

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039280.D
 Acq On : 25 Jan 2019 16:03
 Operator : JU/SJ
 Sample : PB116613BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

Quant Time: Jan 28 03:13:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	20945	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	74881	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	46522	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	133360	20.00	ng	0.00
76) Chrysene-d12	21.67	240	145095	20.00	ng	-0.01
87) Perylene-d12	24.92	264	135885	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	135996	123.17	ng	0.00
7) Phenol-d6	7.17	99	180107	113.35	ng	0.00
23) Nitrobenzene-d5	9.18	82	129741	94.81	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	114739	147.13	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	264280	77.74	ng	0.00
79) Terphenyl-d14	20.00	244	621547	79.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	9425	21.798	ng	83
3) Pyridine	3.84	79	34637	29.482	ng	95
4) n-Nitrosodimethylamine	3.76	42	21973	41.562	ng	94
6) Aniline	7.33	93	46999	24.629	ng	98
8) 2-Chlorophenol	7.57	128	45467	34.933	ng	98
9) Benzaldehyde	7.15	77	5300	5.784	ng	93
10) Phenol	7.20	94	56783	35.644	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	35320	29.009	ng	98
12) 1,3-Dichlorobenzene	7.89	146	58062	37.234	ng	97
13) 1,4-Dichlorobenzene	8.04	146	59753	37.835	ng	98
14) 1,2-Dichlorobenzene	8.36	146	58167	38.628	ng	98
15) Benzyl Alcohol	8.25	79	51414	42.966	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	98456	42.170	ng	98
17) 2-Methylphenol	8.45	107	51251	46.331	ng	94
18) Hexachloroethane	9.08	117	21682	40.411	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	42512	40.742	ng	# 92
20) 3+4-Methylphenols	8.78	107	69023	43.764	ng	# 97
22) Acetophenone	8.84	105	84828	43.379	ng	# 97
24) Nitrobenzene	9.22	77	62827	45.422	ng	99
25) Isophorone	9.74	82	122101	51.799	ng	# 95
26) 2-Nitrophenol	9.94	139	34002	45.448	ng	99
27) 2,4-Dimethylphenol	9.99	122	59226	56.268	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	71731	50.632	ng	98
29) 2,4-Dichlorophenol	10.47	162	58352	44.624	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	59383	37.796	ng	99
31) Naphthalene	10.87	128	150351	40.034	ng	98
32) Benzoic acid	10.17	122	13218	25.847	ng	96
33) 4-Chloroaniline	10.99	127	35913	21.371	ng	98
34) Hexachlorobutadiene	11.13	225	38712	35.808	ng	99
35) Caprolactam	11.78	113	8761	16.708	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	50152	35.859	ng	94
37) 2-Methylnaphthalene	12.47	142	98720	35.060	ng	99
38) 1-Methylnaphthalene	12.70	142	95949	35.502	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	64744	37.056	ng	99

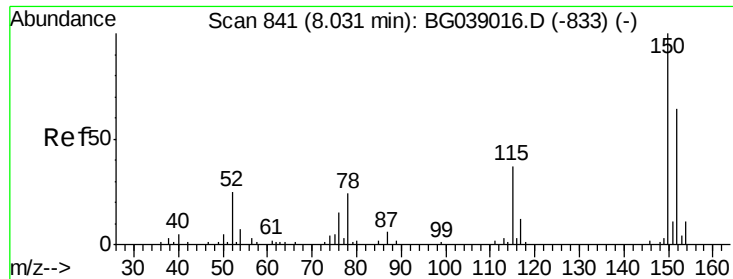
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	65941	67.943	ng	96
43) 2,4,6-Trichlorophenol	13.08	196	43810	39.841	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	48741	41.938	ng	98
46) 1,1'-Biphenyl	13.48	154	136190	36.945	ng	98
47) 2-Chloronaphthalene	13.53	162	111522	37.385	ng	99
48) 2-Nitroaniline	13.74	65	34183	40.903	ng	93
49) Acenaphthylene	14.37	152	183718	40.974	ng	98
50) Dimethylphthalate	14.10	163	157881	40.160	ng	99
51) 2,6-Dinitrotoluene	14.24	165	35981	40.937	ng	100
52) Acenaphthene	14.71	154	105346	39.105	ng	95
53) 3-Nitroaniline	14.57	138	24160	27.096	ng	99
54) 2,4-Dinitrophenol	14.78	184	46274	87.516	ng	98
55) Dibenzofuran	15.05	168	186756	39.253	ng	99
56) 4-Nitrophenol	14.88	139	55733	86.872	ng	97
57) 2,4-Dinitrotoluene	15.02	165	53418	42.362	ng	96
58) Fluorene	15.69	166	154534	43.150	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	48535	44.240	ng	96
60) Diethylphthalate	15.45	149	168559	41.615	ng	97
61) 4-Chlorophenyl-phenylether	15.68	204	88443	39.199	ng	100
62) 4-Nitroaniline	15.74	138	35787	38.528	ng	92
63) Azobenzene	15.98	77	127069	40.116	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	36485	36.928	ng	94
66) n-Nitrosodiphenylamine	15.91	169	144881	36.647	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	62221	36.296	ng	98
68) Hexachlorobenzene	16.69	284	67484	36.076	ng	98
69) Atrazine	16.85	200	59226	35.264	ng	96
70) Pentachlorophenol	17.04	266	66096	58.842	ng	99
71) Phenanthrene	17.44	178	285868	40.554	ng	99
72) Anthracene	17.53	178	288211	41.353	ng	99
73) Carbazole	17.81	167	257364	37.406	ng	99
74) Di-n-butylphthalate	18.34	149	302826	39.564	ng	99
75) Fluoranthene	19.45	202	368005	42.113	ng	99
77) Benzidine	19.64	184	103768	23.382	ng	99
78) Pyrene	19.81	202	367796	39.776	ng	99
80) Butylbenzylphthalate	20.68	149	138596	39.409	ng	98
81) Benzo(a)anthracene	21.65	228	368439	41.713	ng	100
82) 3,3'-Dichlorobenzidine	21.57	252	111728	31.046	ng	98
83) Chrysene	21.72	228	342524	40.774	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	194450	39.820	ng	96
85) Di-n-octyl phthalate	22.73	149	334868	40.555	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	436985	43.533	ng	# 96
88) Benzo(b)fluoranthene	23.88	252	366968	48.977	ng	99
89) Benzo(k)fluoranthene	23.95	252	358434	48.383	ng	98
90) Benzo(a)pyrene	24.78	252	358420	49.490	ng	99
91) Dibenzo(a,h)anthracene	28.73	278	359838	49.952	ng	98
92) Benzo(g,h,i)perylene	29.85	276	352399	49.414	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

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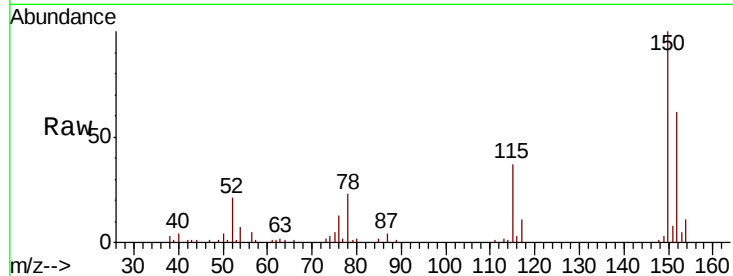
Tgt Ion:152 Resp: 20945

Ion Ratio Lower Upper

152 100

150 161.6 124.7 187.1

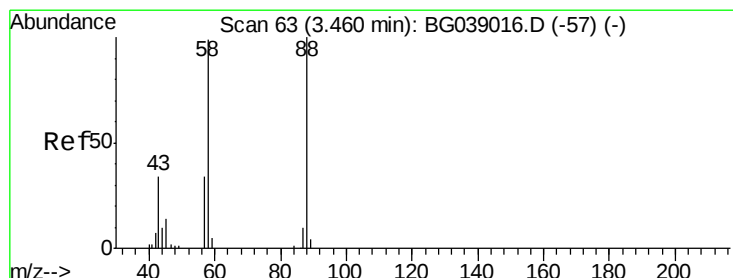
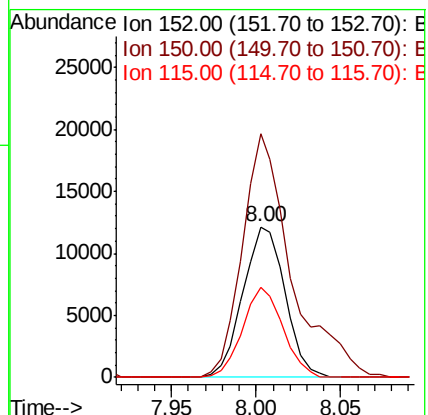
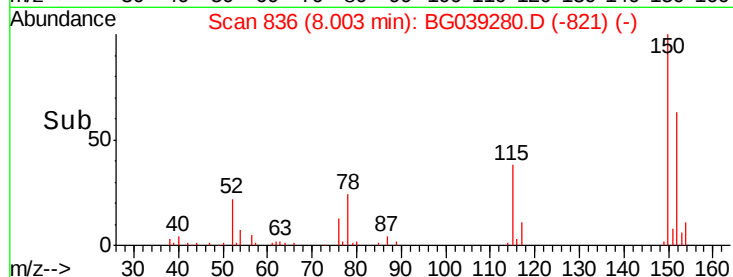
115 59.5 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.798 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

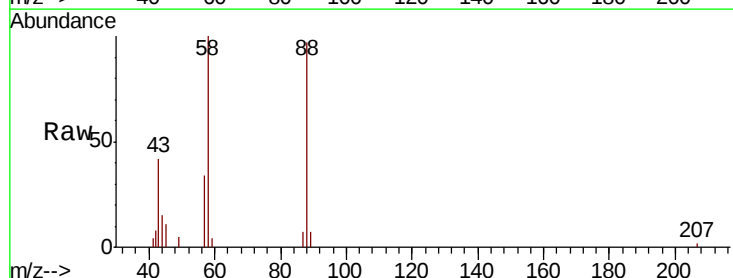
Tgt Ion: 88 Resp: 9425

Ion Ratio Lower Upper

88 100

58 108.4 72.4 108.6

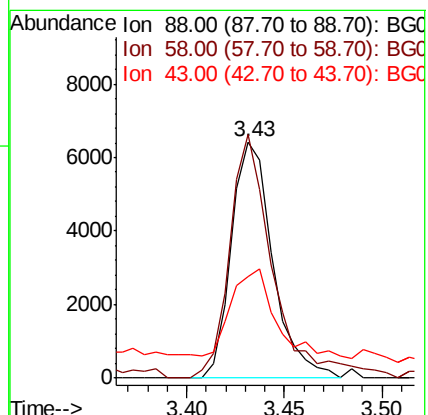
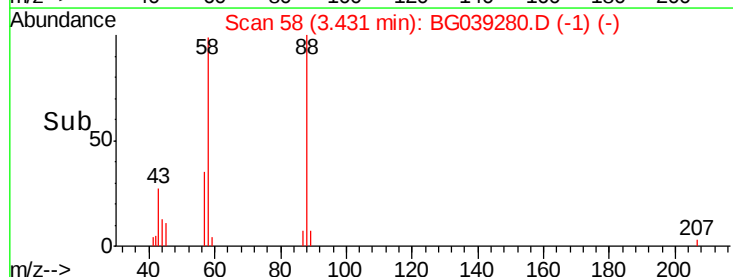
43 41.2 27.6 41.4

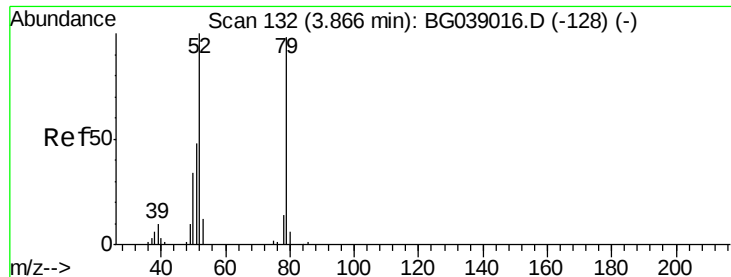


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.482 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

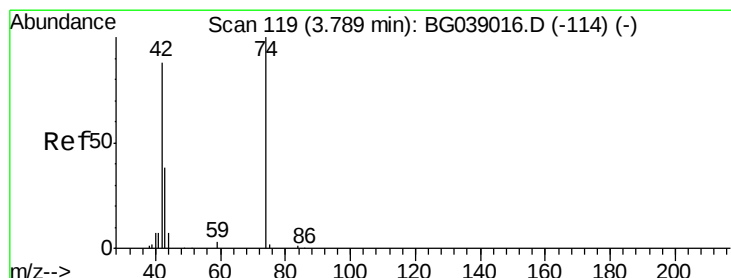
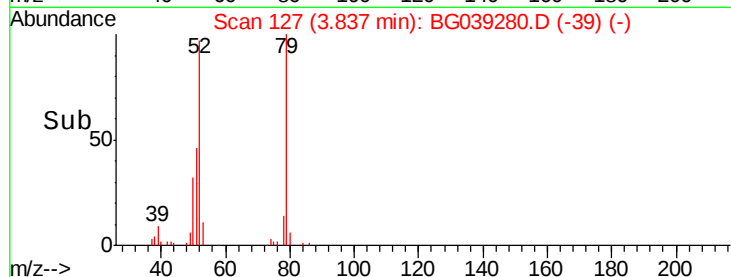
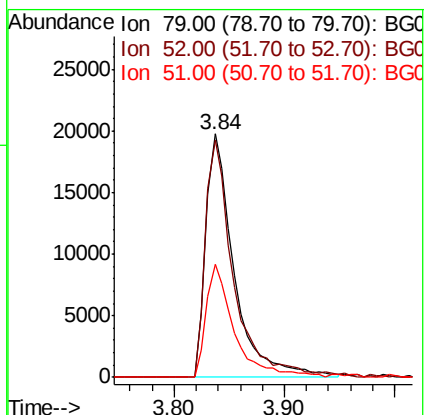
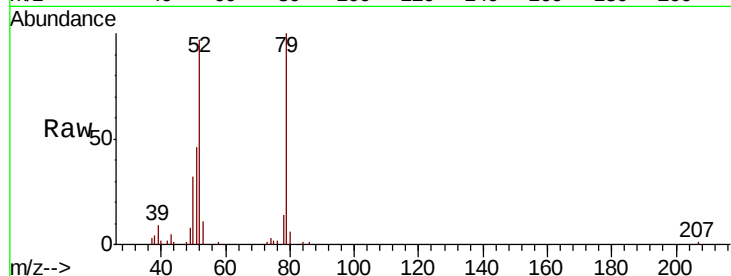
Tgt Ion: 79 Resp: 34637

Ion Ratio Lower Upper

79 100

52 97.3 81.5 122.3

51 46.4 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 41.562 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

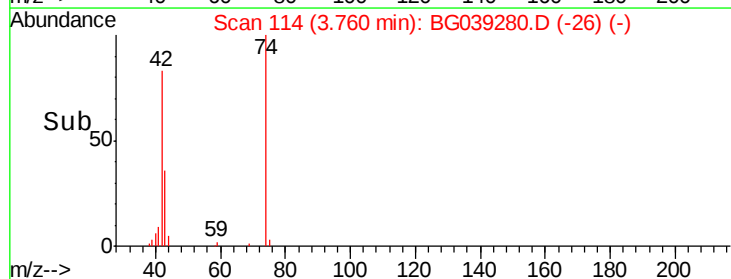
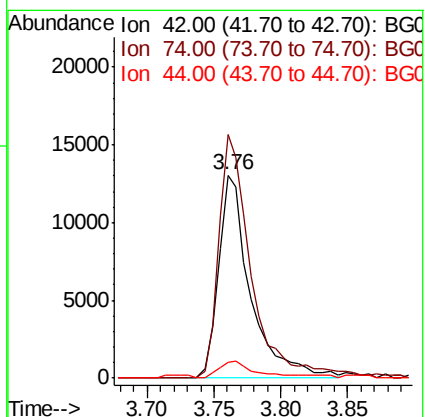
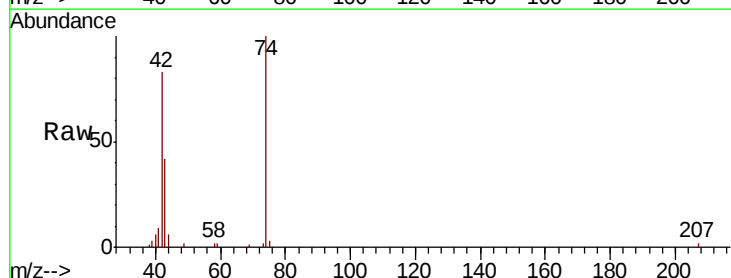
Tgt Ion: 42 Resp: 21973

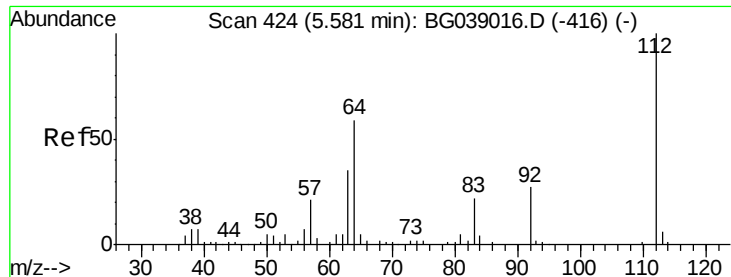
Ion Ratio Lower Upper

42 100

74 120.0 90.7 136.1

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 123.171 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

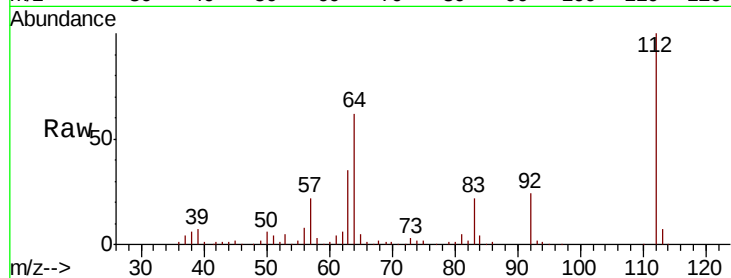
Tgt Ion: 112 Resp: 135996

Ion Ratio Lower Upper

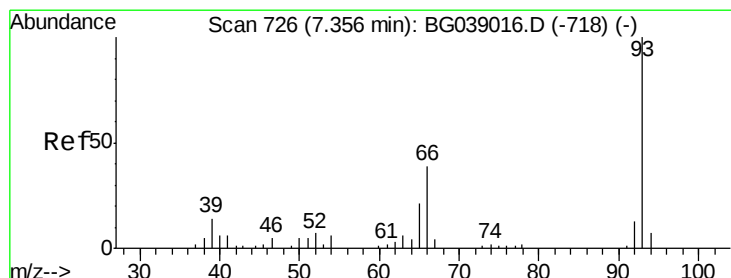
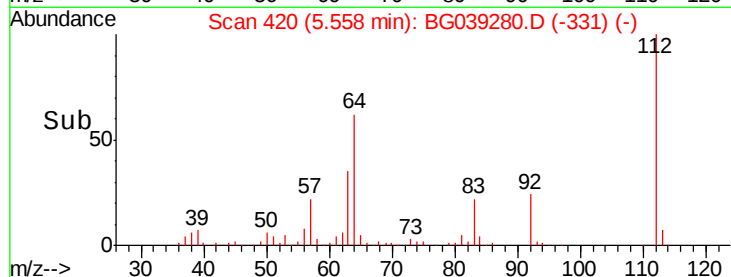
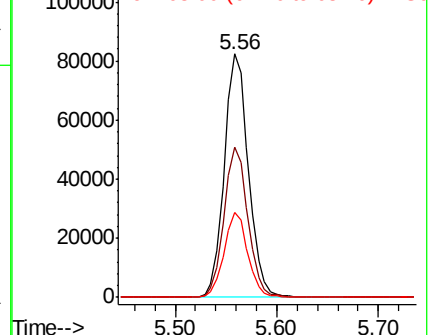
112 100

64 61.6 47.0 70.6

63 34.7 28.0 42.0



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: 24.629 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

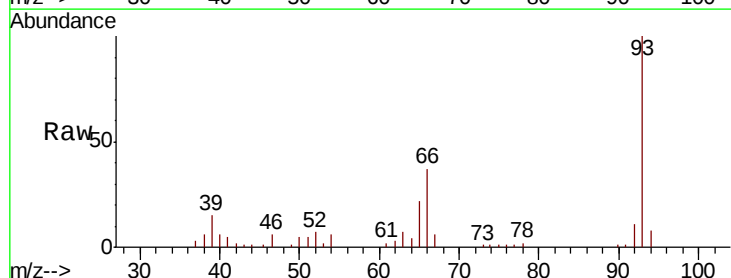
Tgt Ion: 93 Resp: 46999

Ion Ratio Lower Upper

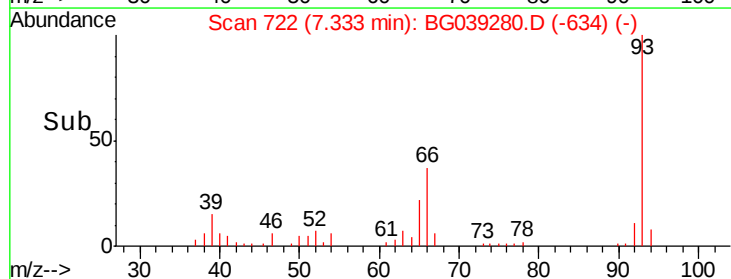
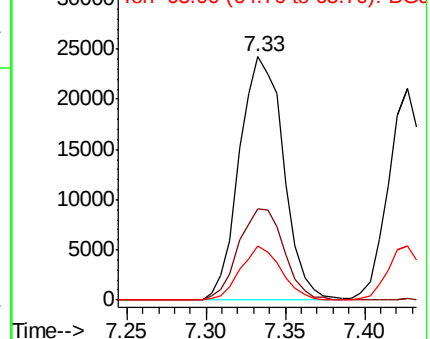
93 100

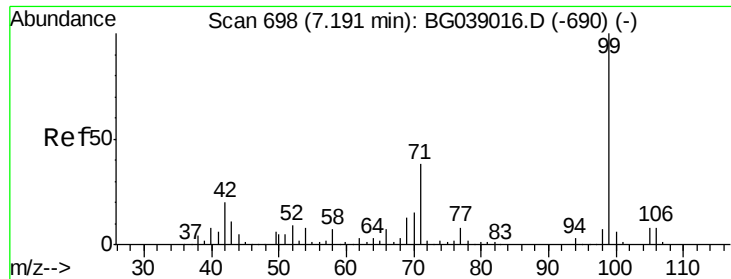
66 37.3 30.9 46.3

65 22.3 17.0 25.4



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: 113.348 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

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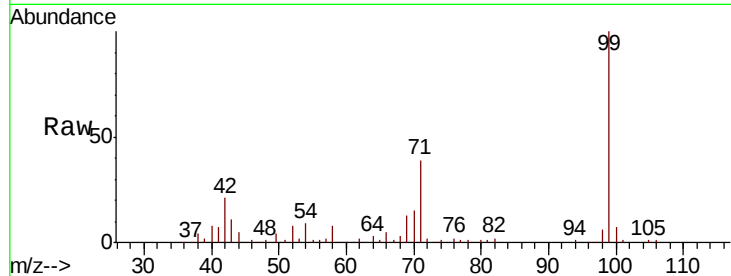
Tgt Ion: 99 Resp: 180107

Ion Ratio Lower Upper

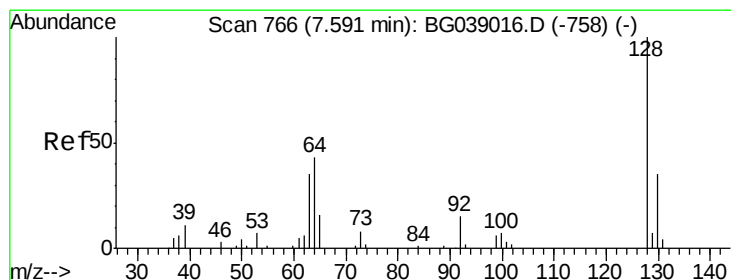
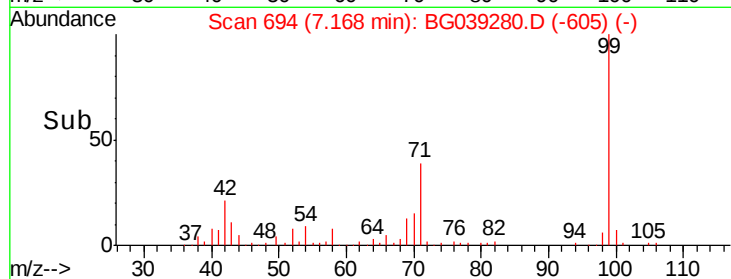
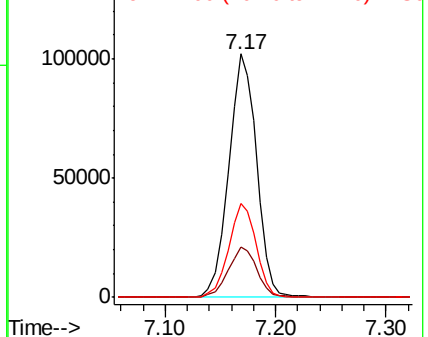
99 100

42 20.6 15.8 23.6

71 38.6 30.2 45.4



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: 34.933 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

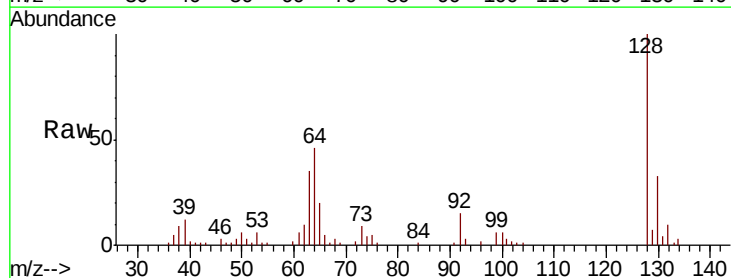
Tgt Ion: 128 Resp: 45467

Ion Ratio Lower Upper

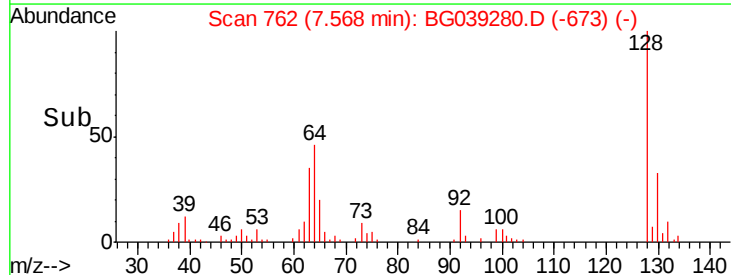
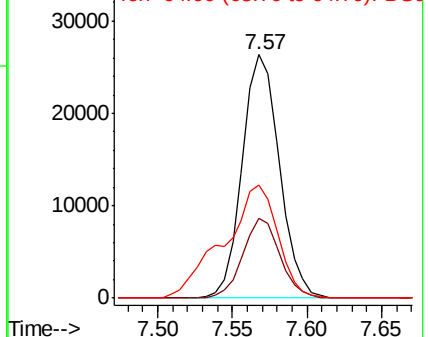
128 100

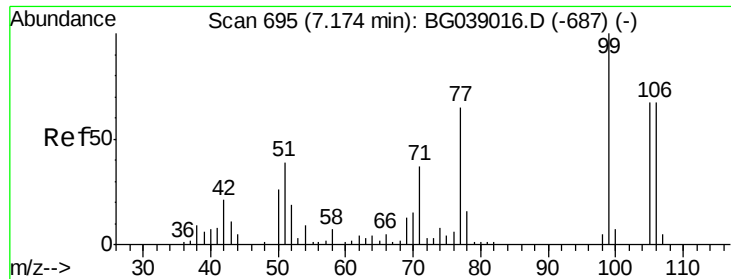
130 33.0 14.5 54.5

64 46.2 27.3 67.3



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

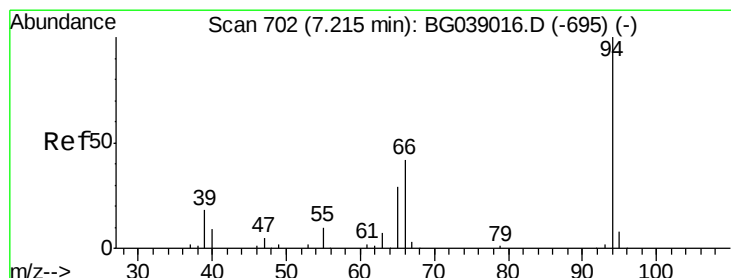
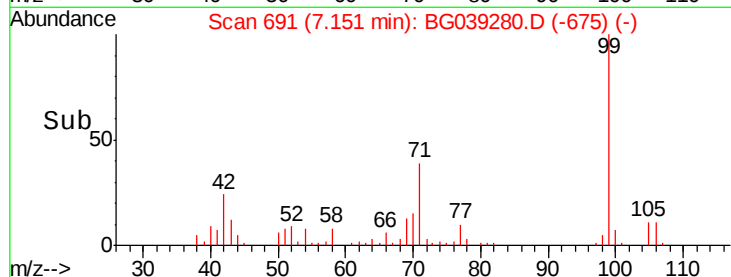
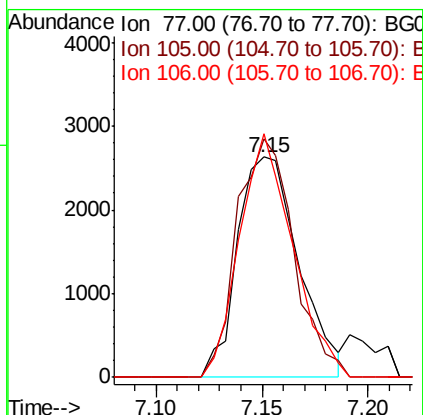
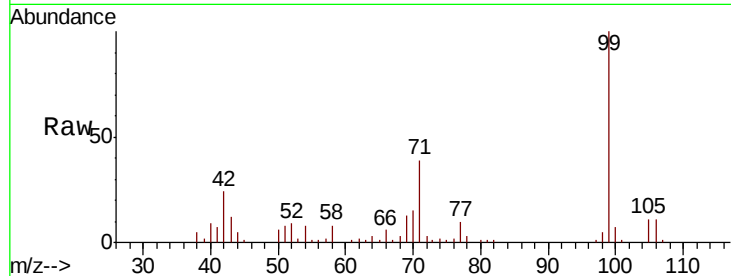




#9
Benzaldehyde
Concen: 5.784 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

