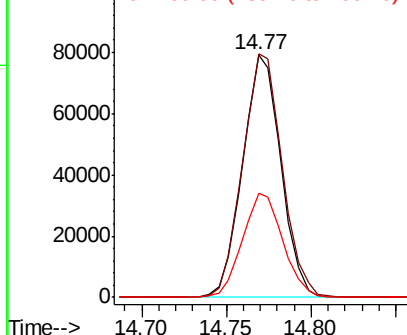


Abundance

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: 38.168 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:216 Resp: 161074

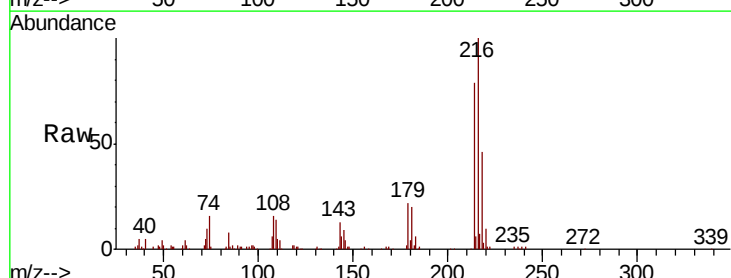
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.8 16.6 25.0

108 18.9 14.0 21.0



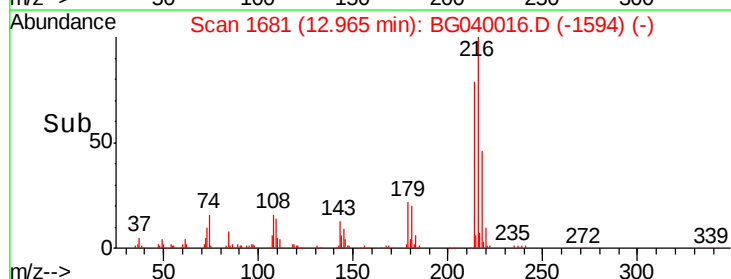
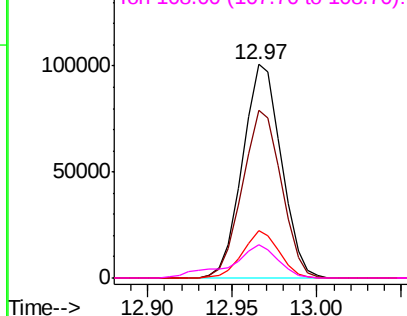
Abundance

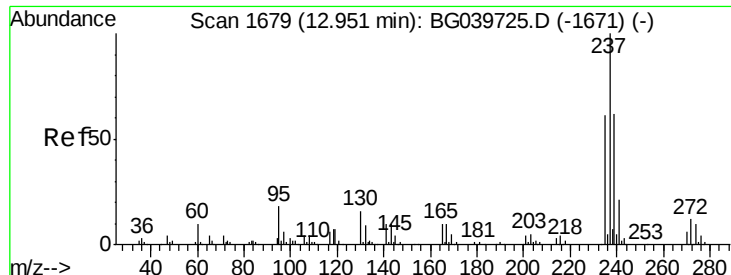
Ion 216.00 (215.70 to 216.70): E

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: 94.923 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

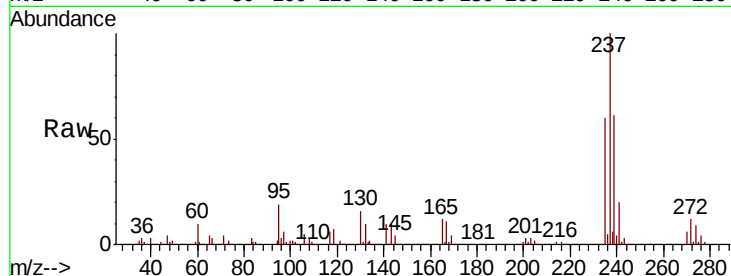
Tgt Ion: 237 Resp: 214676

Ion Ratio Lower Upper

237 100

235 59.9 43.3 83.3

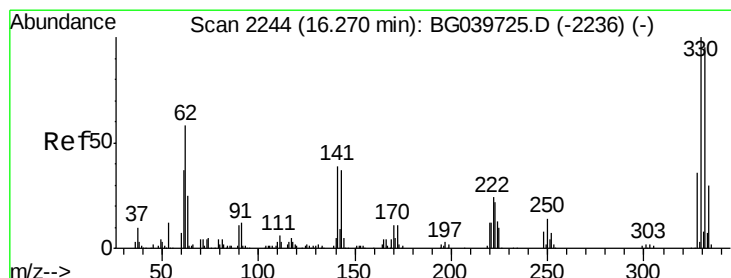
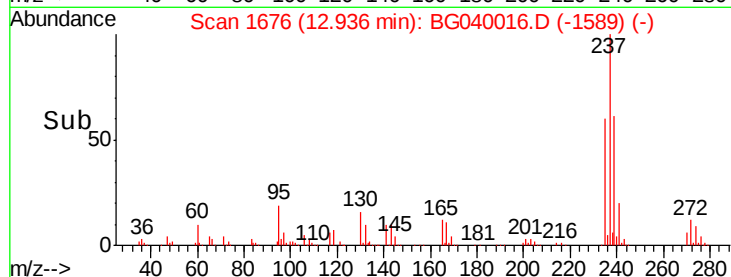
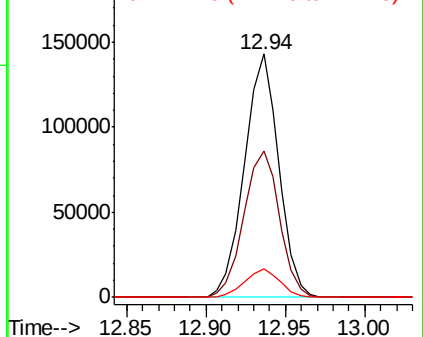
272 11.9 0.0 32.3



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: 135.995 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

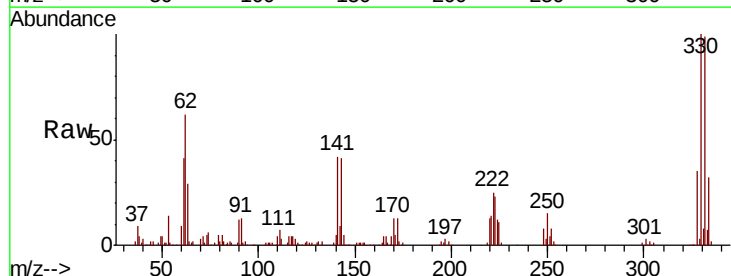
Tgt Ion: 330 Resp: 197459

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

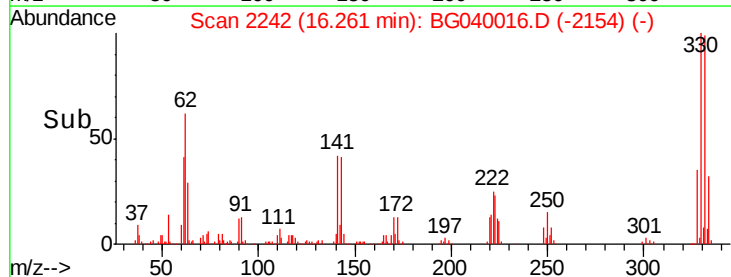
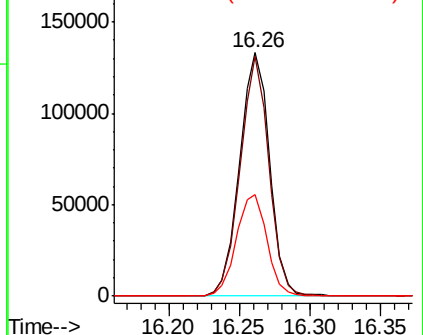
141 42.6 35.6 53.4

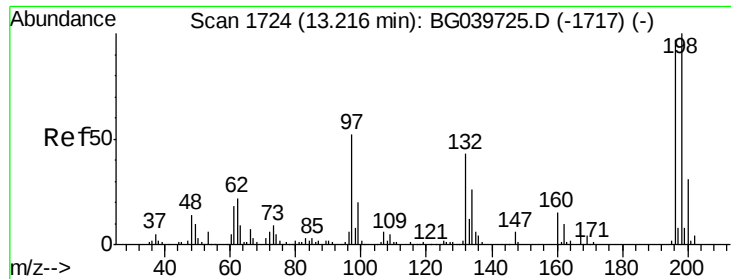


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

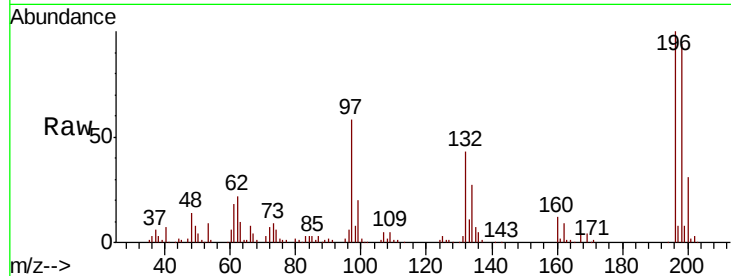




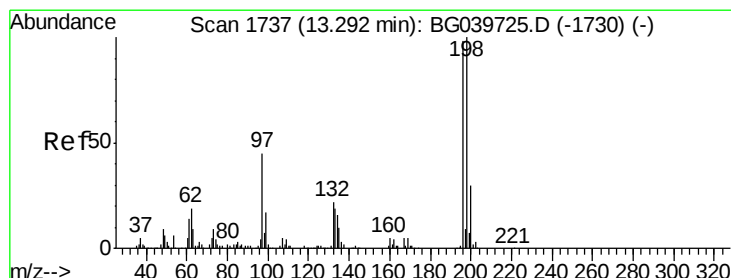
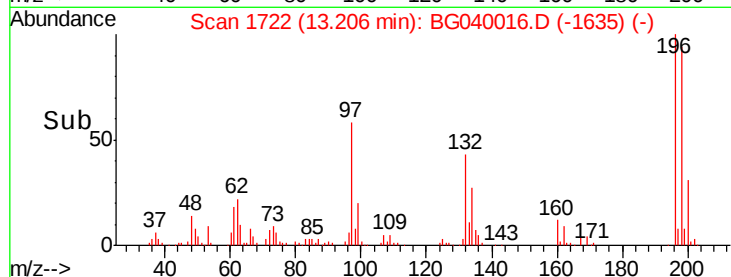
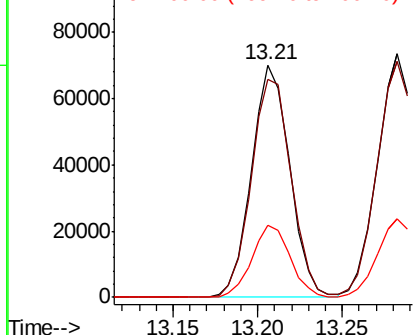
#43
 2,4,6-Trichlorophenol
 Concen: 44.607 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleID :
 SPMSD

Tgt Ion:196 Resp: 110209
 Ion Ratio Lower Upper
 196 100
 198 93.6 80.6 121.0
 200 31.3 26.1 39.1

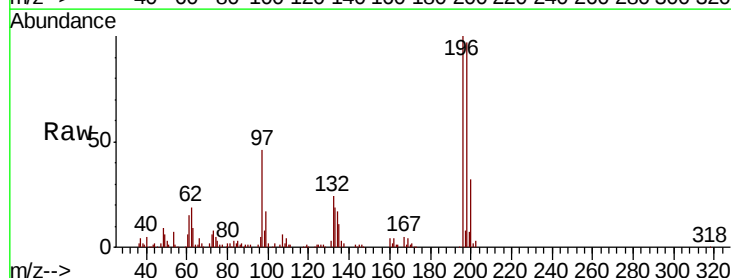


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

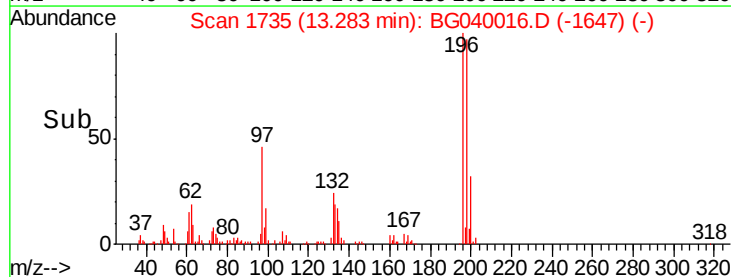
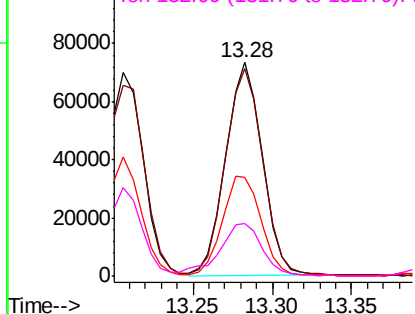


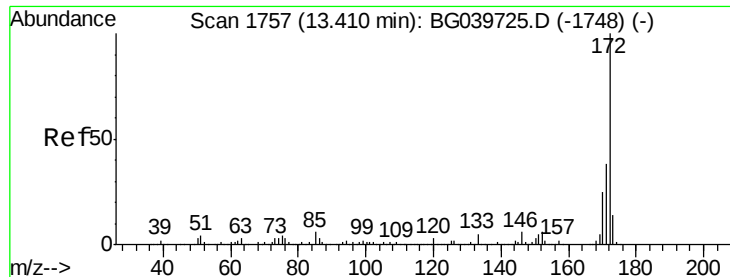
#44
 2,4,5-Trichlorophenol
 Concen: 41.947 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:196 Resp: 116819
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.5 117.7
 97 46.0 38.4 57.6
 132 24.4 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

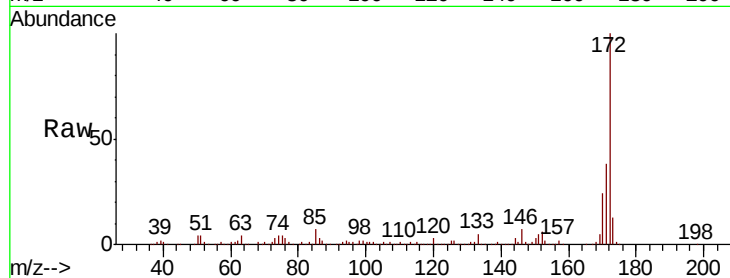




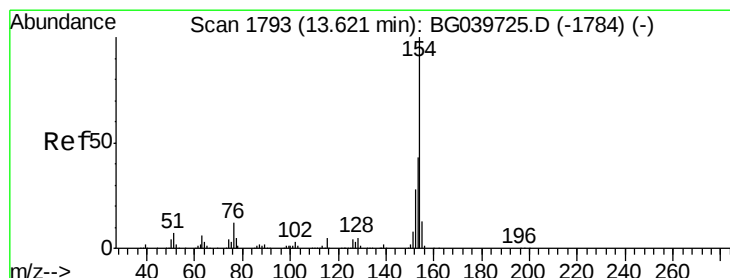
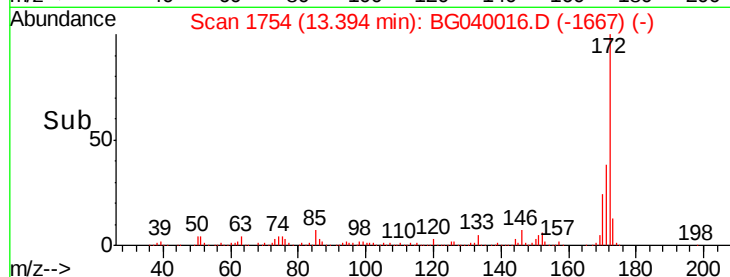
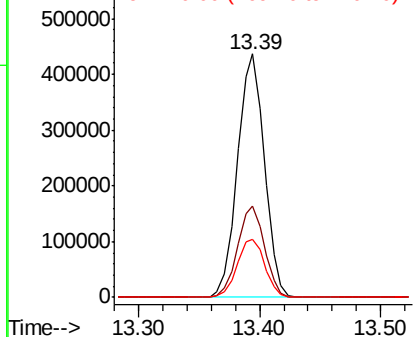
#45
 2-Fluorobiphenyl
 Concen: 77.454 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleID :
 SPMSD

Tgt Ion:	172	Resp:	677639
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	23.9	20.2	30.4

