

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039787.D
 Acq On : 6 Mar 2019 14:49
 Operator : JU/SJ
 Sample : K1704-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Quant Time: Mar 07 00:08:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40173	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180061	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	126538	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	308131	20.00	ng	0.00
76) Chrysene-d12	21.82	240	297006	20.00	ng	0.00
87) Perylene-d12	25.18	264	306524	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	306141	130.01	ng	0.00
7) Phenol-d6	7.30	99	460059	131.03	ng	0.00
23) Nitrobenzene-d5	9.34	82	266716	80.11	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	183707	124.56	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	640767	72.10	ng	0.00
79) Terphenyl-d14	20.12	244	1004397	74.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	31423	28.904	ng	96
3) Pyridine	3.99	79	65607	22.542	ng	93
4) n-Nitrosodimethylamine	3.91	42	48019	34.778	ng	92
6) Aniline	7.48	93	64799	14.086	ng	98
8) 2-Chlorophenol	7.71	128	107005	37.456	ng	97
9) Benzaldehyde	7.30	77	66381	29.309	ng	97
10) Phenol	7.33	94	181156	47.626	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	103152	34.783	ng	97
12) 1,3-Dichlorobenzene	8.04	146	106497	32.961	ng	95
13) 1,4-Dichlorobenzene	8.19	146	108024	32.824	ng	95
14) 1,2-Dichlorobenzene	8.51	146	107060	33.669	ng	98
15) Benzyl Alcohol	8.40	79	105091	37.732	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	205342	34.620	ng	99
17) 2-Methylphenol	8.59	107	95669	39.445	ng	98
18) Hexachloroethane	9.24	117	38941	32.976	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	89232	35.308	ng	93
20) 3+4-Methylphenols	8.92	107	135270	40.147	ng	98
22) Acetophenone	8.98	105	162245	33.572	ng	# 94
24) Nitrobenzene	9.38	77	128748	36.863	ng	97
25) Isophorone	9.89	82	255437	36.617	ng	99
26) 2-Nitrophenol	10.09	139	63463	37.634	ng	96
27) 2,4-Dimethylphenol	10.13	122	116066	44.255	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	150834	35.580	ng	96
29) 2,4-Dichlorophenol	10.62	162	124044	42.008	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	117454	35.349	ng	99
31) Naphthalene	11.03	128	345527	36.244	ng	100
32) Benzoic acid	10.25	122	51883	31.449	ng	97
33) 4-Chloroaniline	11.14	127	37586	9.298	ng	97
34) Hexachlorobutadiene	11.29	225	75983	33.464	ng	96
35) Caprolactam	11.92	113	29507	26.159	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	141200	41.714	ng	100
37) 2-Methylnaphthalene	12.62	142	266177	37.345	ng	96
38) 1-Methylnaphthalene	12.84	142	254431	36.733	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	146442	34.161	ng	99

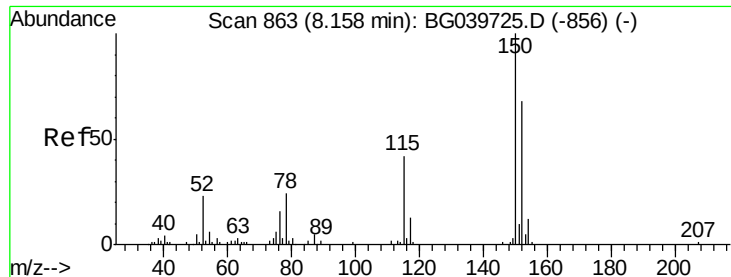
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039787.D
 Acq On : 6 Mar 2019 14:49
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	162208	70.608	ng	97
43) 2,4,6-Trichlorophenol	13.22	196	105923	42.205	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	116634	41.229	ng	98
46) 1,1'-Biphenyl	13.62	154	367426	35.304	ng	99
47) 2-Chloronaphthalene	13.66	162	283815	36.249	ng	97
48) 2-Nitroaniline	13.88	65	98925	39.316	ng	93
49) Acenaphthylene	14.51	152	457538	35.598	ng	98
50) Dimethylphthalate	14.23	163	436213	41.226	ng	99
51) 2,6-Dinitrotoluene	14.36	165	86963	38.769	ng	98
52) Acenaphthene	14.85	154	280605	36.273	ng	99
53) 3-Nitroaniline	14.69	138	37826	16.776	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	95686	68.454	ng	98
55) Dibenzofuran	15.18	168	464407	36.590	ng	99
56) 4-Nitrophenol	14.99	139	153356	76.029	ng	92
57) 2,4-Dinitrotoluene	15.15	165	121898	38.675	ng	86
58) Fluorene	15.83	166	366512	36.733	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	115614	41.847	ng	97
60) Diethylphthalate	15.58	149	393261	37.545	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	196317	36.871	ng	97
62) 4-Nitroaniline	15.86	138	90495	37.020	ng	96
63) Azobenzene	16.10	77	354918	37.380	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	68862	37.797	ng	98
66) n-Nitrosodiphenylamine	16.03	169	345280	38.707	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	126164	36.580	ng	95
68) Hexachlorobenzene	16.82	284	131203	36.699	ng	95
69) Atrazine	16.97	200	138502	39.451	ng	95
70) Pentachlorophenol	17.17	266	168271	74.526	ng	95
71) Phenanthrene	17.57	178	617395	36.377	ng	99
72) Anthracene	17.66	178	622172	37.618	ng	99
73) Carbazole	17.94	167	551838	37.011	ng	98
74) Di-n-butylphthalate	18.46	149	658474	37.535	ng	99
75) Fluoranthene	19.57	202	720072	35.899	ng	98
77) Benzidine	19.75	184	139660	14.818	ng	99
78) Pyrene	19.93	202	716421	37.121	ng	98
80) Butylbenzylphthalate	20.80	149	300746	40.222	ng	95
81) Benzo(a)anthracene	21.80	228	668407	35.908	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	103993	15.302	ng	97
83) Chrysene	21.87	228	638629	35.389	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	415214	39.517	ng	99
85) Di-n-octyl phthalate	22.92	149	704048	40.468	ng	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	753346	36.798	ng	# 94
88) Benzo(b)fluoranthene	24.10	252	658744	36.039	ng	100
89) Benzo(k)fluoranthene	24.18	252	653974	38.436	ng	99
90) Benzo(a)pyrene	25.03	252	647944	38.362	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	618817	37.371	ng	99
92) Benzo(g,h,i)perylene	30.28	276	625099	37.588	ng	94

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

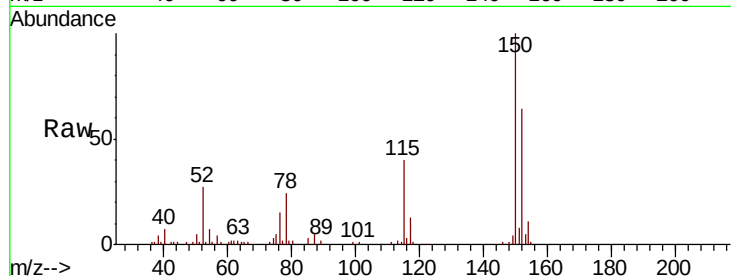


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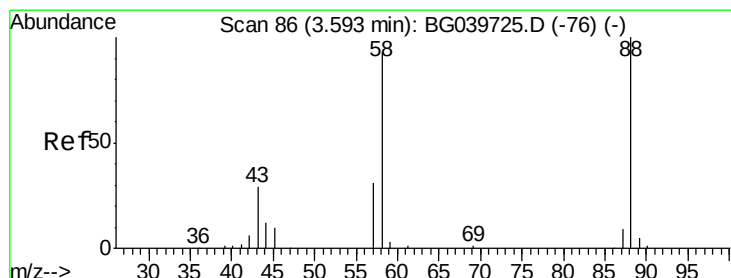
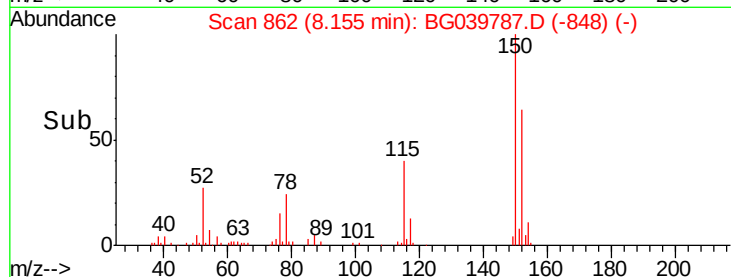
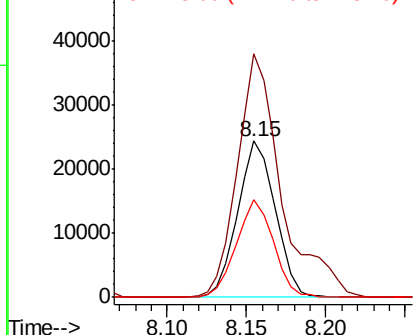
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tgt Ion:152 Resp: 40173
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 62.6 45.9 68.9



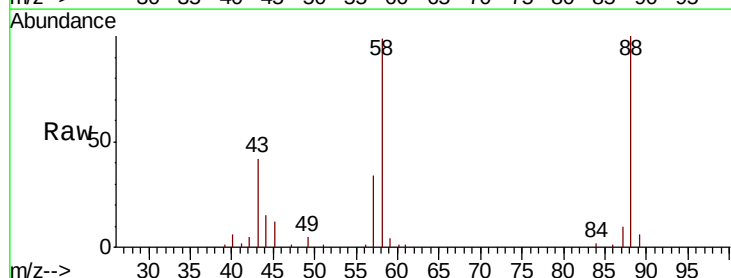
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



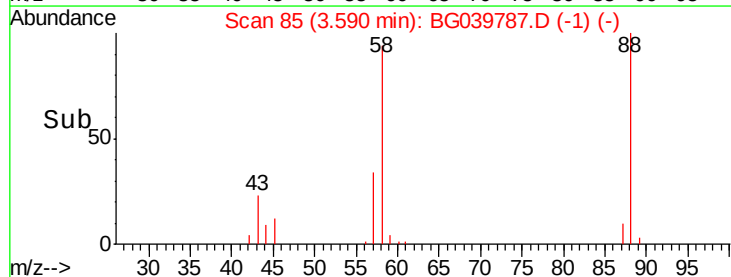
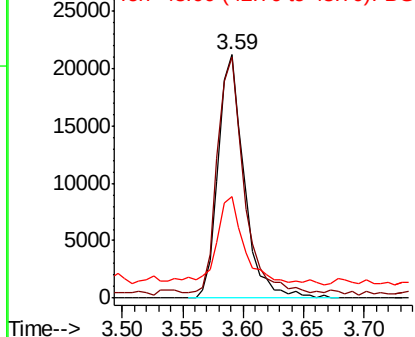
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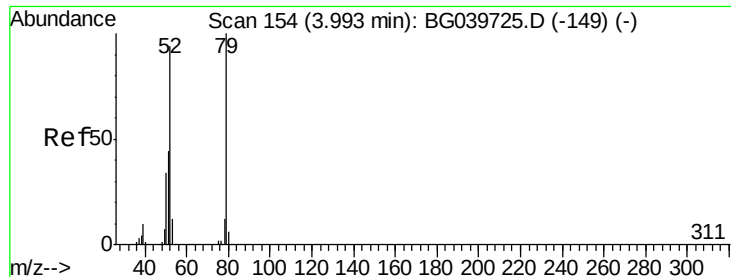
1,4-Dioxane
Concen: 28.904 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion: 88 Resp: 31423
Ion Ratio Lower Upper
88 100
58 97.7 81.1 121.7
43 36.6 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: 22.542 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

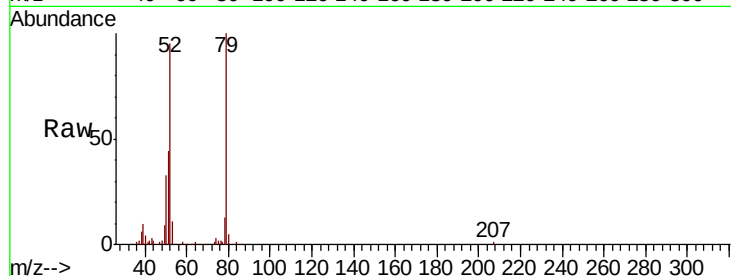
Tgt Ion: 79 Resp: 65607

Ion Ratio Lower Upper

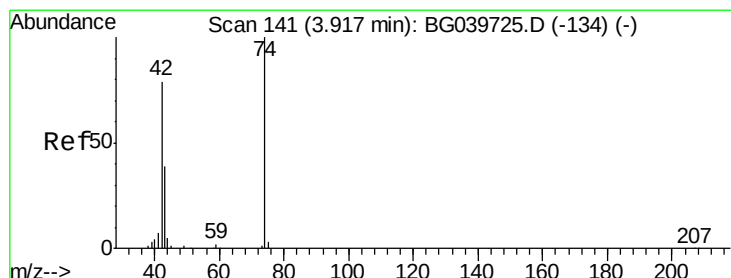
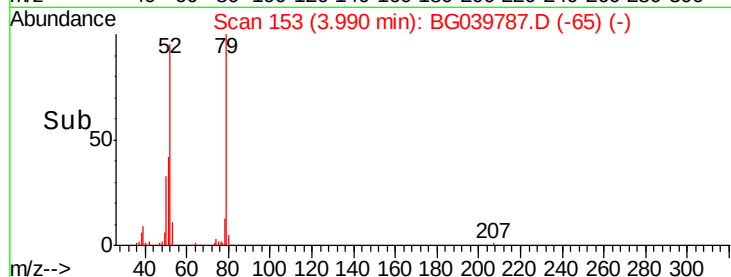
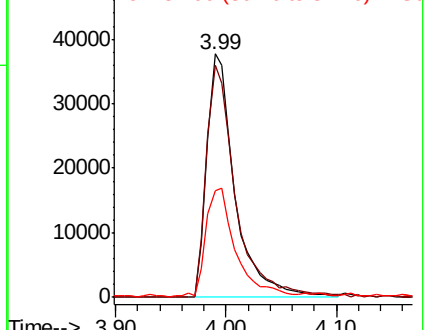
79 100

52 95.3 82.6 124.0

51 43.7 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 34.778 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

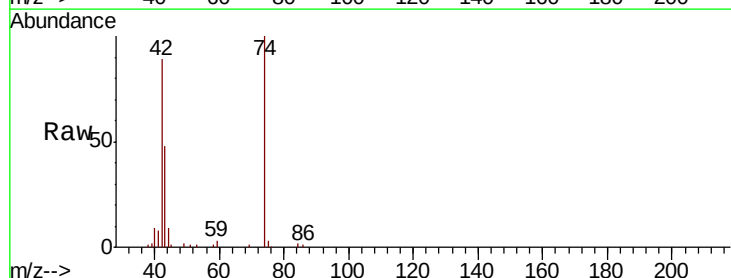
Tgt Ion: 42 Resp: 48019

Ion Ratio Lower Upper

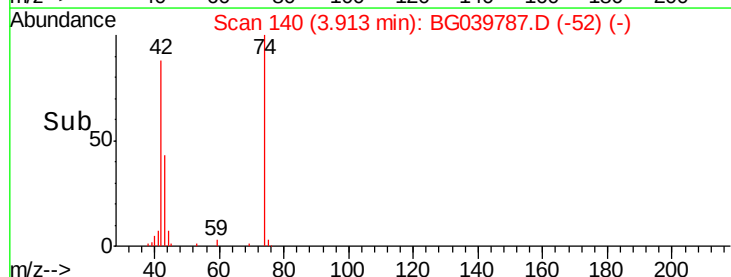
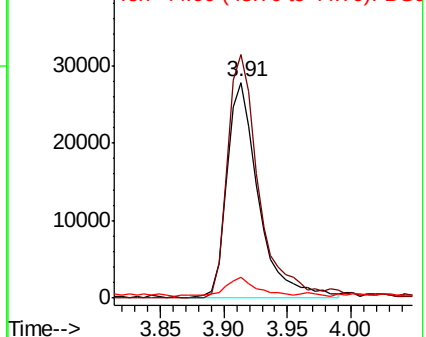
42 100

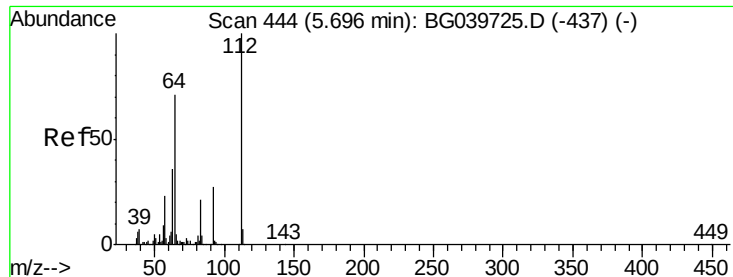
74 112.9 83.6 125.4

44 9.6 6.9 10.3



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





#5

2-Fluorophenol

Concen: 130.008 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

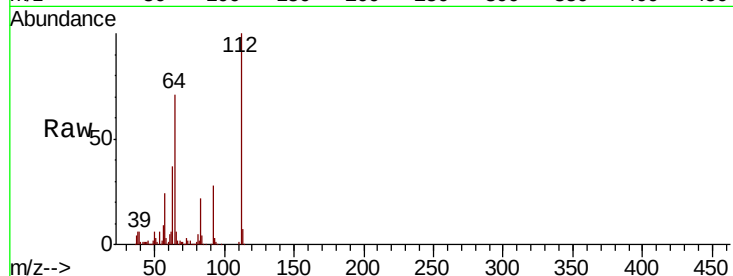
Tgt Ion: 112 Resp: 306141

Ion Ratio Lower Upper

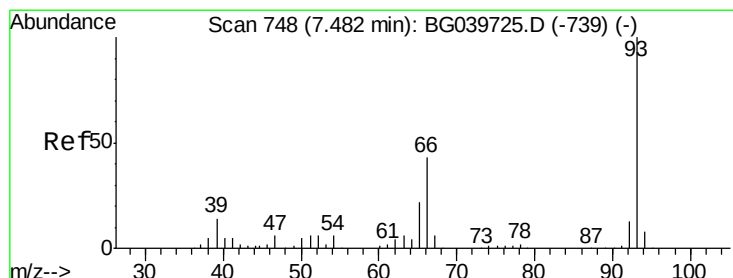
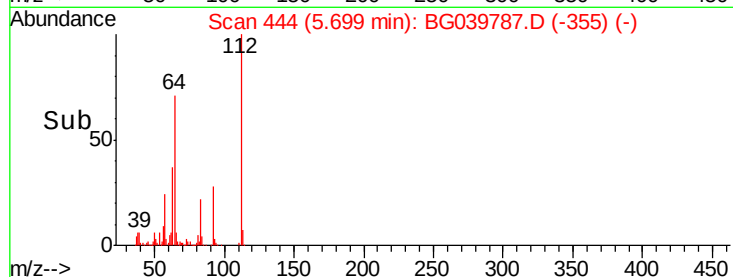
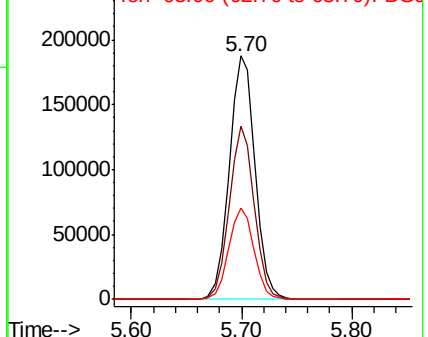
112 100

64 71.3 57.8 86.8

63 37.3 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: 14.086 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

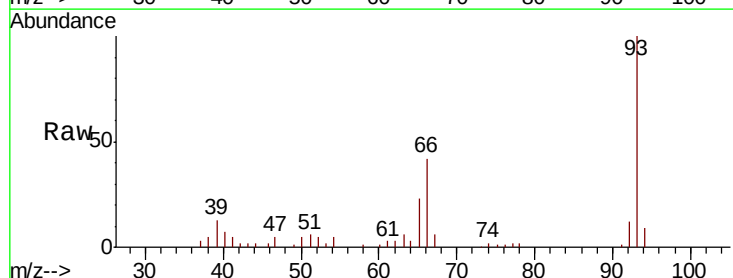
Tgt Ion: 93 Resp: 64799

Ion Ratio Lower Upper

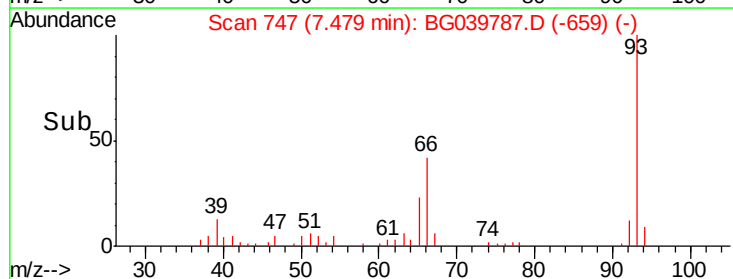
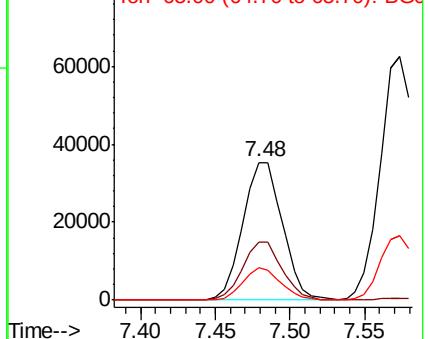
93 100

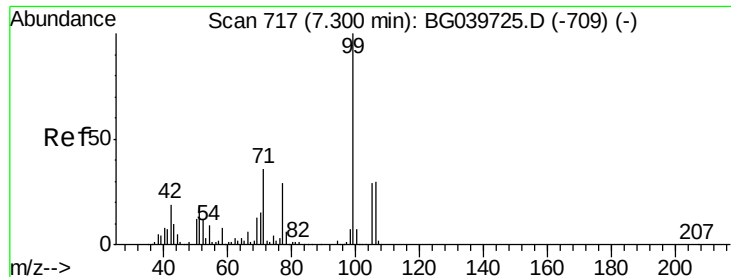
66 41.8 34.2 51.4

65 23.2 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: 131.029 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

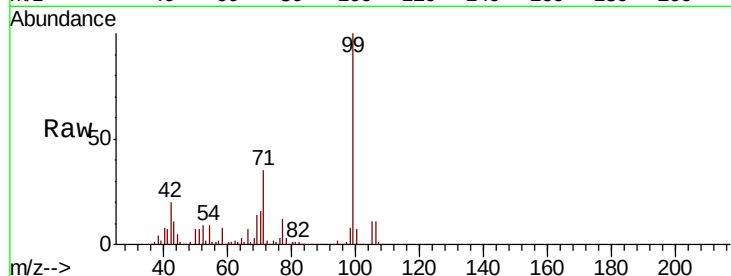
Tgt Ion: 99 Resp: 460059

Ion Ratio Lower Upper

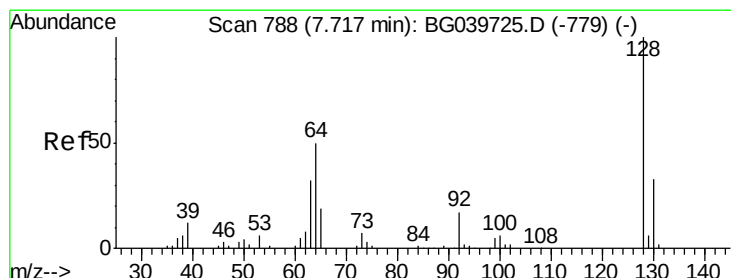
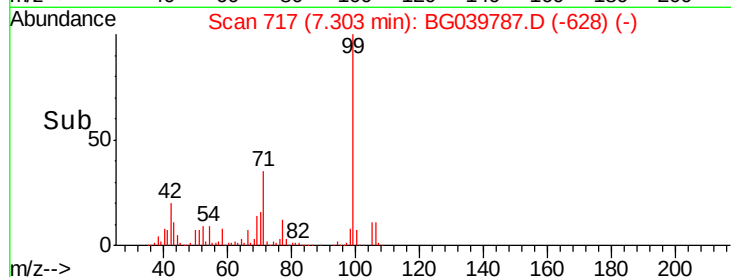
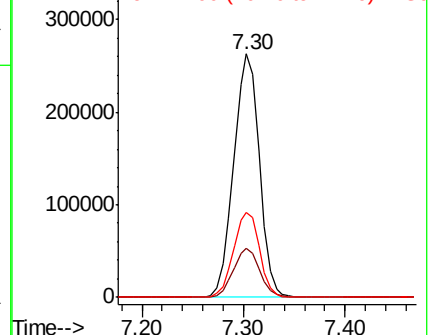
99 100

42 20.2 18.2 27.2

71 35.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 37.456 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

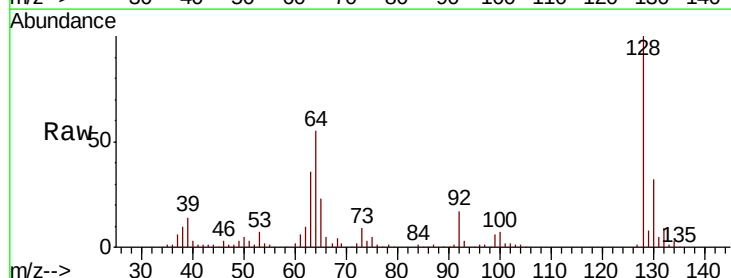
Tgt Ion: 128 Resp: 107005

Ion Ratio Lower Upper

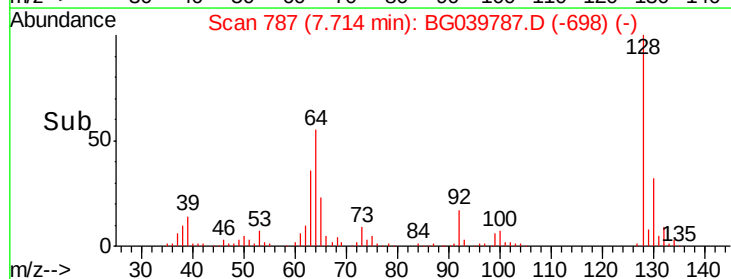
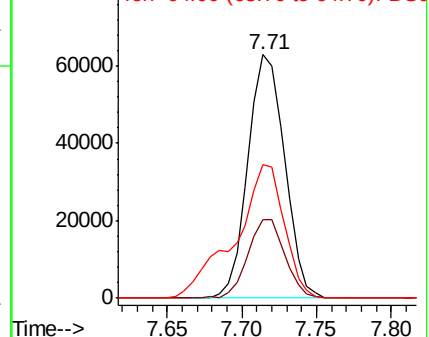
128 100

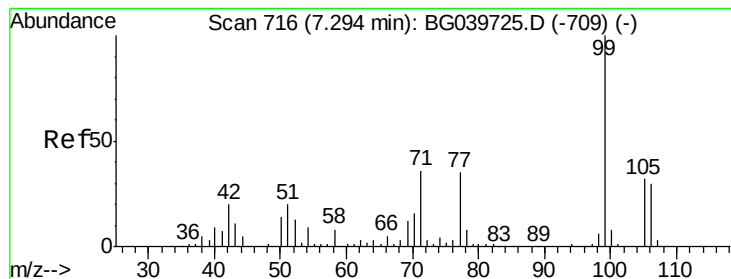
130 32.3 12.9 52.9

64 55.1 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: 29.309 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

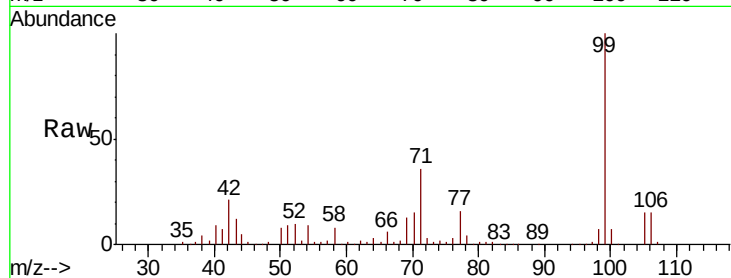
Tgt Ion: 77 Resp: 66381

Ion Ratio Lower Upper

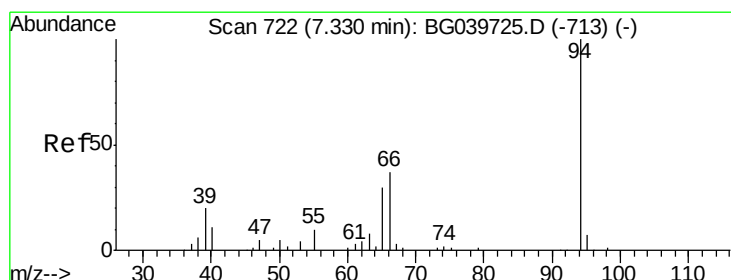
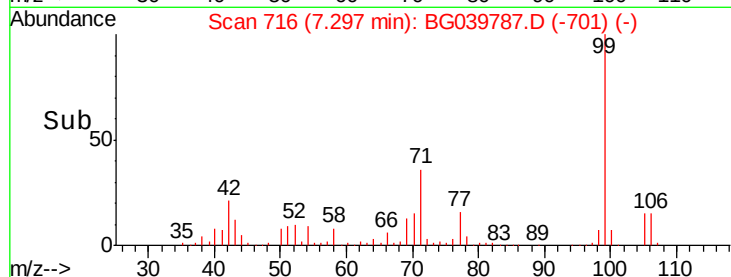
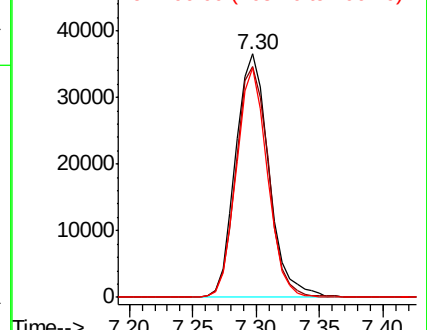
77 100

105 94.7 74.5 114.5

106 94.1 68.0 108.0



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



#10

Phenol

Concen: 47.626 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

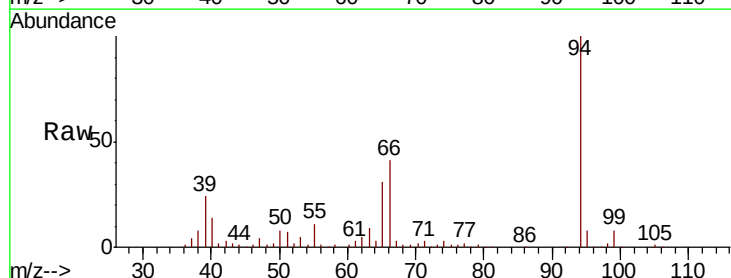
Tgt Ion: 94 Resp: 181156

Ion Ratio Lower Upper

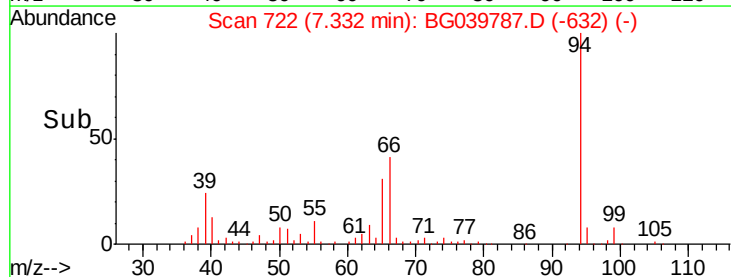
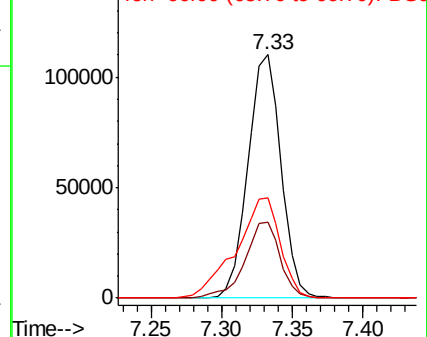
94 100