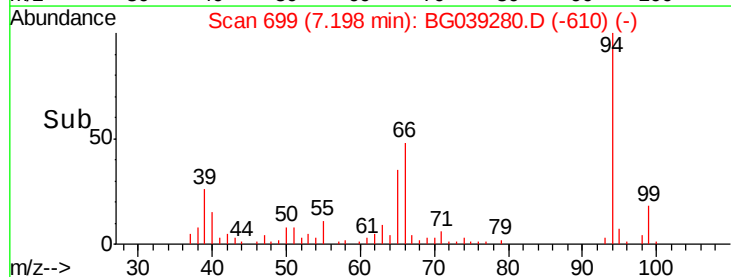
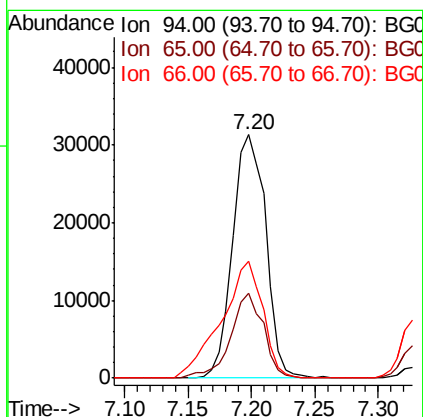
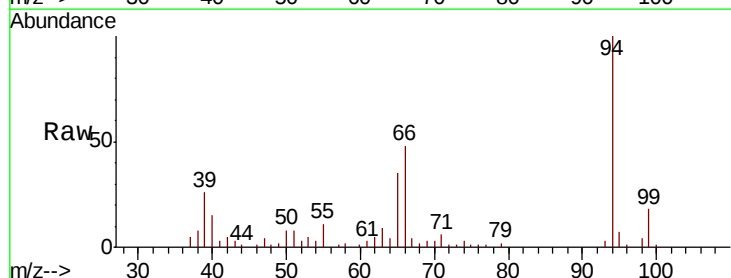
Instrument :
BNA_G
ClientSampleId :
PB116613BS

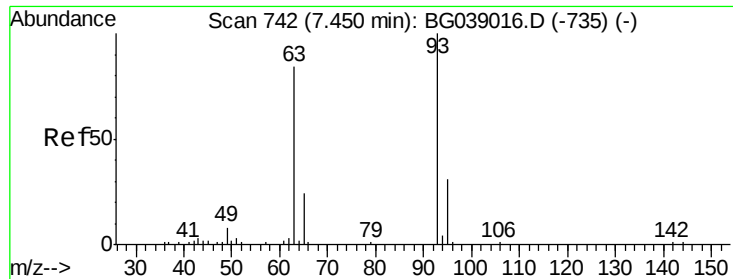
Tgt Ion: 77 Resp: 5300
Ion Ratio Lower Upper
77 100
105 108.5 82.4 122.4
106 110.7 82.8 122.8



#10
Phenol
Concen: 35.644 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion: 94 Resp: 56783
Ion Ratio Lower Upper
94 100
65 35.1 10.3 50.3
66 48.0 25.1 65.1

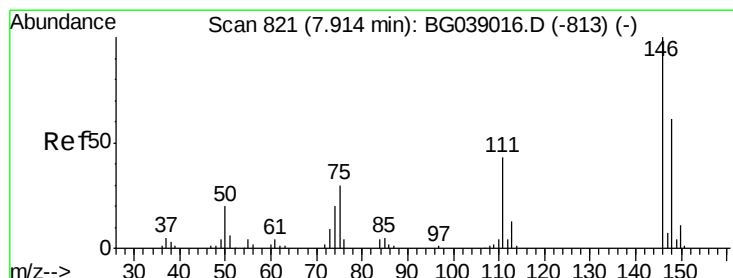
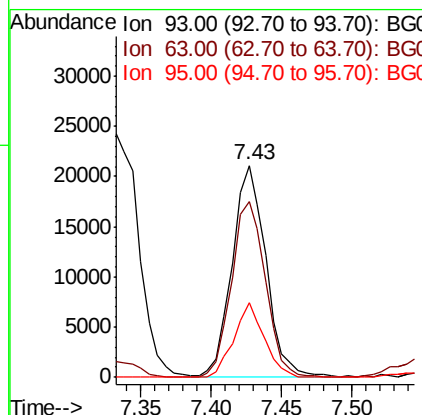
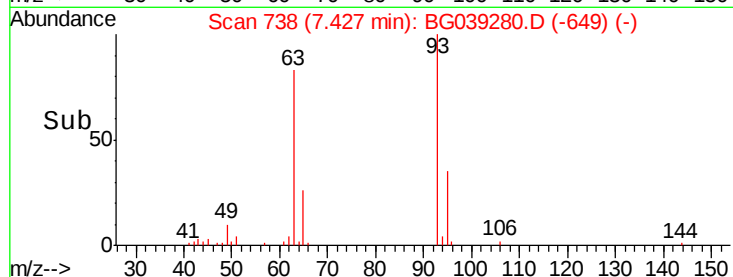
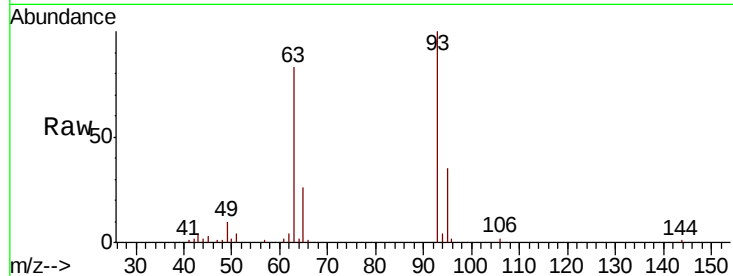




#11
 bis(2-Chloroethyl)ether
 Concen: 29.009 ng
 RT: 7.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

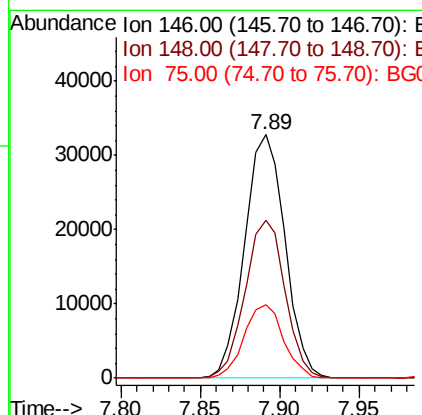
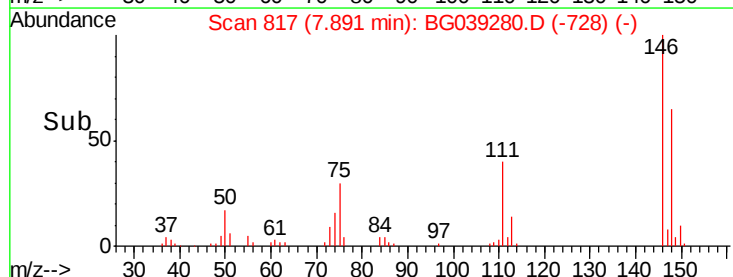
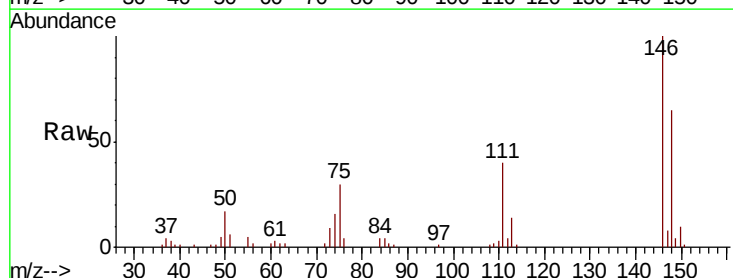
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

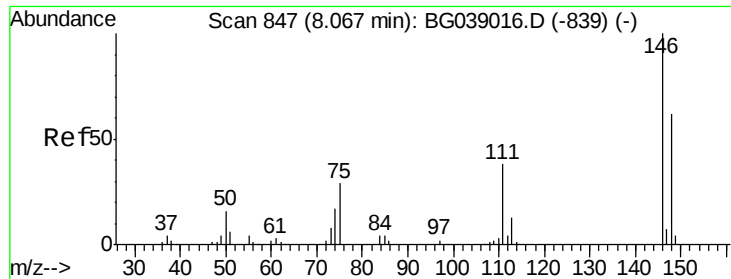
Tgt Ion: 93 Resp: 35320
 Ion Ratio Lower Upper
 93 100
 63 82.9 63.2 103.2
 95 35.0 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.234 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion: 146 Resp: 58062
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.1 73.7
 75 30.3 23.9 35.9

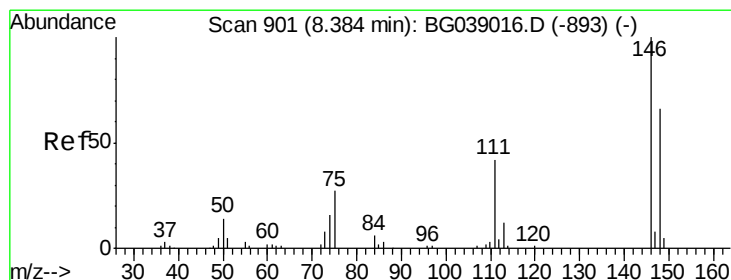
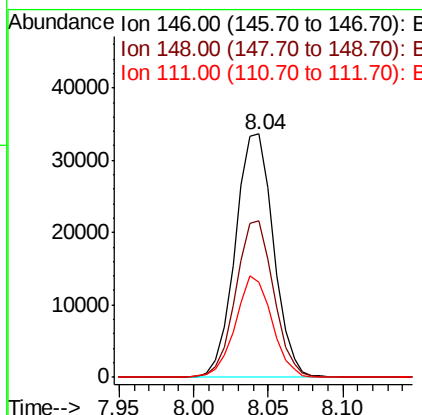
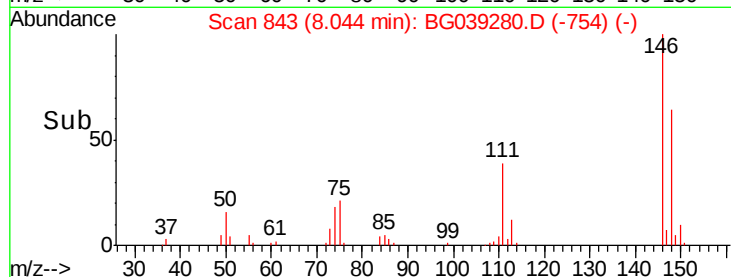
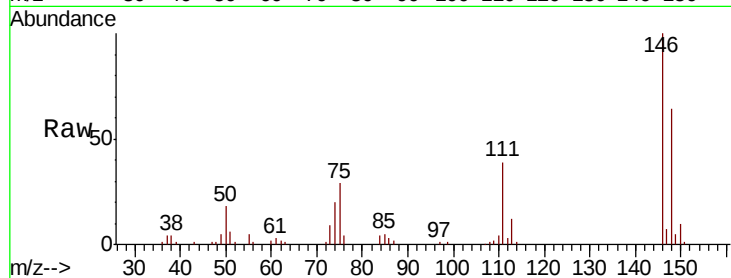




#13
 1,4-Dichlorobenzene
 Concen: 37.835 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

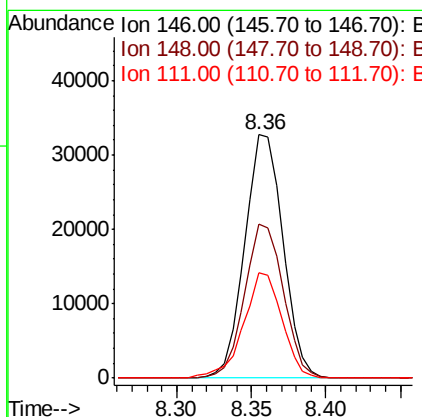
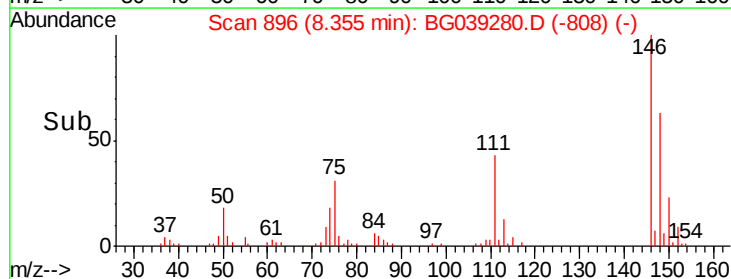
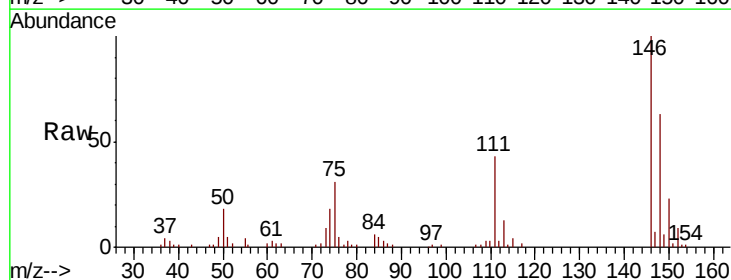
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

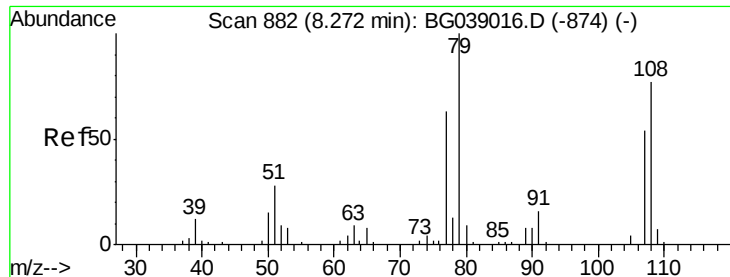
Tgt Ion:146 Resp: 59753
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.8 74.6
 111 39.0 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 38.628 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:146 Resp: 58167
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.6 79.0
 111 43.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.966 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

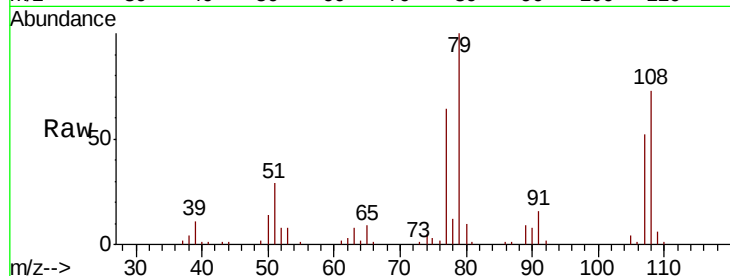
Tgt Ion: 79 Resp: 51414

Ion Ratio Lower Upper

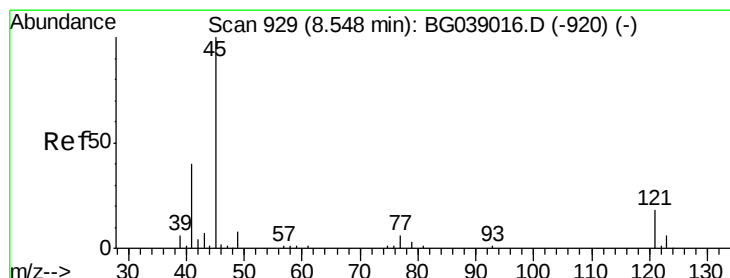
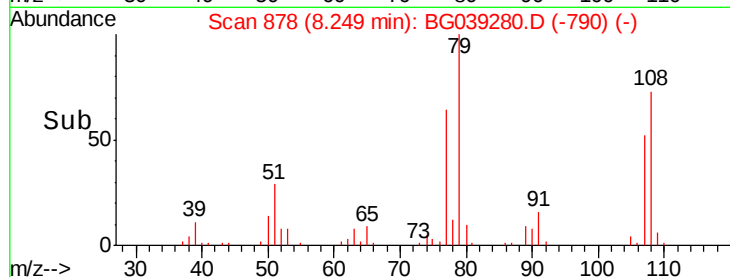
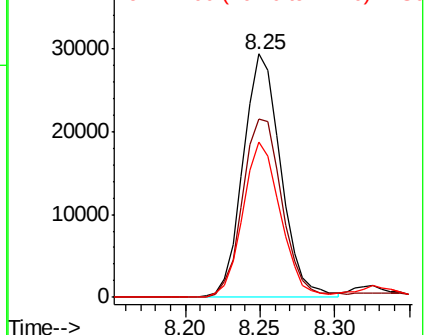
79 100

108 73.1 62.0 93.0

77 63.9 50.1 75.1



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: 42.170 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

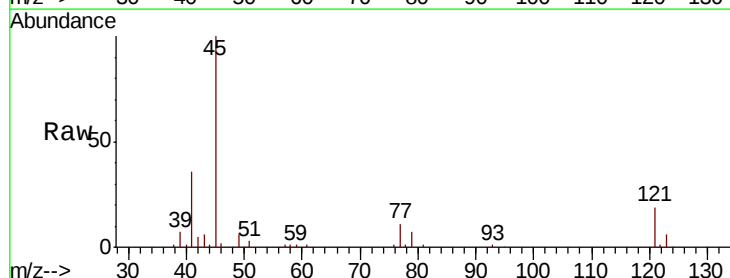
Tgt Ion: 45 Resp: 98456

Ion Ratio Lower Upper

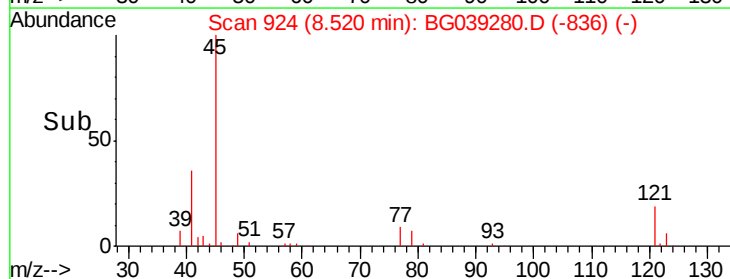
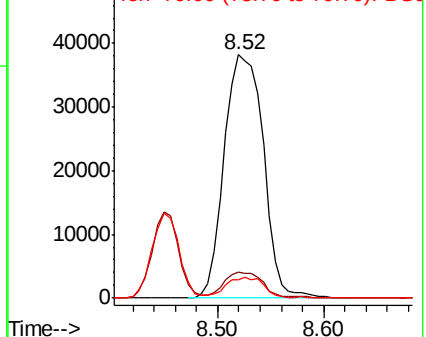
45 100

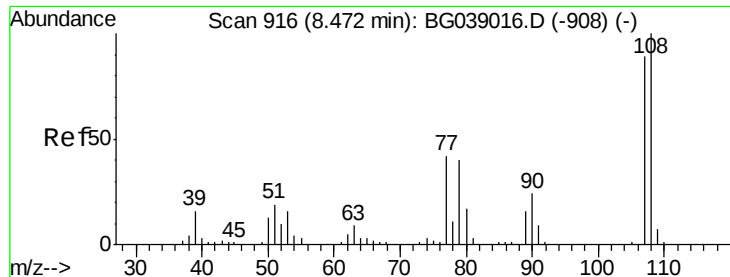
77 10.5 0.0 30.7

79 7.3 0.0 28.5



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

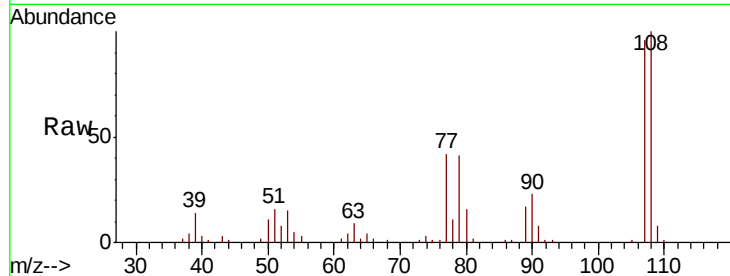




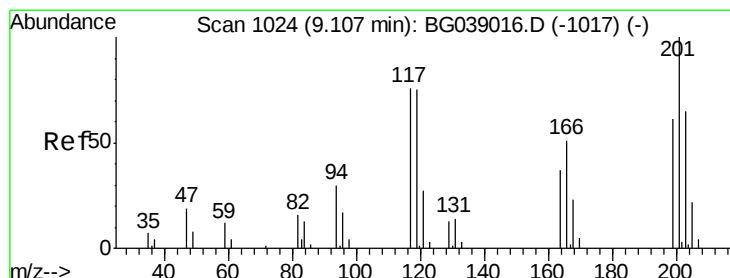
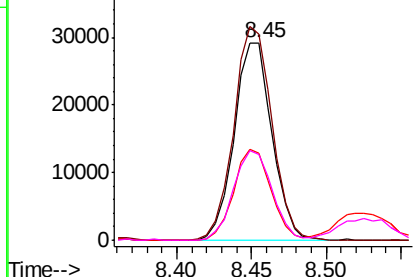
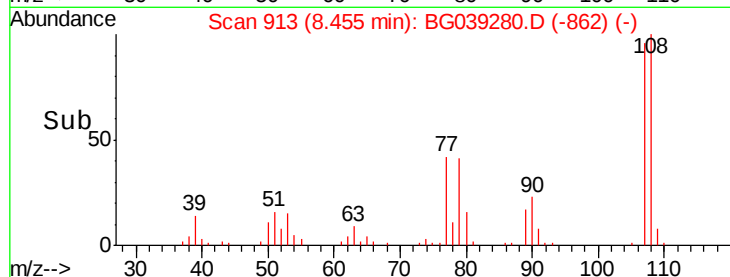
#17
2-Methylphenol
Concen: 46.331 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB116613BS

Tgt Ion:107 Resp: 51251
Ion Ratio Lower Upper
107 100
108 104.7 90.3 135.5
77 44.3 38.3 57.5
79 43.2 35.8 53.6

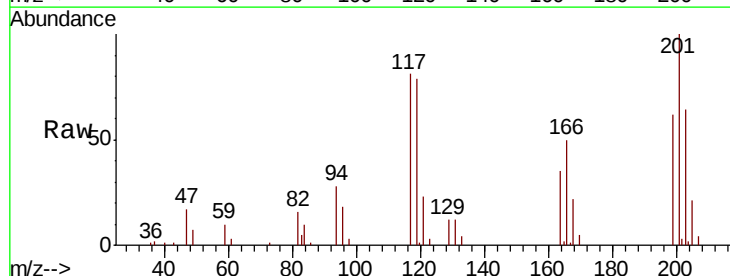


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

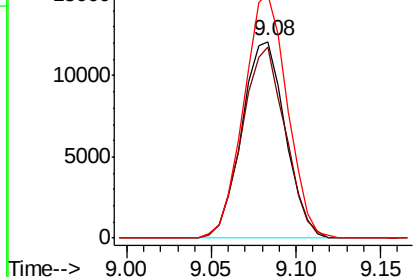
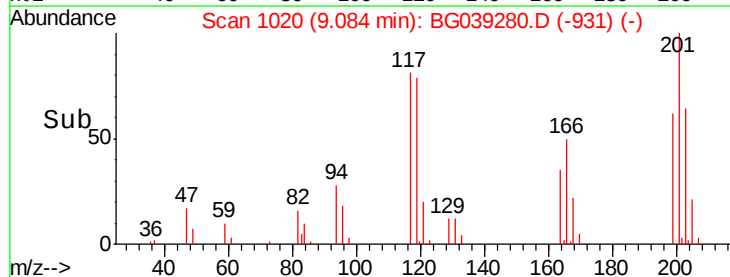


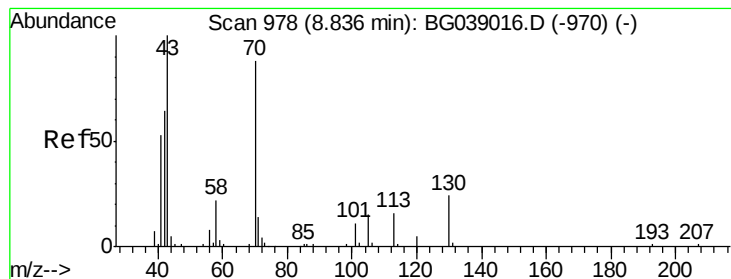
#18
Hexachloroethane
Concen: 40.411 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion:117 Resp: 21682
Ion Ratio Lower Upper
117 100
119 97.2 78.7 118.1
201 127.1 108.1 162.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.742 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

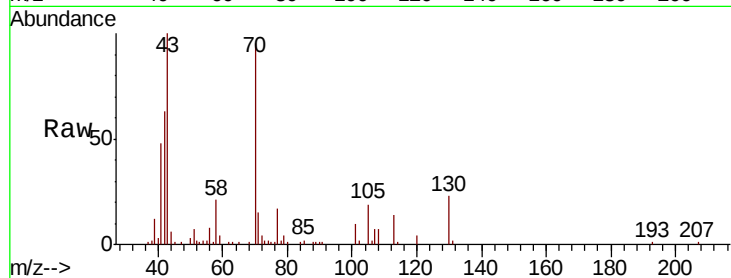
Instrument :

BNA_G

ClientSampleId :

PB116613BS

Tgt Ion:	70	Resp:	42512
Ion	Ratio	Lower	Upper
70	100		
42	66.0	59.0	88.4
101	10.0	10.4	15.6#
130	24.2	21.6	32.4



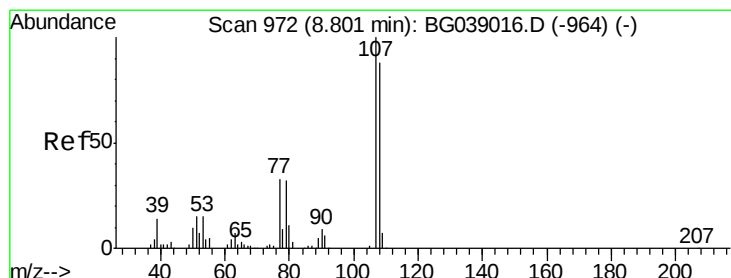
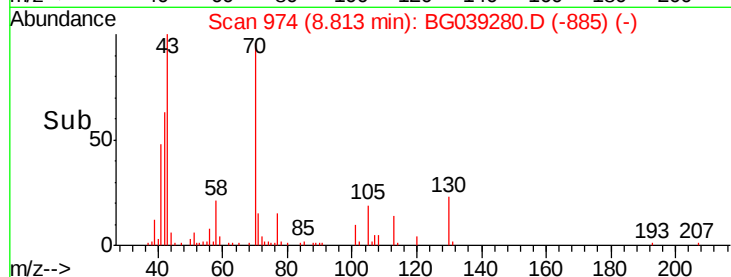
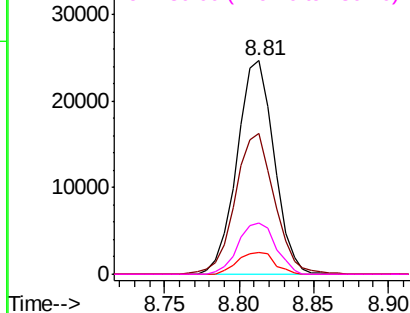
Abundance

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: 43.764 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Tgt Ion:	107	Resp:	69023
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.4	108.4
77	34.2	13.3	53.3
79	28.8	11.6	51.6

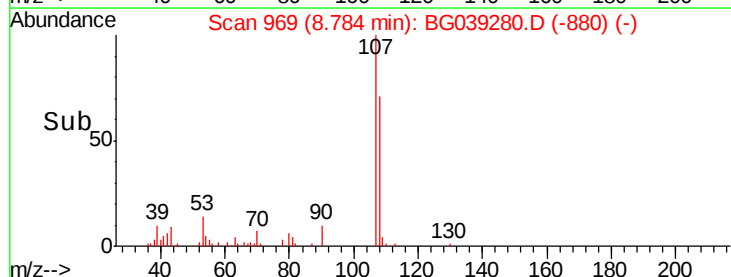
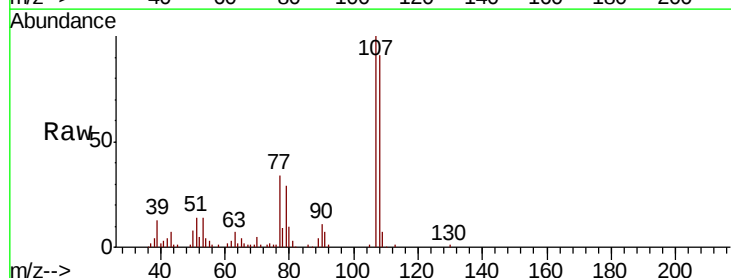
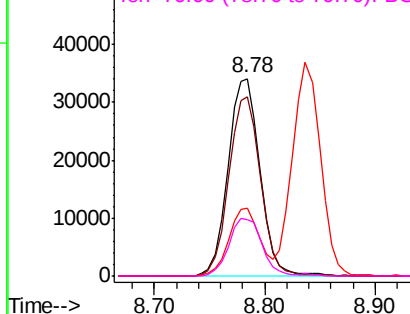
Abundance

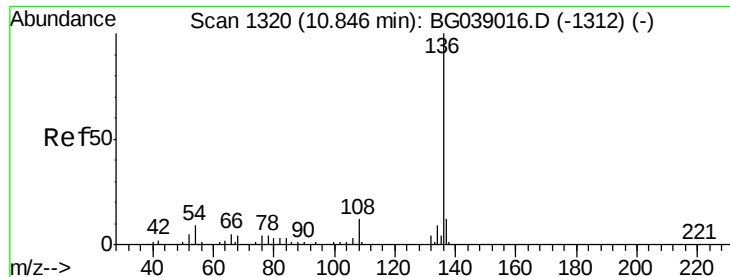
Ion 107.00 (106.70 to 107.70): BGC

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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

Tgt Ion:136 Resp: 74881

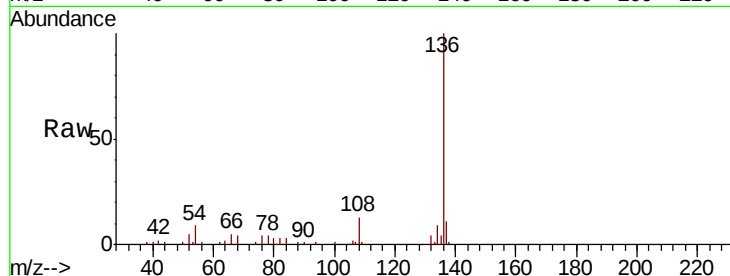
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 9.3 7.2 10.8

68 4.5 3.5 5.3

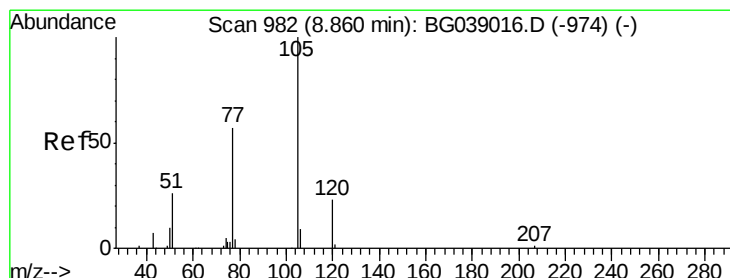
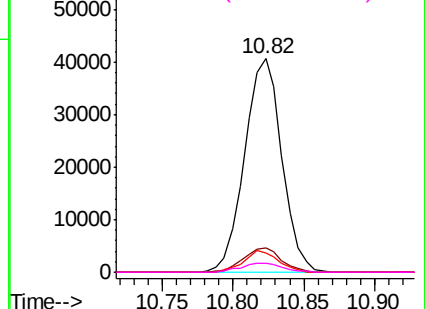
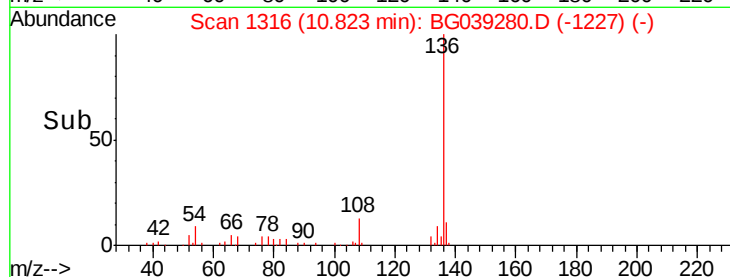