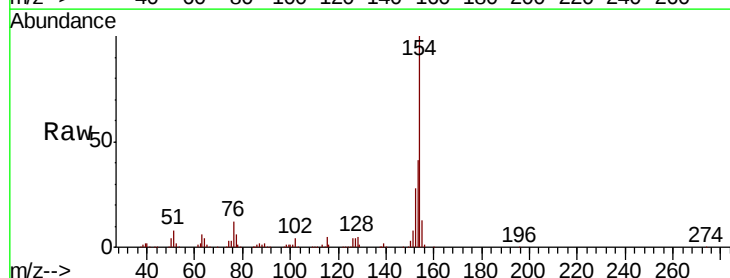


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

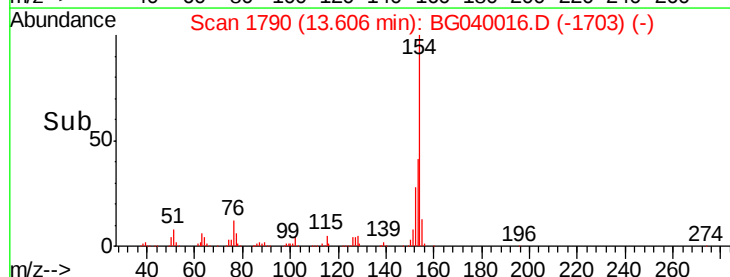
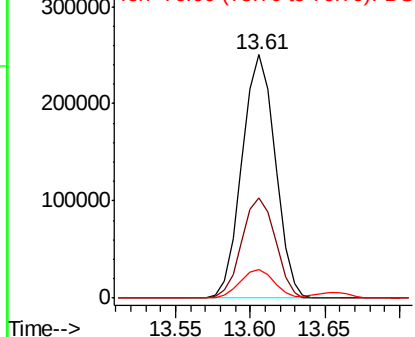


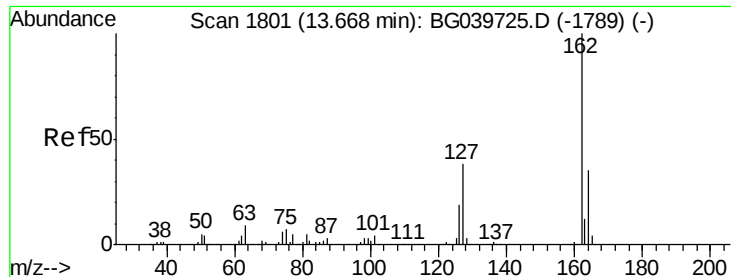
#46
 1,1'-Biphenyl
 Concen: 37.884 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:	154	Resp:	388150
Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	11.8	0.0	32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

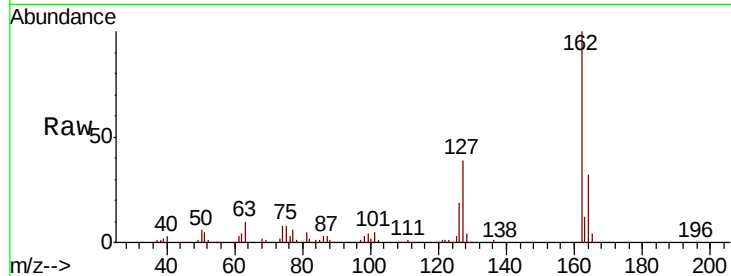




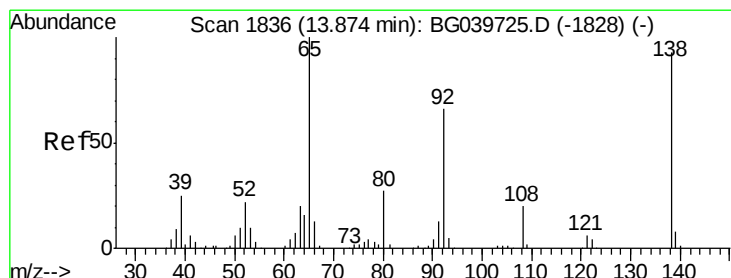
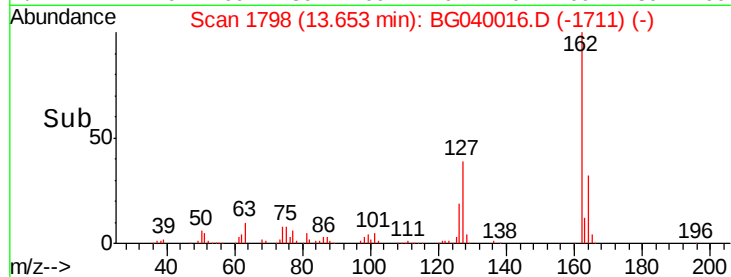
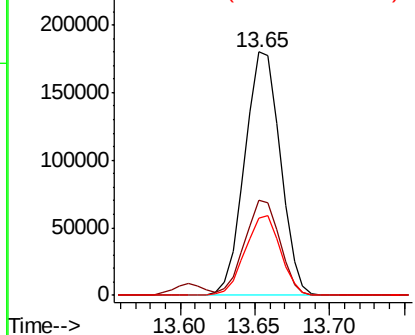
#47
 2-Chloronaphthalene
 Concen: 38.586 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion: 162 Resp: 297413
 Ion Ratio Lower Upper
 162 100
 127 39.3 31.0 46.6
 164 31.9 25.7 38.5

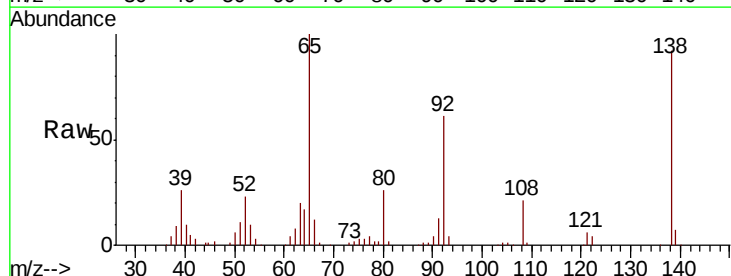


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

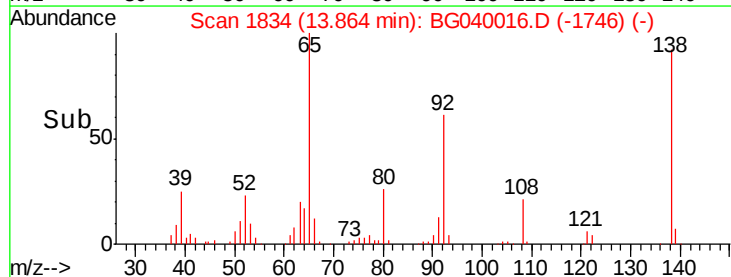
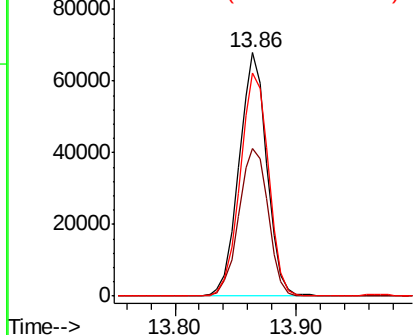


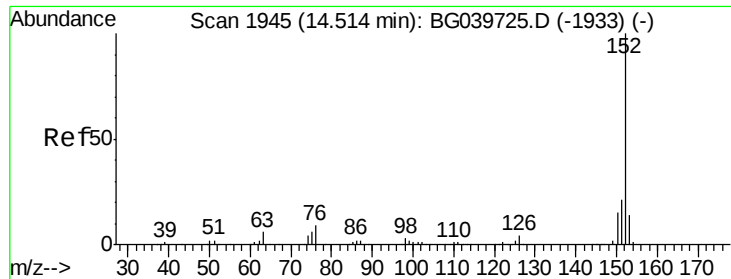
#48
 2-Nitroaniline
 Concen: 43.885 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion: 65 Resp: 108705
 Ion Ratio Lower Upper
 65 100
 92 60.9 51.4 77.2
 138 91.6 71.4 107.2



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





#49

Acenaphthylene

Concen: 38.089 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

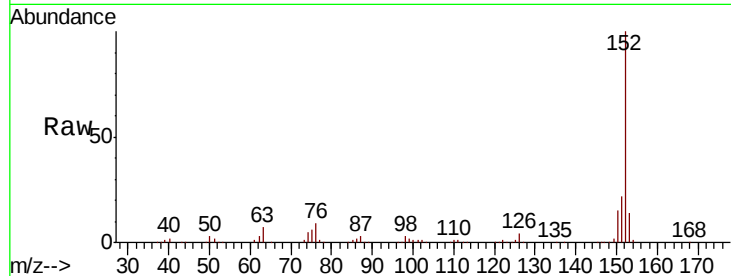
Tgt Ion:152 Resp: 481945

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

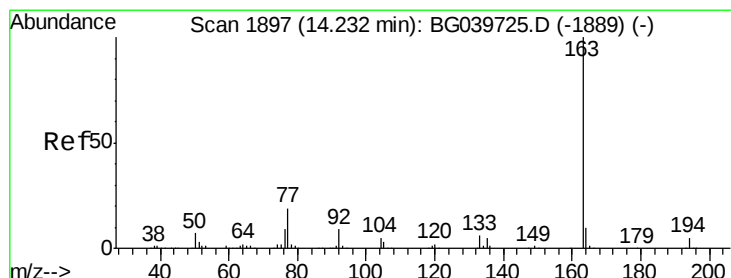
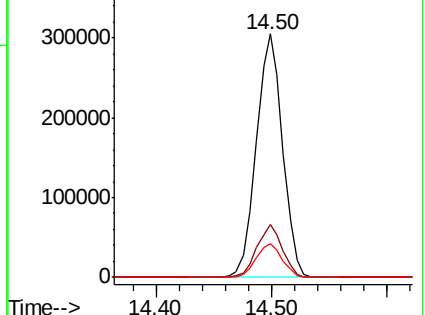
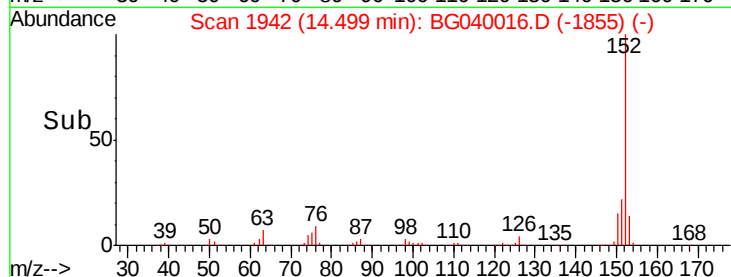
153 14.1 11.7 17.5



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: 46.827 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

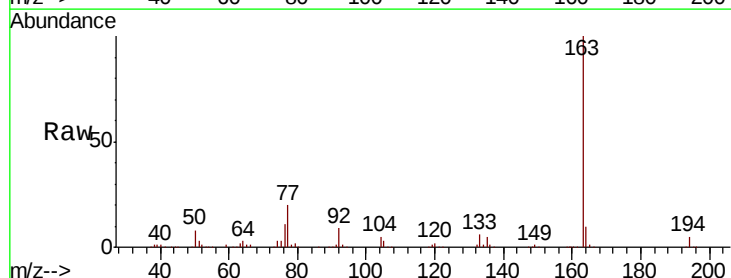
Tgt Ion:163 Resp: 487771

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

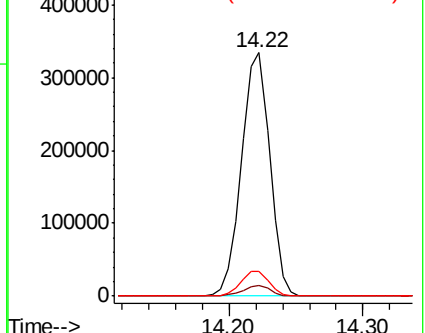
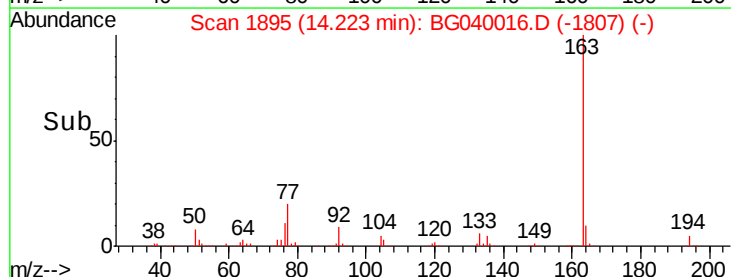
164 10.4 8.4 12.6

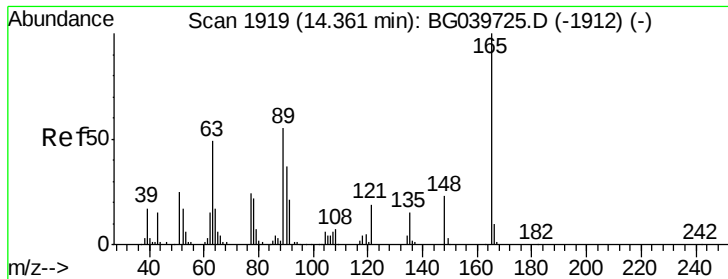


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.736 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

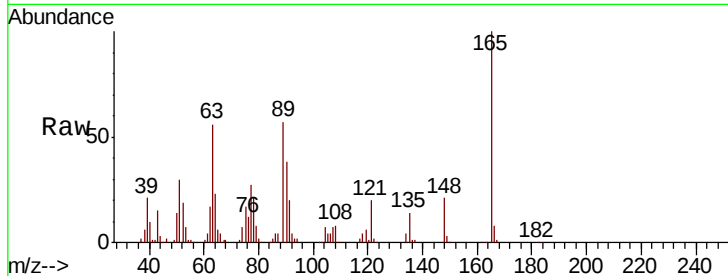
Tgt Ion:165 Resp: 89954

Ion Ratio Lower Upper

165 100

63 55.7 47.0 70.6

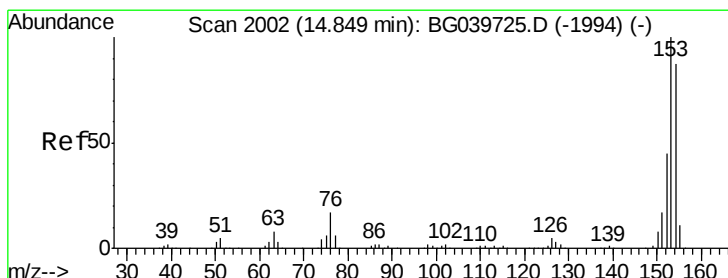
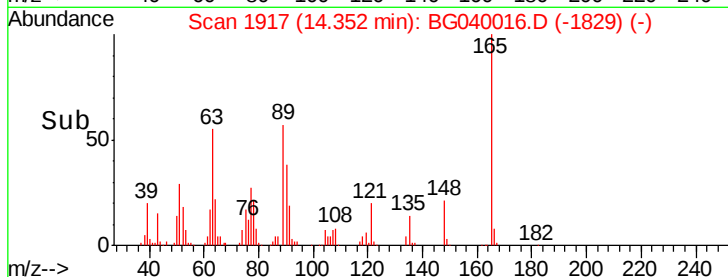
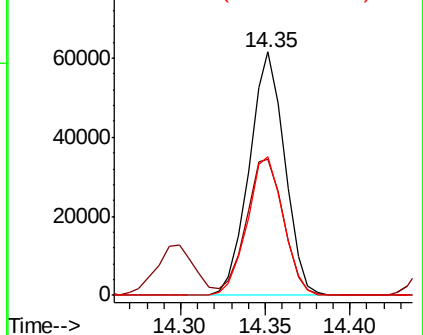
89 56.7 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 38.210 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

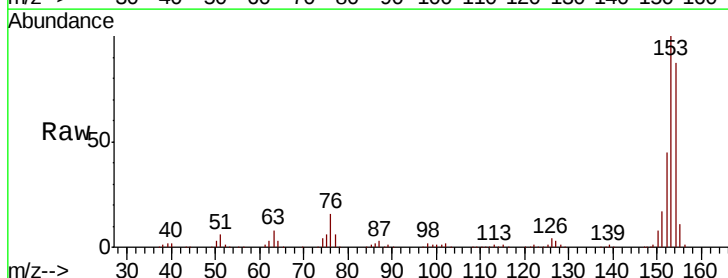
Tgt Ion:154 Resp: 290992

Ion Ratio Lower Upper

154 100

153 114.6 90.1 135.1

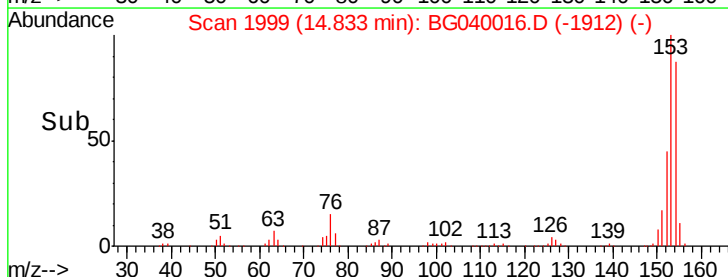
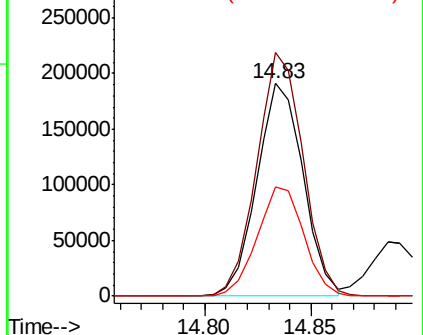
152 51.2 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.598 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