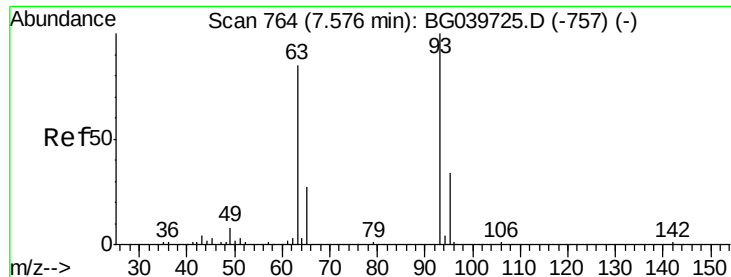
65 31.3 11.7 51.7

66 41.4 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

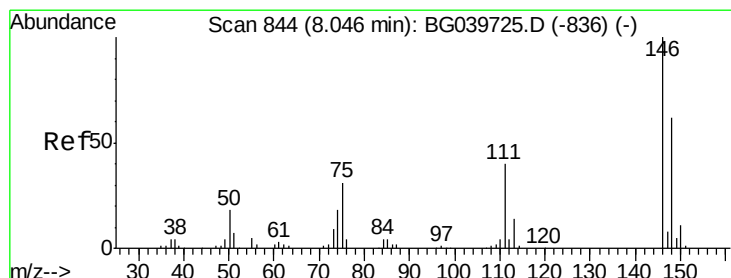
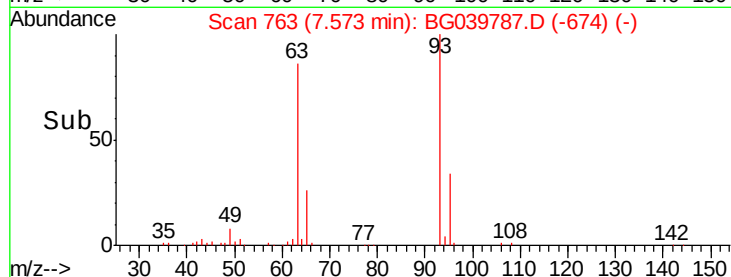
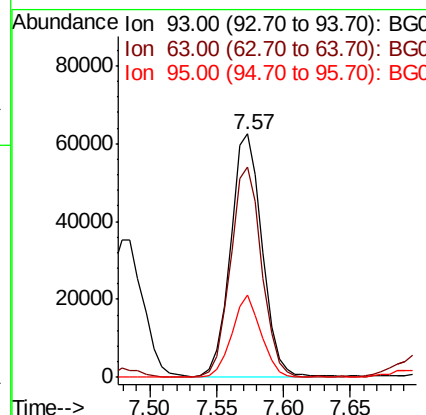
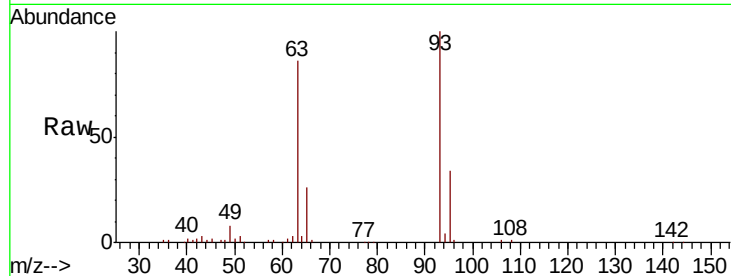




#11
 bis(2-Chloroethyl)ether
 Concen: 34.783 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

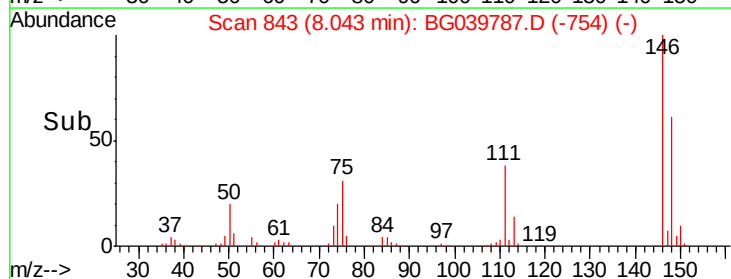
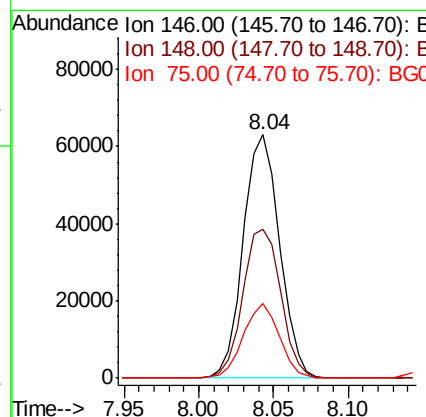
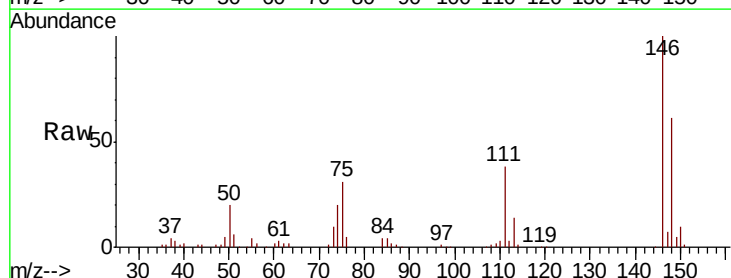
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

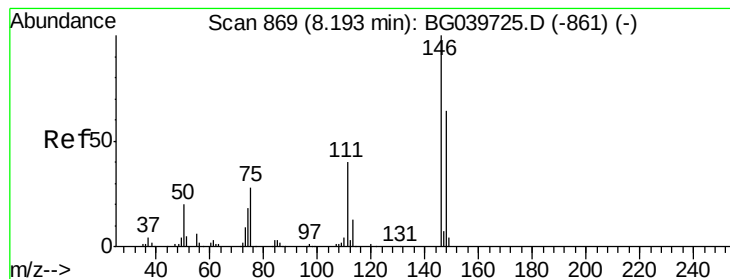
Tgt Ion: 93 Resp: 103152
 Ion Ratio Lower Upper
 93 100
 63 86.2 69.5 109.5
 95 33.7 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 32.961 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion: 146 Resp: 106497
 Ion Ratio Lower Upper
 146 100
 148 61.0 52.6 79.0
 75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 32.824 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

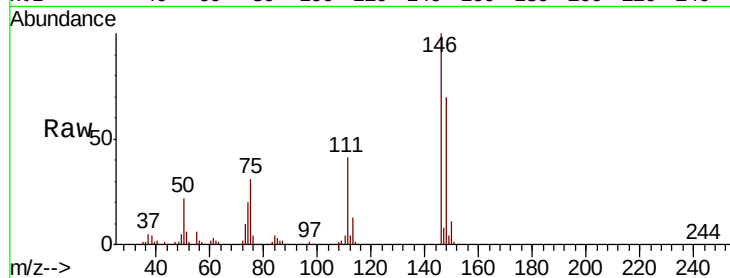
Tgt Ion:146 Resp: 108024

Ion Ratio Lower Upper

146 100

148 69.7 51.1 76.7

111 41.0 32.6 48.8

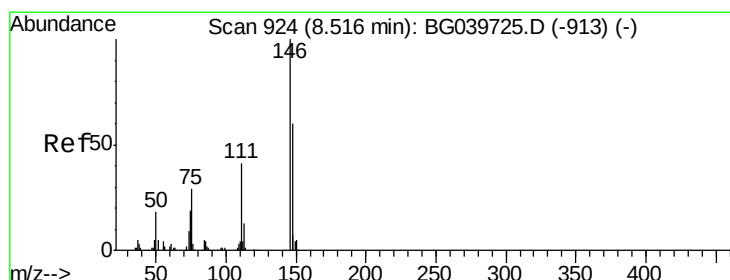
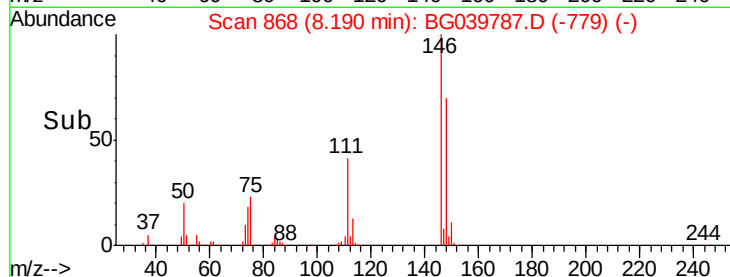
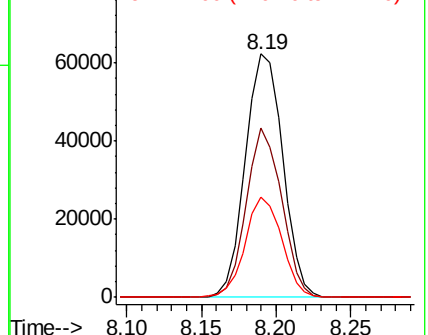


Abundance

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: 33.669 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

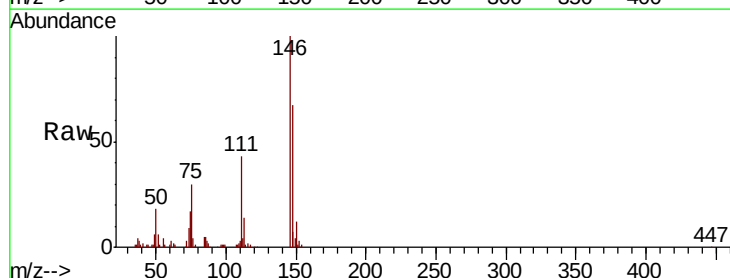
Tgt Ion:146 Resp: 107060

Ion Ratio Lower Upper

146 100

148 66.5 51.5 77.3

111 42.8 33.8 50.6

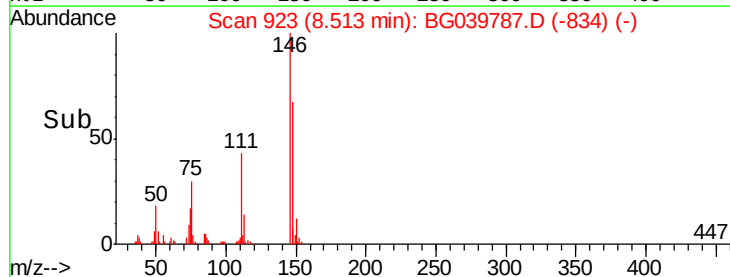
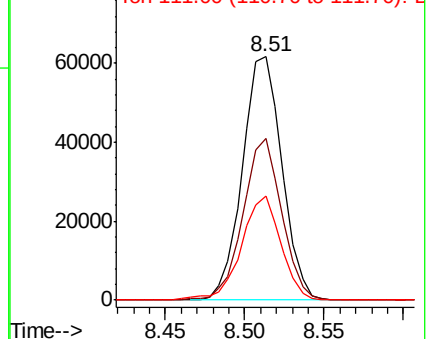


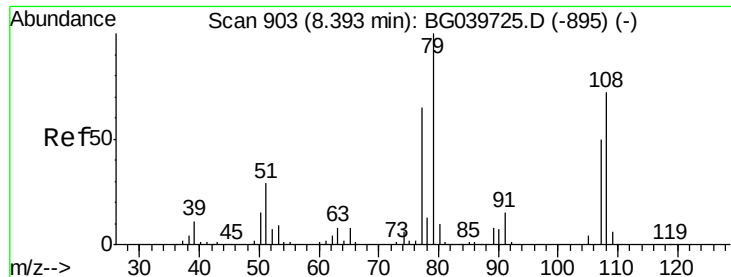
Abundance

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: 37.732 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

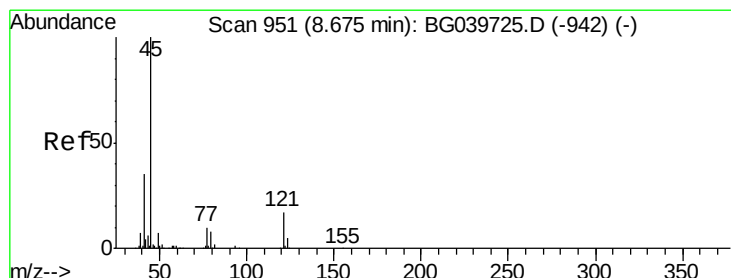
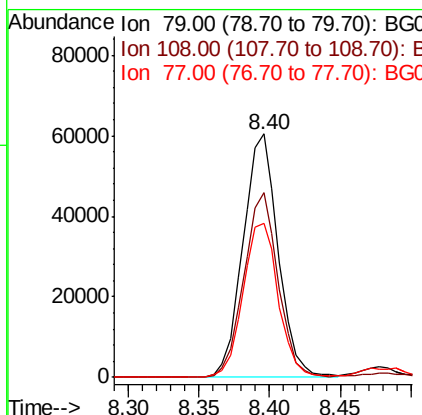
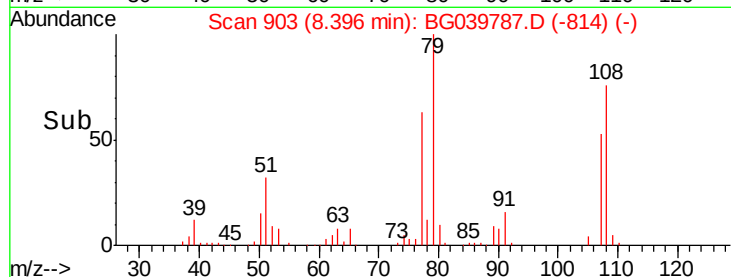
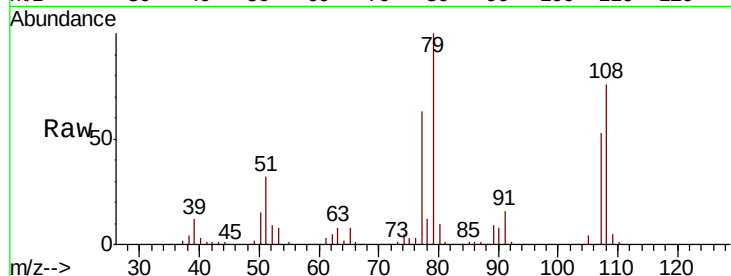
Tgt Ion: 79 Resp: 105091

Ion Ratio Lower Upper

79 100

108 75.7 57.8 86.6

77 63.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.620 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

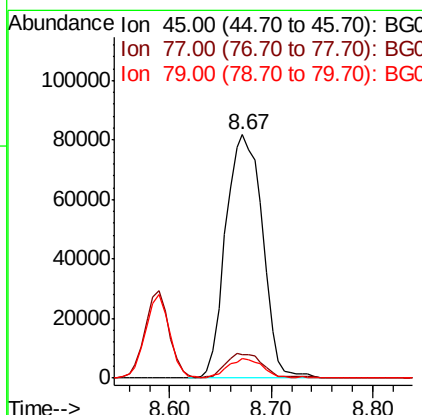
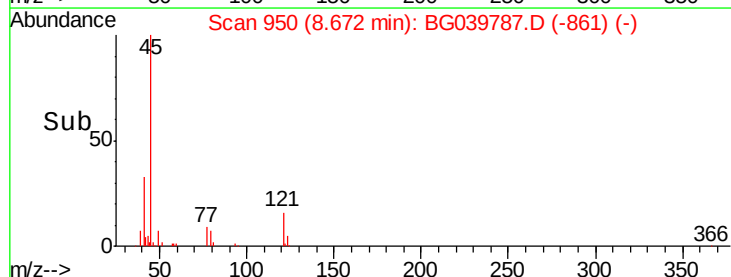
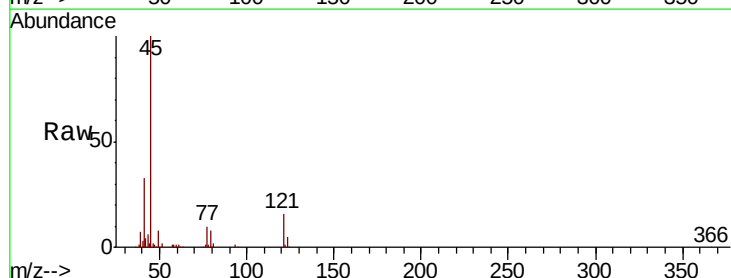
Tgt Ion: 45 Resp: 205342

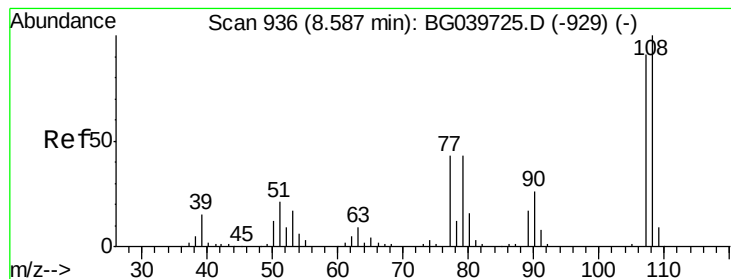
Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.0

79 8.0 0.0 27.5





#17

2-Methylphenol

Concen: 39.445 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tgt Ion:107 Resp: 95669

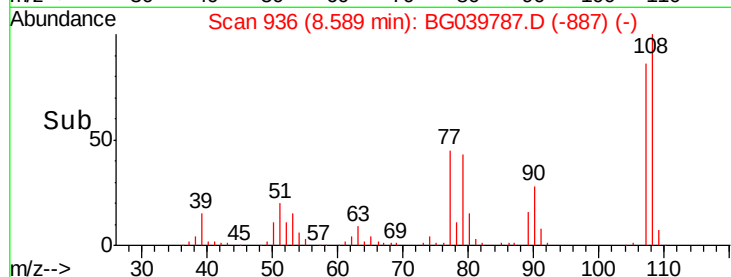
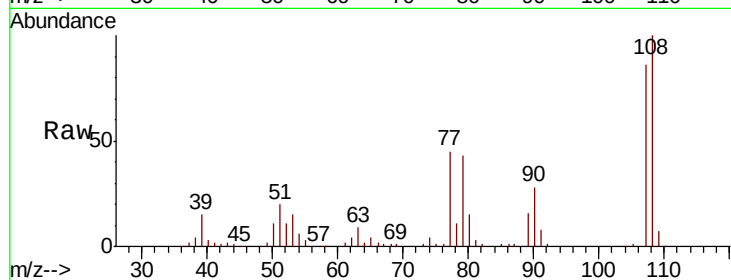
Ion Ratio Lower Upper

107 100

108 116.0 90.8 136.2

77 51.6 40.7 61.1

79 49.3 40.6 60.8

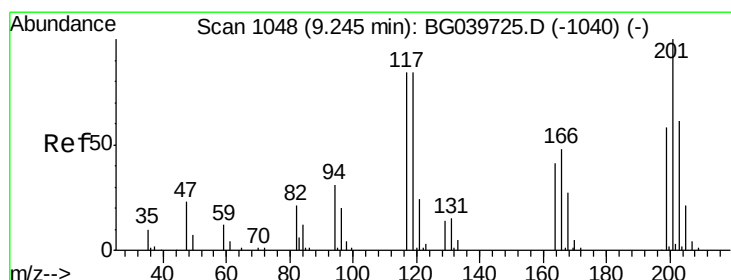
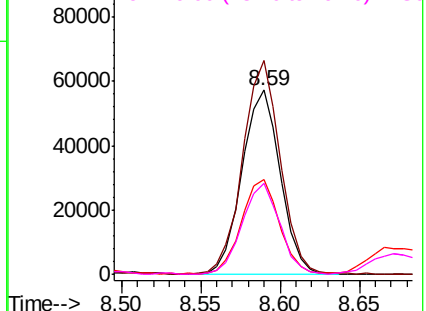


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.976 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

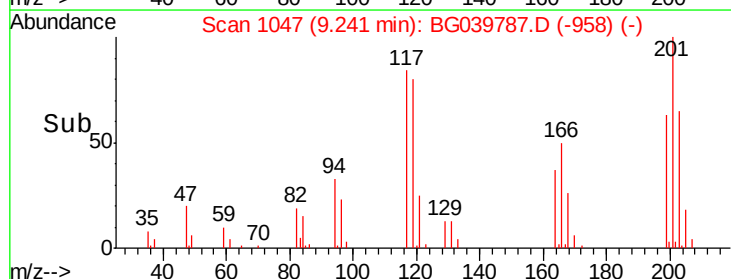
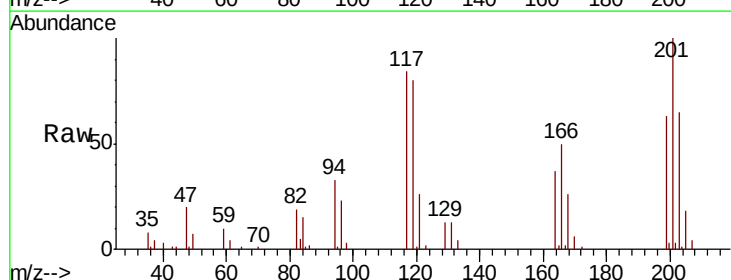
Tgt Ion:117 Resp: 38941

Ion Ratio Lower Upper

117 100

119 95.3 76.3 114.5

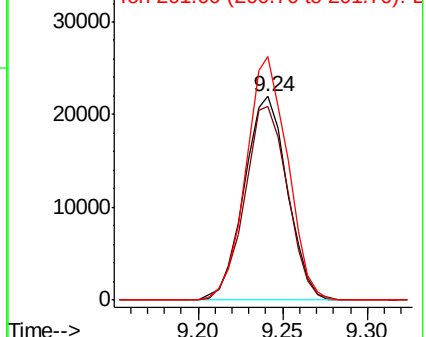
201 119.7 91.1 136.7

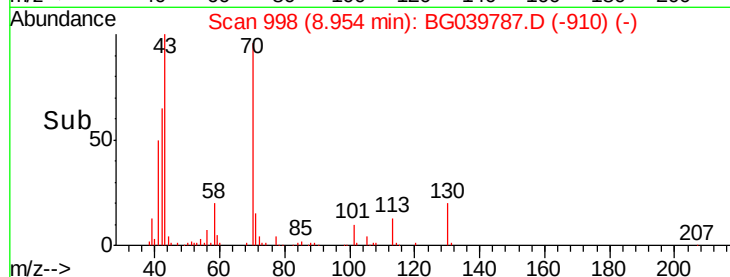
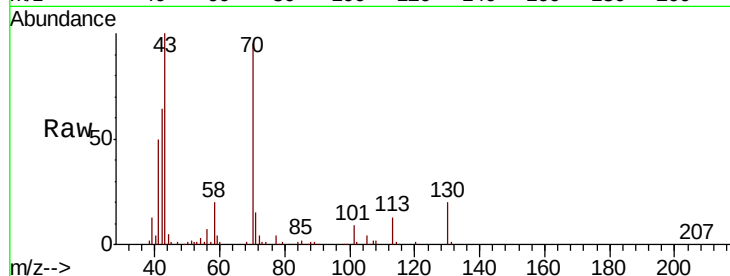
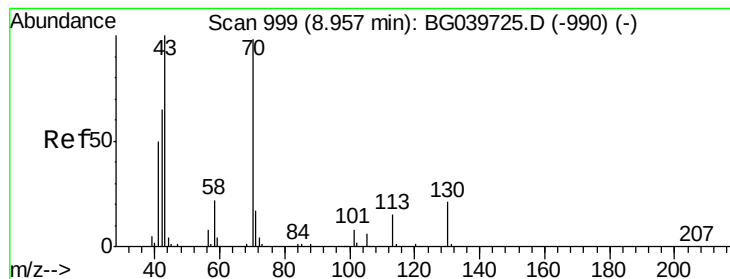


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.308 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tgt Ion: 70 Resp: 89232

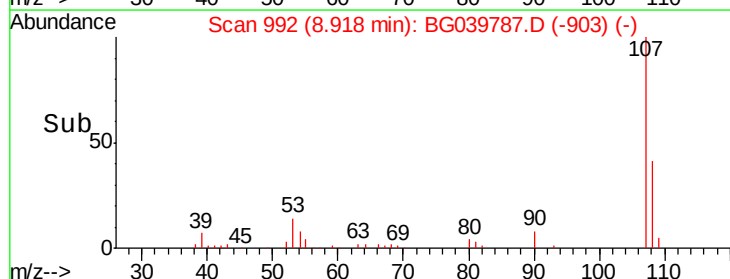
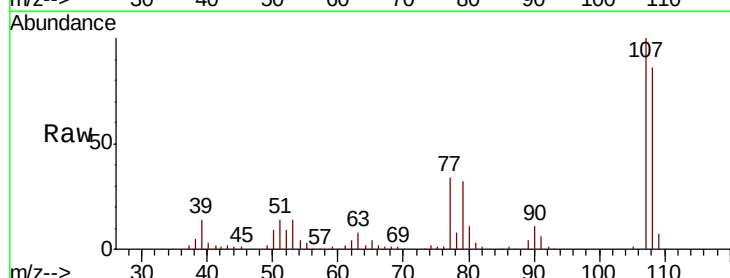
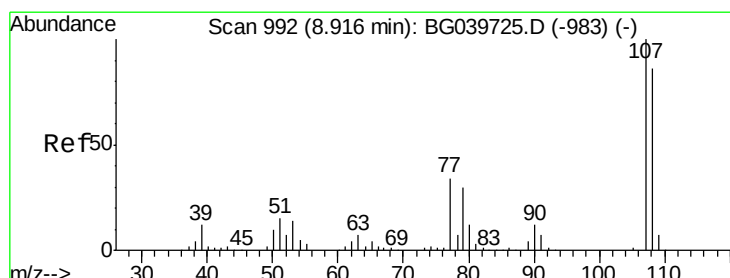
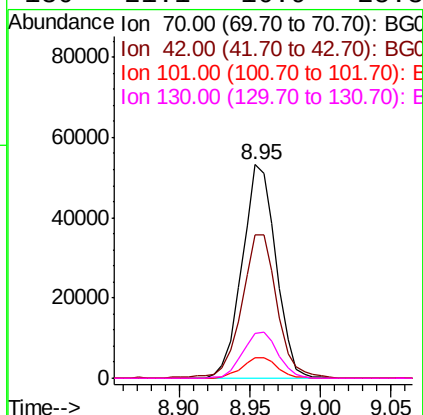
Ion Ratio Lower Upper

70 100

42 67.4 60.4 90.6

101 9.9 7.5 11.3

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.147 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion: 107 Resp: 135270

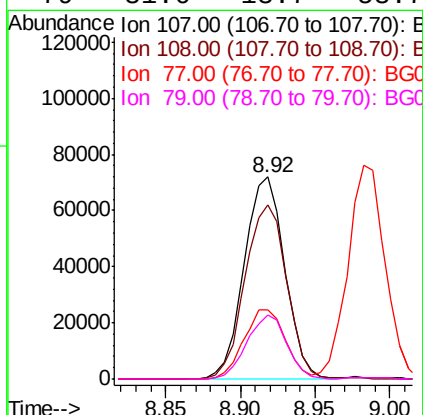
Ion Ratio Lower Upper

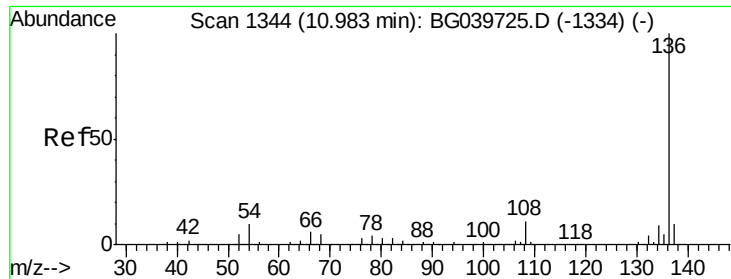
107 100

108 86.5 67.9 107.9

77 34.2 15.4 55.4

79 31.6 13.7 53.7

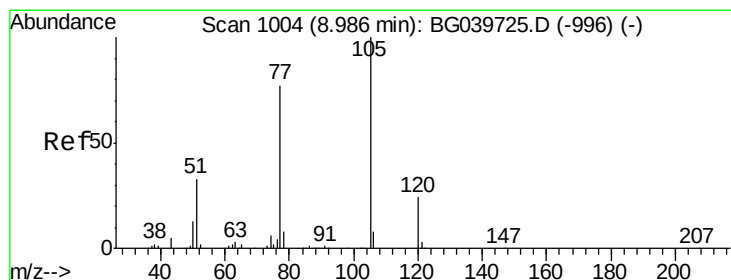
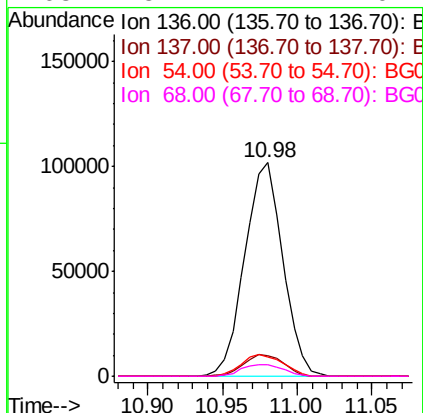
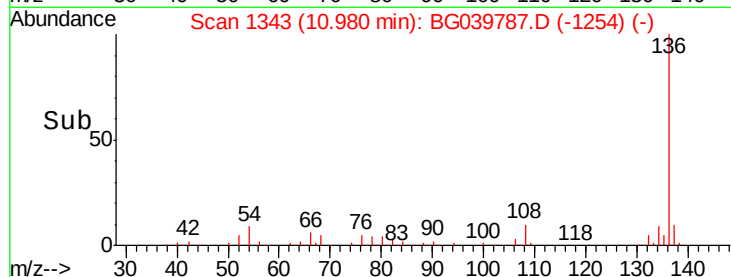
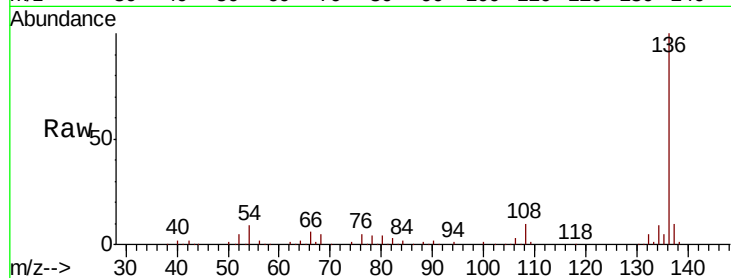