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 43.379 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Tgt Ion:105 Resp: 84828

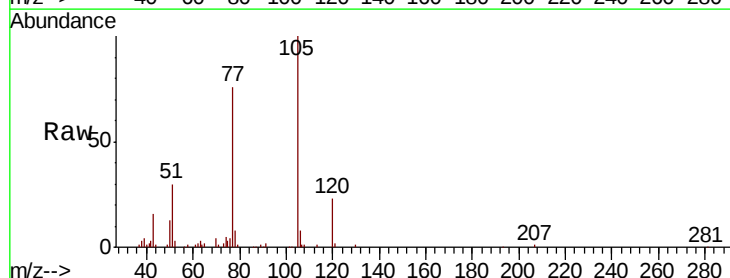
Ion Ratio Lower Upper

105 100

71 0.6 0.6 1.0#

51 30.4 26.6 39.8

120 23.1 17.9 26.9

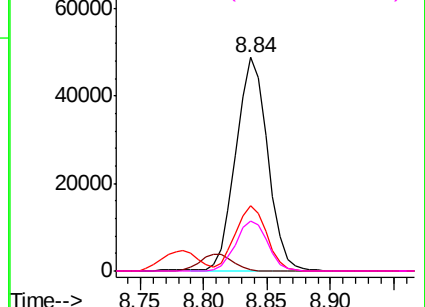
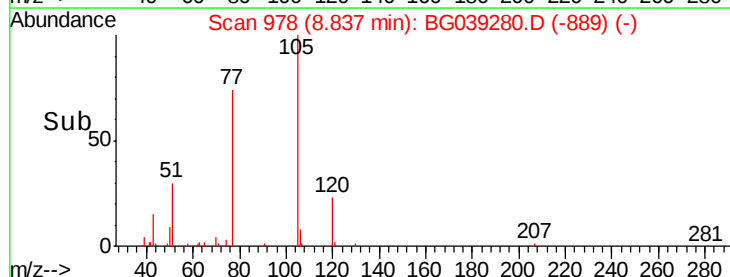


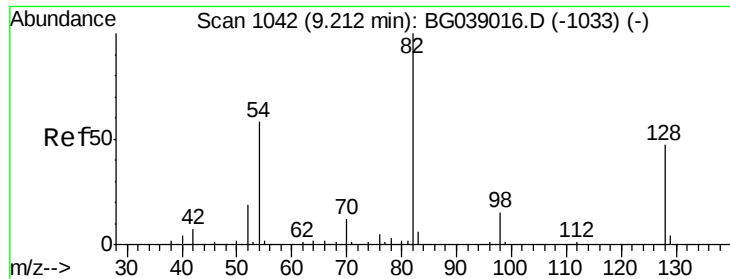
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

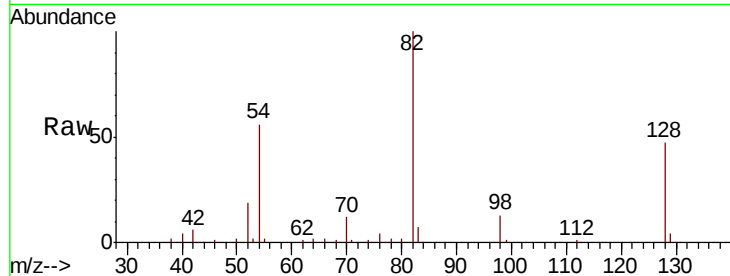




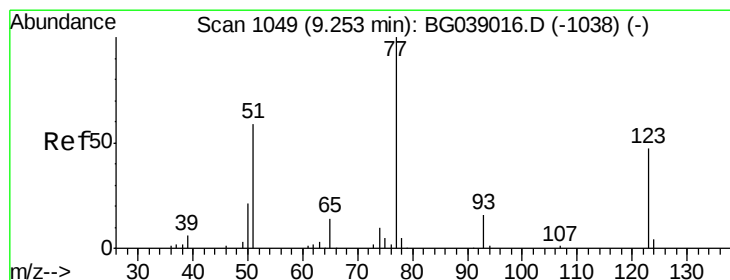
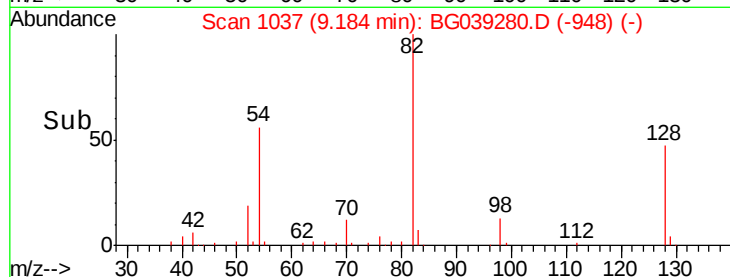
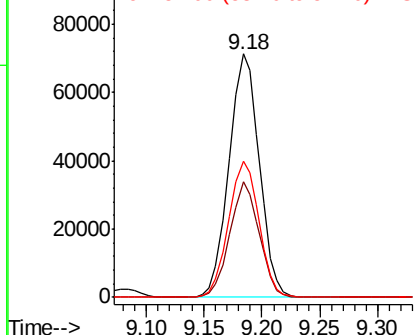
#23
 Nitrobenzene-d5
 Concen: 94.809 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Instrument :
 BNA_G
 ClientSampleID :
 PB116613BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.3	55.9
54	55.8	46.4	69.6

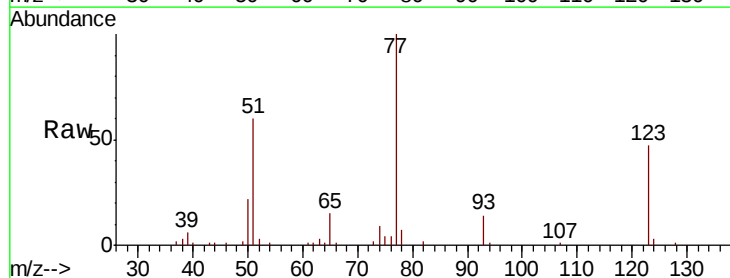


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

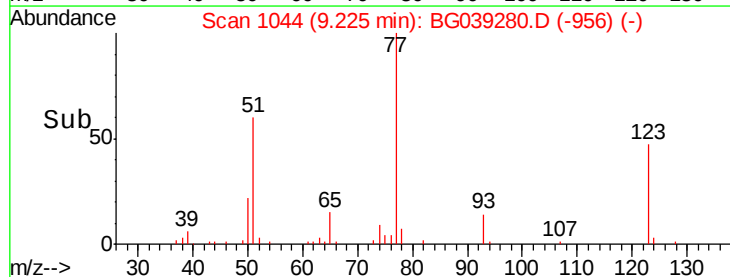
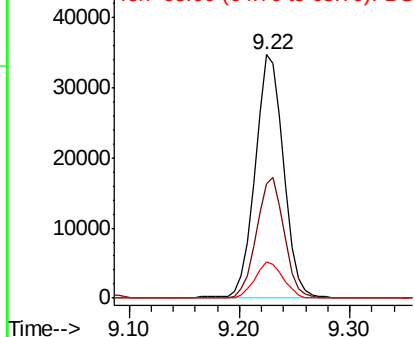


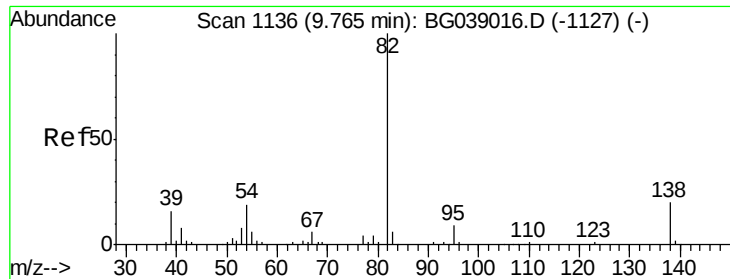
#24
 Nitrobenzene
 Concen: 45.422 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.6	56.4
65	14.8	11.0	16.6



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





#25

Isophorone

Concen: 51.799 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

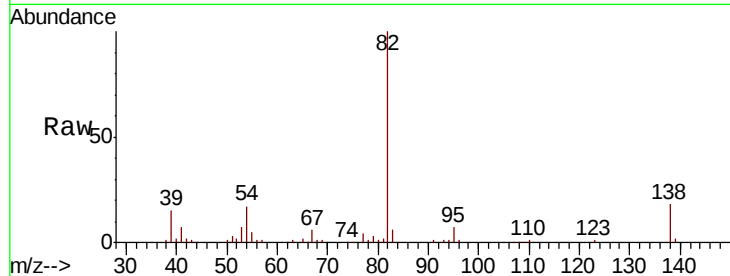
Tgt Ion: 82 Resp: 122101

Ion Ratio Lower Upper

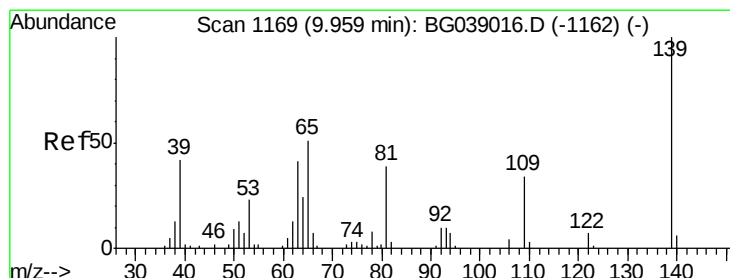
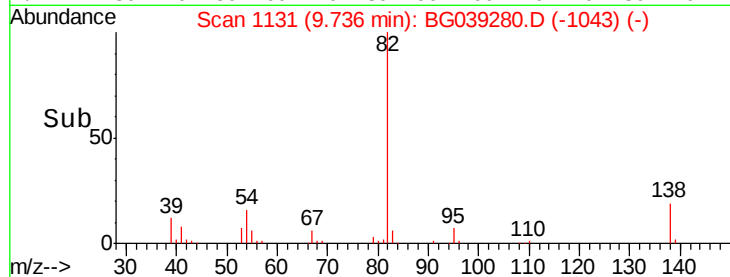
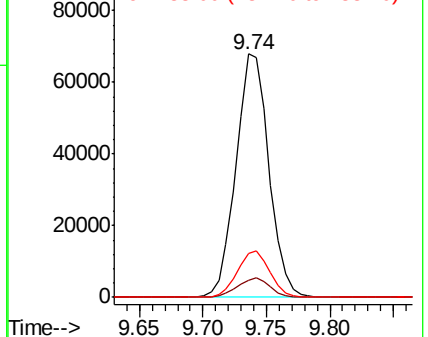
82 100

95 6.9 7.0 10.6#

138 18.3 16.2 24.4



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



#26

2-Nitrophenol

Concen: 45.448 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

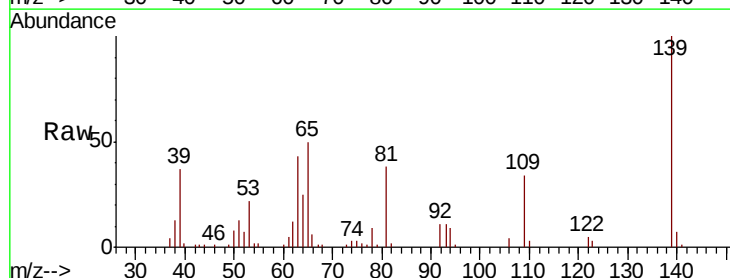
Tgt Ion: 139 Resp: 34002

Ion Ratio Lower Upper

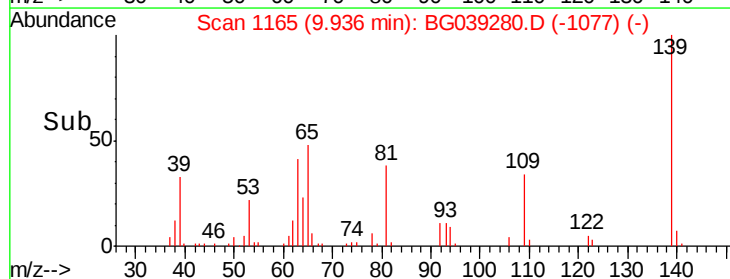
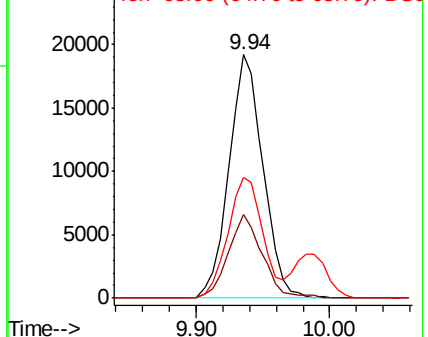
139 100

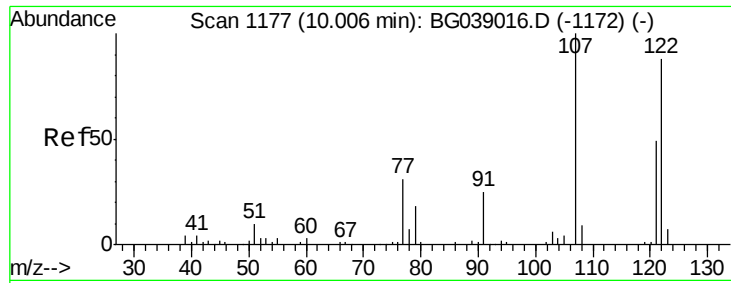
109 34.1 27.3 40.9

65 49.6 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

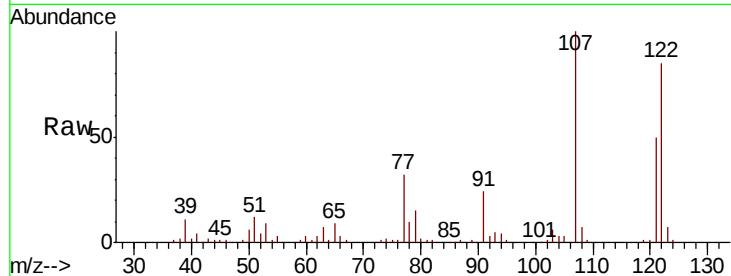




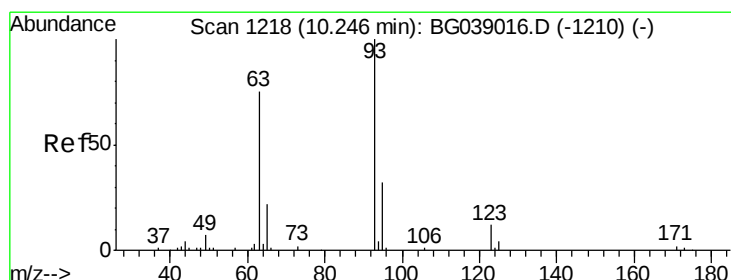
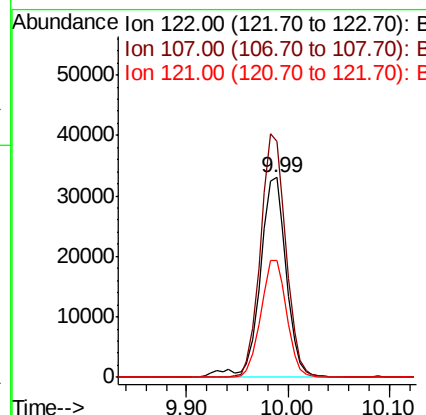
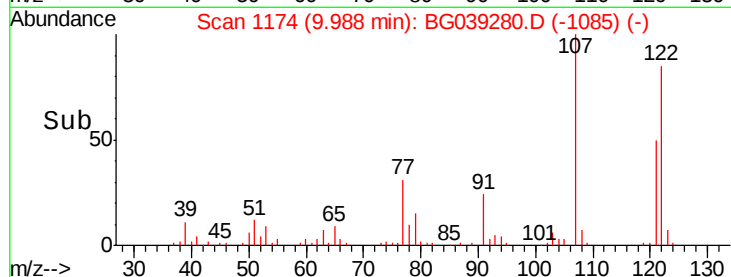
#27
 2,4-Dimethylphenol
 Concen: 56.268 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

Tgt Ion: 122 Resp: 59226
 Ion Ratio Lower Upper
 122 100
 107 118.3 88.8 133.2
 121 58.7 43.1 64.7

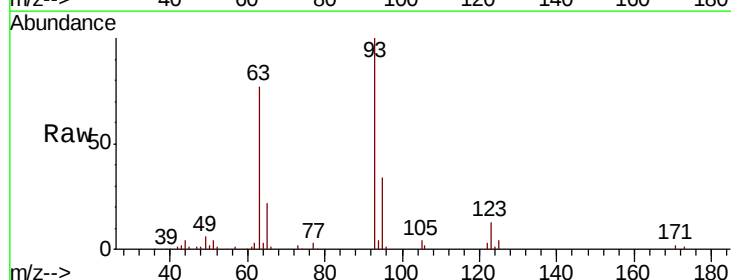


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

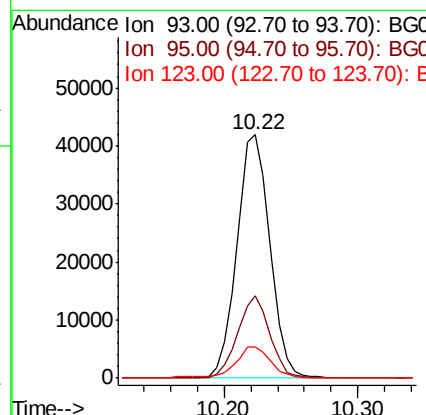
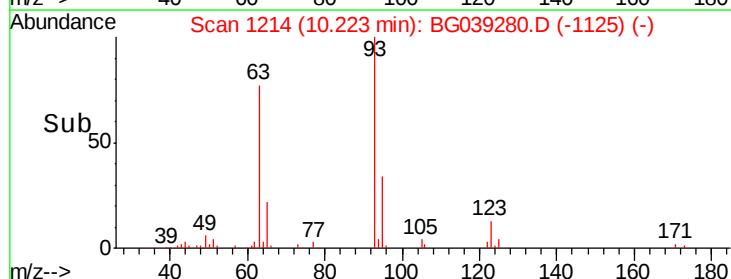


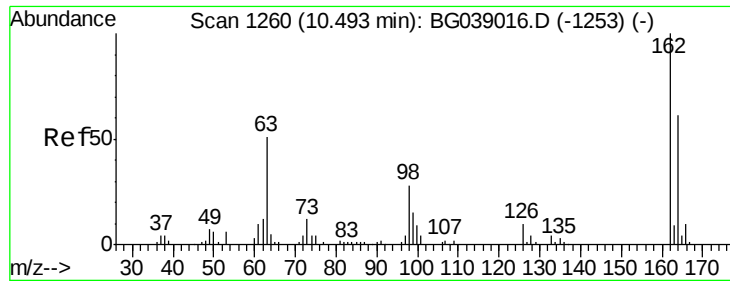
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.632 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion: 93 Resp: 71731
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.6 38.4
 123 12.7 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

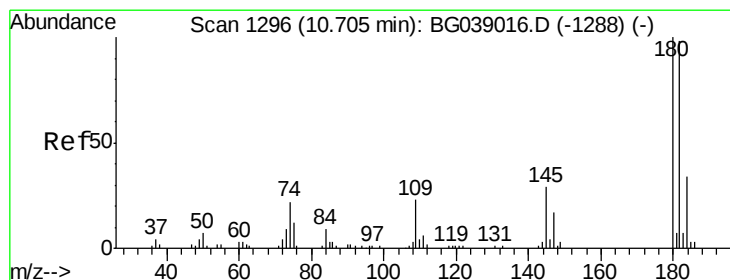
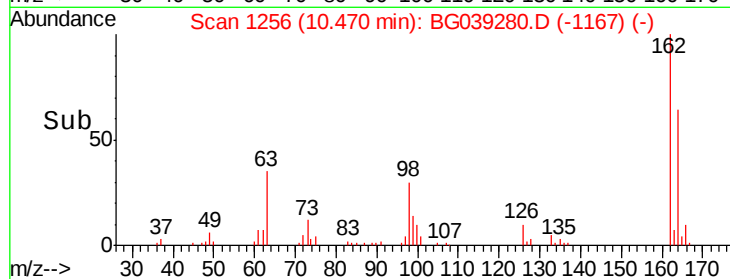
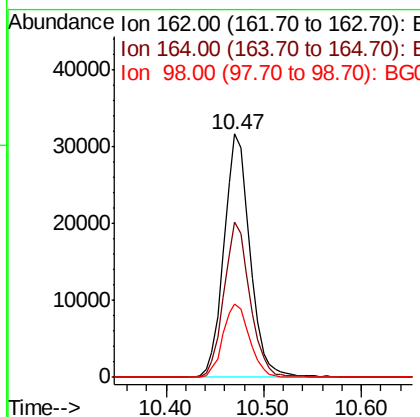
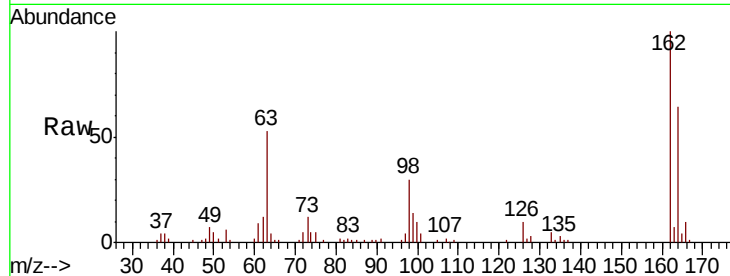




#29
 2,4-Dichlorophenol
 Concen: 44.624 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

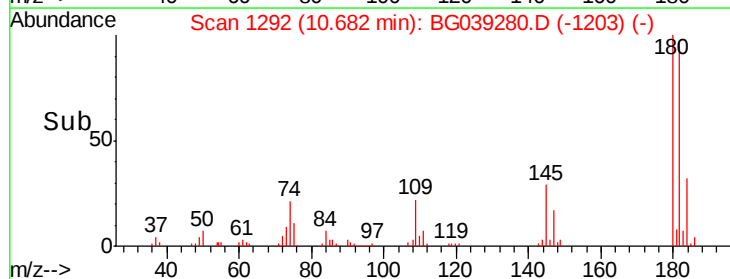
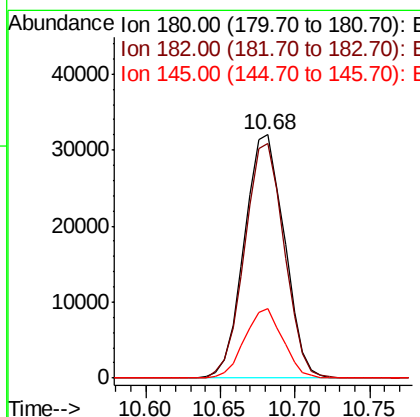
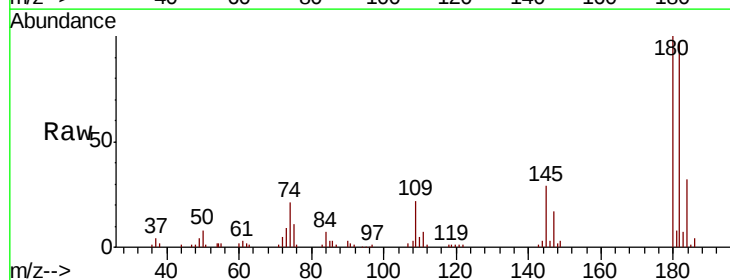
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

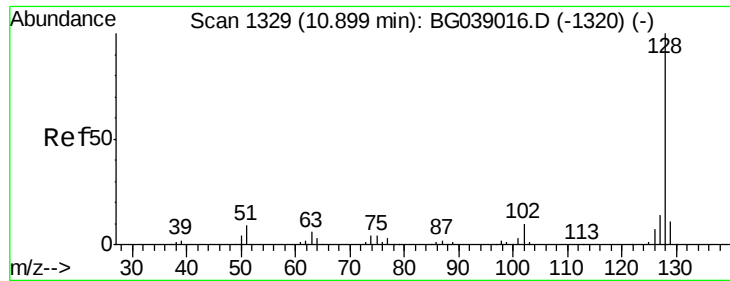
Tgt Ion:162 Resp: 58352
 Ion Ratio Lower Upper
 162 100
 164 63.9 41.3 81.3
 98 30.3 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.796 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:180 Resp: 59383
 Ion Ratio Lower Upper
 180 100
 182 96.5 78.1 117.1
 145 28.7 23.1 34.7

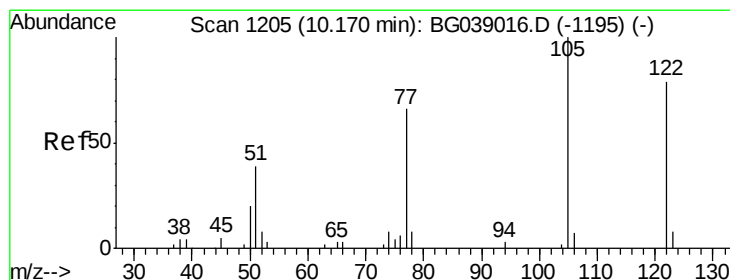
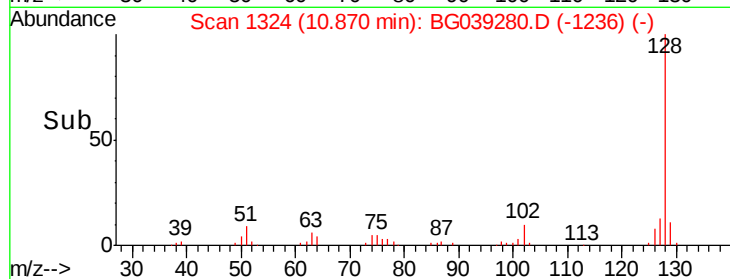
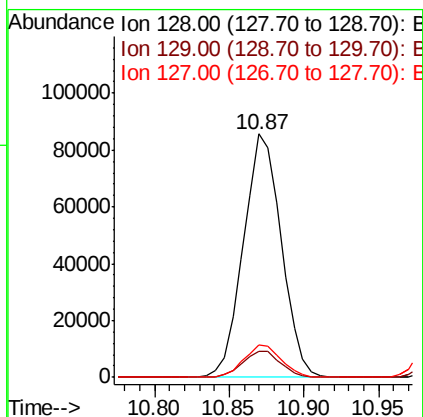
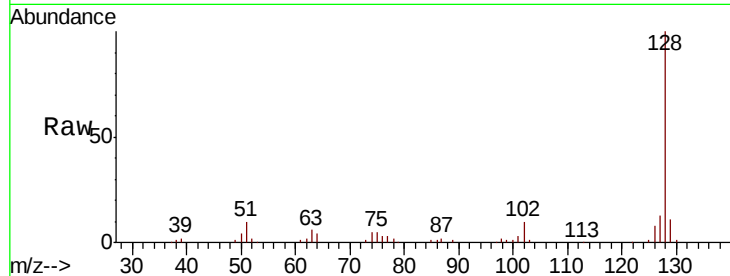




#31
Naphthalene
Concen: 40.034 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

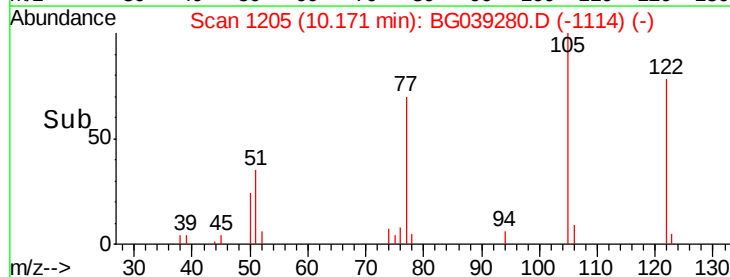
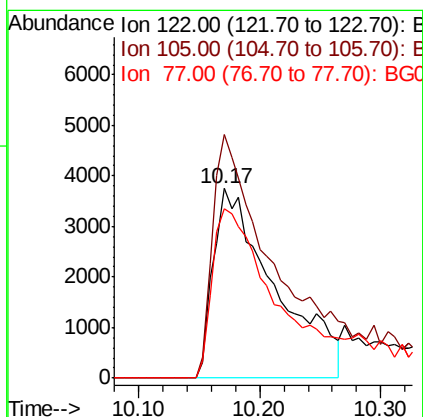
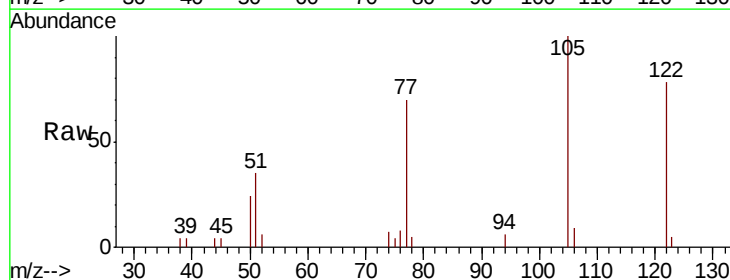
Instrument :
BNA_G
ClientSampleId :
PB116613BS

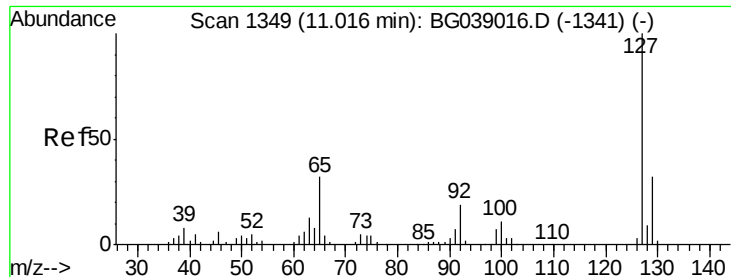
Tgt Ion:128 Resp: 150351
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 11.2 16.8



#32
Benzoic acid
Concen: 25.847 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion:122 Resp: 13218
Ion Ratio Lower Upper
122 100
105 128.5 106.4 146.4
77 89.3 63.6 103.6

