

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039796.D
 Acq On : 6 Mar 2019 20:45
 Operator : JU/SJ
 Sample : K1752-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Quant Time: Mar 07 00:11:52 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	8.16	152	47952	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	224460	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	157865	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	377371	20.00	ng	0.00
76) Chrysene-d12	21.82	240	346975	20.00	ng	-0.01
87) Perylene-d12	25.18	264	361901	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	351647	125.11	ng	0.00
7) Phenol-d6	7.31	99	518705	123.77	ng	0.00
23) Nitrobenzene-d5	9.33	82	306864	73.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	214019	116.31	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	759245	68.48	ng	-0.01
79) Terphenyl-d14	20.12	244	1106800	70.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	35920	27.681	ng	98
3) Pyridine	3.99	79	78394	22.566	ng	95
4) n-Nitrosodimethylamine	3.91	42	54966	33.352	ng	88
6) Aniline	7.48	93	101185	18.428	ng	98
8) 2-Chlorophenol	7.72	128	125611	36.836	ng	96
9) Benzaldehyde	7.29	77	75673	27.991	ng	99
10) Phenol	7.33	94	184877	40.720	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	117496	33.192	ng	96
12) 1,3-Dichlorobenzene	8.05	146	125352	32.503	ng	94
13) 1,4-Dichlorobenzene	8.19	146	128790	32.785	ng	98
14) 1,2-Dichlorobenzene	8.51	146	123619	32.570	ng	99
15) Benzyl Alcohol	8.39	79	123927	37.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	237376	33.529	ng	99
17) 2-Methylphenol	8.59	107	115771	39.990	ng	97
18) Hexachloroethane	9.24	117	45157	32.037	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	102753	34.063	ng	92
20) 3+4-Methylphenols	8.92	107	161372	40.124	ng	97
22) Acetophenone	8.99	105	195101	32.385	ng	# 94
24) Nitrobenzene	9.37	77	151180	34.723	ng	98
25) Isophorone	9.89	82	300291	34.532	ng	98
26) 2-Nitrophenol	10.08	139	76607	36.442	ng	97
27) 2,4-Dimethylphenol	10.13	122	136207	41.662	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	178923	33.858	ng	99
29) 2,4-Dichlorophenol	10.62	162	147344	40.029	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	140737	33.978	ng	97
31) Naphthalene	11.03	128	401723	33.803	ng	99
32) Benzoic acid	10.26	122	77204	36.263	ng	93
33) 4-Chloroaniline	11.14	127	71890	14.266	ng	96
34) Hexachlorobutadiene	11.29	225	87964	31.078	ng	95
35) Caprolactam	11.92	113	32041	22.787	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	162045	38.403	ng	94
37) 2-Methylnaphthalene	12.62	142	313720	35.309	ng	96
38) 1-Methylnaphthalene	12.84	142	299374	34.672	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	172746	32.301	ng	100

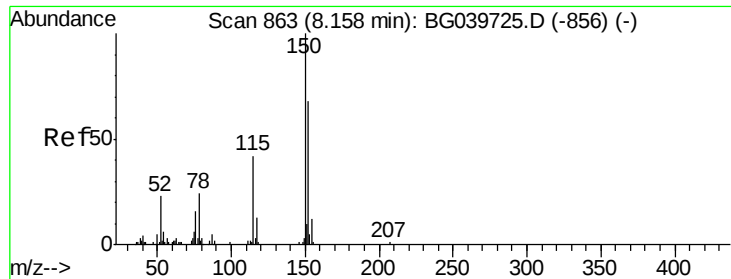
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	188714	65.845	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	127219	40.631	ng	95
44) 2,4,5-Trichlorophenol	13.29	196	137072	38.839	ng	98
46) 1,1'-Biphenyl	13.62	154	422876	32.569	ng	100
47) 2-Chloronaphthalene	13.67	162	328709	33.652	ng	97
48) 2-Nitroaniline	13.87	65	117723	37.502	ng	93
49) Acenaphthylene	14.51	152	534847	33.355	ng	99
50) Dimethylphthalate	14.23	163	491780	37.255	ng	99
51) 2,6-Dinitrotoluene	14.36	165	102902	36.771	ng	93
52) Acenaphthene	14.85	154	322133	33.378	ng	98
53) 3-Nitroaniline	14.69	138	63296	22.501	ng	# 92
54) 2,4-Dinitrophenol	14.90	184	80161	47.694	ng	98
55) Dibenzofuran	15.18	168	530569	33.507	ng	99
56) 4-Nitrophenol	14.99	139	175193	69.619	ng	93
57) 2,4-Dinitrotoluene	15.14	165	142644	36.276	ng	89
58) Fluorene	15.82	166	420936	33.816	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	134795	39.108	ng	98
60) Diethylphthalate	15.58	149	456055	34.900	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	222480	33.493	ng	98
62) 4-Nitroaniline	15.86	138	104950	34.414	ng	95
63) Azobenzene	16.11	77	403458	34.060	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	74838	33.541	ng	94
66) n-Nitrosodiphenylamine	16.03	169	393542	36.022	ng	100
67) 4-Bromophenyl-phenylether	16.71	248	145647	34.480	ng	97
68) Hexachlorobenzene	16.82	284	149993	34.257	ng	98
69) Atrazine	16.97	200	155595	36.188	ng	95
70) Pentachlorophenol	17.17	266	187826	67.924	ng	98
71) Phenanthrene	17.57	178	686854	33.044	ng	99
72) Anthracene	17.66	178	694671	34.295	ng	98
73) Carbazole	17.93	167	626325	34.299	ng	100
74) Di-n-butylphthalate	18.46	149	737595	34.331	ng	99
75) Fluoranthene	19.57	202	784193	31.923	ng	99
77) Benzidine	19.75	184	219858	19.968	ng	98
78) Pyrene	19.93	202	782501	34.706	ng	99
80) Butylbenzylphthalate	20.80	149	328573	37.615	ng	93
81) Benzo(a)anthracene	21.79	228	721326	33.171	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	115361	14.530	ng	99
83) Chrysene	21.86	228	687307	32.602	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	455937	37.144	ng	99
85) Di-n-octyl phthalate	22.91	149	765049	37.642	ng	97
86) Indeno(1,2,3-cd)pyrene	29.07	276	820482	34.306	ng	99
88) Benzo(b)fluoranthene	24.11	252	710173	32.908	ng	98
89) Benzo(k)fluoranthene	24.18	252	683692	34.034	ng	99
90) Benzo(a)pyrene	25.03	252	695483	34.875	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	673162	34.432	ng	100
92) Benzo(g,h,i)perylene	30.28	276	683620	34.817	ng	99

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

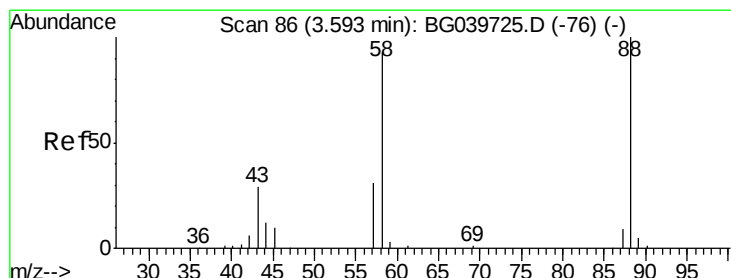
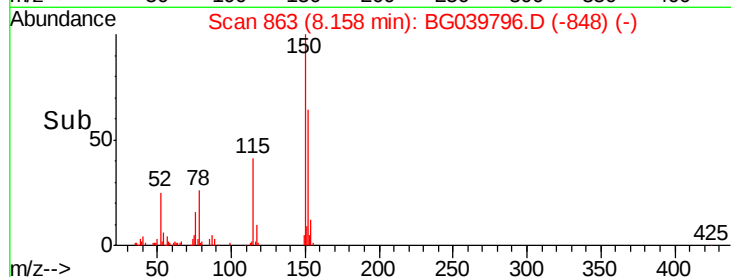
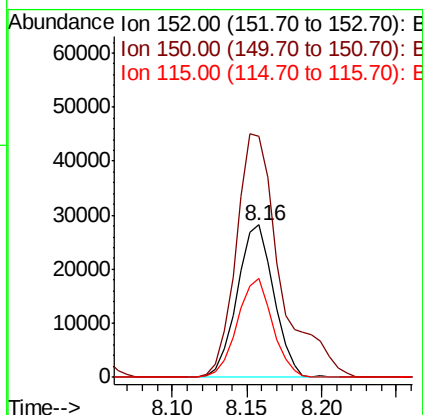
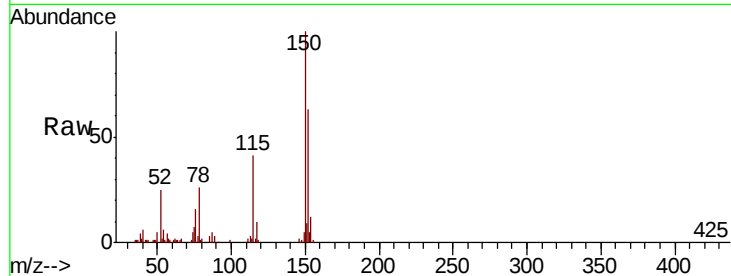


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

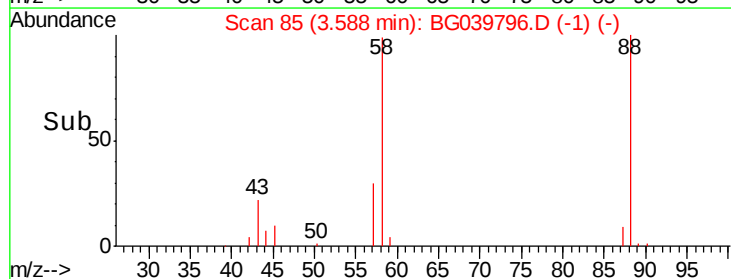
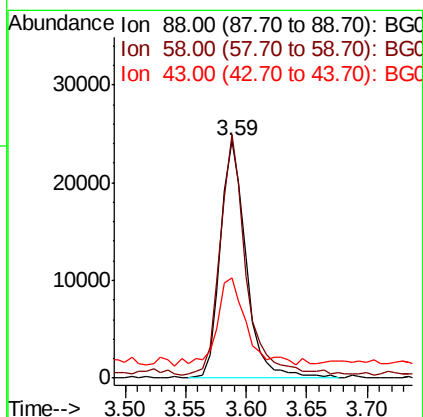
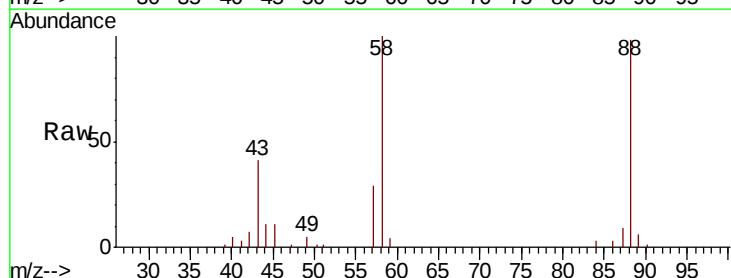
Tgt Ion:152 Resp: 47952
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 64.7 45.9 68.9



#2

1,4-Dioxane
Concen: 27.681 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion: 88 Resp: 35920
Ion Ratio Lower Upper
88 100
58 102.2 81.1 121.7
43 42.2 31.4 47.0





#3

Pyridine

Concen: 22.566 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

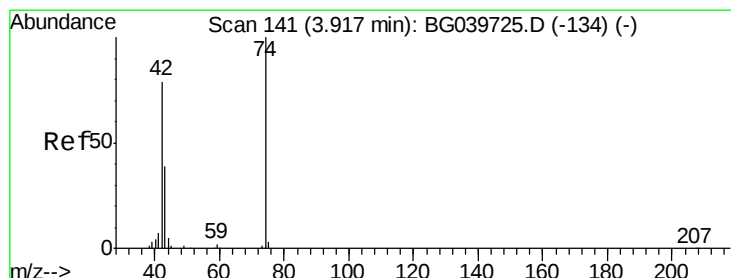
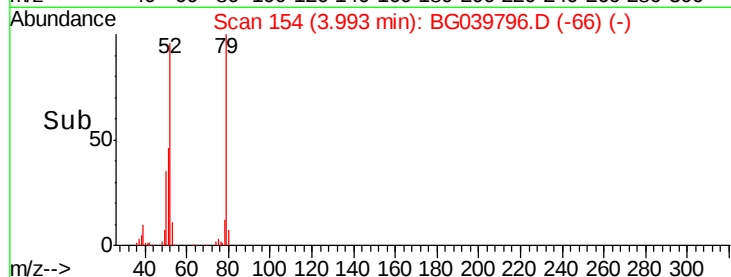
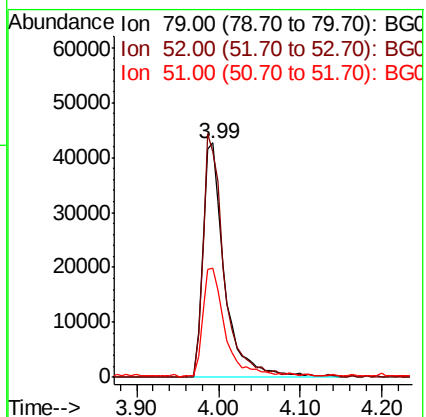
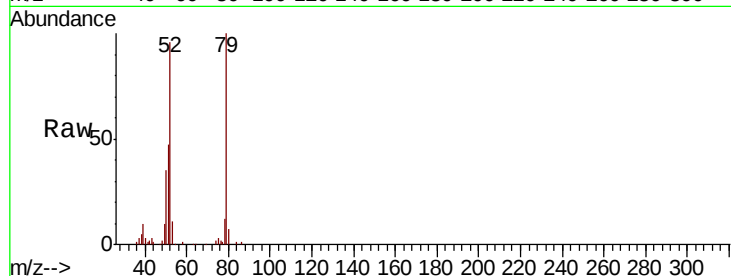
Tgt Ion: 79 Resp: 78394

Ion Ratio Lower Upper

79 100

52 96.2 82.6 124.0

51 46.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 33.352 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

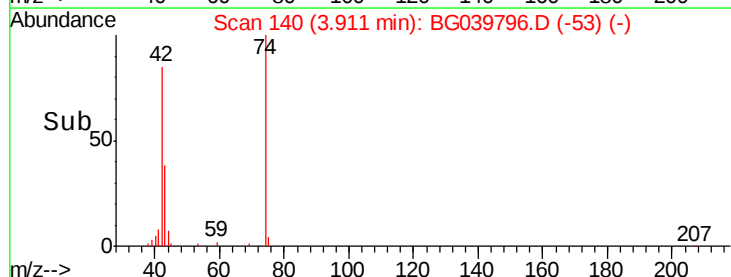
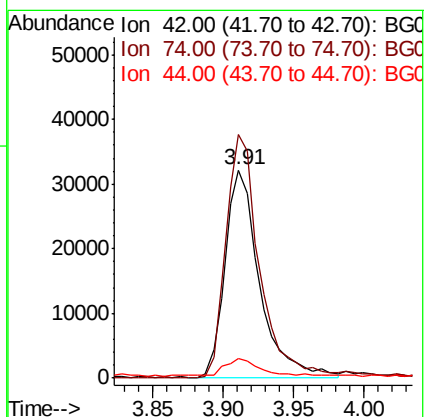
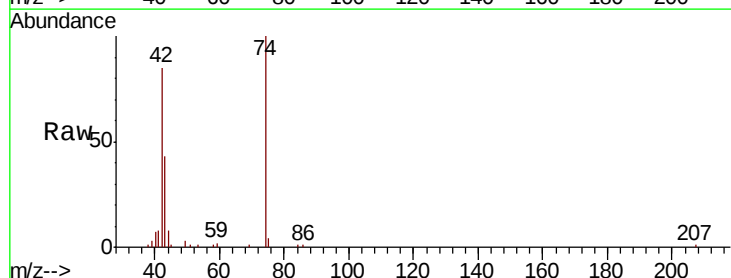
Tgt Ion: 42 Resp: 54966

Ion Ratio Lower Upper

42 100

74 117.2 83.6 125.4

44 9.5 6.9 10.3





#5

2-Fluorophenol

Concen: 125.107 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

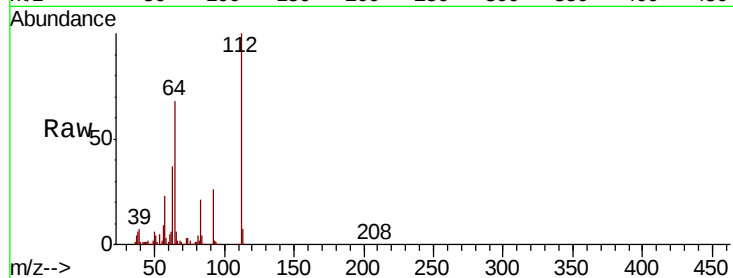
Tgt Ion:112 Resp: 351647

Ion Ratio Lower Upper

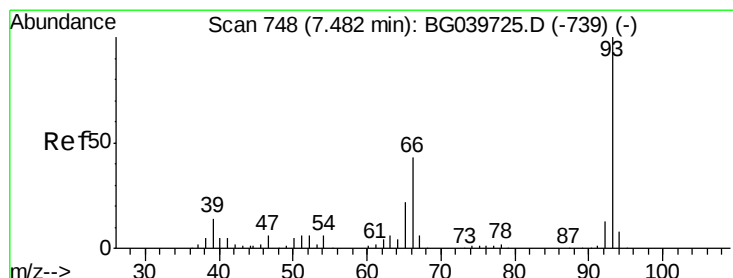
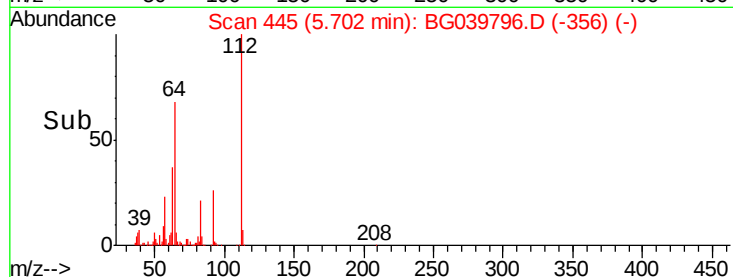
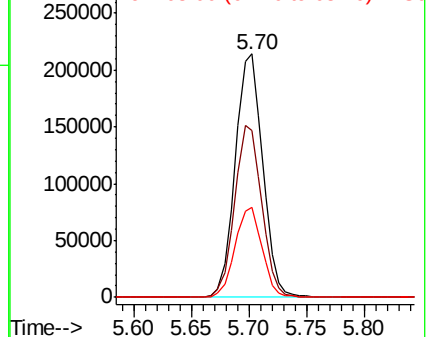
112 100

64 68.3 57.8 86.8

63 36.8 29.8 44.6



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



#6

Aniline

Concen: 18.428 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

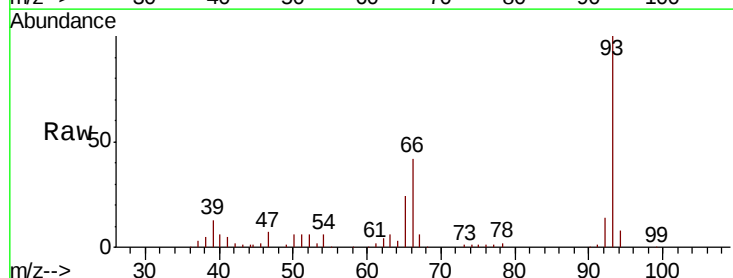
Tgt Ion: 93 Resp: 101185

Ion Ratio Lower Upper

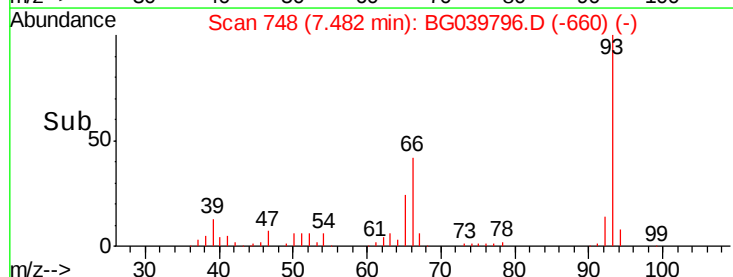
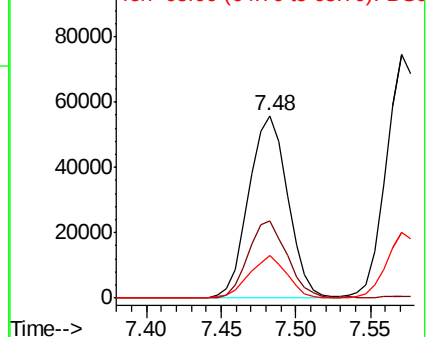
93 100

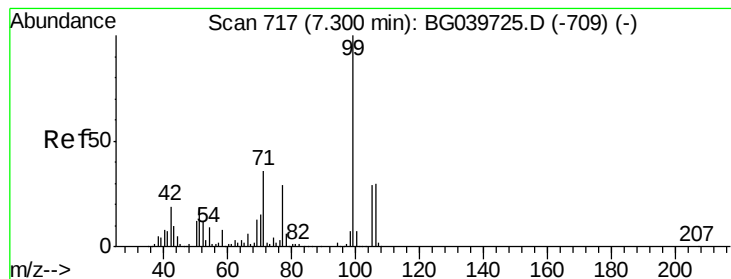
66 42.2 34.2 51.4

65 23.5 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: 123.766 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

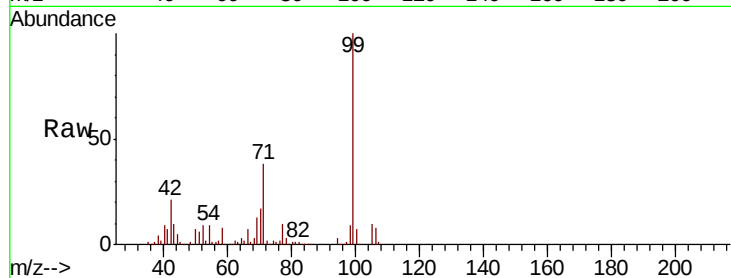
Tgt Ion: 99 Resp: 518705

Ion Ratio Lower Upper

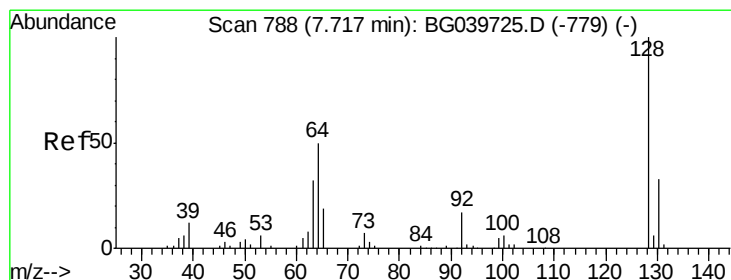
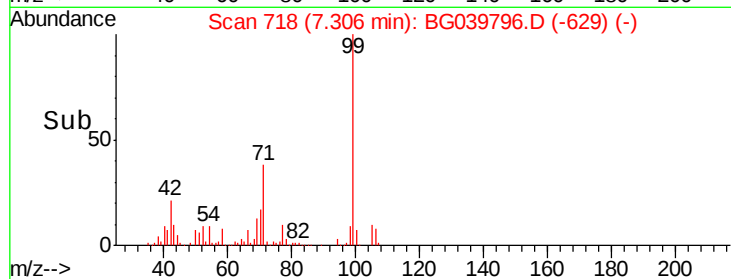
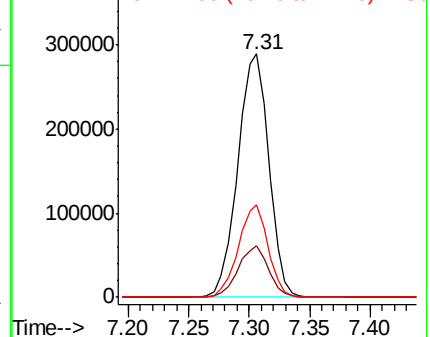
99 100

42 20.9 18.2 27.2

71 37.8 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: 36.836 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

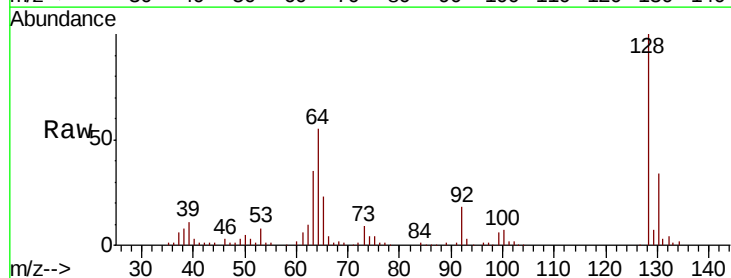
Tgt Ion: 128 Resp: 125611

Ion Ratio Lower Upper

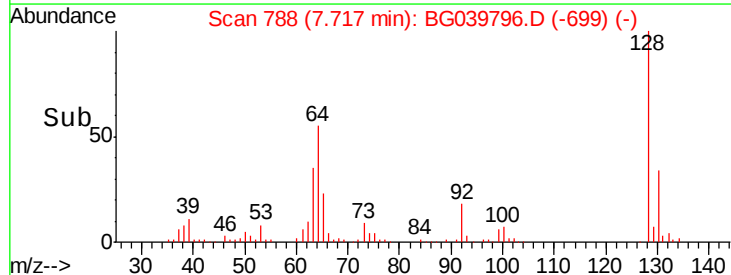
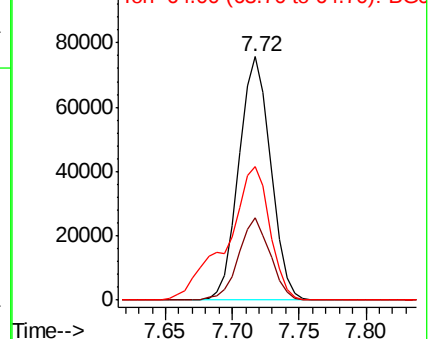
128 100

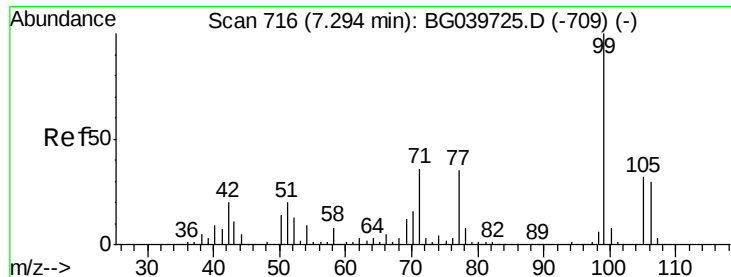
130 33.6 12.9 52.9

64 54.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 27.991 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampled :

DR-FCMSD

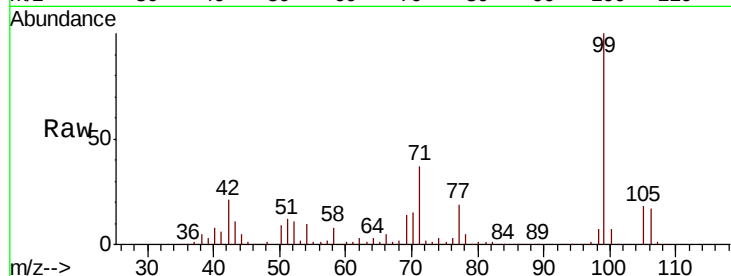
Tgt Ion: 77 Resp: 75673

Ion Ratio Lower Upper

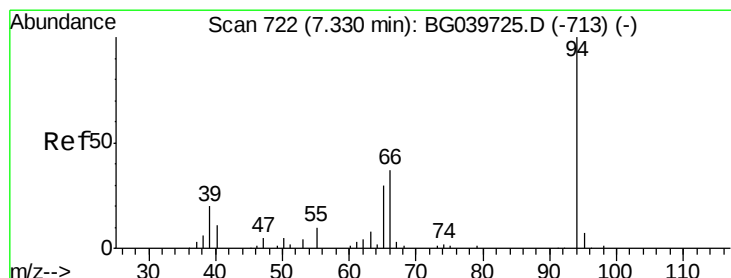
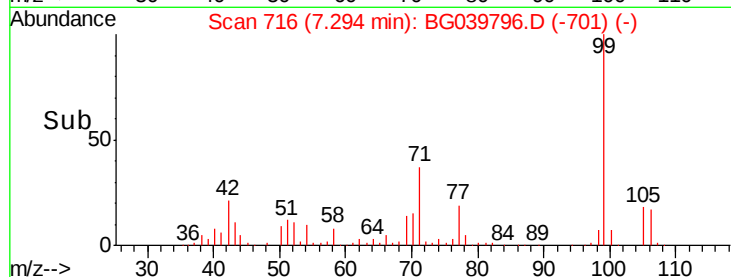
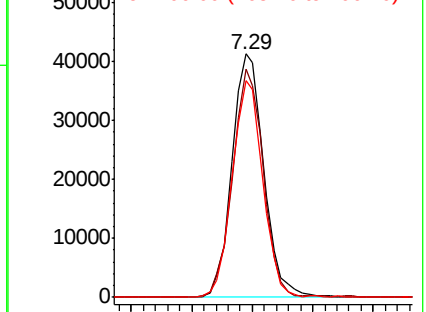
77 100

105 93.9 74.5 114.5

106 89.1 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: 40.720 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