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

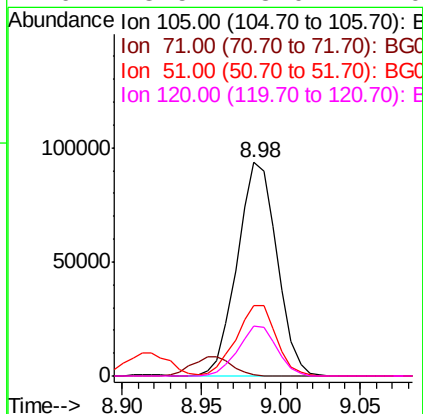
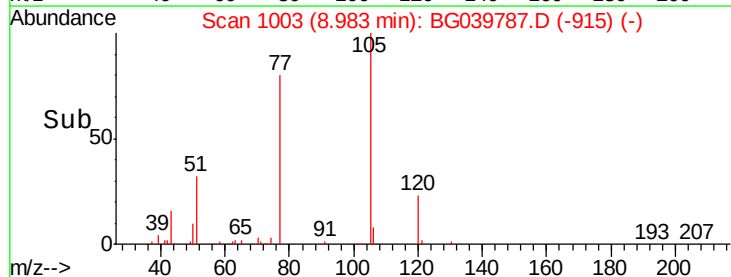
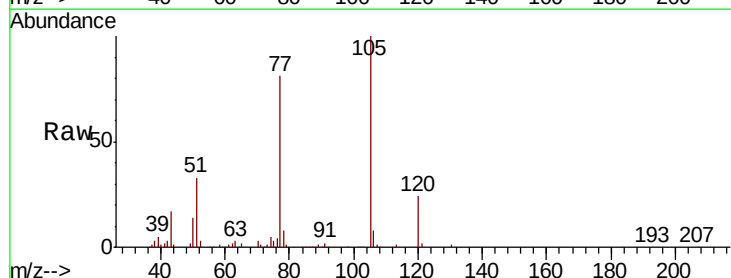
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

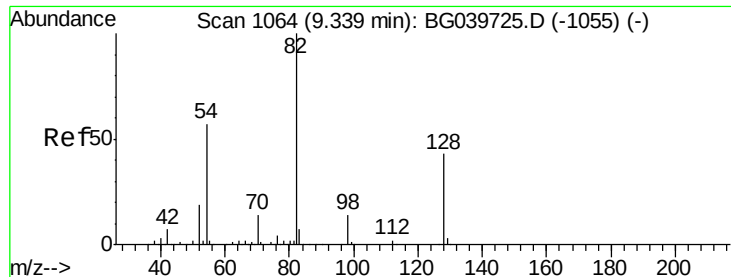
Tgt Ion:	136	Resp:	180061
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.1	13.7
54	9.0	9.4	14.2#
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 33.572 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:	105	Resp:	162245
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.0	30.2	45.2
120	23.5	18.0	27.0

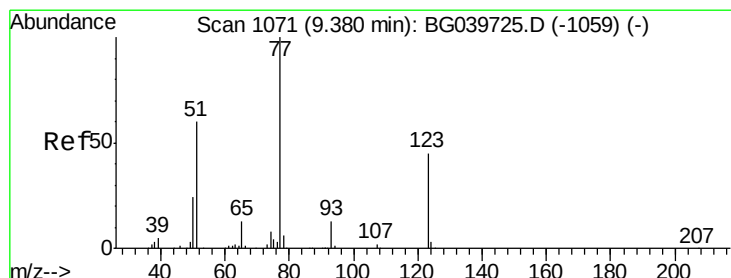
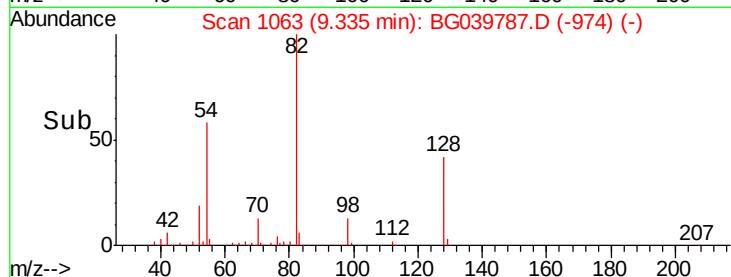
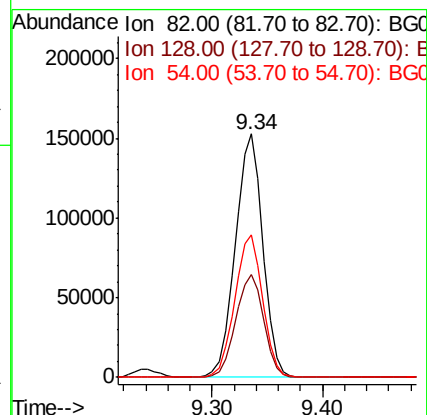
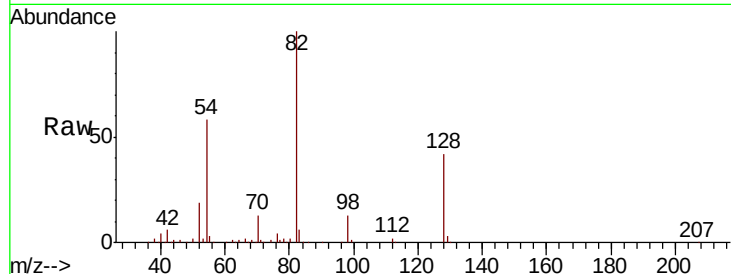




#23
 Nitrobenzene-d5
 Concen: 80.112 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

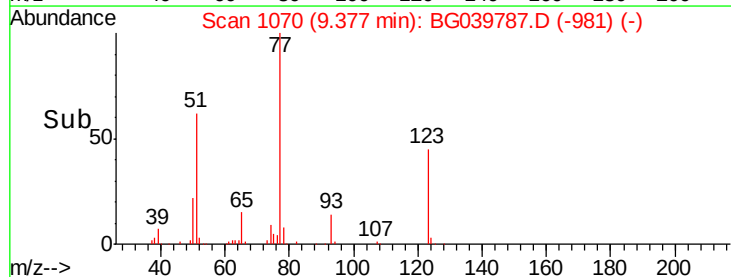
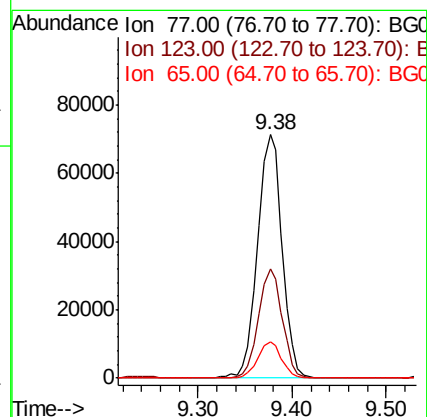
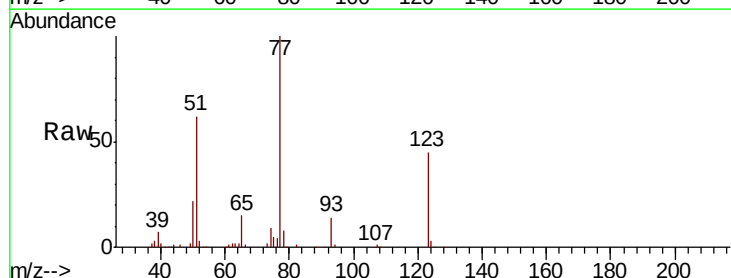
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

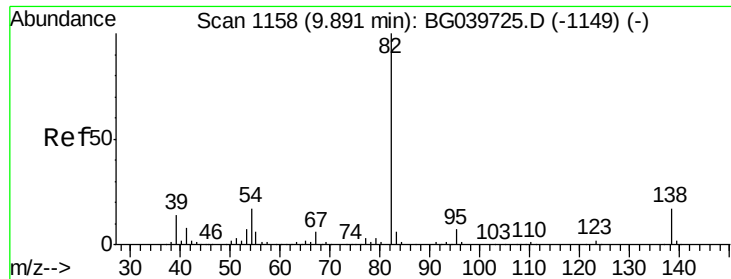
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	58.4	50.9	76.3



#24
 Nitrobenzene
 Concen: 36.863 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.1	51.1
65	14.8	12.3	18.5

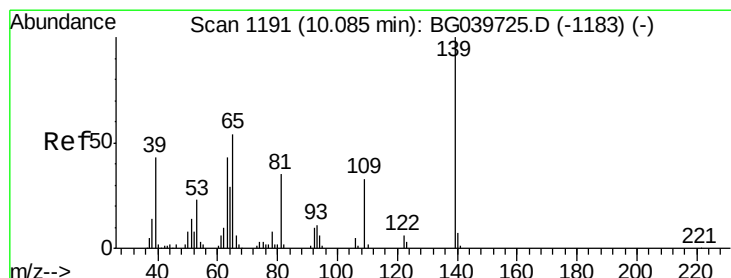
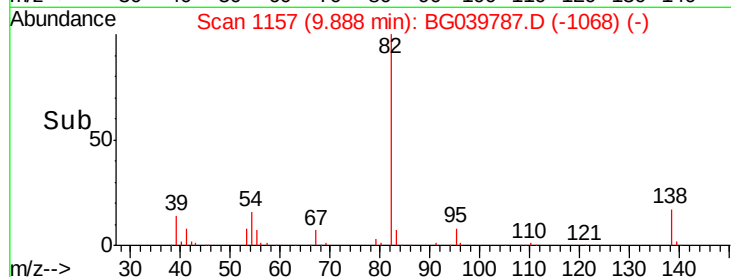
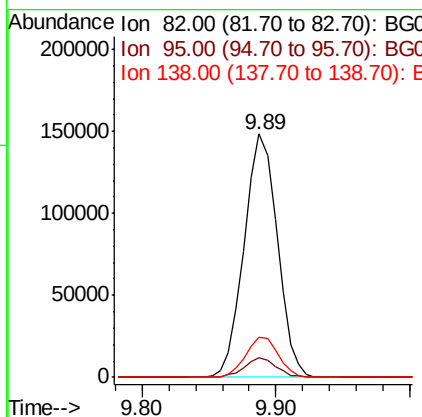
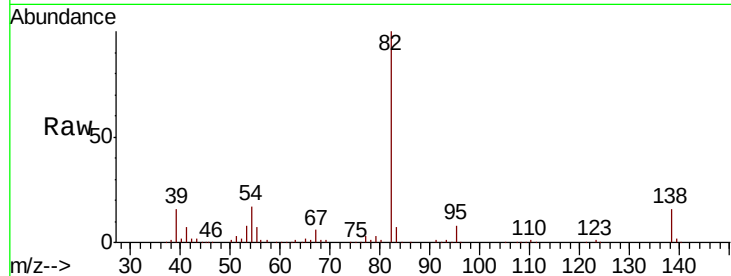




#25
Isophorone
Concen: 36.617 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

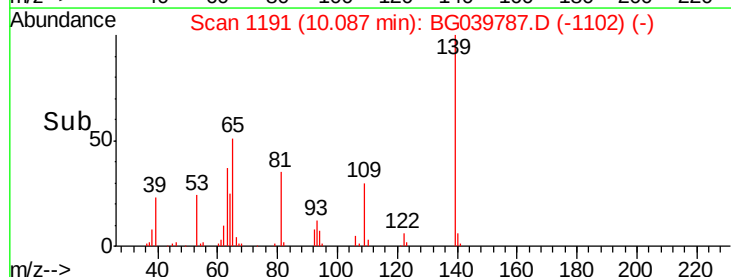
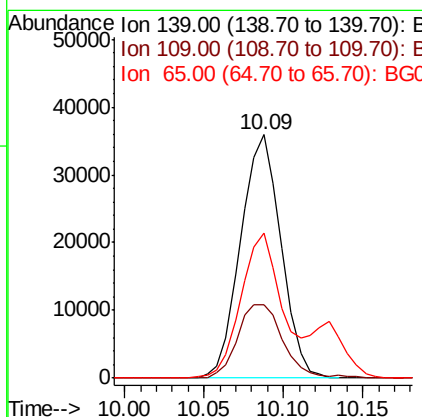
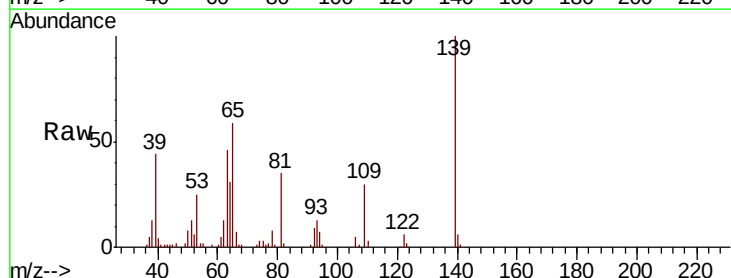
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

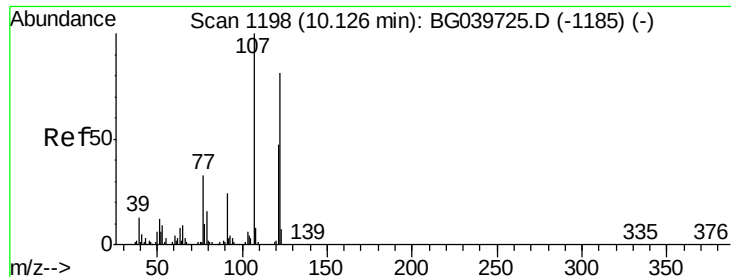
Tgt Ion: 82 Resp: 255437
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 16.5 13.0 19.4



#26
2-Nitrophenol
Concen: 37.634 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion: 139 Resp: 63463
Ion Ratio Lower Upper
139 100
109 30.0 23.4 35.0
65 59.4 44.3 66.5

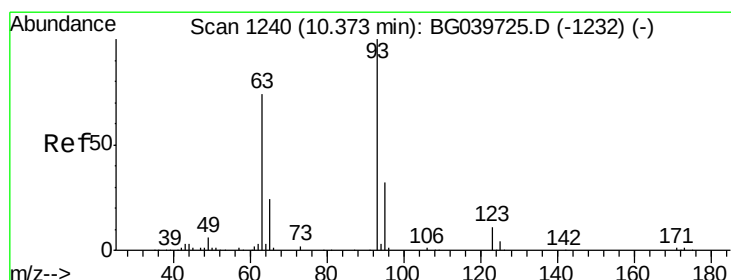
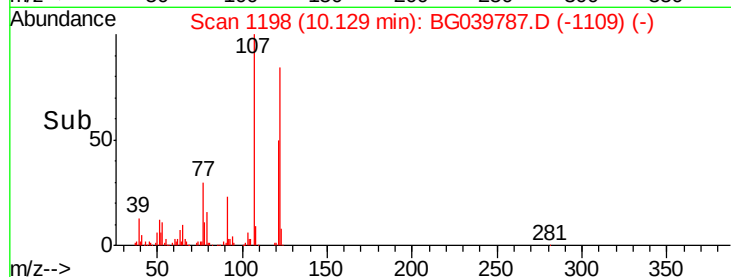
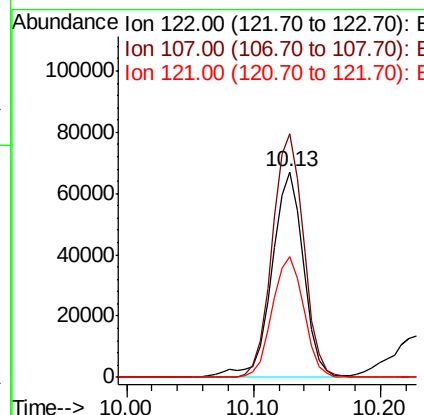
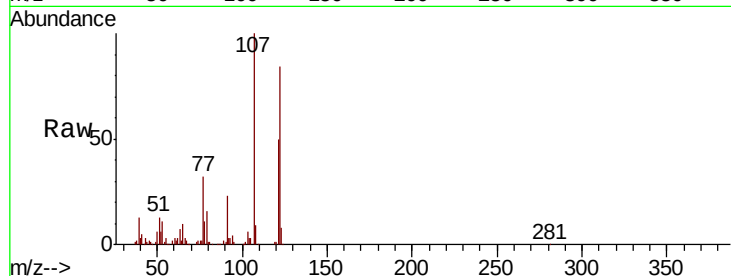




#27
 2,4-Dimethylphenol
 Concen: 44.255 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

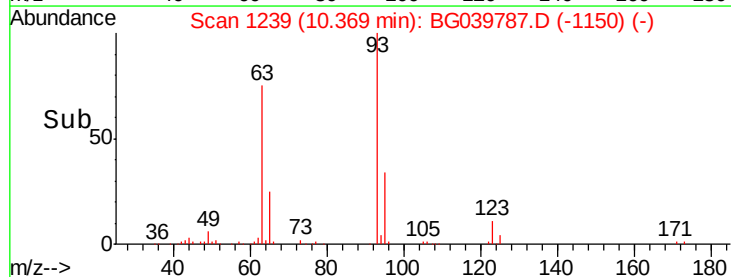
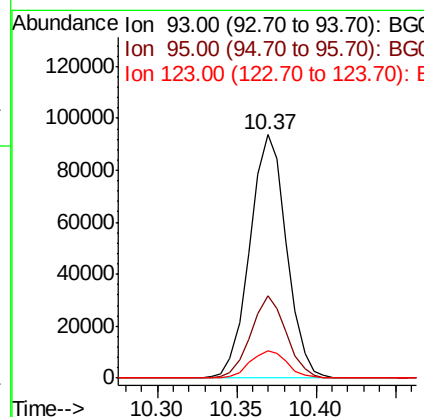
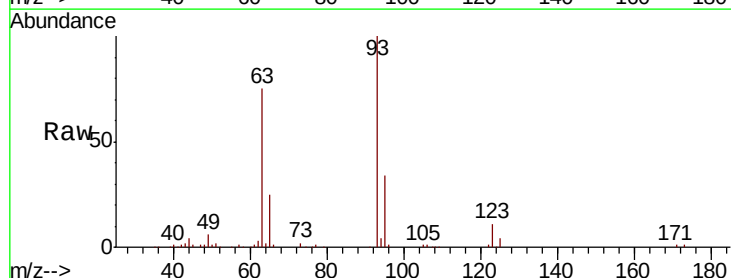
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

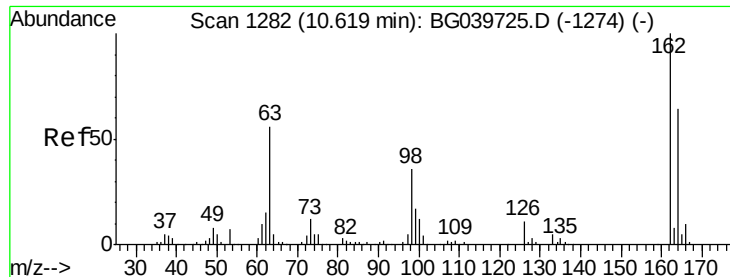
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.4	91.7	137.5
121	58.7	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.580 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.0	37.4
123	11.3	8.6	12.8

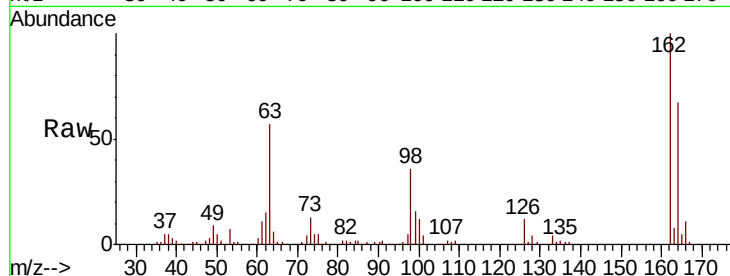




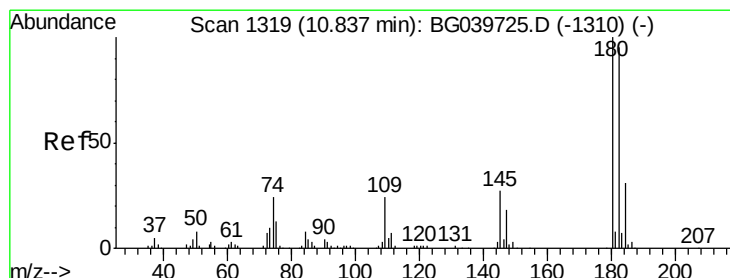
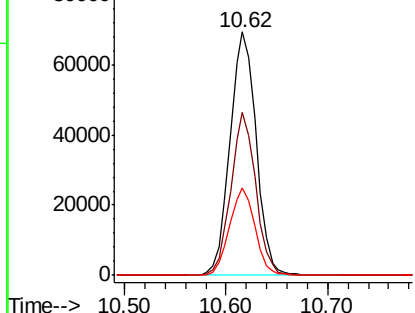
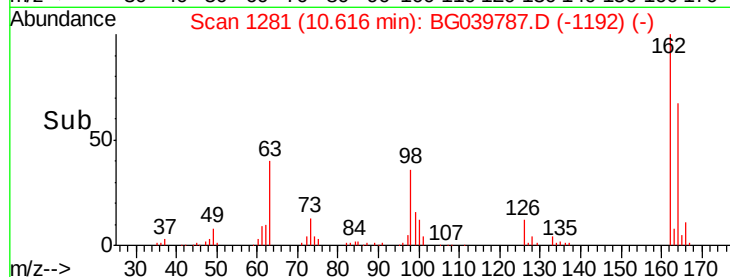
#29
 2,4-Dichlorophenol
 Concen: 42.008 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tgt Ion:162 Resp: 124044
 Ion Ratio Lower Upper
 162 100
 164 66.7 48.1 88.1
 98 36.0 18.1 58.1

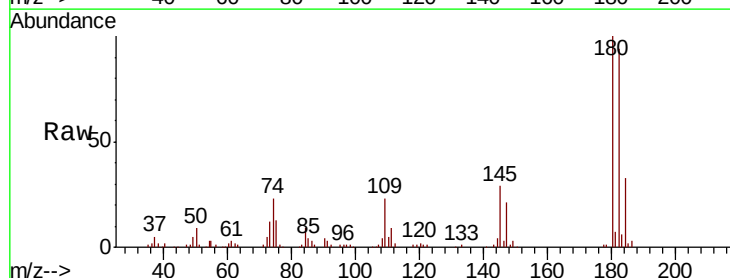


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

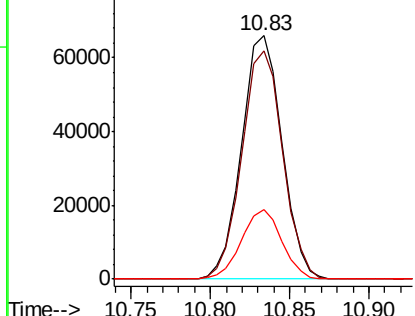
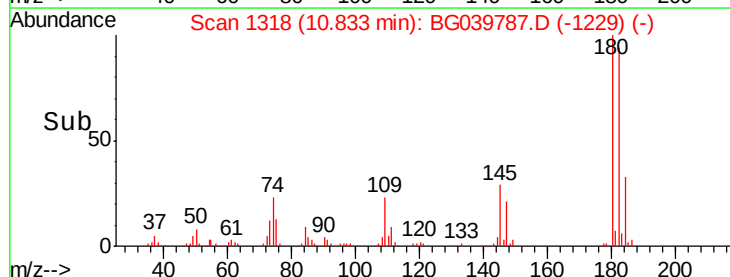


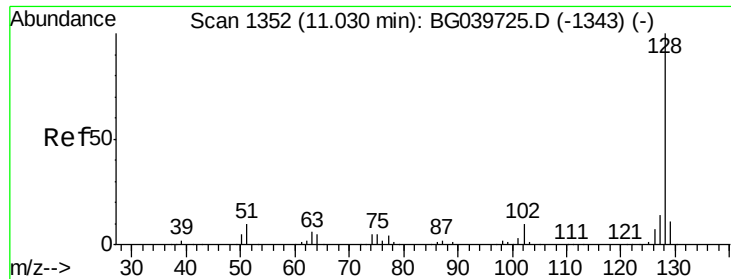
#30
 1,2,4-Trichlorobenzene
 Concen: 35.349 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion:180 Resp: 117454
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.0 114.0
 145 28.6 22.7 34.1



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

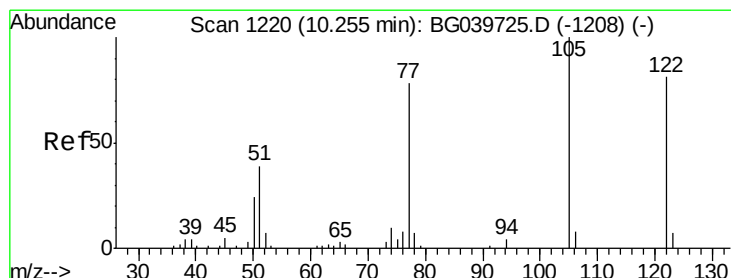
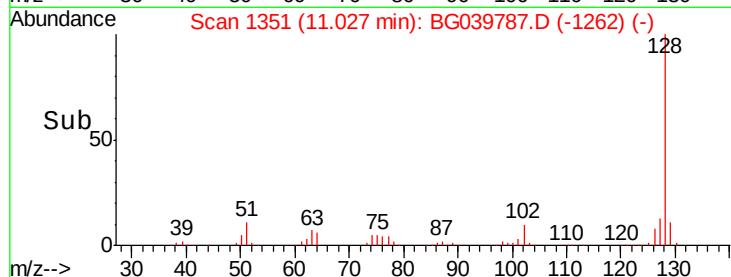
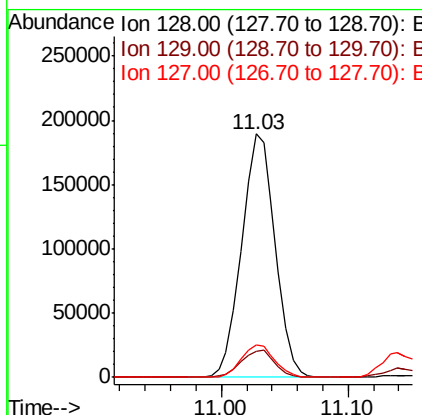
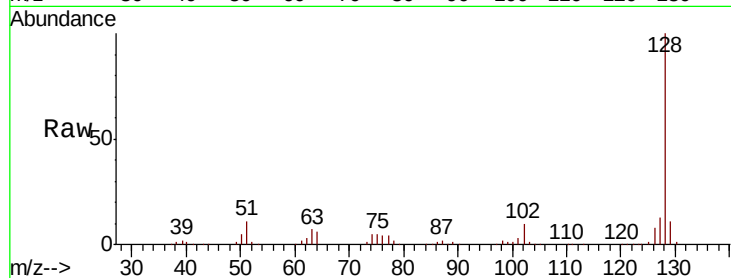




#31
Naphthalene
Concen: 36.244 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

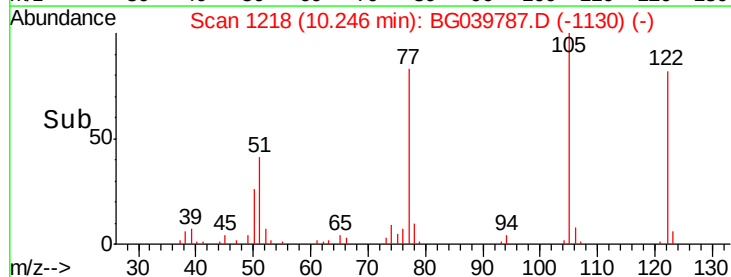
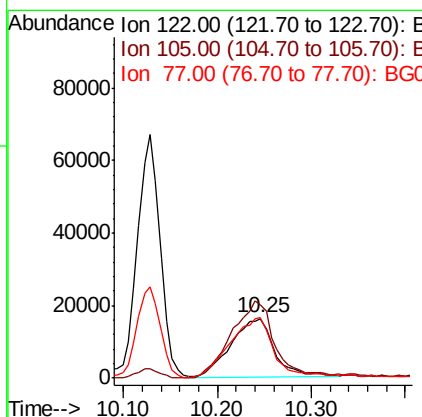
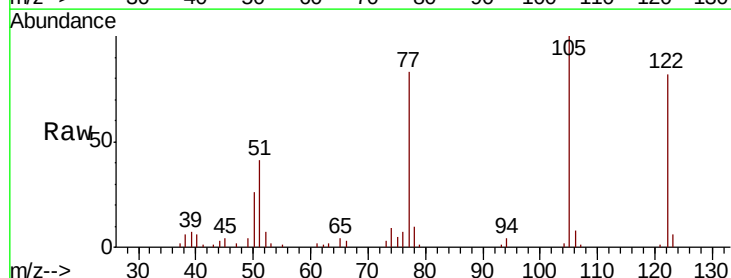
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

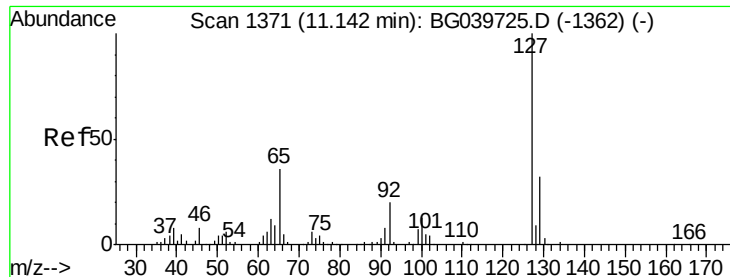
Tgt Ion:128 Resp: 345527
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 31.449 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:122 Resp: 51883
Ion Ratio Lower Upper
122 100
105 122.5 101.8 141.8
77 102.0 76.3 116.3

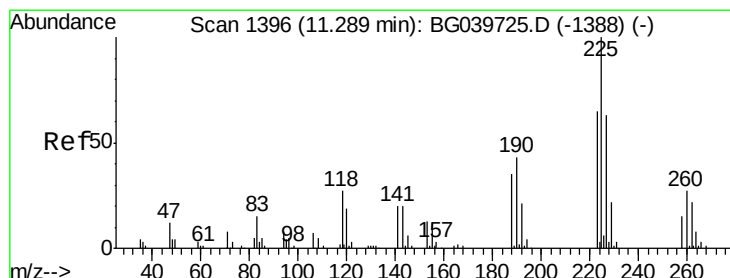
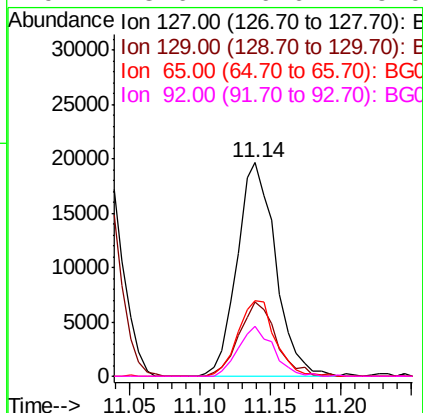
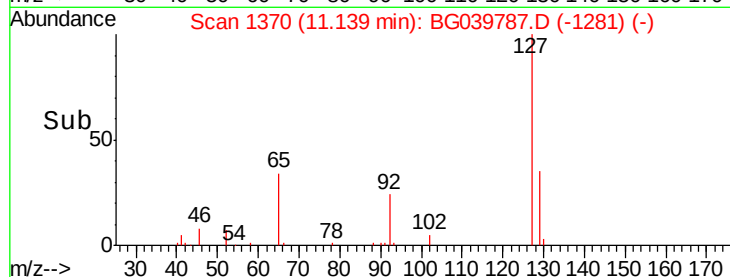
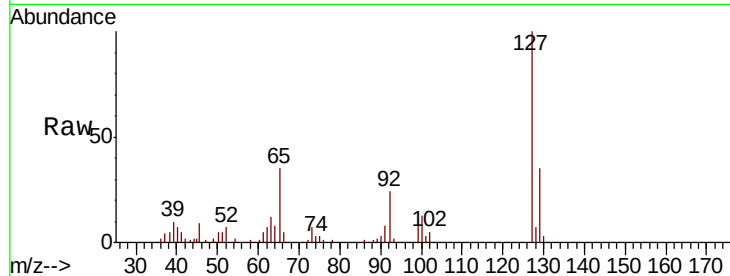