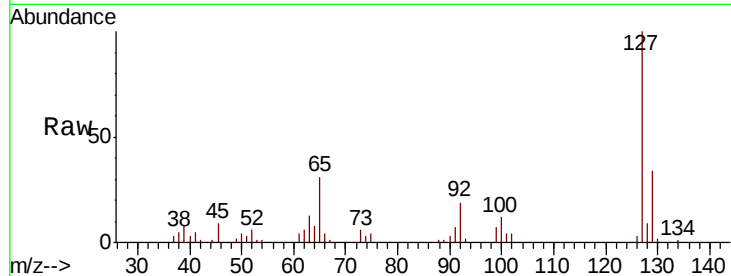




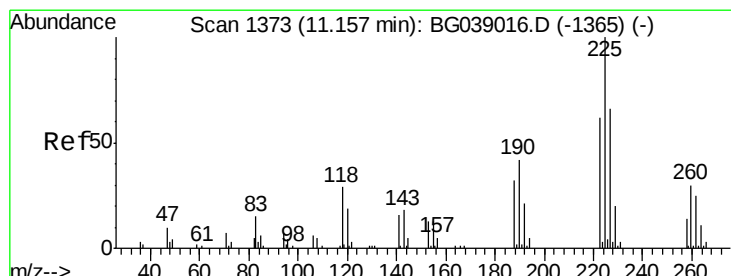
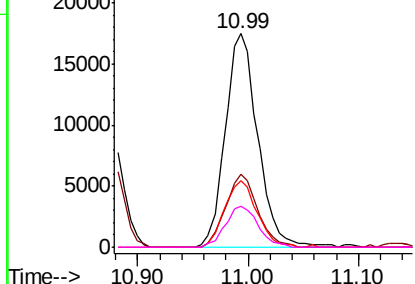
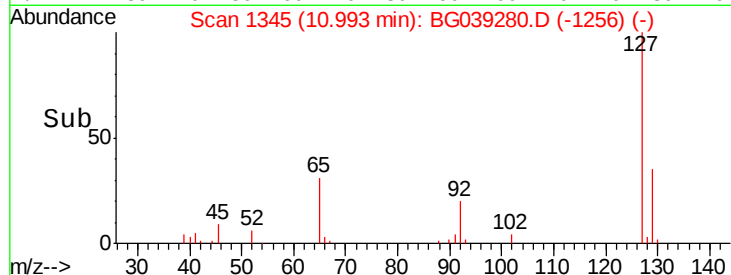
#33
4-Chloroaniline
Concen: 21.371 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB116613BS

Tgt Ion:	127	Resp:	35913
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.0
65	31.0	25.4	38.0
92	19.2	15.2	22.8

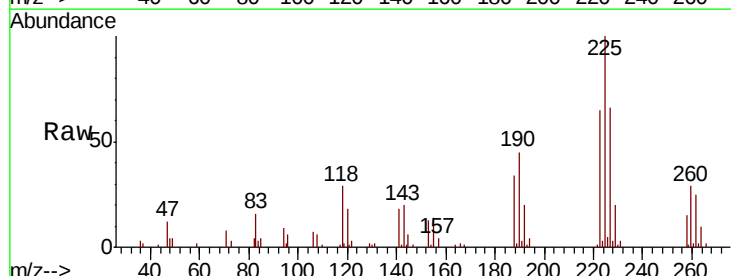


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

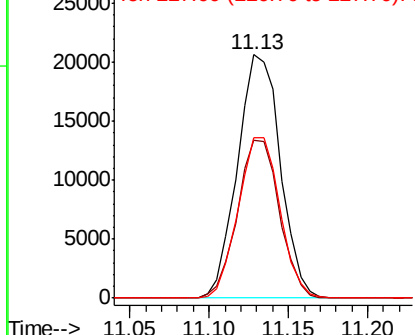
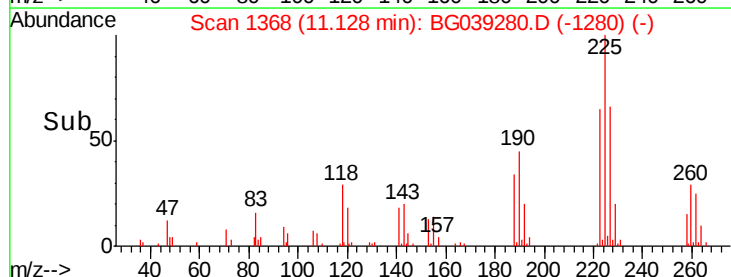


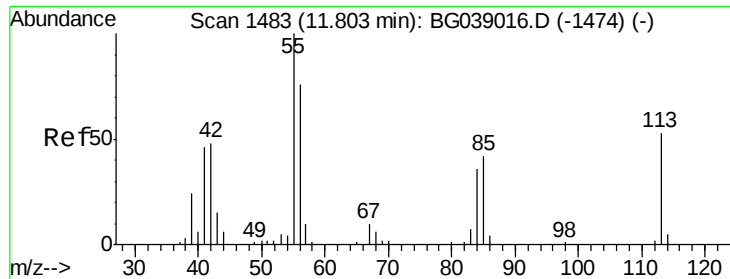
#34
Hexachlorobutadiene
Concen: 35.808 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion:	225	Resp:	38712
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	65.9	53.2	79.8



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: 16.708 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

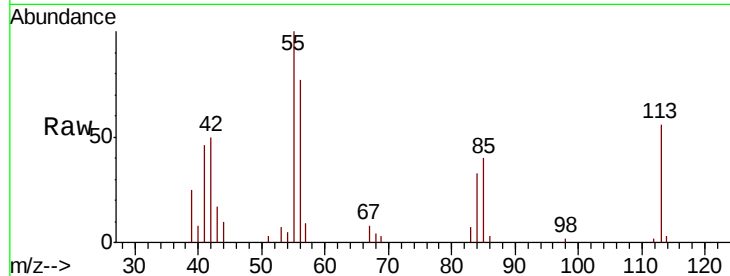
Tgt Ion:113 Resp: 8761

Ion Ratio Lower Upper

113 100

55 177.4 168.6 208.6

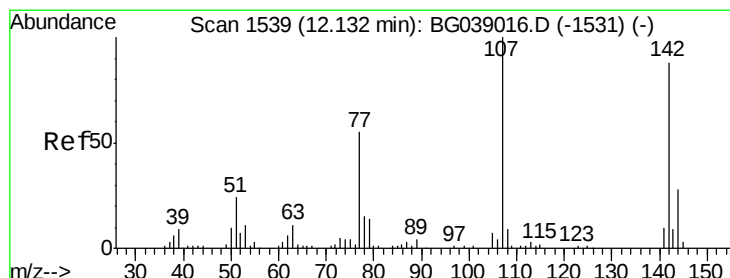
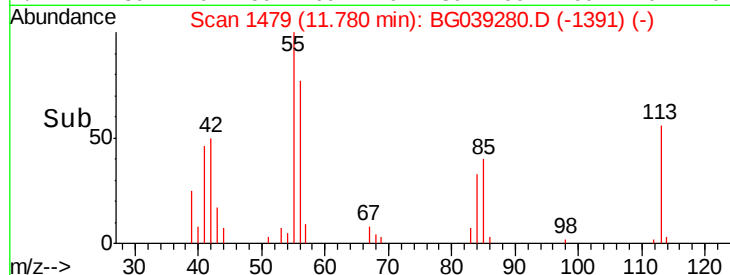
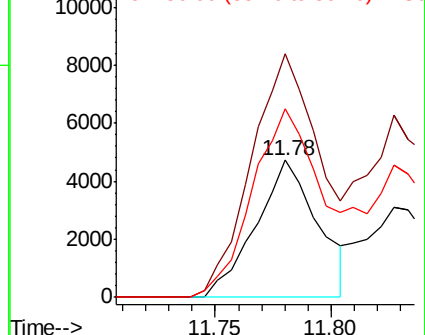
56 137.3 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 35.859 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

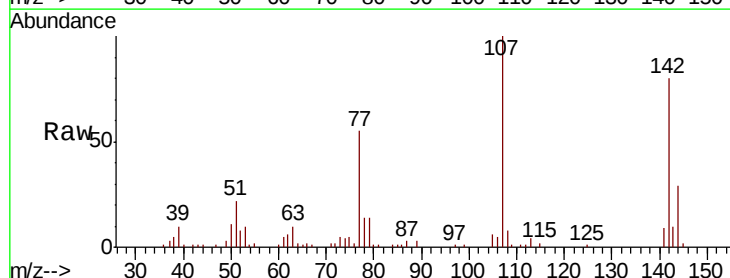
Tgt Ion:107 Resp: 50152

Ion Ratio Lower Upper

107 100

144 28.6 22.6 34.0

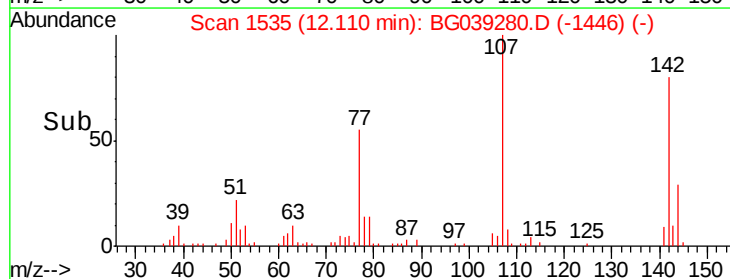
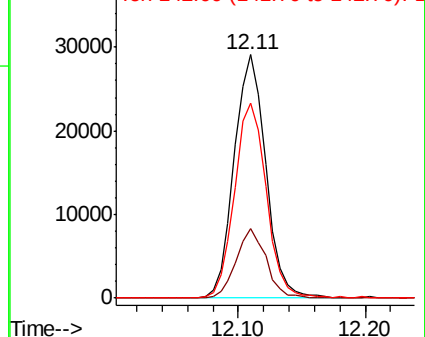
142 80.2 70.2 105.4

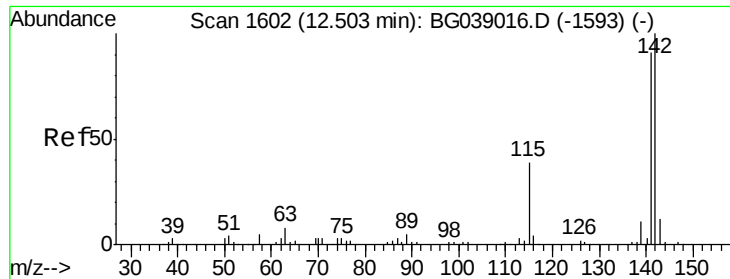


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

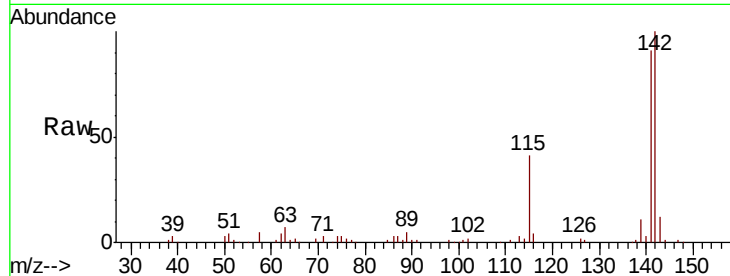




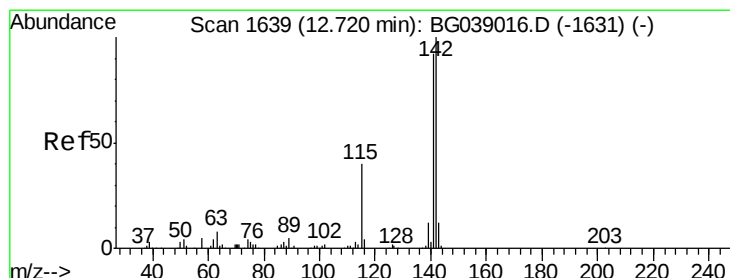
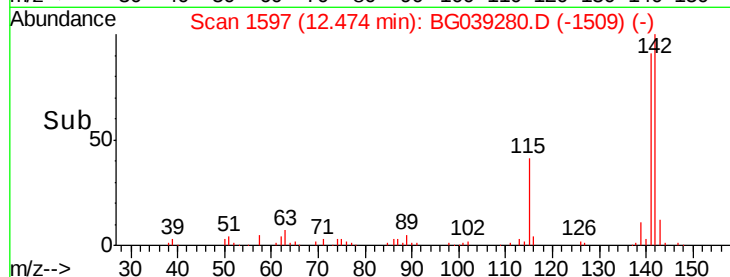
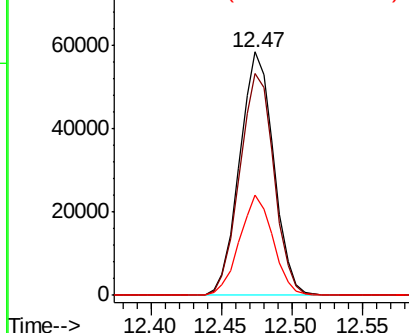
#37
 2-Methylnaphthalene
 Concen: 35.060 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

Tgt Ion:142 Resp: 98720
 Ion Ratio Lower Upper
 142 100
 141 91.2 72.6 109.0
 115 41.0 31.1 46.7

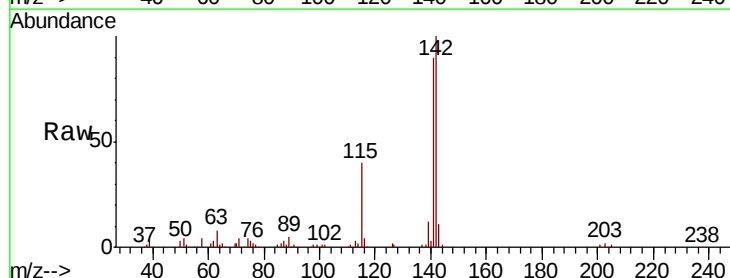


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

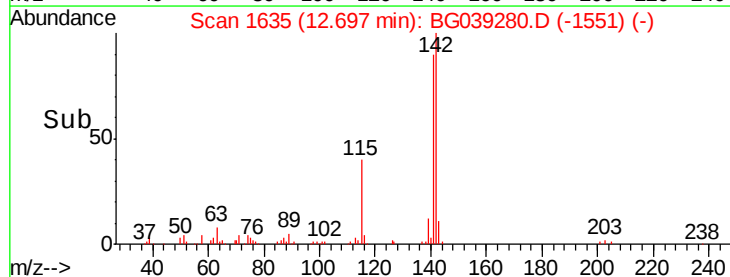
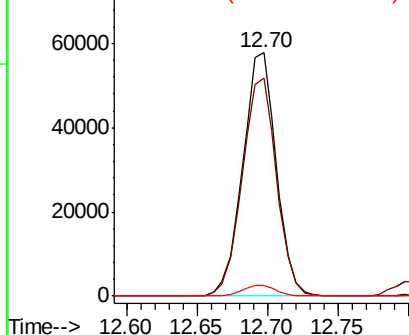


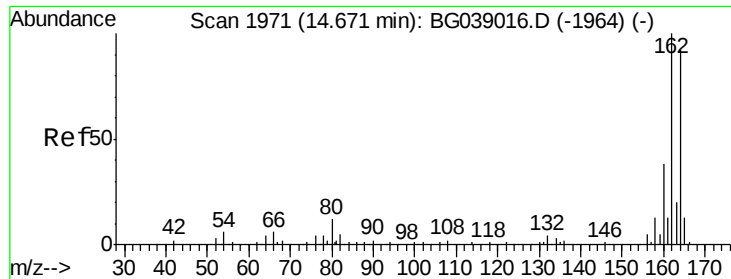
#38
 1-Methylnaphthalene
 Concen: 35.502 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:142 Resp: 95949
 Ion Ratio Lower Upper
 142 100
 141 89.8 73.3 109.9
 116 4.4 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

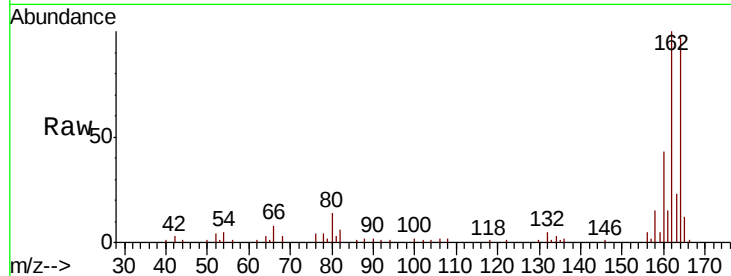
Tgt Ion:164 Resp: 46522

Ion Ratio Lower Upper

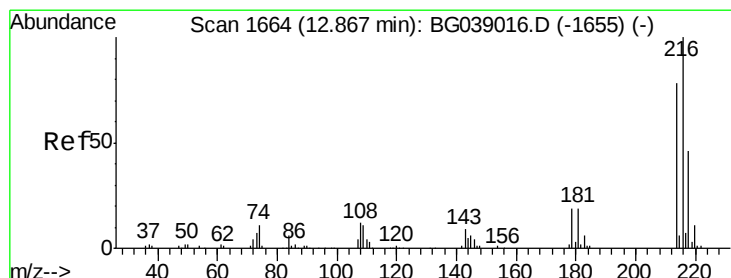
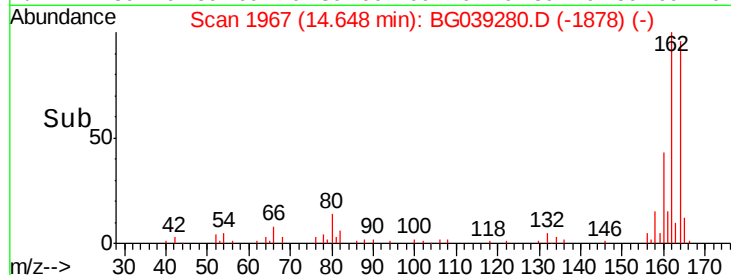
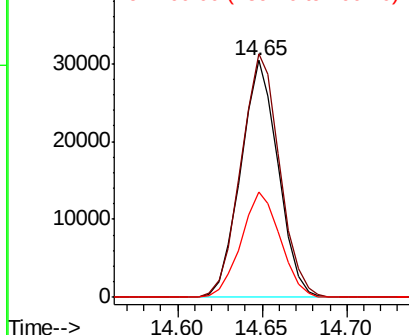
164 100

162 102.9 87.2 130.8

160 44.5 33.3 49.9



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: 37.056 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Tgt Ion:216 Resp: 64744

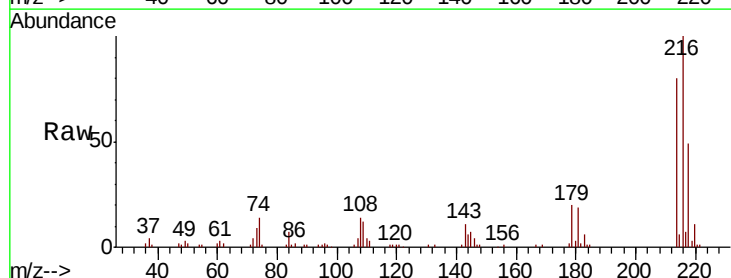
Ion Ratio Lower Upper

216 100

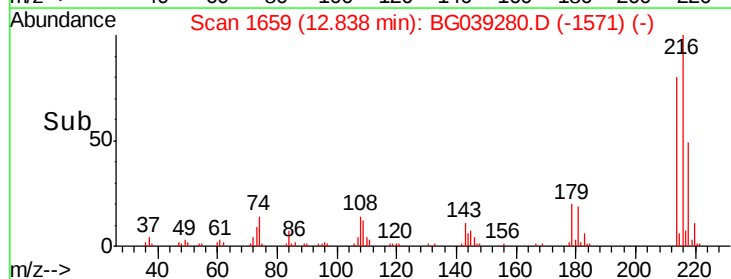
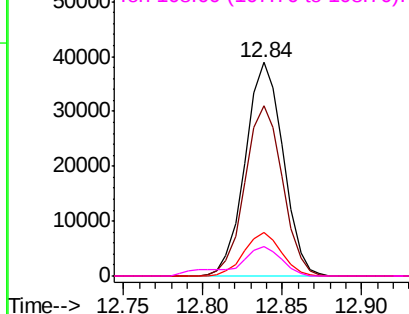
214 78.7 63.4 95.2

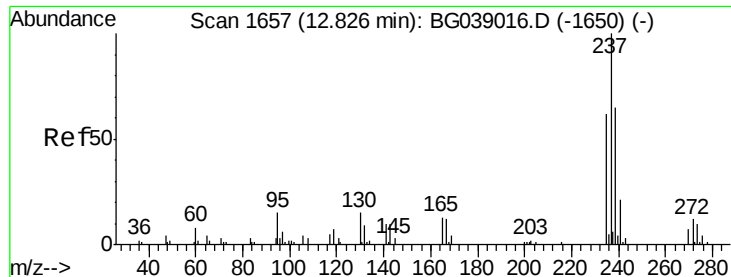
179 19.8 15.5 23.3

108 16.2 11.4 17.2



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: 67.943 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

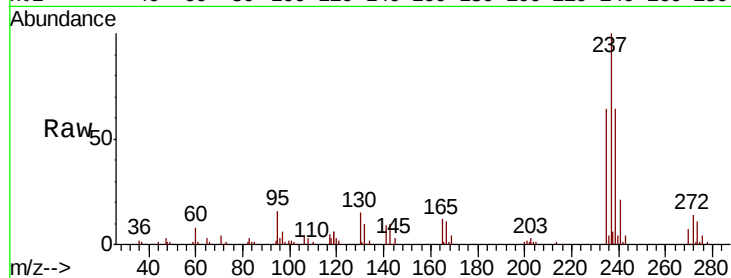
Tgt Ion:237 Resp: 65941

Ion Ratio Lower Upper

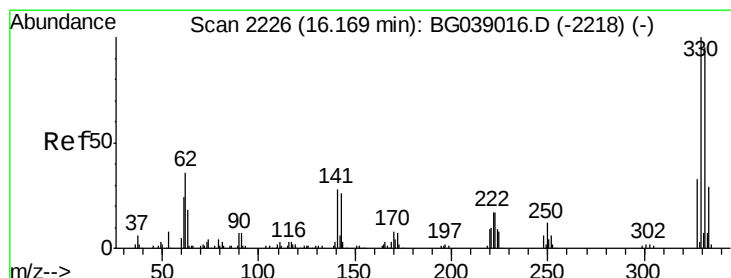
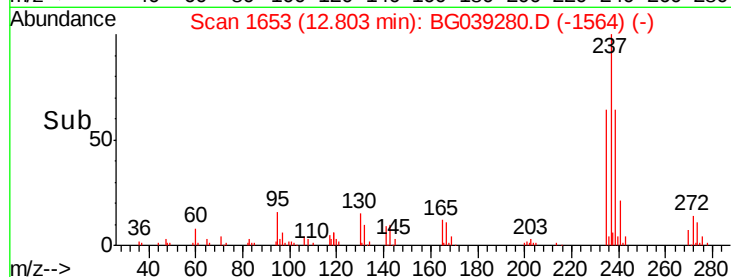
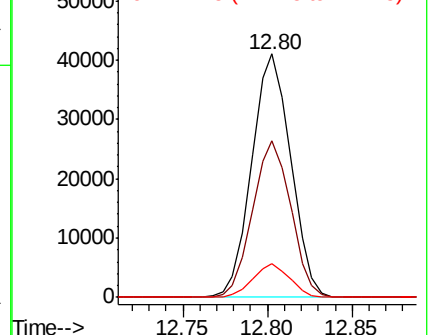
237 100

235 64.4 41.7 81.7

272 13.8 0.0 32.1



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



#42

2,4,6-Tribromophenol

Concen: 147.132 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

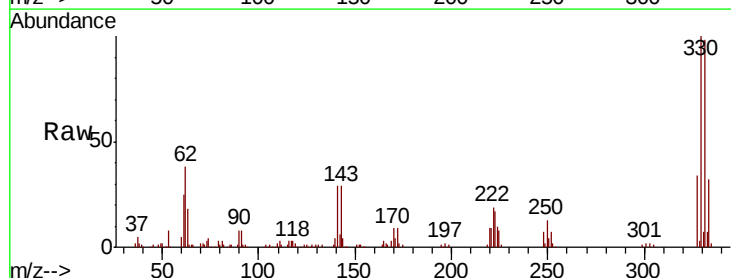
Tgt Ion:330 Resp: 114739

Ion Ratio Lower Upper

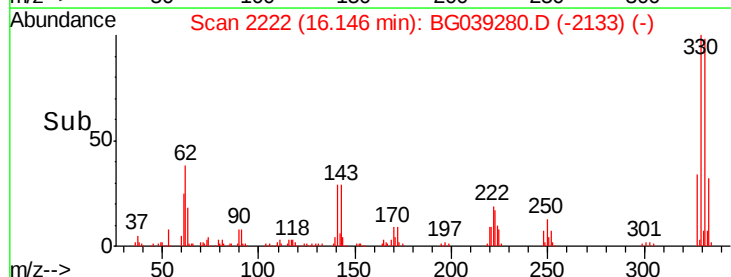
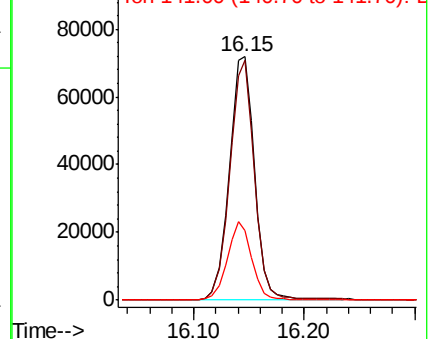
330 100

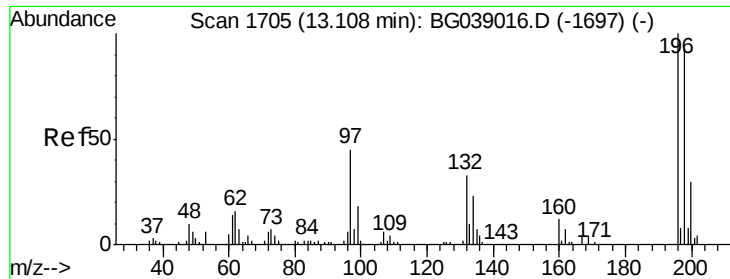
332 96.4 75.7 113.5

141 31.0 24.9 37.3



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

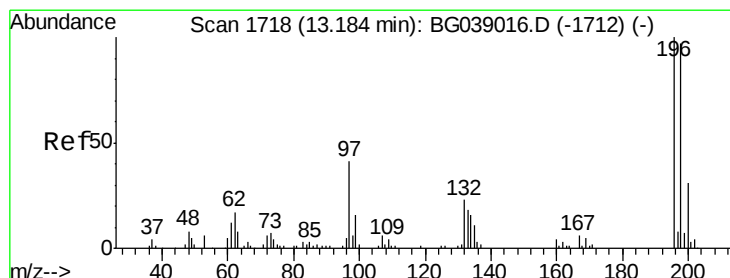
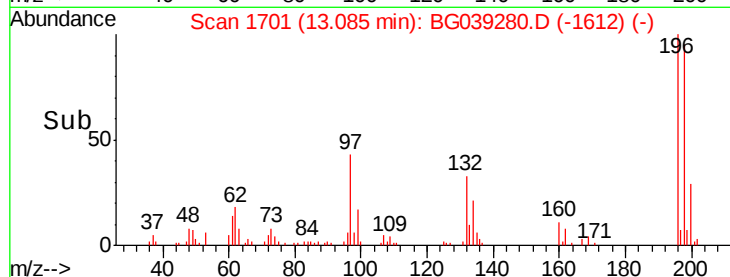
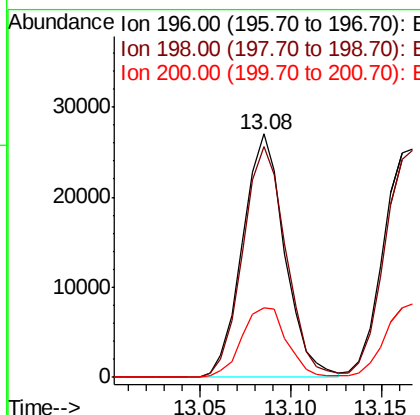
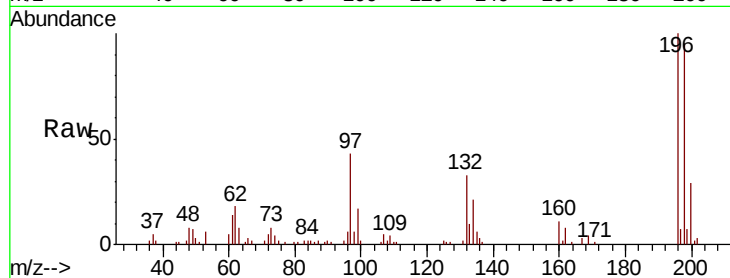




#43
 2,4,6-Trichlorophenol
 Concen: 39.841 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

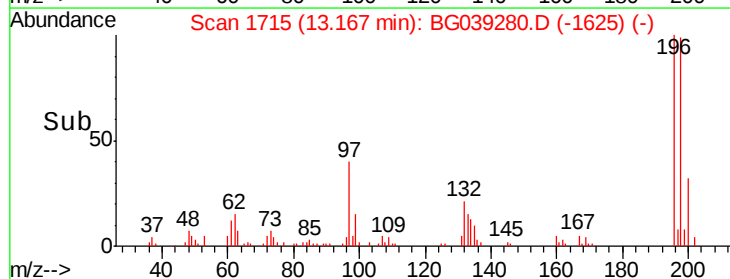
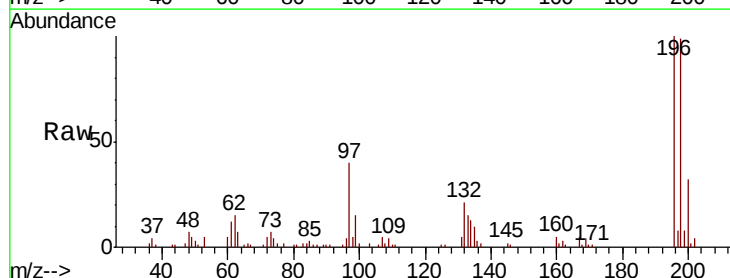
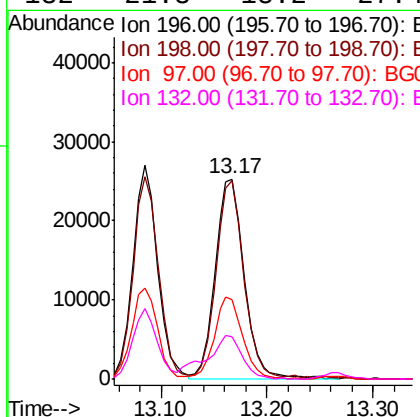
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

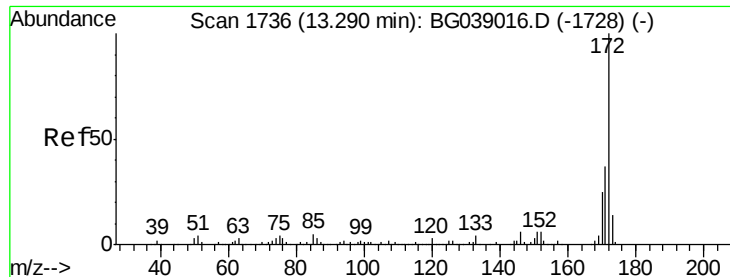
Tgt Ion:196 Resp: 43810
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.5 111.7
 200 28.8 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.938 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:196 Resp: 48741
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.1 117.1
 97 39.9 33.2 49.8
 132 21.3 18.2 27.4