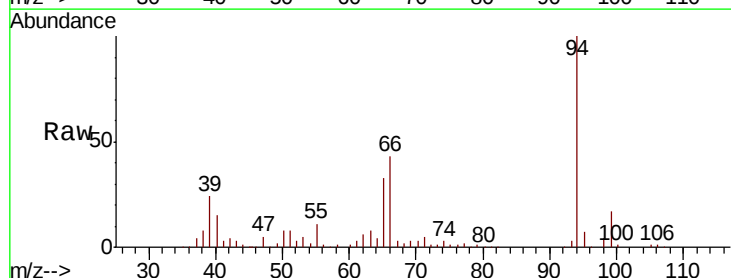
Tgt Ion: 94 Resp: 184877

Ion Ratio Lower Upper

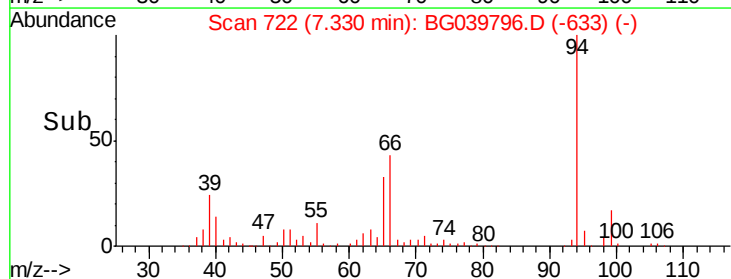
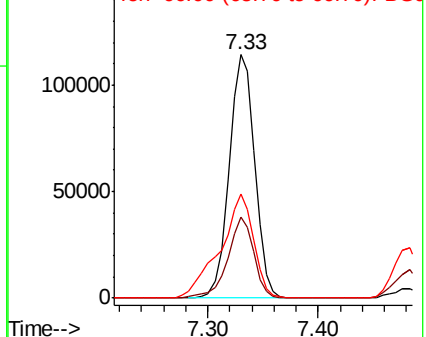
94 100

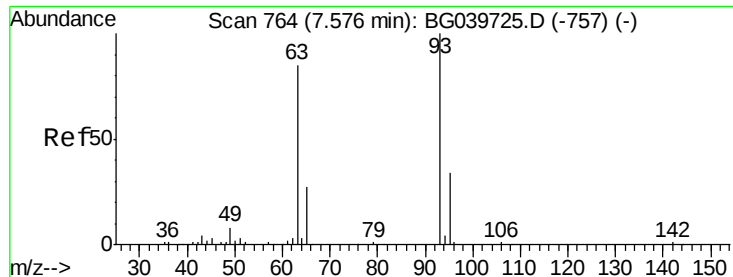
65 33.0 11.7 51.7

66 42.6 23.7 63.7



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

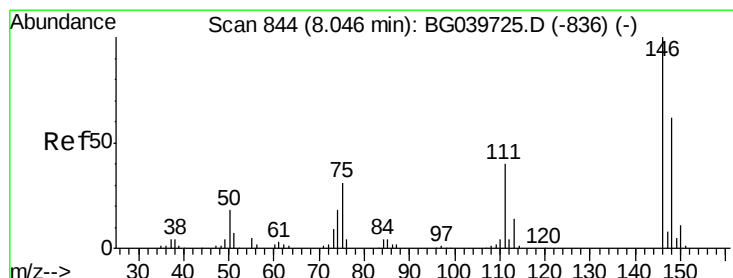
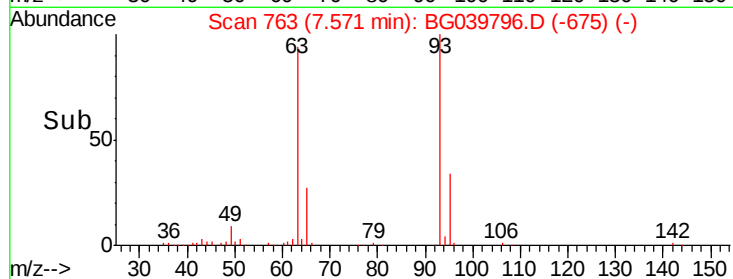
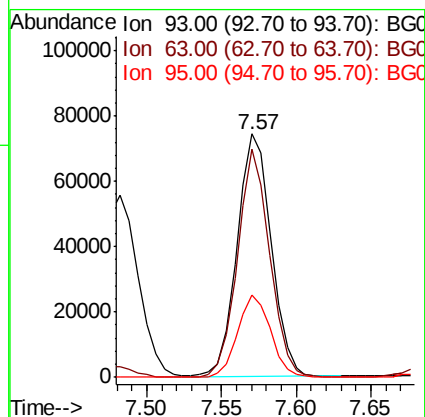
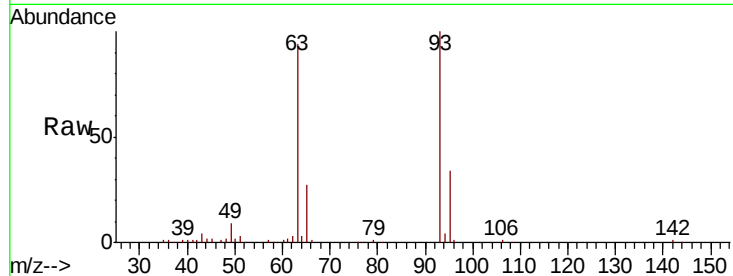




#11
 bis(2-Chloroethyl)ether
 Concen: 33.192 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

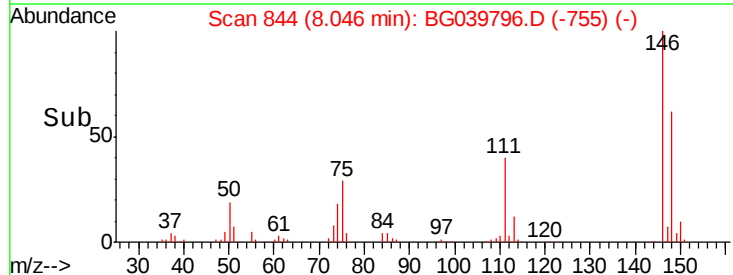
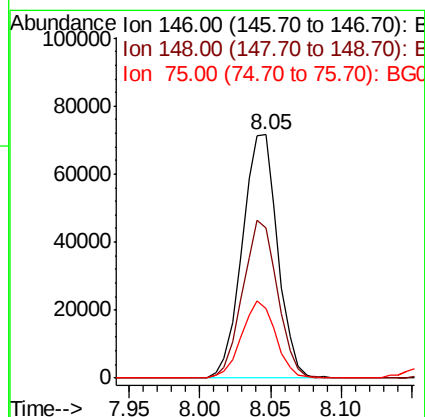
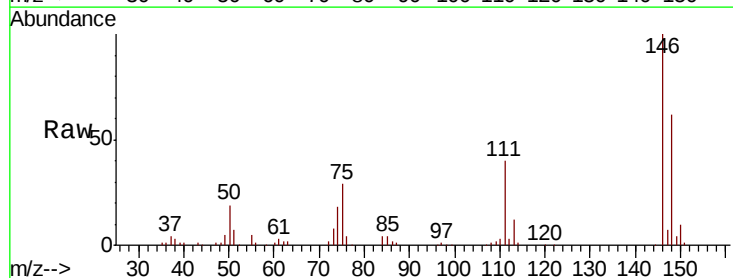
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

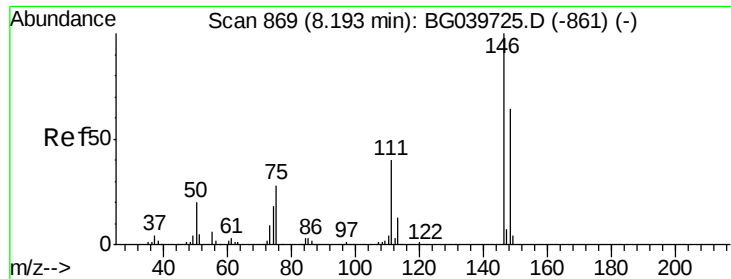
Tgt Ion: 93 Resp: 117496
 Ion Ratio Lower Upper
 93 100
 63 93.7 69.5 109.5
 95 33.6 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 32.503 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion: 146 Resp: 125352
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.6 79.0
 75 28.6 25.8 38.6

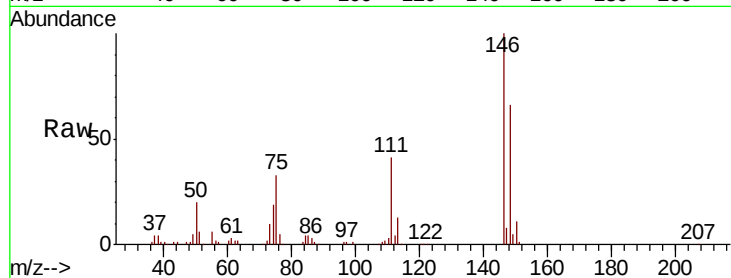




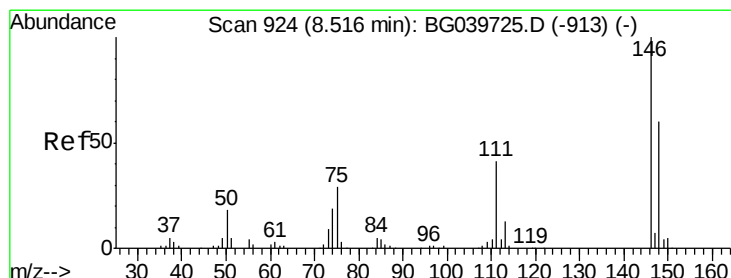
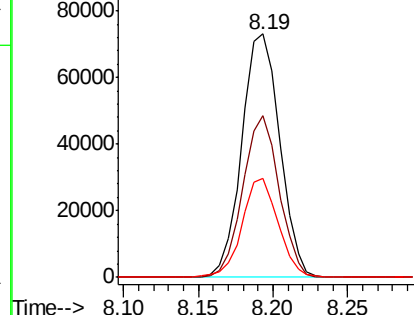
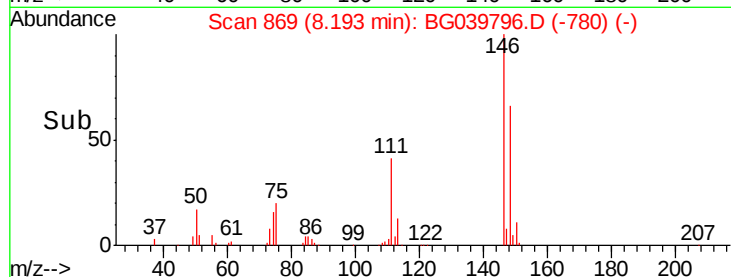
#13
 1,4-Dichlorobenzene
 Concen: 32.785 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion:146 Resp: 128790
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.1 76.7
 111 40.8 32.6 48.8

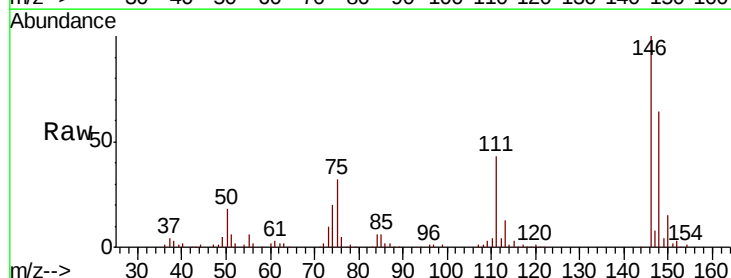


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

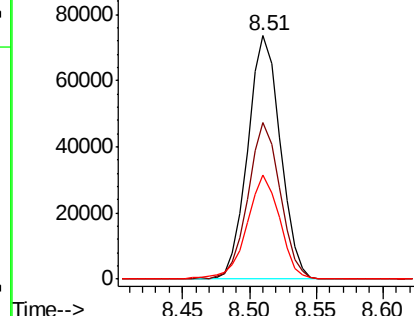
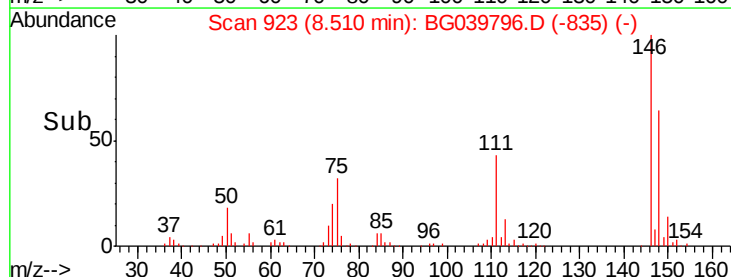


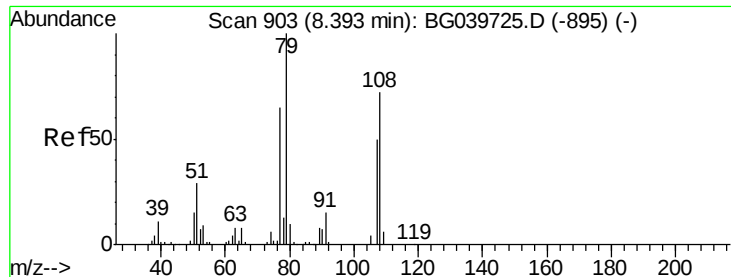
#14
 1,2-Dichlorobenzene
 Concen: 32.570 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:146 Resp: 123619
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.5 77.3
 111 42.9 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: 37.276 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

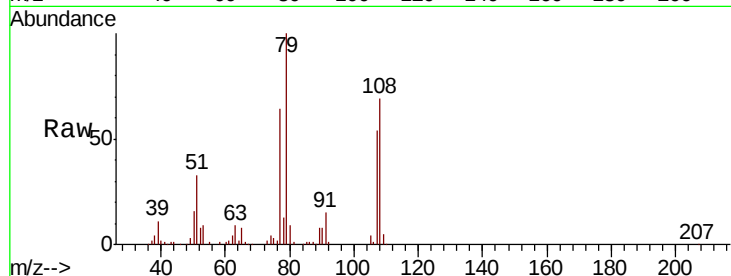
Tgt Ion: 79 Resp: 123927

Ion Ratio Lower Upper

79 100

108 68.9 57.8 86.6

77 64.1 51.1 76.7

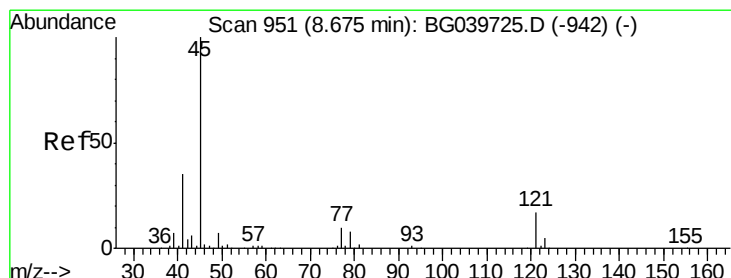
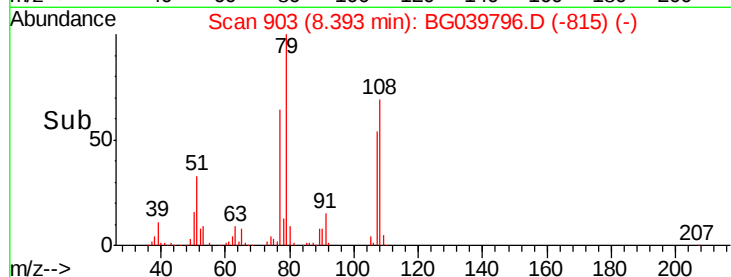
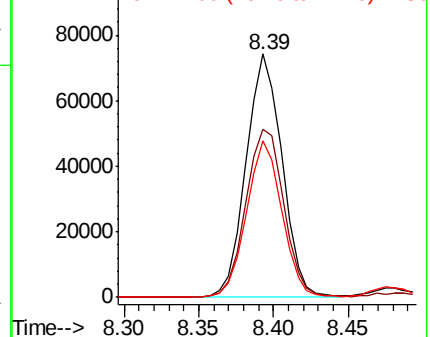


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.529 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

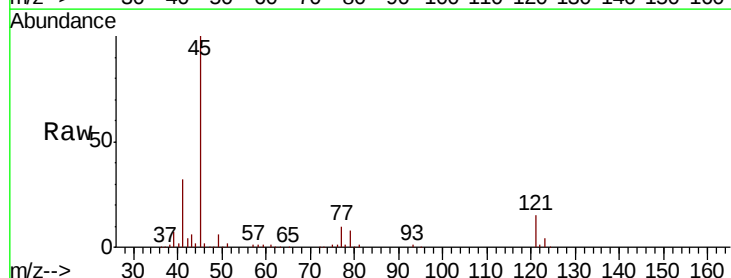
Tgt Ion: 45 Resp: 237376

Ion Ratio Lower Upper

45 100

77 9.6 0.0 30.0

79 7.5 0.0 27.5

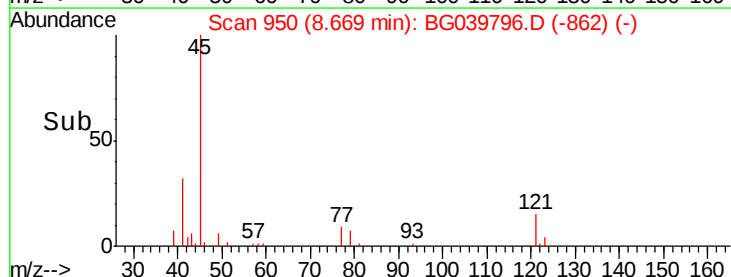
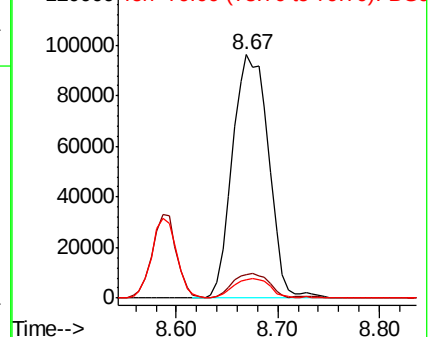


Abundance

Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

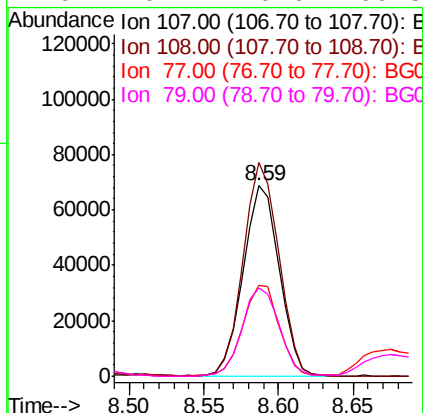
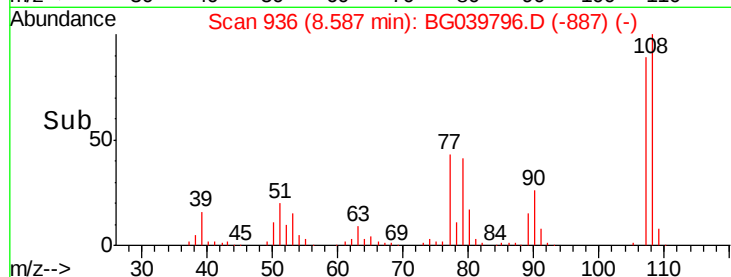
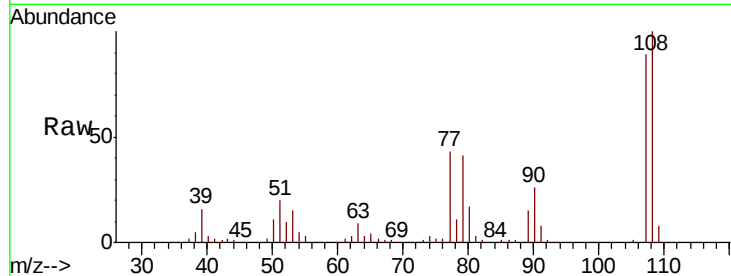




#17
2-Methylphenol
Concen: 39.990 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

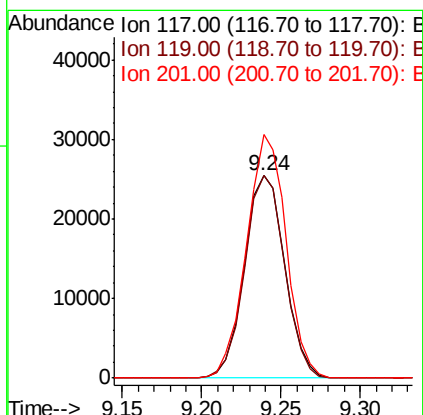
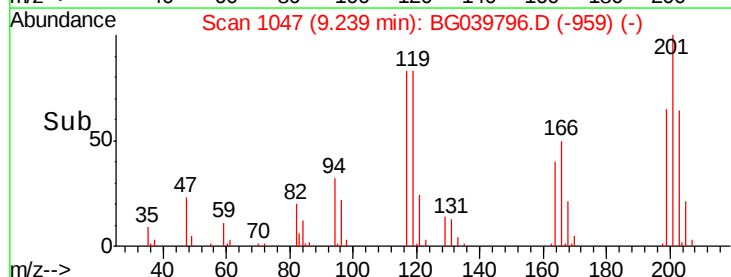
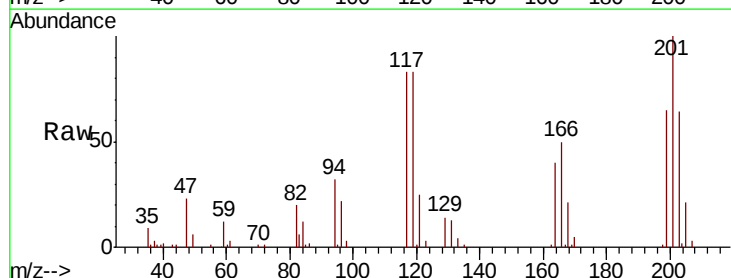
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

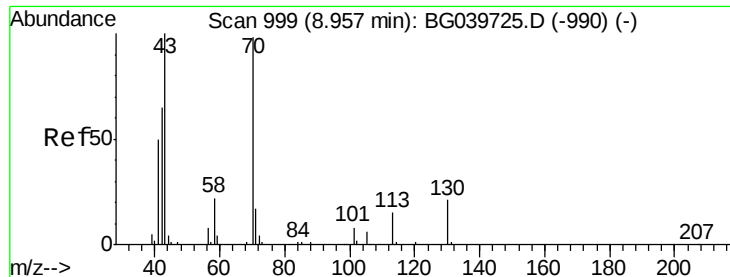
Tgt Ion:	107	Resp:	115771
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.8	136.2
77	47.9	40.7	61.1
79	46.1	40.6	60.8



#18
Hexachloroethane
Concen: 32.037 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:	117	Resp:	45157
Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.3	114.5
201	120.2	91.1	136.7

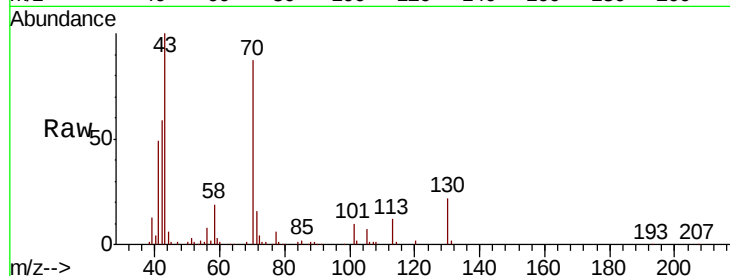




#19
n-Nitroso-di-n-propylamine
Concen: 34.063 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion:	70	Resp:	102753
Ion	Ratio	Lower	Upper
70	100		
42	68.0	60.4	90.6
101	10.9	7.5	11.3
130	24.6	16.9	25.3



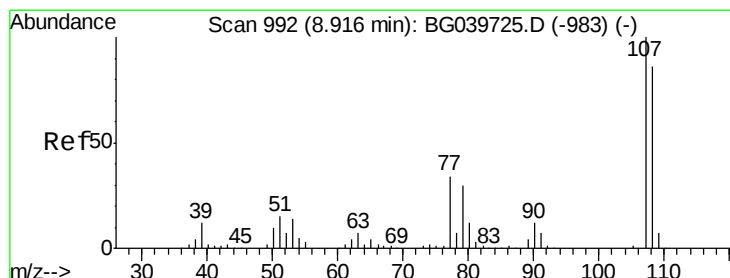
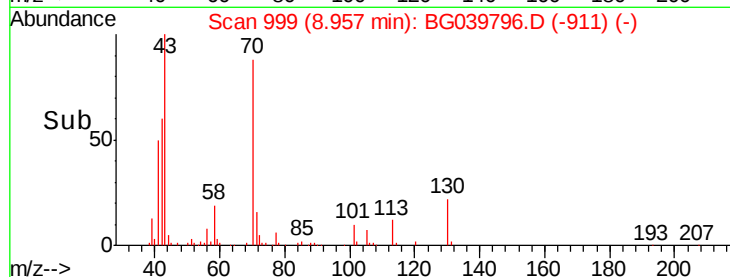
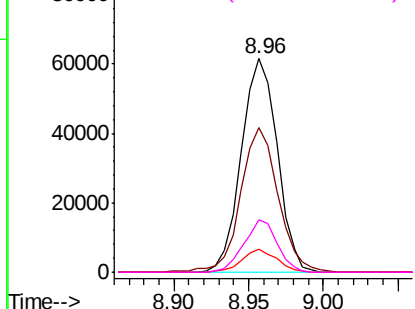
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

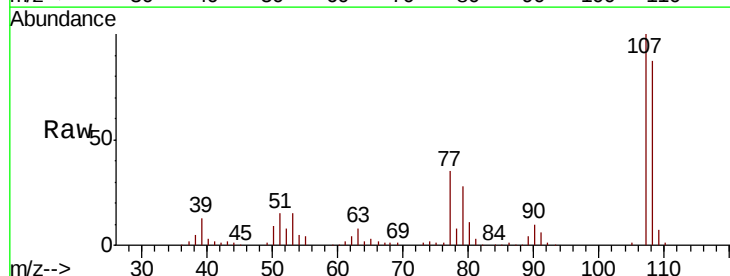
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.124 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:	107	Resp:	161372
Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.9	107.9
77	35.0	15.4	55.4
79	28.3	13.7	53.7



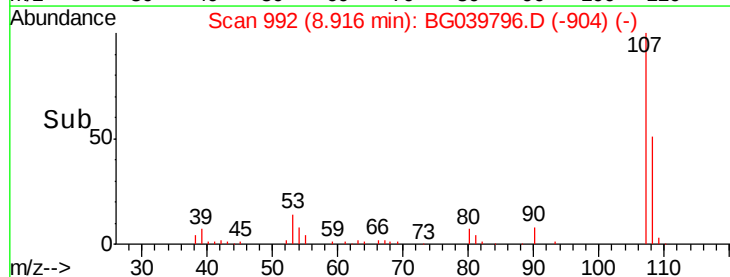
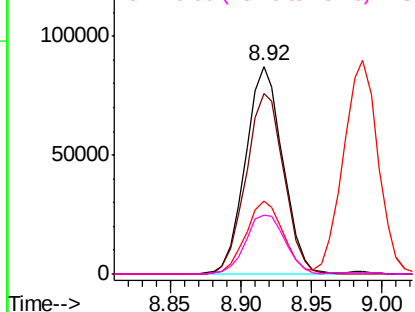
Abundance

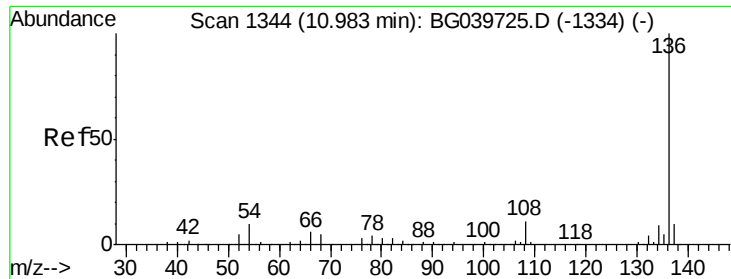
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

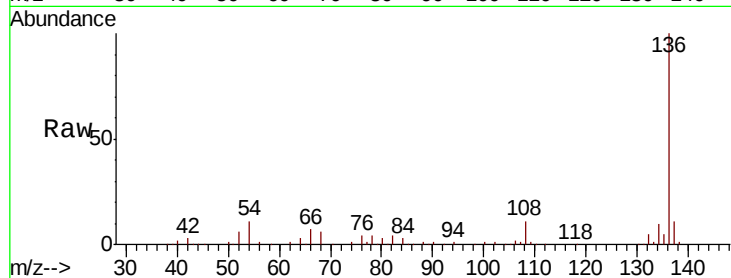




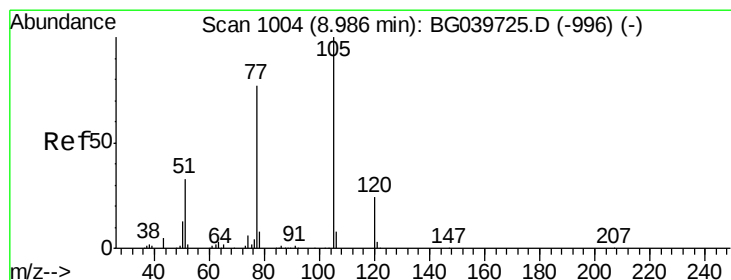
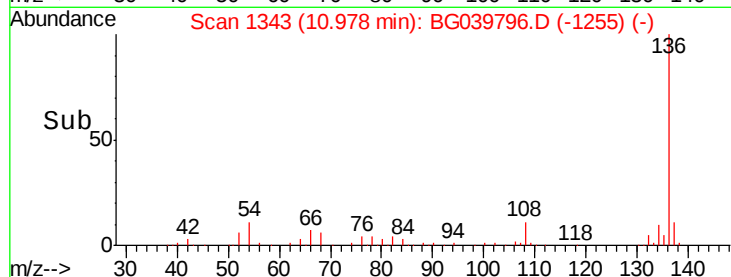
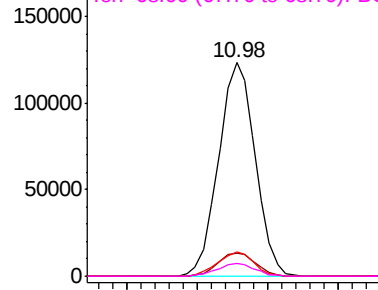
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion:	136	Resp:	224460
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.3	9.4	14.2
68	6.0	4.2	6.4