#33
4-Chloroaniline
Concen: 9.298 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

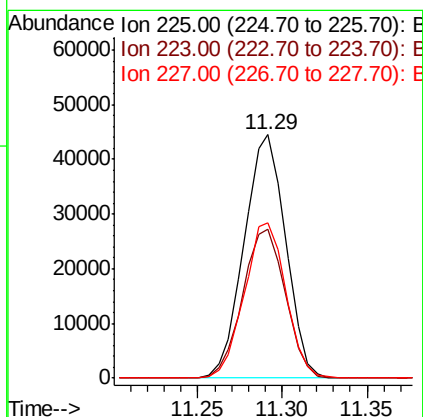
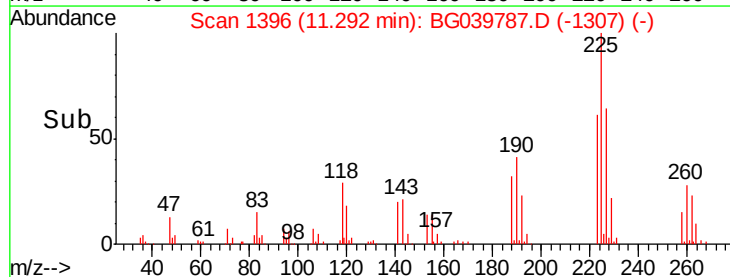
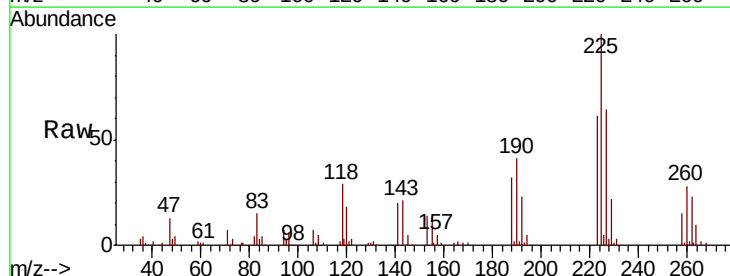
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

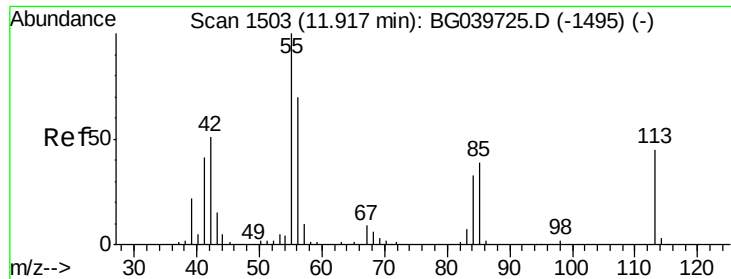
Tgt Ion:	127	Resp:	37586
Ion	Ratio	Lower	Upper
127	100		
129	34.6	27.0	40.4
65	35.2	28.8	43.2
92	23.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 33.464 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:	225	Resp:	75983
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.0	73.6
227	64.0	46.3	69.5

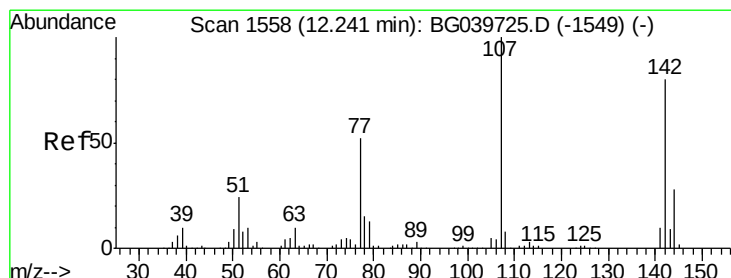
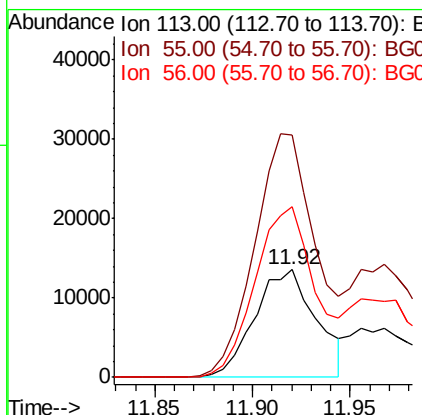
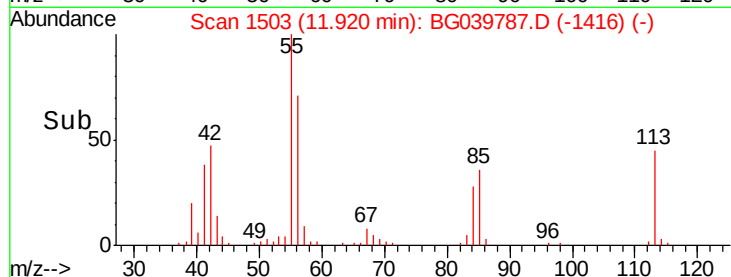
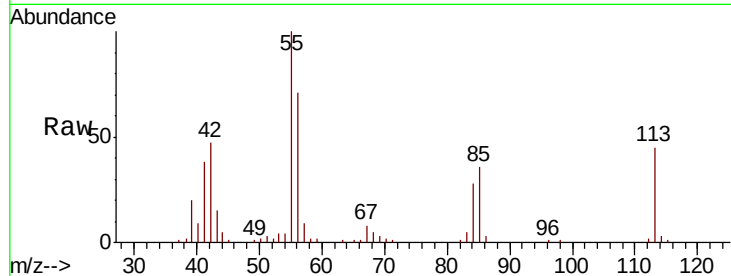




#35
Caprolactam
Concen: 26.159 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

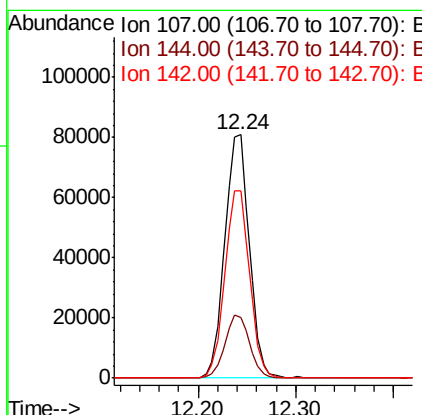
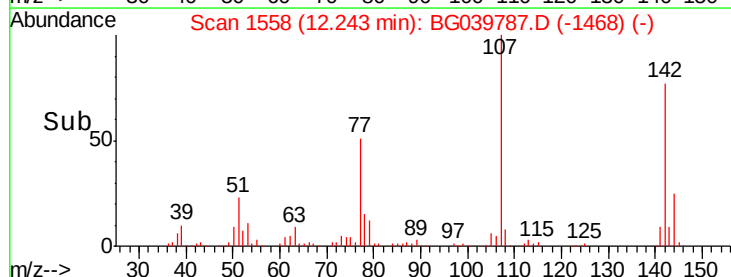
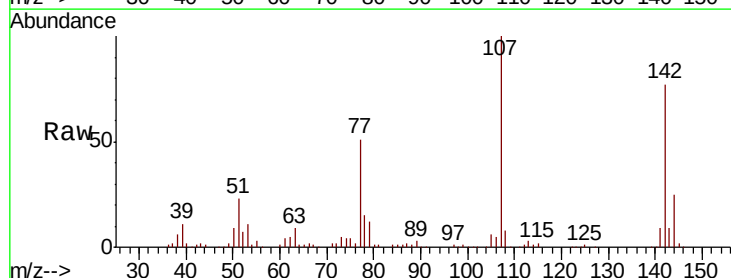
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

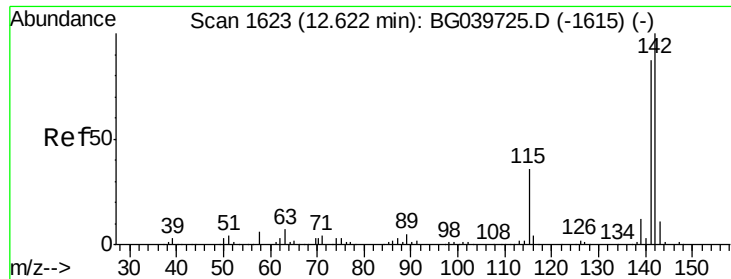
Tgt Ion:113 Resp: 29507
Ion Ratio Lower Upper
113 100
55 224.4 216.9 256.9
56 158.9 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 41.714 ng
RT: 12.24 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:107 Resp: 141200
Ion Ratio Lower Upper
107 100
144 24.9 20.2 30.2
142 76.9 61.4 92.2

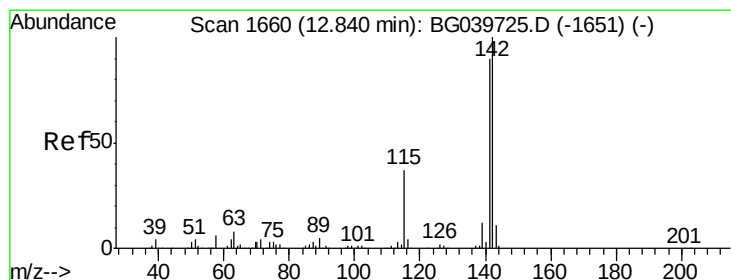
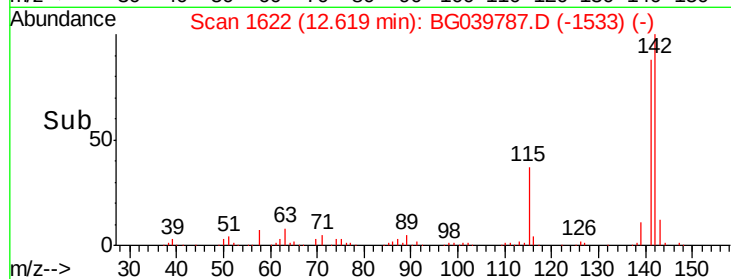
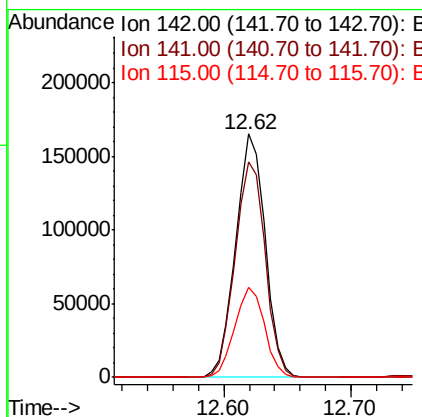
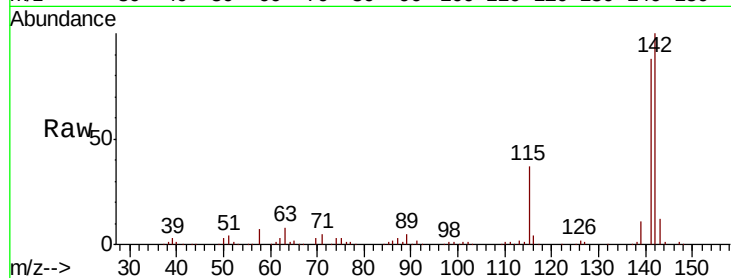




#37
 2-Methylnaphthalene
 Concen: 37.345 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

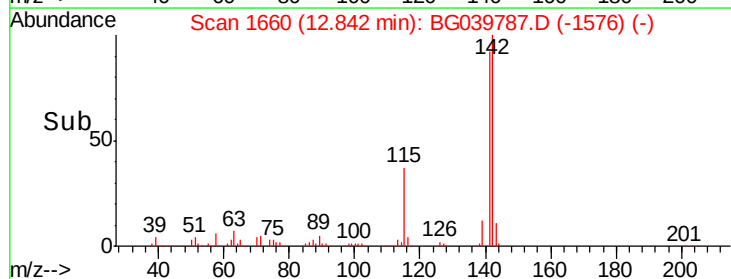
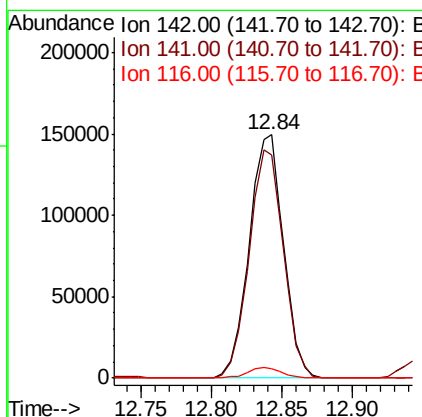
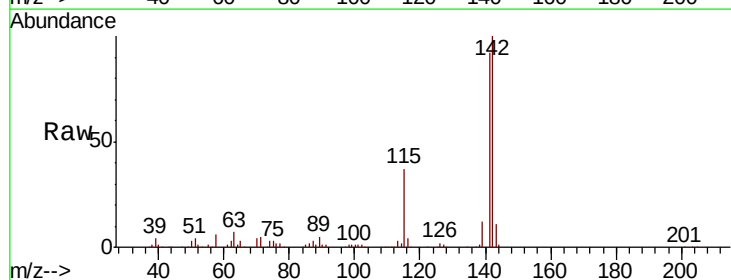
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

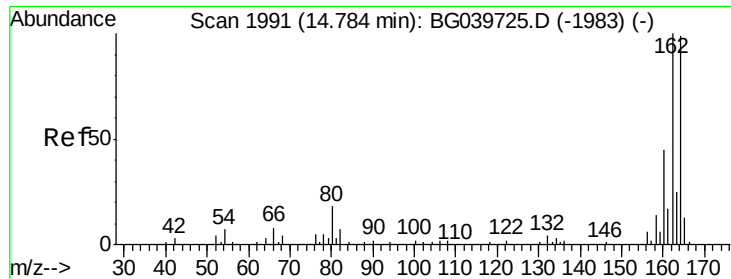
Tgt Ion:142 Resp: 266177
 Ion Ratio Lower Upper
 142 100
 141 88.3 73.5 110.3
 115 36.7 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 36.733 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion:142 Resp: 254431
 Ion Ratio Lower Upper
 142 100
 141 91.7 74.2 111.4
 116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

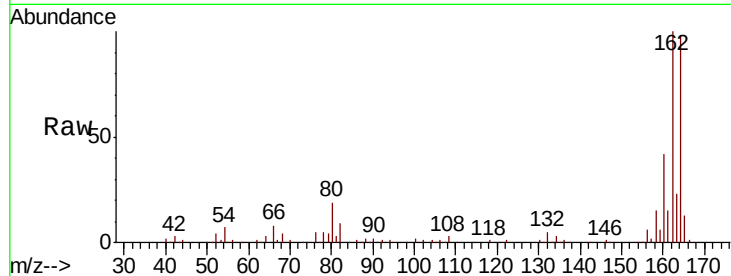
Tgt Ion:164 Resp: 126538

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 42.7 34.2 51.2

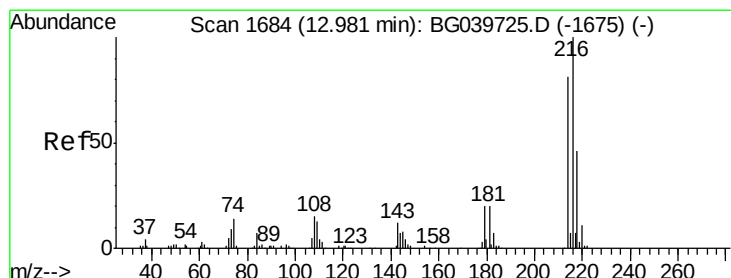
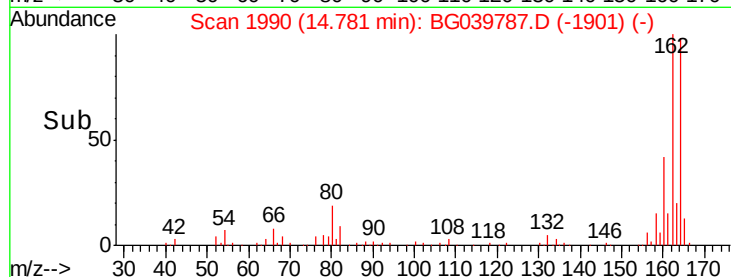
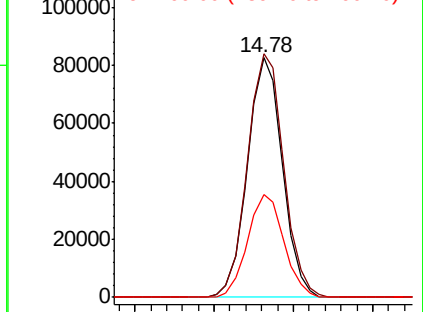


Abundance

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: 34.161 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:216 Resp: 146442

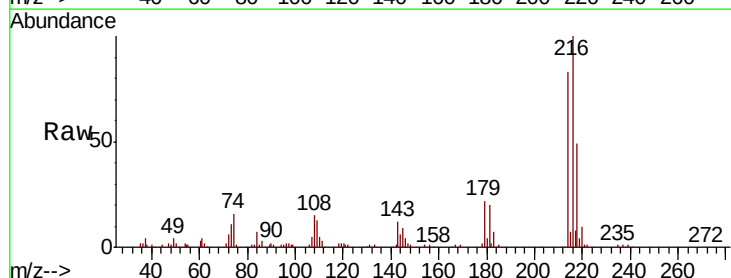
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 21.0 16.6 25.0

108 18.4 14.0 21.0



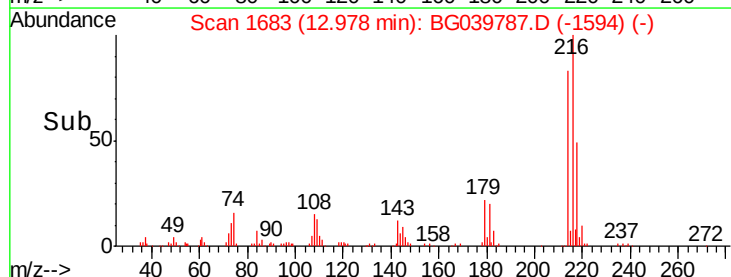
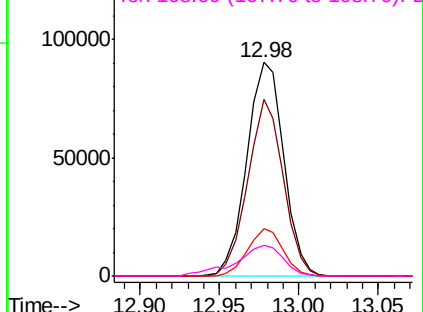
Abundance

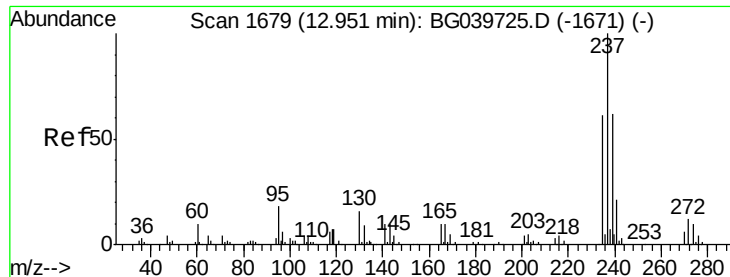
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

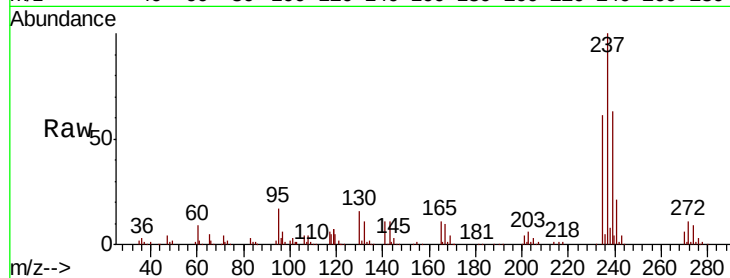




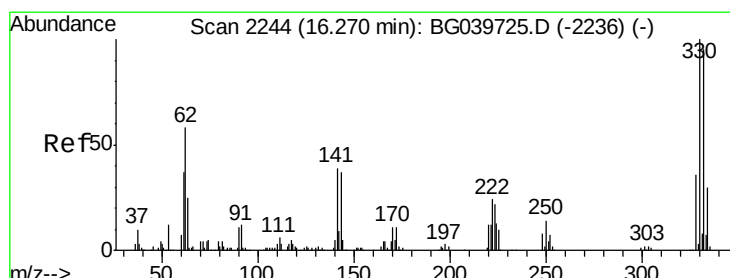
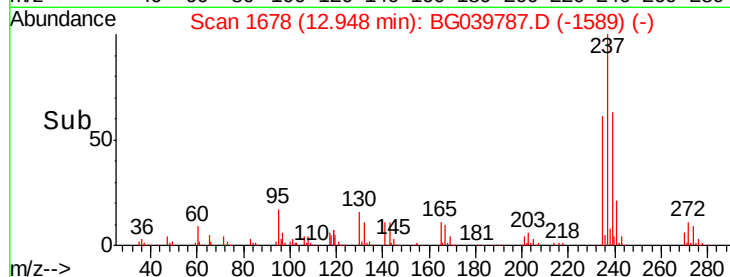
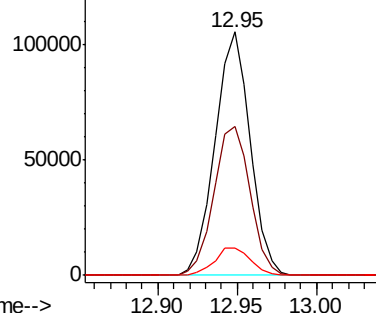
#41
Hexachlorocyclopentadiene
Concen: 70.608 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tgt Ion: 237 Resp: 162208
Ion Ratio Lower Upper
237 100
235 61.3 43.3 83.3
272 11.1 0.0 32.3

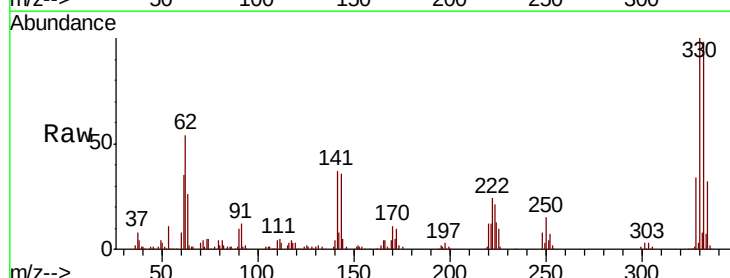


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

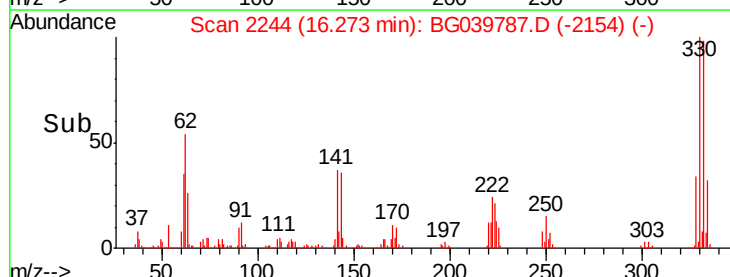
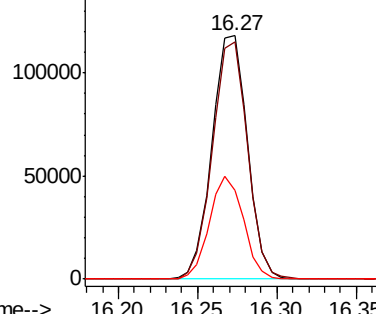


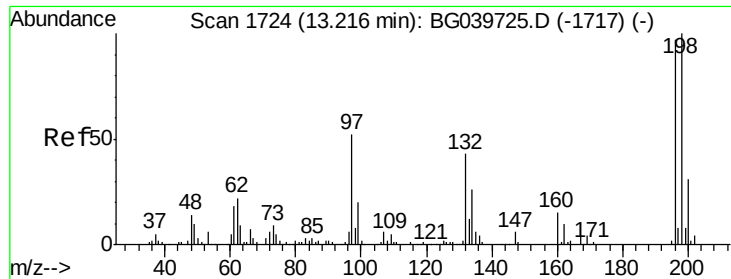
#42
2,4,6-Tribromophenol
Concen: 124.556 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion: 330 Resp: 183707
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 40.6 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

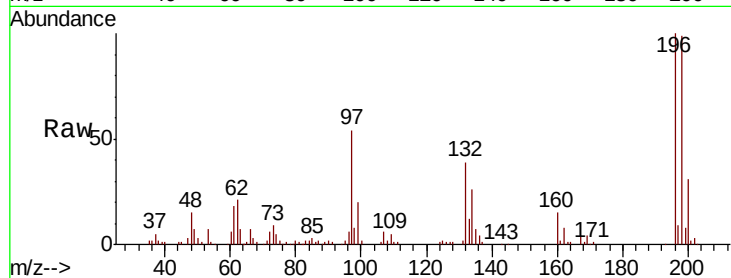




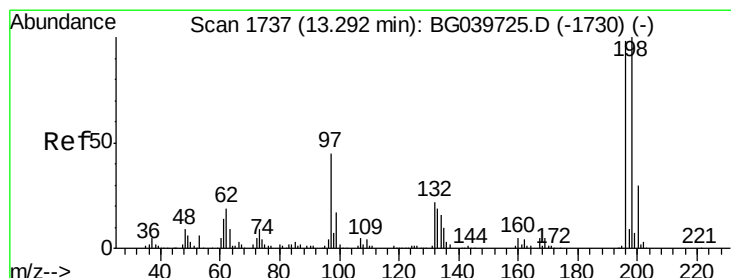
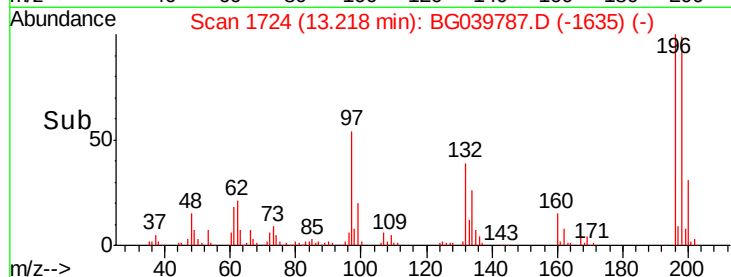
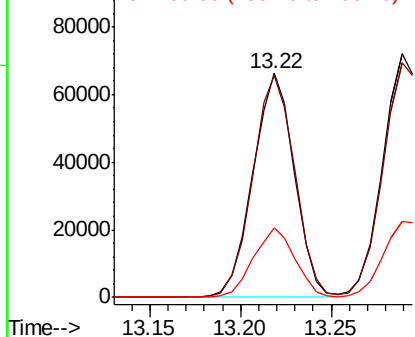
#43
 2,4,6-Trichlorophenol
 Concen: 42.205 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tgt Ion:196 Resp: 105923
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.6 121.0
 200 31.1 26.1 39.1



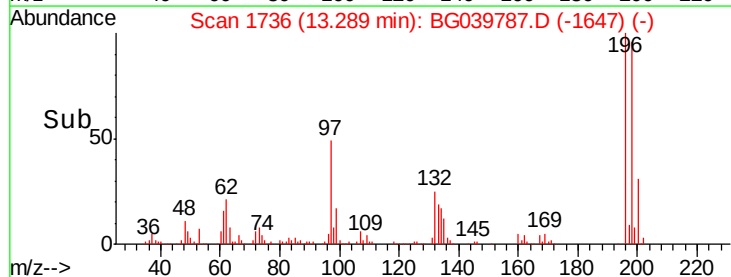
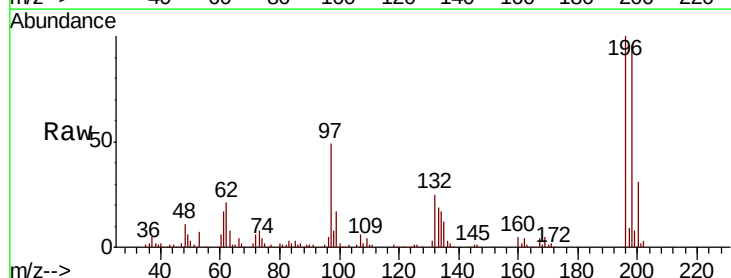
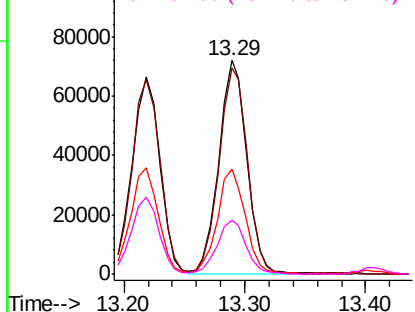
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

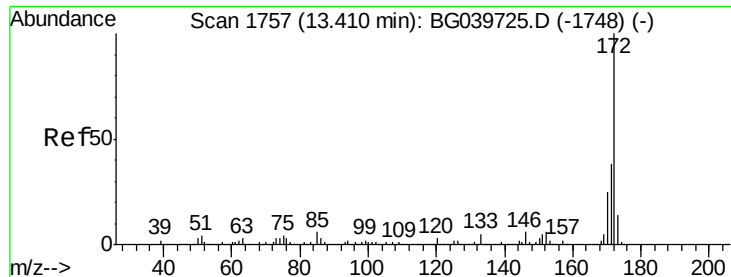


#44
 2,4,5-Trichlorophenol
 Concen: 41.229 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion:196 Resp: 116634
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.5 117.7
 97 48.9 38.4 57.6
 132 25.5 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