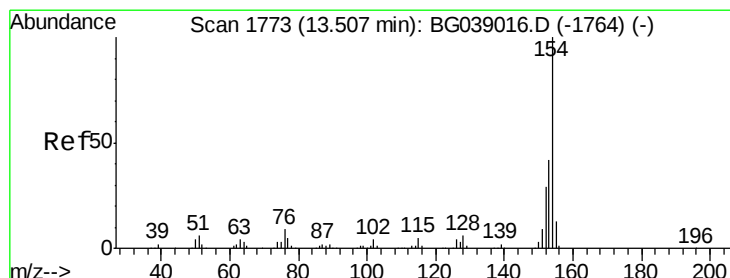
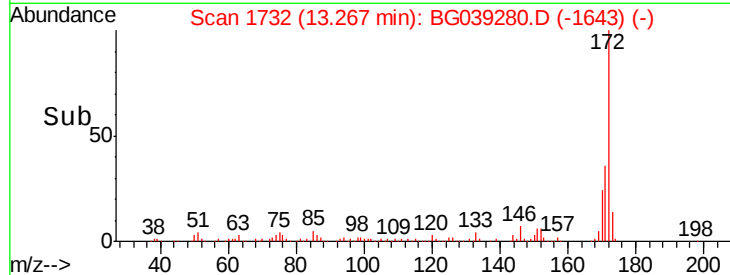
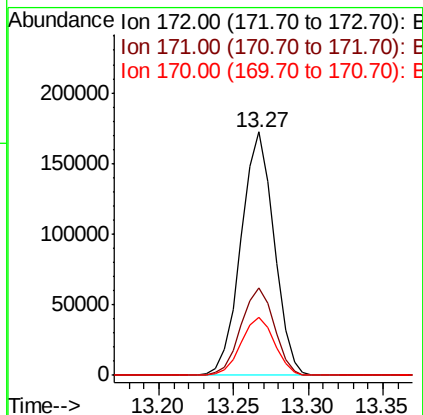
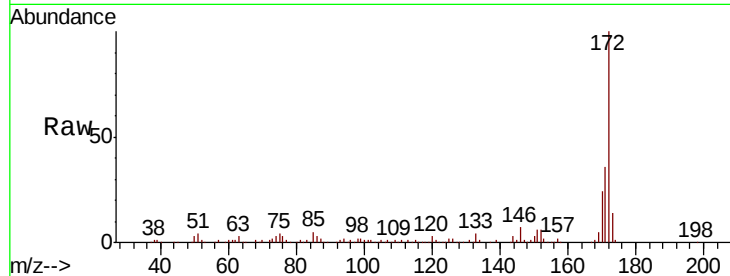




#45
 2-Fluorobiphenyl
 Concen: 77.745 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

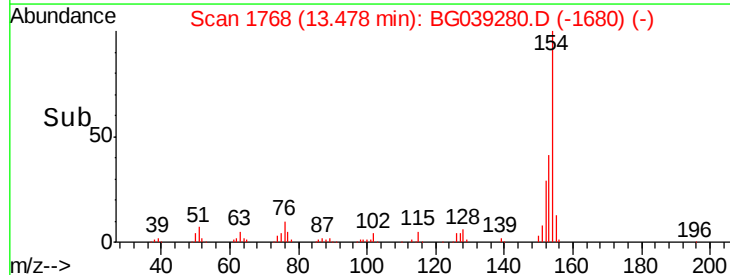
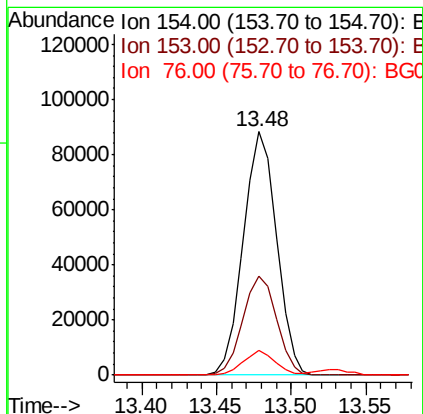
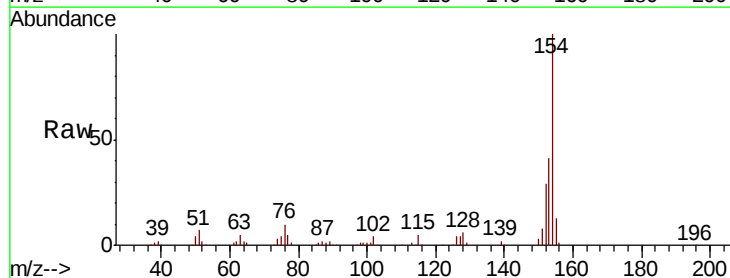
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

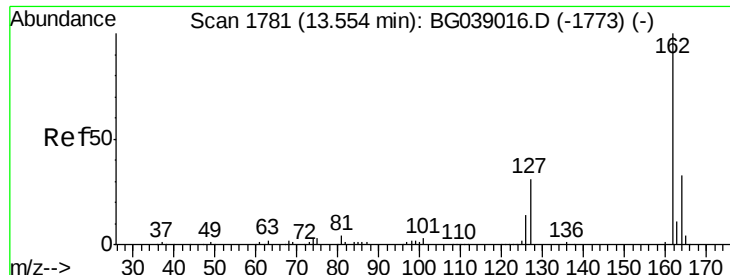
Tgt Ion:172 Resp: 264280
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.7 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 36.945 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:154 Resp: 136190
 Ion Ratio Lower Upper
 154 100
 153 40.8 22.4 62.4
 76 10.1 0.0 29.4

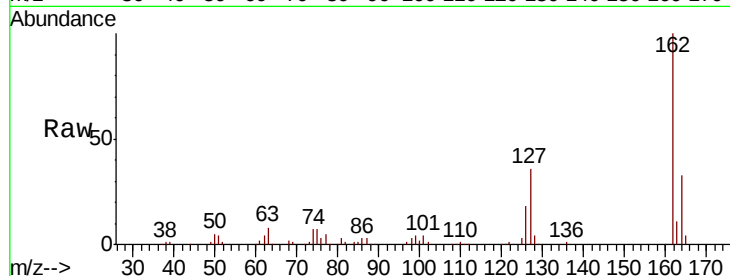




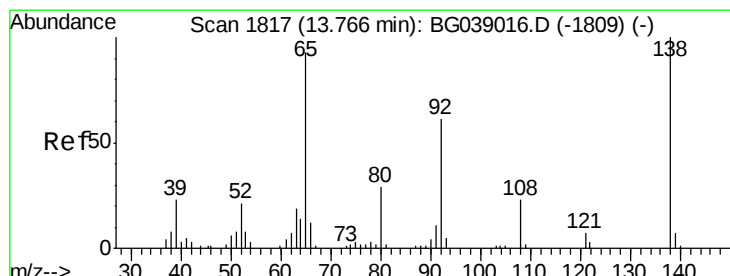
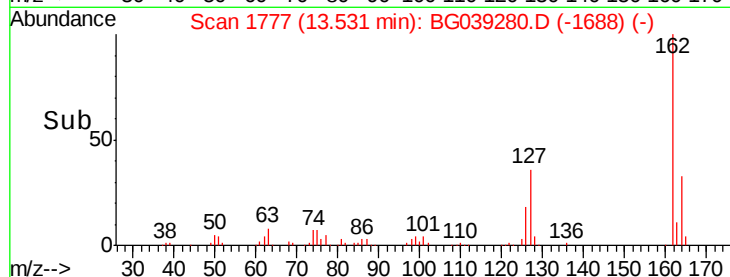
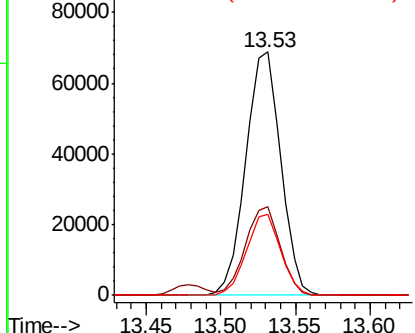
#47
 2-Chloronaphthalene
 Concen: 37.385 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

Tgt Ion: 162 Resp: 111522
 Ion Ratio Lower Upper
 162 100
 127 36.3 28.4 42.6
 164 33.3 26.3 39.5

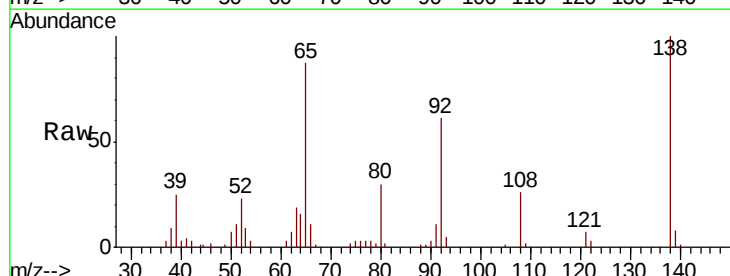


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

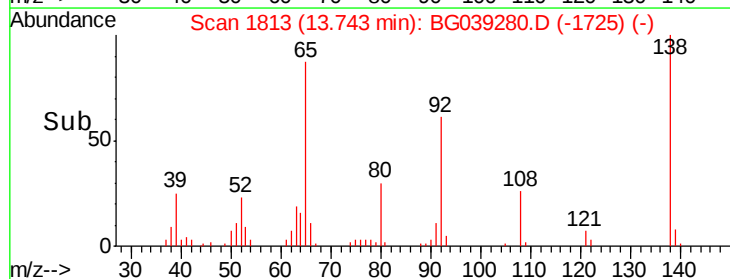
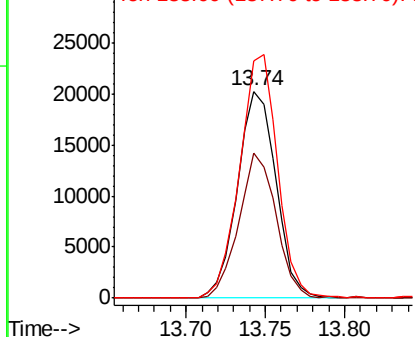


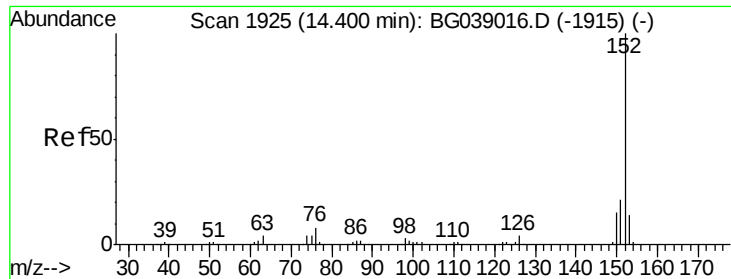
#48
 2-Nitroaniline
 Concen: 40.903 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion: 65 Resp: 34183
 Ion Ratio Lower Upper
 65 100
 92 70.5 52.2 78.4
 138 114.9 86.0 129.0



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





#49

Acenaphthylene

Concen: 40.974 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

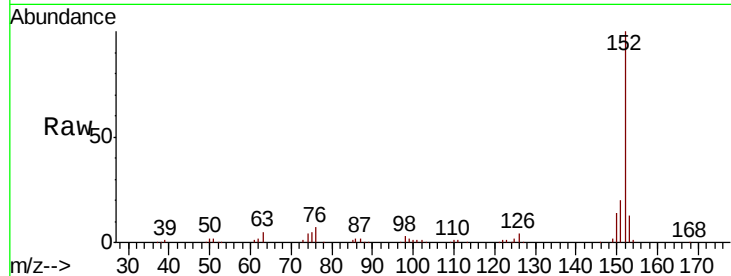
Tgt Ion:152 Resp: 183718

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.4

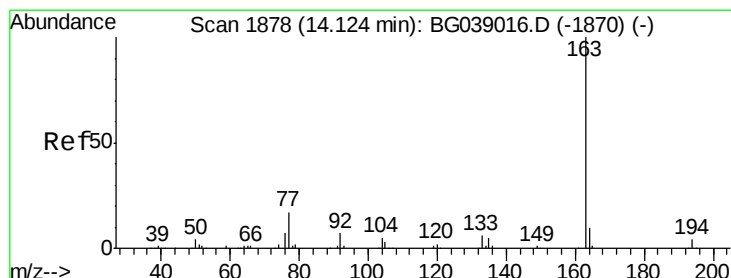
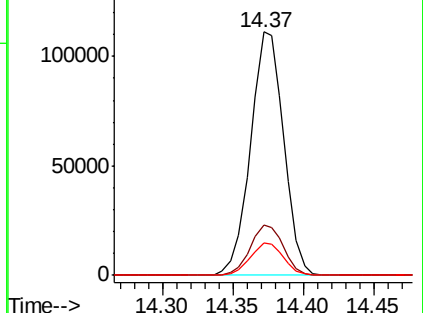
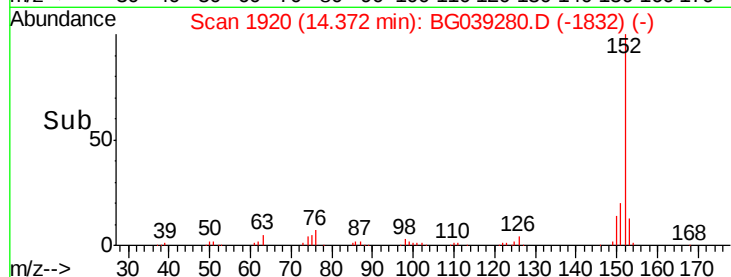
153 13.4 11.2 16.8



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: 40.160 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

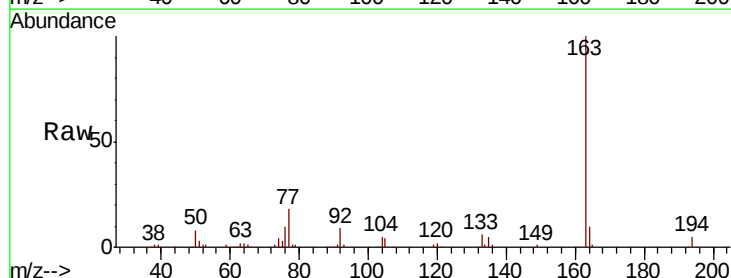
Tgt Ion:163 Resp: 157881

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

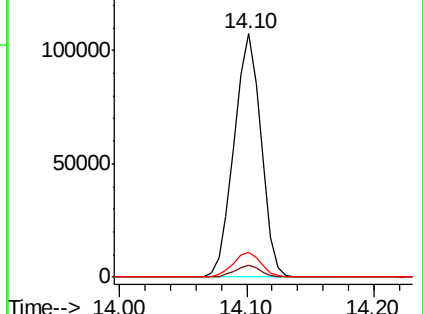
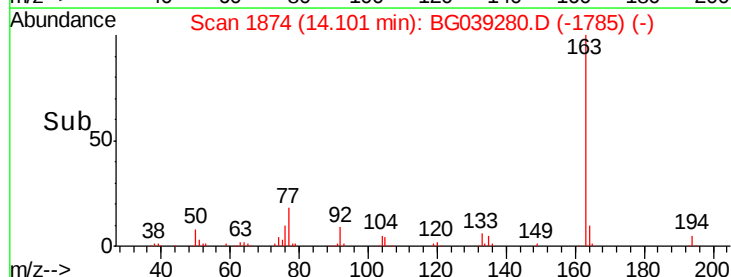
164 10.0 8.2 12.2

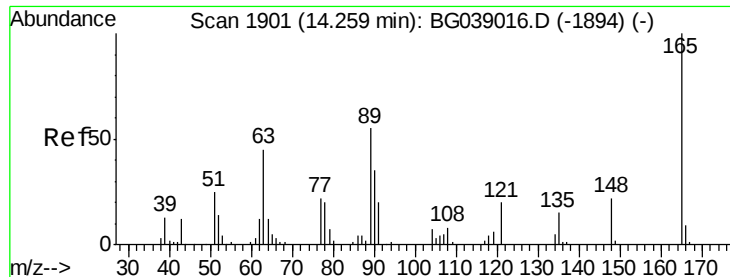


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

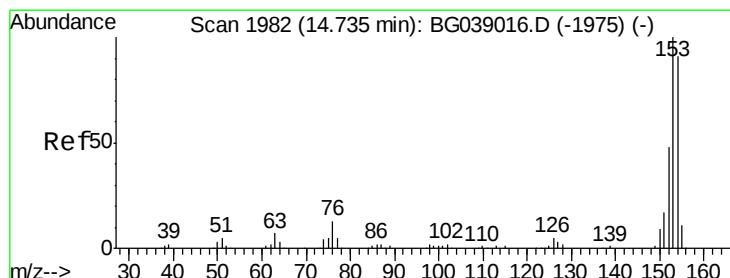
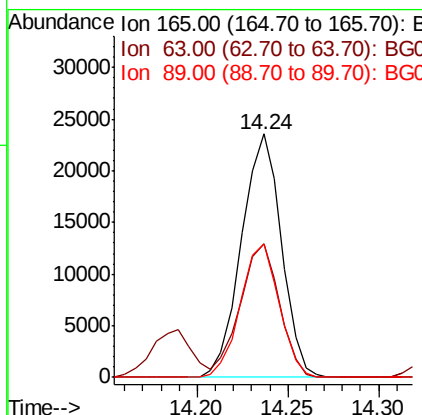
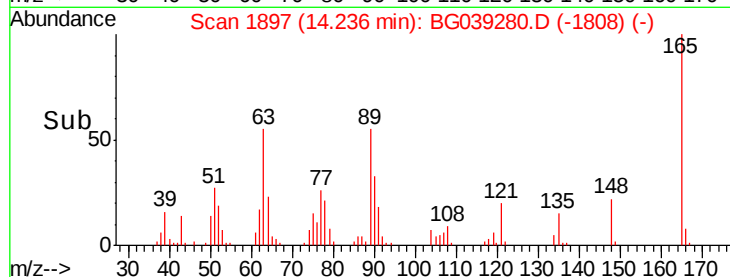
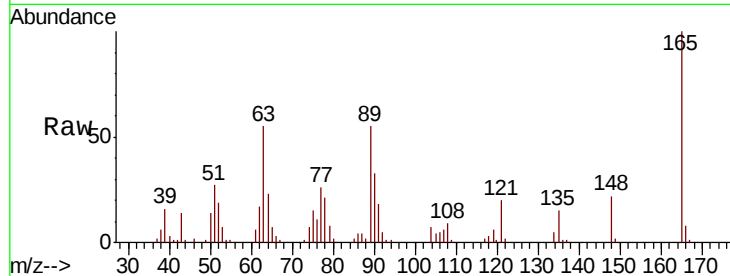




#51
 2,6-Dinitrotoluene
 Concen: 40.937 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

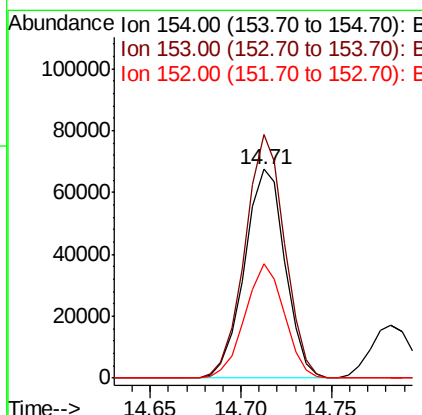
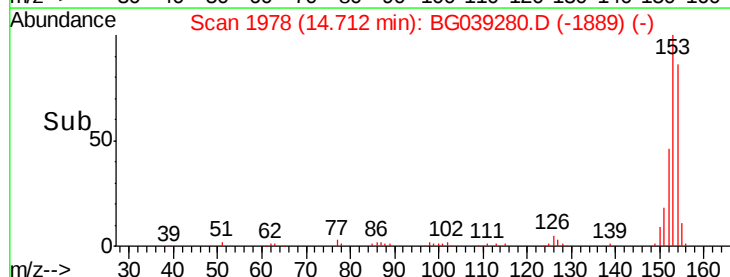
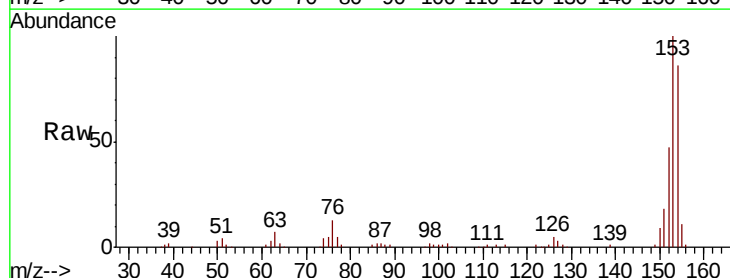
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

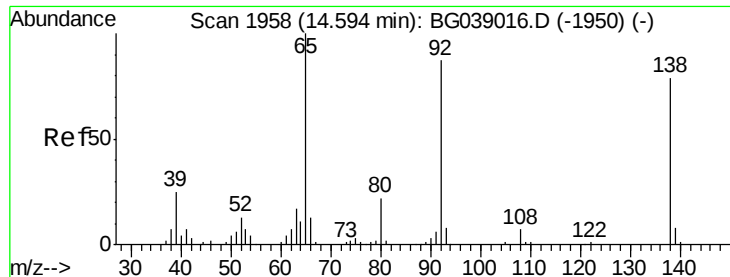
Tgt Ion:165 Resp: 35981
 Ion Ratio Lower Upper
 165 100
 63 54.9 43.6 65.4
 89 54.7 43.7 65.5



#52
 Acenaphthene
 Concen: 39.105 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:154 Resp: 105346
 Ion Ratio Lower Upper
 154 100
 153 116.5 87.9 131.9
 152 54.8 42.2 63.2





#53

3-Nitroaniline

Concen: 27.096 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

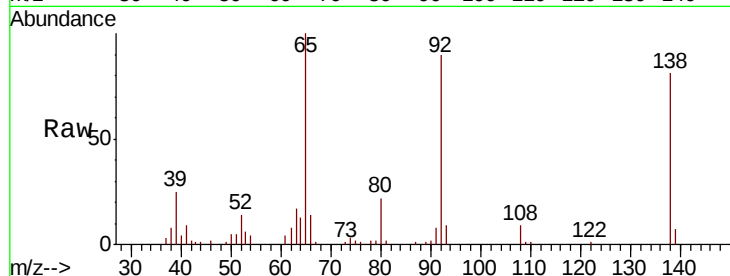
Tgt Ion:138 Resp: 24160

Ion Ratio Lower Upper

138 100

108 10.8 7.4 11.0

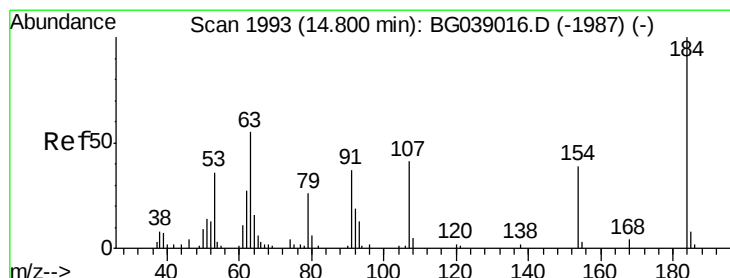
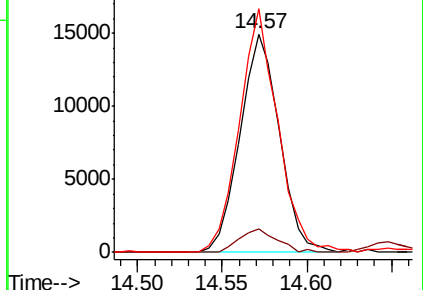
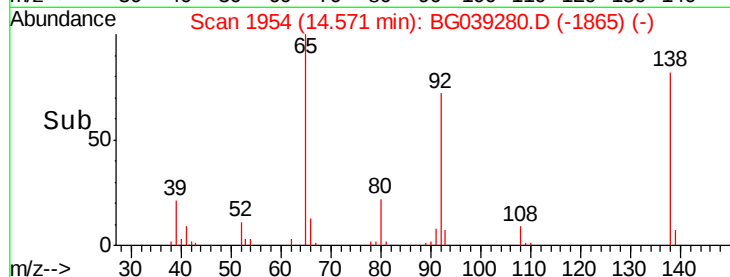
92 111.4 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 87.516 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

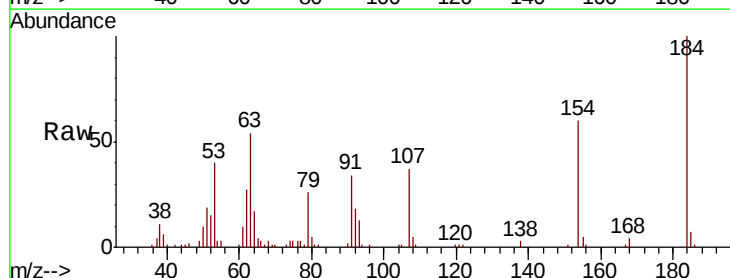
Tgt Ion:184 Resp: 46274

Ion Ratio Lower Upper

184 100

63 54.4 44.0 66.0

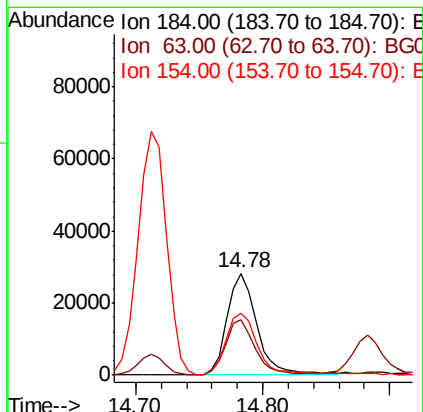
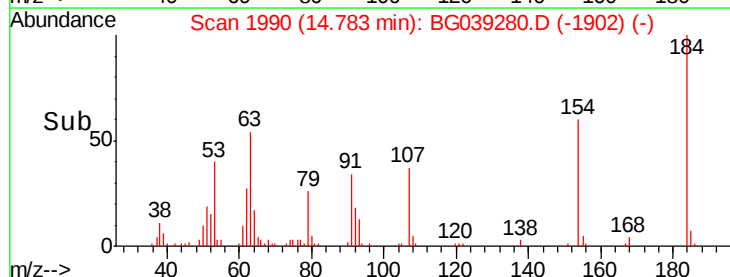
154 60.2 46.1 69.1

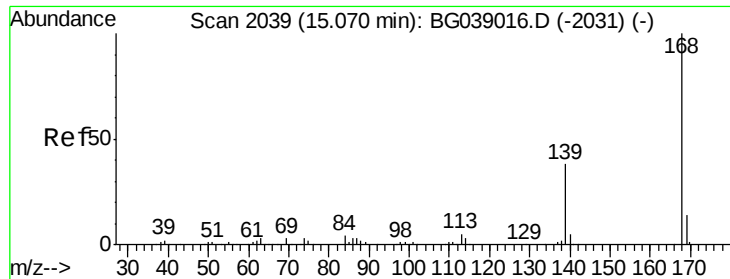


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

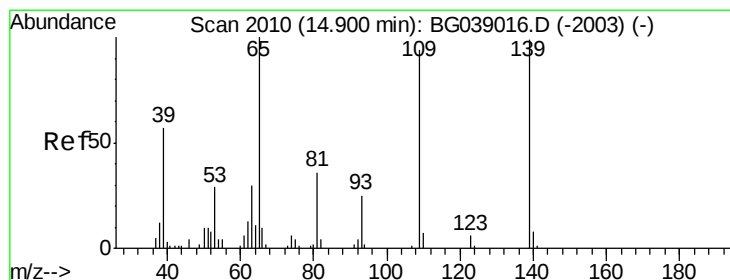
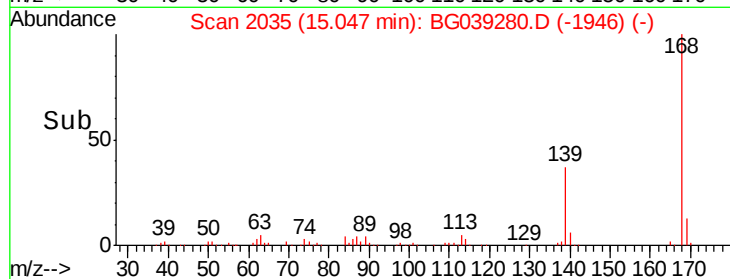
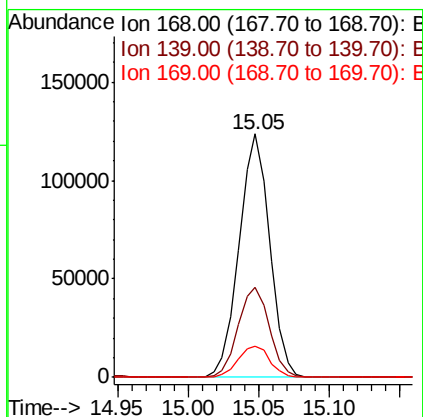
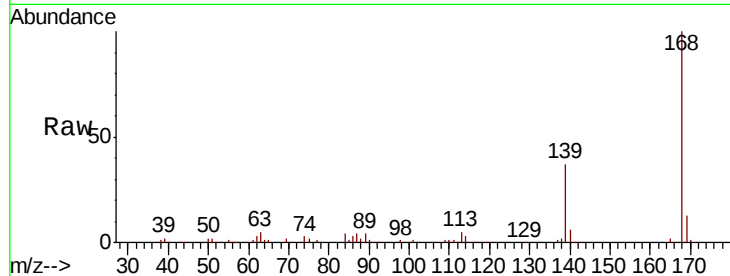




#55
Dibenzenofuran
Concen: 39.253 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

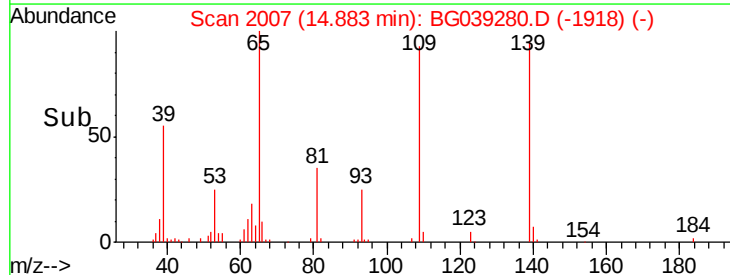
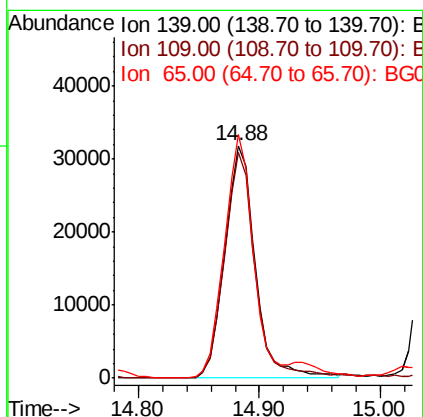
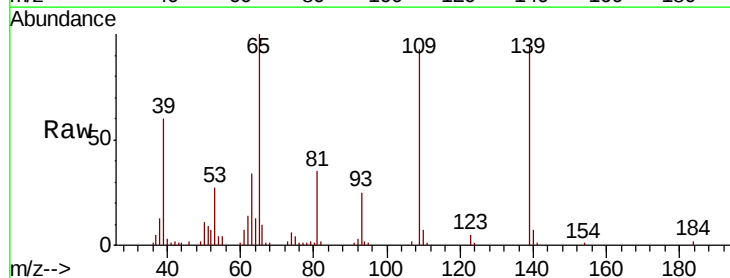
Instrument :
BNA_G
ClientSampleId :
PB116613BS

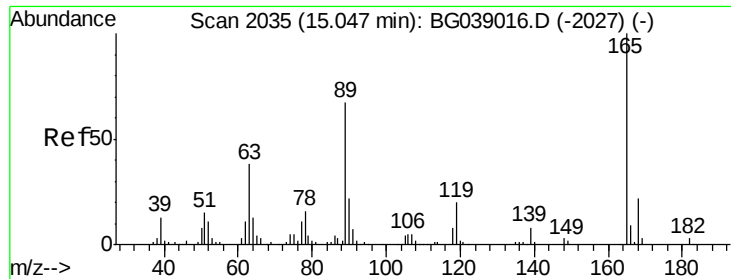
Tgt Ion:168 Resp: 186756
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 12.9 10.9 16.3