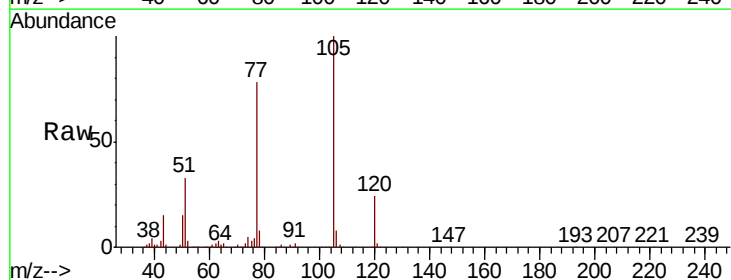


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

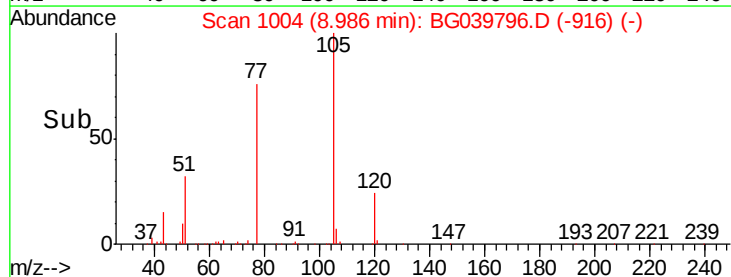
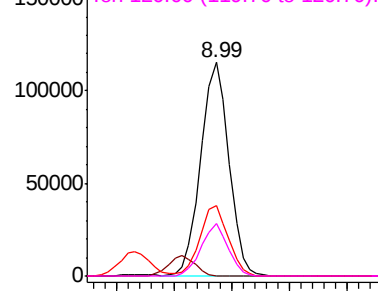


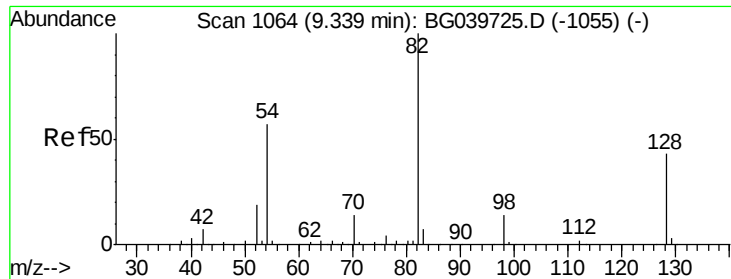
#22
Acetophenone
Concen: 32.385 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:	105	Resp:	195101
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	32.9	30.2	45.2
120	24.4	18.0	27.0



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

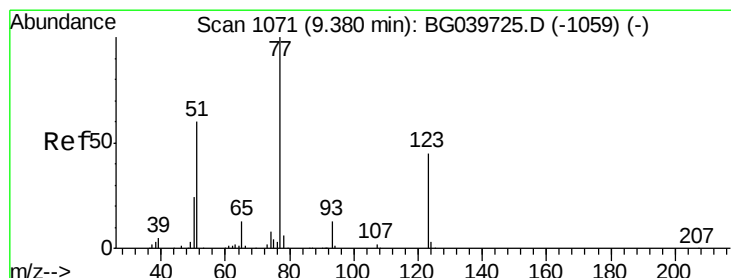
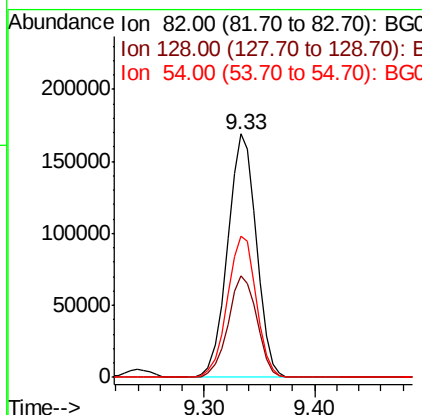
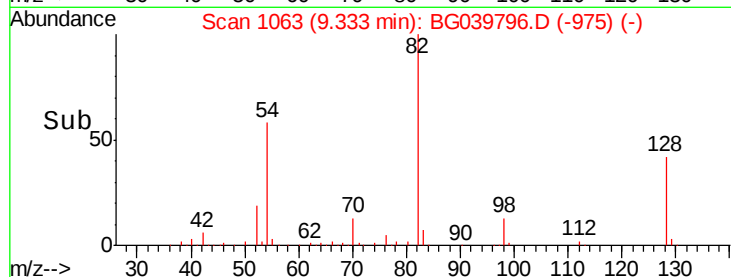
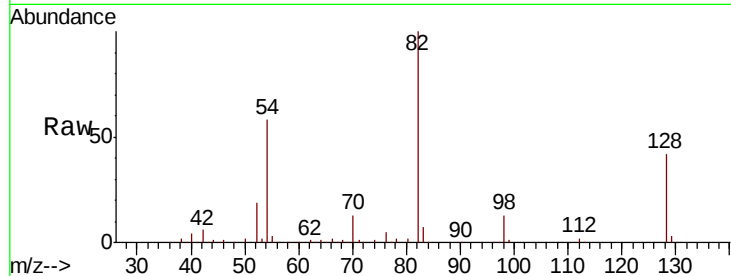




#23
 Nitrobenzene-d5
 Concen: 73.939 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

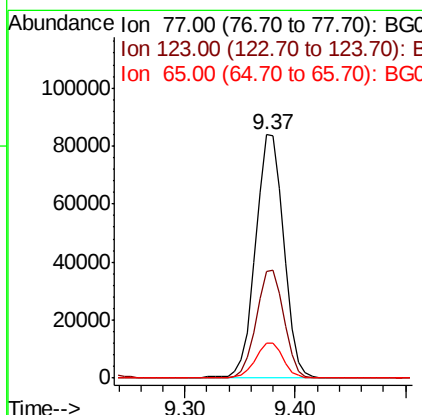
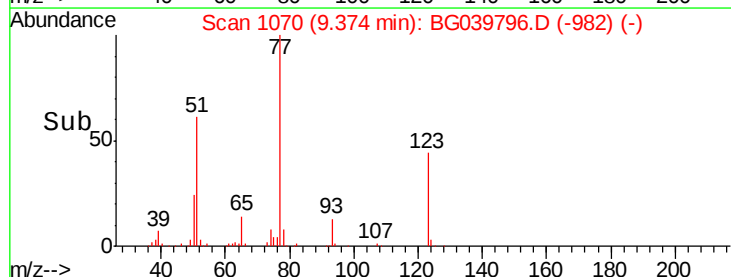
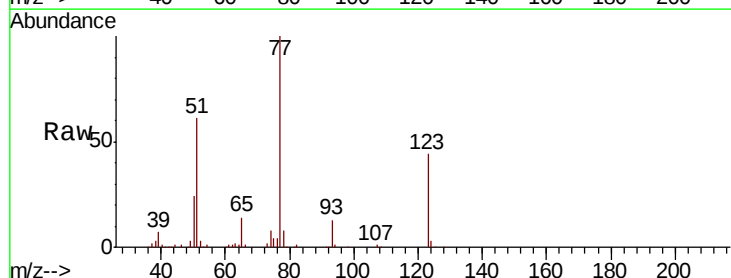
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

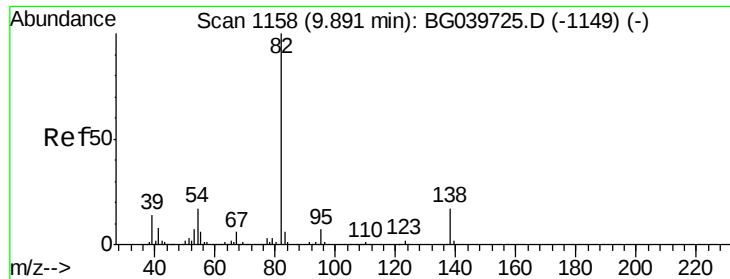
Tgt Ion: 82 Resp: 306864
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.3 46.9
 54 58.2 50.9 76.3



#24
 Nitrobenzene
 Concen: 34.723 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion: 77 Resp: 151180
 Ion Ratio Lower Upper
 77 100
 123 43.6 34.1 51.1
 65 14.3 12.3 18.5

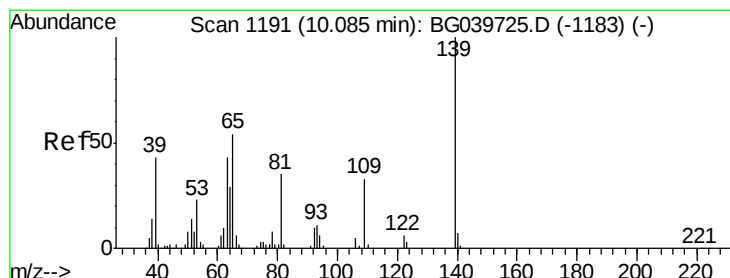
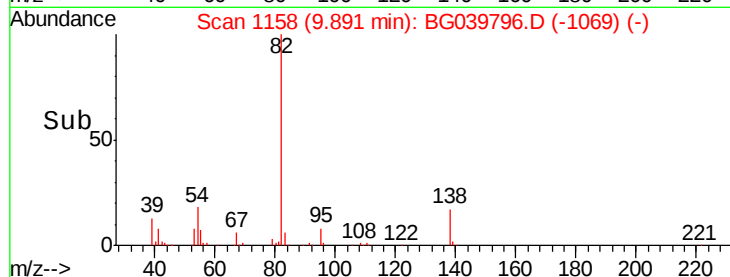
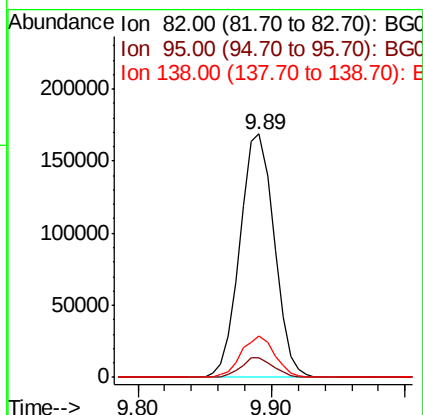
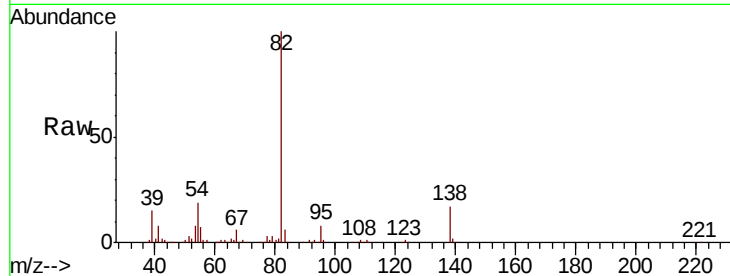




#25
Isophorone
Concen: 34.532 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

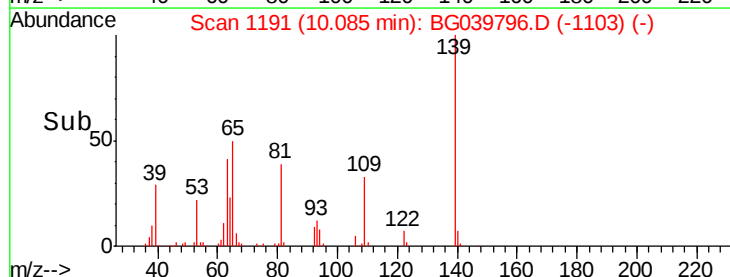
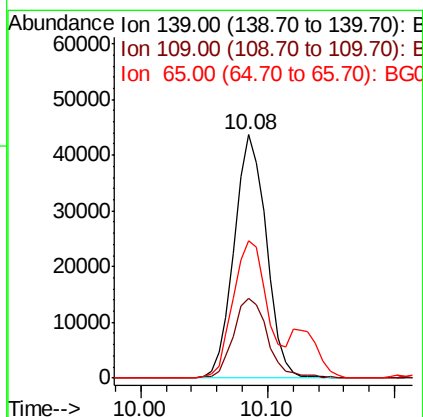
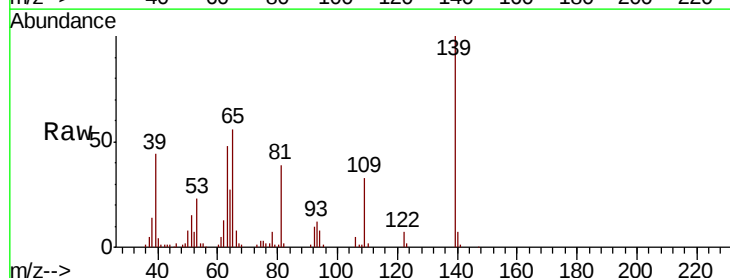
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion: 82 Resp: 300291
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 17.0 13.0 19.4



#26
2-Nitrophenol
Concen: 36.442 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion: 139 Resp: 76607
Ion Ratio Lower Upper
139 100
109 32.5 23.4 35.0
65 56.4 44.3 66.5

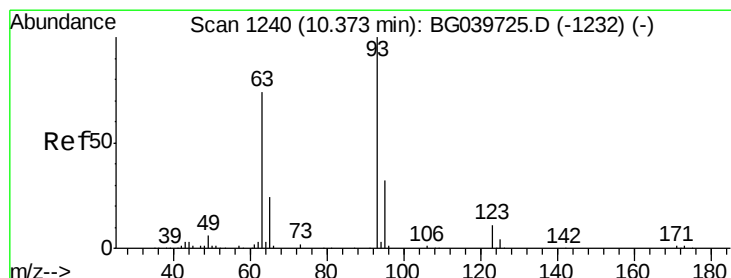
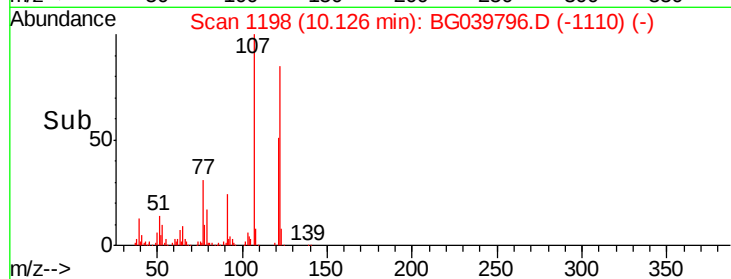
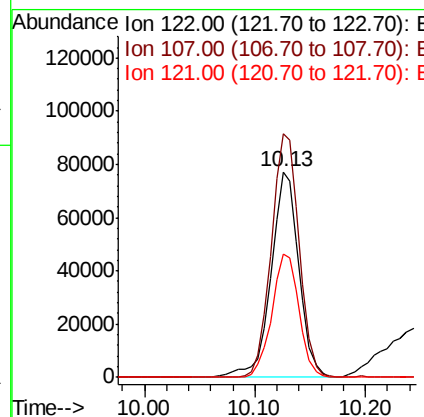
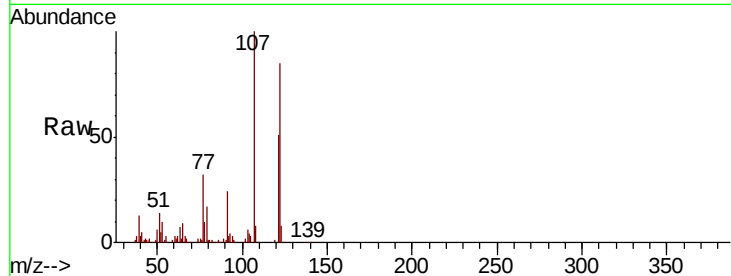




#27
 2,4-Dimethylphenol
 Concen: 41.662 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

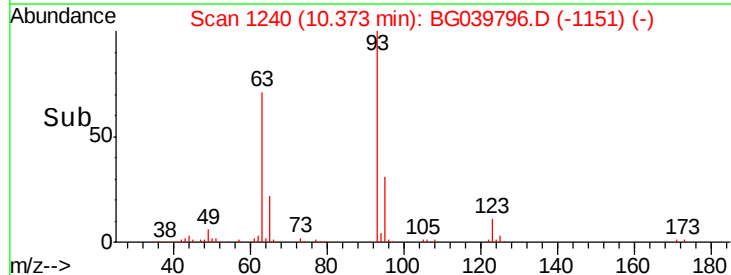
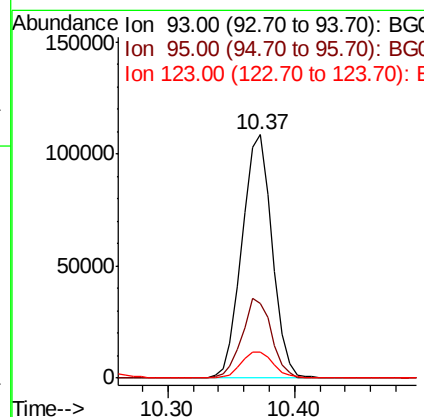
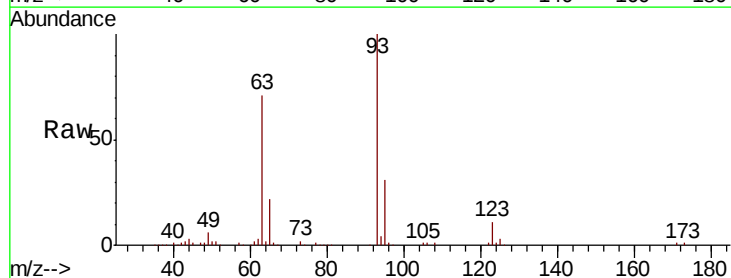
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

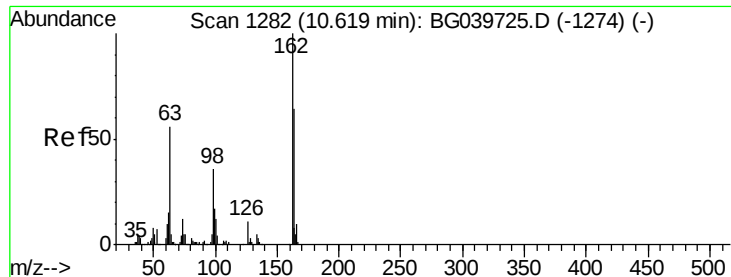
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.7	137.5
121	60.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.858 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.0	37.4
123	10.6	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 40.029 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

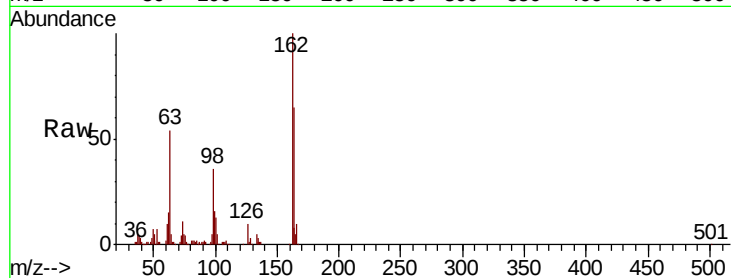
Tgt Ion:162 Resp: 147344

Ion Ratio Lower Upper

162 100

164 65.2 48.1 88.1

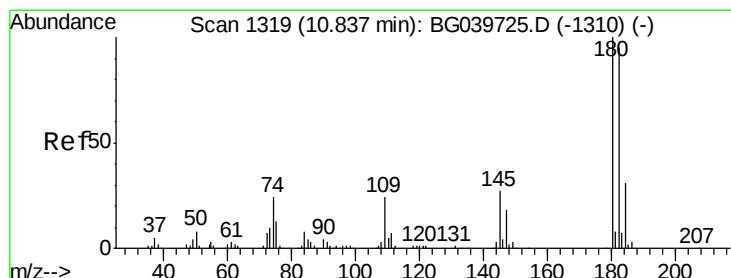
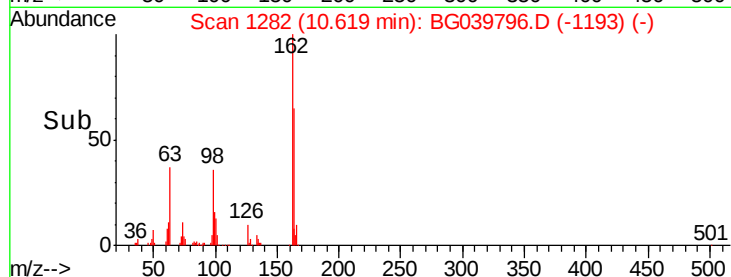
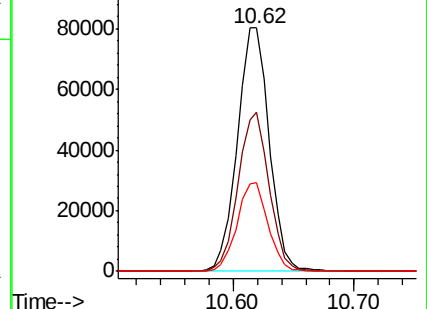
98 36.4 18.1 58.1



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: 33.978 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

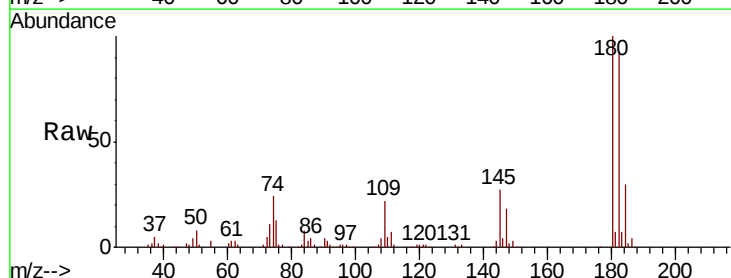
Tgt Ion:180 Resp: 140737

Ion Ratio Lower Upper

180 100

182 91.9 76.0 114.0

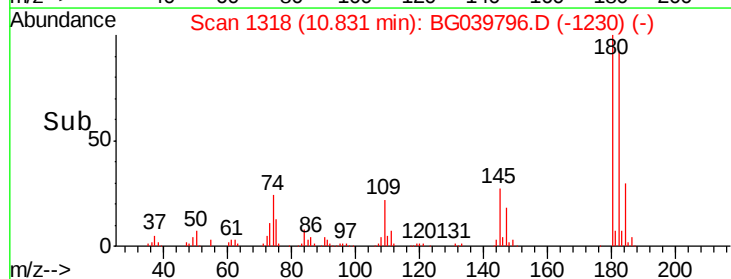
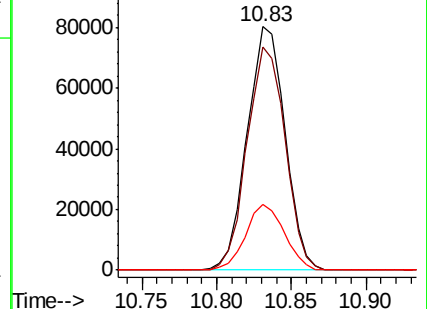
145 27.2 22.7 34.1

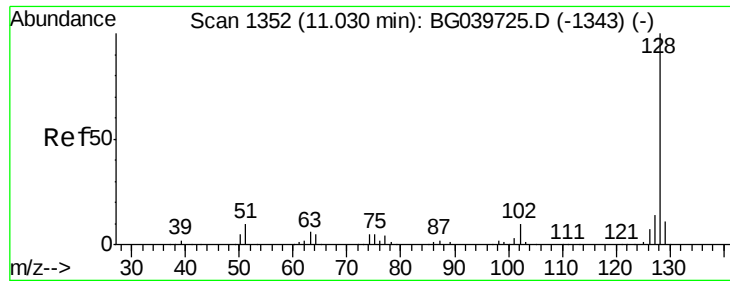


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

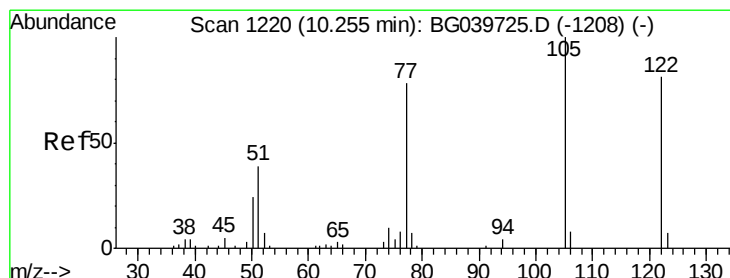
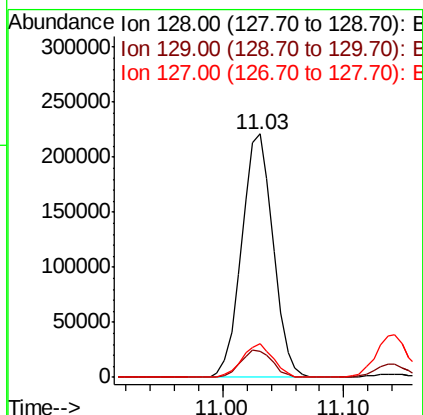
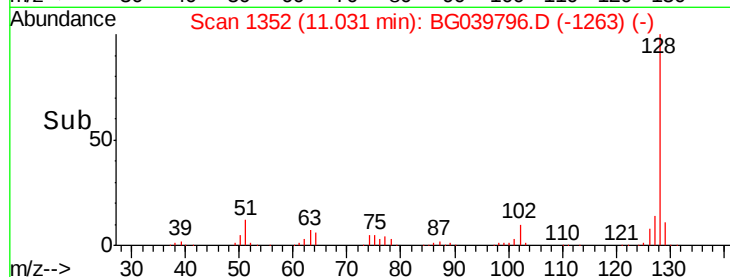
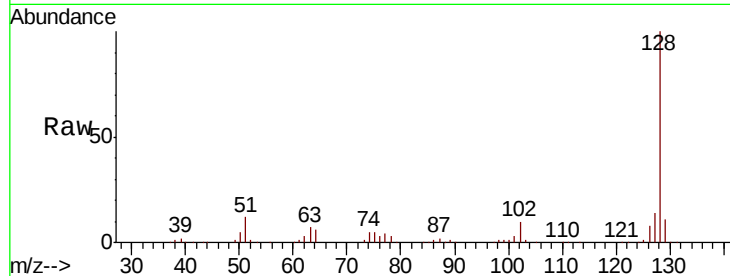




#31
Naphthalene
Concen: 33.803 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

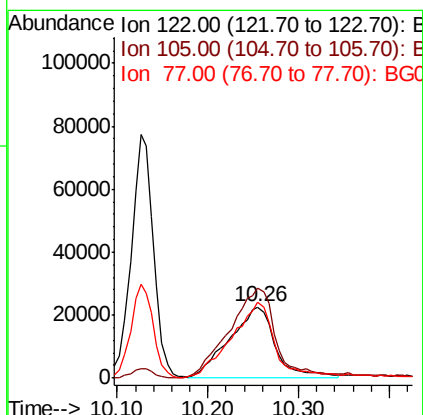
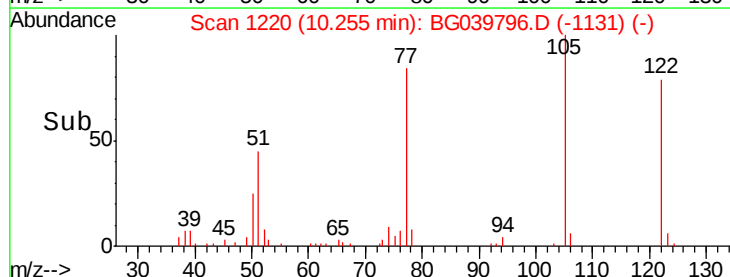
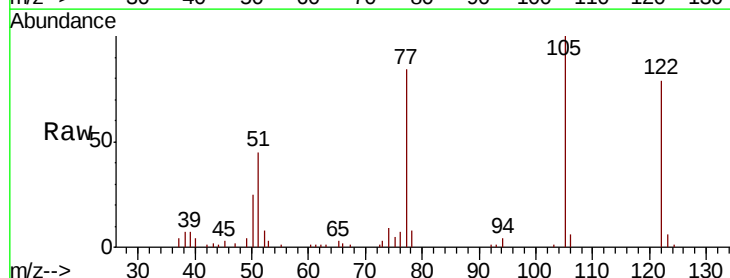
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion:128 Resp: 401723
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 36.263 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:122 Resp: 77204
Ion Ratio Lower Upper
122 100
105 126.3 101.8 141.8
77 106.4 76.3 116.3