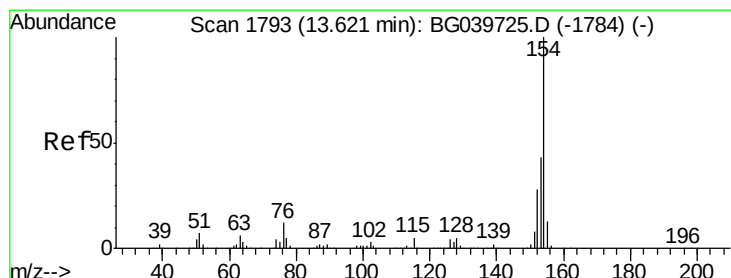
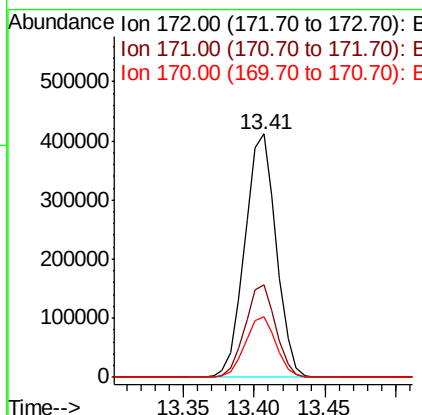
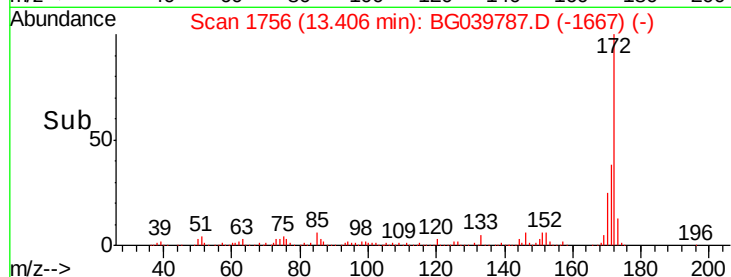
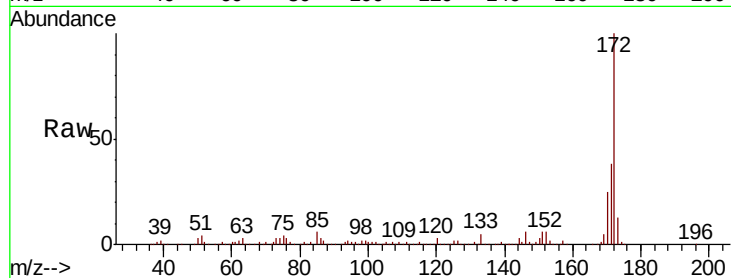




#45
2-Fluorobiphenyl
Concen: 72.100 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

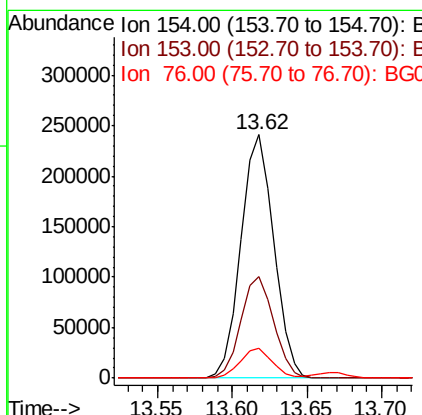
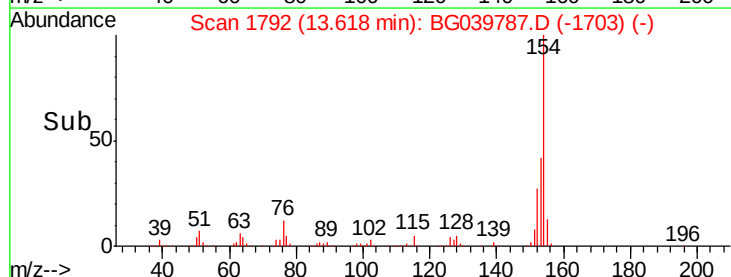
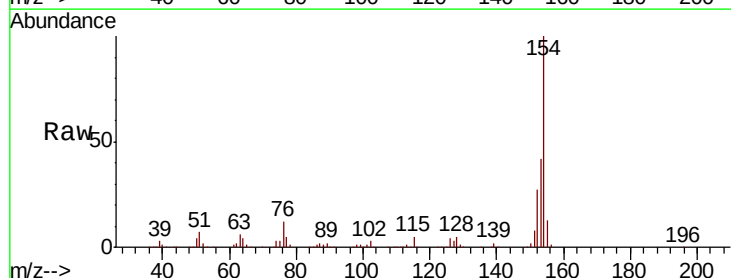
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

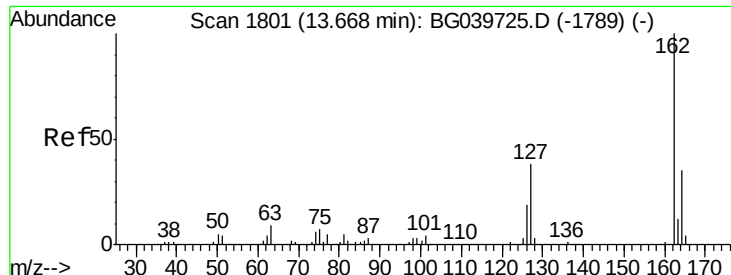
Tgt Ion:172 Resp: 640767
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 35.304 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:154 Resp: 367426
Ion Ratio Lower Upper
154 100
153 41.6 22.1 62.1
76 12.1 0.0 32.4

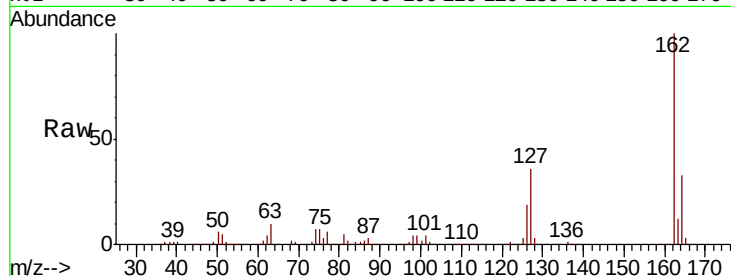




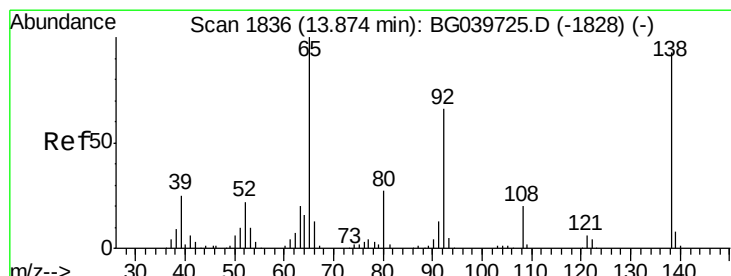
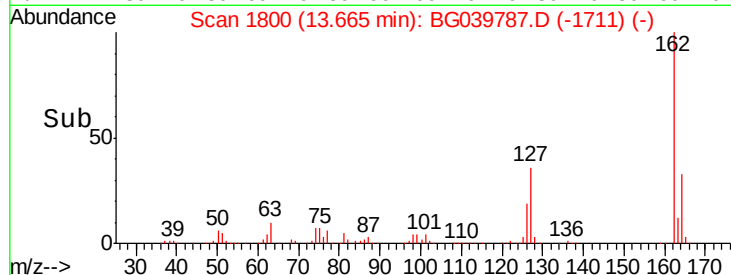
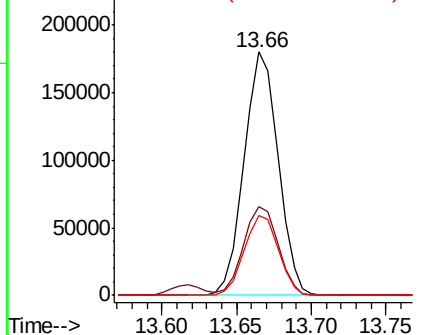
#47
 2-Chloronaphthalene
 Concen: 36.249 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tgt Ion: 162 Resp: 283815
 Ion Ratio Lower Upper
 162 100
 127 36.3 31.0 46.6
 164 32.7 25.7 38.5

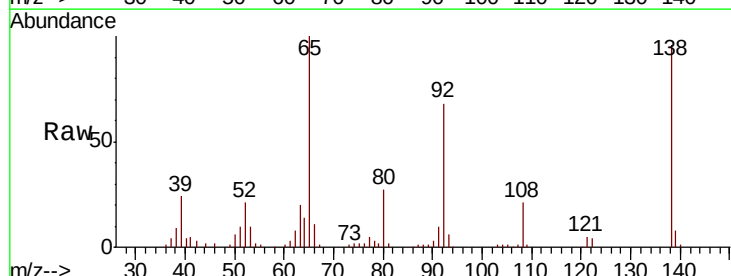


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

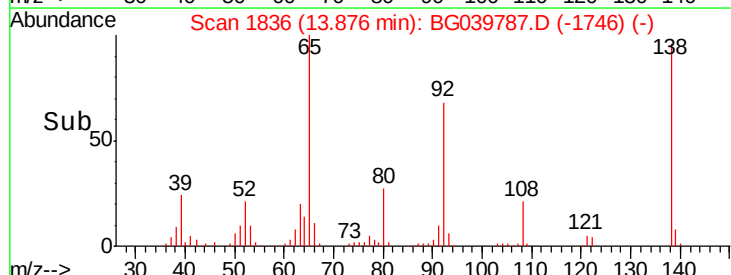
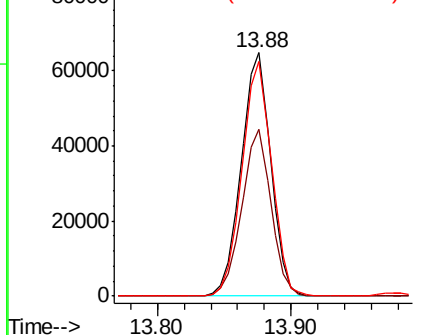


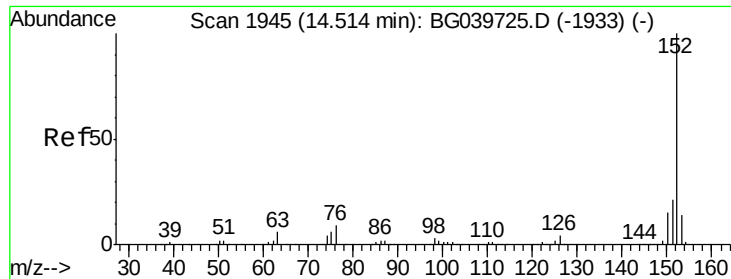
#48
 2-Nitroaniline
 Concen: 39.316 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion: 65 Resp: 98925
 Ion Ratio Lower Upper
 65 100
 92 68.5 51.4 77.2
 138 96.4 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: 35.598 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

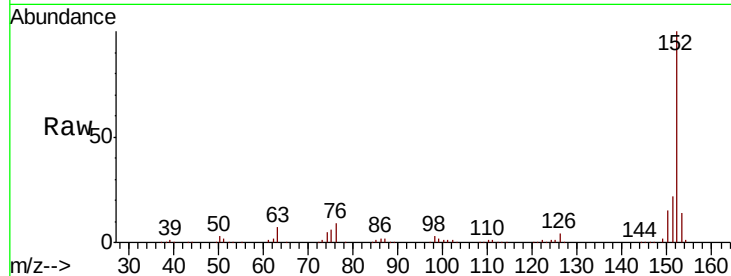
Tgt Ion:152 Resp: 457538

Ion Ratio Lower Upper

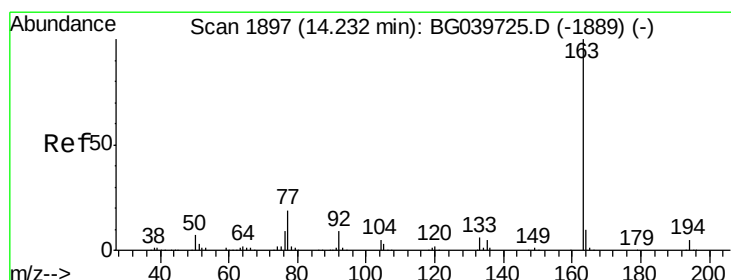
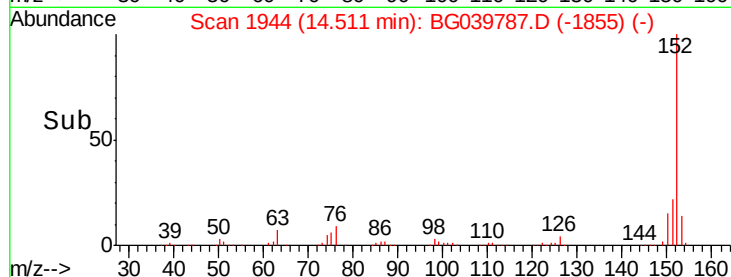
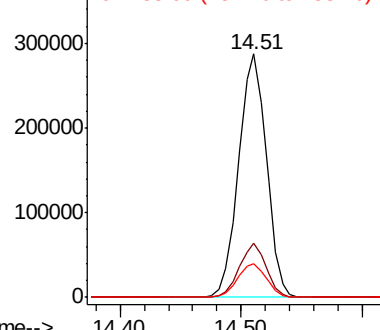
152 100

151 22.1 16.8 25.2

153 14.0 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: 41.226 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

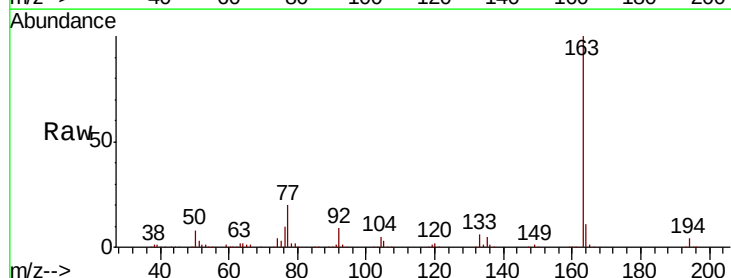
Tgt Ion:163 Resp: 436213

Ion Ratio Lower Upper

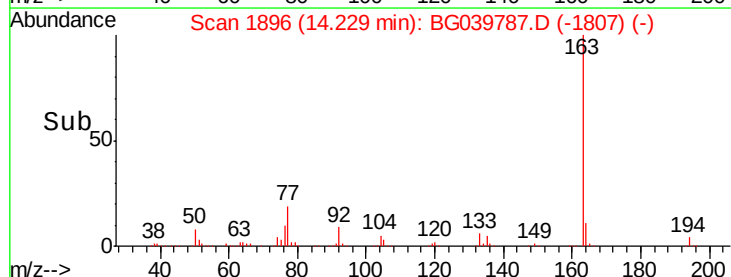
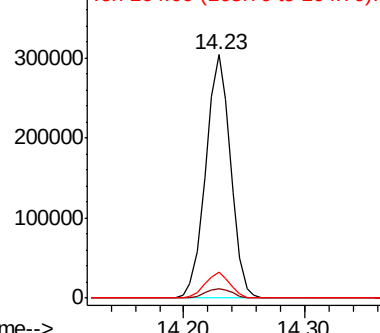
163 100

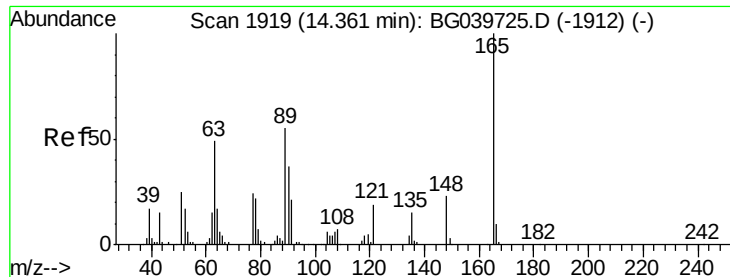
194 3.9 3.6 5.4

164 10.7 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

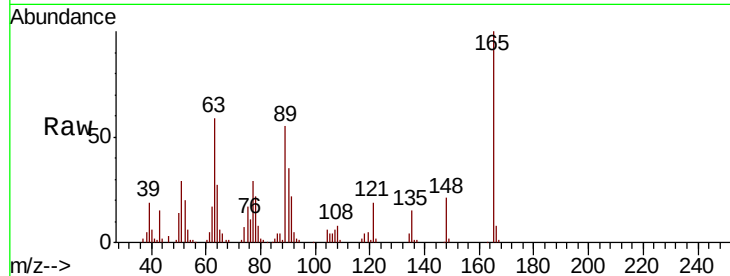




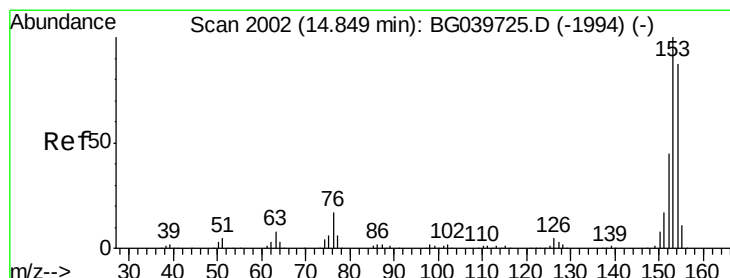
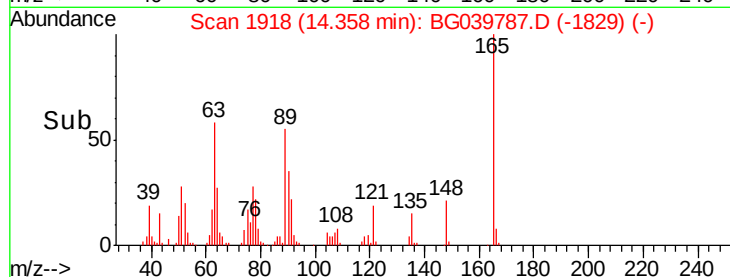
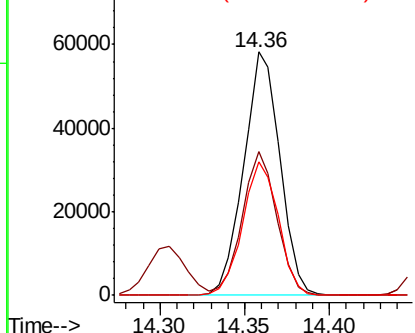
#51
2,6-Dinitrotoluene
Concen: 38.769 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tgt Ion:165 Resp: 86963
Ion Ratio Lower Upper
165 100
63 58.8 47.0 70.6
89 54.7 45.8 68.8

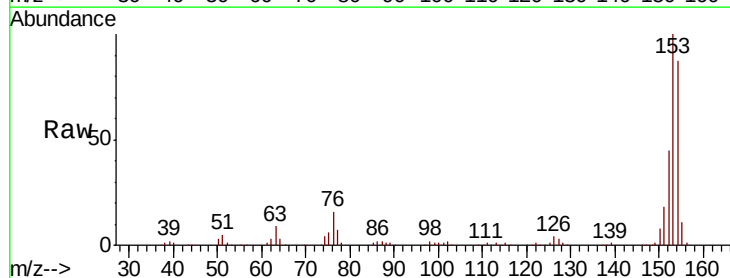


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

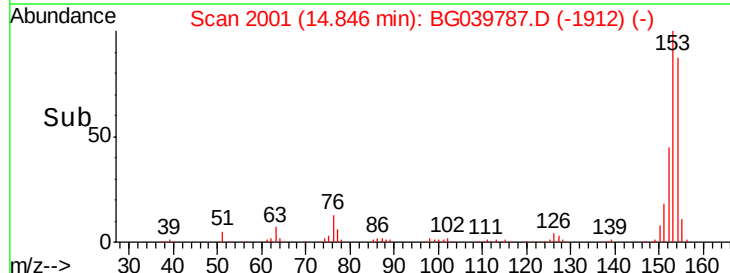
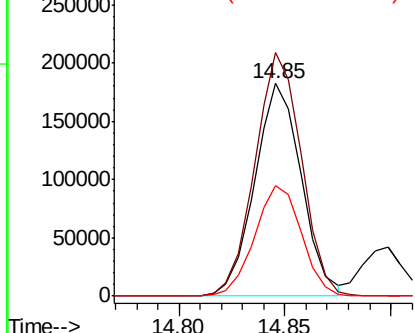


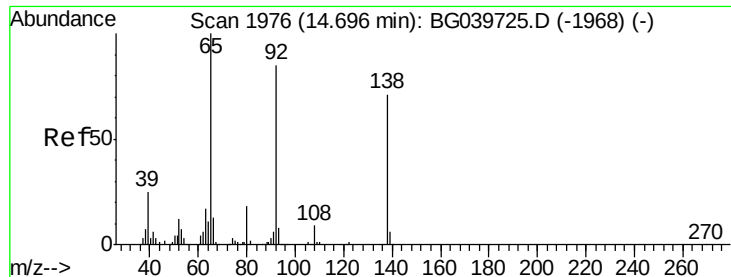
#52
Acenaphthene
Concen: 36.273 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:154 Resp: 280605
Ion Ratio Lower Upper
154 100
153 114.4 90.1 135.1
152 51.7 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

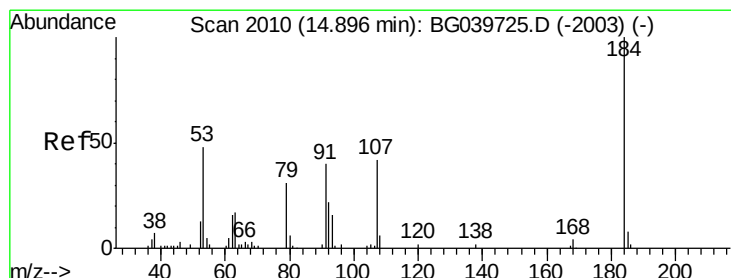
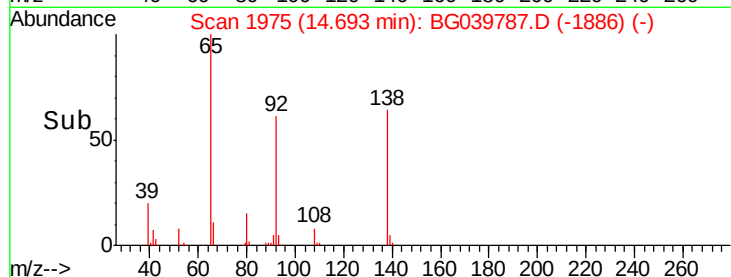
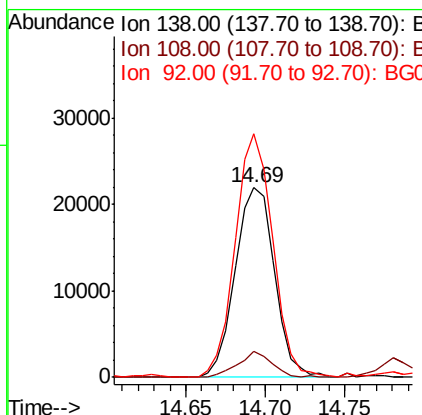
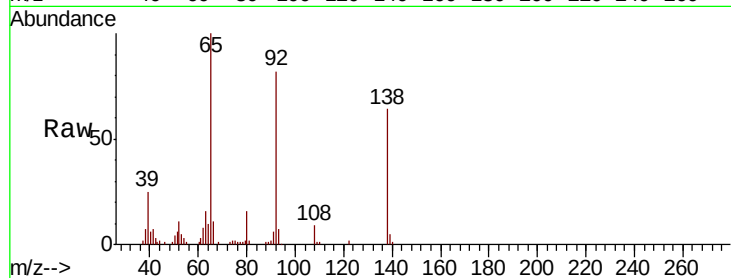




#53
 3-Nitroaniline
 Concen: 16.776 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

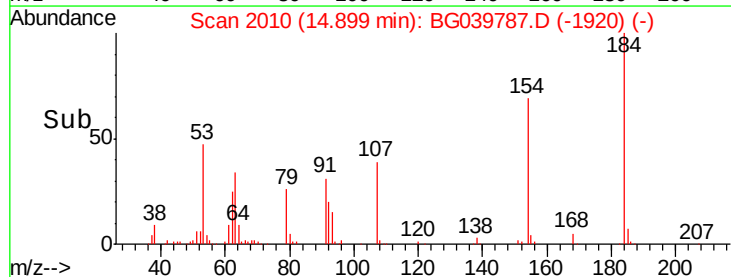
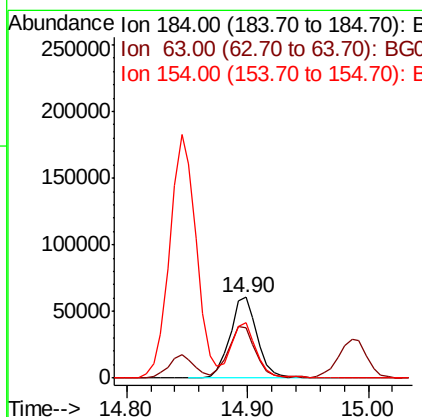
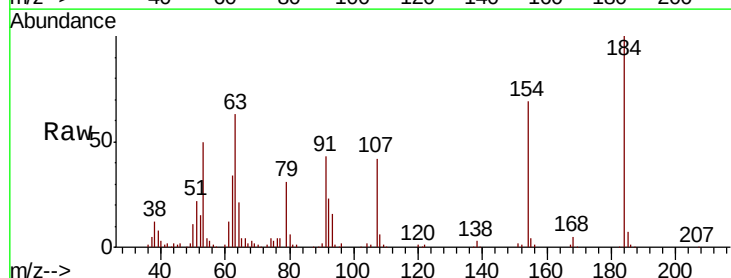
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

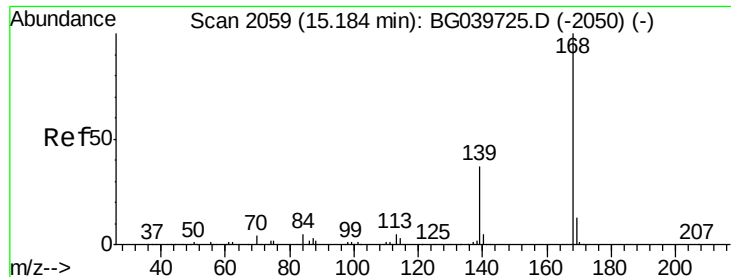
Tgt Ion:138 Resp: 37826
 Ion Ratio Lower Upper
 138 100
 108 13.7 13.8 20.8#
 92 128.6 103.7 155.5



#54
 2,4-Dinitrophenol
 Concen: 68.454 ng
 RT: 14.90 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion:184 Resp: 95686
 Ion Ratio Lower Upper
 184 100
 63 62.6 50.9 76.3
 154 68.5 53.0 79.6

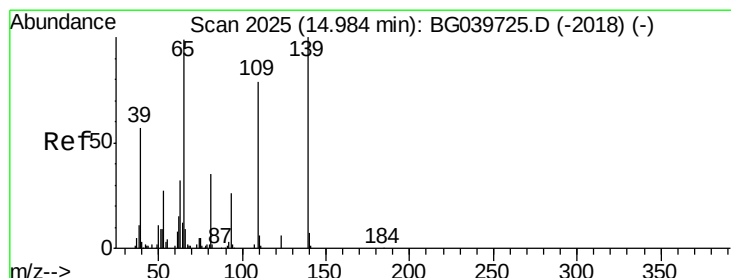
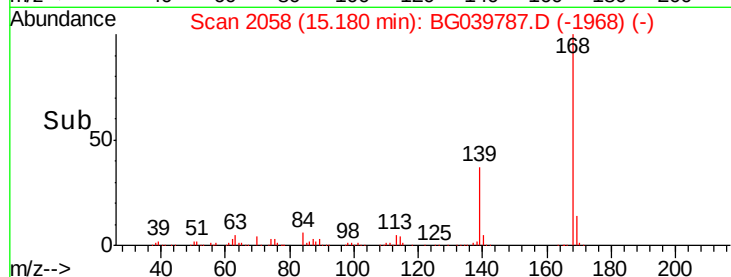
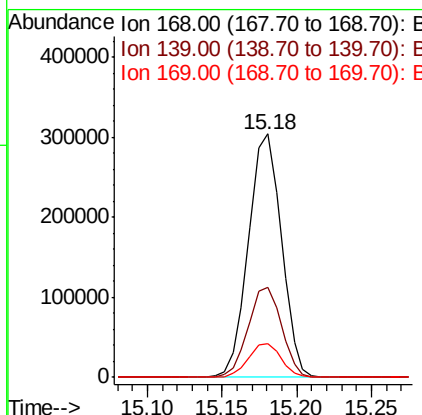
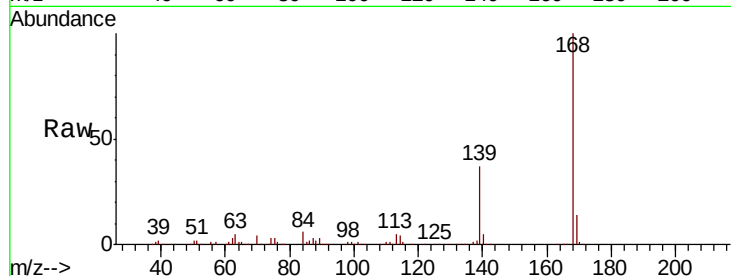




#55
Dibenzenofuran
Concen: 36.590 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

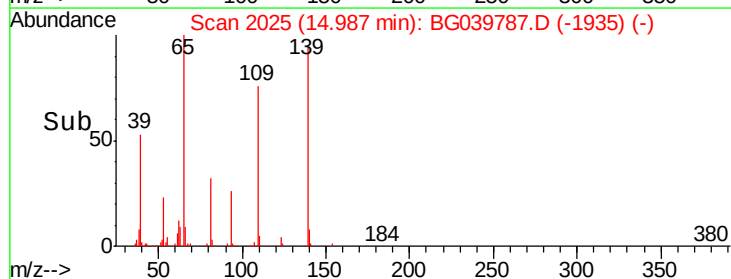
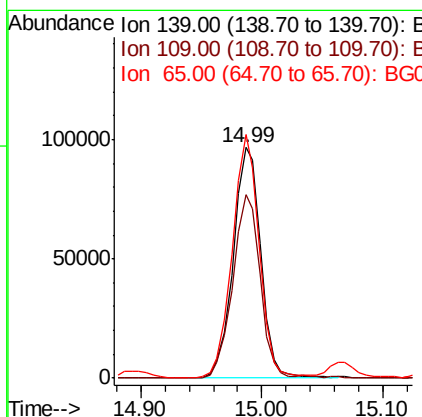
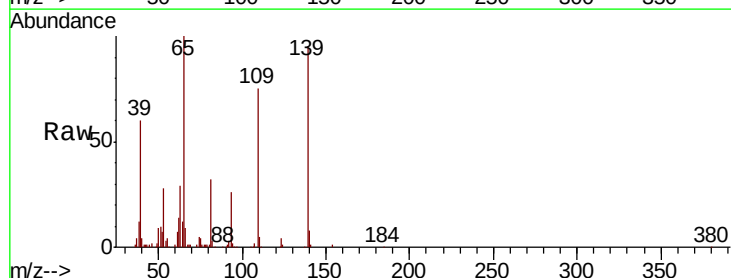
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

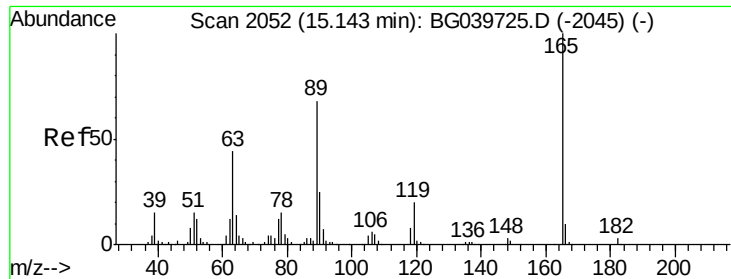
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.6	10.6	16.0