#56
4-Nitrophenol
Concen: 86.872 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion:139 Resp: 55733
Ion Ratio Lower Upper
139 100
109 97.1 75.6 115.6
65 104.8 81.2 121.2

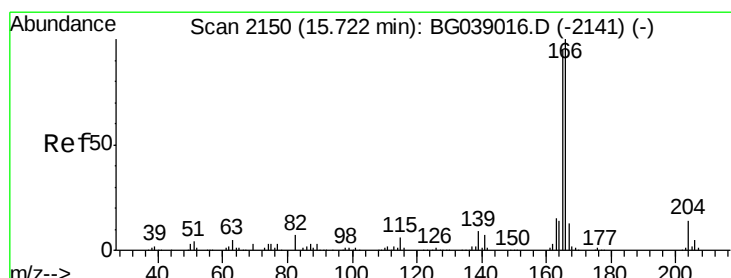
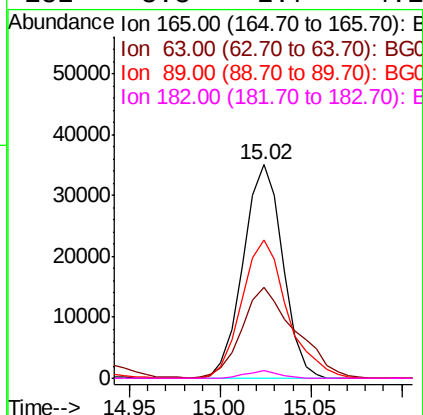
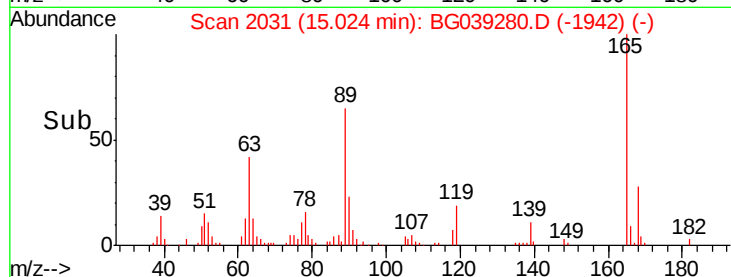
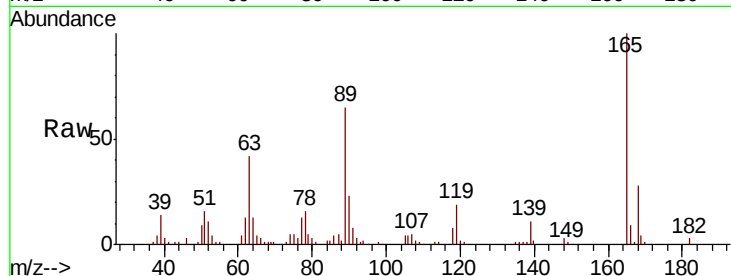




#57
2,4-Dinitrotoluene
Concen: 42.362 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

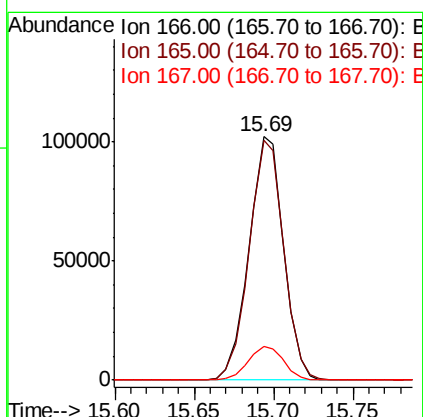
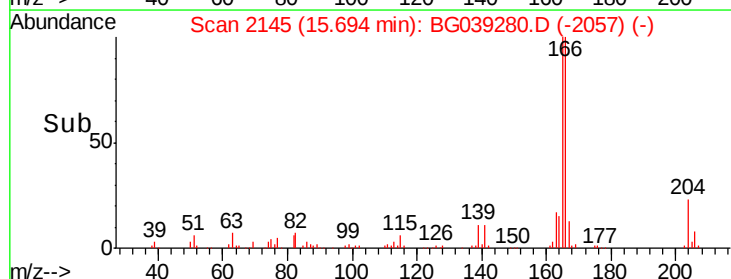
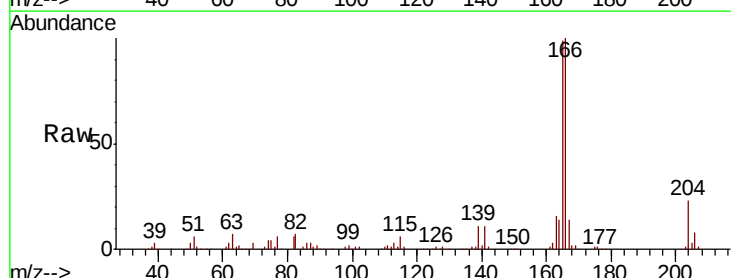
Instrument :
BNA_G
ClientSampleId :
PB116613BS

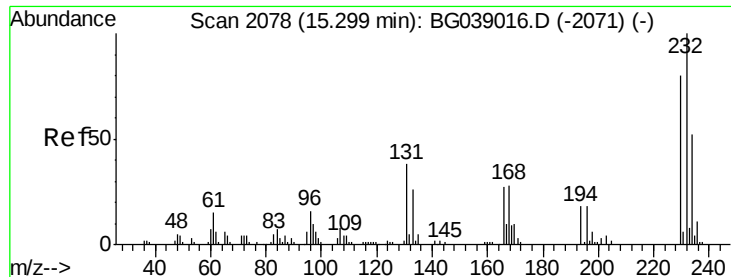
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	30.2	45.4
89	64.8	53.2	79.8
182	3.3	2.7	4.1



#58
Fluorene
Concen: 43.150 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.2	114.2
167	13.8	10.6	16.0

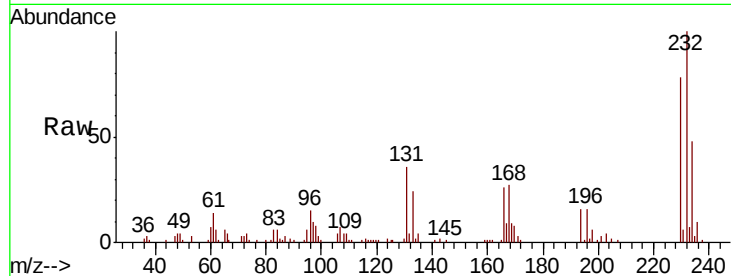




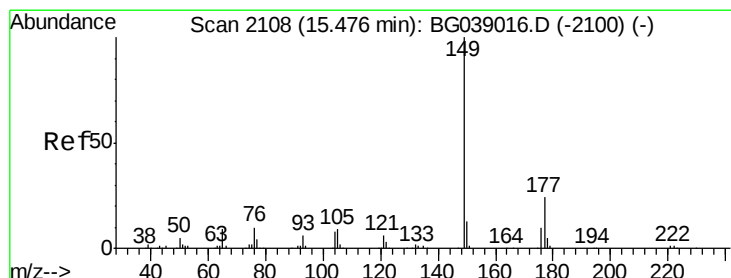
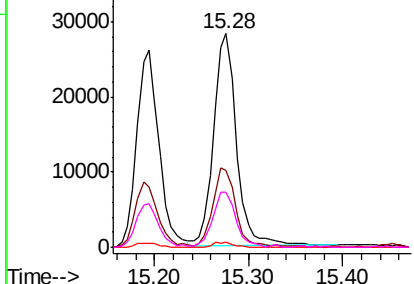
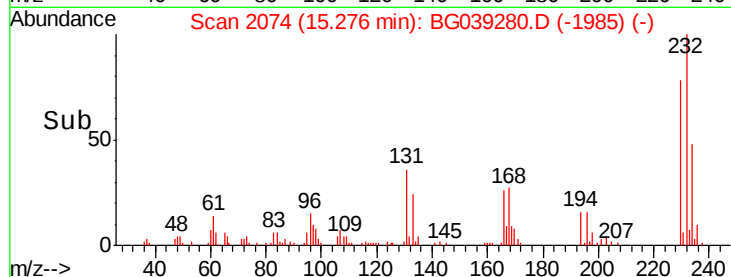
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.240 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB116613BS

Tgt Ion: 232 Resp: 48535
Ion Ratio Lower Upper
232 100
131 35.6 30.9 46.3
130 2.0 1.9 2.9
166 26.2 22.1 33.1

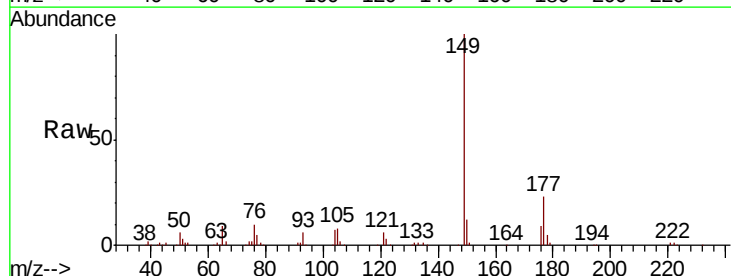


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

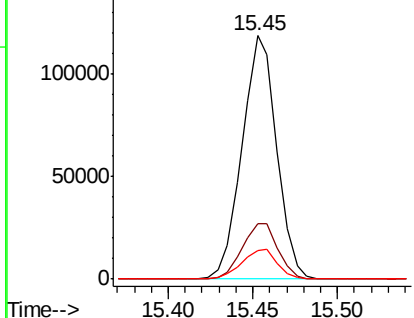
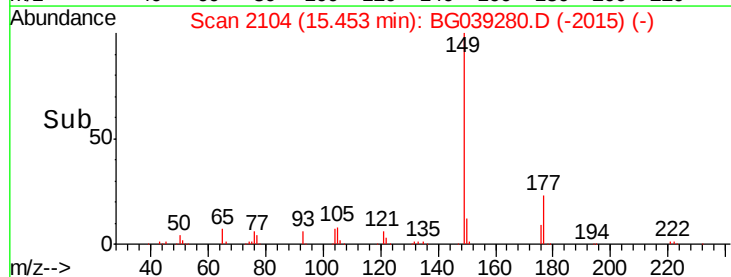


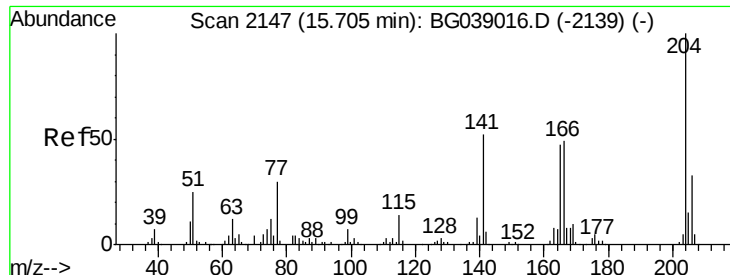
#60
Diethylphthalate
Concen: 41.615 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion: 149 Resp: 168559
Ion Ratio Lower Upper
149 100
177 22.5 19.0 28.6
150 11.5 10.2 15.4



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

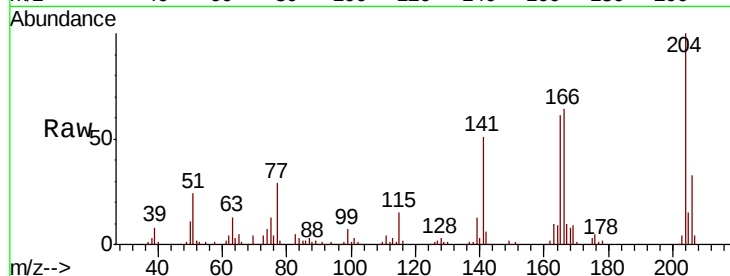




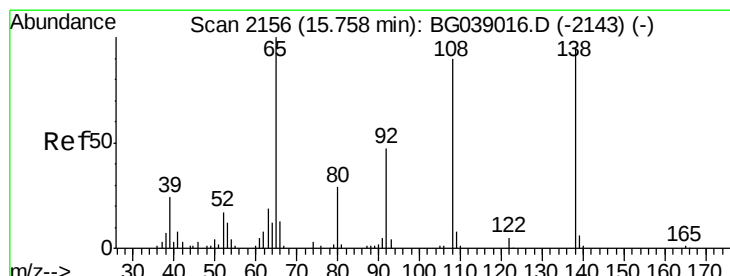
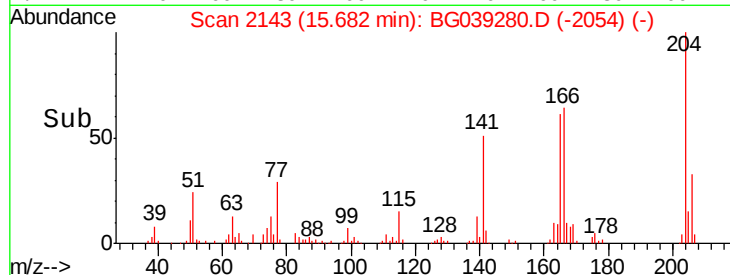
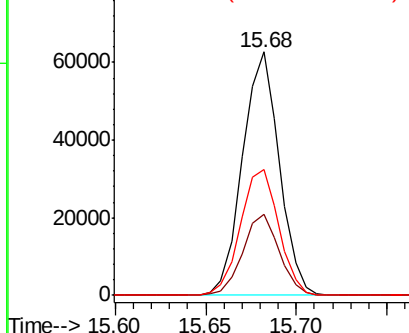
#61
 4-Chlorophenyl-phenylether
 Concen: 39.199 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

Tgt Ion:204 Resp: 88443
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 51.5 41.4 62.0

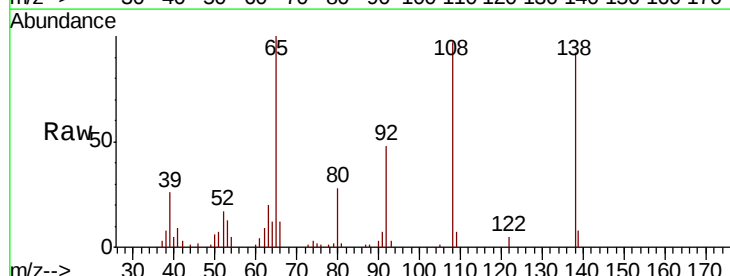


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

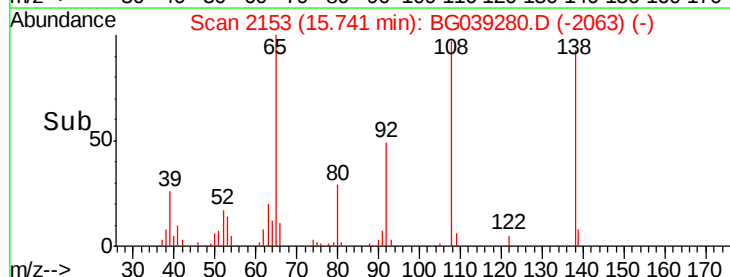
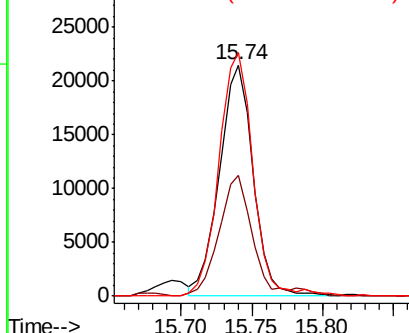


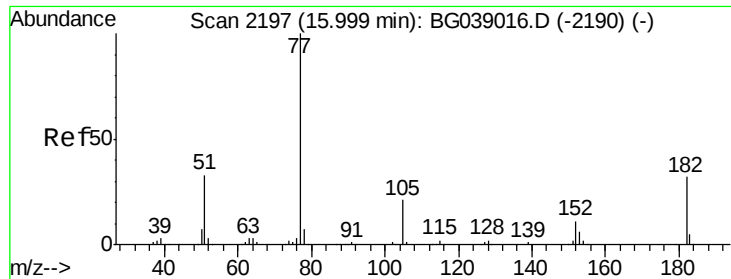
#62
 4-Nitroaniline
 Concen: 38.528 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:138 Resp: 35787
 Ion Ratio Lower Upper
 138 100
 92 52.5 29.7 69.7
 108 105.3 75.7 115.7



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

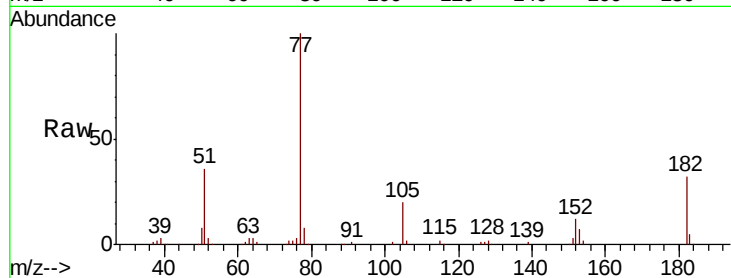




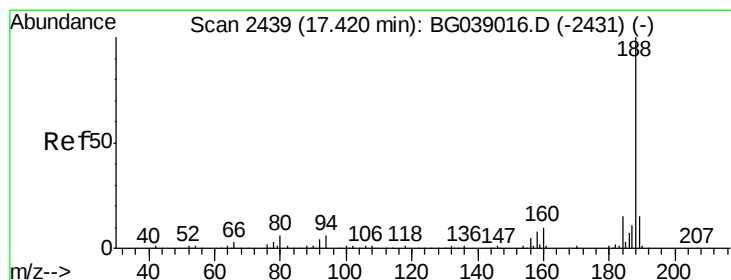
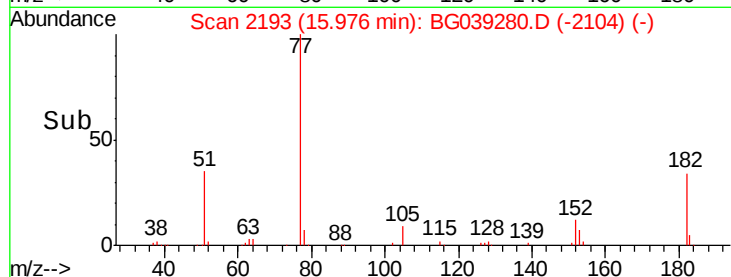
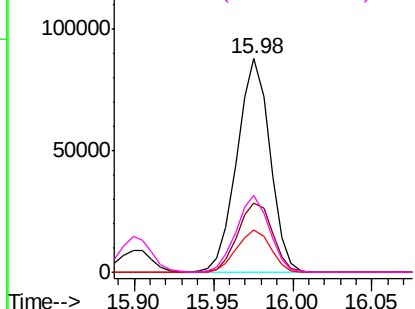
#63
Azobenzene
Concen: 40.116 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB116613BS

Tgt Ion: 77 Resp: 127069
Ion Ratio Lower Upper
77 100
182 32.1 12.2 52.2
105 19.9 1.2 41.2
51 36.0 13.4 53.4

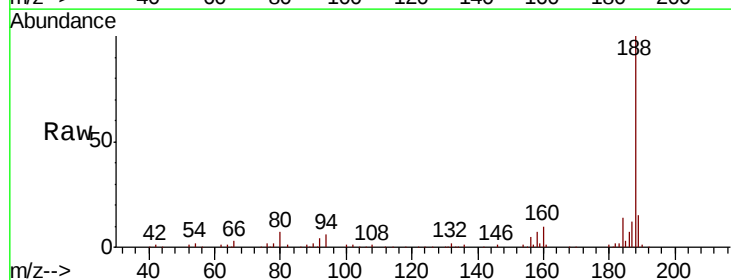


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

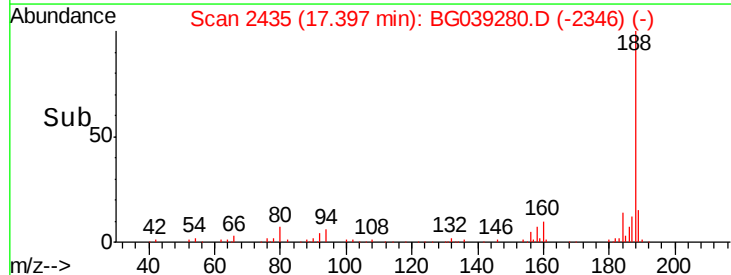
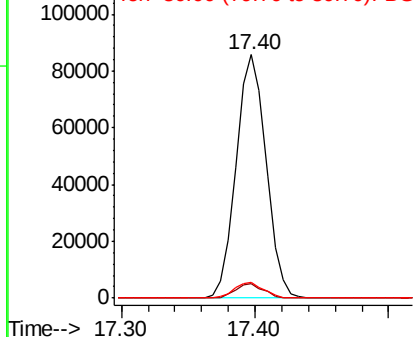


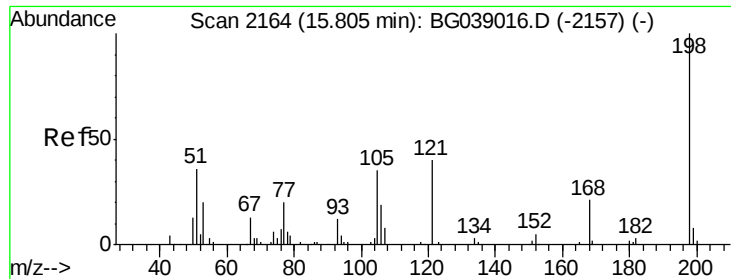
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion: 188 Resp: 133360
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.4
80 6.5 4.7 7.1



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

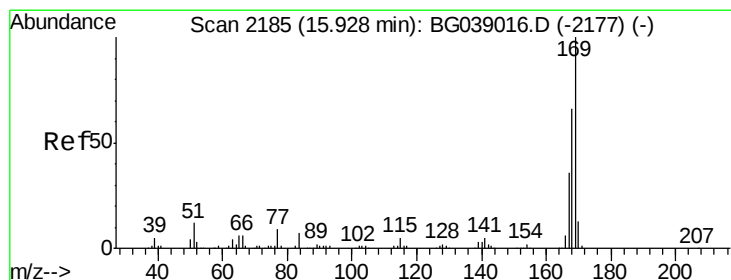
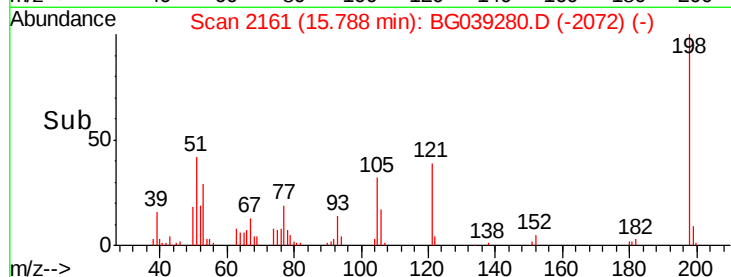
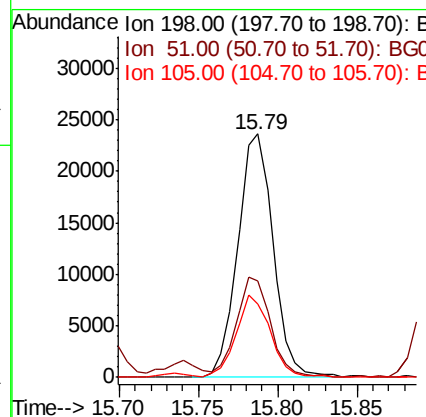
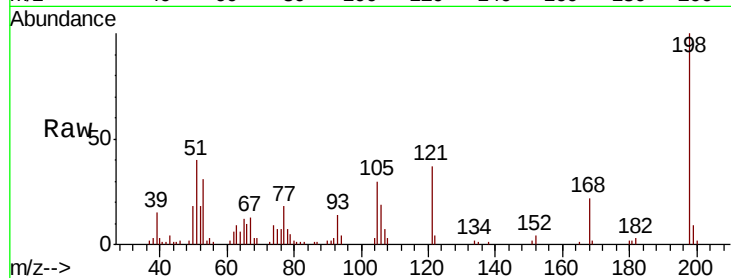




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.928 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

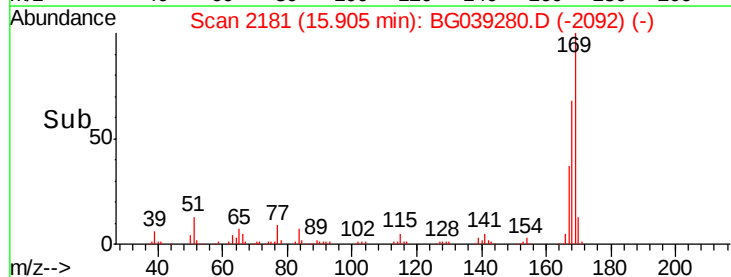
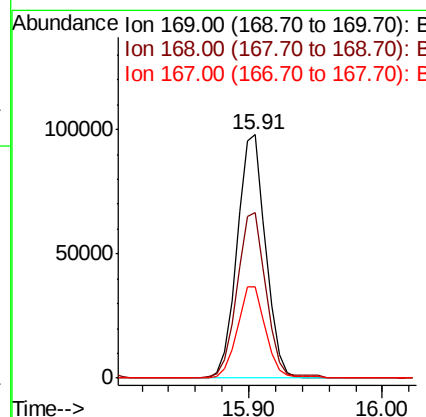
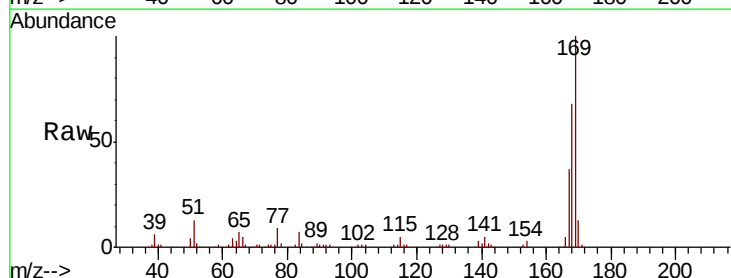
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

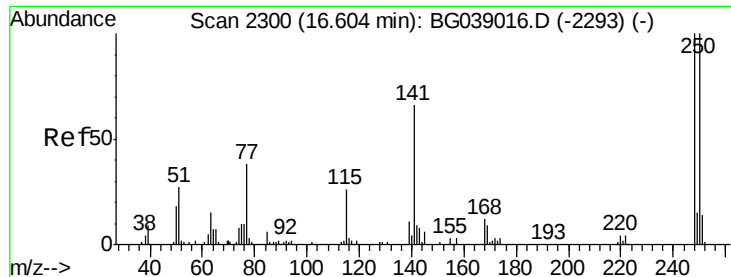
Tgt Ion:198 Resp: 36485
 Ion Ratio Lower Upper
 198 100
 51 39.7 20.8 60.8
 105 30.1 16.1 56.1



#66
 n-Nitrosodiphenylamine
 Concen: 36.647 ng
 RT: 15.91 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:169 Resp: 144881
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.2 79.8
 167 37.5 29.1 43.7





#67

4-Bromophenyl-phenylether

Concen: 36.296 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

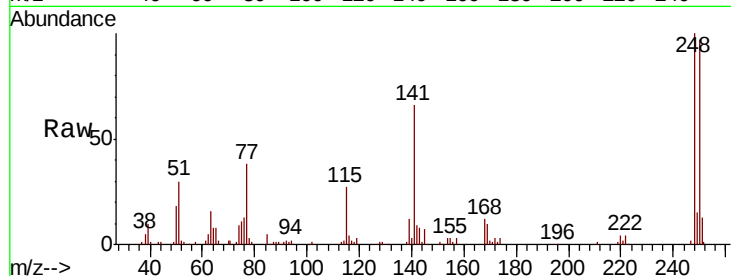
Tgt Ion:248 Resp: 62221

Ion Ratio Lower Upper

248 100

250 97.2 79.9 119.9

141 65.7 52.7 79.1

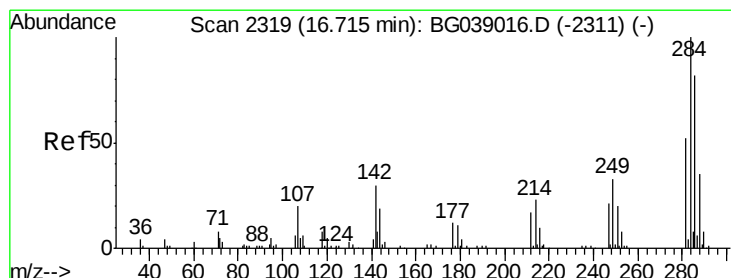
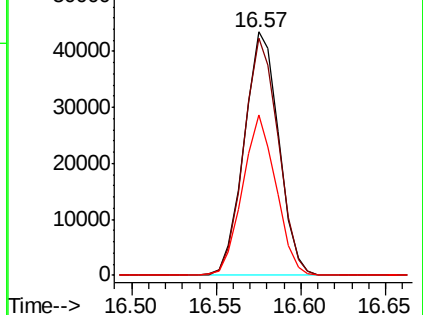
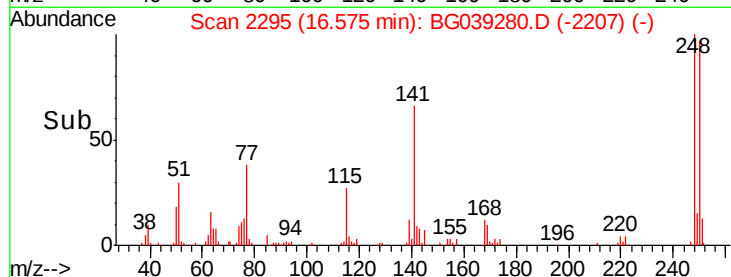


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.076 ng

RT: 16.69 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

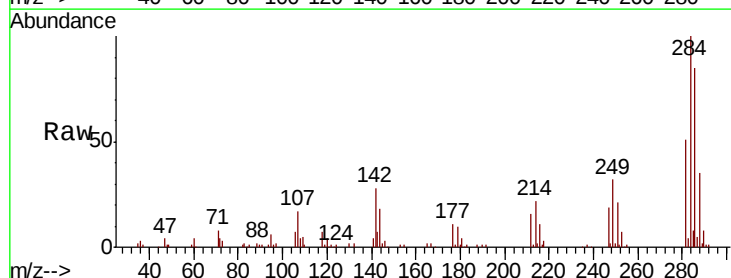
Tgt Ion:284 Resp: 67484

Ion Ratio Lower Upper

284 100

142 28.1 24.3 36.5

249 34.3 27.8 41.8

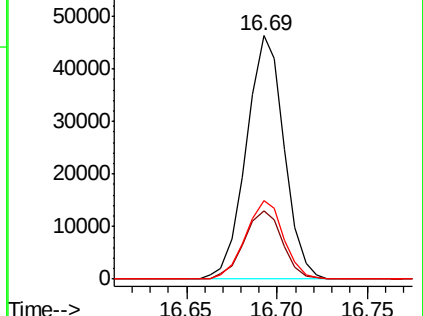
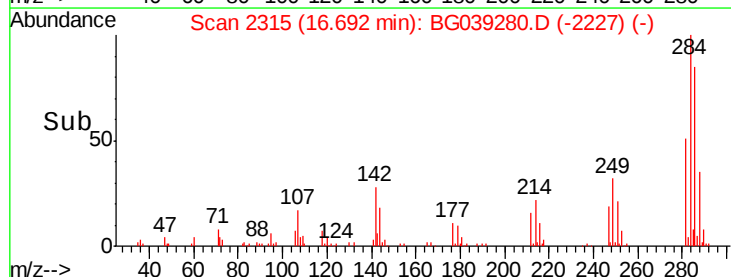