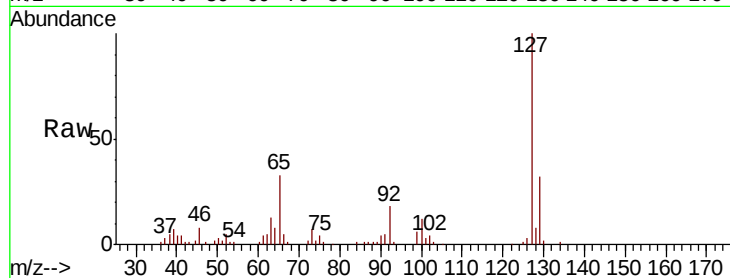




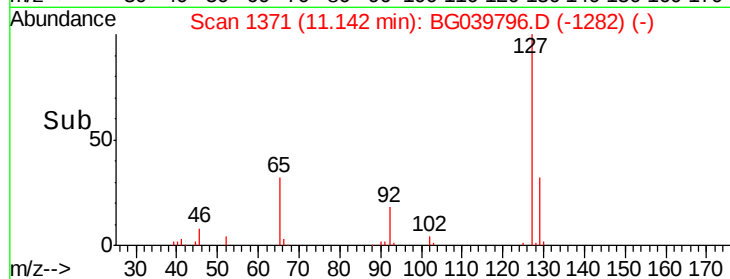
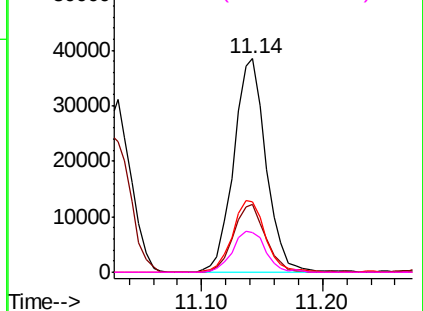
#33
4-Chloroaniline
Concen: 14.266 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Instrument :
BNA_G
ClientSampled :
DR-FCMSD

Tgt Ion:	127	Resp:	71890
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.0	40.4
65	33.2	28.8	43.2
92	18.5	16.6	25.0

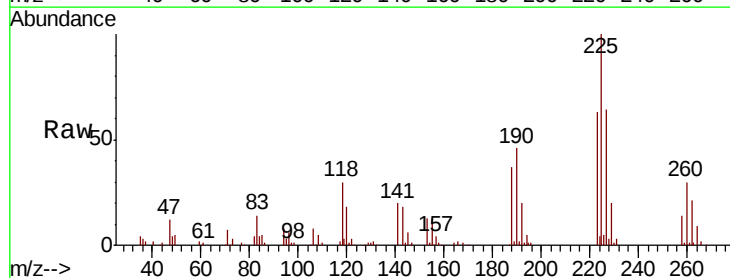


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

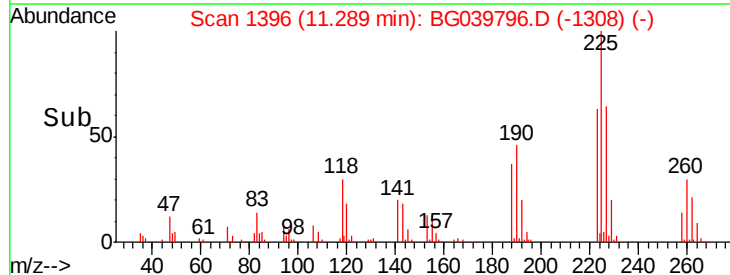
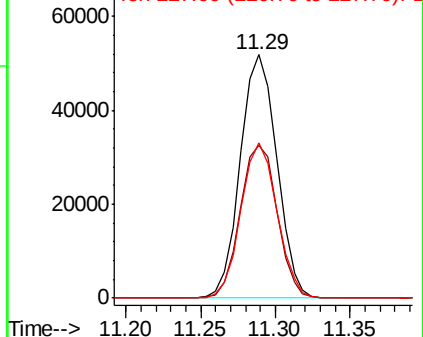


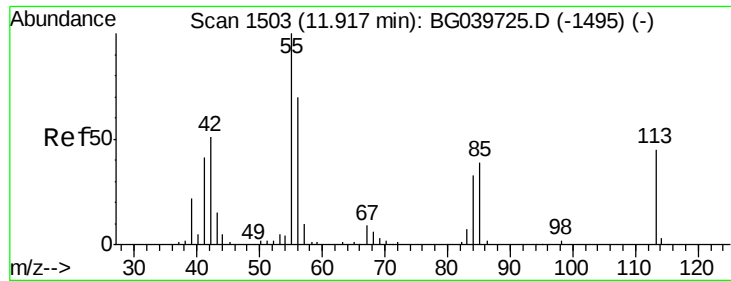
#34
Hexachlorobutadiene
Concen: 31.078 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:	225	Resp:	87964
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	63.8	46.3	69.5



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





#35

Caprolactam

Concen: 22.787 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

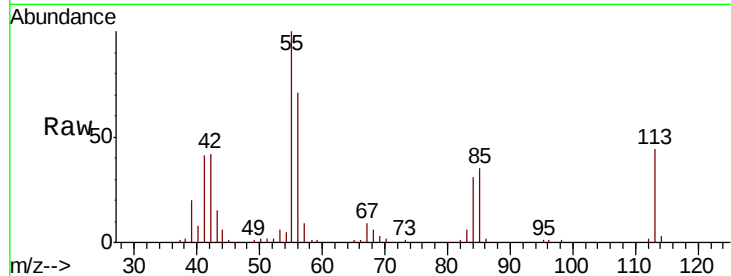
Tgt Ion:113 Resp: 32041

Ion Ratio Lower Upper

113 100

55 224.8 216.9 256.9

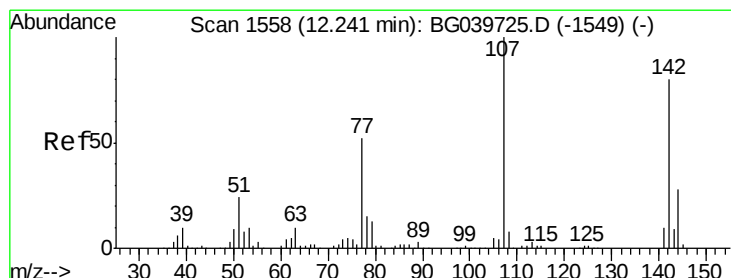
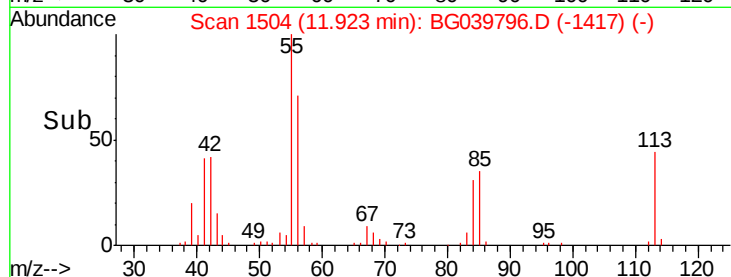
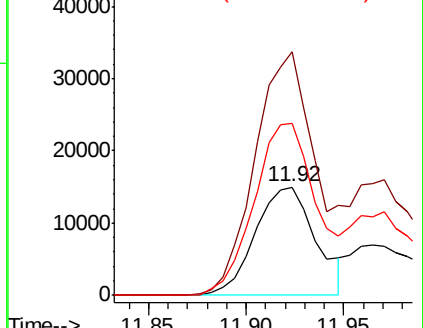
56 158.6 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.403 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

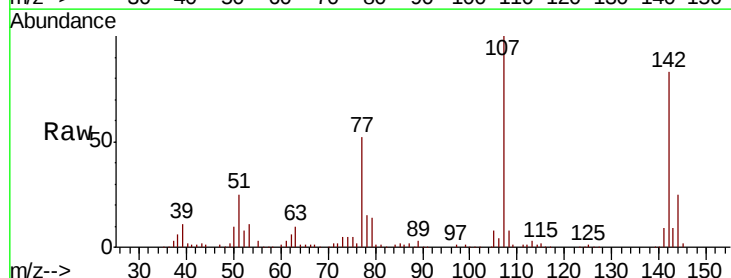
Tgt Ion:107 Resp: 162045

Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.2

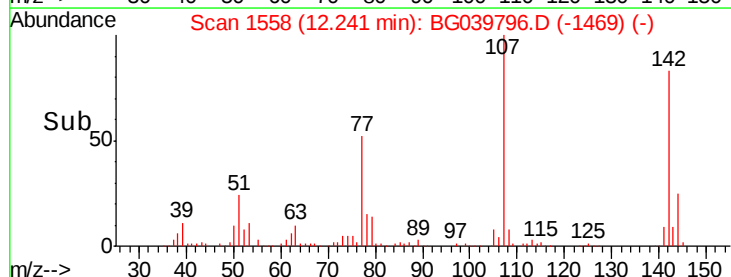
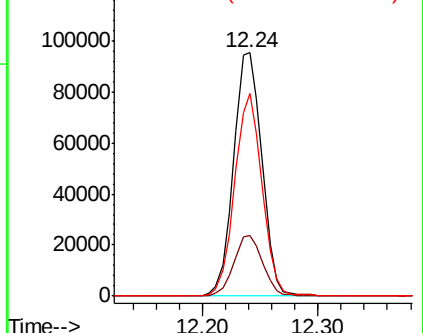
142 83.3 61.4 92.2

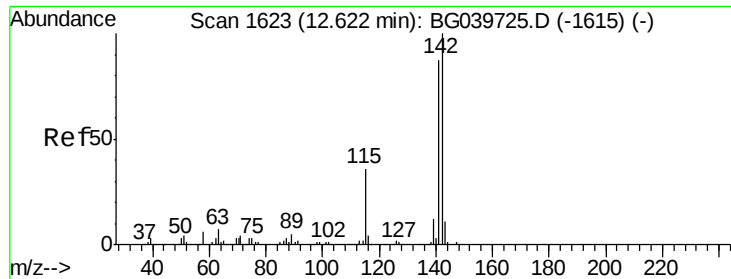


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

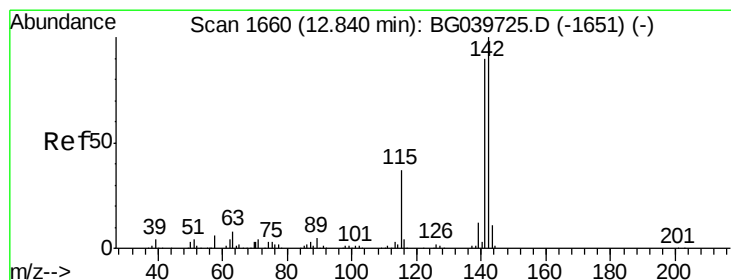
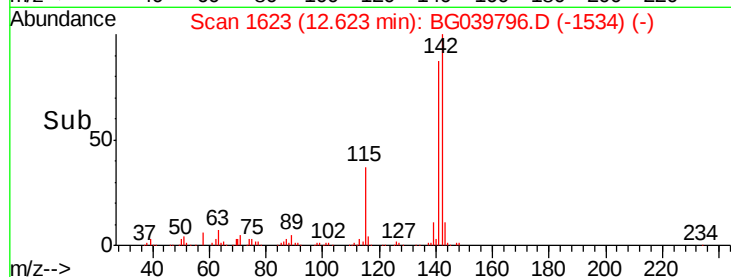
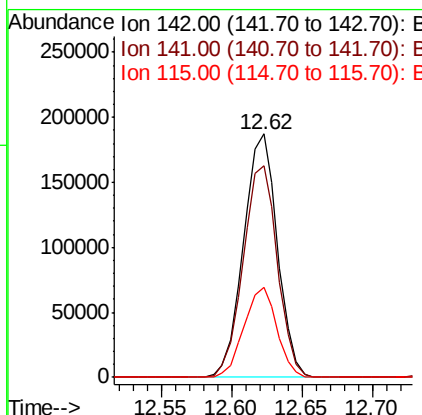
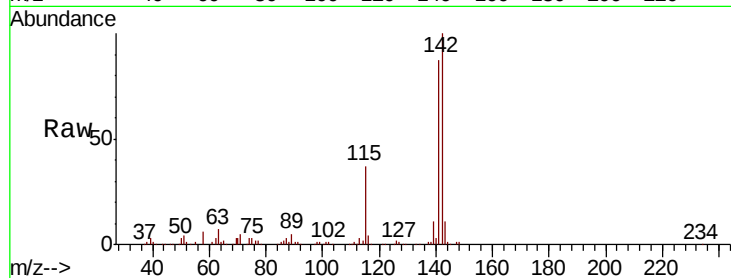




#37
 2-Methylnaphthalene
 Concen: 35.309 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

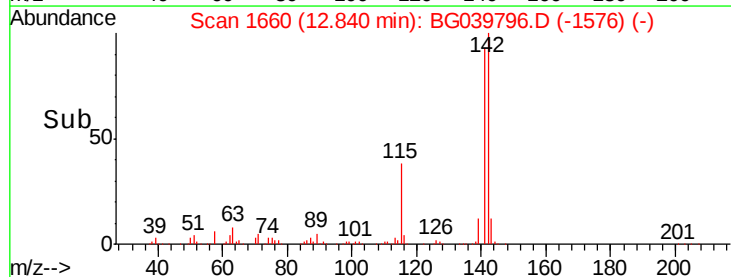
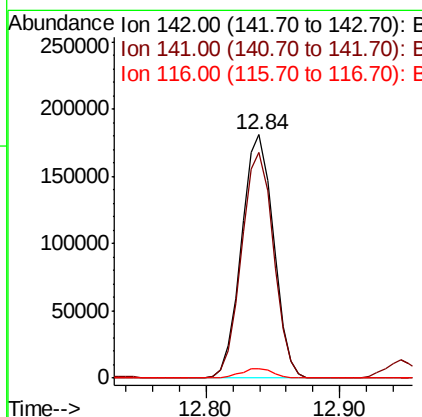
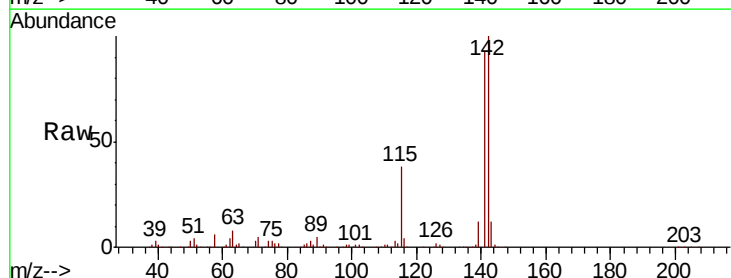
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion:142 Resp: 313720
 Ion Ratio Lower Upper
 142 100
 141 87.1 73.5 110.3
 115 36.9 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 34.672 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:142 Resp: 299374
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.2 111.4
 116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

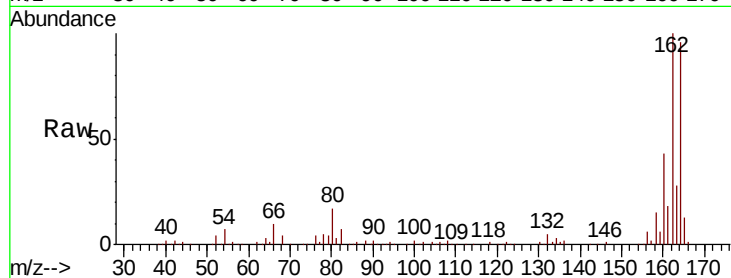
Tgt Ion:164 Resp: 157865

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

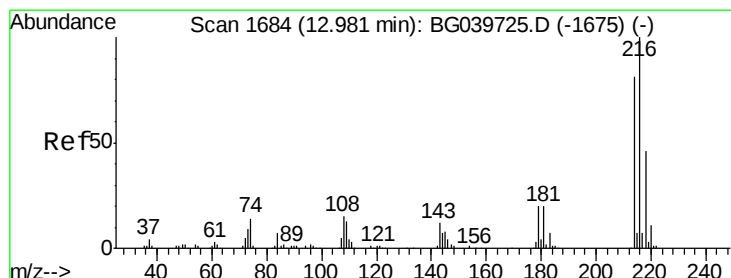
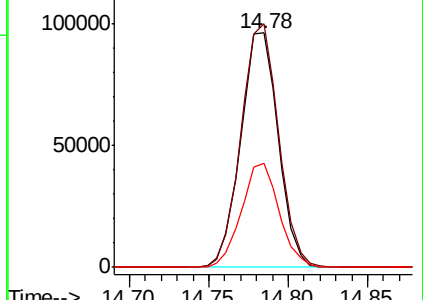
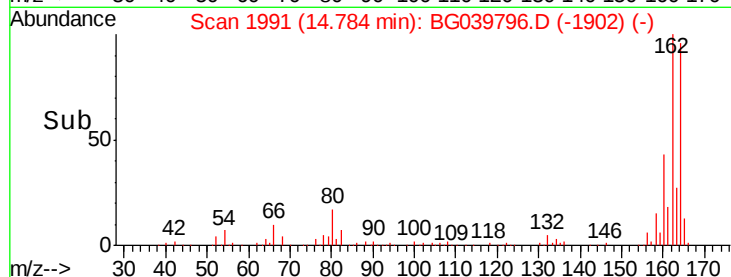
160 44.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.301 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Tgt Ion:216 Resp: 172746

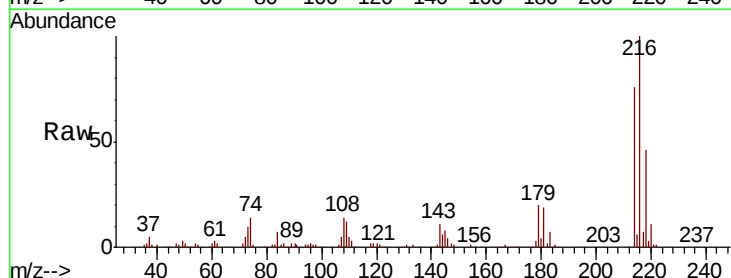
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.5 16.6 25.0

108 17.8 14.0 21.0

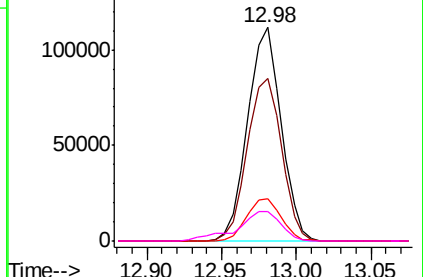
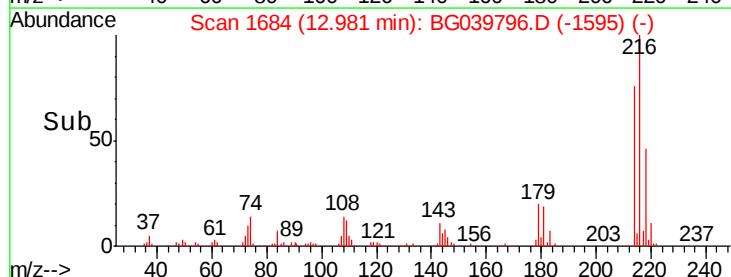


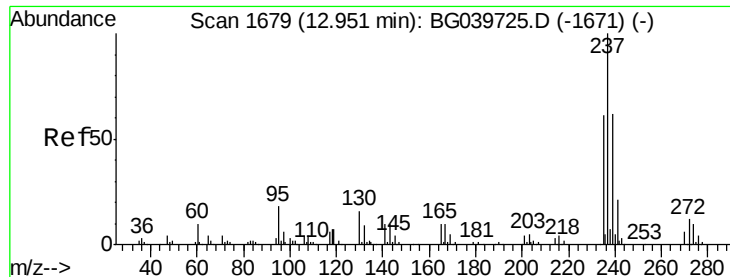
Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.845 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

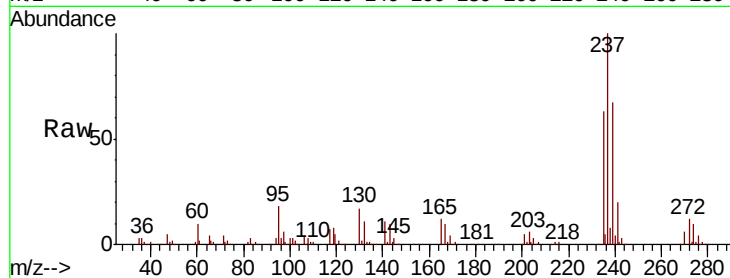
Tgt Ion:237 Resp: 188714

Ion Ratio Lower Upper

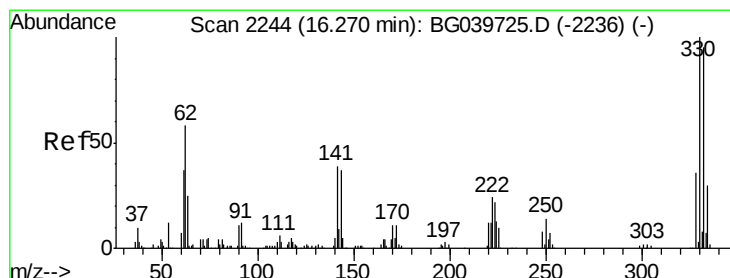
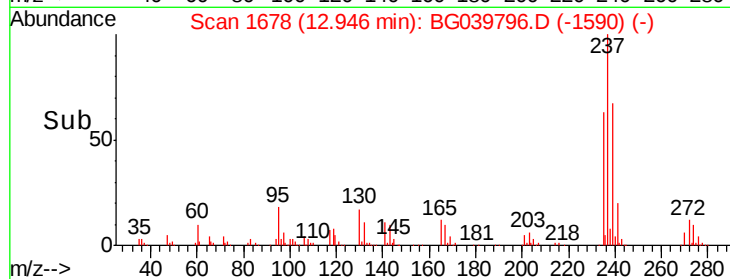
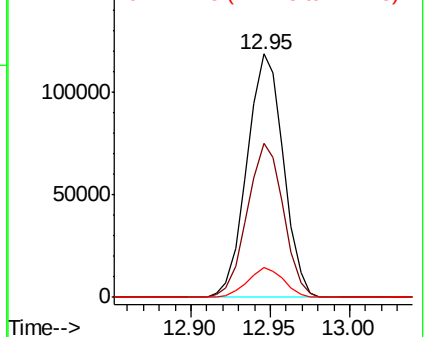
237 100

235 63.5 43.3 83.3

272 12.1 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: 116.313 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

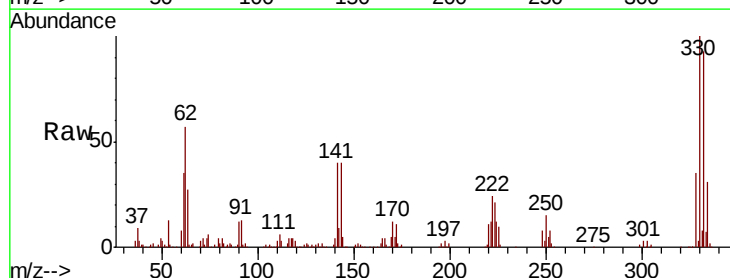
Tgt Ion:330 Resp: 214019

Ion Ratio Lower Upper

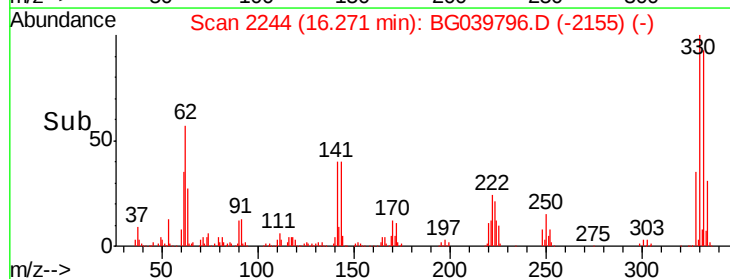
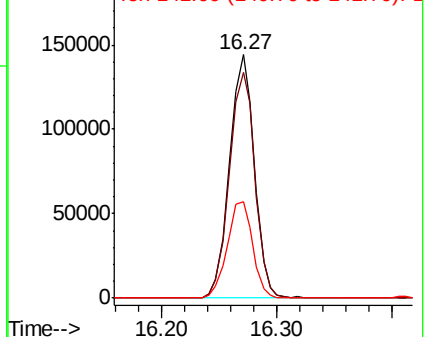
330 100

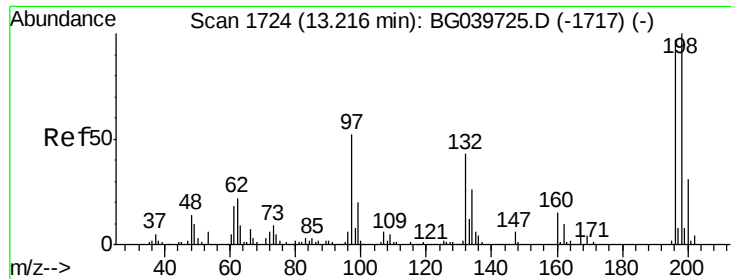
332 95.8 75.7 113.5

141 40.8 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

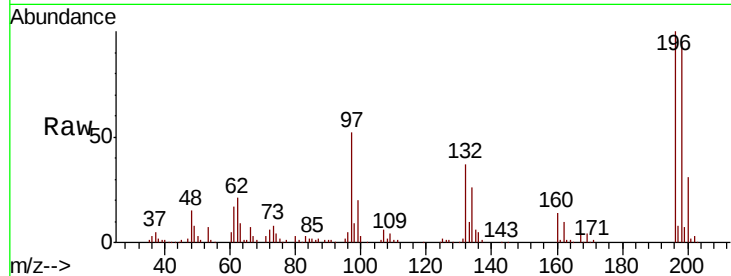




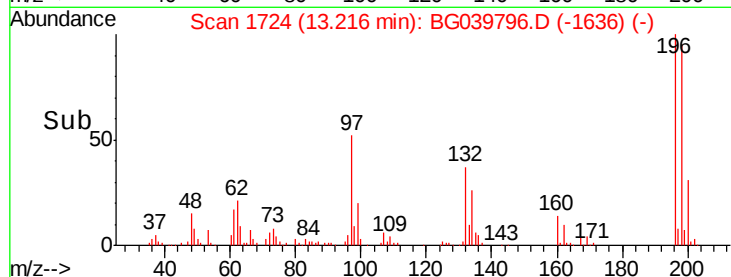
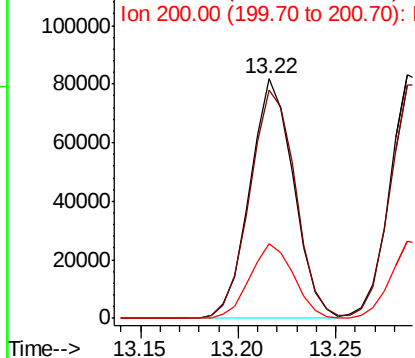
#43
 2,4,6-Trichlorophenol
 Concen: 40.631 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion:196 Resp: 127219
 Ion Ratio Lower Upper
 196 100
 198 95.3 80.6 121.0
 200 31.4 26.1 39.1

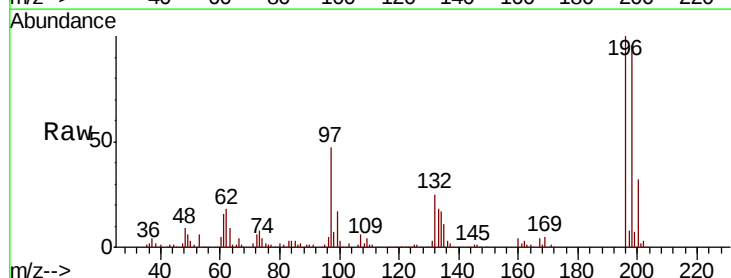


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

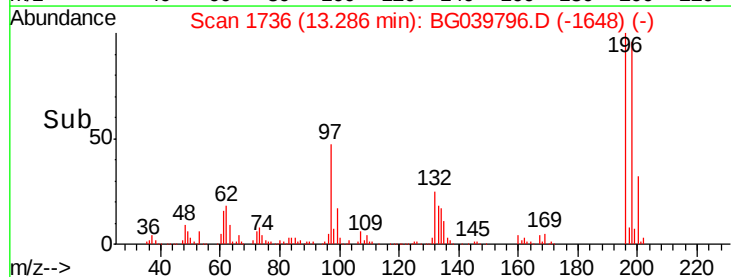
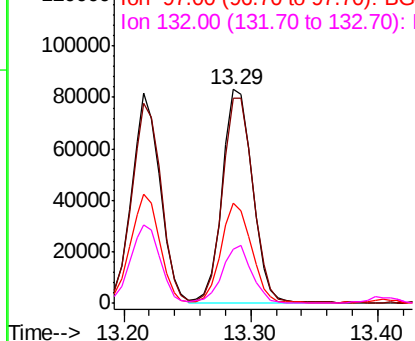


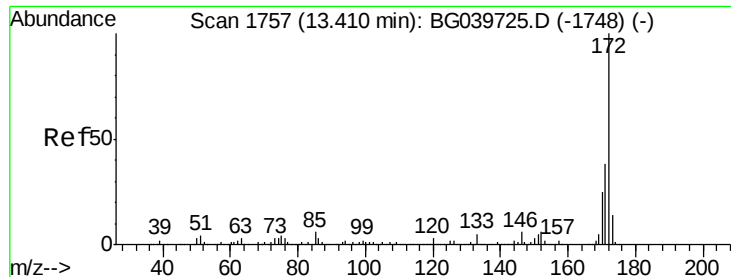
#44
 2,4,5-Trichlorophenol
 Concen: 38.839 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:196 Resp: 137072
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.5 117.7
 97 46.5 38.4 57.6
 132 25.3 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