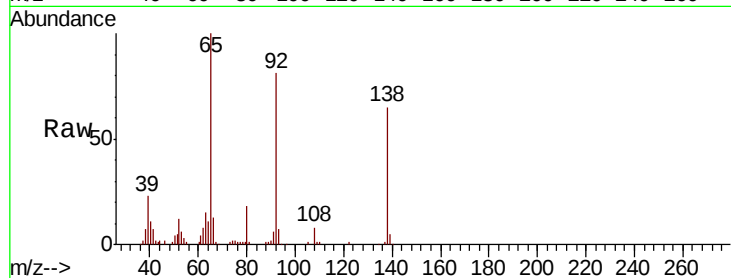
Tgt Ion:138 Resp: 59041

Ion Ratio Lower Upper

138 100

108 11.9 13.8 20.8#

92 125.8 103.7 155.5

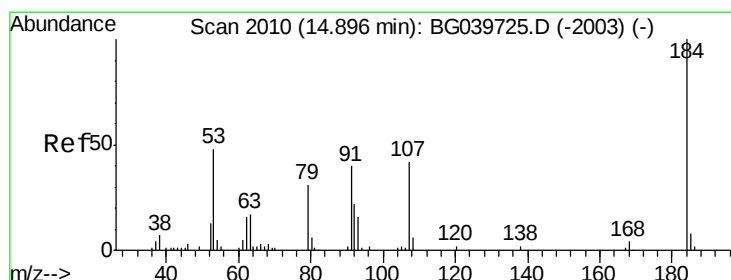
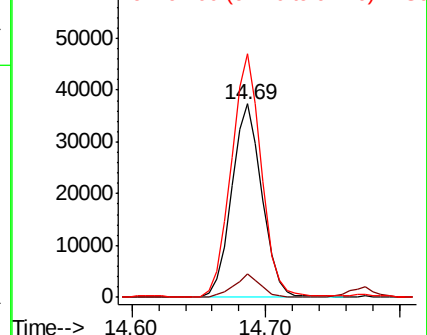
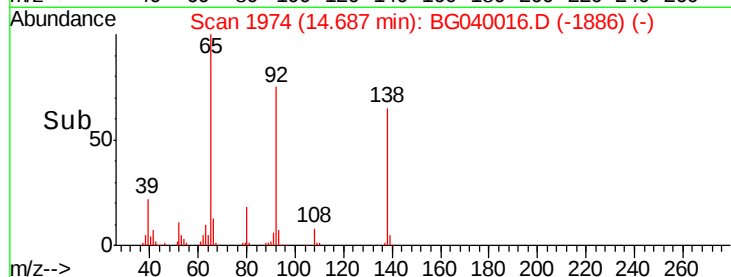


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 83.274 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

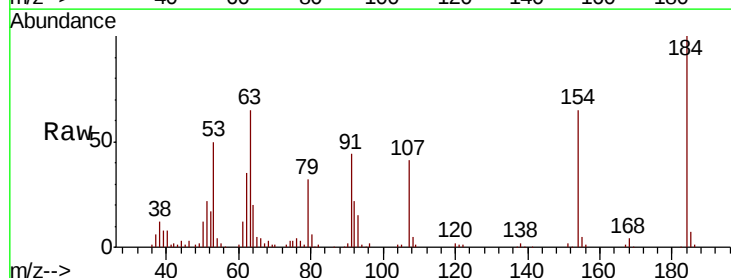
Tgt Ion:184 Resp: 116287

Ion Ratio Lower Upper

184 100

63 64.5 50.9 76.3

154 64.9 53.0 79.6

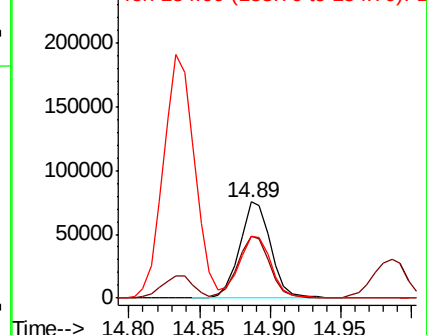
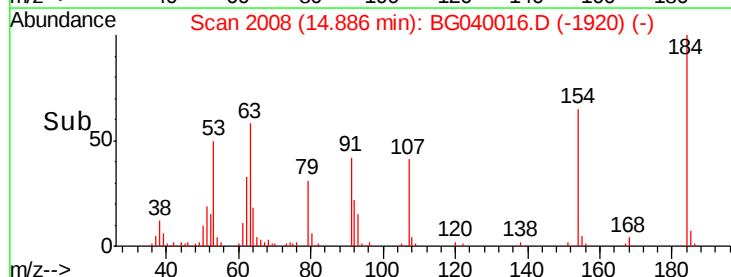


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

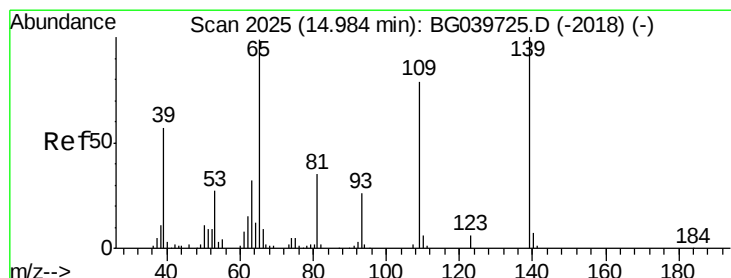
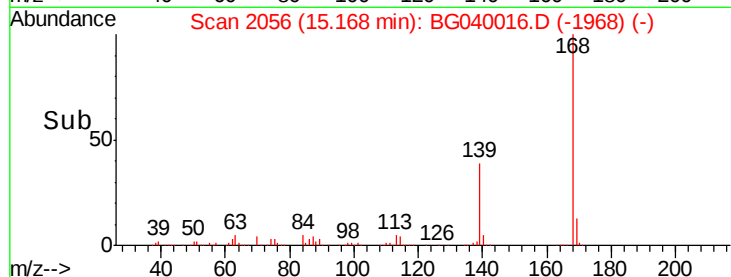
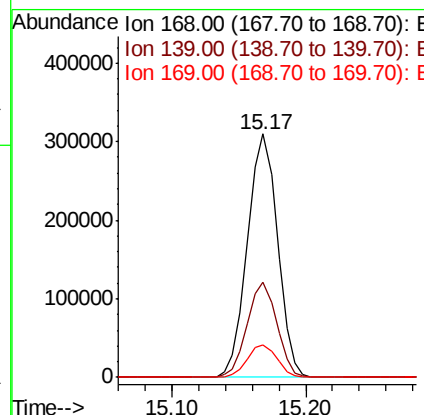
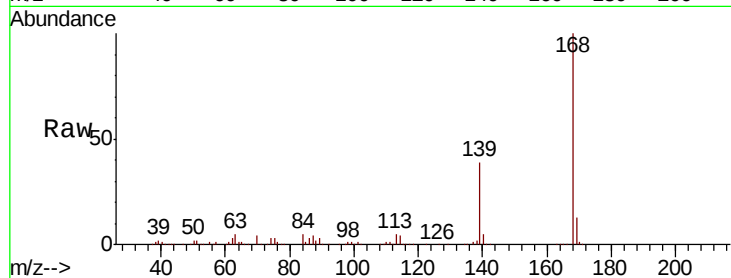




#55
Dibenzenofuran
Concen: 38.479 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

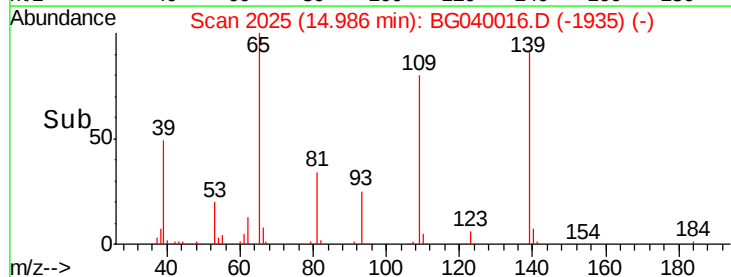
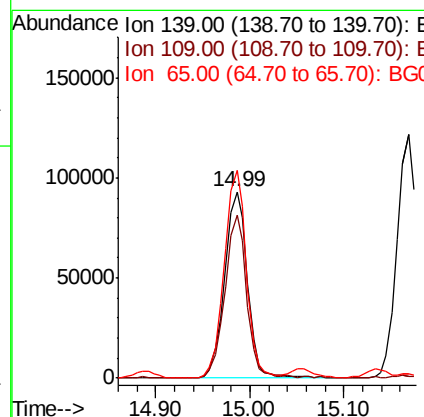
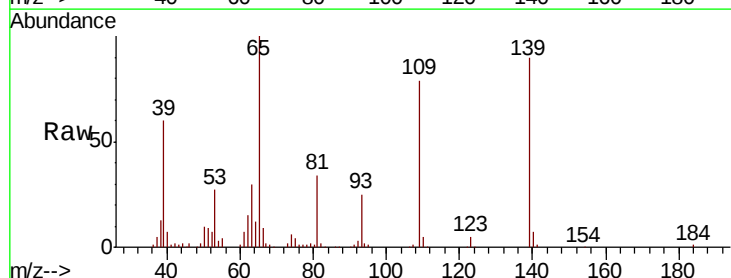
Instrument :
BNA_G
ClientSampleId :
SPMSD

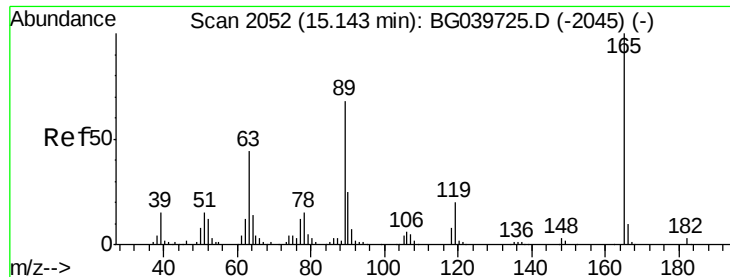
Tgt Ion:168 Resp: 480787
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 79.610 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:139 Resp: 158082
Ion Ratio Lower Upper
139 100
109 87.7 61.9 101.9
65 111.7 99.1 139.1

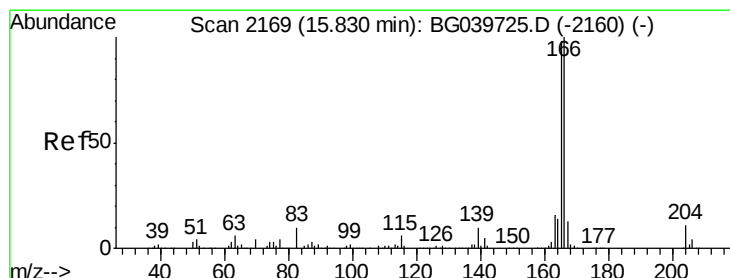
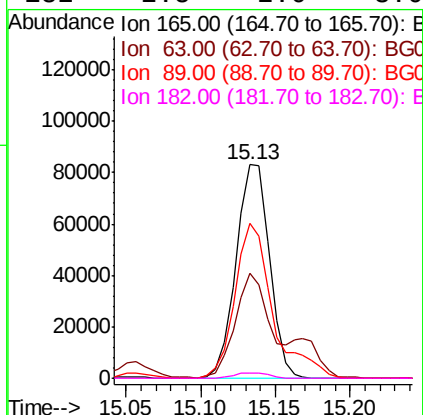
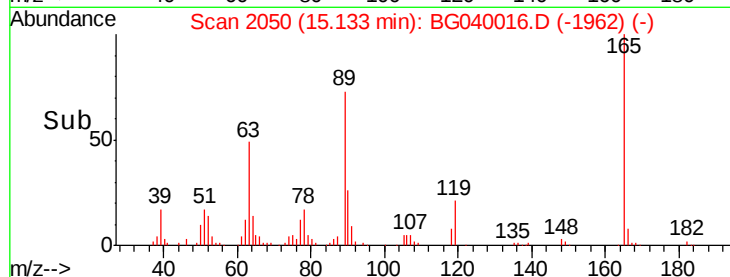
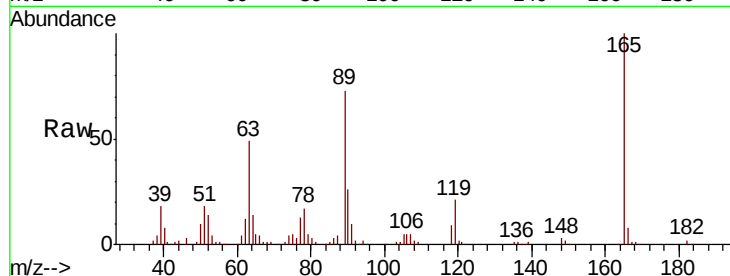




#57
2,4-Dinitrotoluene
Concen: 41.732 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

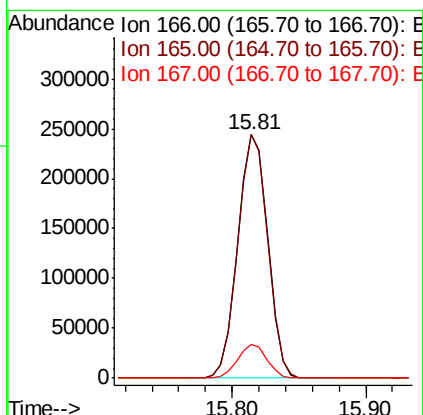
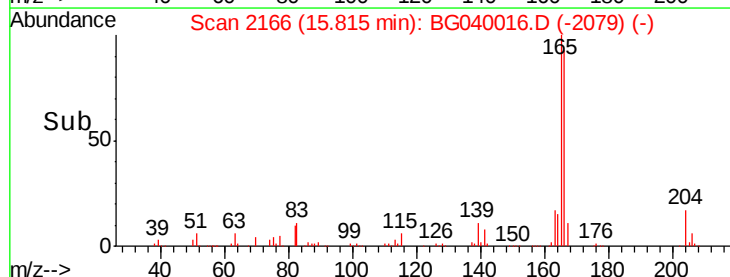
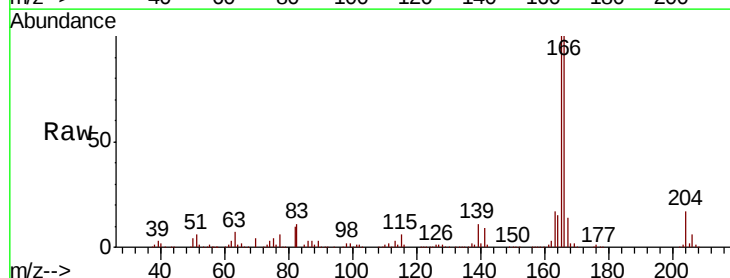
Instrument :
BNA_G
ClientSampleId :
SPMSD

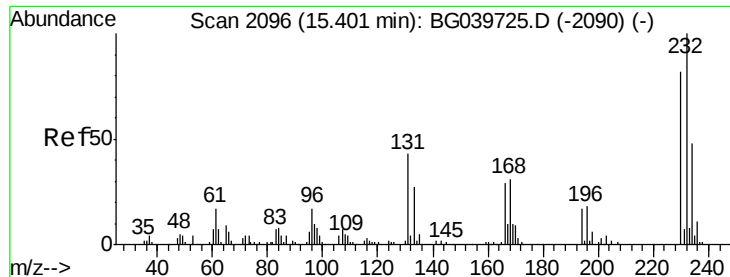
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.9	41.0	61.6
89	72.5	64.6	96.8
182	2.5	2.0	3.0



#58
Fluorene
Concen: 38.600 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.9	116.9
167	13.6	10.8	16.2

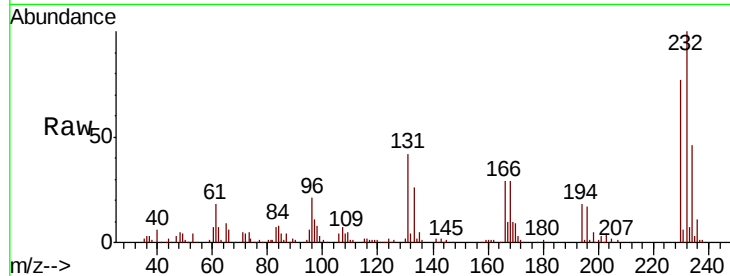




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.444 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleID :
 SPMSD