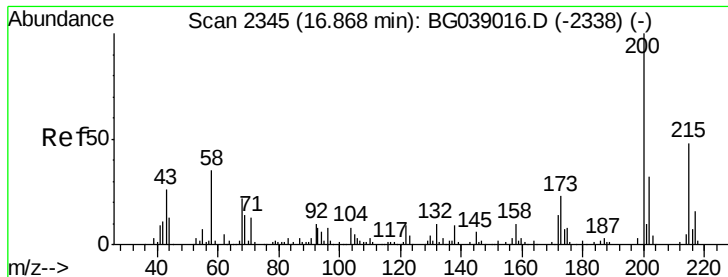
Abundance

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

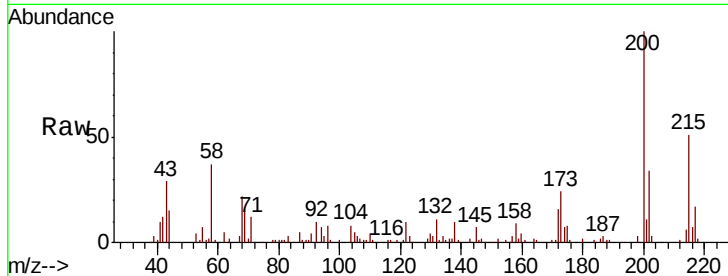




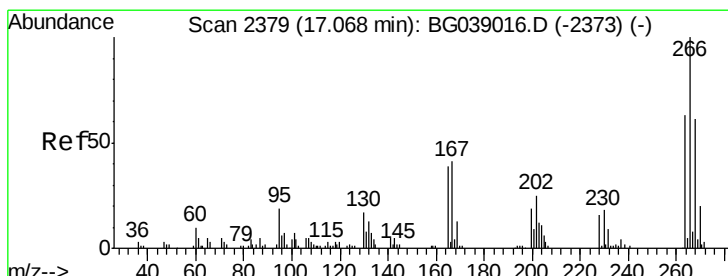
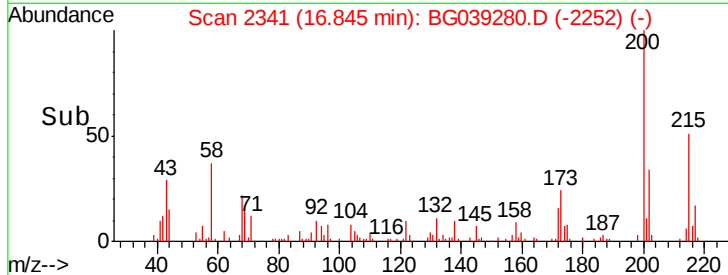
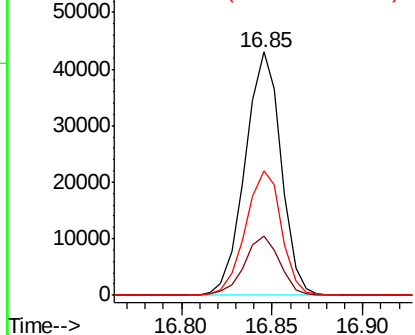
#69
 Atrazine
 Concen: 35.264 ng
 RT: 16.85 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

Tgt Ion:200 Resp: 59226
 Ion Ratio Lower Upper
 200 100
 173 24.3 2.6 42.6
 215 51.0 28.0 68.0

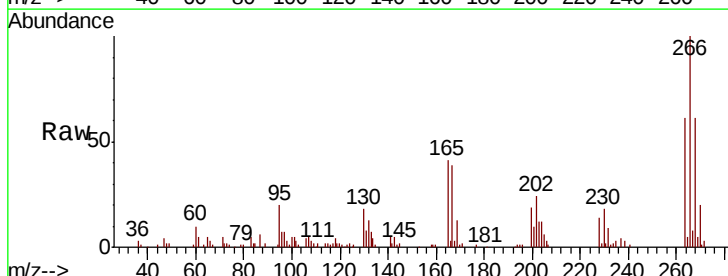


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

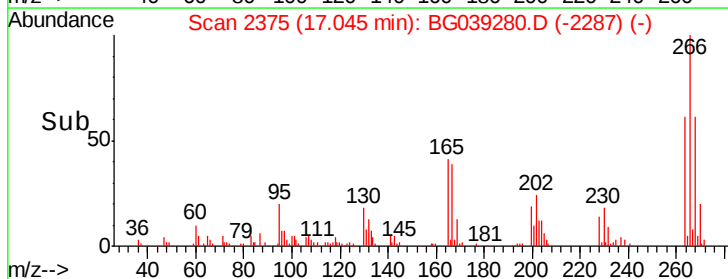
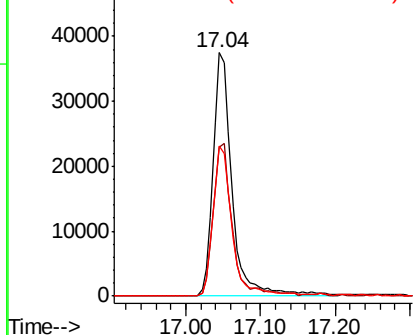


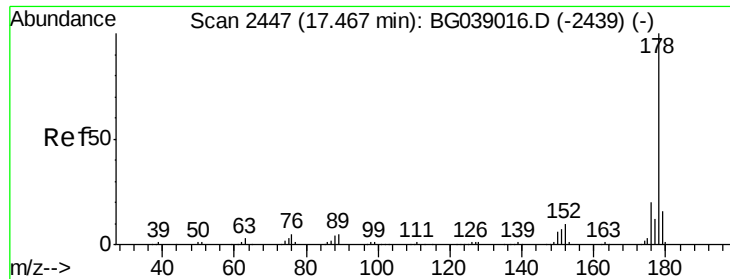
#70
 Pentachlorophenol
 Concen: 58.842 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion:266 Resp: 66096
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.0 78.0
 264 66.5 54.6 81.8



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

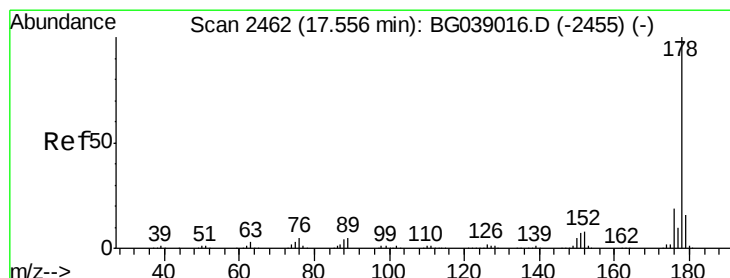
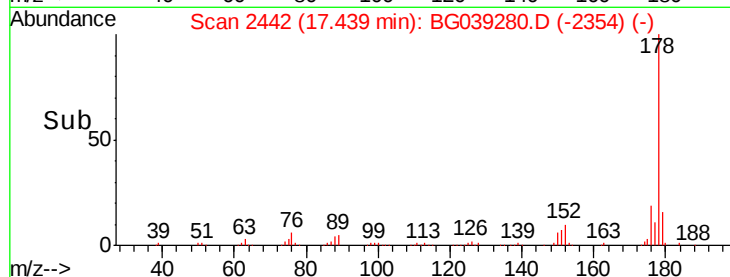
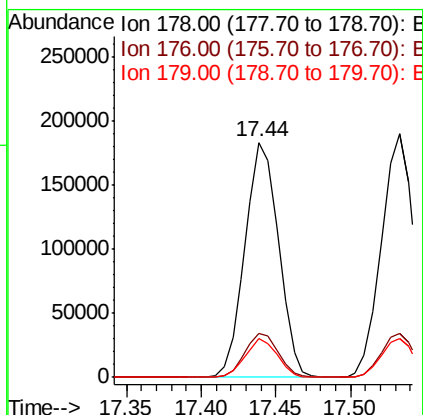
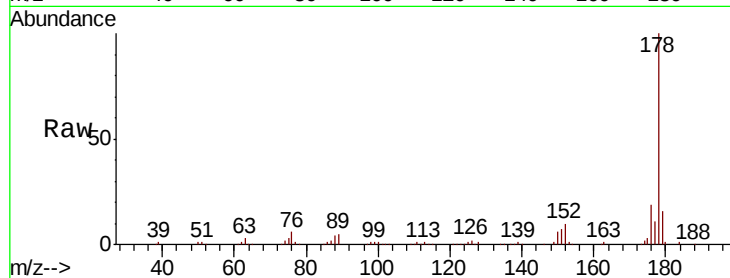




#71
Phenanthrene
Concen: 40.554 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

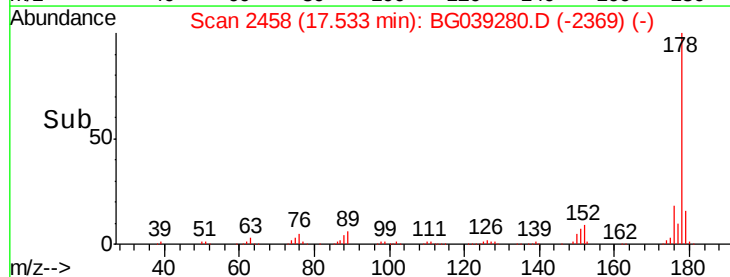
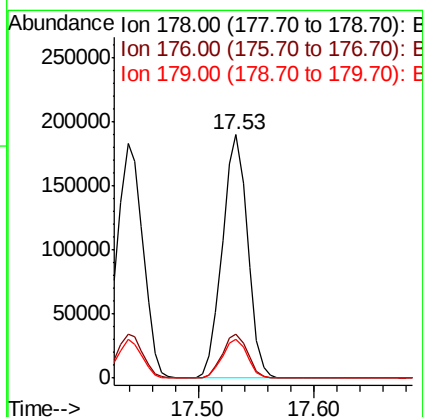
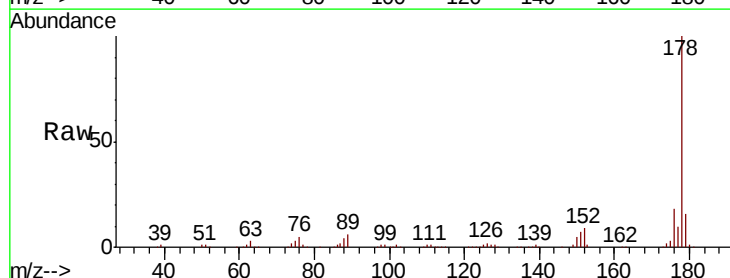
Instrument :
BNA_G
ClientSampleId :
PB116613BS

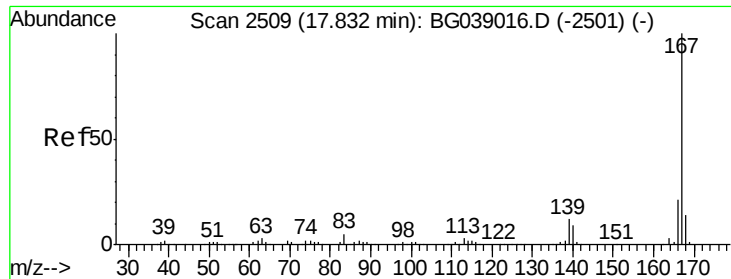
Tgt Ion:178 Resp: 285868
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 16.4 12.9 19.3



#72
Anthracene
Concen: 41.353 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039280.D
Acq: 25 Jan 2019 16:03

Tgt Ion:178 Resp: 288211
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 16.1 13.0 19.4

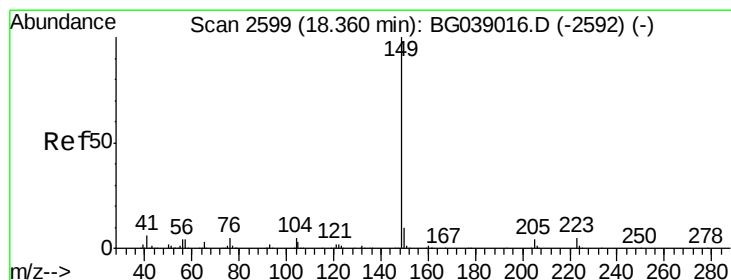
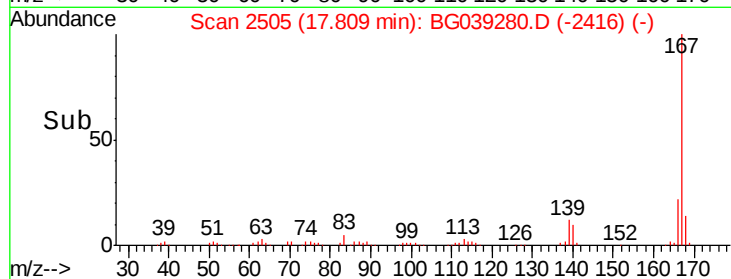
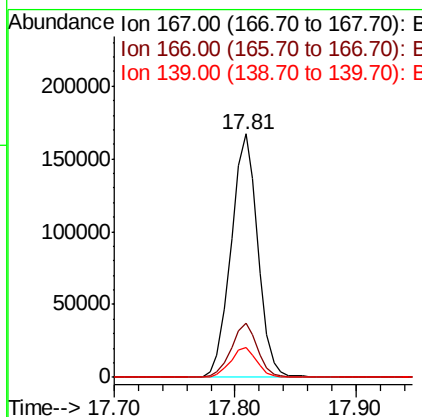
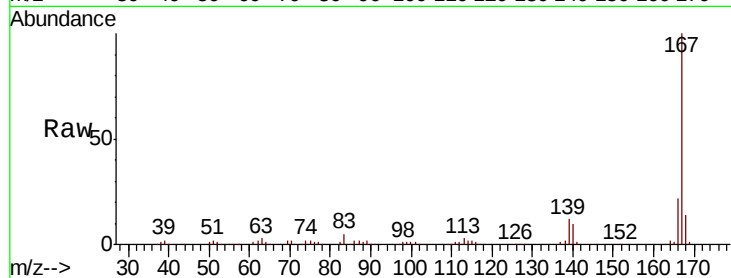




#73
 Carbazole
 Concen: 37.406 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

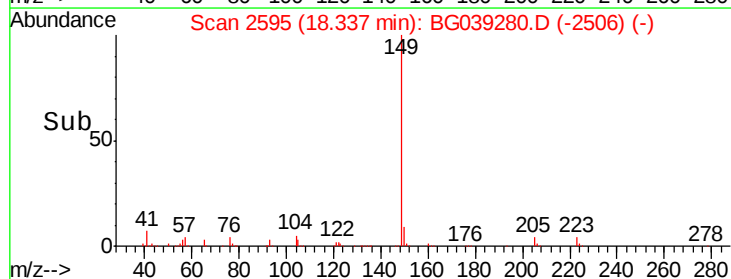
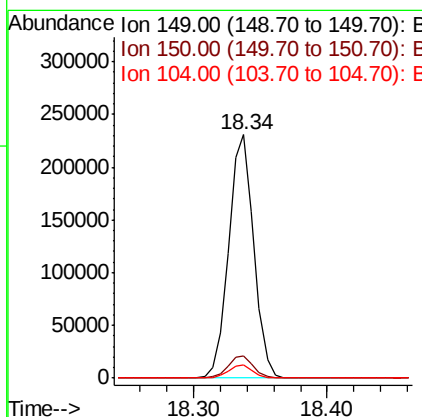
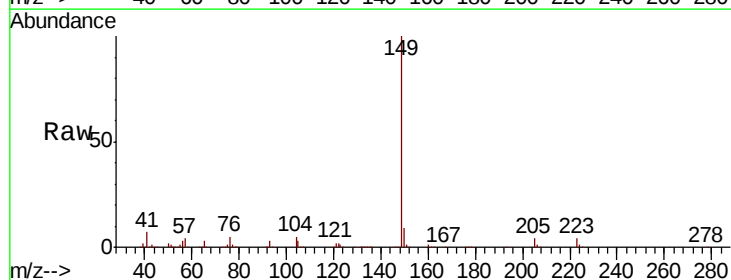
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

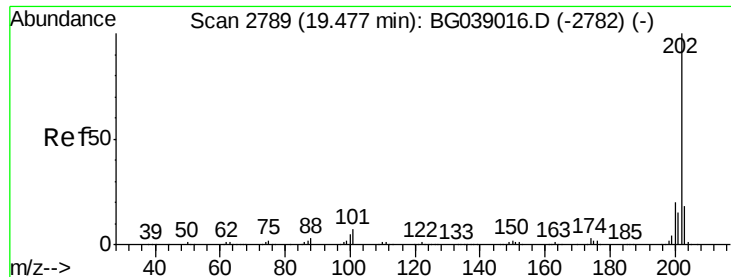
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.564 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.3	4.2	6.2

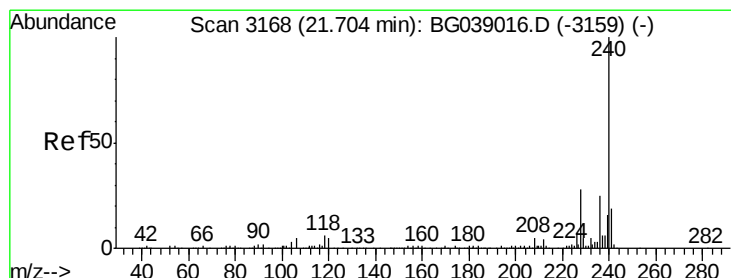
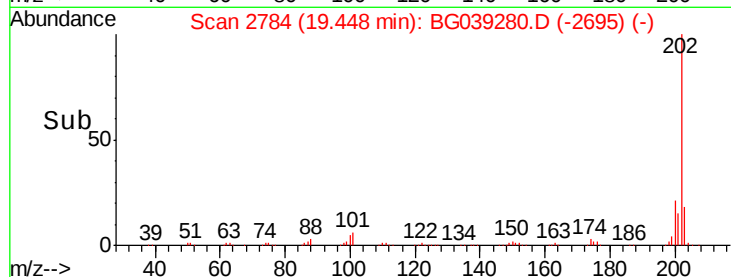
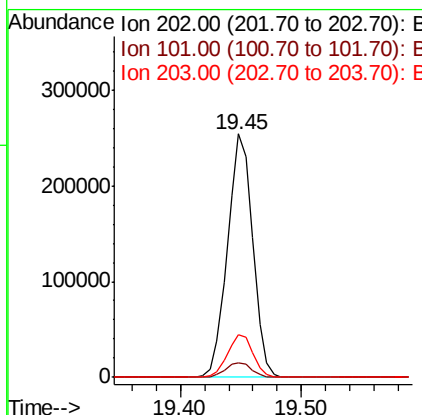
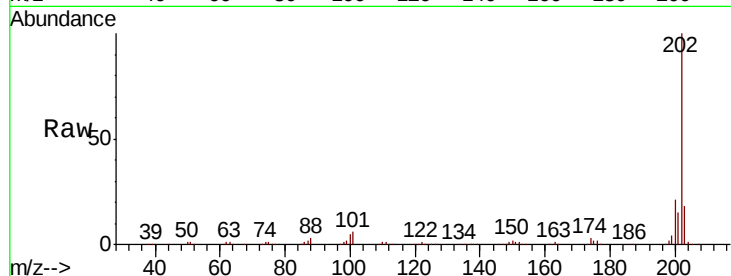




#75
 Fluoranthene
 Concen: 42.113 ng
 RT: 19.45 min Scan# 2784
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

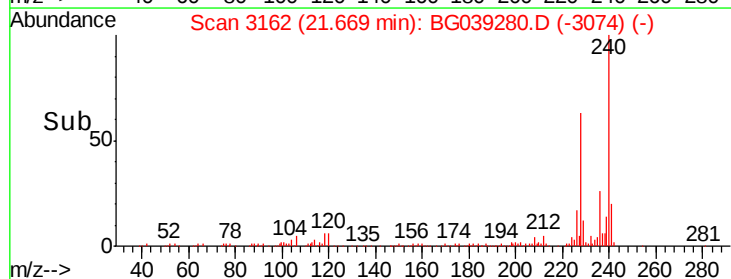
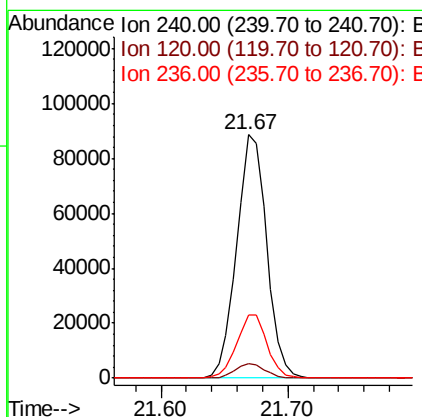
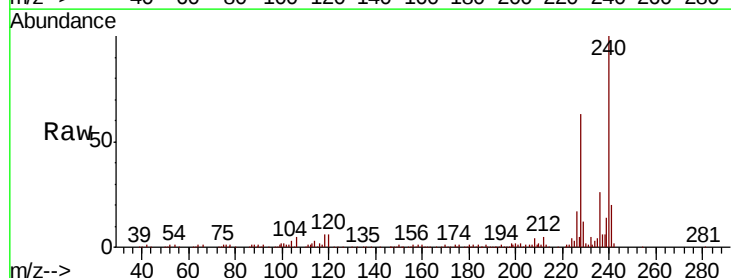
Instrument :
 BNA_G
 ClientSampleId :
 PB116613BS

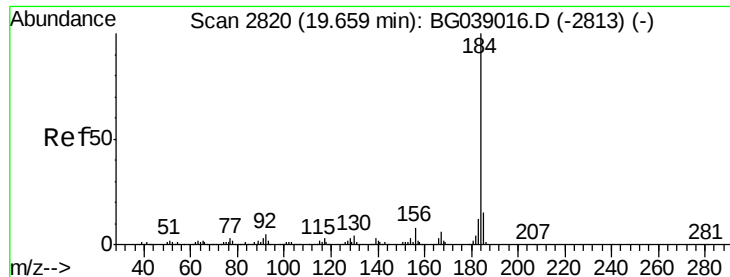
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.9
203	17.8	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039280.D
 Acq: 25 Jan 2019 16:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.3	6.5
236	26.2	20.1	30.1





#77

Benzidine

Concen: 23.382 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

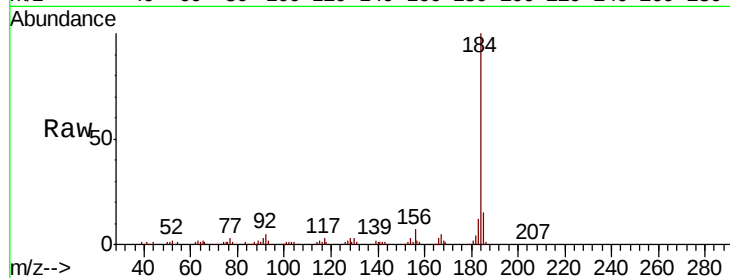
Tgt Ion:184 Resp: 103768

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

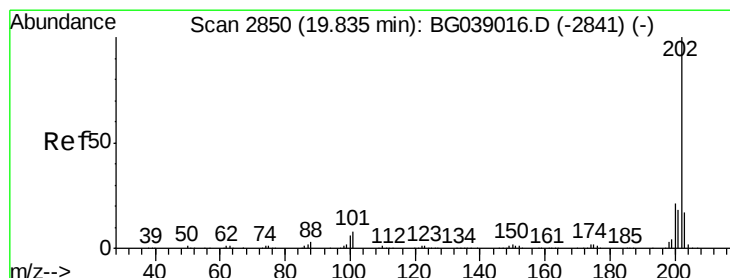
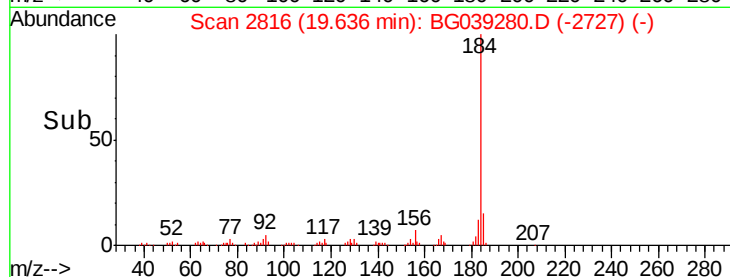
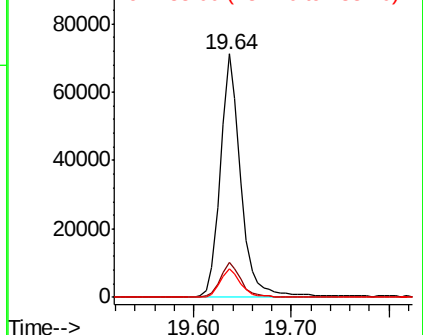
183 11.7 9.5 14.3



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: 39.776 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

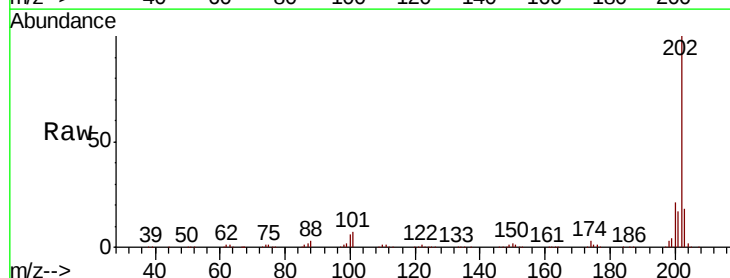
Tgt Ion:202 Resp: 367796

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

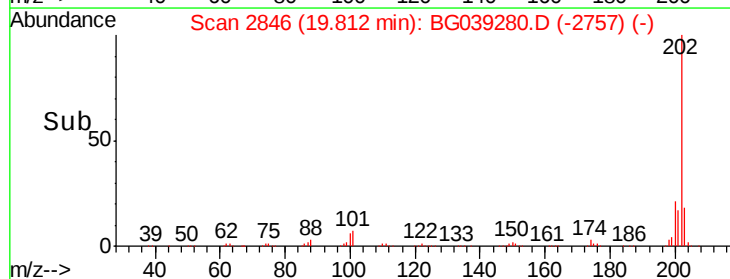
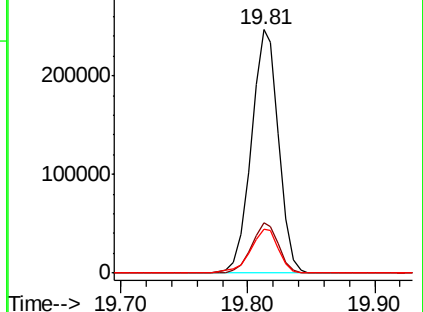
203 17.9 14.0 21.0

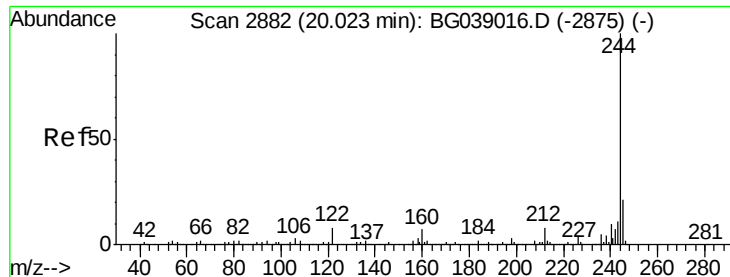


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.244 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

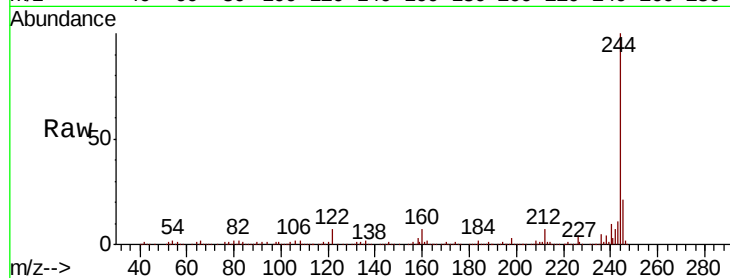
Tgt Ion:244 Resp: 621547

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

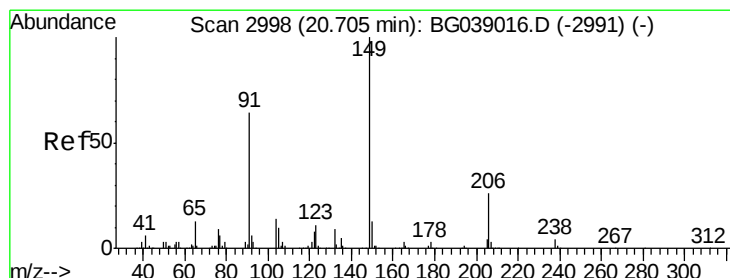
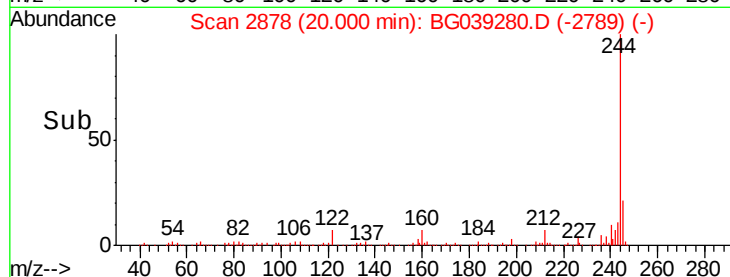
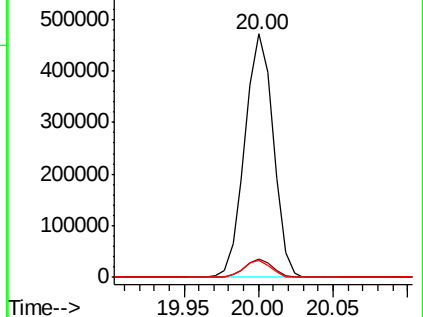
122 6.9 6.1 9.1



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: 39.409 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

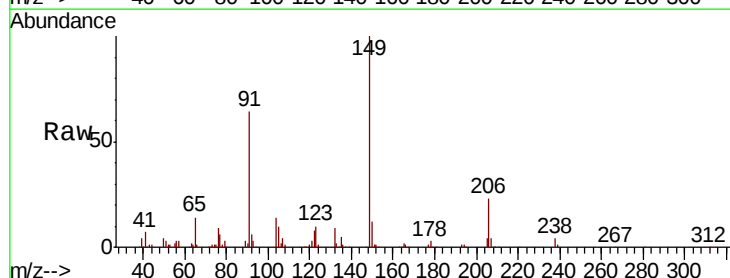
Tgt Ion:149 Resp: 138596

Ion Ratio Lower Upper

149 100

91 64.5 51.4 77.0

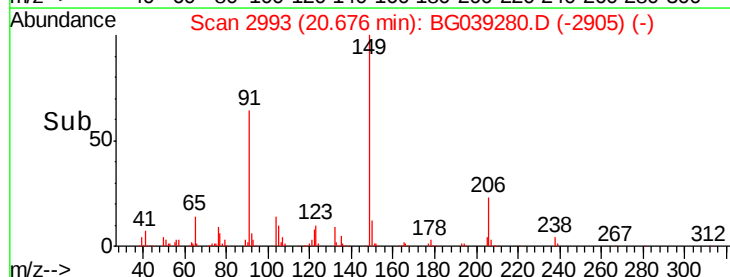
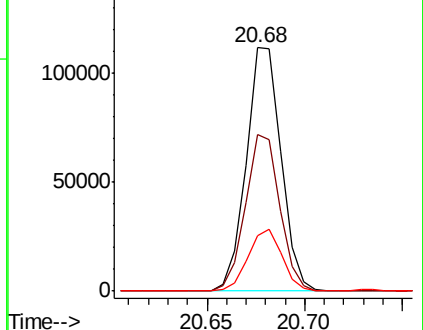
206 22.8 20.4 30.6