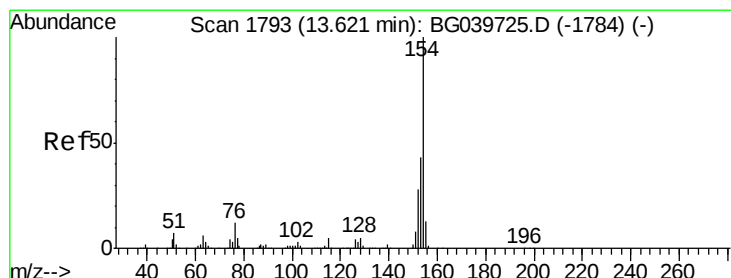
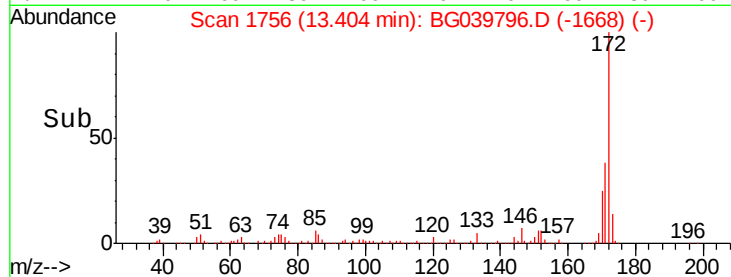
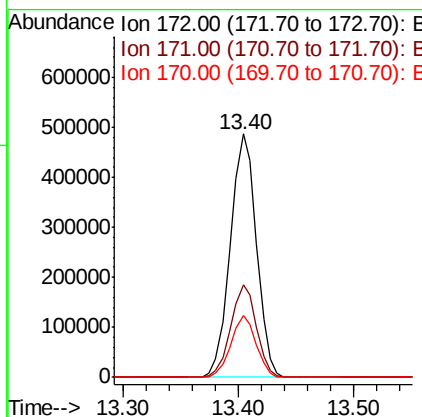
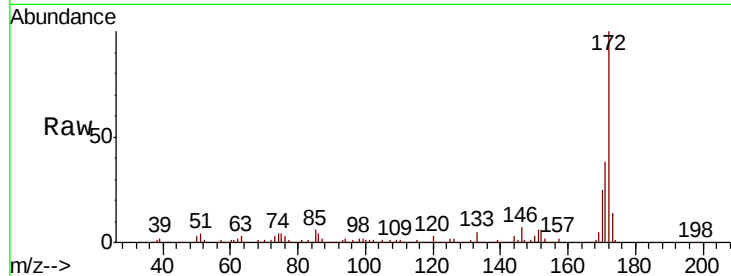




#45
 2-Fluorobiphenyl
 Concen: 68.478 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

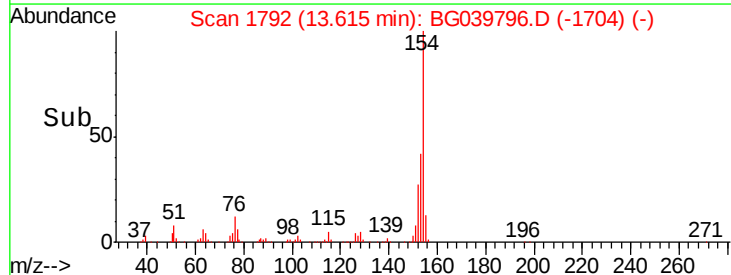
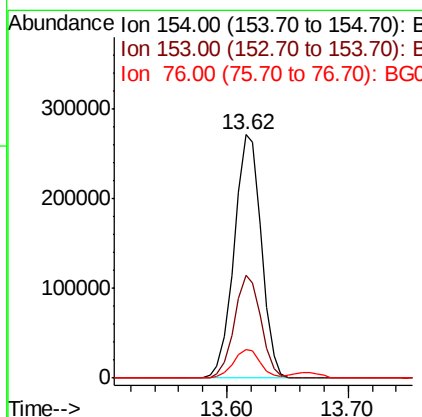
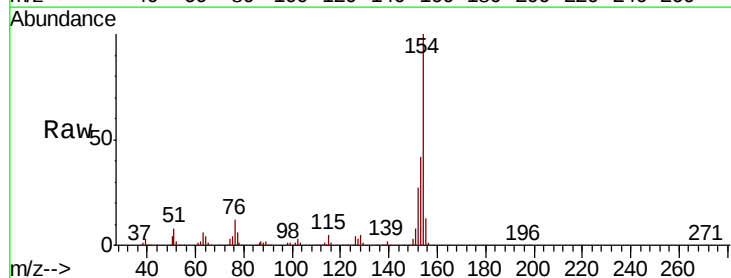
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

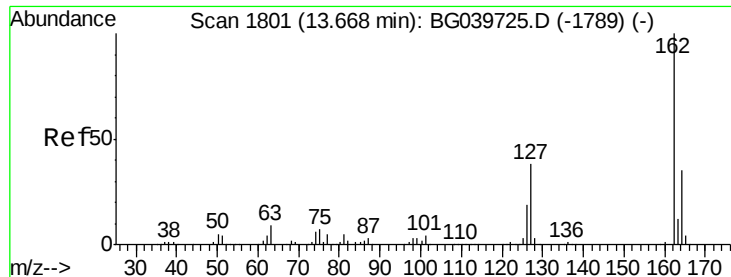
Tgt Ion:172 Resp: 759245
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.5 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 32.569 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:154 Resp: 422876
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 12.0 0.0 32.4

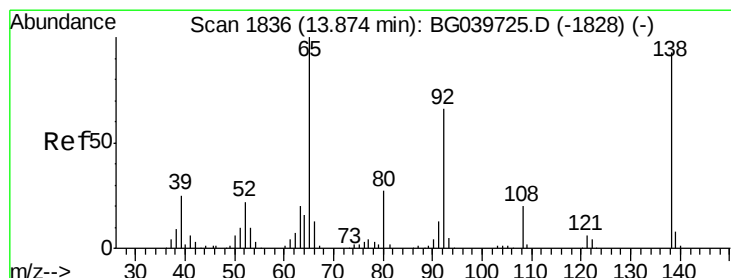
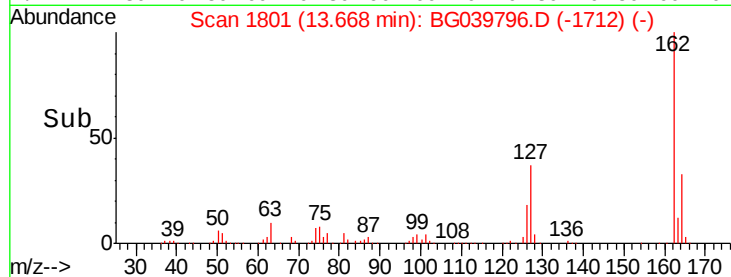
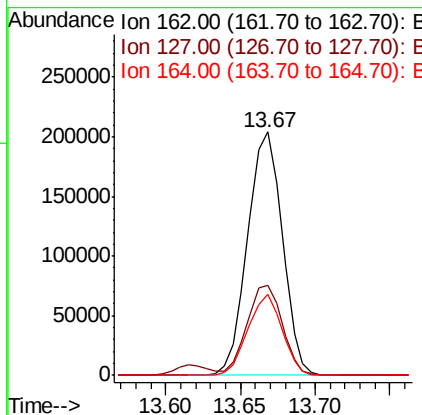
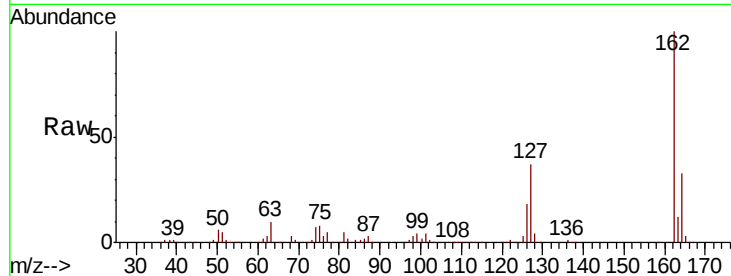




#47
 2-Chloronaphthalene
 Concen: 33.652 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

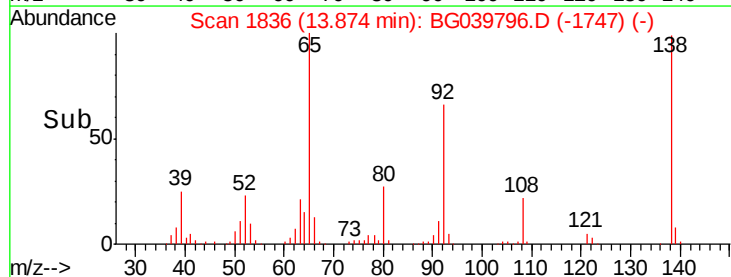
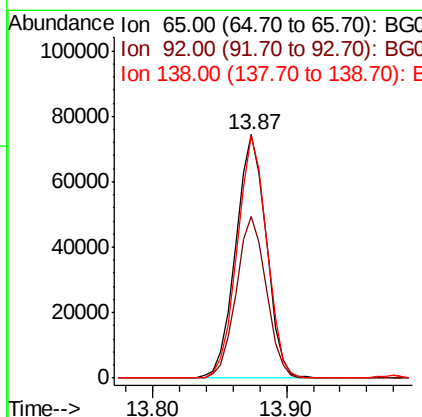
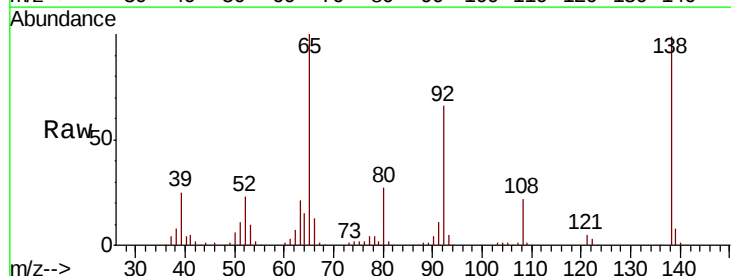
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion: 162 Resp: 328709
 Ion Ratio Lower Upper
 162 100
 127 37.1 31.0 46.6
 164 33.4 25.7 38.5



#48
 2-Nitroaniline
 Concen: 37.502 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion: 65 Resp: 117723
 Ion Ratio Lower Upper
 65 100
 92 66.3 51.4 77.2
 138 99.3 71.4 107.2





#49

Acenaphthylene

Concen: 33.355 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

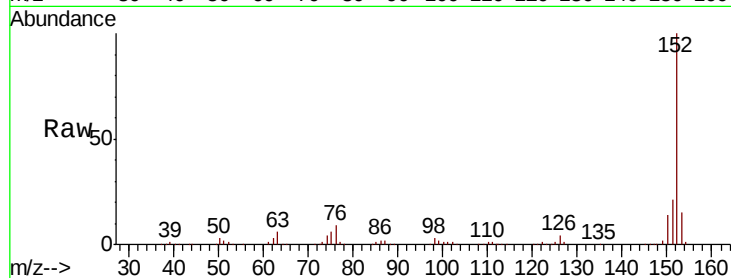
Tgt Ion:152 Resp: 534847

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

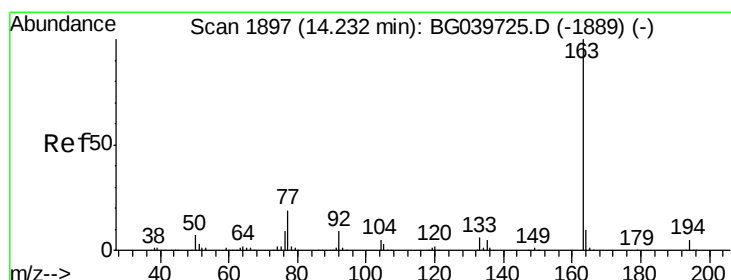
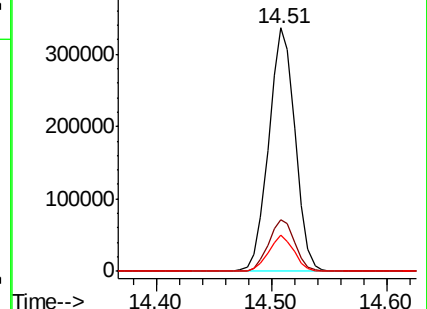
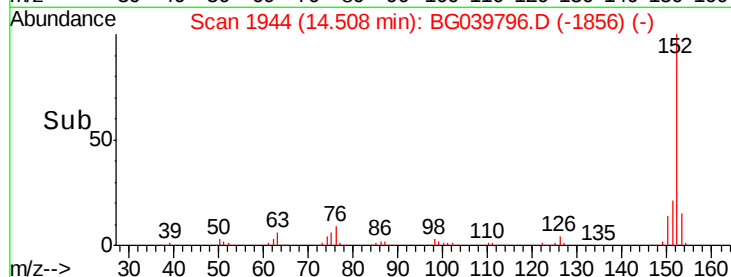
153 14.9 11.7 17.5



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: 37.255 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

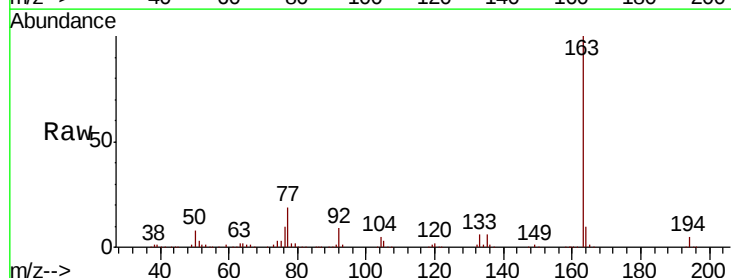
Tgt Ion:163 Resp: 491780

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

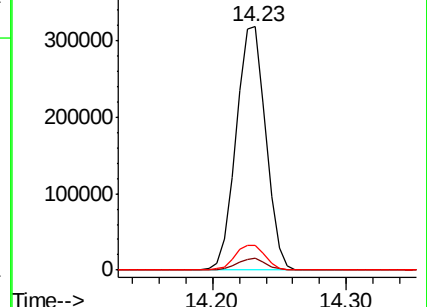
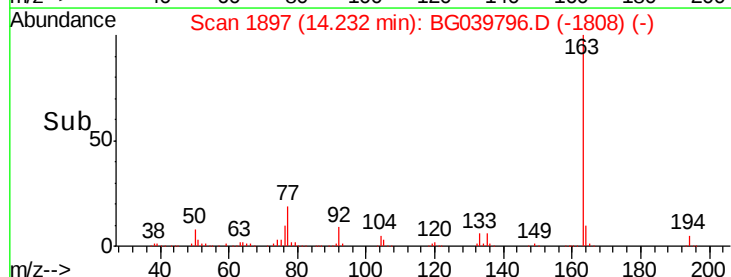
164 10.3 8.4 12.6

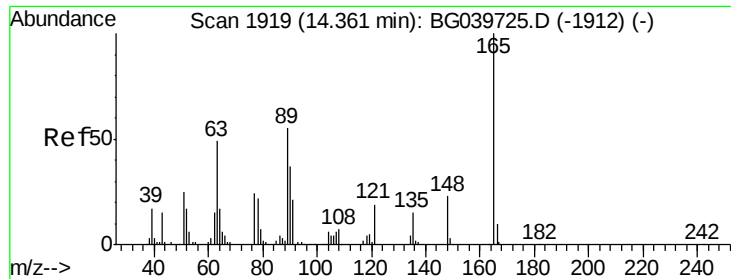


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

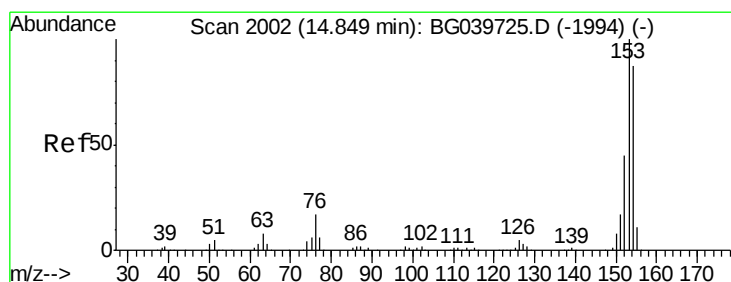
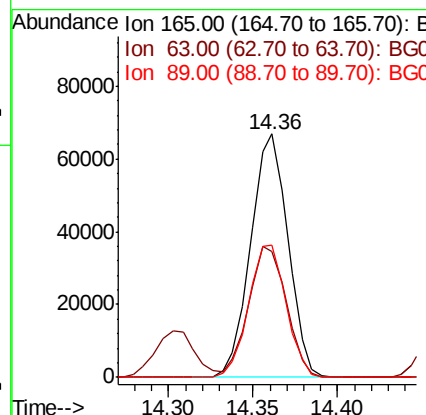
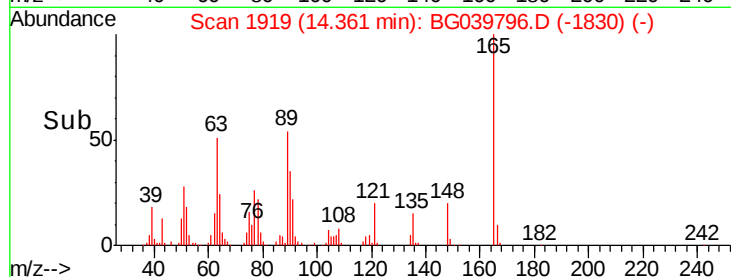
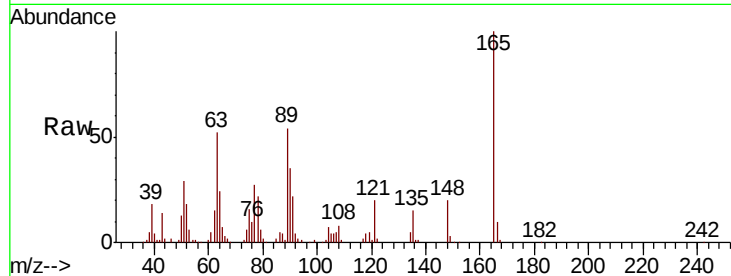




#51
 2,6-Dinitrotoluene
 Concen: 36.771 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

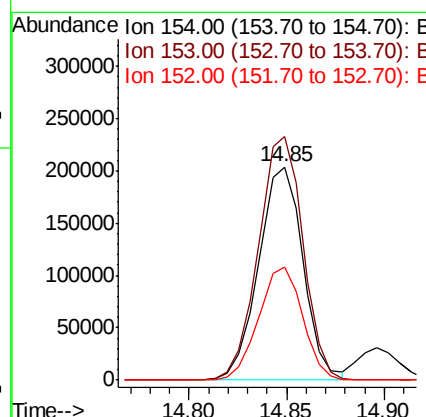
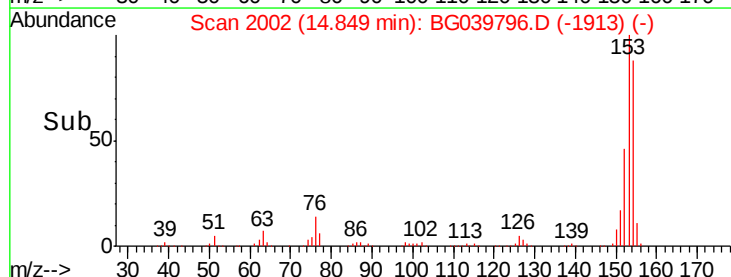
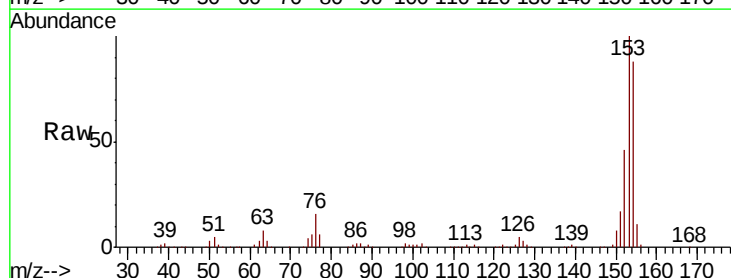
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion:165 Resp: 102902
 Ion Ratio Lower Upper
 165 100
 63 51.8 47.0 70.6
 89 54.3 45.8 68.8



#52
 Acenaphthene
 Concen: 33.378 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:154 Resp: 322133
 Ion Ratio Lower Upper
 154 100
 153 114.1 90.1 135.1
 152 52.9 40.9 61.3

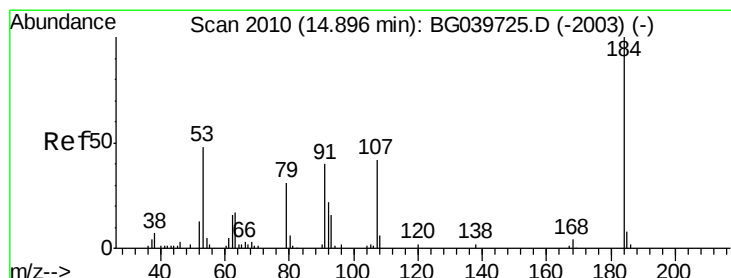
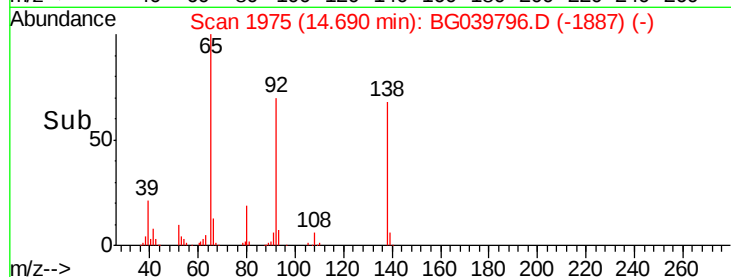
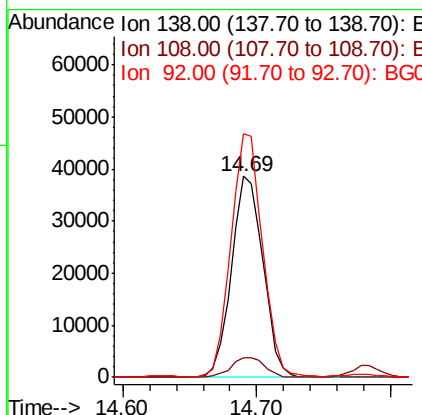
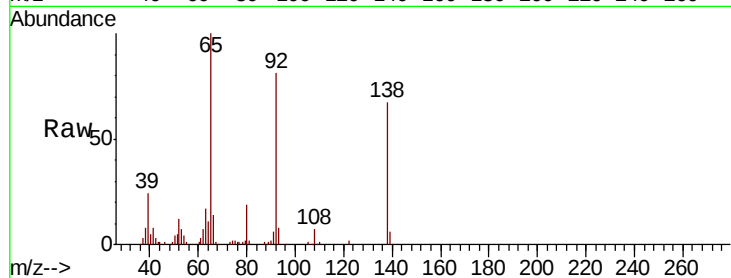




#53
3-Nitroaniline
Concen: 22.501 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

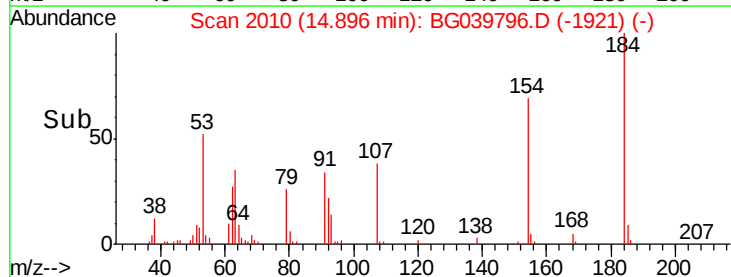
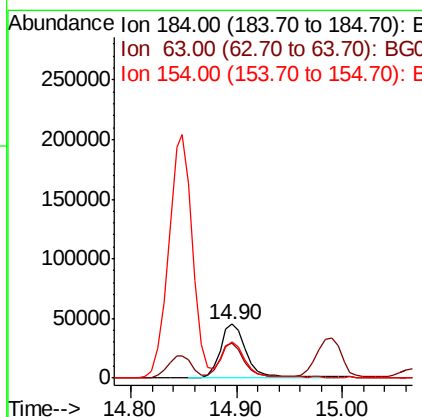
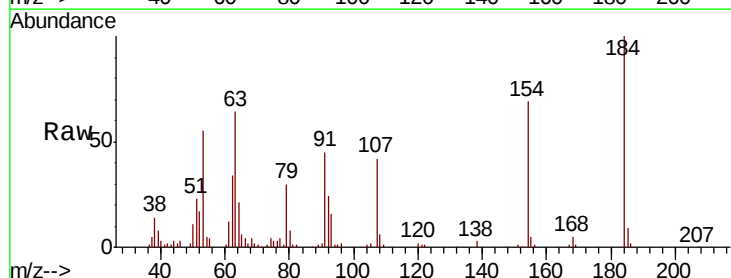
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion:138 Resp: 63296
Ion Ratio Lower Upper
138 100
108 9.7 13.8 20.8#
92 121.2 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 47.694 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:184 Resp: 80161
Ion Ratio Lower Upper
184 100
63 64.5 50.9 76.3
154 68.6 53.0 79.6

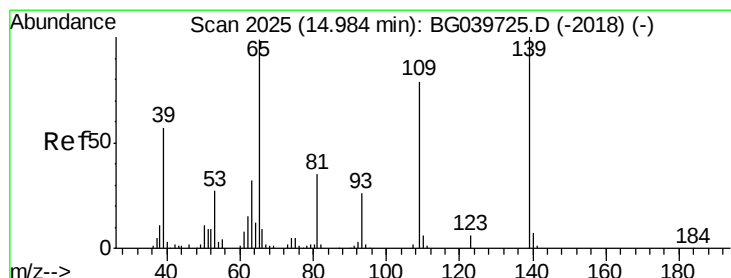
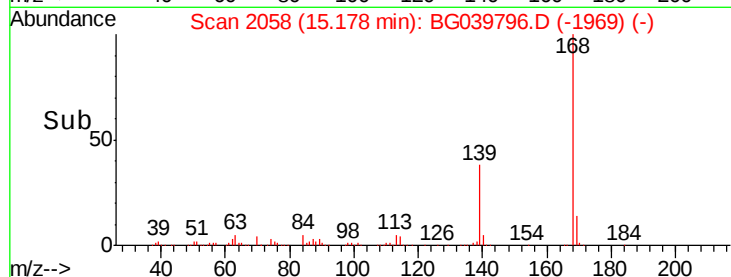
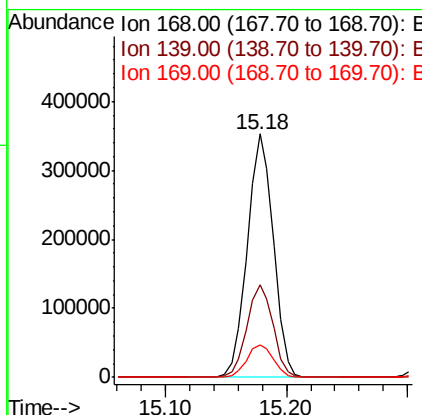
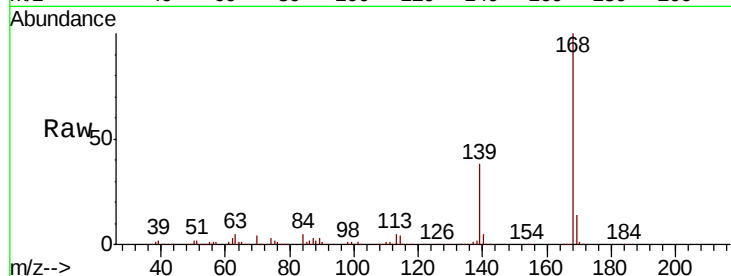




#55
Dibenzofuran
Concen: 33.507 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

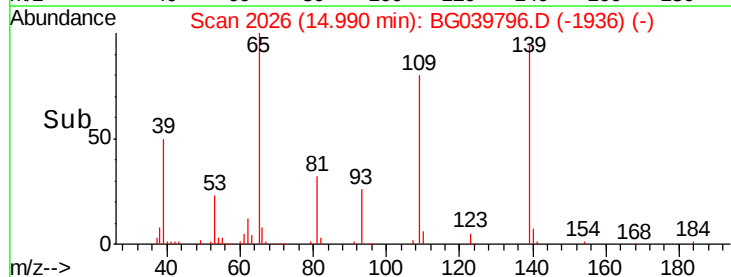
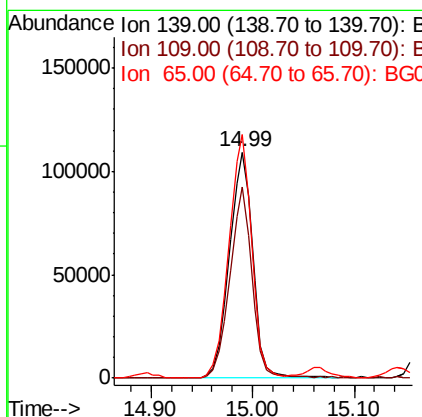
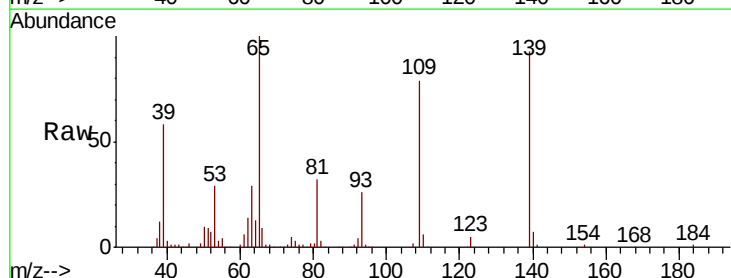
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