Tgt Ion:	232	Resp:	118159
Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	2.5	2.0	3.0
166	29.8	24.1	36.1



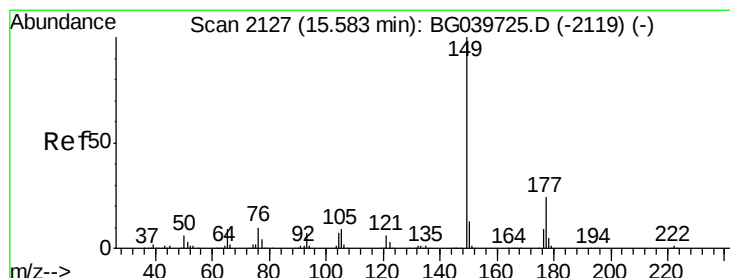
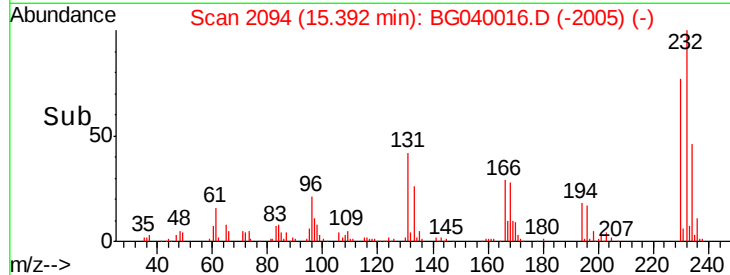
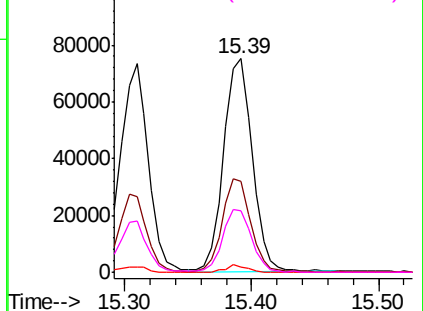
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

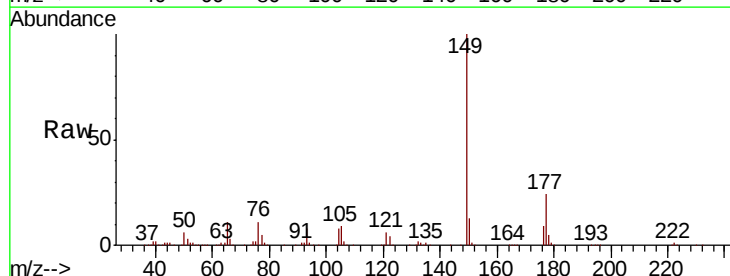
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.921 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:	149	Resp:	411650
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.9	10.2	15.2

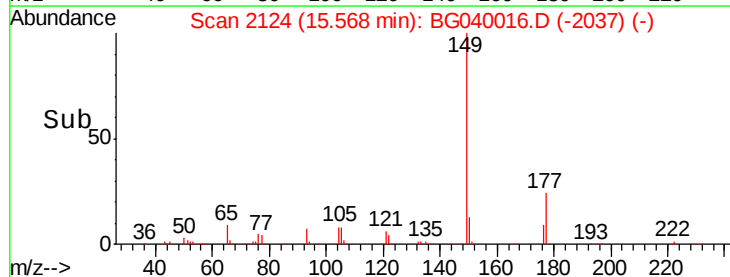
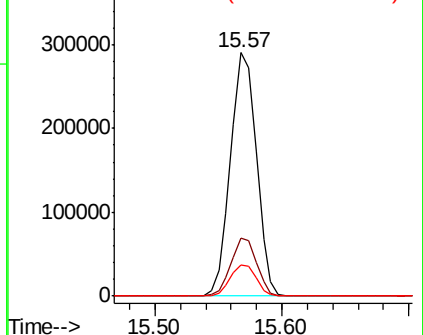


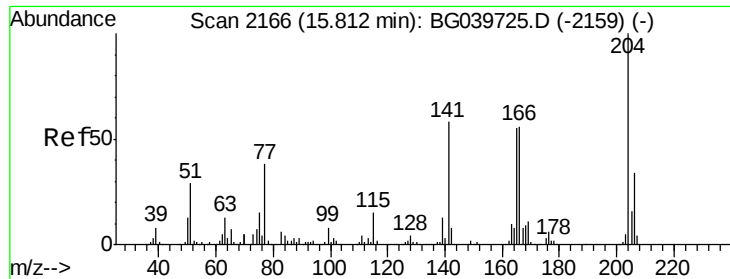
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

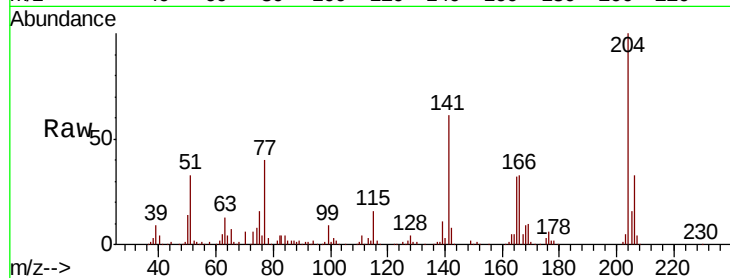




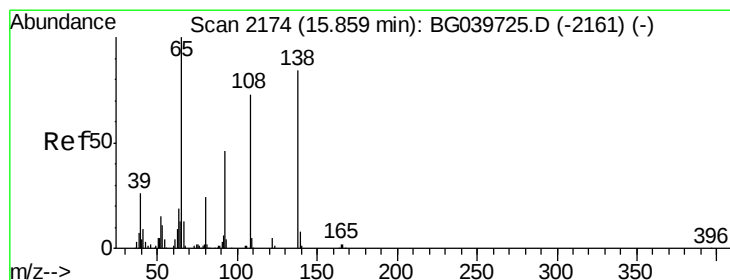
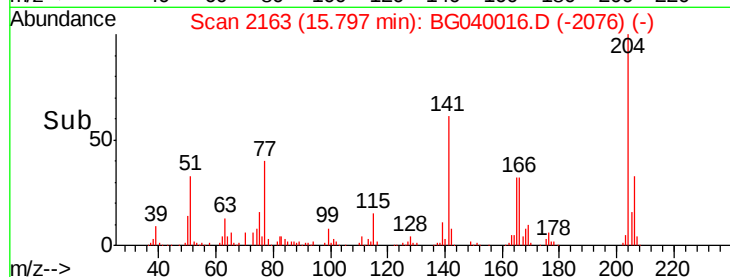
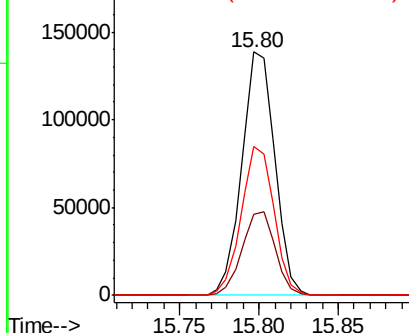
#61
4-Chlorophenyl-phenylether
Concen: 38.227 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	29.2	43.8
141	61.2	49.0	73.4

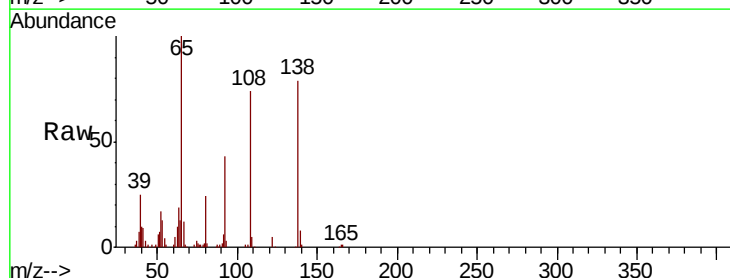


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

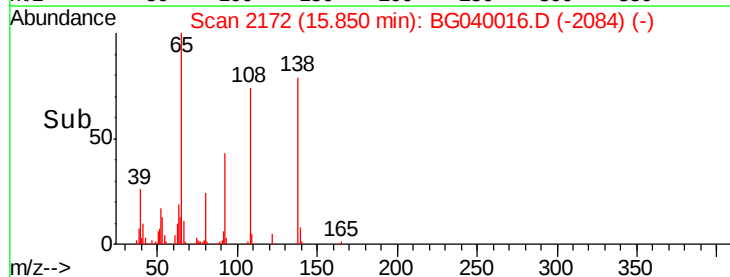
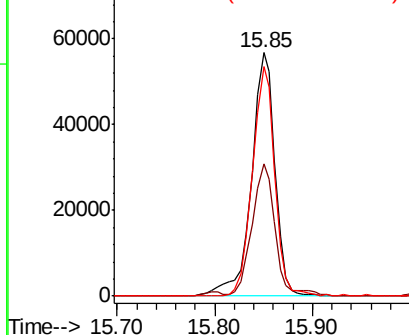


#62
4-Nitroaniline
Concen: 40.016 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	38.7	78.7
108	94.3	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

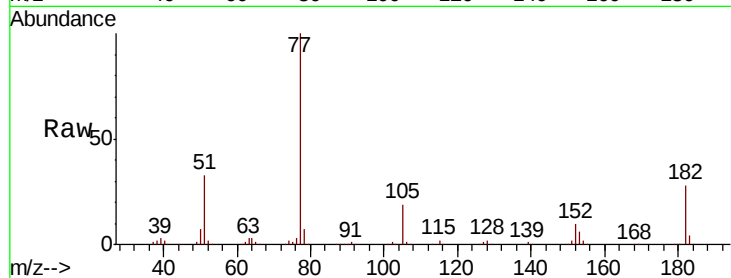




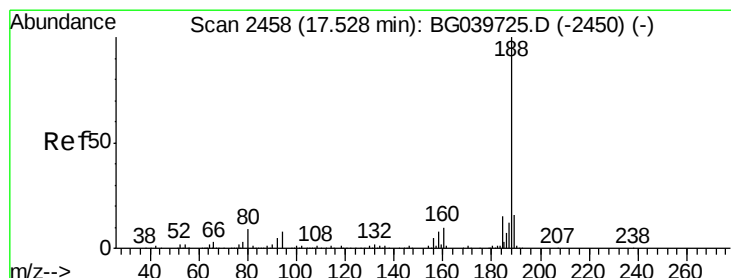
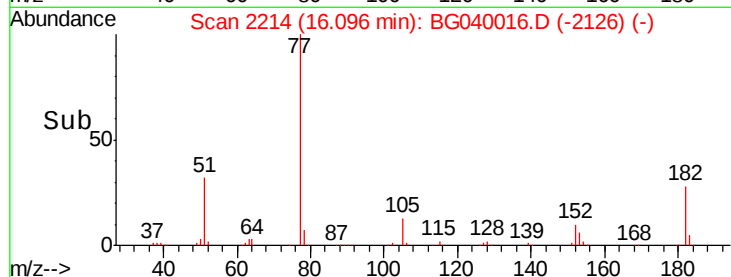
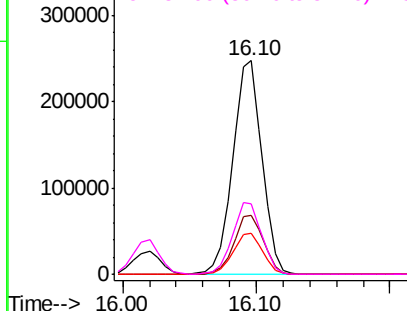
#63
Azobenzene
Concen: 40.054 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion: 77 Resp: 374391
Ion Ratio Lower Upper
77 100
182 27.6 6.4 46.4
105 19.2 0.0 39.8
51 33.0 14.1 54.1

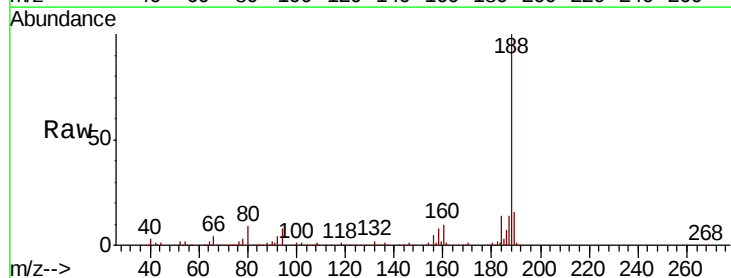


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

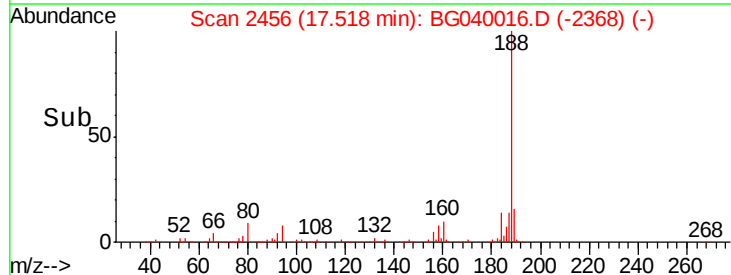
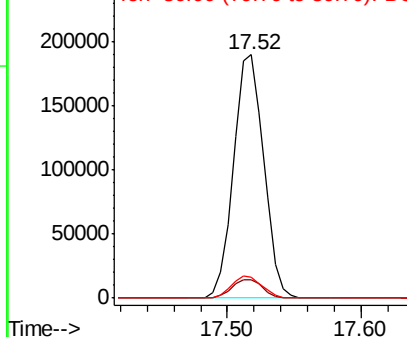


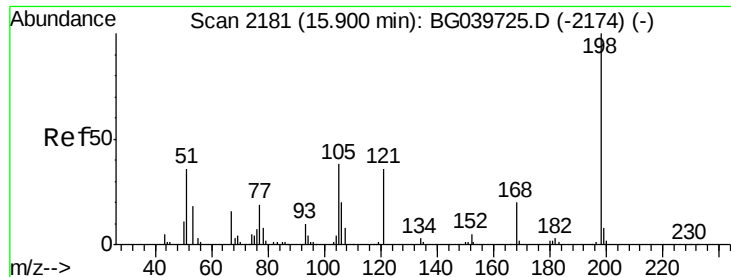
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion: 188 Resp: 297543
Ion Ratio Lower Upper
188 100
94 7.6 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: 44.743 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

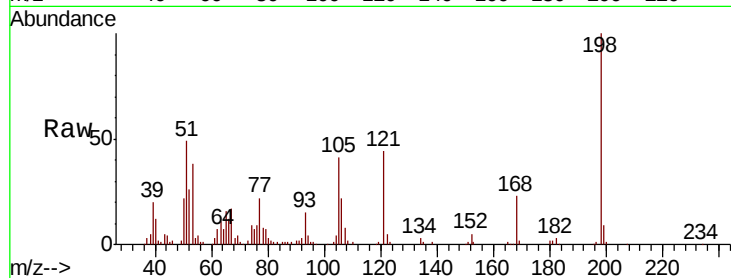
Tgt Ion:198 Resp: 78716

Ion Ratio Lower Upper

198 100

51 49.0 27.4 67.4

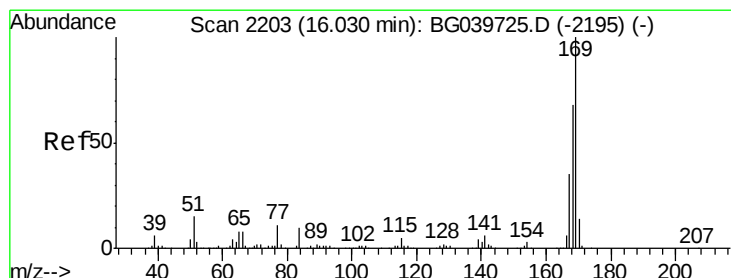
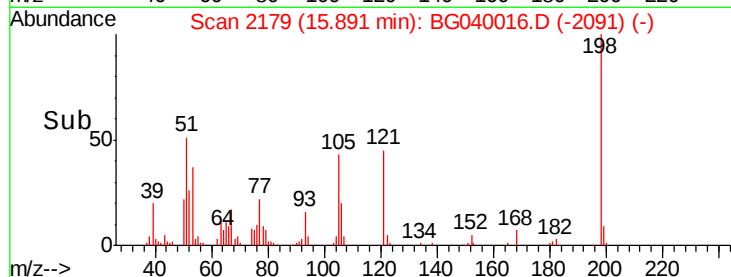
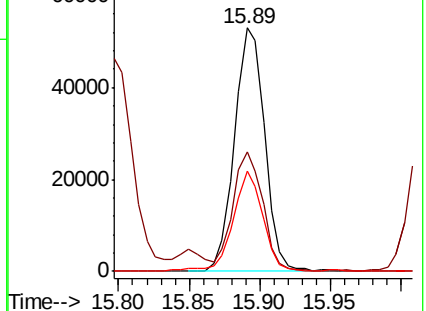
105 41.2 19.7 59.7