#56
4-Nitrophenol
Concen: 76.029 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.4	61.9	101.9
65	105.7	99.1	139.1

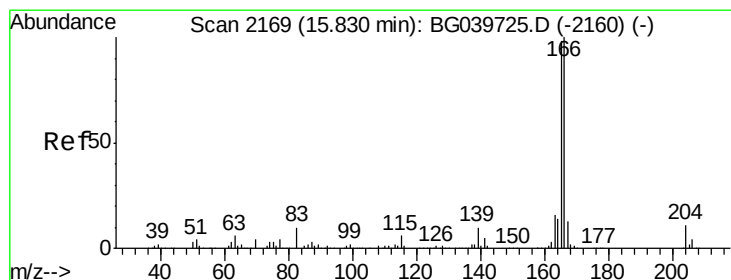
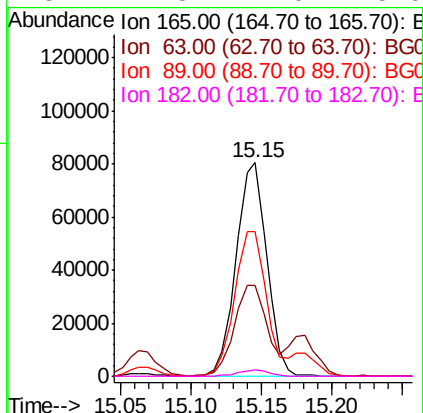
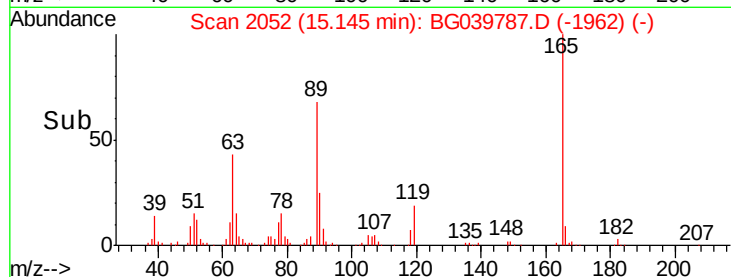
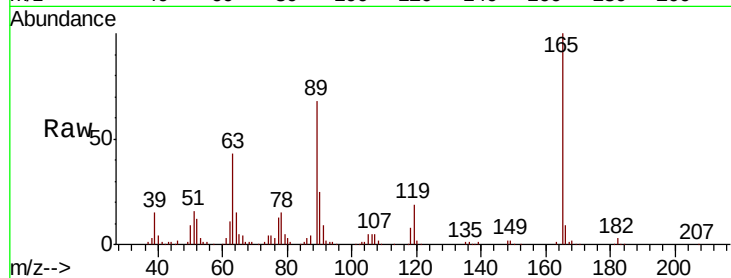




#57
2,4-Dinitrotoluene
Concen: 38.675 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

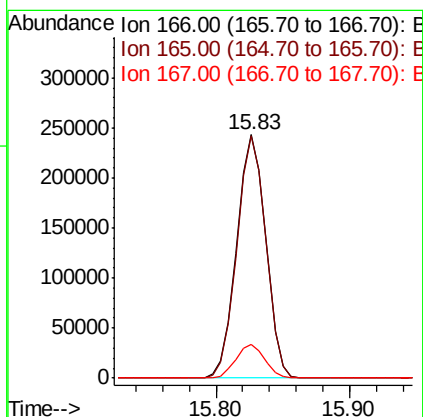
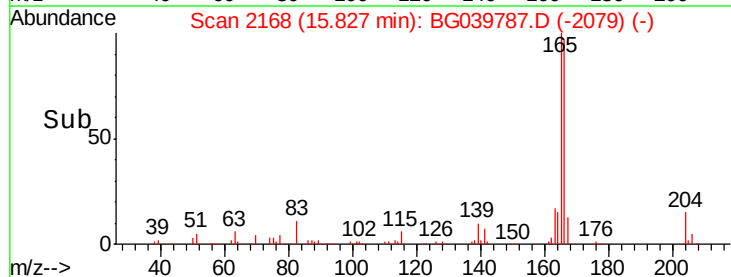
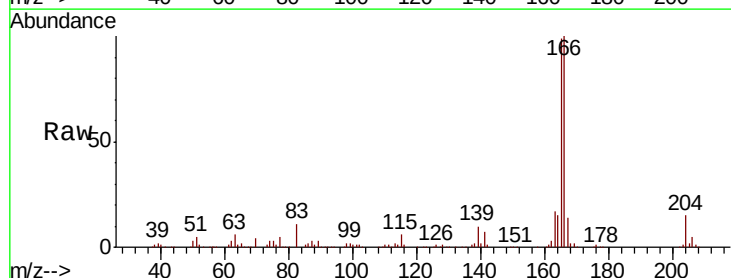
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

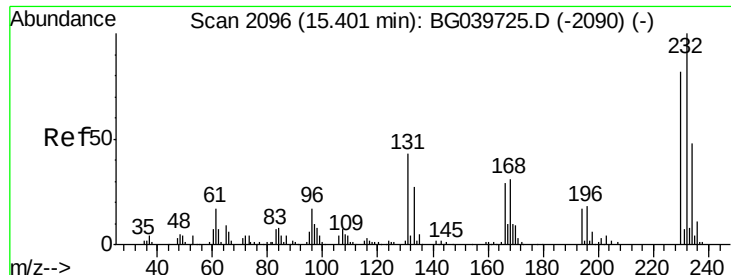
Tgt Ion:	165	Resp:	121898
Ion	Ratio	Lower	Upper
165	100		
63	42.6	41.0	61.6
89	67.8	64.6	96.8
182	2.8	2.0	3.0



#58
Fluorene
Concen: 36.733 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:	166	Resp:	366512
Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.9	116.9
167	14.0	10.8	16.2

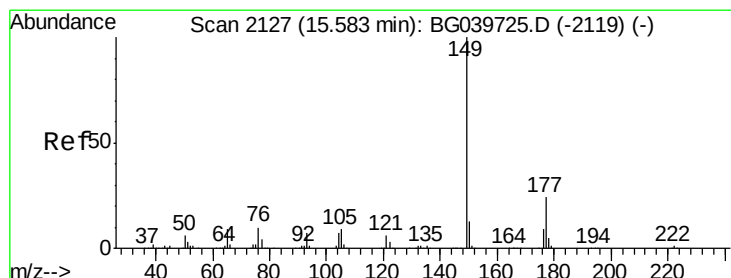
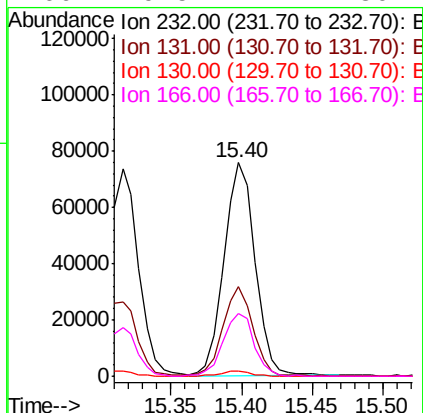
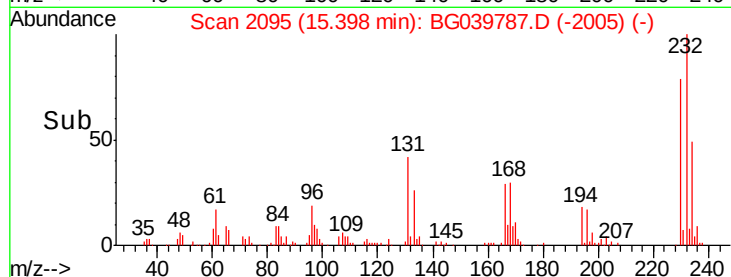
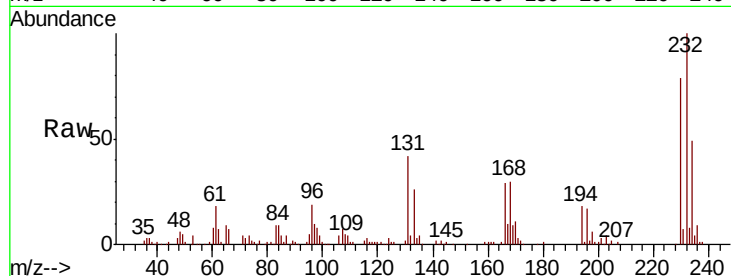




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.847 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

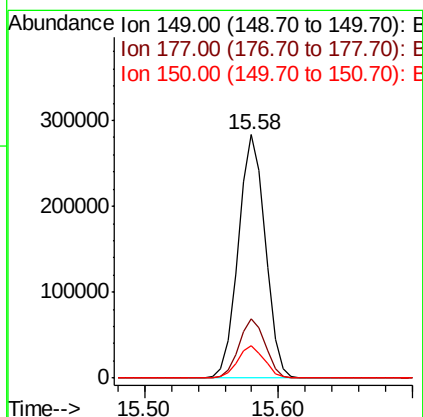
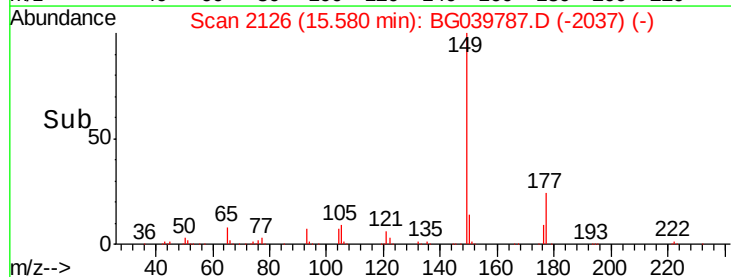
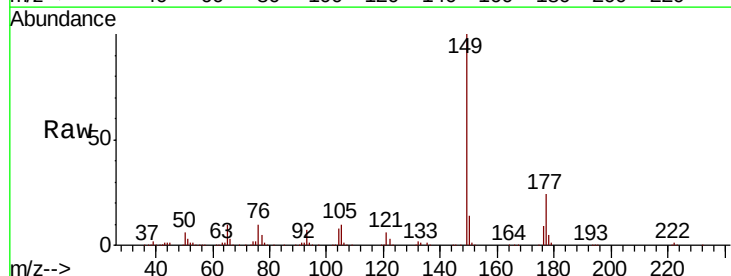
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

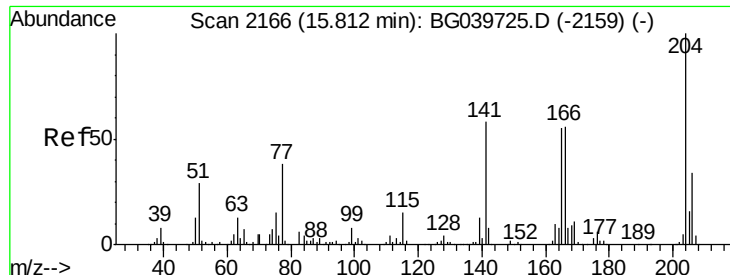
Tgt Ion:232 Resp: 115614
 Ion Ratio Lower Upper
 232 100
 131 41.1 34.9 52.3
 130 2.2 2.0 3.0
 166 29.5 24.1 36.1



#60
 Diethylphthalate
 Concen: 37.545 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion:149 Resp: 393261
 Ion Ratio Lower Upper
 149 100
 177 24.5 18.3 27.5
 150 13.5 10.2 15.2

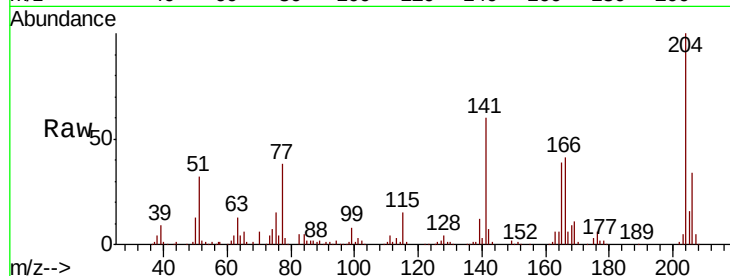




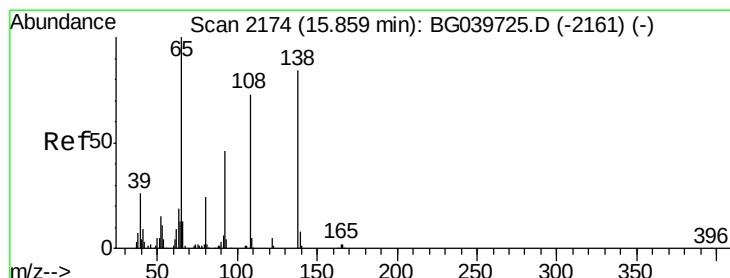
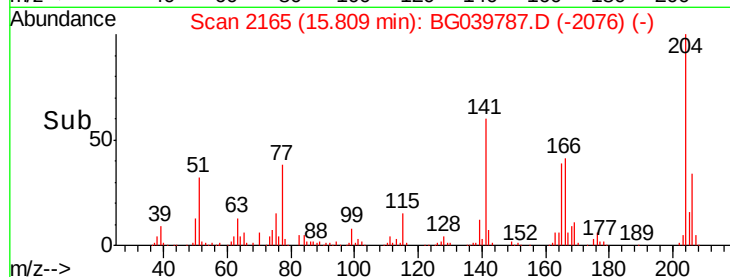
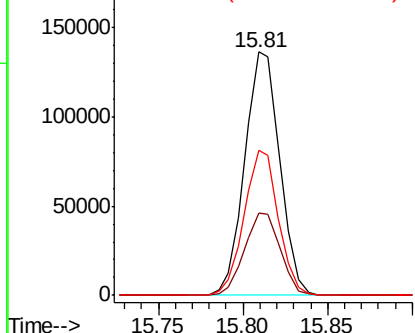
#61
 4-Chlorophenyl-phenylether
 Concen: 36.871 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tgt Ion: 204 Resp: 196317
 Ion Ratio Lower Upper
 204 100
 206 34.0 29.2 43.8
 141 59.6 49.0 73.4

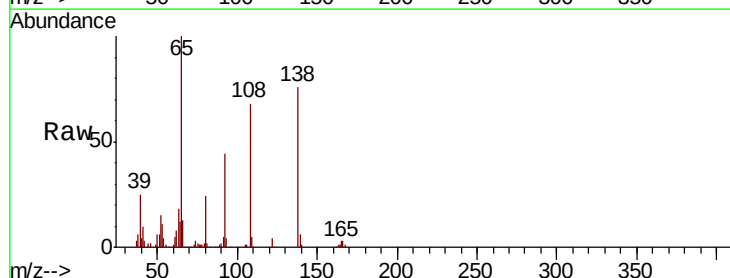


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

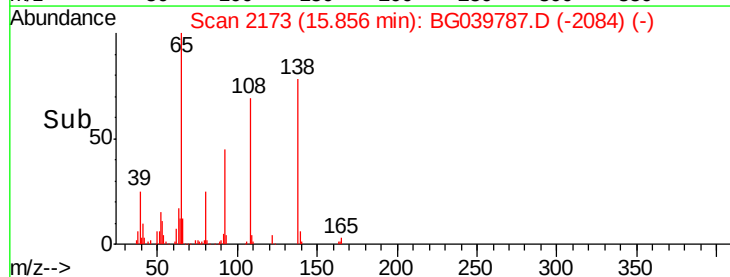
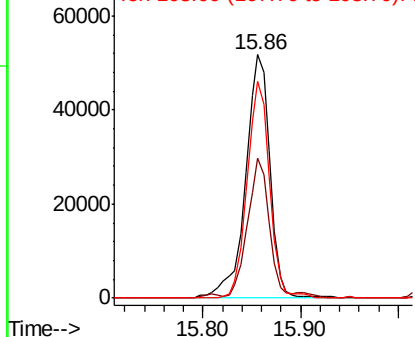


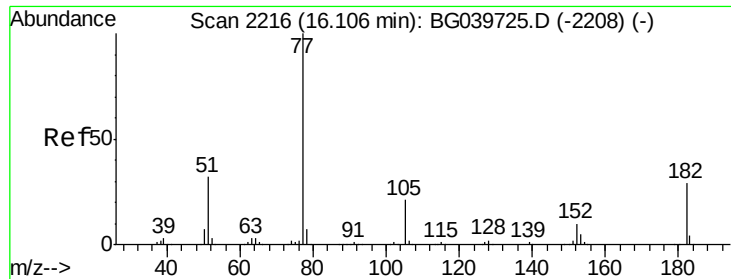
#62
 4-Nitroaniline
 Concen: 37.020 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion: 138 Resp: 90495
 Ion Ratio Lower Upper
 138 100
 92 57.4 38.7 78.7
 108 89.2 74.6 114.6



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

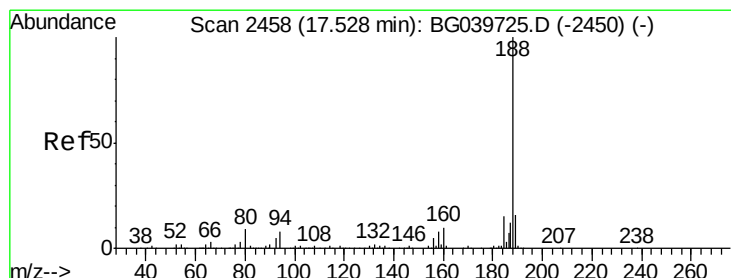
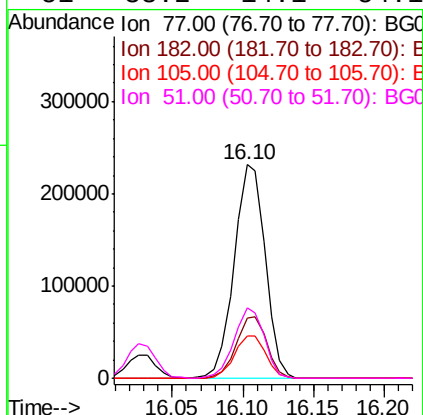
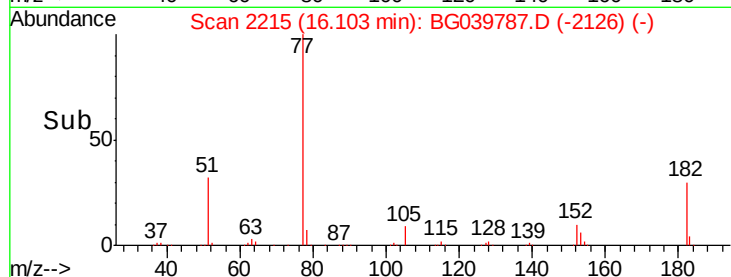
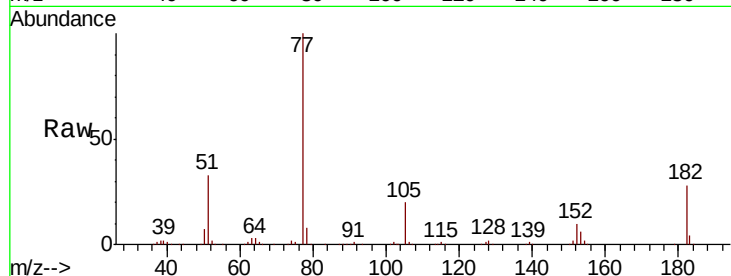




#63
Azobenzene
Concen: 37.380 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

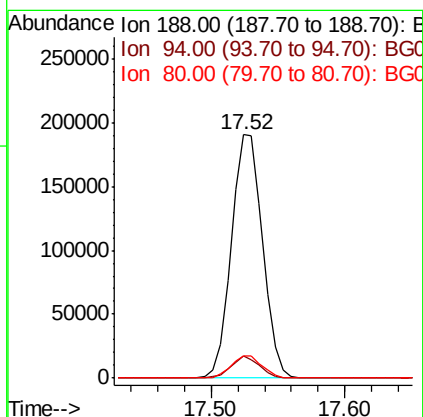
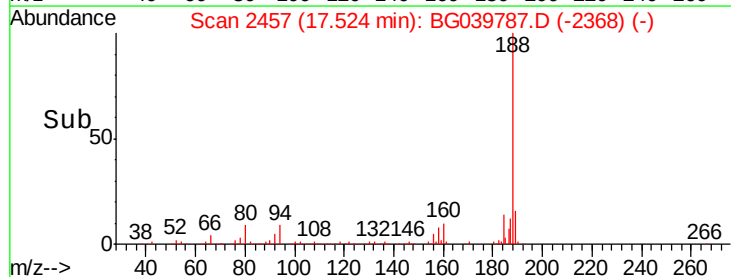
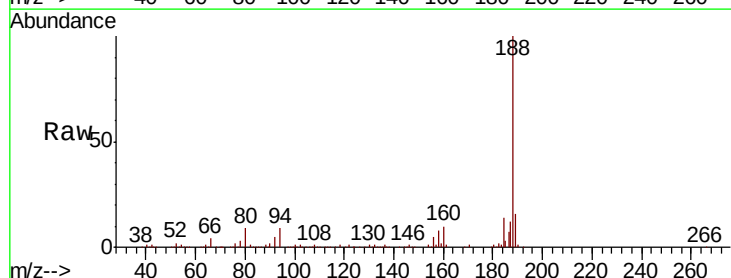
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

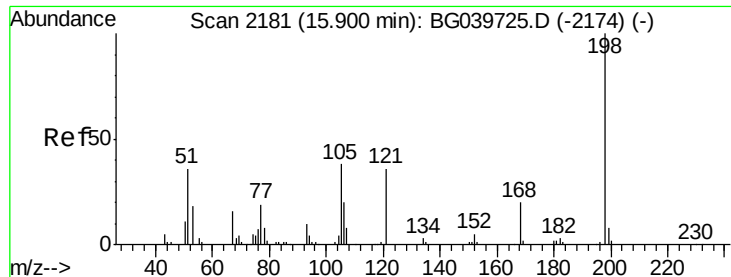
Tgt Ion: 77 Resp: 354918
Ion Ratio Lower Upper
77 100
182 28.0 6.4 46.4
105 20.0 0.0 39.8
51 33.2 14.1 54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion: 188 Resp: 308131
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.1 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.797 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

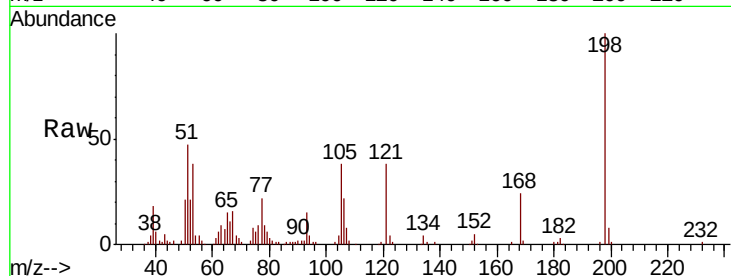
Tgt Ion:198 Resp: 68862

Ion Ratio Lower Upper

198 100

51 46.6 27.4 67.4

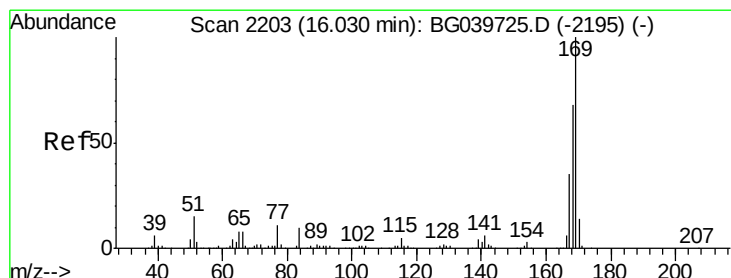
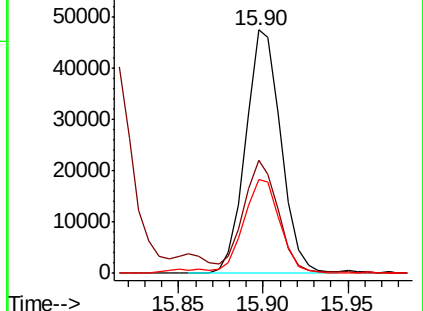
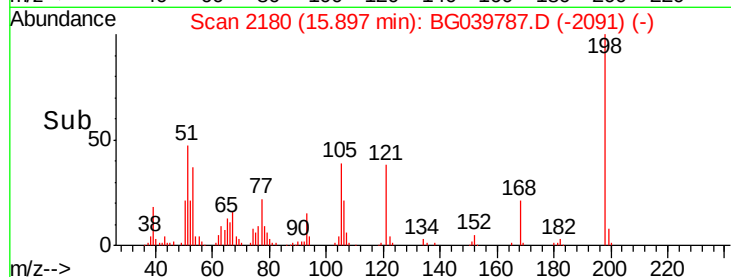
105 38.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.707 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

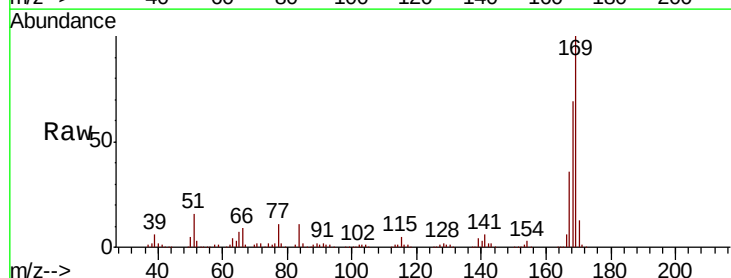
Tgt Ion:169 Resp: 345280

Ion Ratio Lower Upper

169 100

168 68.7 56.6 85.0

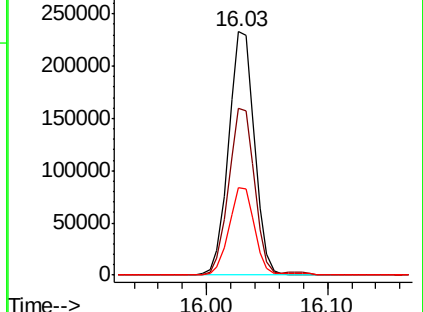
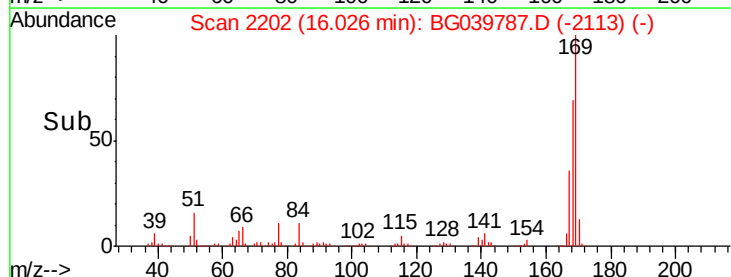
167 36.1 28.8 43.2

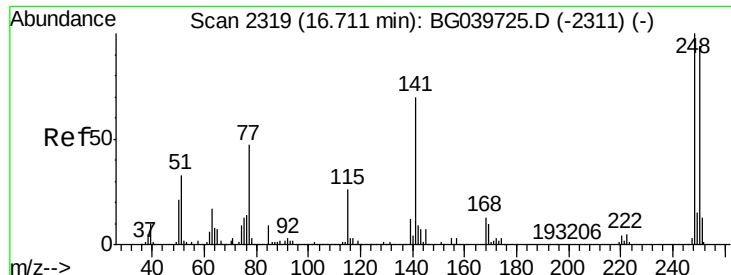


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

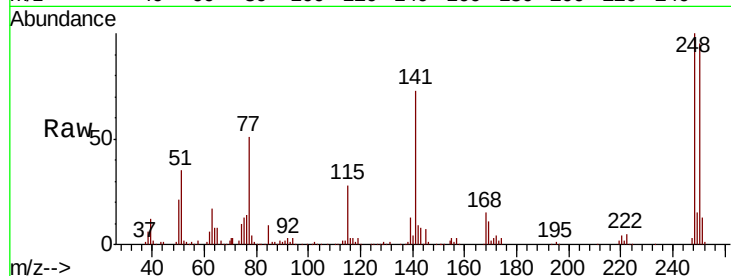




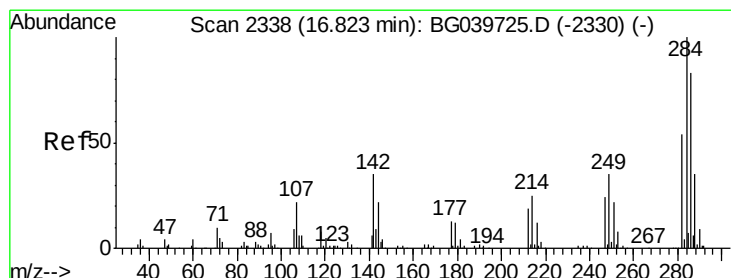
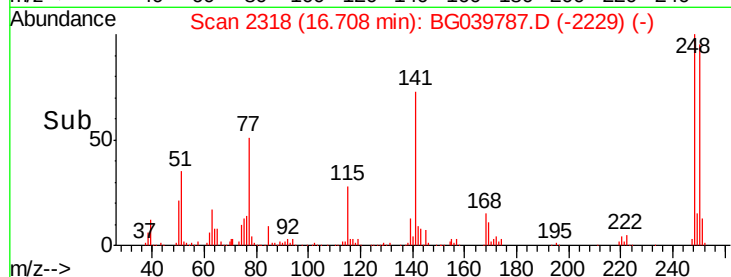
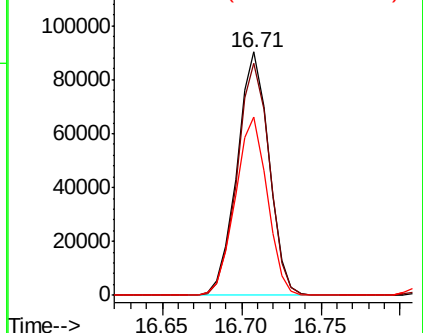
#67
4-Bromophenyl-phenylether
Concen: 36.580 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tgt Ion:248 Resp: 126164
Ion Ratio Lower Upper
248 100
250 95.2 77.6 116.4
141 73.0 63.9 95.9

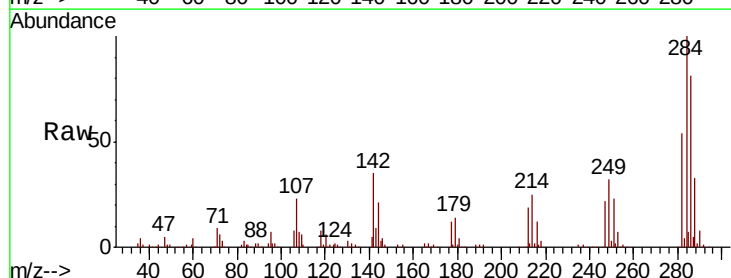


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

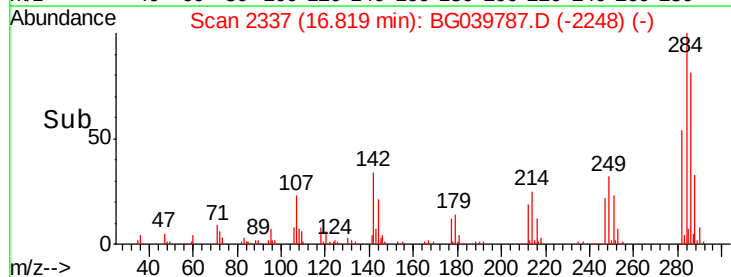
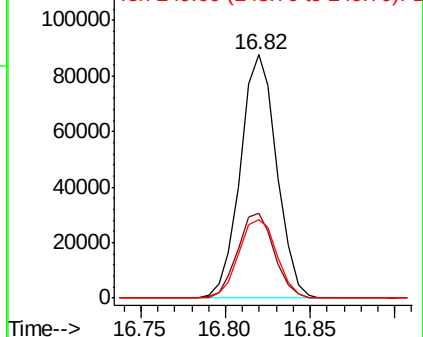