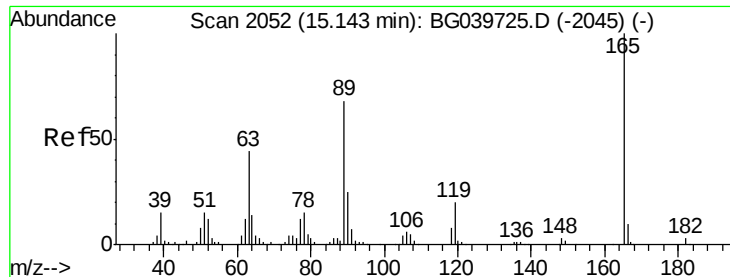
Tgt Ion:168 Resp: 530569
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 69.619 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:139 Resp: 175193
Ion Ratio Lower Upper
139 100
109 84.8 61.9 101.9
65 107.6 99.1 139.1

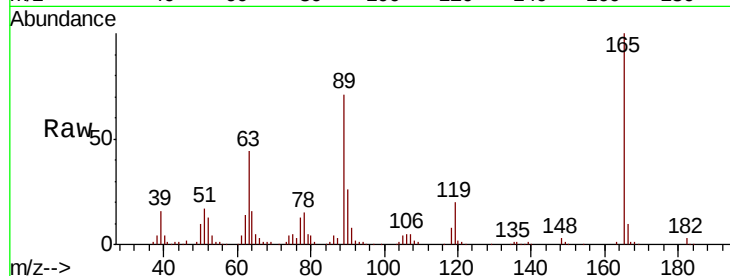




#57
2,4-Dinitrotoluene
Concen: 36.276 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	41.0	61.6
89	70.6	64.6	96.8
182	2.7	2.0	3.0



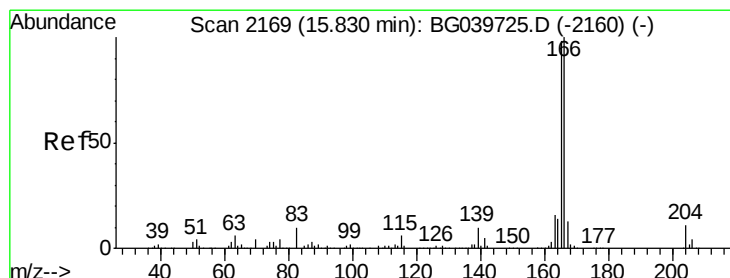
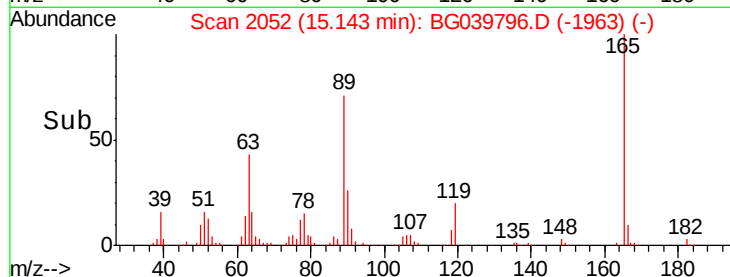
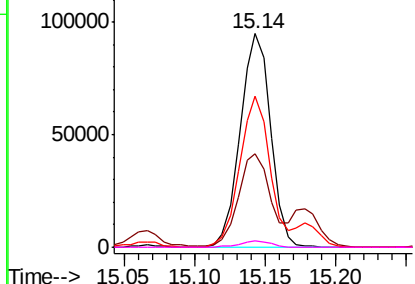
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

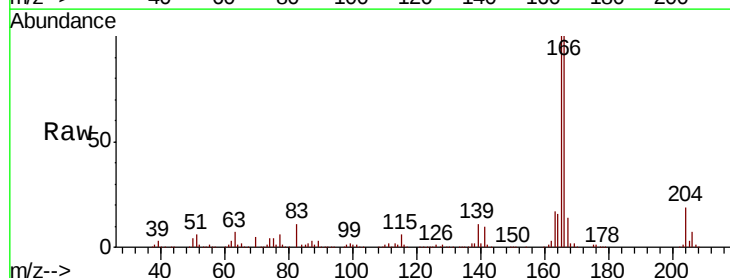
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 33.816 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.9	116.9
167	14.5	10.8	16.2

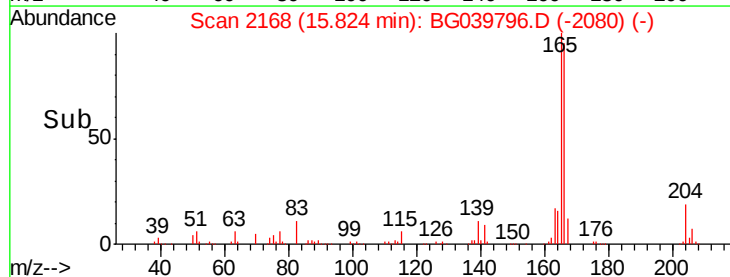
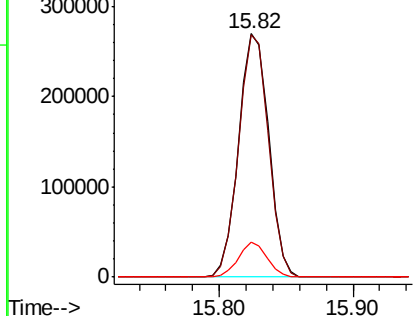


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

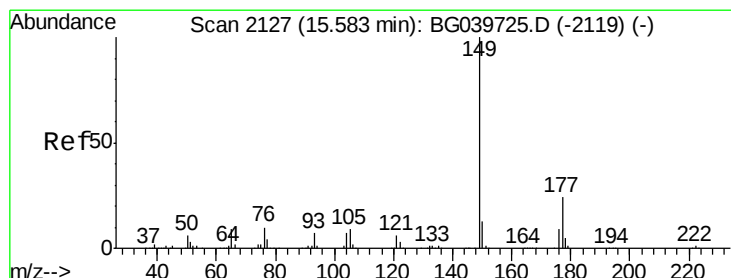
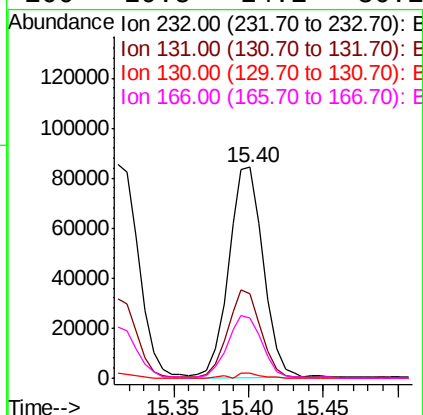
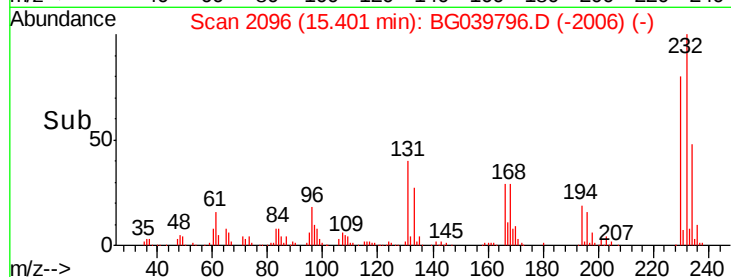
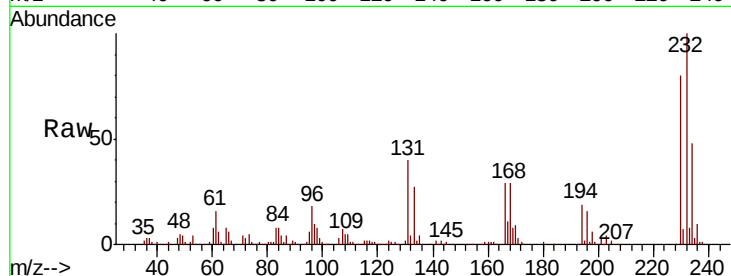




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.108 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

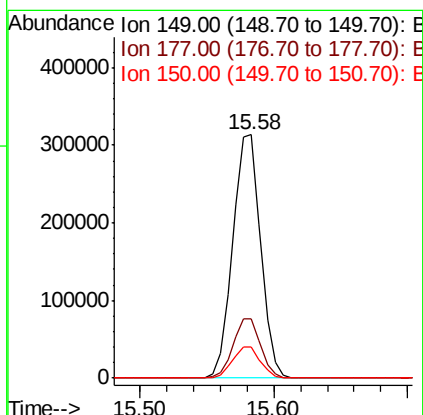
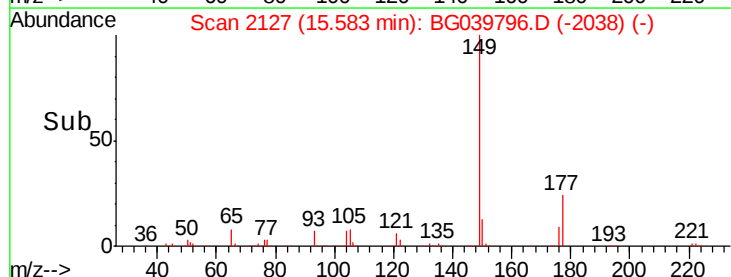
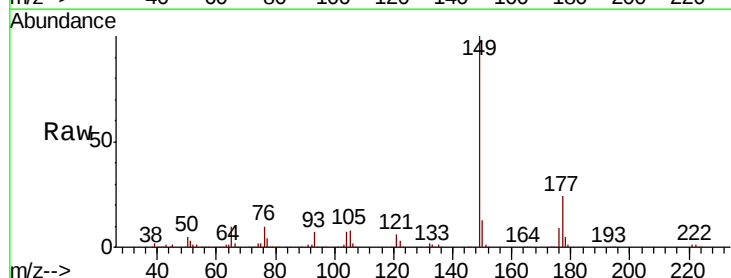
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

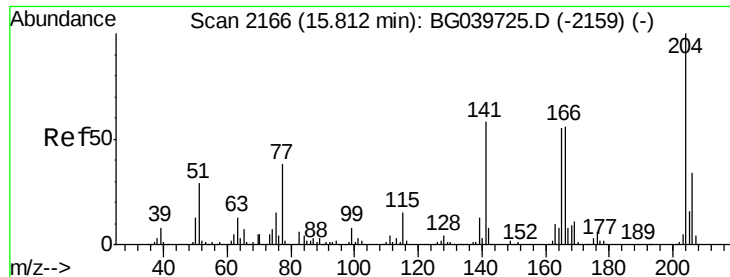
Tgt Ion:232 Resp: 134795
 Ion Ratio Lower Upper
 232 100
 131 41.4 34.9 52.3
 130 2.0 2.0 3.0
 166 29.8 24.1 36.1



#60
 Diethylphthalate
 Concen: 34.900 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:149 Resp: 456055
 Ion Ratio Lower Upper
 149 100
 177 24.3 18.3 27.5
 150 13.0 10.2 15.2

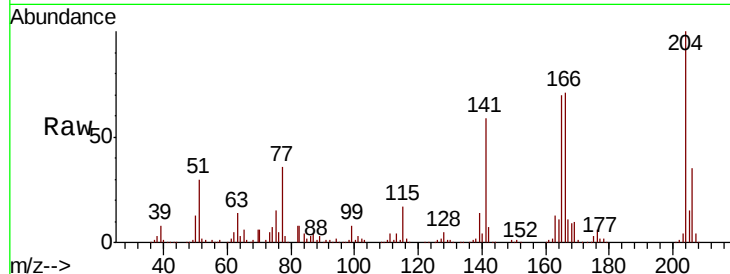




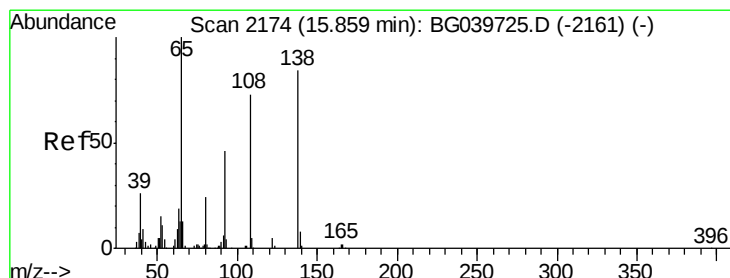
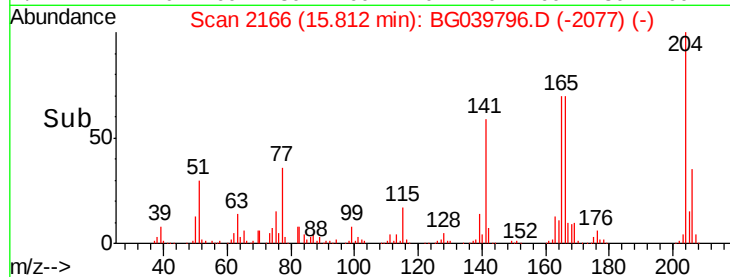
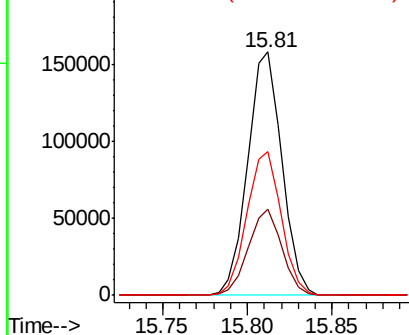
#61
 4-Chlorophenyl-phenylether
 Concen: 33.493 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion: 204 Resp: 222480
 Ion Ratio Lower Upper
 204 100
 206 35.3 29.2 43.8
 141 59.2 49.0 73.4

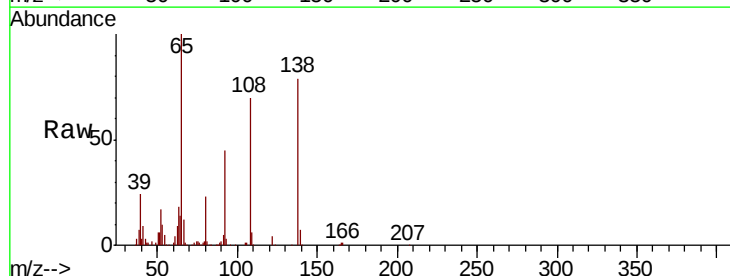


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

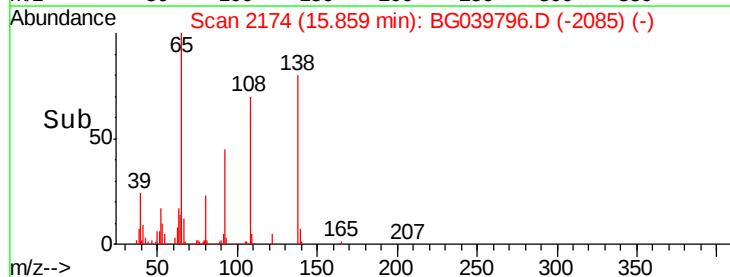
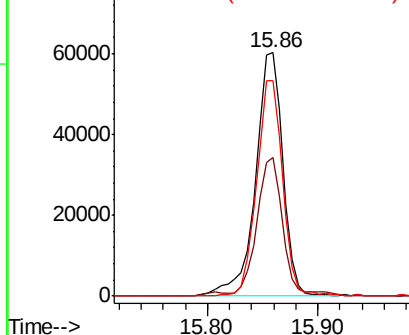


#62
 4-Nitroaniline
 Concen: 34.414 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion: 138 Resp: 104950
 Ion Ratio Lower Upper
 138 100
 92 56.7 38.7 78.7
 108 88.5 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: 34.060 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

Tgt Ion: 77 Resp: 403458

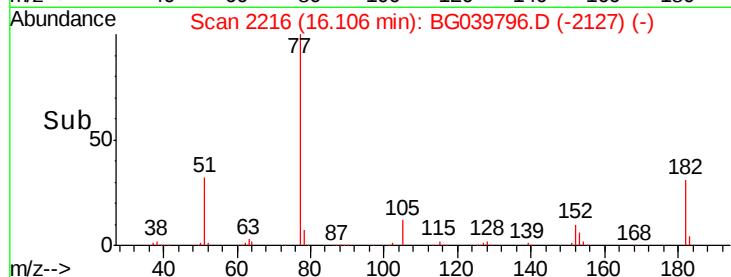
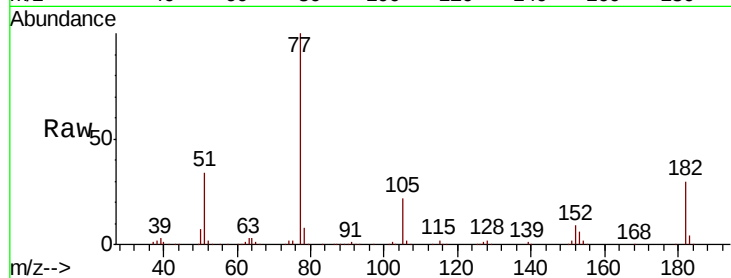
Ion Ratio Lower Upper

77 100

182 29.8 6.4 46.4

105 21.5 0.0 39.8

51 33.9 14.1 54.1

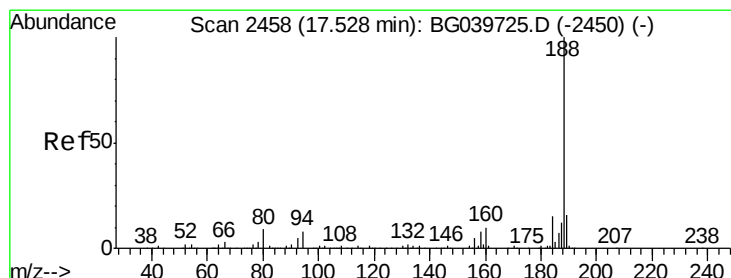
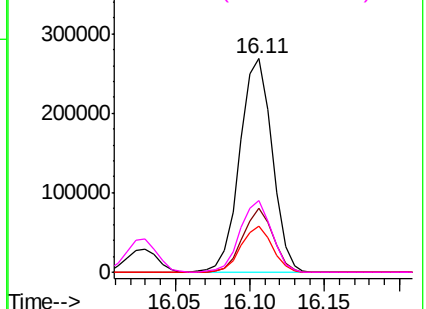


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

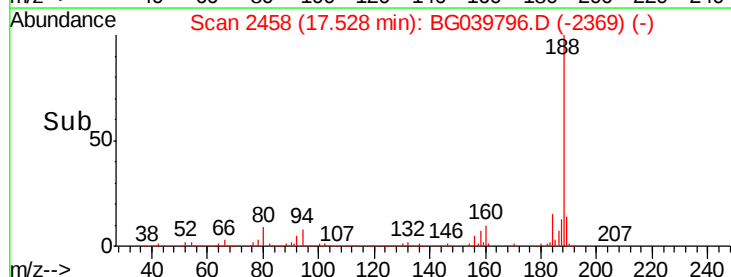
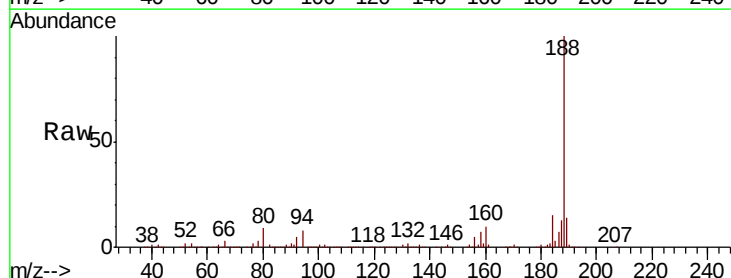
Tgt Ion: 188 Resp: 377371

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

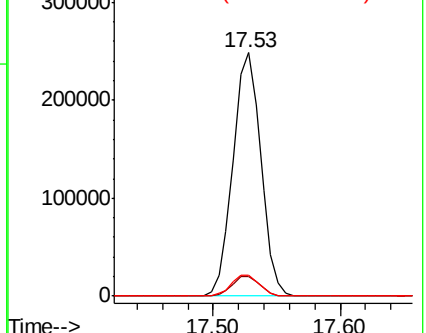
80 8.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

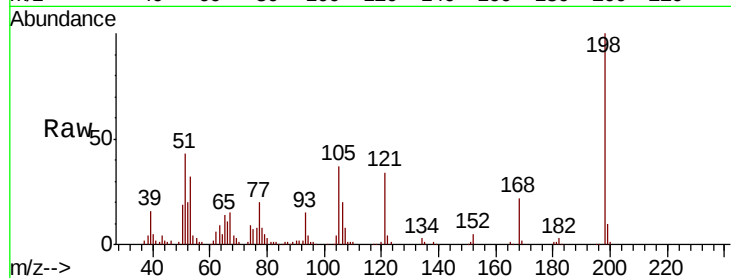




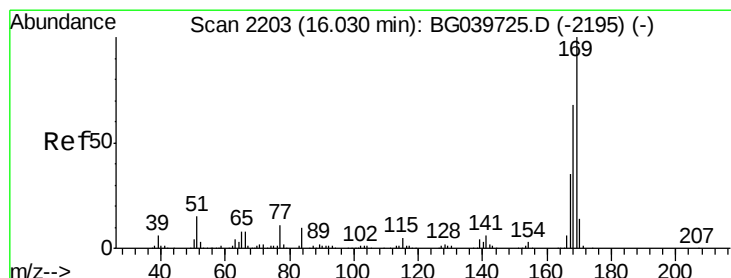
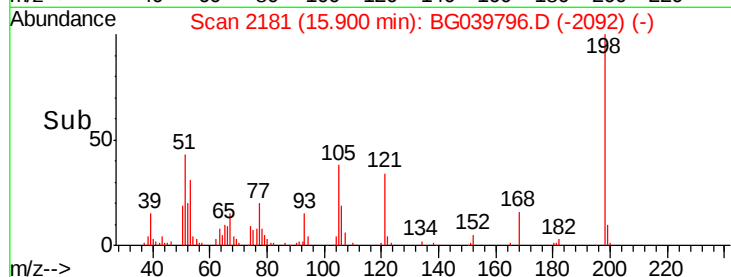
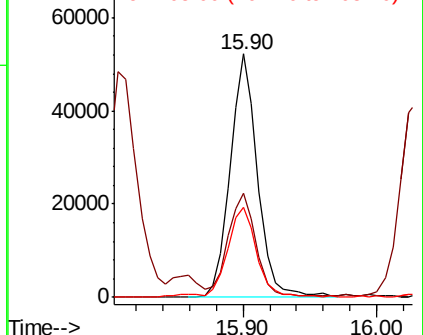
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.541 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

Tgt Ion:198 Resp: 74838
 Ion Ratio Lower Upper
 198 100
 51 42.8 27.4 67.4
 105 37.1 19.7 59.7

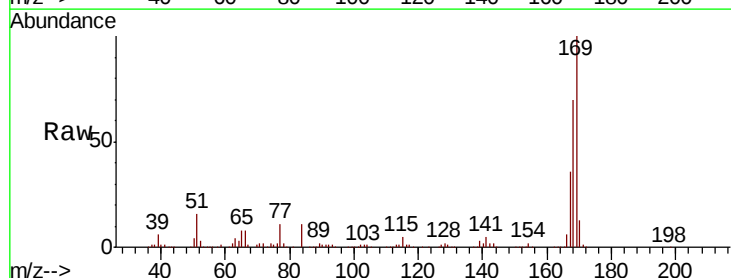


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

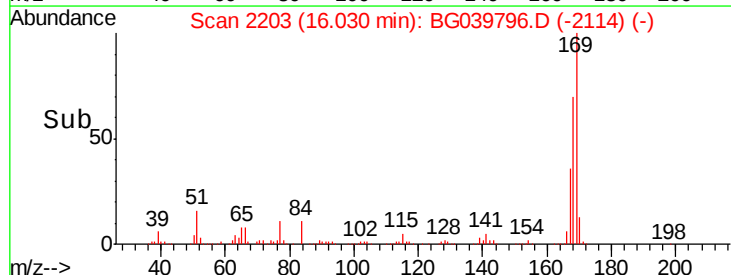
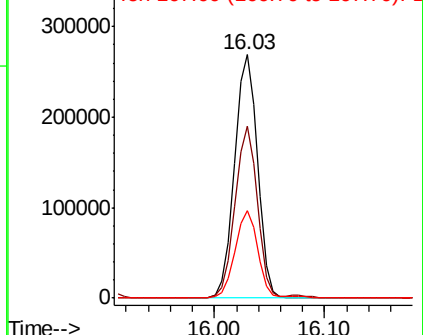


#66
 n-Nitrosodiphenylamine
 Concen: 36.022 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:169 Resp: 393542
 Ion Ratio Lower Upper
 169 100
 168 70.4 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: 34.480 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

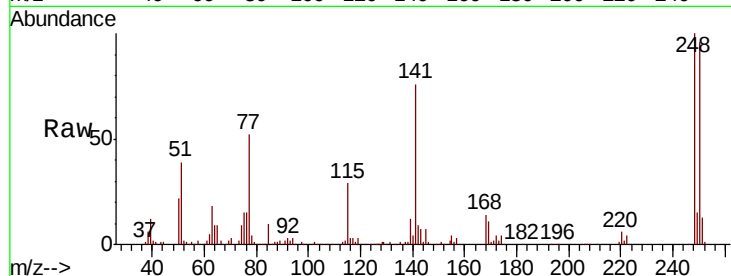
Tgt Ion:248 Resp: 145647

Ion Ratio Lower Upper

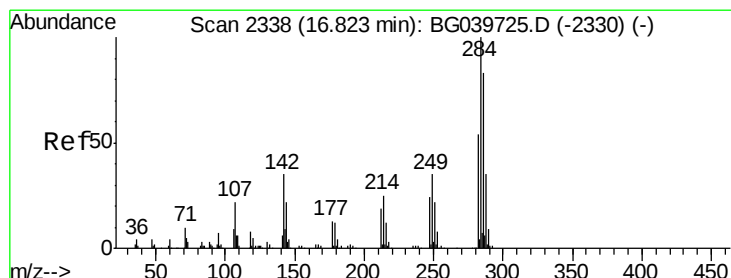
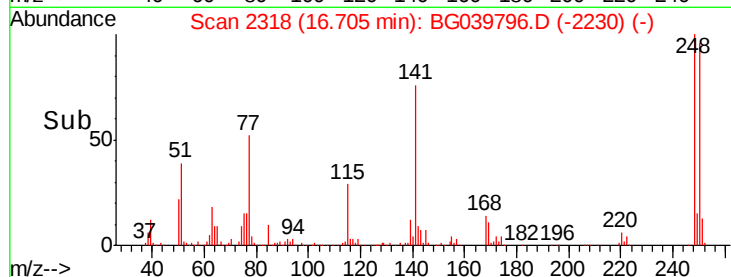
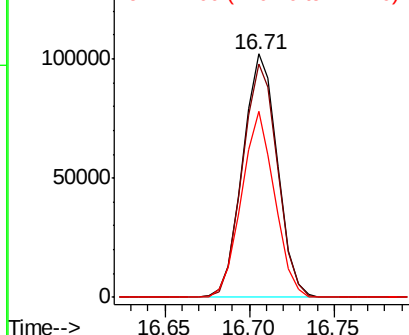
248 100

250 95.7 77.6 116.4

141 76.4 63.9 95.9



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



#68

Hexachlorobenzene

Concen: 34.257 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

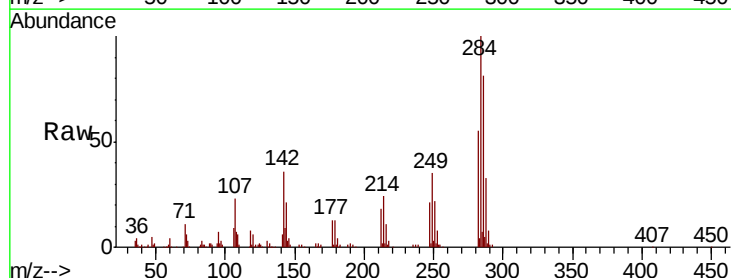
Tgt Ion:284 Resp: 149993

Ion Ratio Lower Upper

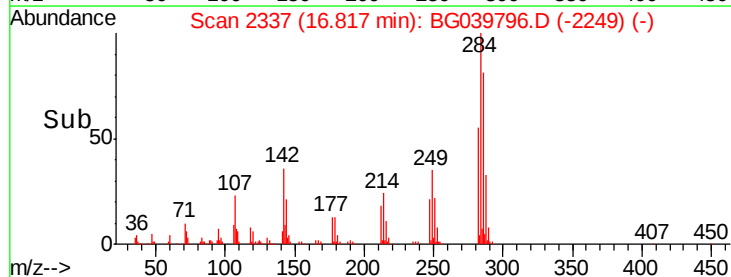
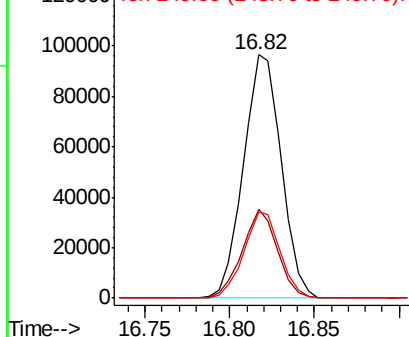
284 100