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: 40.042 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

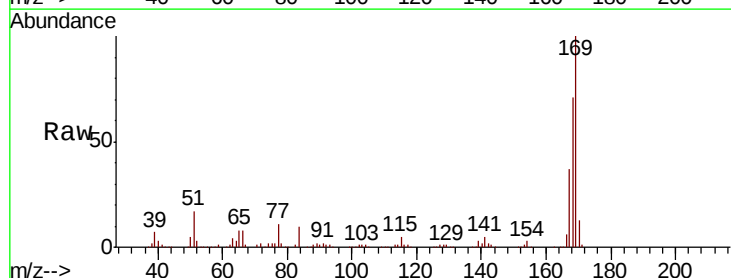
Tgt Ion:169 Resp: 344916

Ion Ratio Lower Upper

169 100

168 70.9 56.6 85.0

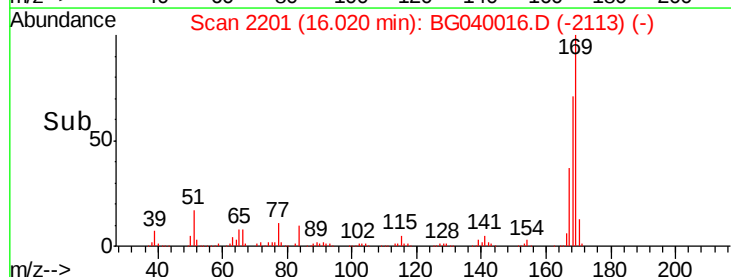
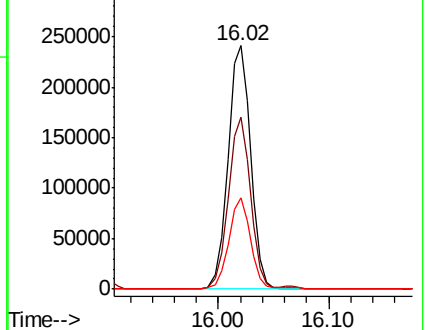
167 37.5 28.8 43.2

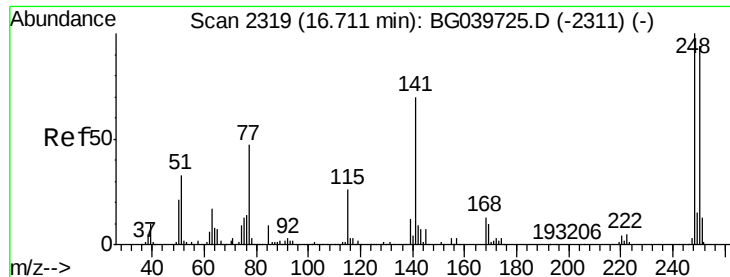


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

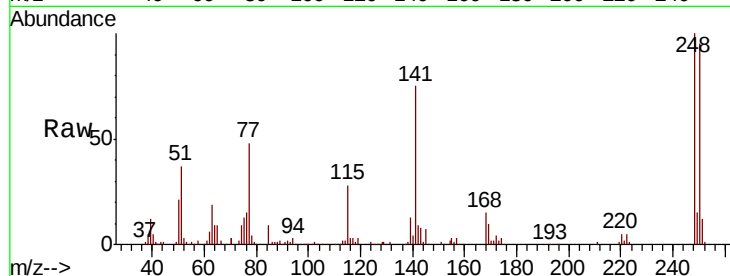




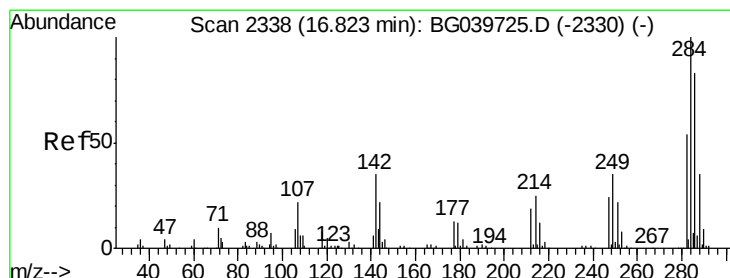
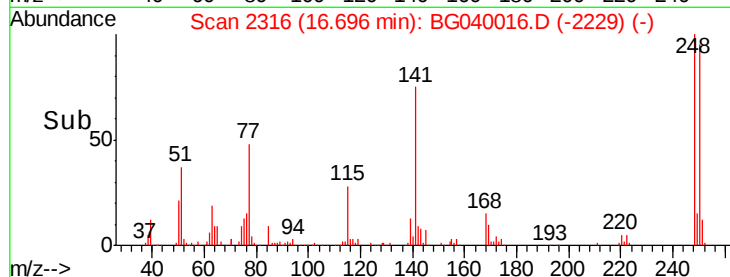
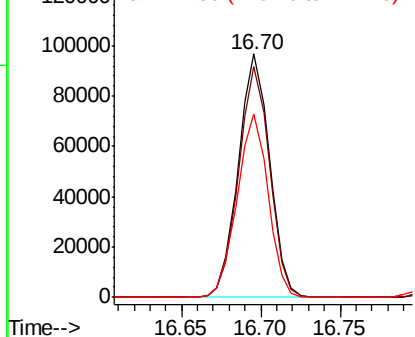
#67
4-Bromophenyl-phenylether
Concen: 39.795 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion:248 Resp: 132536
Ion Ratio Lower Upper
248 100
250 94.9 77.6 116.4
141 75.4 63.9 95.9

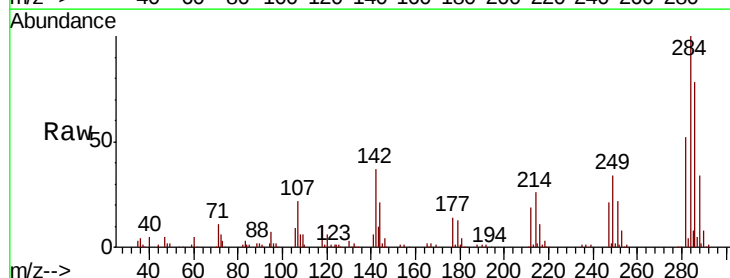


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

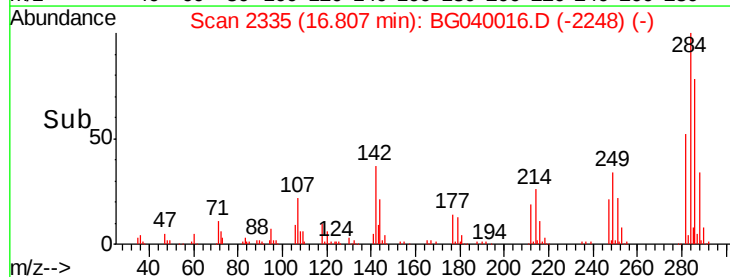
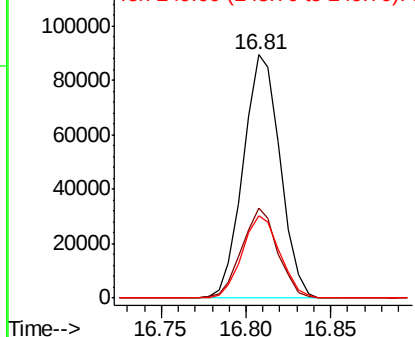


#68
Hexachlorobenzene
Concen: 39.392 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:284 Resp: 135992
Ion Ratio Lower Upper
284 100
142 36.7 30.6 45.8
249 33.7 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

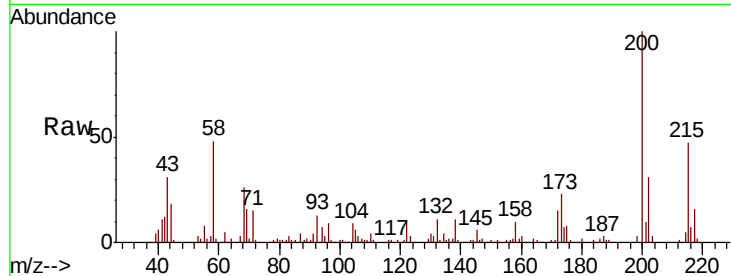




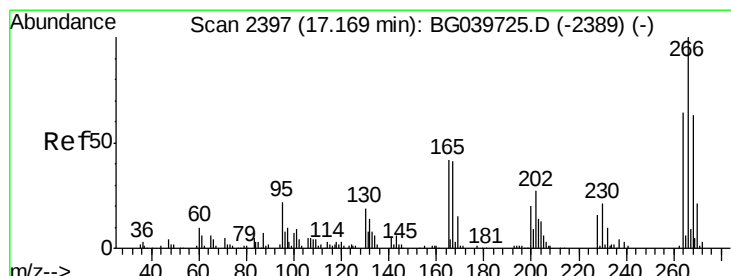
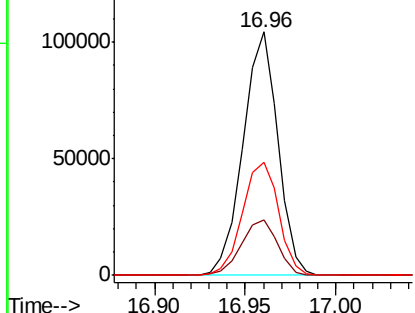
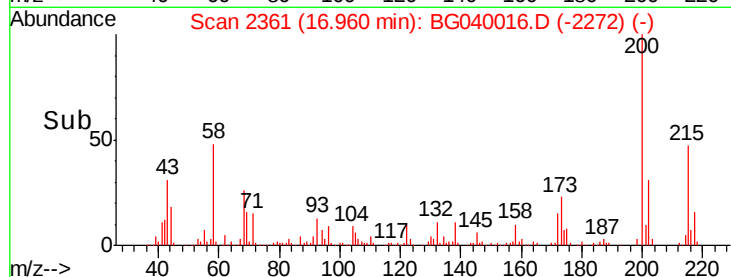
#69
 Atrazine
 Concen: 41.087 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.9	43.9
215	46.7	30.9	70.9

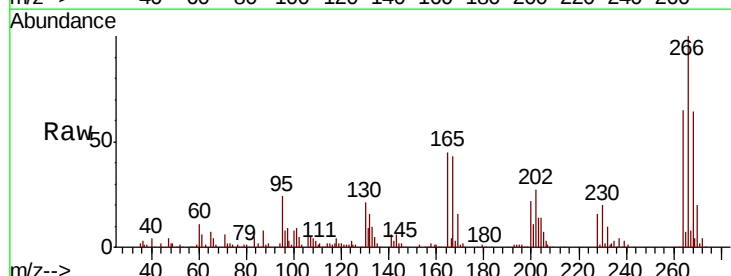


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

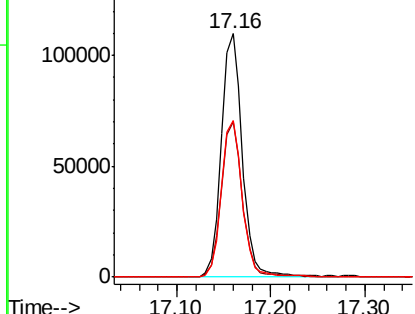
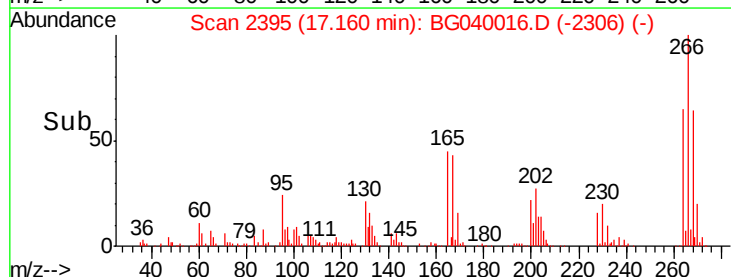


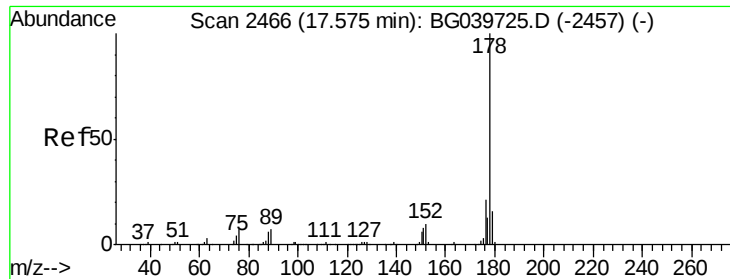
#70
 Pentachlorophenol
 Concen: 78.970 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	64.6	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

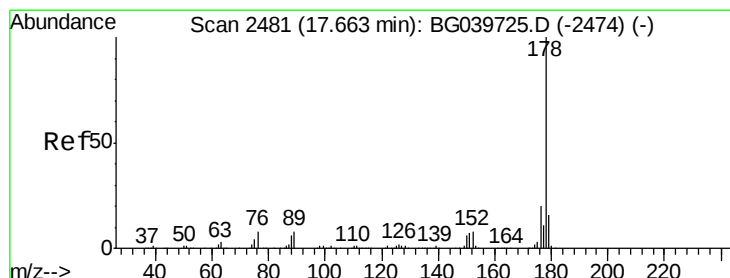
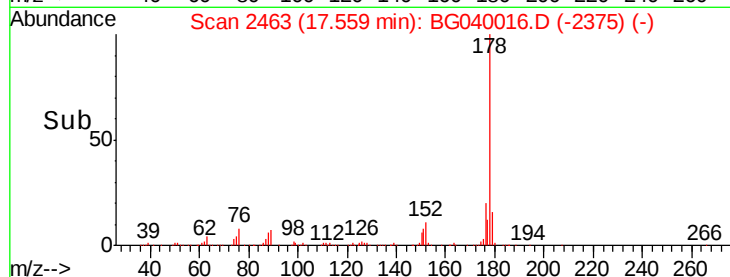
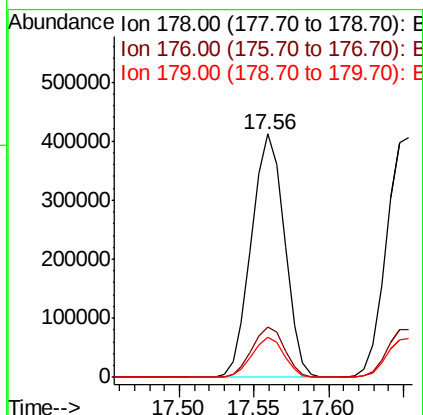
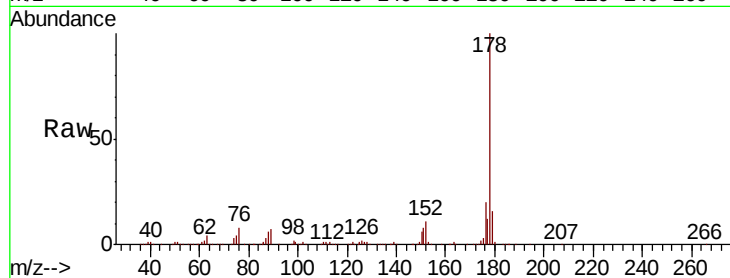




#71
Phenanthrene
Concen: 38.660 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

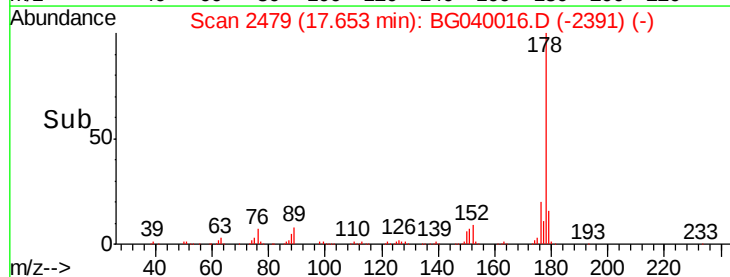
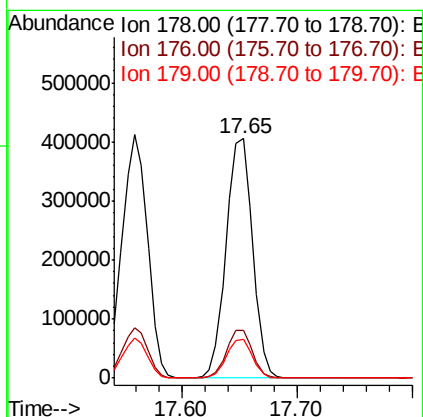
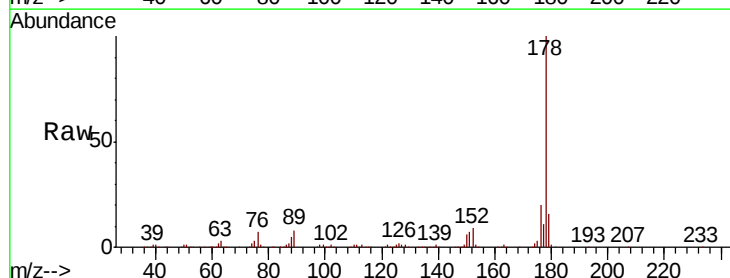
Instrument :
BNA_G
ClientSampled :
SPMSD