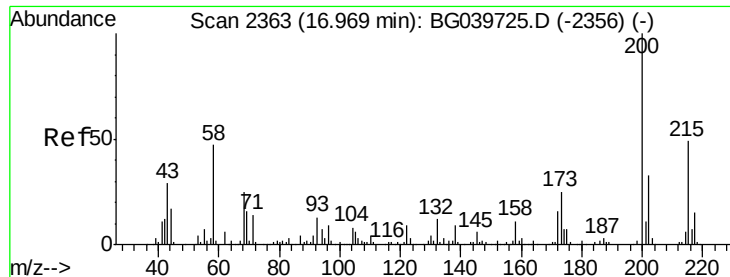
#68
Hexachlorobenzene
Concen: 36.699 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:284 Resp: 131203
Ion Ratio Lower Upper
284 100
142 34.7 30.6 45.8
249 32.3 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: 39.451 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

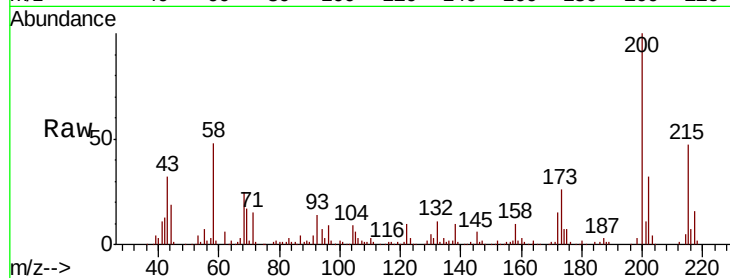
Tgt Ion:200 Resp: 138502

Ion Ratio Lower Upper

200 100

173 26.4 3.9 43.9

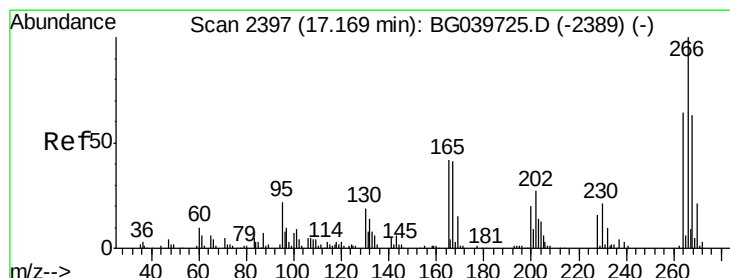
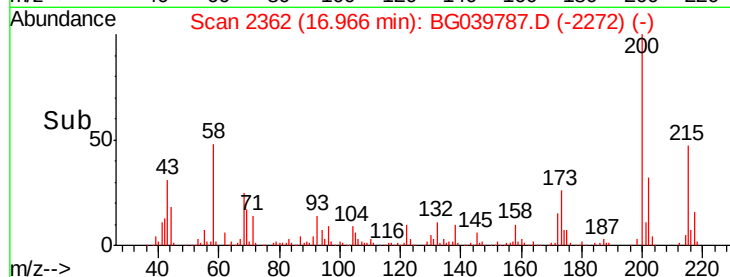
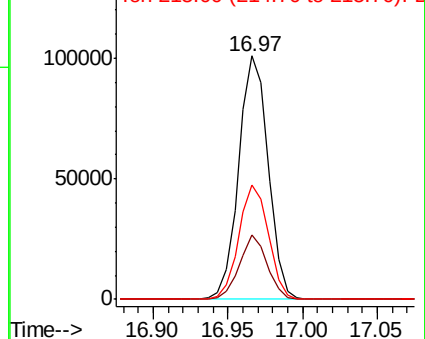
215 47.1 30.9 70.9



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: 74.526 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

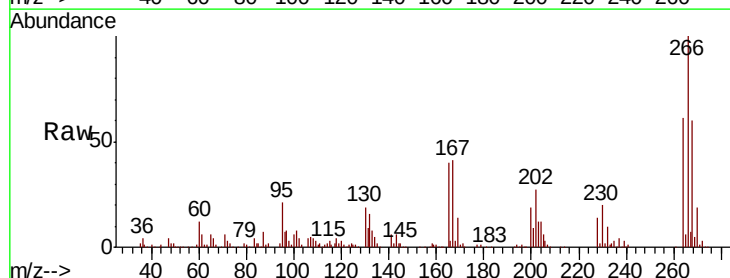
Tgt Ion:266 Resp: 168271

Ion Ratio Lower Upper

266 100

268 60.3 51.1 76.7

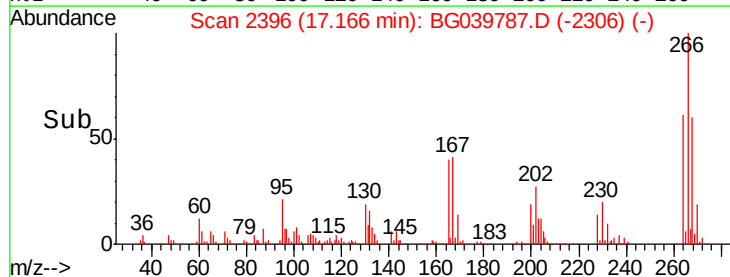
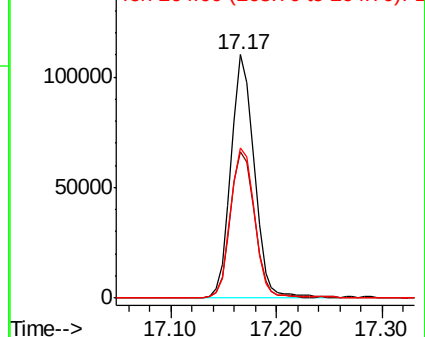
264 61.5 52.1 78.1

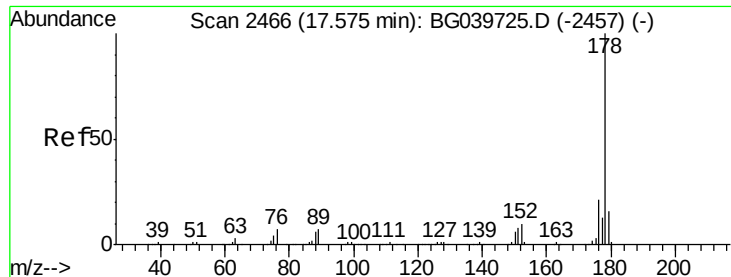


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

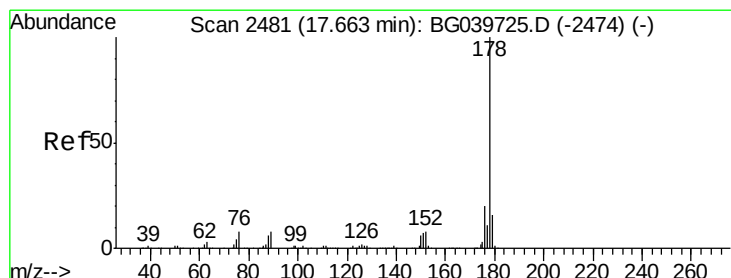
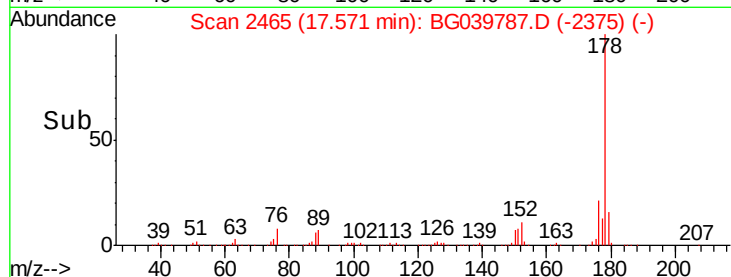
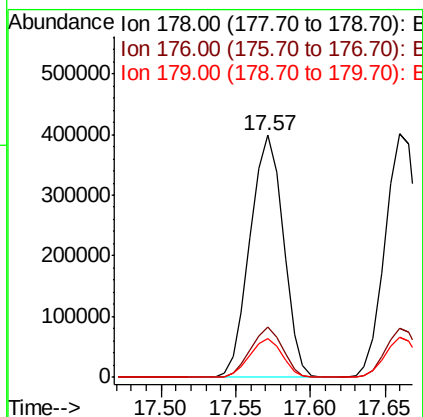
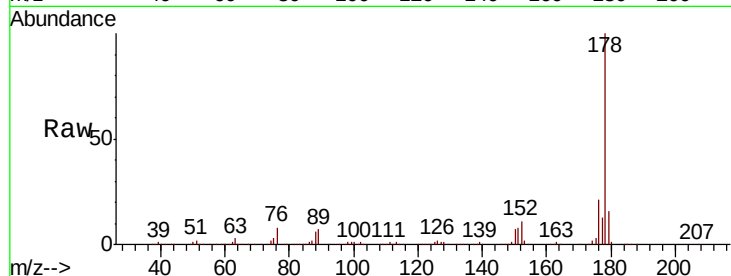




#71
Phenanthrene
Concen: 36.377 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

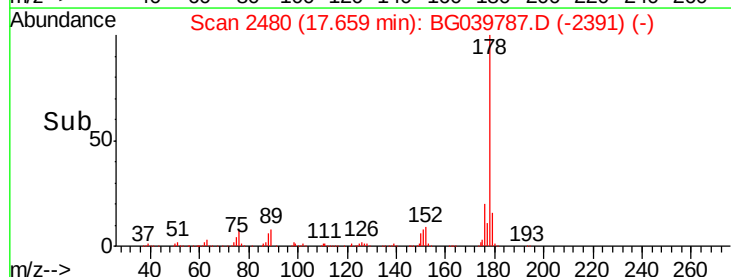
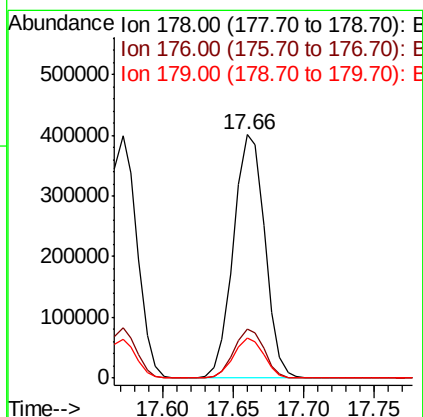
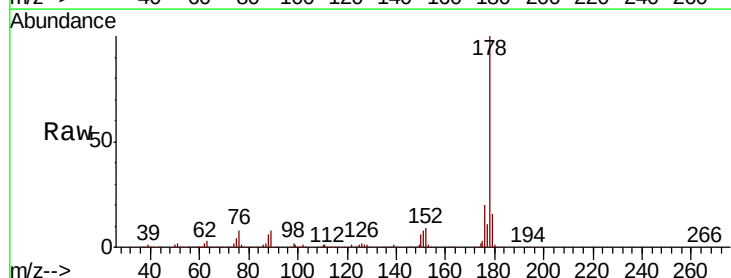
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

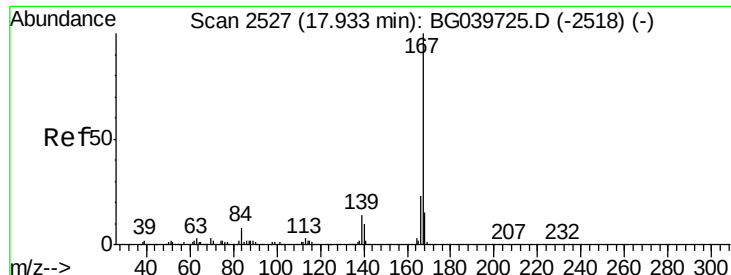
Tgt Ion:178 Resp: 617395
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 37.618 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:178 Resp: 622172
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.5 12.5 18.7

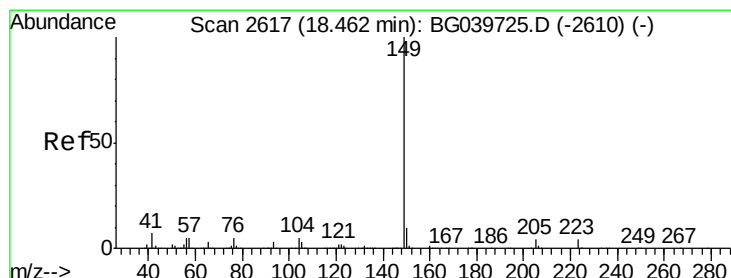
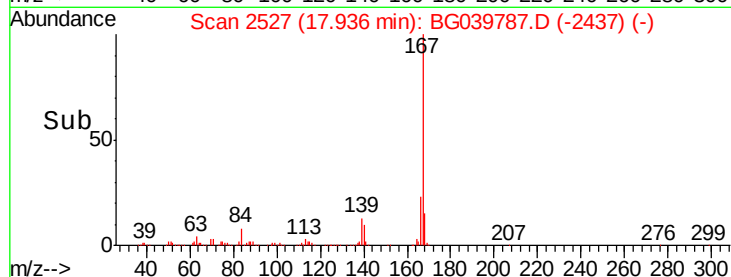
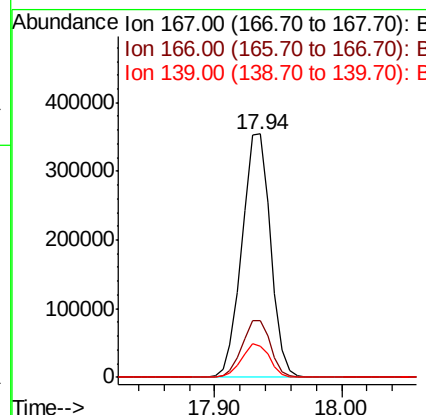
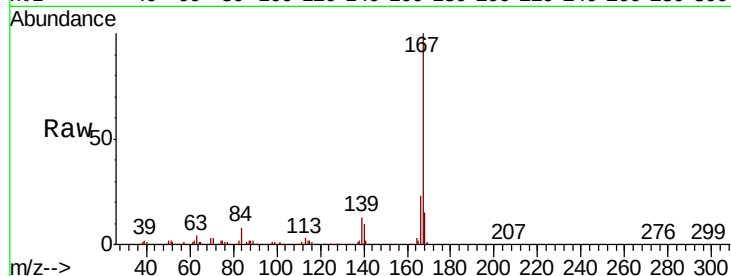




#73
 Carbazole
 Concen: 37.011 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

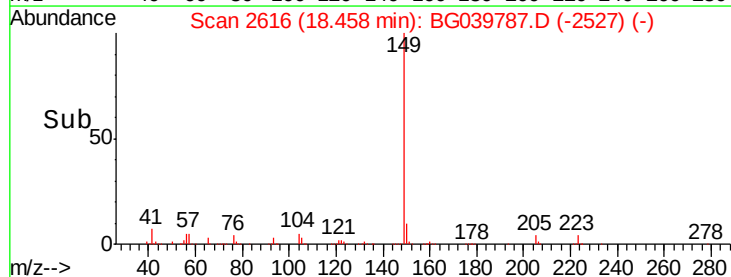
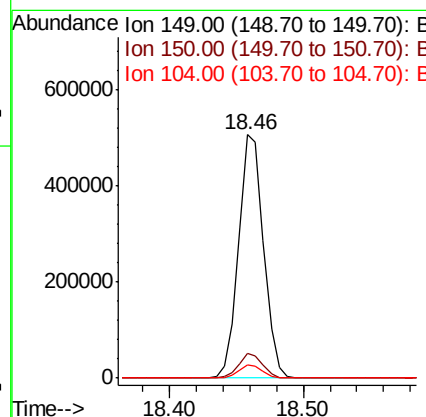
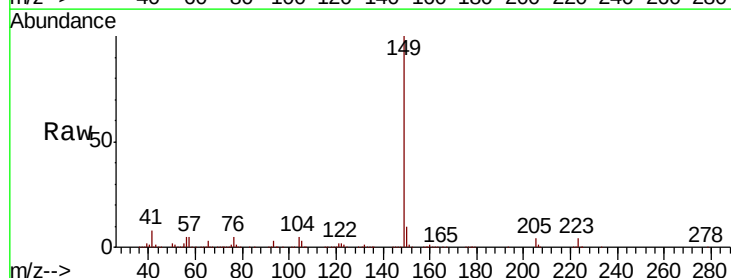
Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

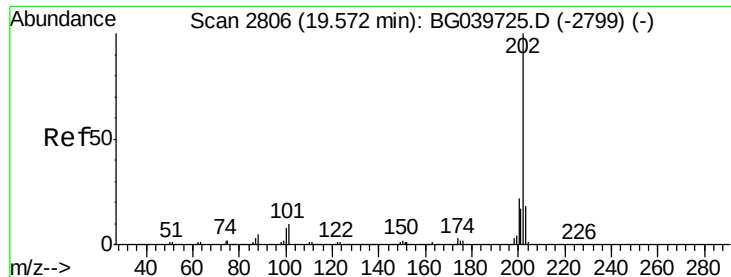
Tgt Ion:167 Resp: 551838
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 12.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.535 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion:149 Resp: 658474
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 35.899 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

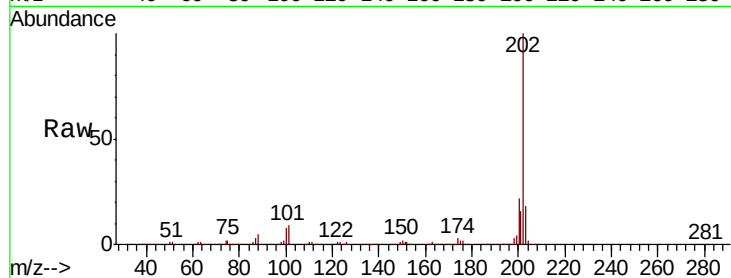
Tgt Ion:202 Resp: 720072

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

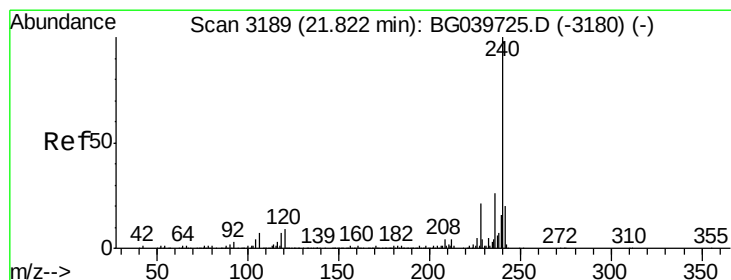
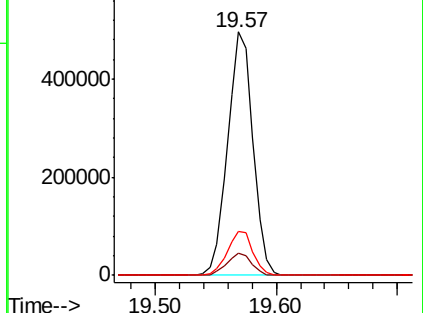
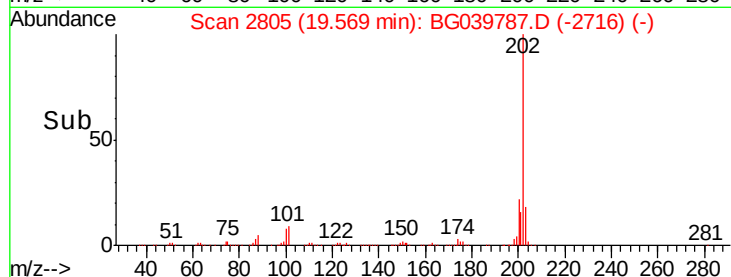
203 18.3 0.0 38.9



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

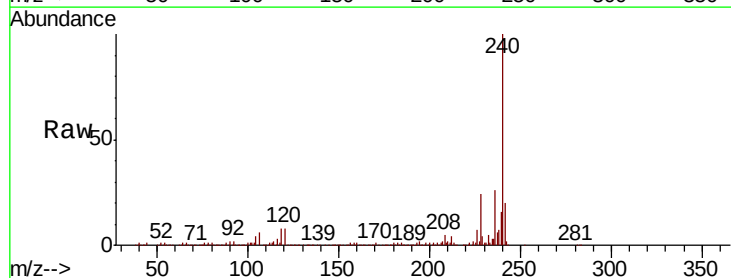
Tgt Ion:240 Resp: 297006

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

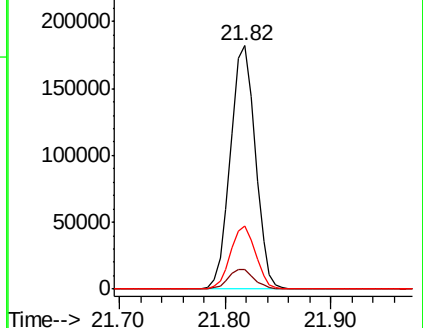
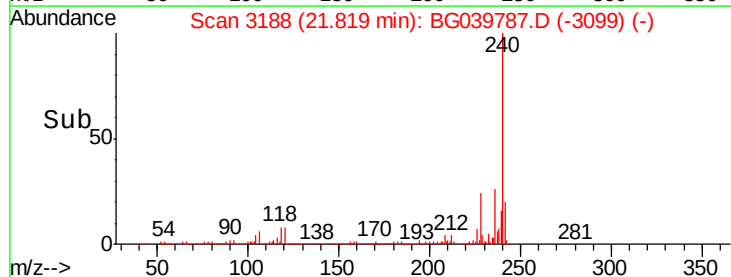
236 26.2 21.0 31.4

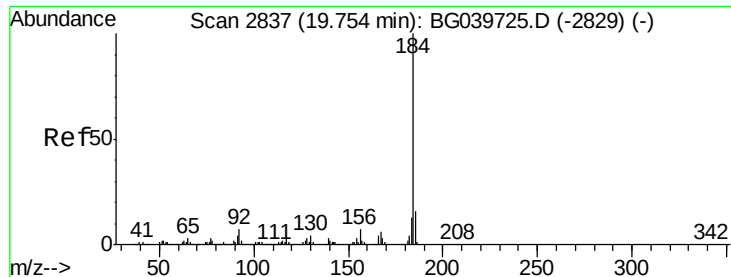


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.818 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

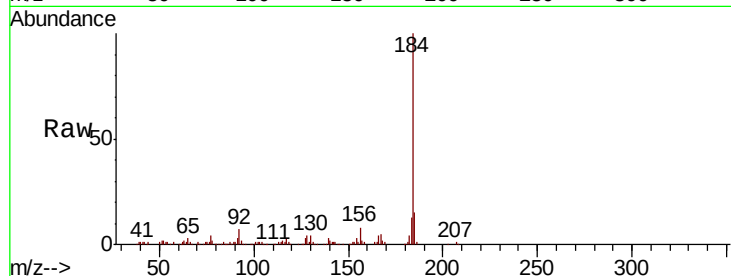
Tgt Ion:184 Resp: 139660

Ion Ratio Lower Upper

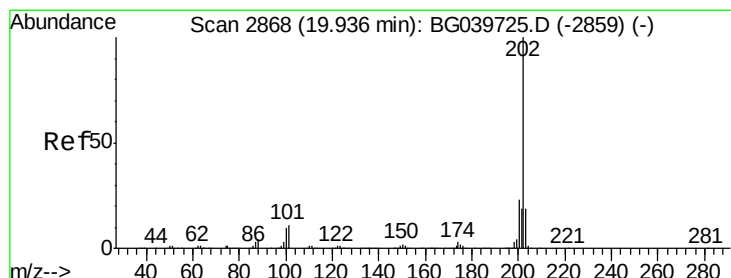
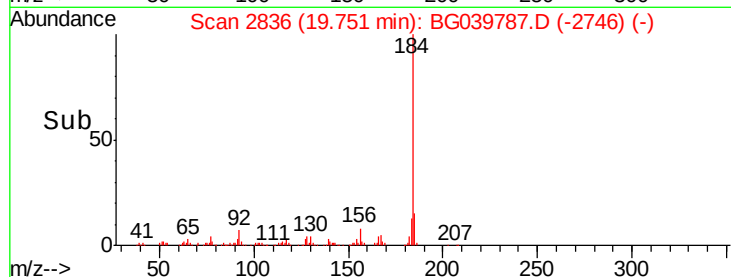
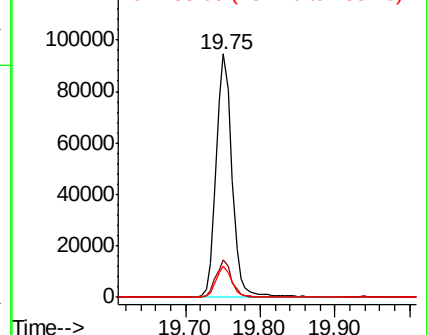
184 100

185 15.4 12.2 18.2

183 12.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.121 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

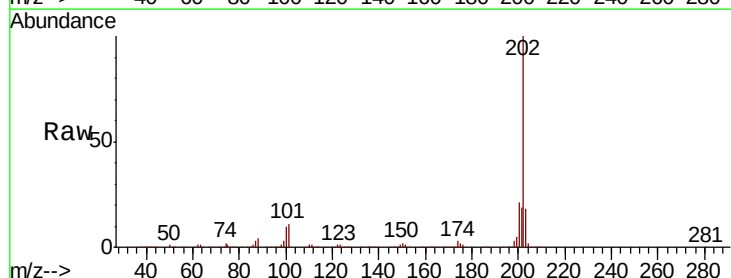
Tgt Ion:202 Resp: 716421

Ion Ratio Lower Upper

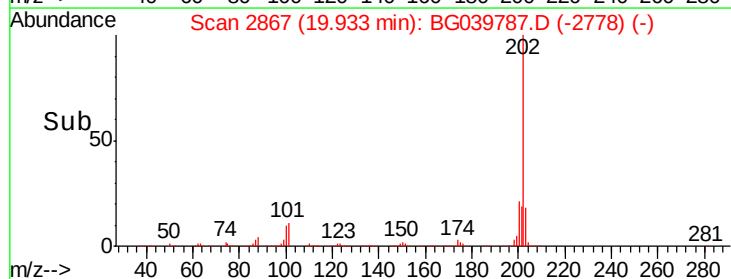
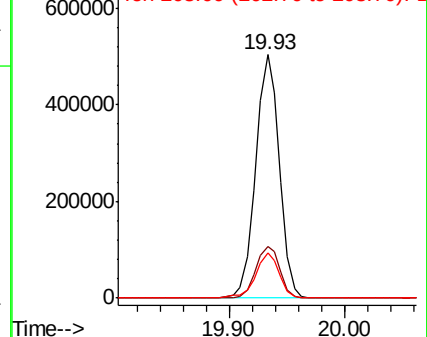
202 100

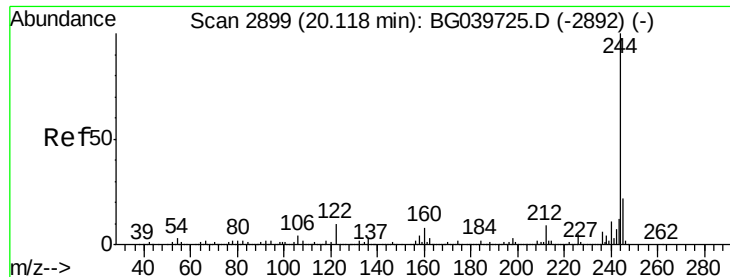
200 21.4 17.8 26.8

203 18.5 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.459 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

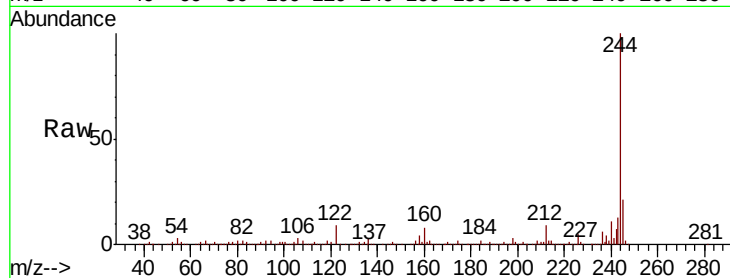
BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tgt Ion:244 Resp: 1004397

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.1	8.4	12.6

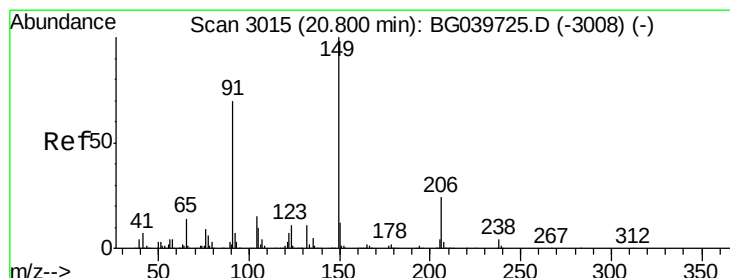
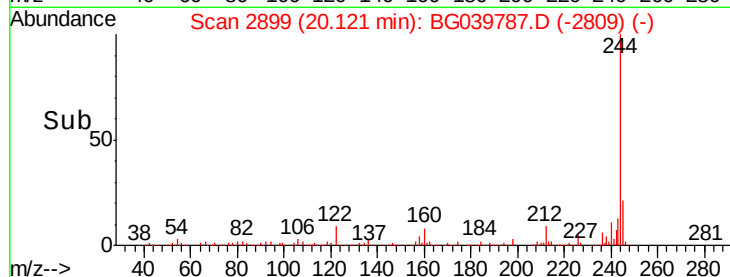
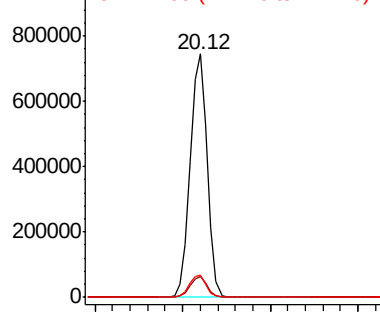


Abundance

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: 40.222 ng

RT: 20.80 min Scan# 3014

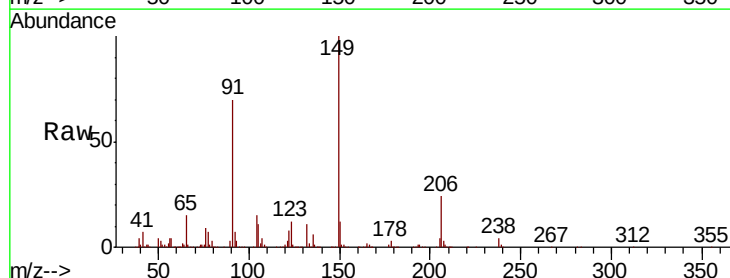
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:149 Resp: 300746