142 36.4 30.6 45.8

249 35.4 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: 36.188 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

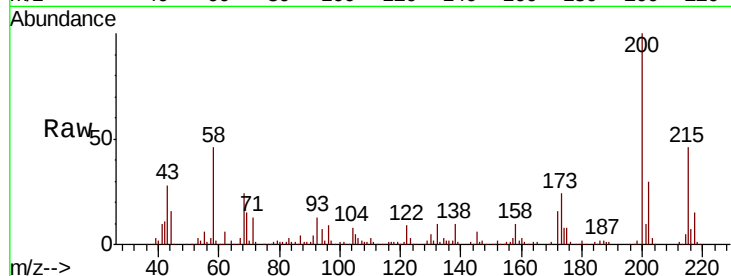
Tgt Ion:200 Resp: 155595

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

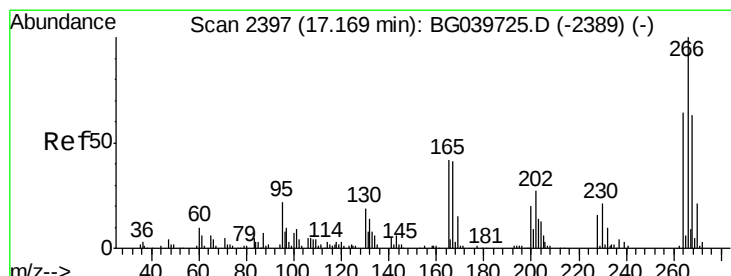
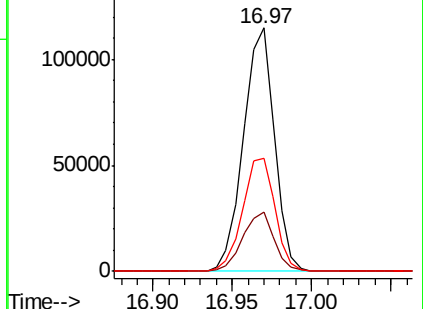
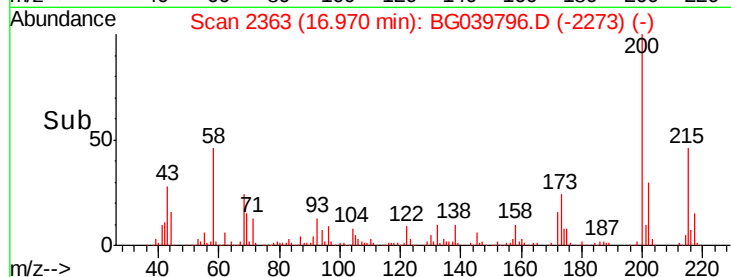
215 46.3 30.9 70.9



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: 67.924 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

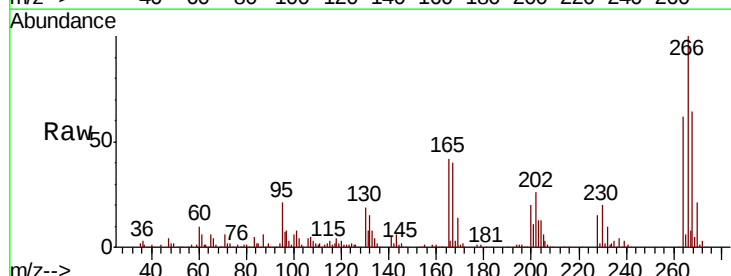
Tgt Ion:266 Resp: 187826

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

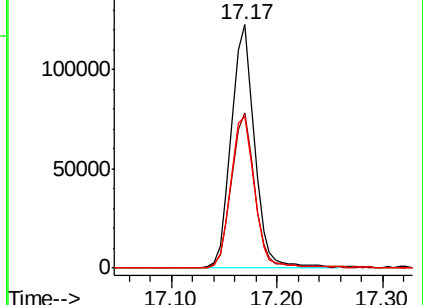
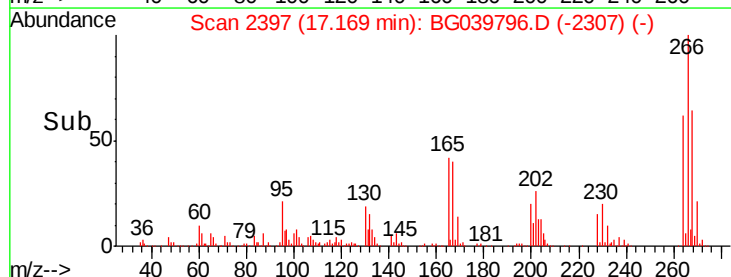
264 62.0 52.1 78.1

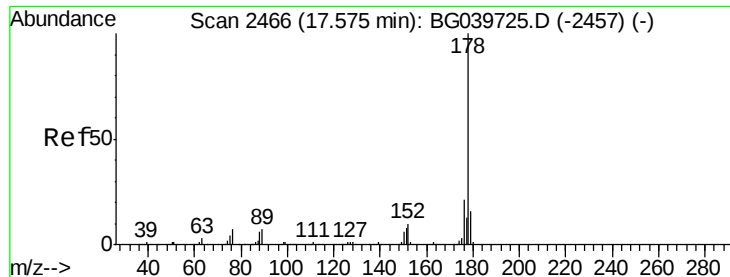


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

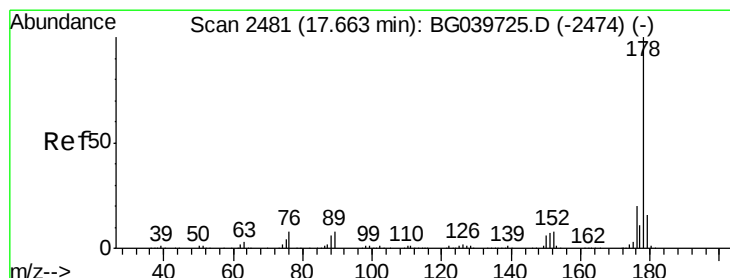
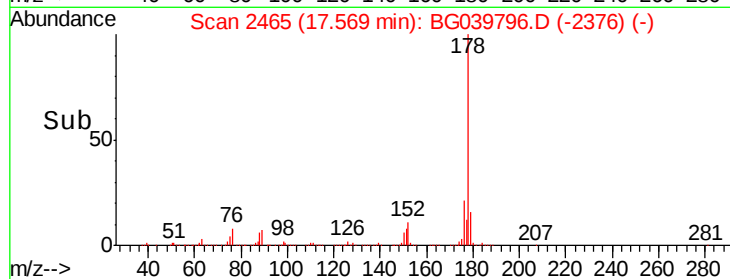
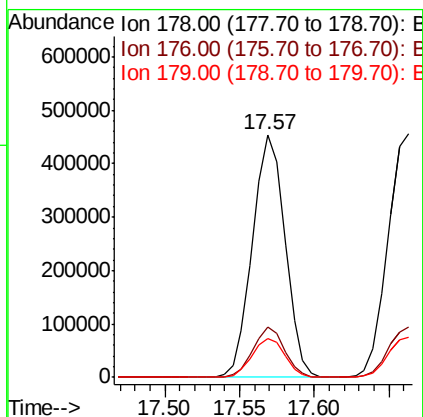
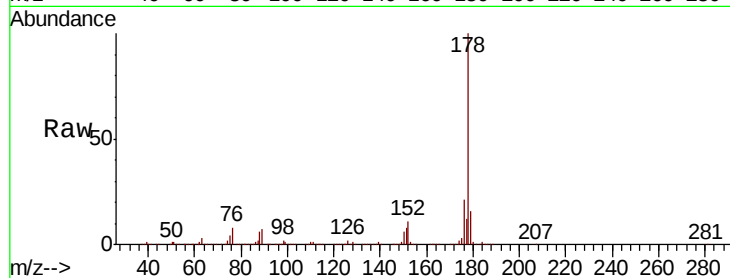




#71
Phenanthrene
Concen: 33.044 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

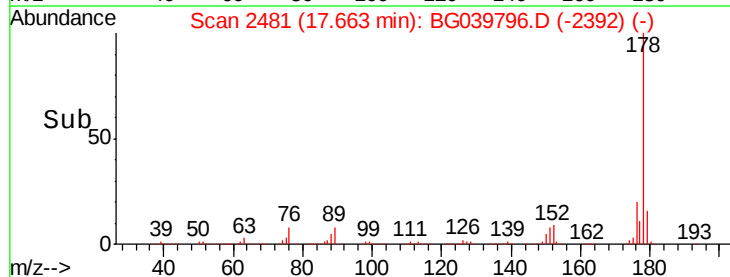
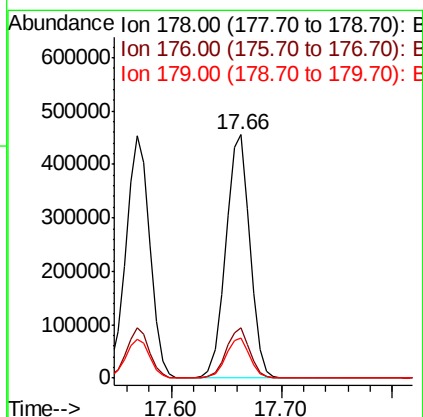
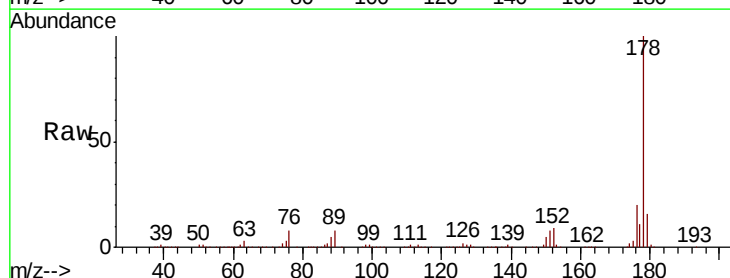
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

Tgt Ion:178 Resp: 686854
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 34.295 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:178 Resp: 694671
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.4 12.5 18.7

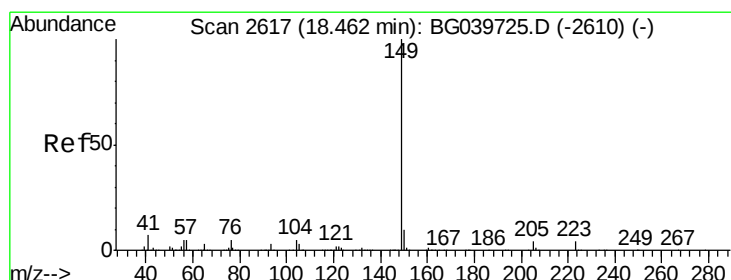
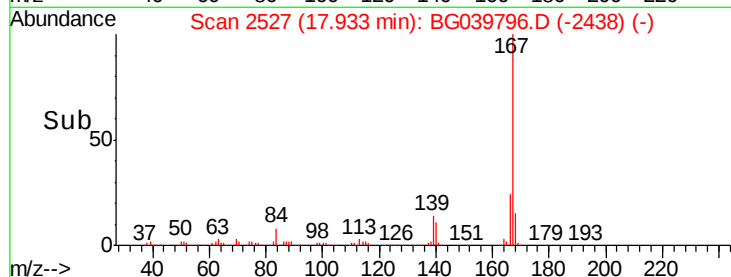
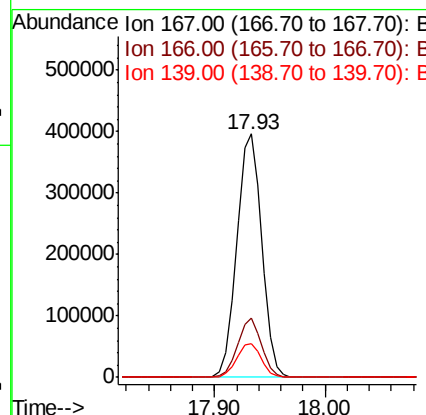
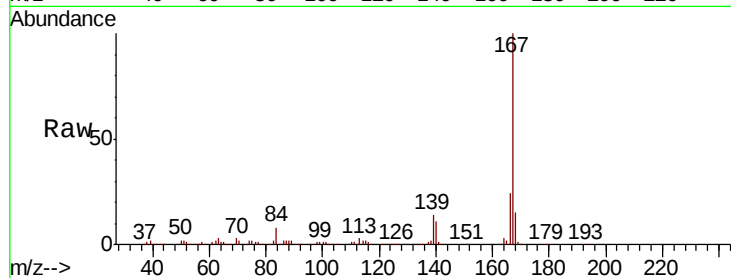




#73
 Carbazole
 Concen: 34.299 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

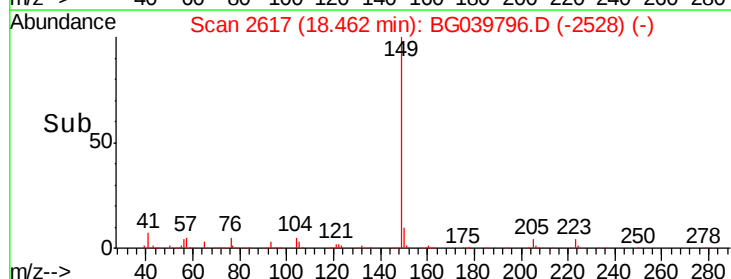
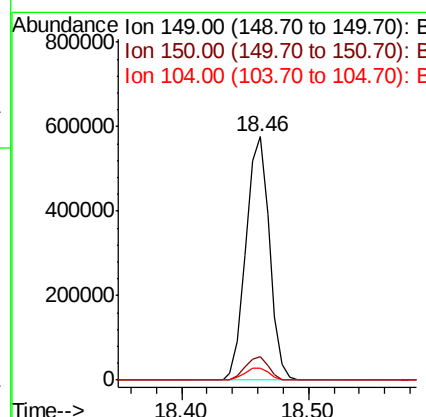
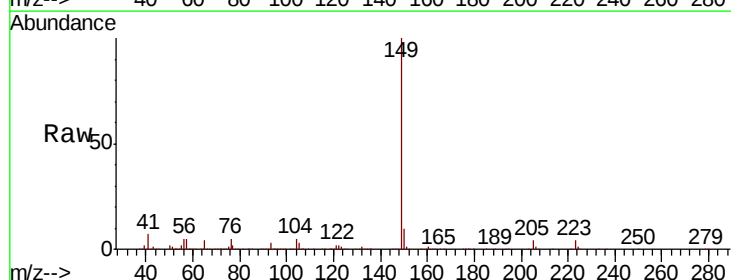
Instrument :
 BNA_G
 ClientSampleId :
 DR-FCMSD

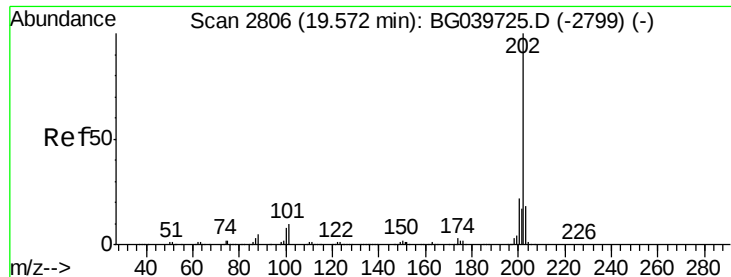
Tgt Ion:167 Resp: 626325
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 34.331 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039796.D
 Acq: 6 Mar 2019 20:45

Tgt Ion:149 Resp: 737595
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 31.923 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

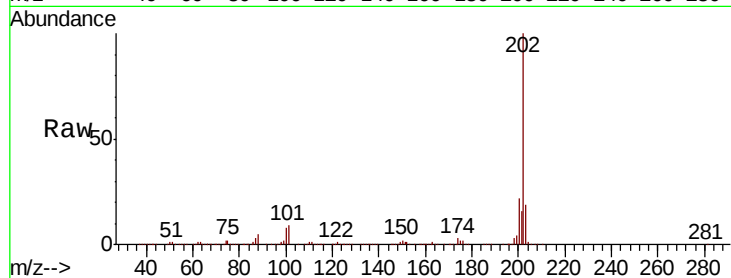
Tgt Ion:202 Resp: 784193

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.0

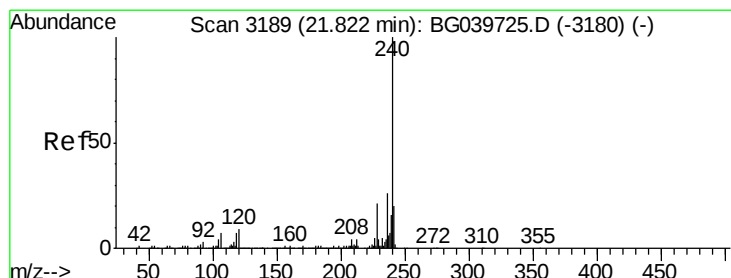
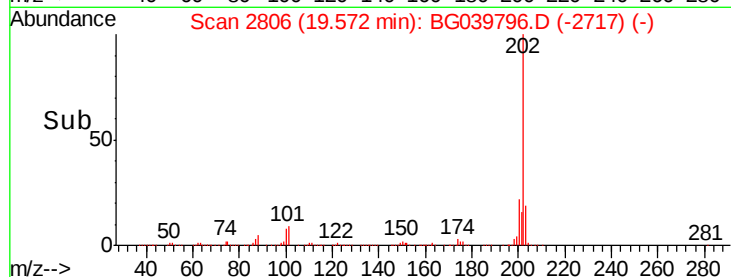
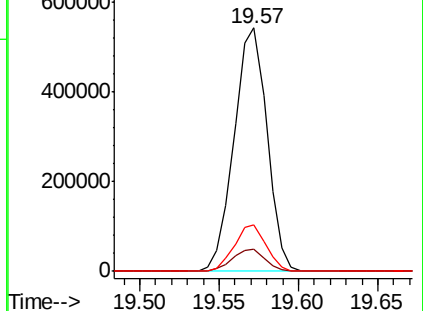
203 18.9 0.0 38.9



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: BG039796.D

Acq: 6 Mar 2019 20:45

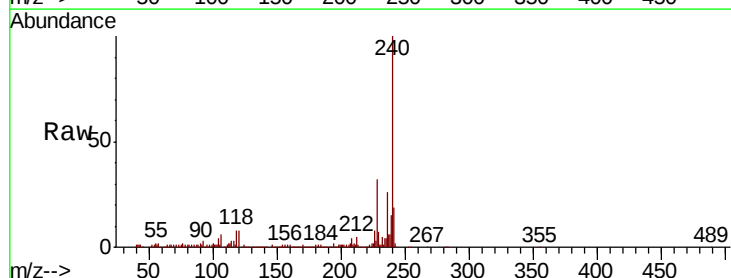
Tgt Ion:240 Resp: 346975

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

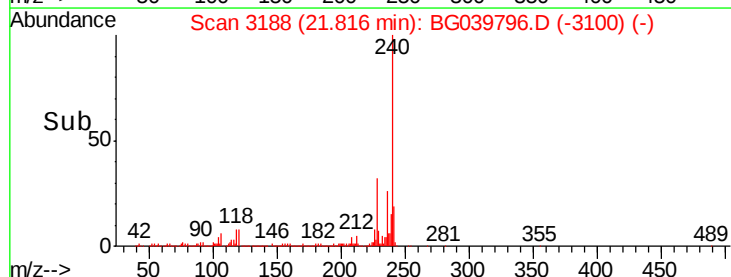
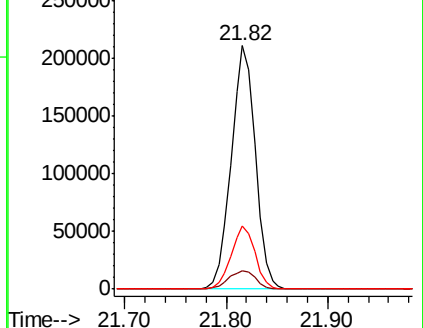
236 26.0 21.0 31.4

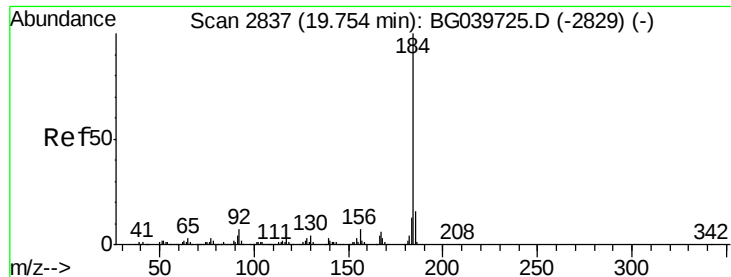


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.968 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

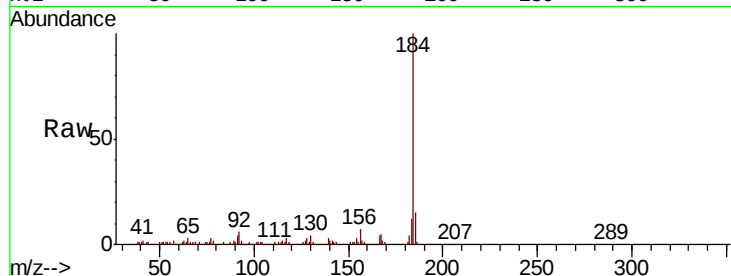
Tgt Ion:184 Resp: 219858

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

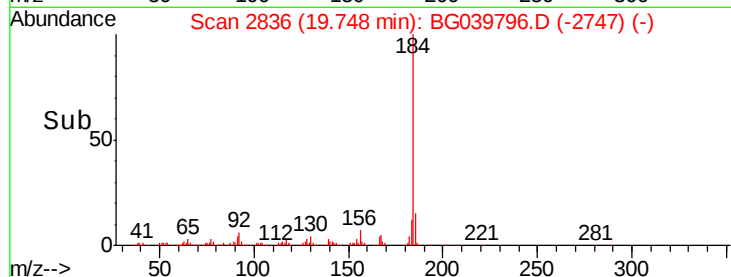
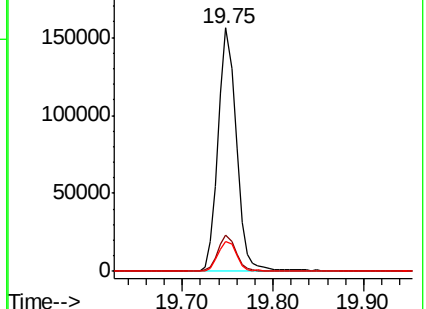
183 12.1 10.6 15.8



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: 34.706 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

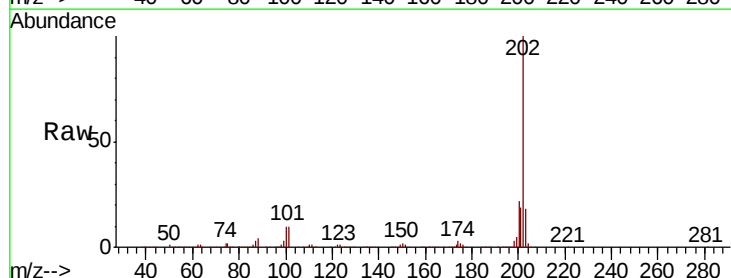
Tgt Ion:202 Resp: 782501

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

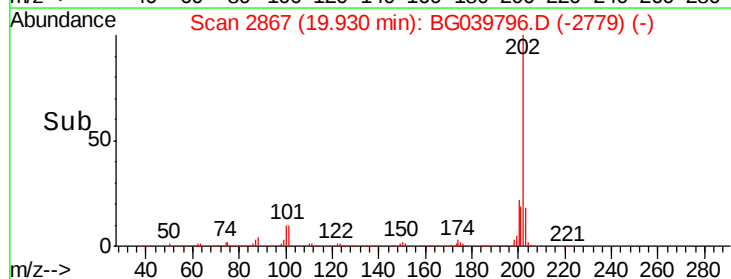
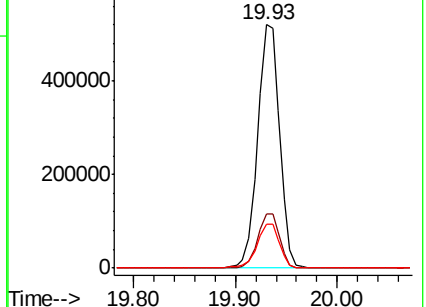
203 18.0 15.3 22.9

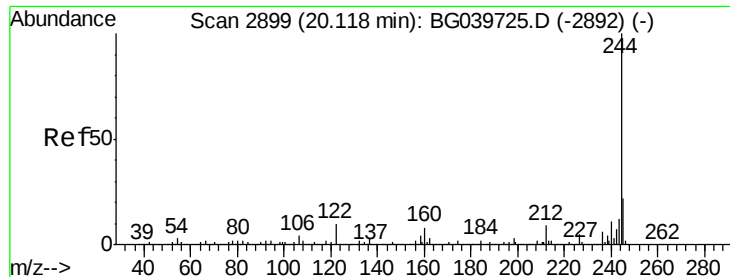


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.234 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

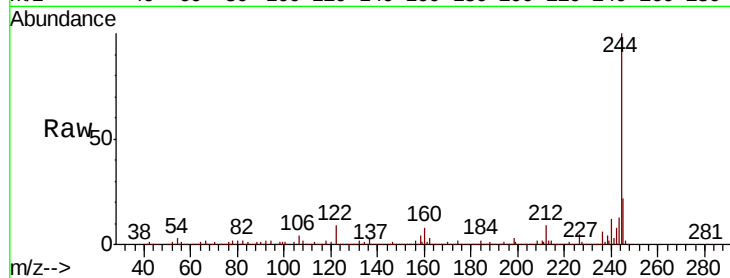
Tgt Ion:244 Resp: 1106800

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

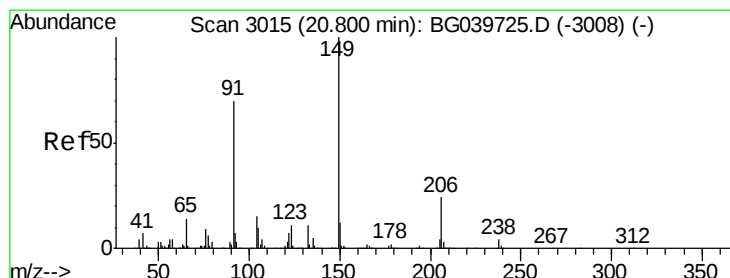
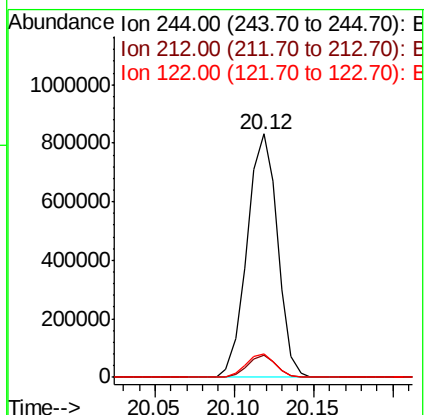
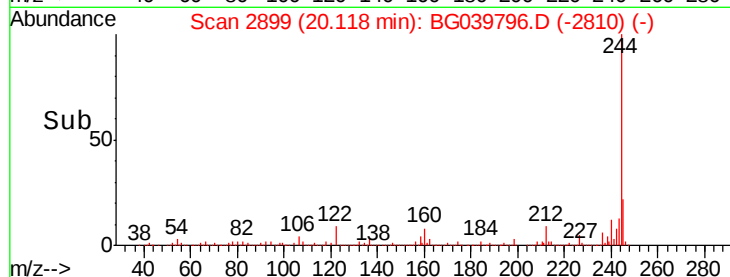
122 9.5 8.4 12.6



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: 37.615 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

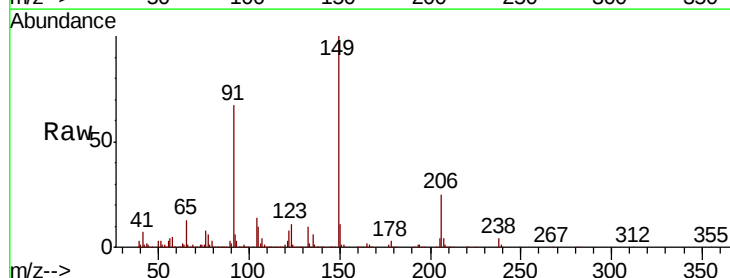
Tgt Ion:149 Resp: 328573

Ion Ratio Lower Upper

149 100

91 67.1 59.5 89.3

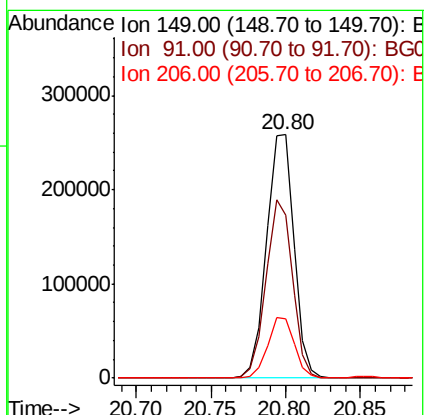
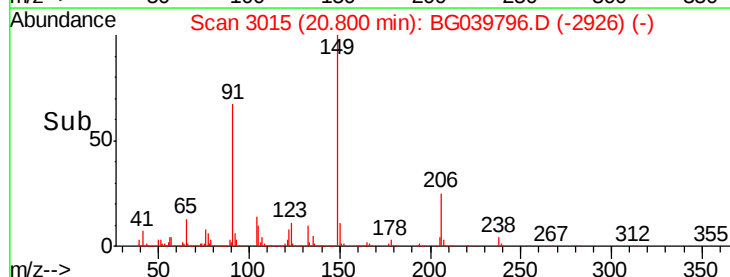
206 24.6 18.6 27.8