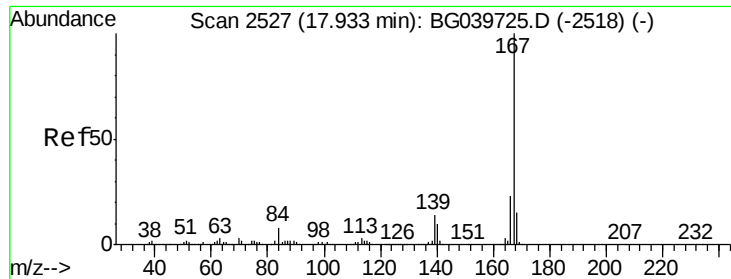
Tgt Ion:178 Resp: 633607
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 40.318 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:178 Resp: 643910
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.2 12.5 18.7

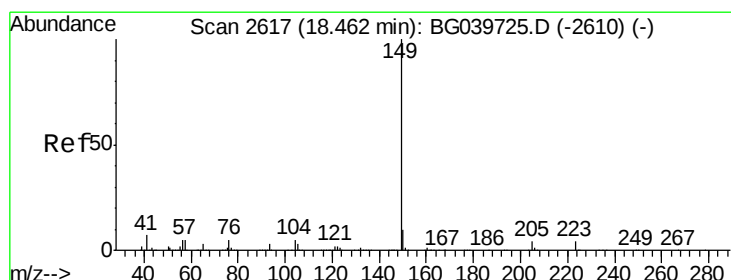
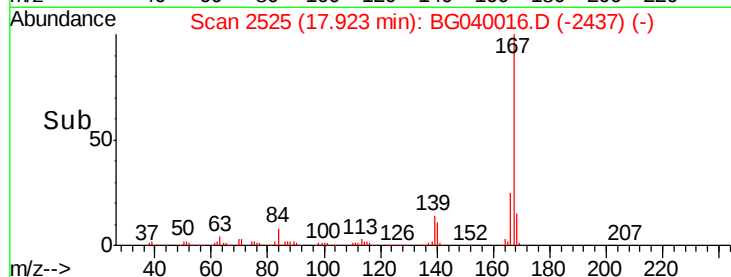
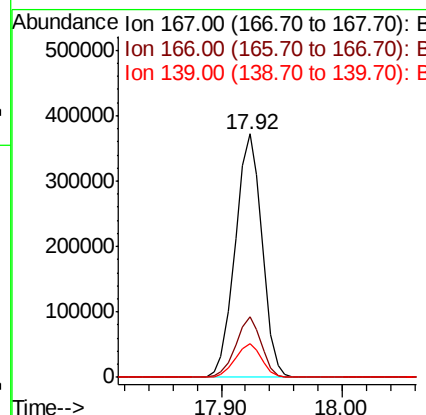
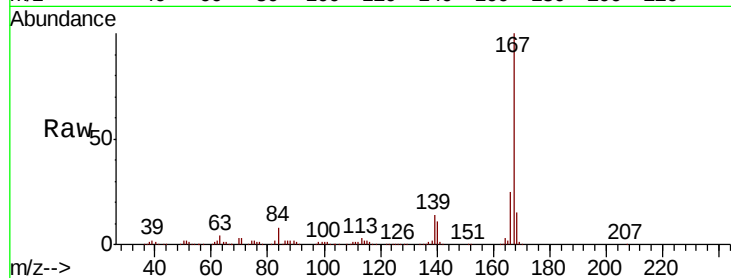




#73
 Carbazole
 Concen: 39.765 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

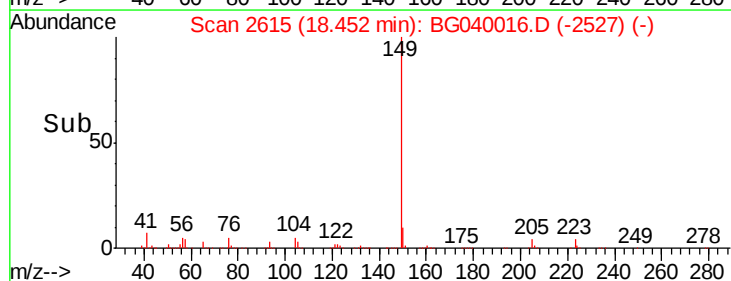
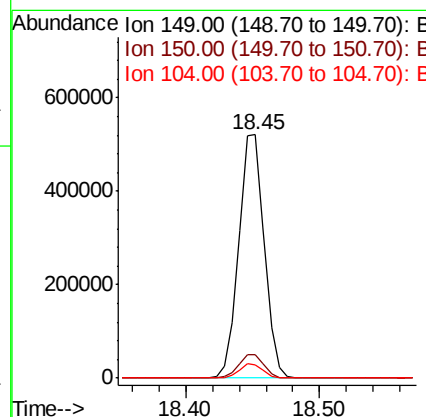
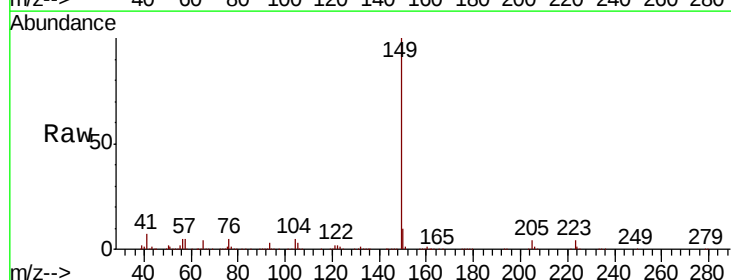
Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

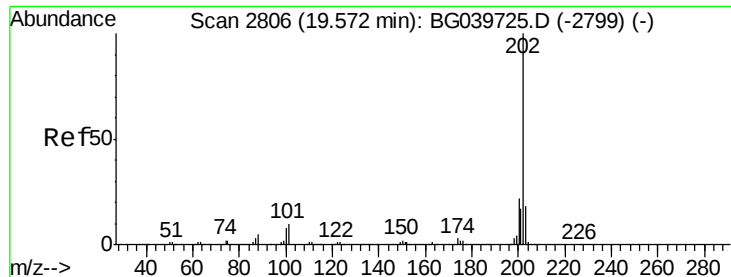
Tgt Ion:167 Resp: 572536
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.4 29.2
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.831 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:149 Resp: 691685
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 38.489 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

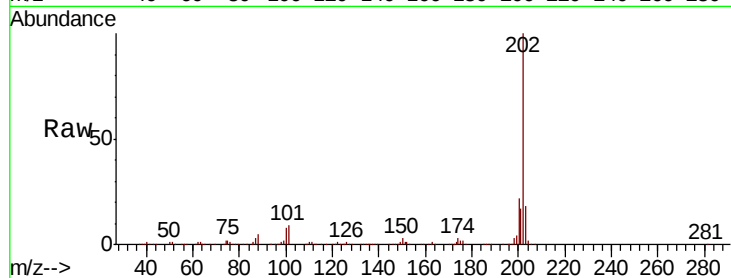
Tgt Ion:202 Resp: 745481

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.0

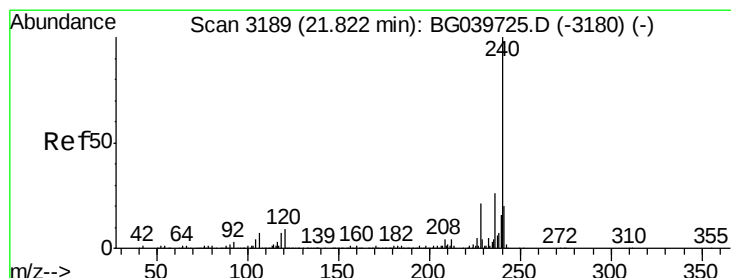
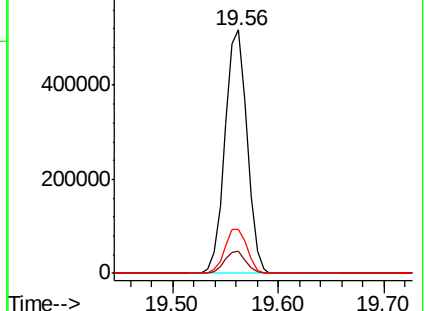
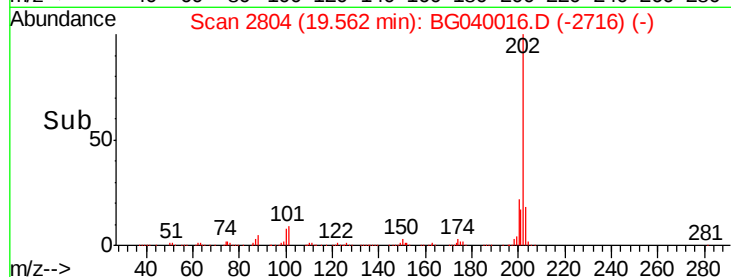
203 18.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

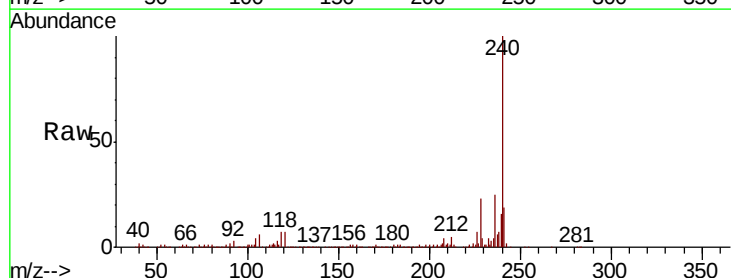
Tgt Ion:240 Resp: 303369

Ion Ratio Lower Upper

240 100

120 7.4 7.0 10.6

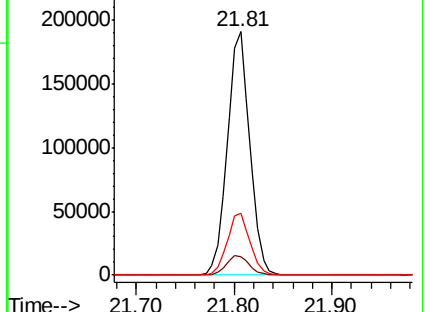
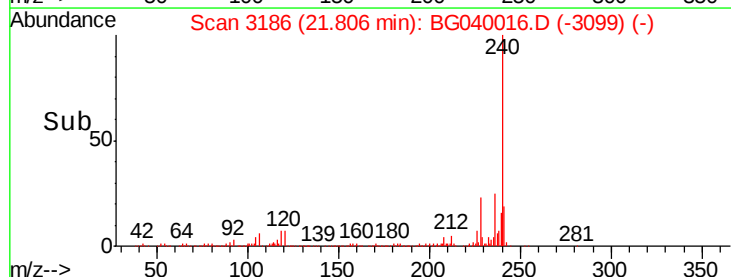
236 25.5 21.0 31.4

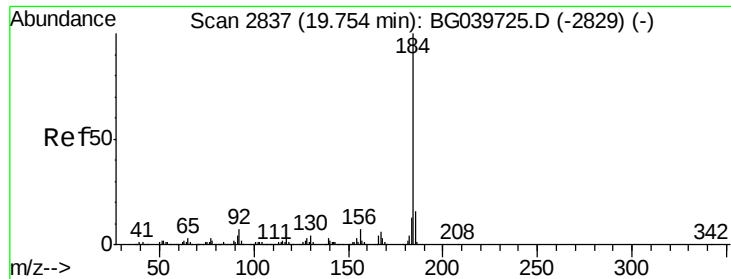


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.121 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

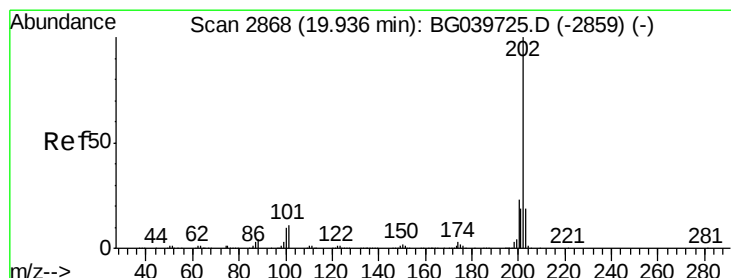
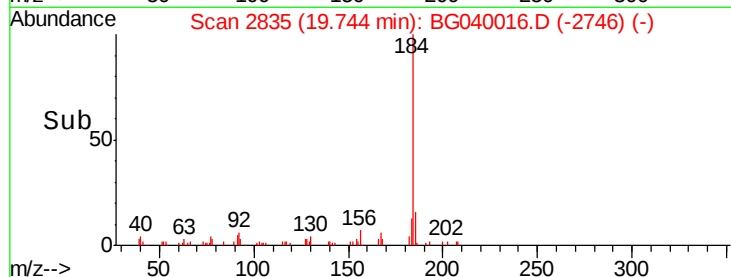
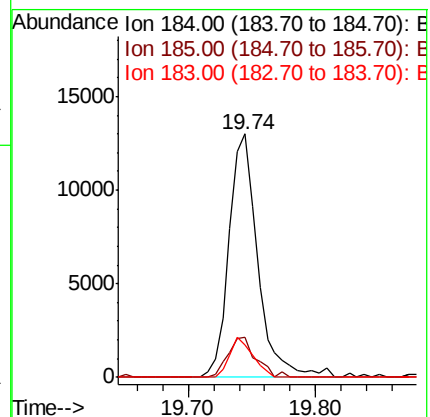
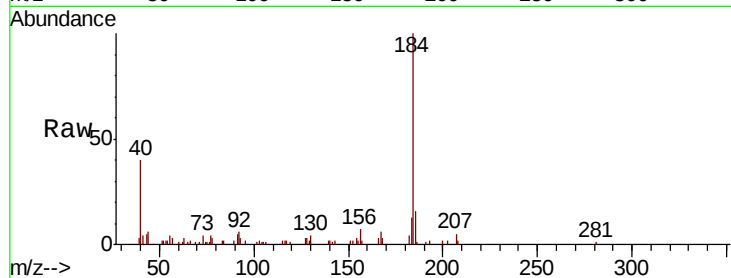
Tgt Ion:184 Resp: 20415

Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.2

183 13.2 10.6 15.8



#78

Pyrene

Concen: 38.488 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

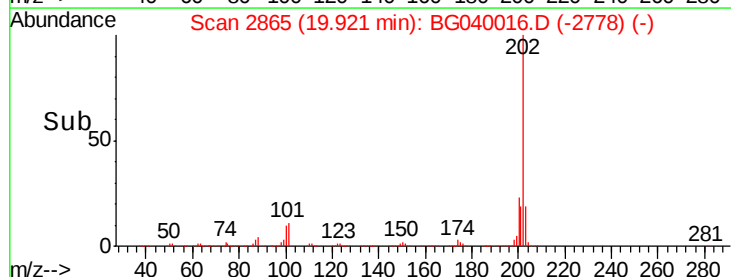
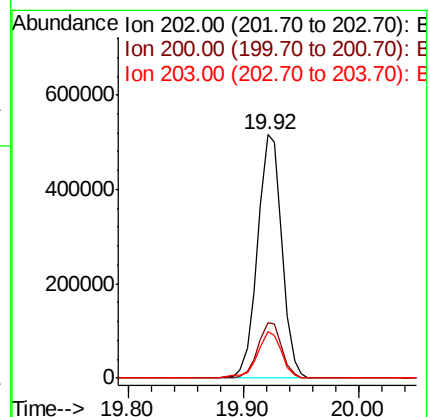
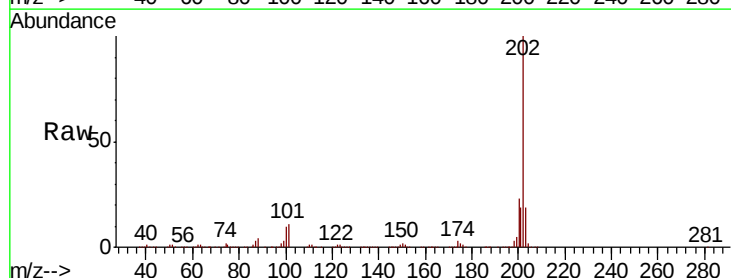
Tgt Ion:202 Resp: 758713