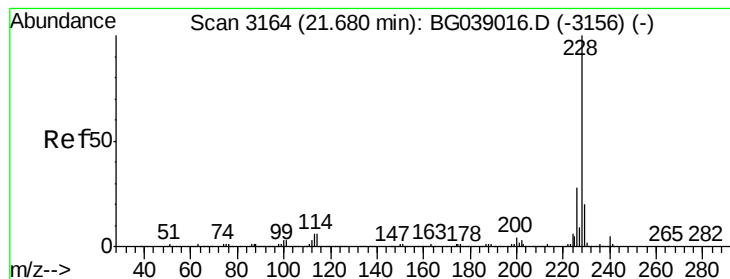


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.713 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampled :

PB116613BS

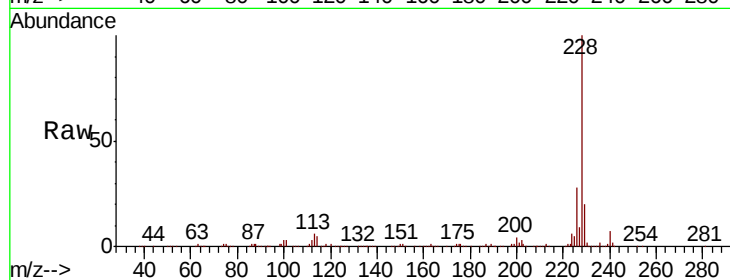
Tgt Ion: 228 Resp: 368439

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.2	16.2	24.2

228 100

226 27.9 22.4 33.6

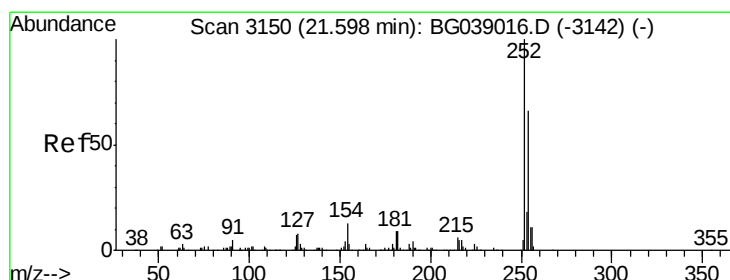
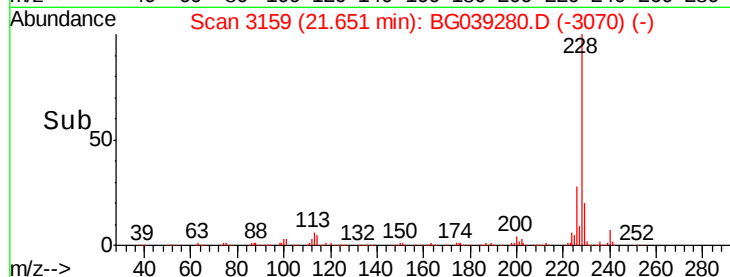
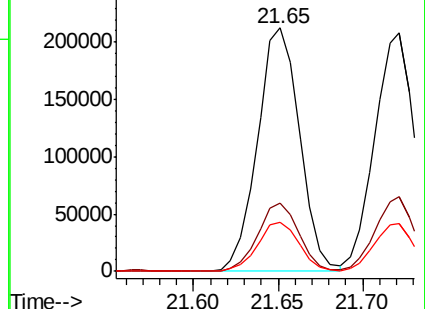
229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.046 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

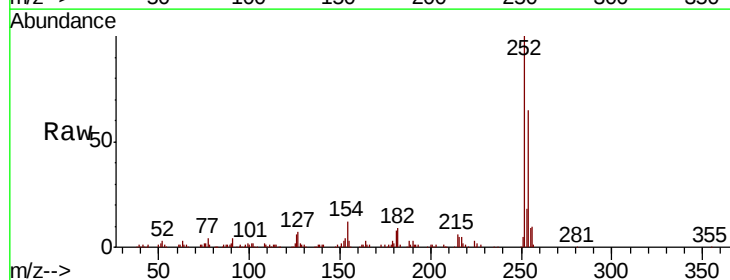
Tgt Ion: 252 Resp: 111728

Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.0	79.6
126	6.1	6.0	9.0

252 100

254 65.0 53.0 79.6

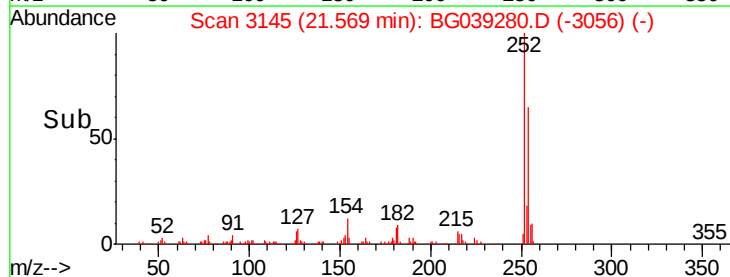
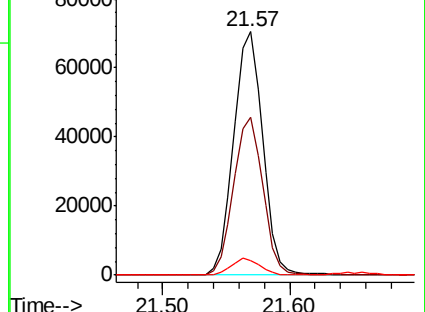
126 6.1 6.0 9.0

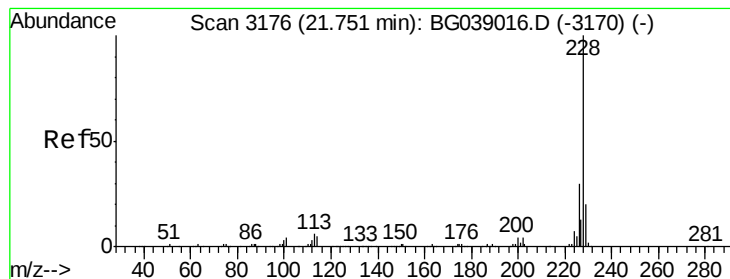


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.774 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

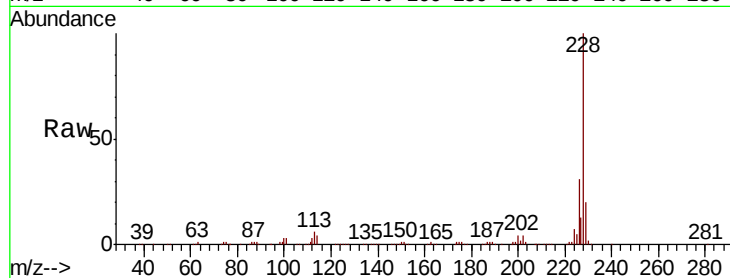
Tgt Ion:228 Resp: 342524

Ion Ratio Lower Upper

228 100

226 31.1 24.1 36.1

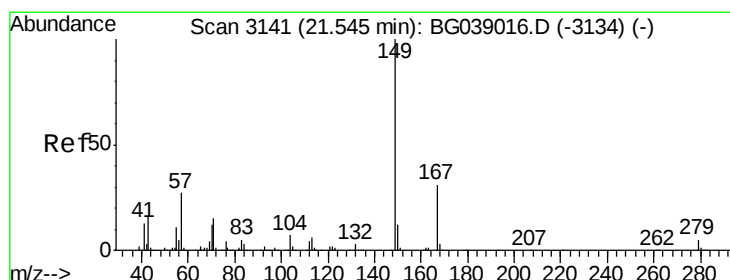
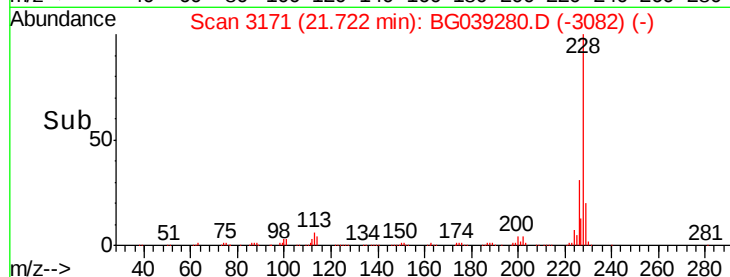
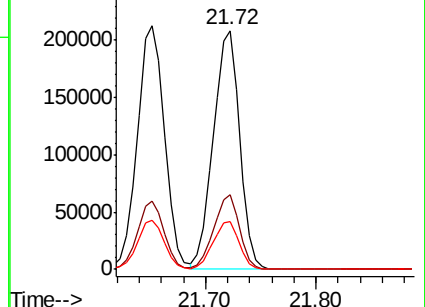
229 20.3 16.0 24.0



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: 39.820 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

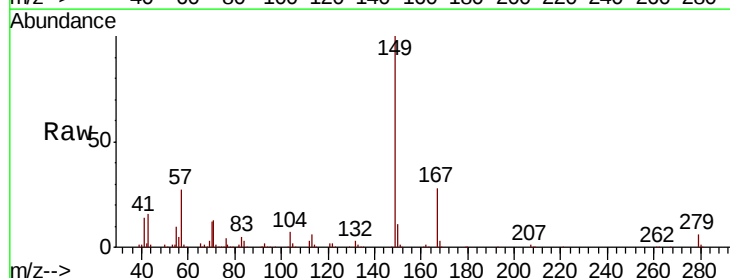
Tgt Ion:149 Resp: 194450

Ion Ratio Lower Upper

149 100

167 28.5 25.0 37.4

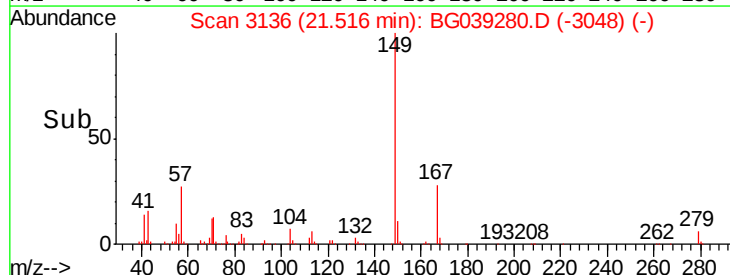
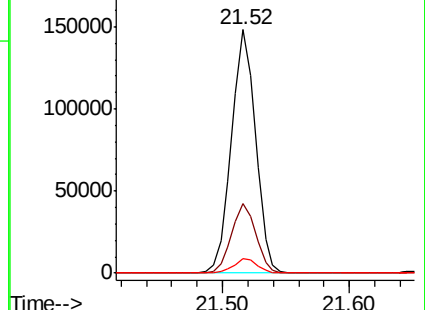
279 5.8 4.3 6.5

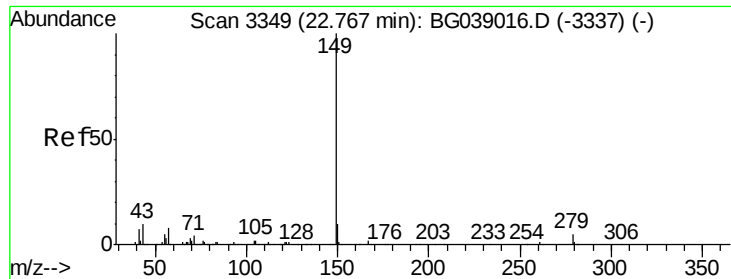


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.555 ng

RT: 22.73 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

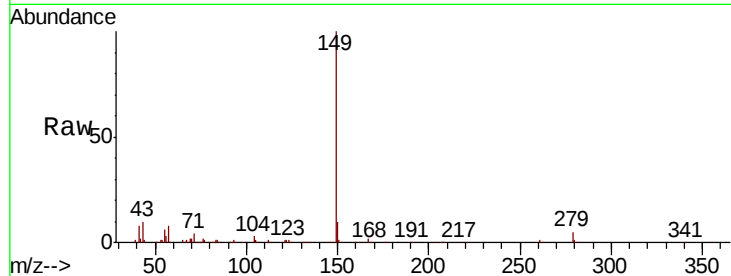
Tgt Ion:149 Resp: 334868

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

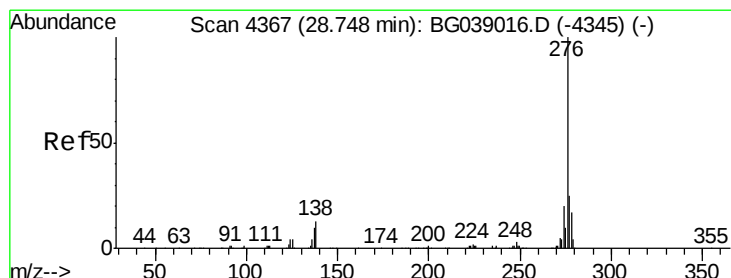
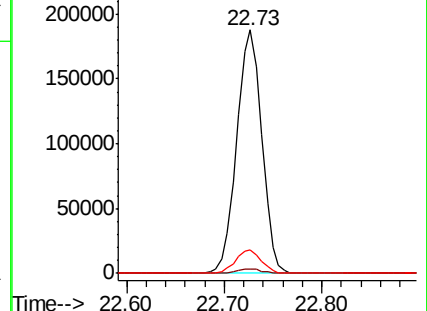
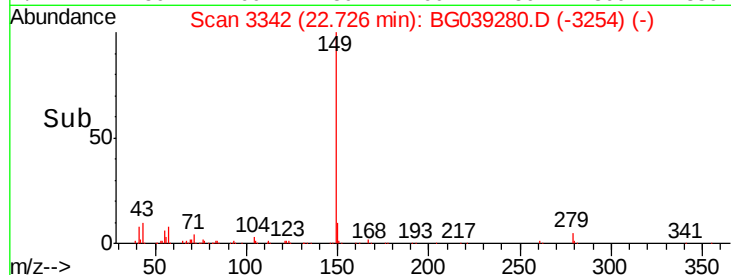
43 9.8 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.533 ng

RT: 28.66 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

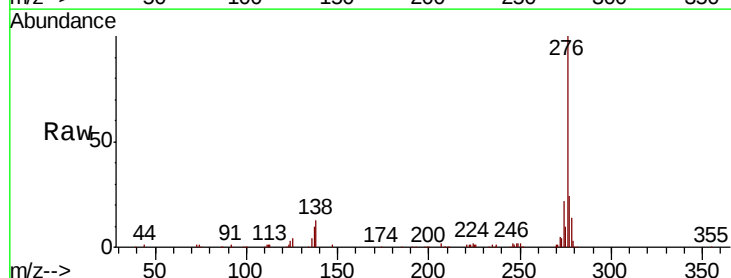
Tgt Ion:276 Resp: 436985

Ion Ratio Lower Upper

276 100

138 15.2 8.0 12.0#

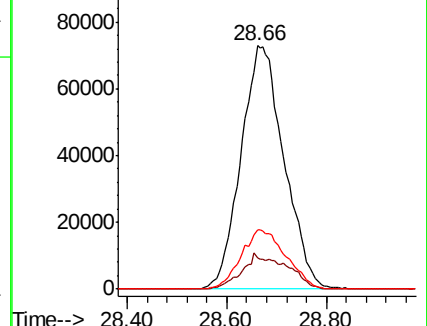
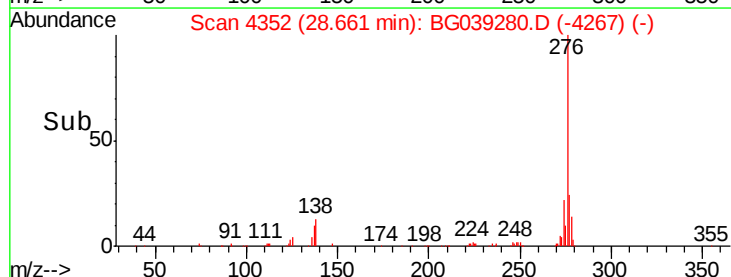
277 25.3 20.3 30.5

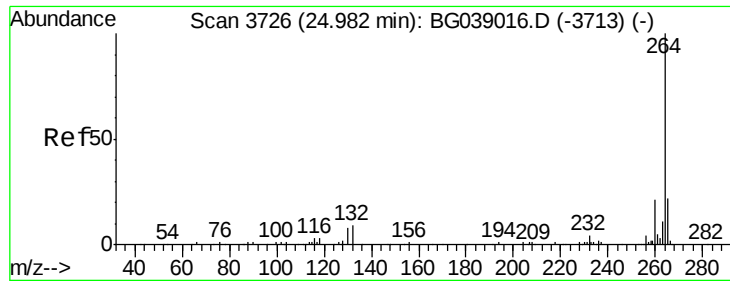


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

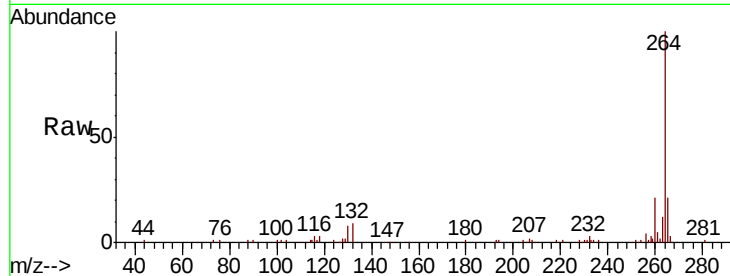
Tgt Ion:264 Resp: 135885

Ion Ratio Lower Upper

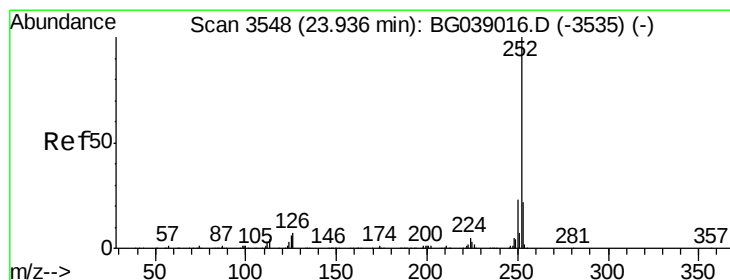
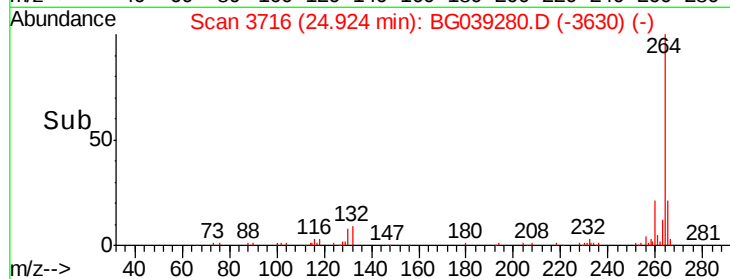
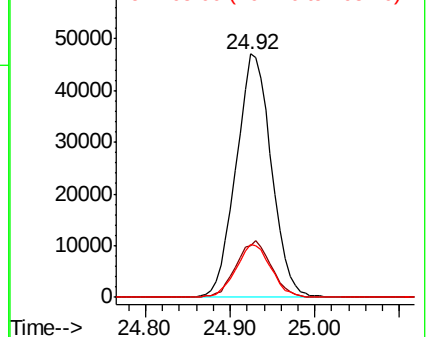
264 100

260 21.2 17.0 25.6

265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.977 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

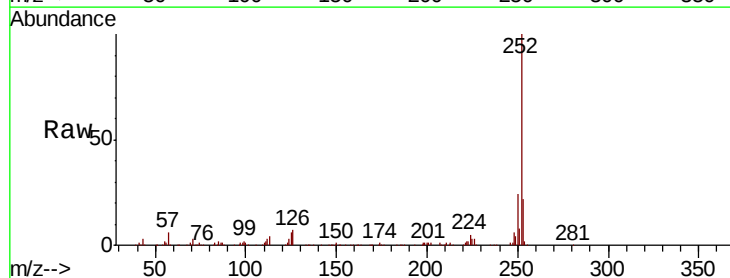
Tgt Ion:252 Resp: 366968

Ion Ratio Lower Upper

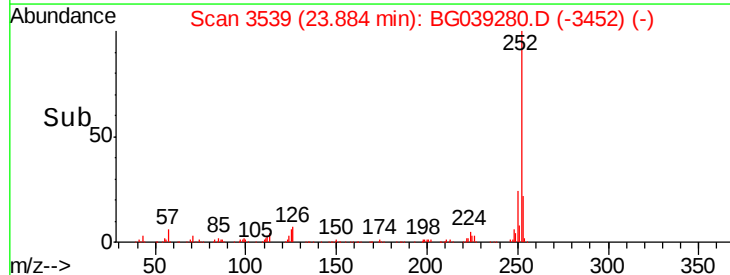
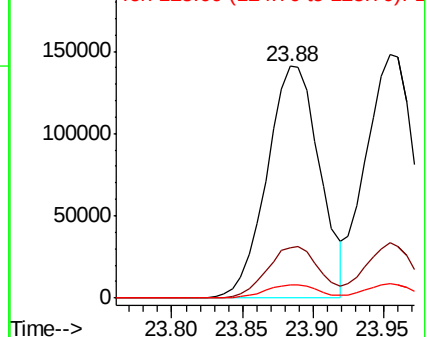
252 100

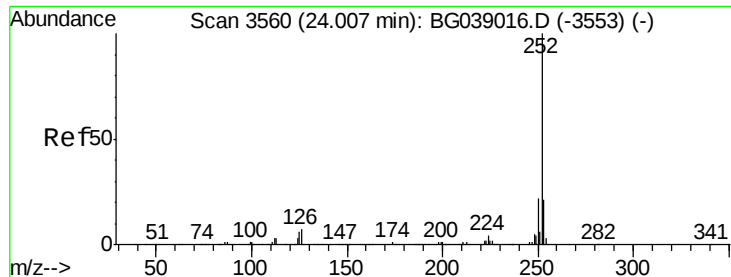
253 22.0 17.8 26.6

125 5.6 4.9 7.3



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





#89

Benzo(k)fluoranthene

Concen: 48.383 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

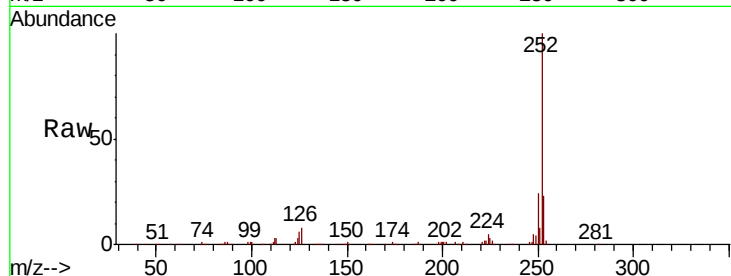
Tgt Ion:252 Resp: 358434

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

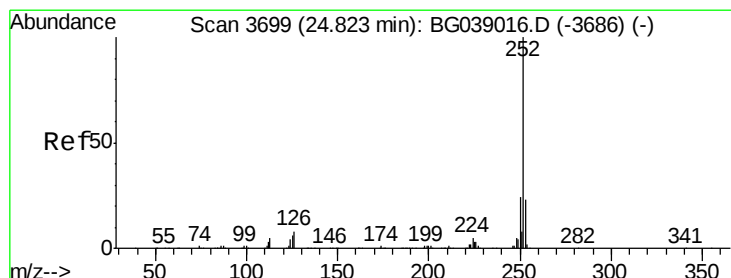
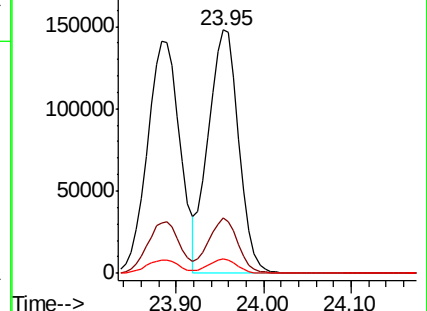
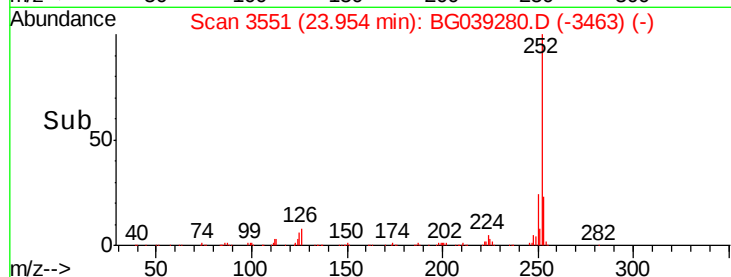
125 5.8 4.6 7.0



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: 49.490 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

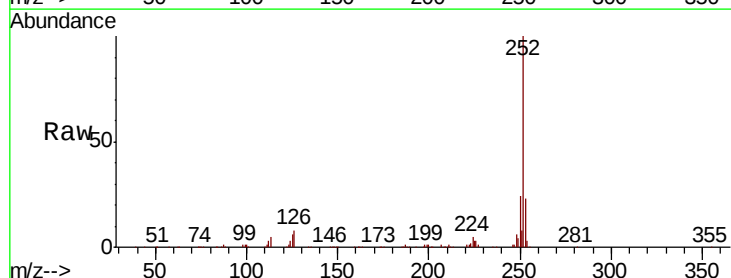
Tgt Ion:252 Resp: 358420

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

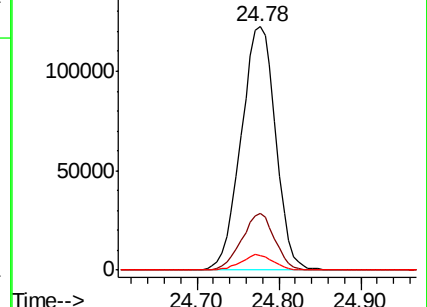
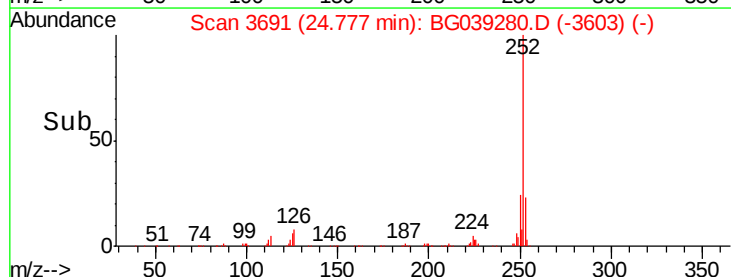
125 6.1 4.9 7.3

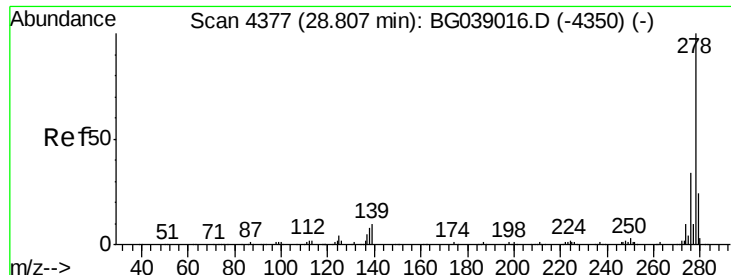


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.952 ng

RT: 28.73 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB116613BS

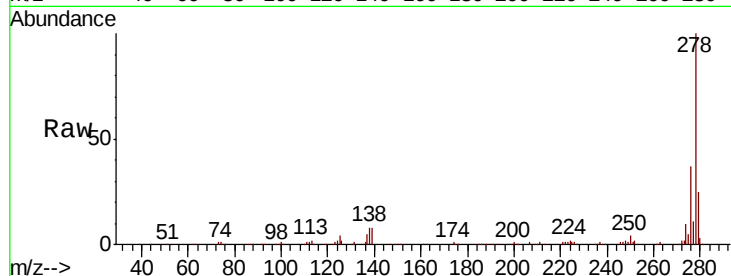
Tgt Ion:278 Resp: 359838

Ion Ratio Lower Upper

278 100

139 8.4 7.9 11.9

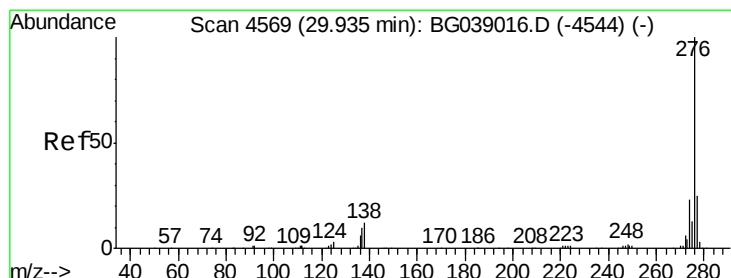
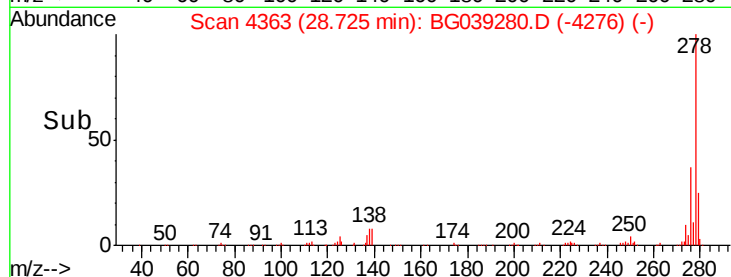
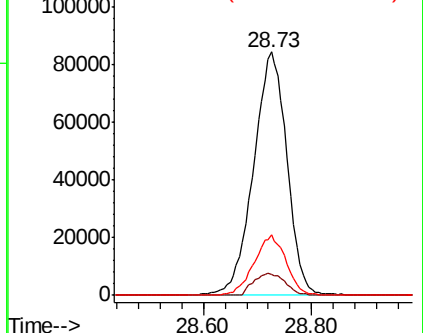
279 24.7 19.3 28.9



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: 49.414 ng

RT: 29.85 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG039280.D

Acq: 25 Jan 2019 16:03

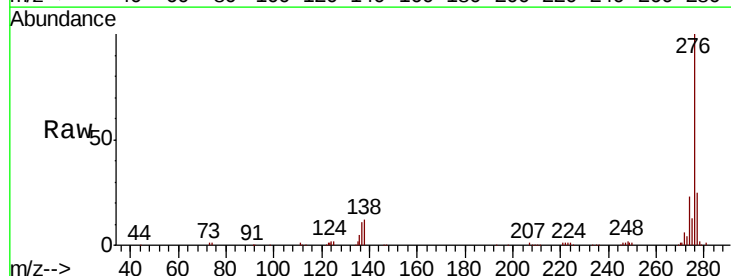
Tgt Ion:276 Resp: 352399

Ion Ratio Lower Upper

276 100

277 24.5 20.3 30.5

138 11.7 9.4 14.2



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