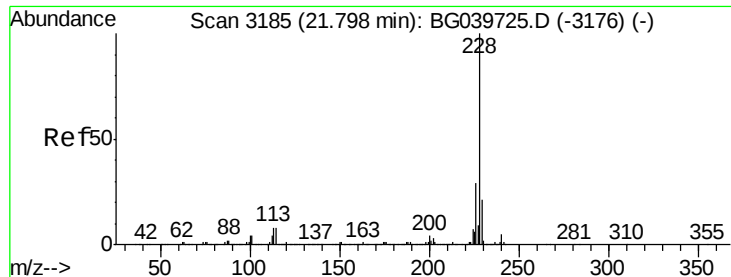


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.171 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

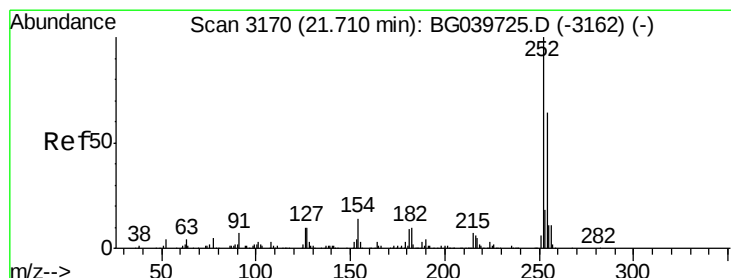
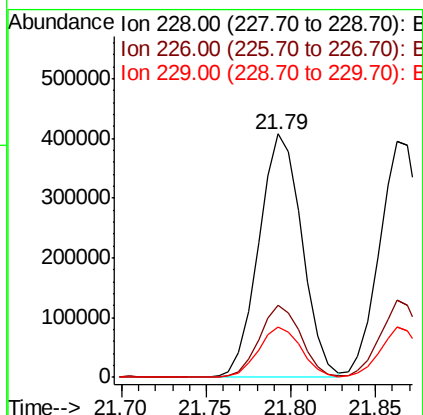
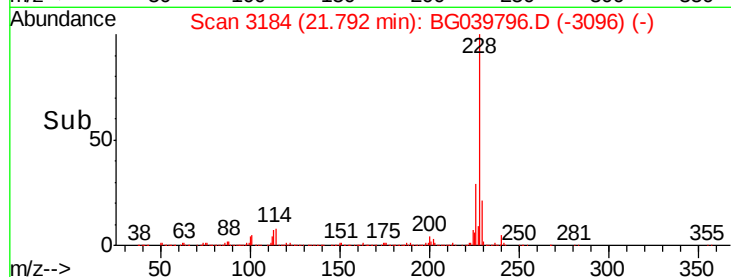
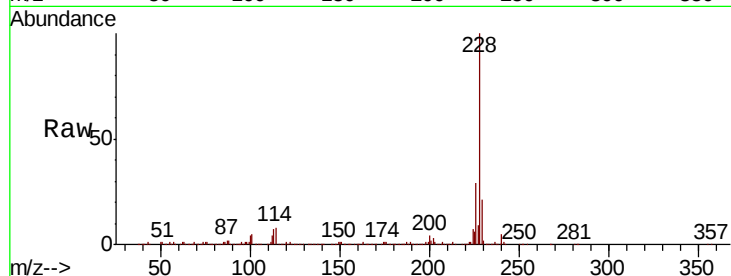
Tgt Ion:228 Resp: 721326

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

229 20.6 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 14.530 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

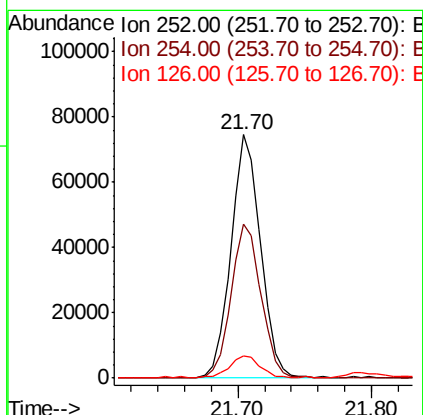
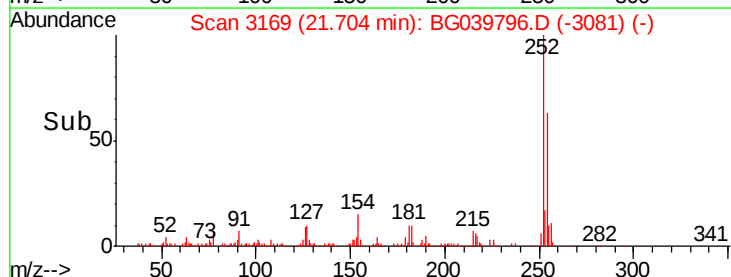
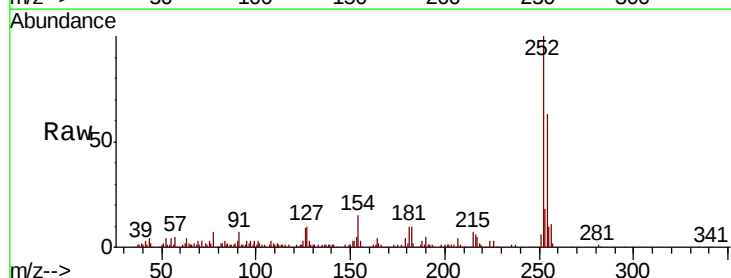
Tgt Ion:252 Resp: 115361

Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

126 9.0 8.0 12.0





#83

Chrysene

Concen: 32.602 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

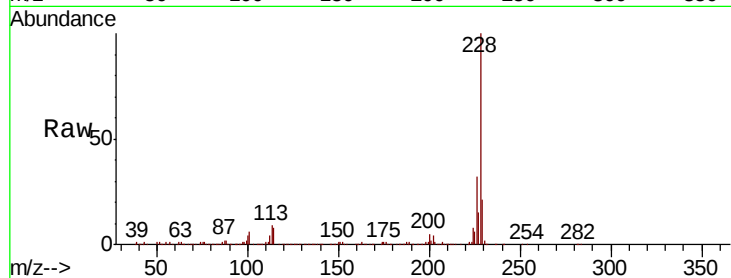
Tgt Ion:228 Resp: 687307

Ion Ratio Lower Upper

228 100

226 32.4 25.8 38.6

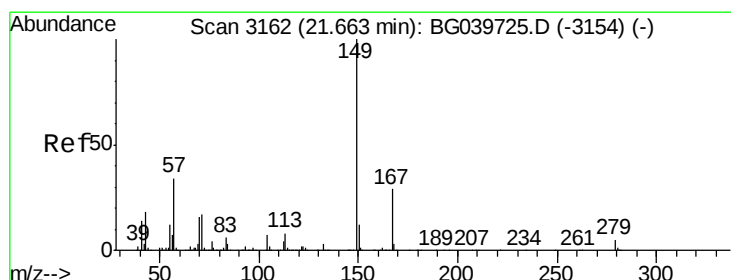
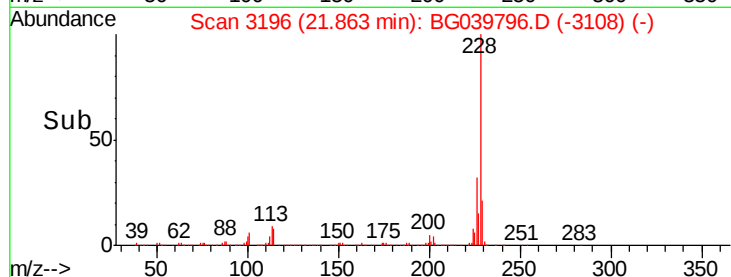
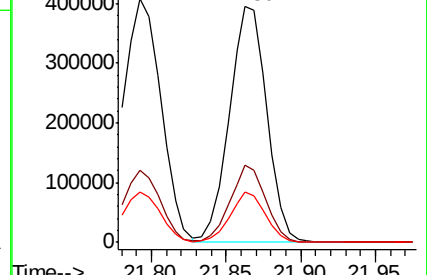
229 21.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.144 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

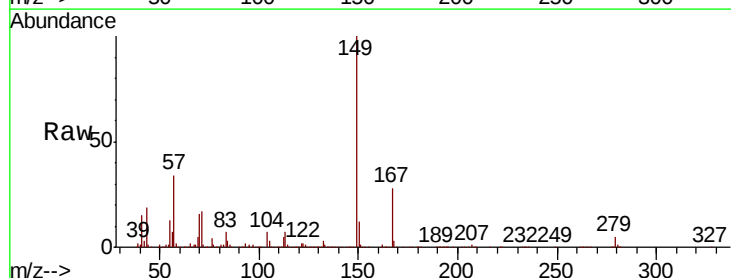
Tgt Ion:149 Resp: 455937

Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

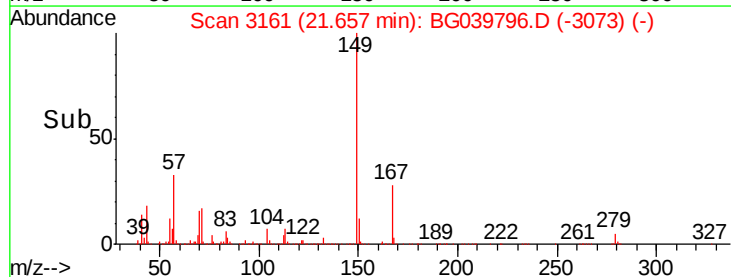
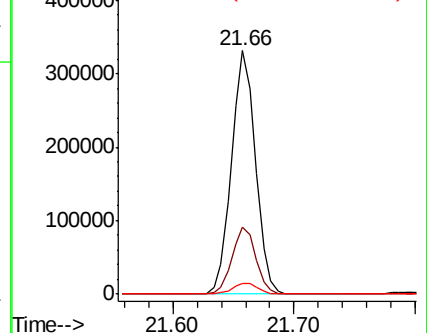
279 4.6 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

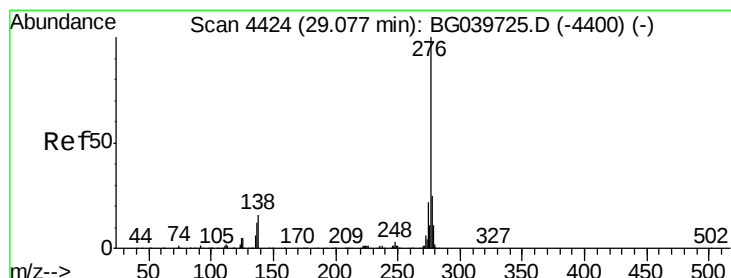
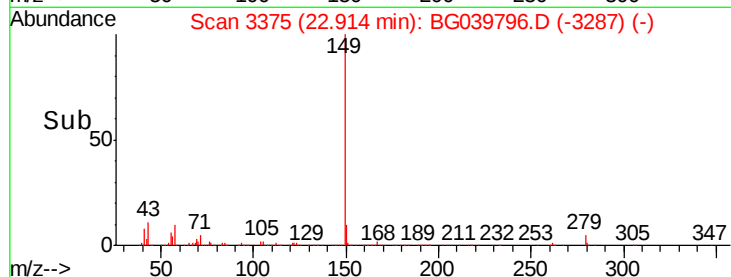
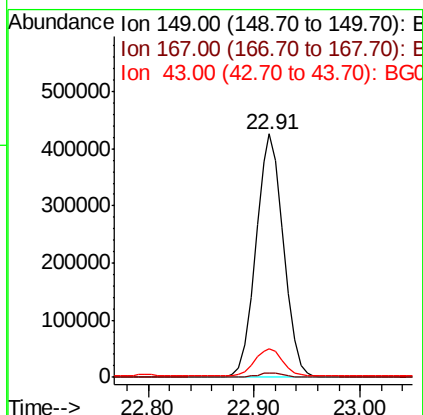
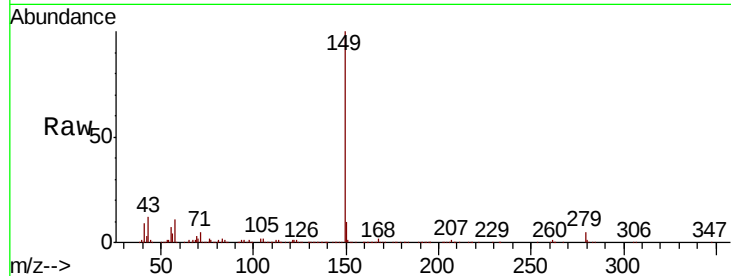




#85
Di-n-octyl phthalate
Concen: 37.642 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

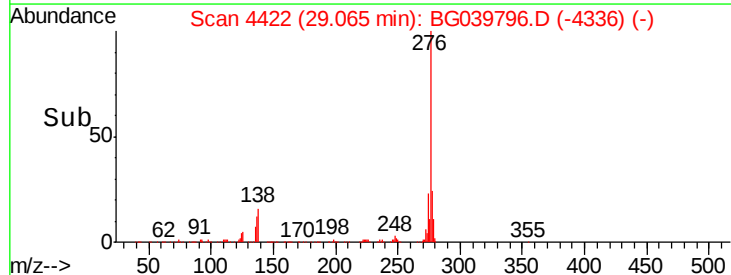
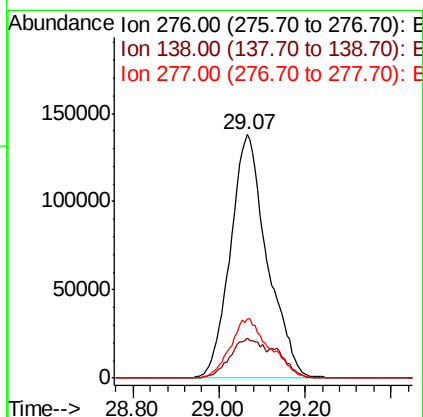
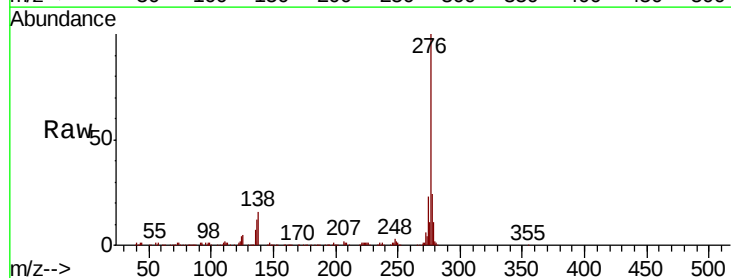
Instrument :
BNA_G
ClientSampled :
DR-FCMSD

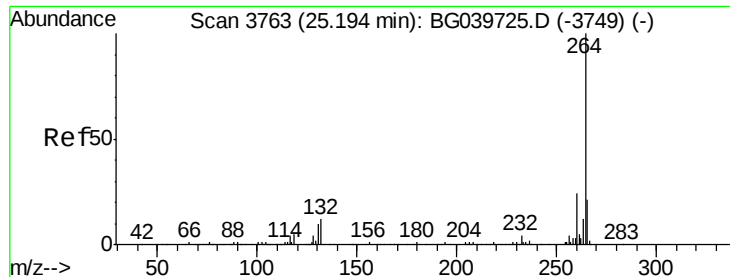
Tgt Ion:149 Resp: 765049
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 11.4 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.306 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:276 Resp: 820482
Ion Ratio Lower Upper
276 100
138 14.5 12.6 19.0
277 26.0 20.8 31.2

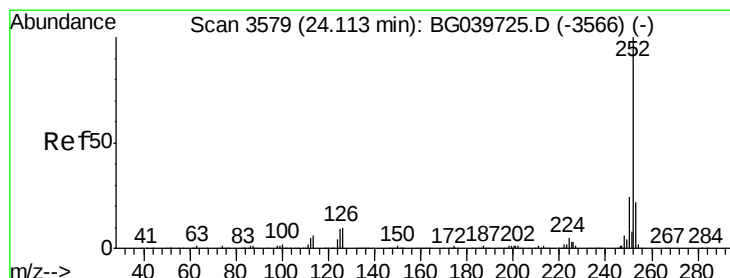
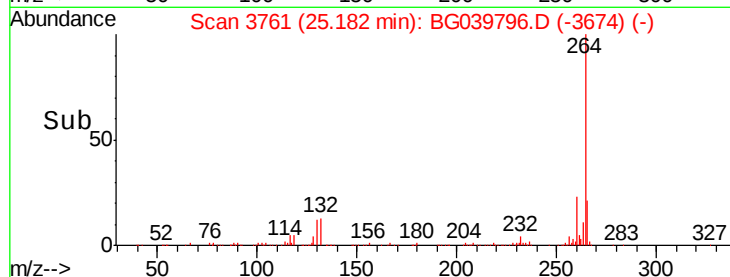
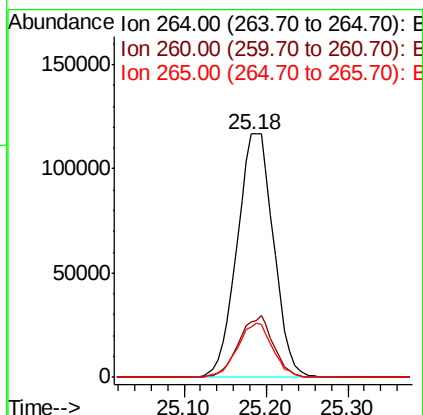
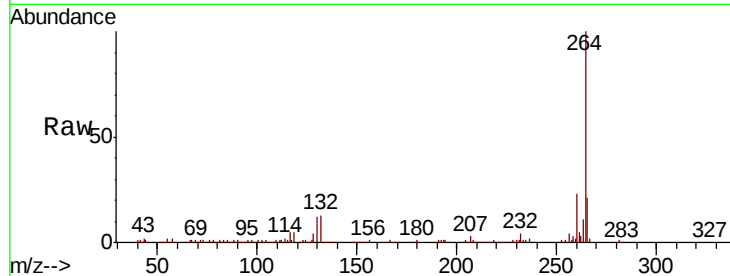




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

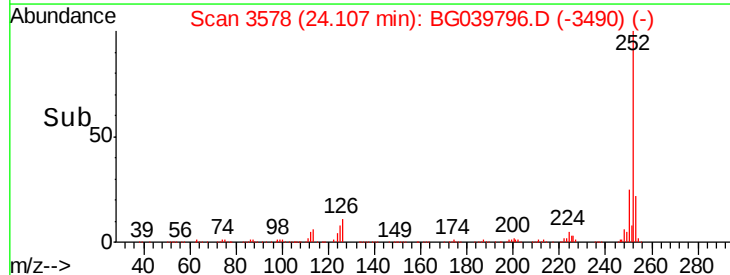
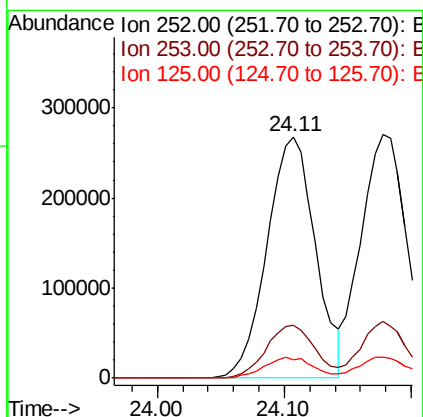
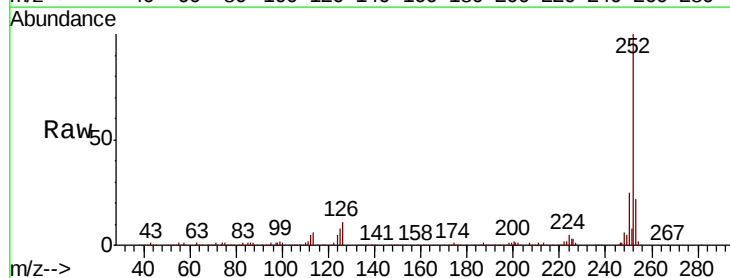
Instrument :
BNA_G
ClientSampleId :
DR-FCMSD

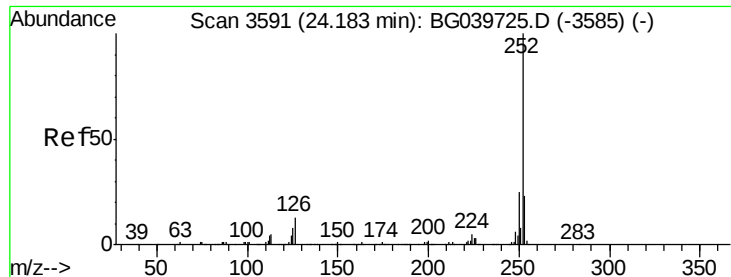
Tgt Ion:264 Resp: 361901
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 20.8 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 32.908 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039796.D
Acq: 6 Mar 2019 20:45

Tgt Ion:252 Resp: 710173
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 34.034 ng

RT: 24.18 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

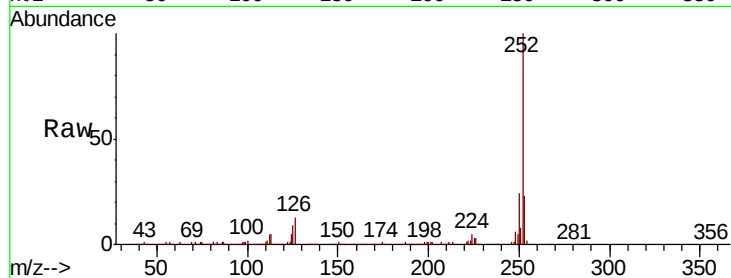
Tgt Ion:252 Resp: 683692

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

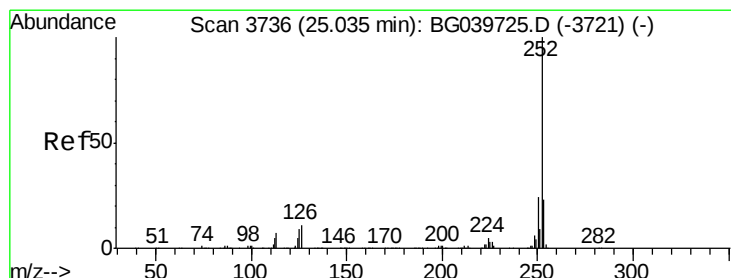
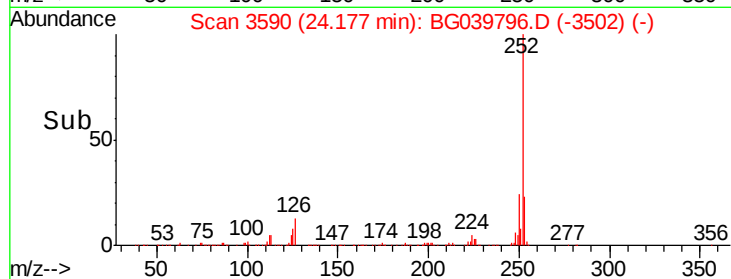
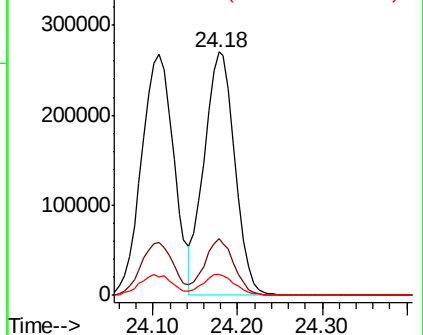
125 8.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.875 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

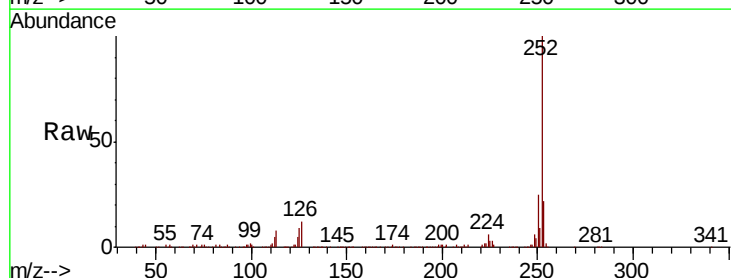
Tgt Ion:252 Resp: 695483

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

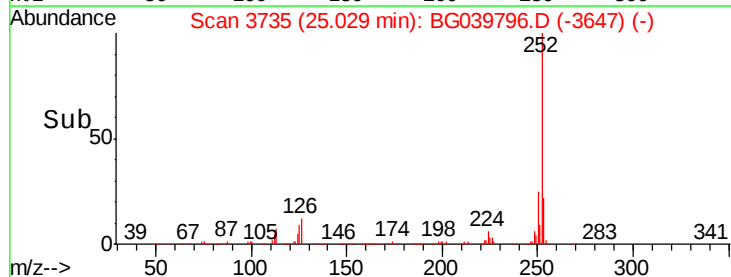
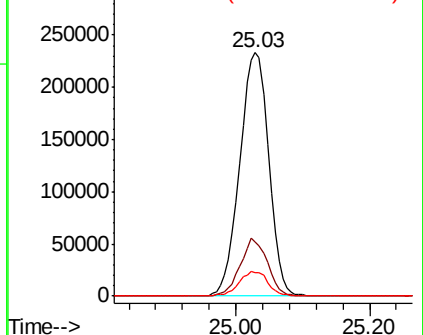
125 9.5 8.3 12.5

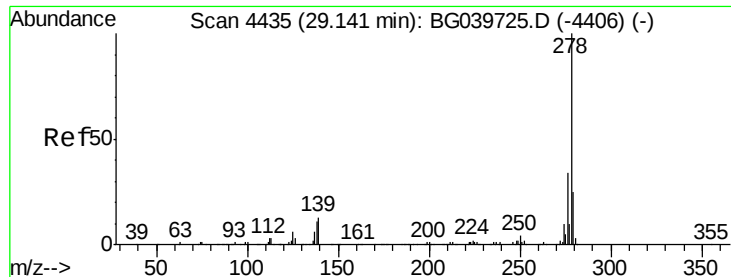


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.432 ng

RT: 29.13 min Scan# 4433

Delta R.T. -0.02 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

DR-FCMSD

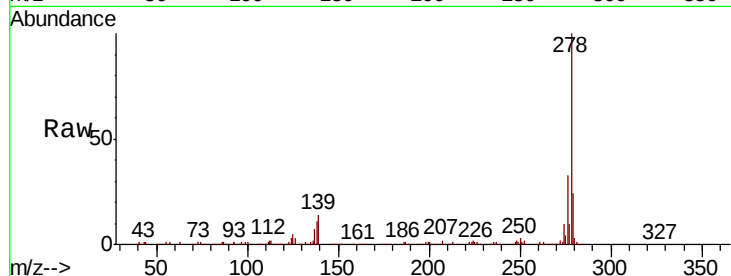
Tgt Ion:278 Resp: 673162

Ion Ratio Lower Upper

278 100

139 14.5 11.7 17.5

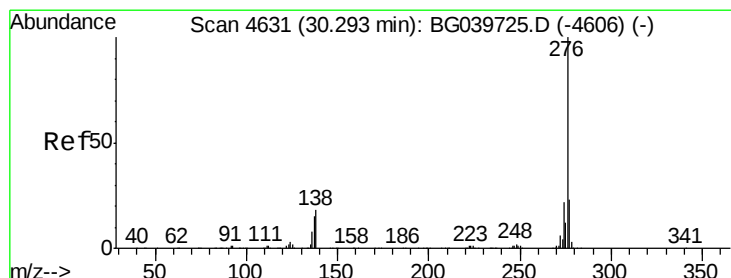
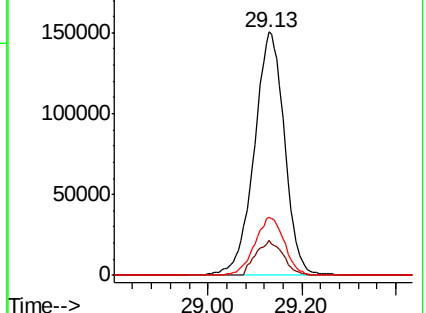
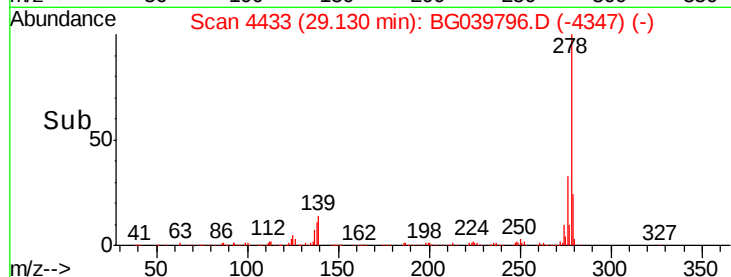
279 23.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.817 ng

RT: 30.28 min Scan# 4629

Delta R.T. -0.03 min

Lab File: BG039796.D

Acq: 6 Mar 2019 20:45

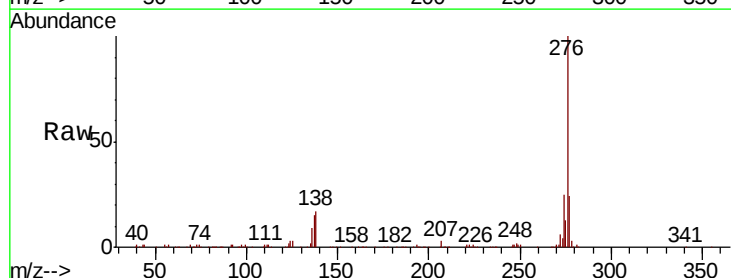
Tgt Ion:276 Resp: 683620

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.4 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