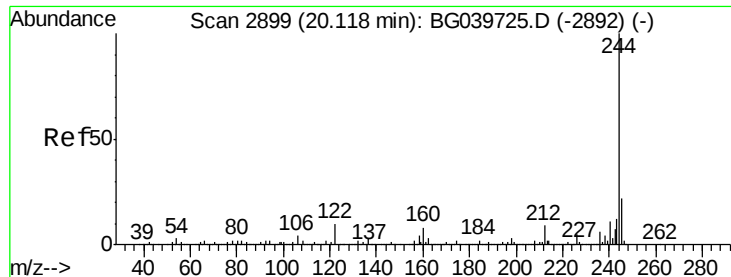
Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

203 18.9 15.3 22.9





#79

Terphenyl-d14

Concen: 77.685 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

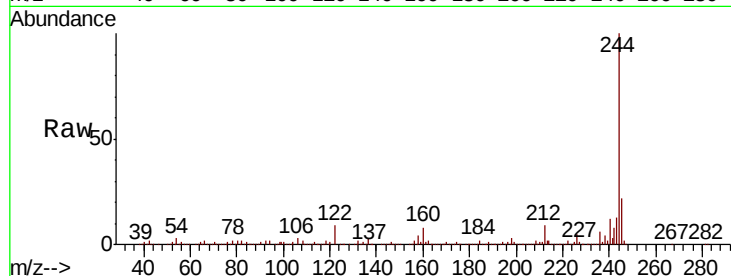
Tgt Ion:244 Resp: 1070363

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

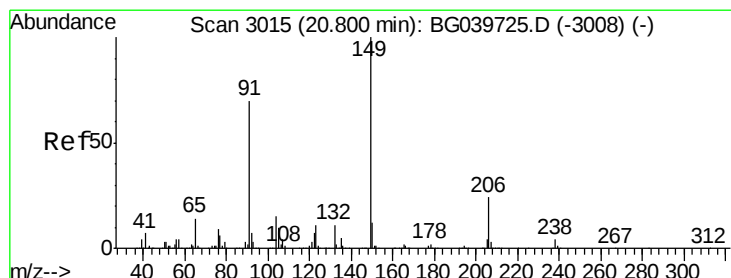
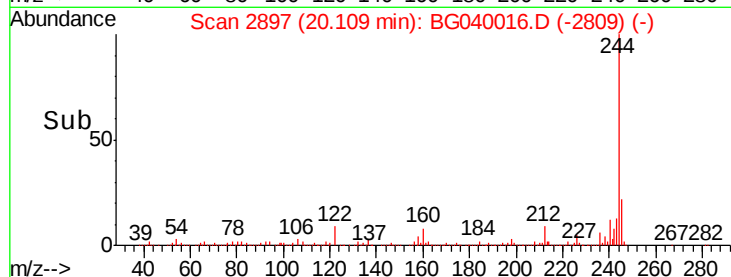
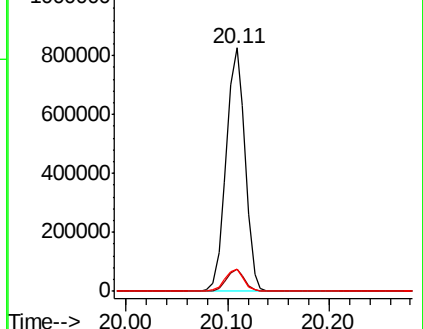
122 9.1 8.4 12.6



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: 42.731 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

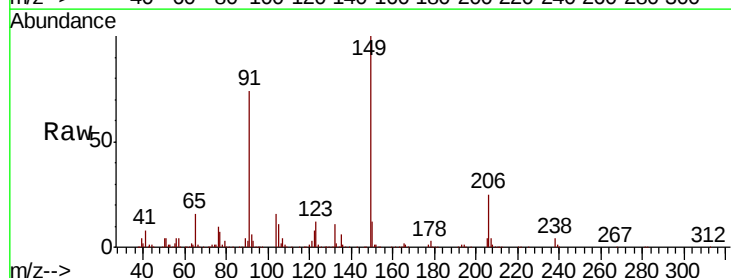
Tgt Ion:149 Resp: 326355

Ion Ratio Lower Upper

149 100

91 74.0 59.5 89.3

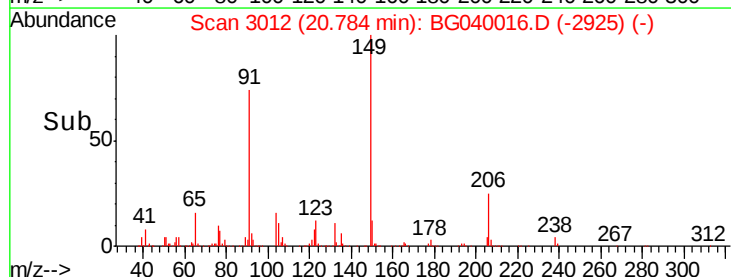
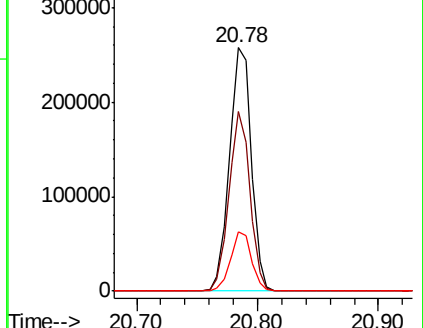
206 24.6 18.6 27.8



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

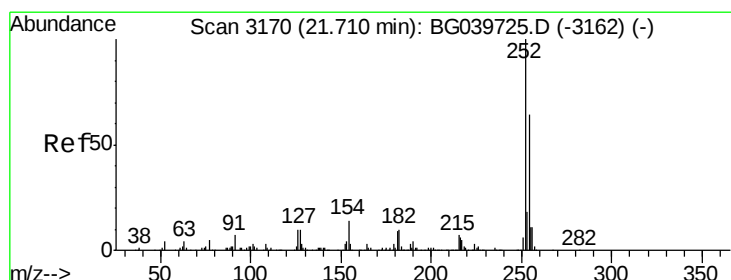
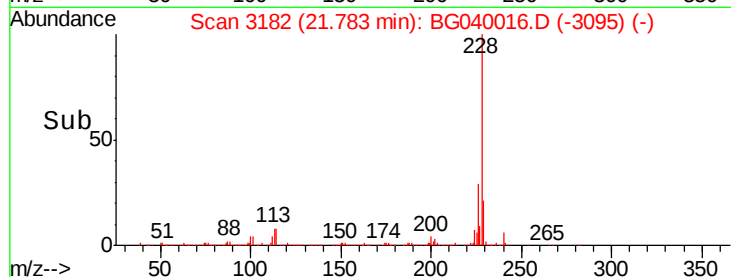
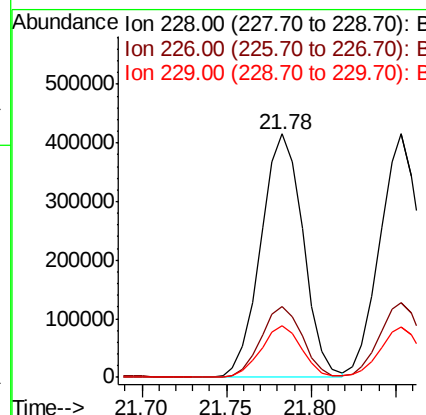
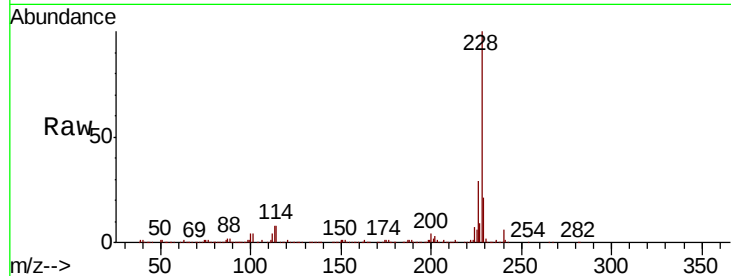




#81
Benzo(a)anthracene
Concen: 37.999 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

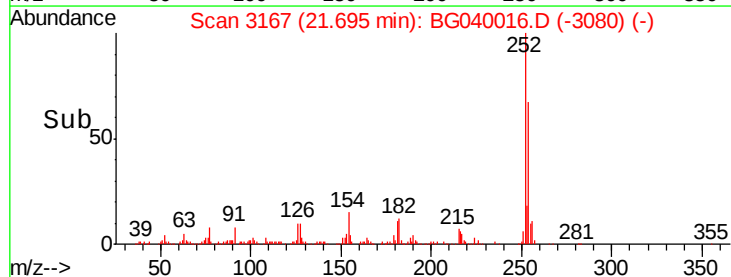
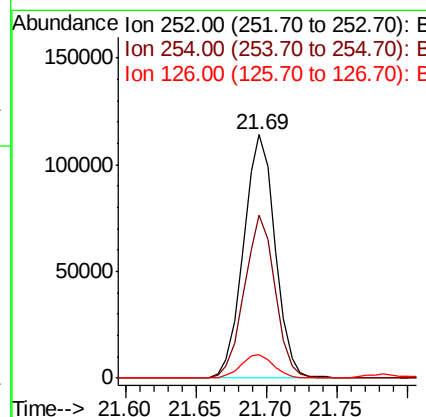
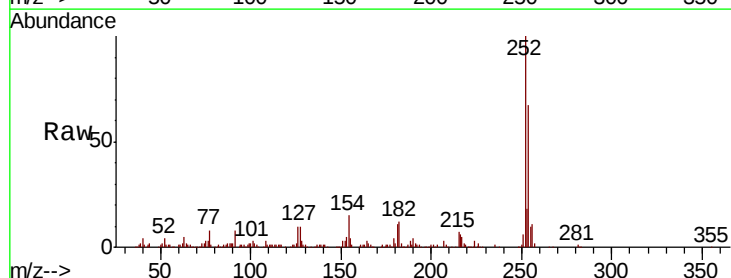
Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	21.2	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 25.770 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.3	76.9
126	9.6	8.0	12.0





#83

Chrysene

Concen: 37.679 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

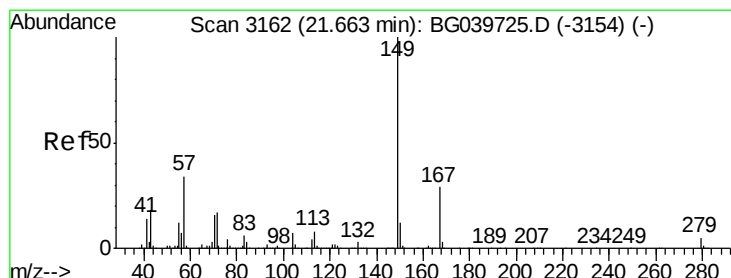
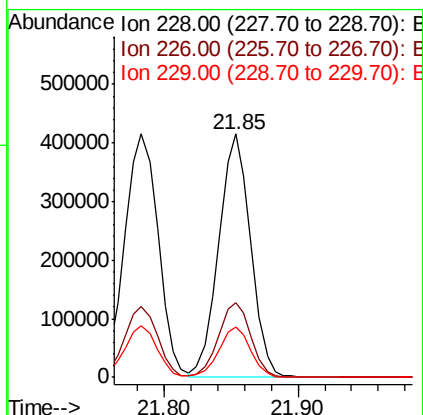
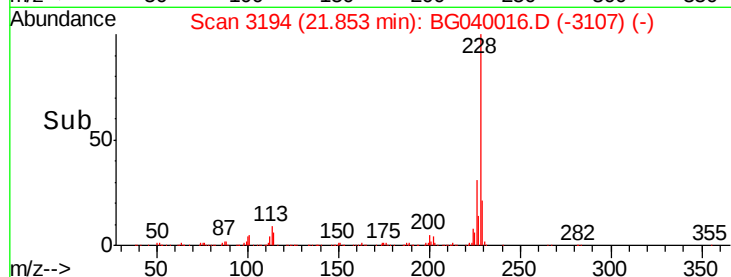
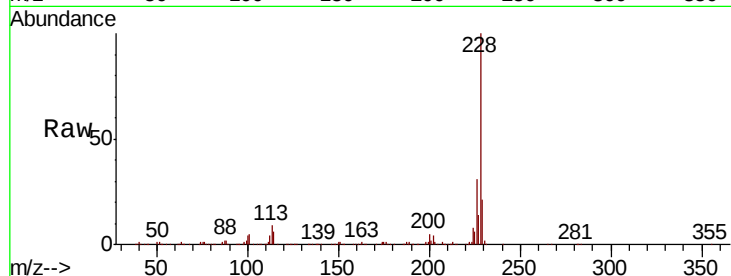
Tgt Ion:228 Resp: 694530

Ion Ratio Lower Upper

228 100

226 30.8 25.8 38.6

229 20.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.710 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

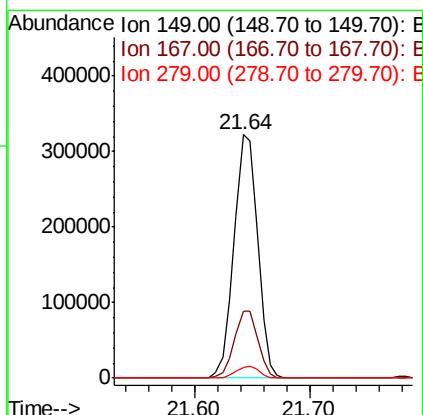
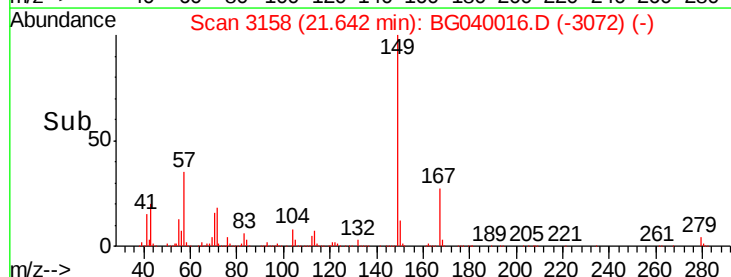
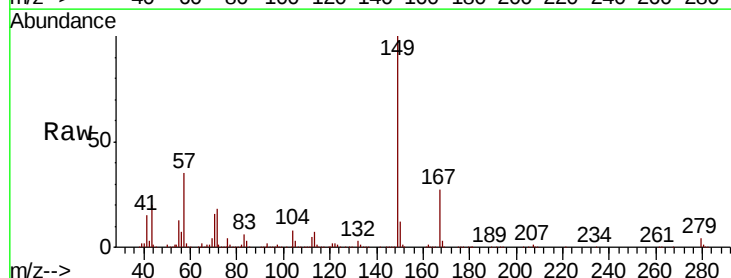
Tgt Ion:149 Resp: 458373

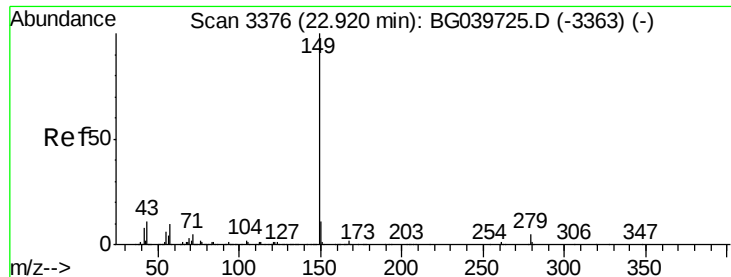
Ion Ratio Lower Upper

149 100

167 27.5 22.6 34.0

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 44.188 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