Ion	Ratio	Lower	Upper
149	100		
91	69.6	59.5	89.3
206	24.4	18.6	27.8

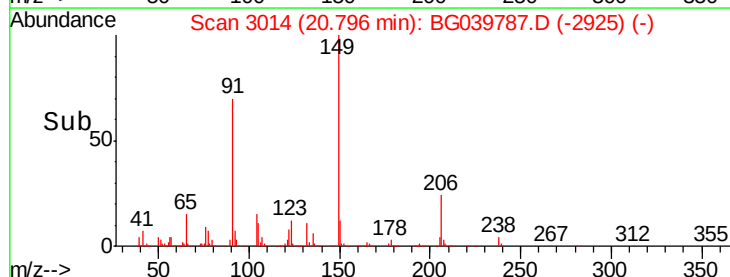
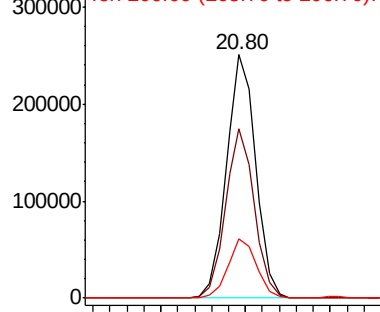


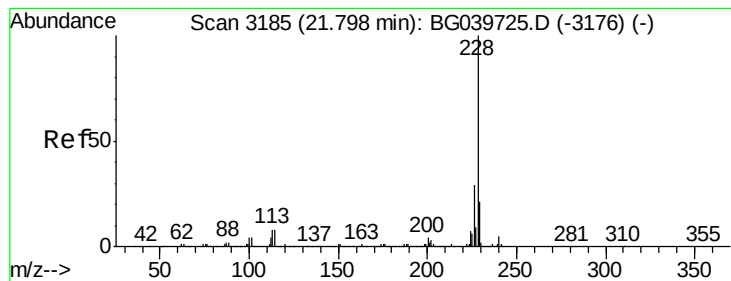
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.908 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

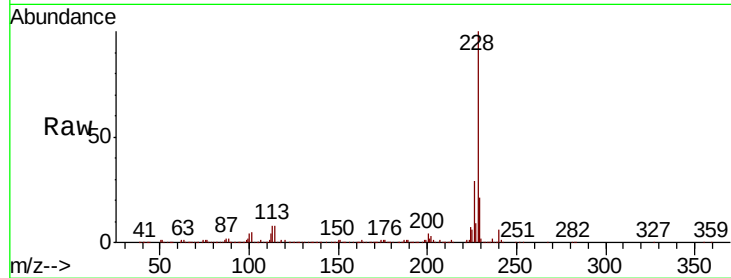
BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tgt Ion:228 Resp: 668407

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.7	16.9	25.3

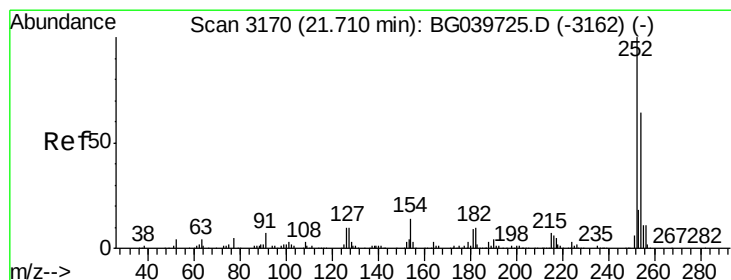
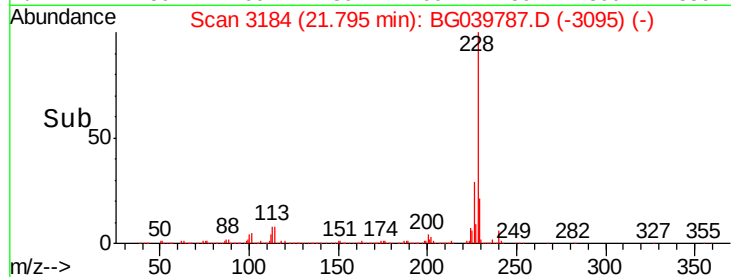
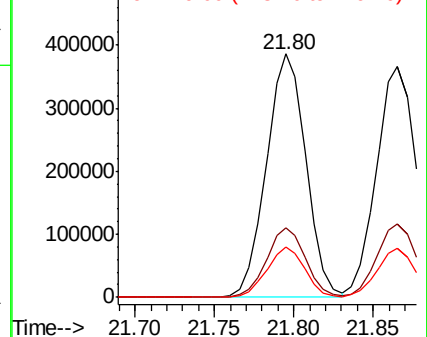


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.302 ng

RT: 21.71 min Scan# 3169

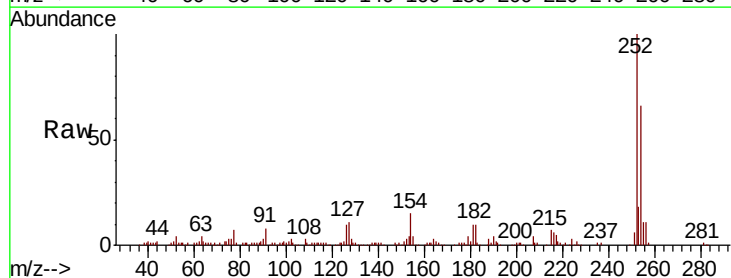
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:252 Resp: 103993

Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.3	76.9
126	9.9	8.0	12.0

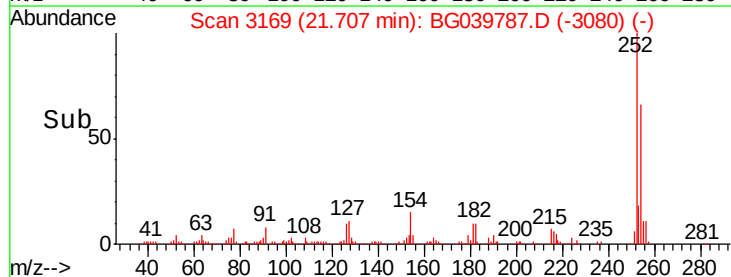
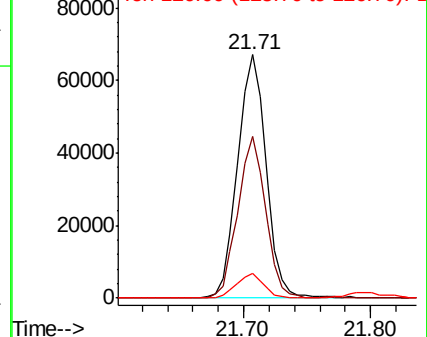


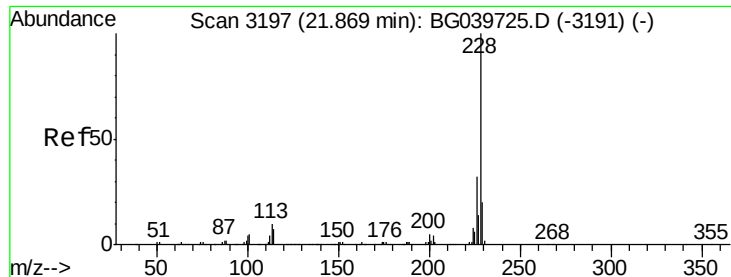
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.389 ng

RT: 21.87 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

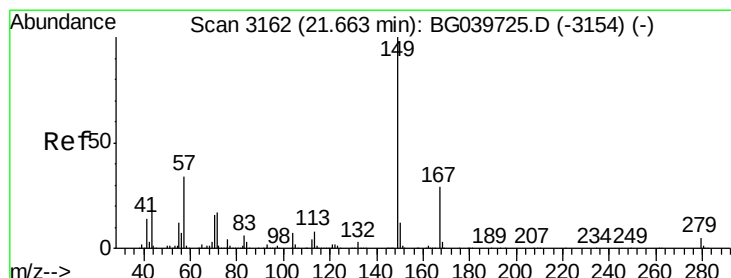
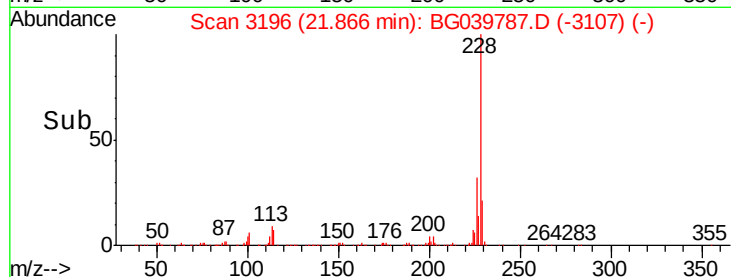
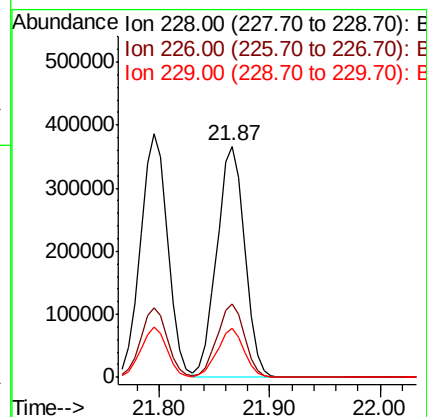
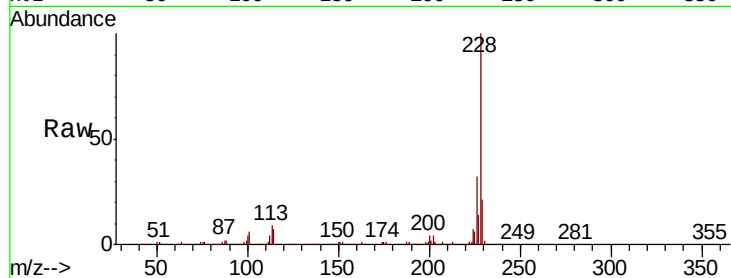
Tgt Ion:228 Resp: 638629

Ion Ratio Lower Upper

228 100

226 31.6 25.8 38.6

229 21.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.517 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

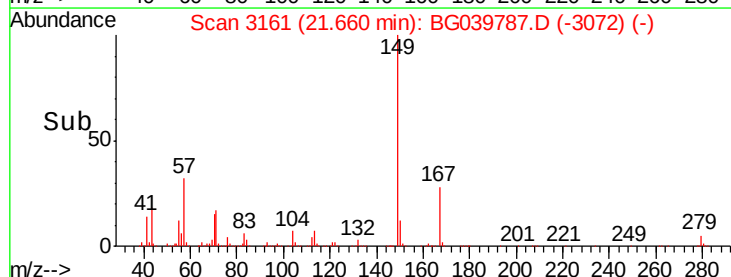
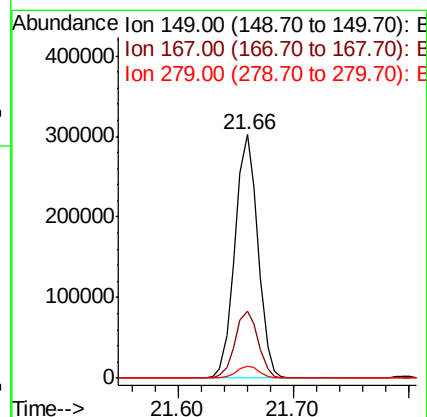
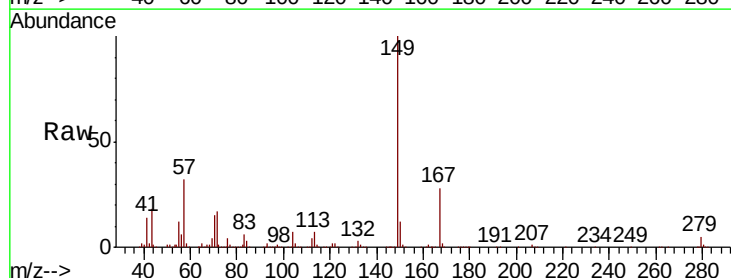
Tgt Ion:149 Resp: 415214

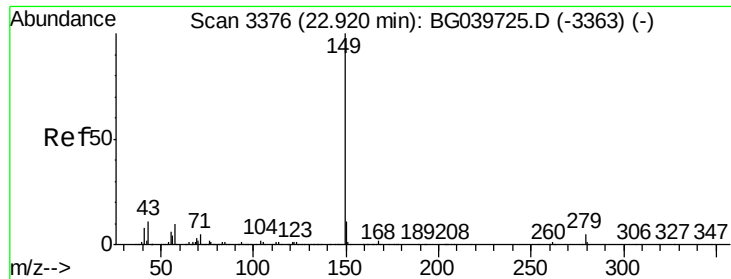
Ion Ratio Lower Upper

149 100

167 27.5 22.6 34.0

279 4.8 3.5 5.3

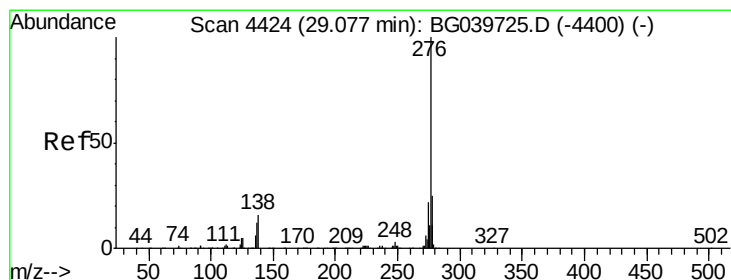
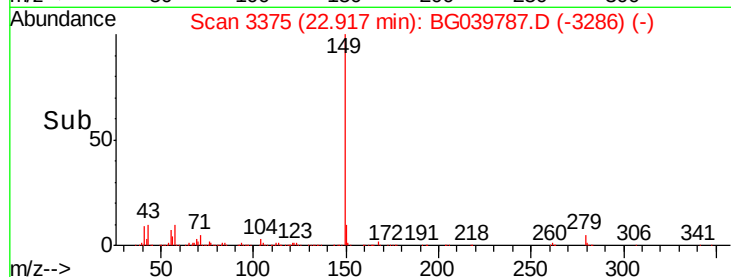
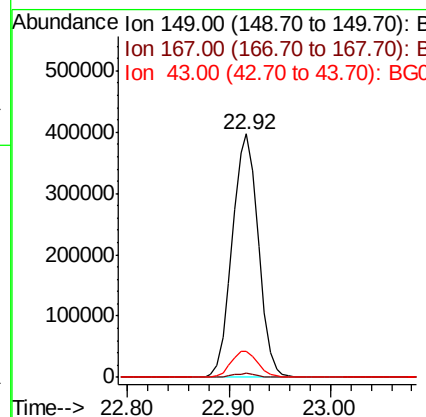
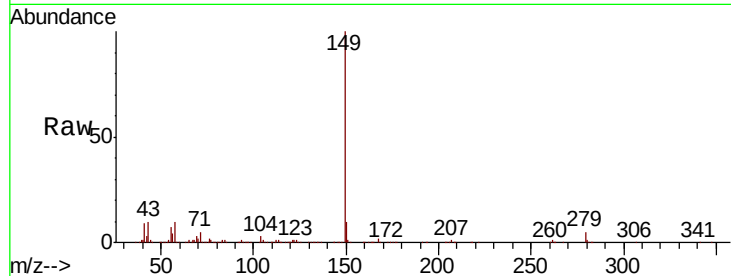




#85
Di-n-octyl phthalate
Concen: 40.468 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

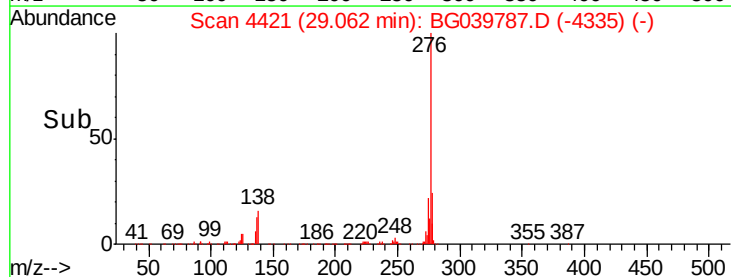
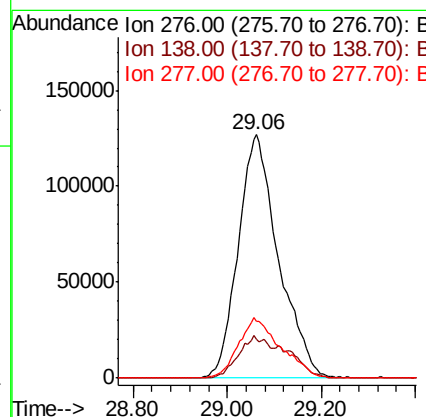
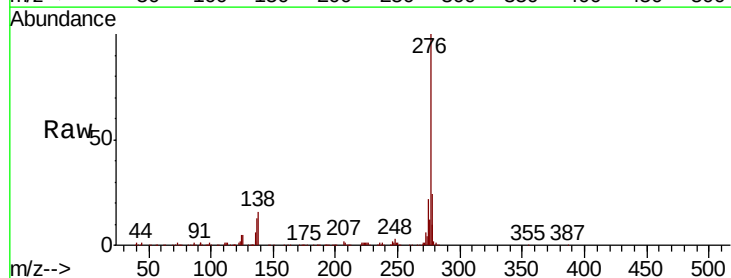
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

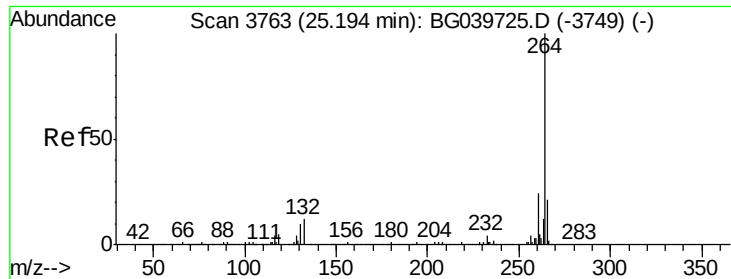
Tgt Ion:149 Resp: 704048
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.8 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.798 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:276 Resp: 753346
Ion Ratio Lower Upper
276 100
138 8.9 12.6 19.0#
277 26.0 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

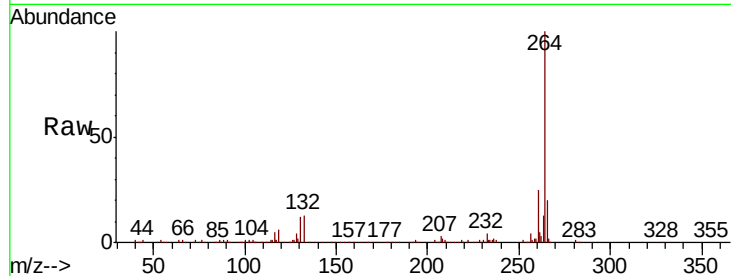
Tgt Ion:264 Resp: 306524

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

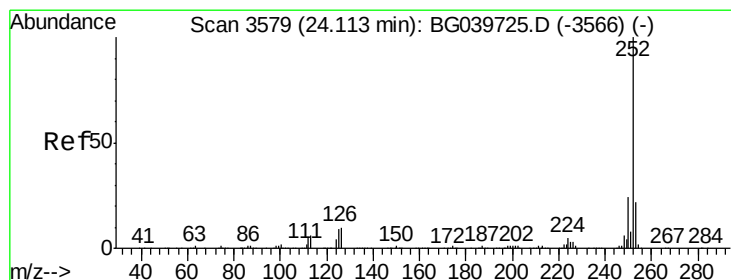
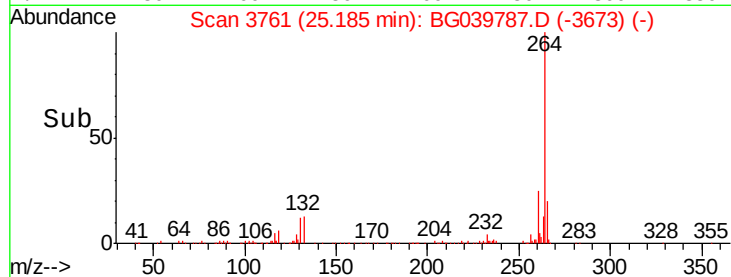
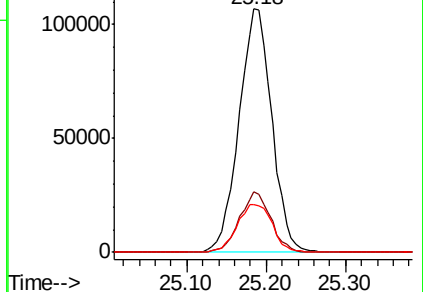
265 19.8 18.5 27.7



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: 36.039 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

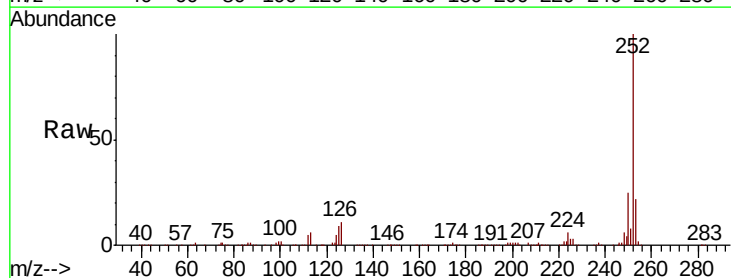
Tgt Ion:252 Resp: 658744

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

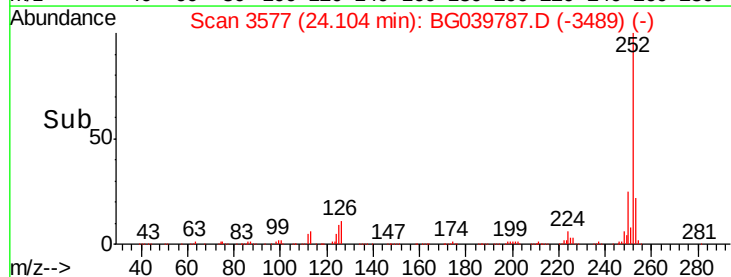
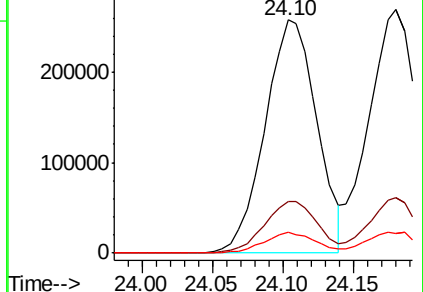
125 9.2 7.8 11.6

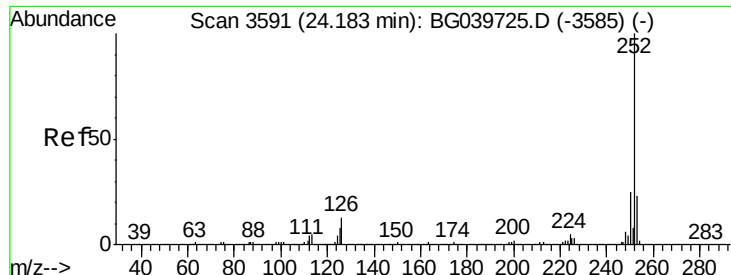


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

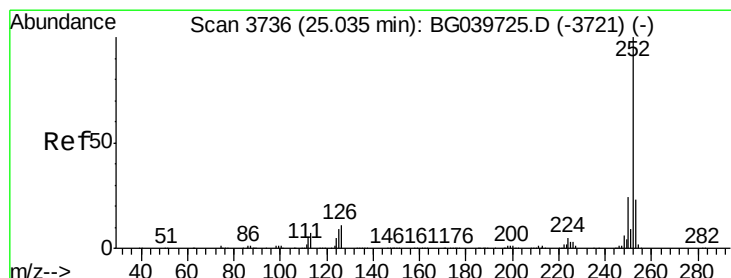
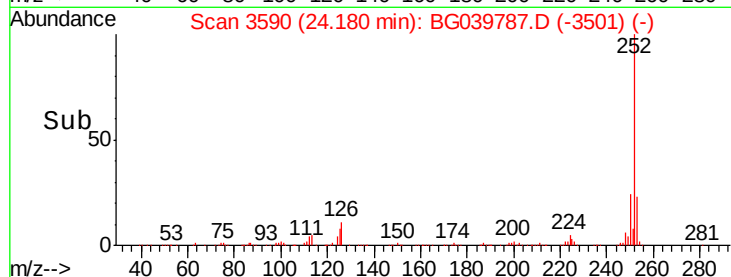
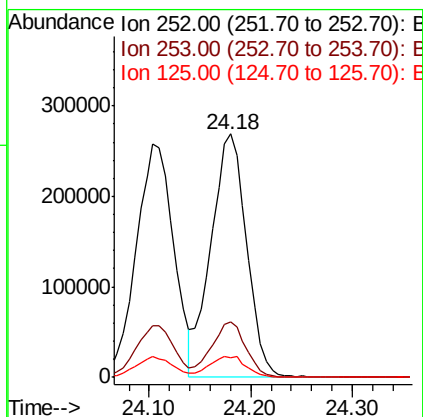
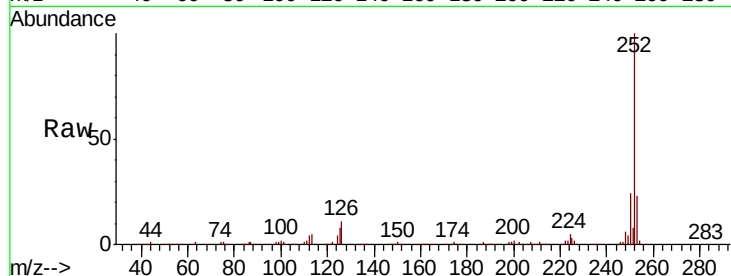




#89
Benzo(k)fluoranthene
Concen: 38.436 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

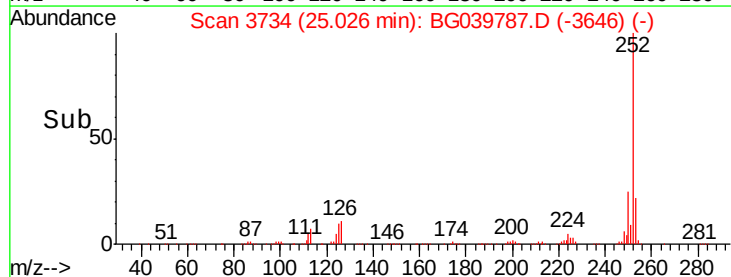
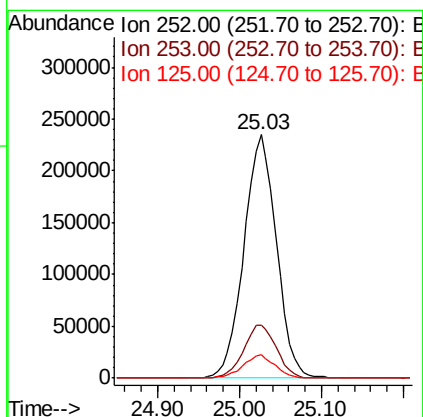
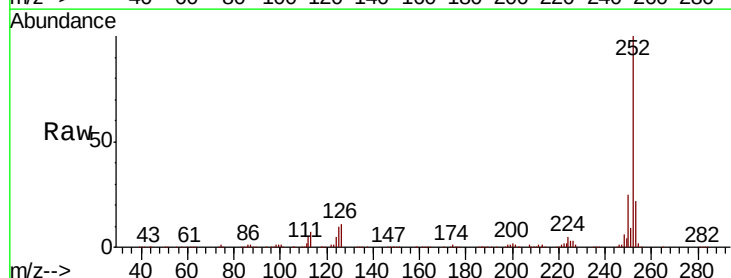
Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

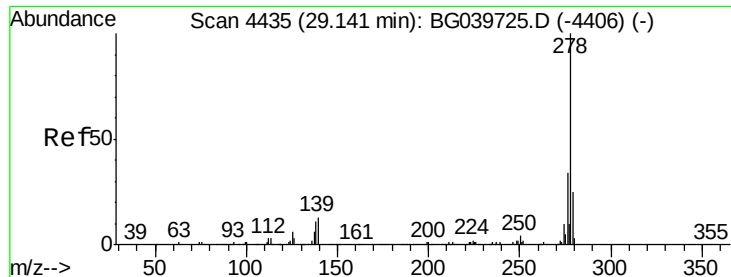
Tgt Ion:252 Resp: 653974
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 38.362 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:252 Resp: 647944
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.6 8.3 12.5

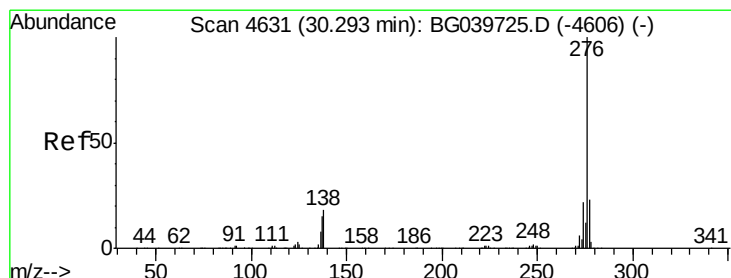
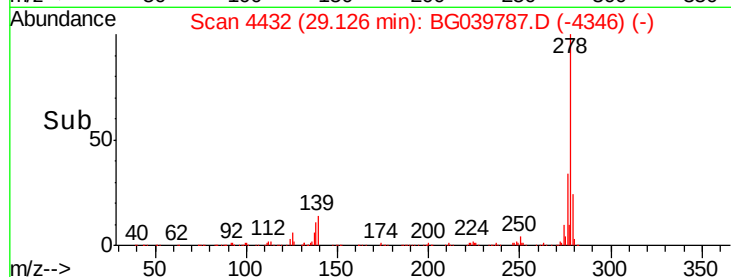
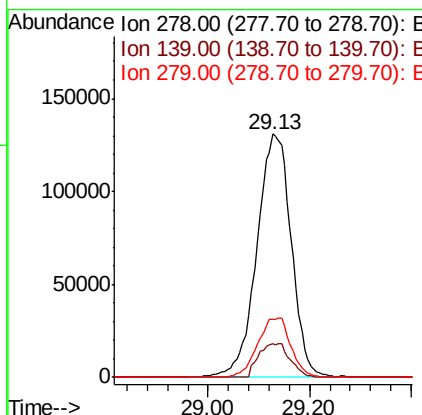
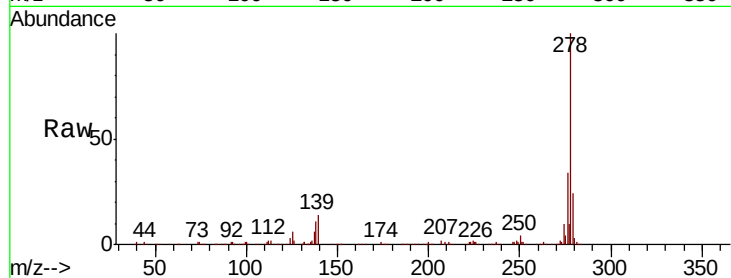




#91
Dibenzo(a,h)anthracene
Concen: 37.371 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	23.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 37.588 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.6	29.4
138	15.2	14.7	22.1