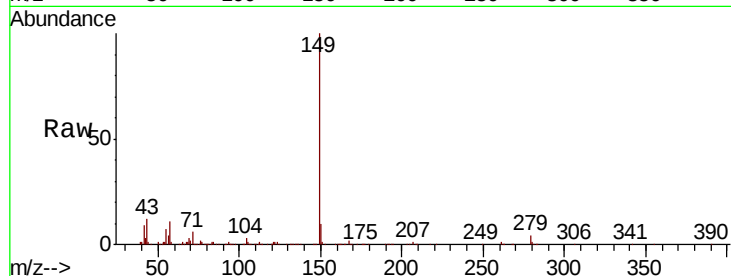
Tgt Ion:149 Resp: 785229

Ion Ratio Lower Upper

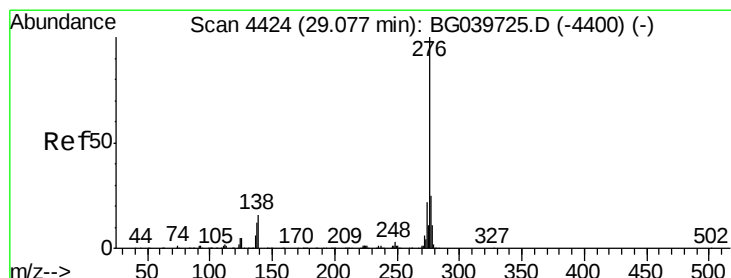
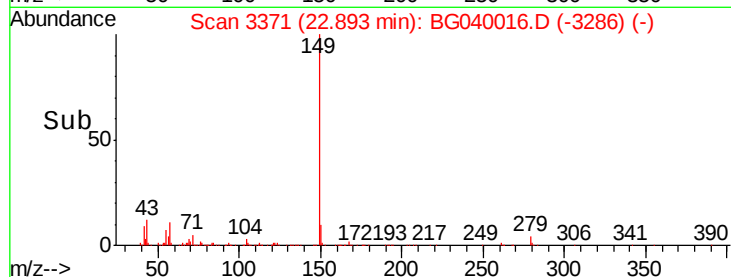
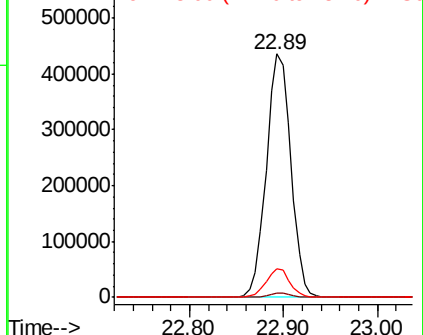
149 100

167 1.7 1.3 1.9

43 11.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.873 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.06 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

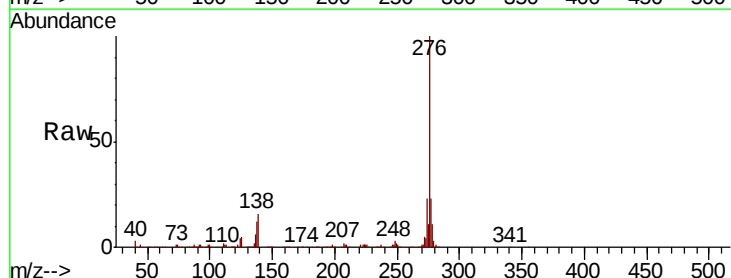
Tgt Ion:276 Resp: 833769

Ion Ratio Lower Upper

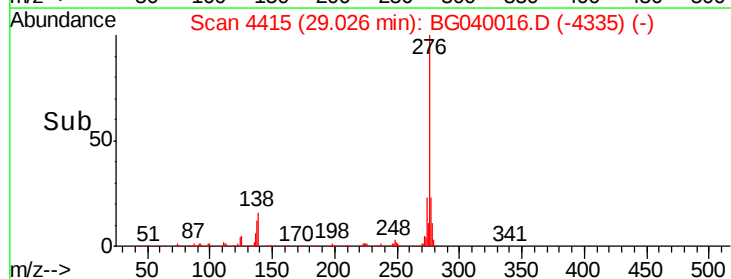
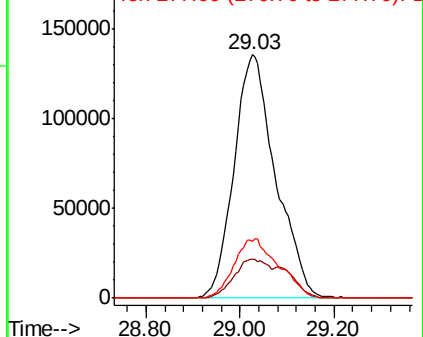
276 100

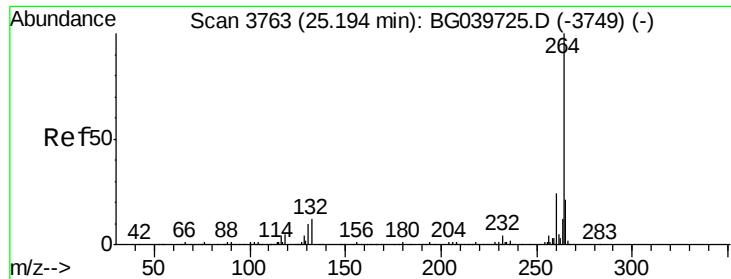
138 13.2 12.6 19.0

277 26.1 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

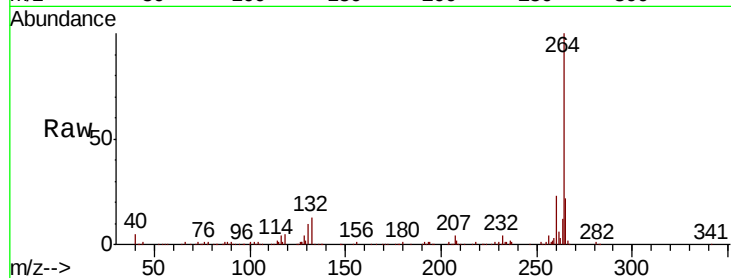
Tgt Ion:264 Resp: 316624

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.6 18.5 27.7

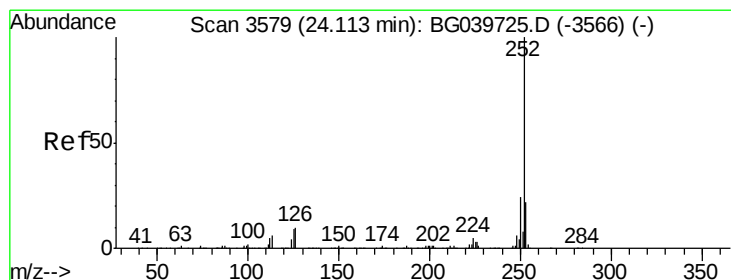
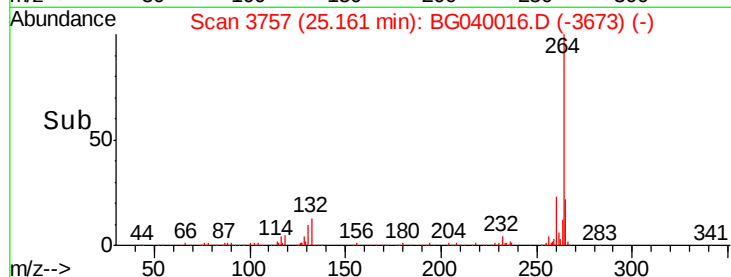
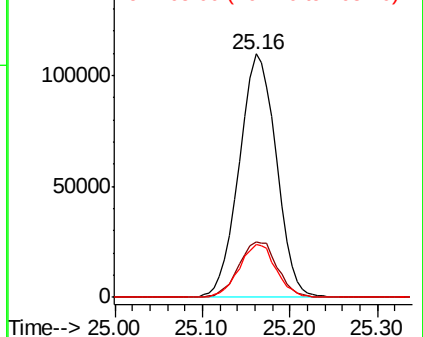


Abundance

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: 38.681 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

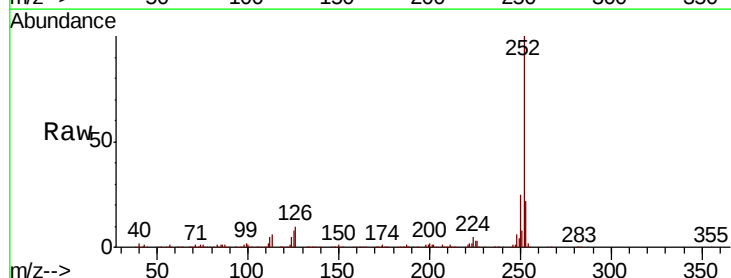
Tgt Ion:252 Resp: 730327

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 7.9 7.8 11.6

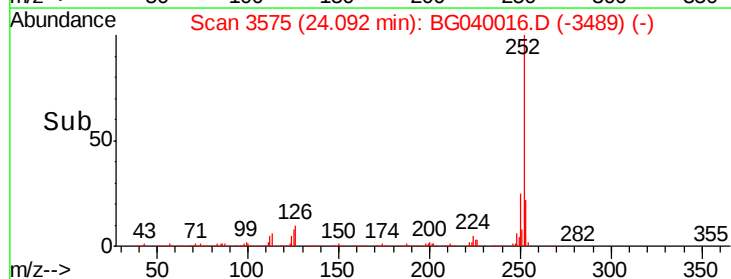
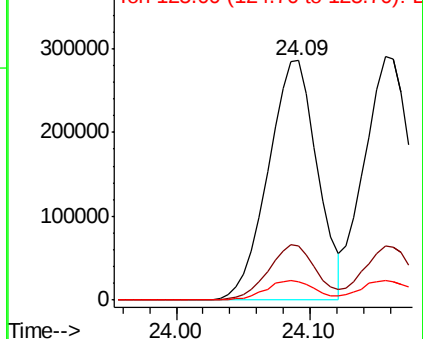


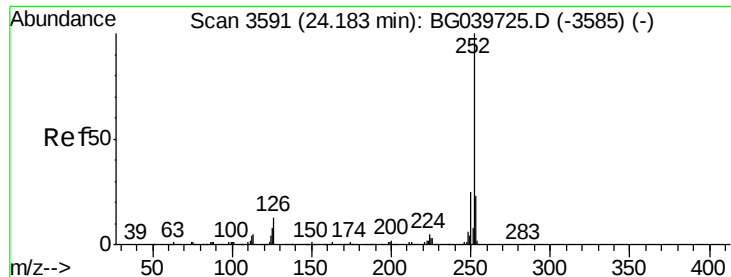
Abundance

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

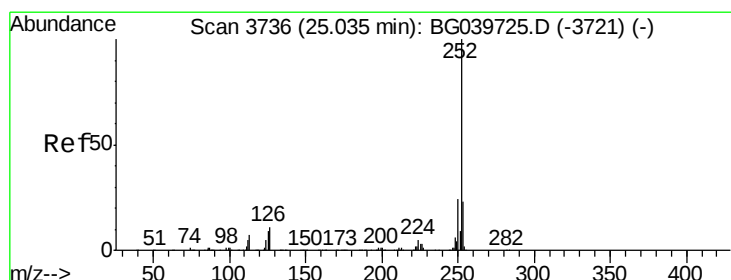
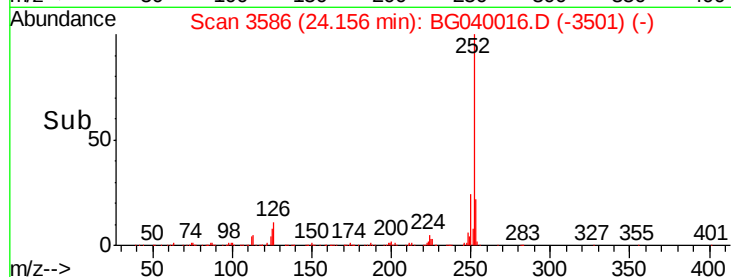
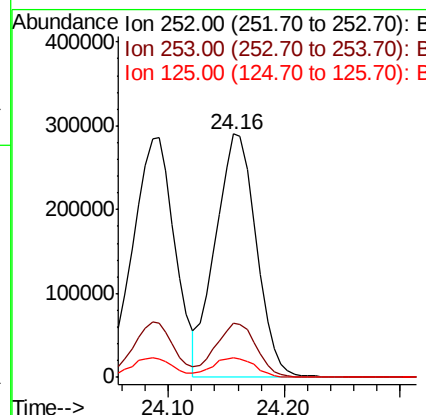
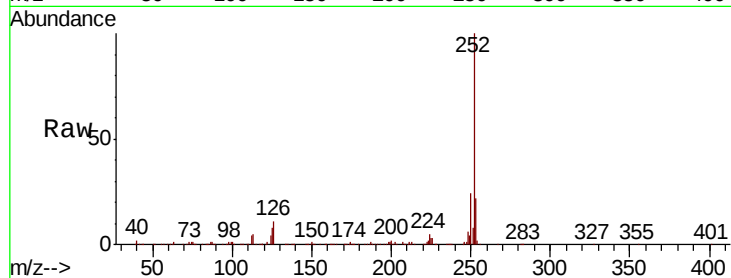




#89
Benzo(k)fluoranthene
Concen: 40.382 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

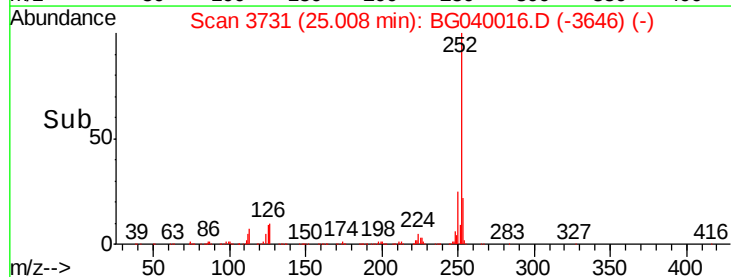
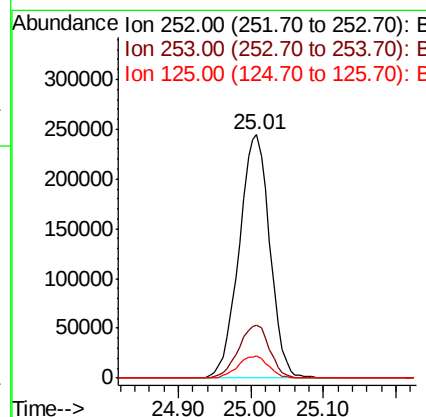
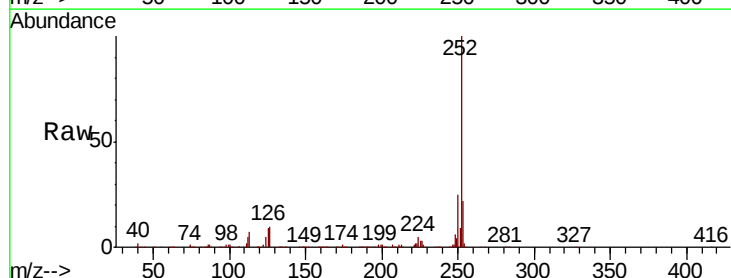
Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion:252 Resp: 709727
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.161 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:252 Resp: 718142
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.4 8.3 12.5

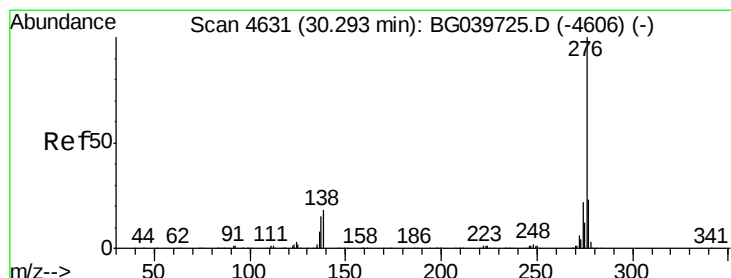
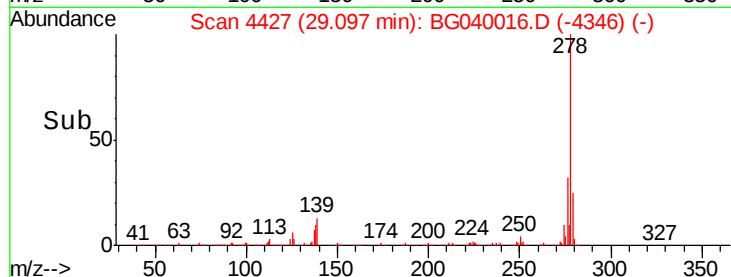
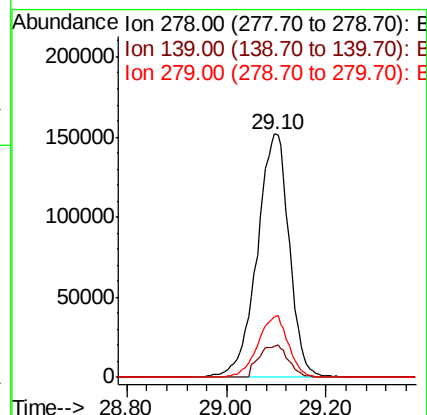
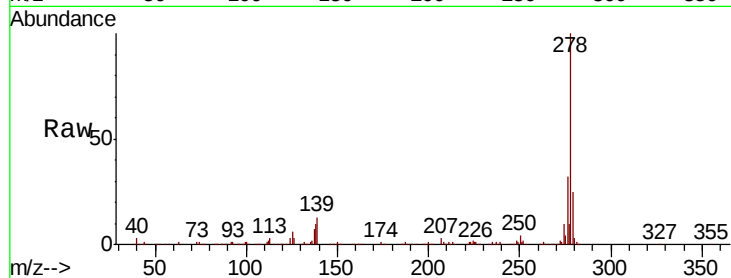




#91
Dibenzo(a,h)anthracene
Concen: 39.674 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.7	17.5
279	24.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.419 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	18.1	14.7	22.1

