

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039447.D
 Acq On : 11 Feb 2019 23:25
 Operator : JU/SJ
 Sample : PB116997BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

Quant Time: Feb 12 00:18:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49855	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	237375	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	166039	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	389326	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	370776	20.00	ng	-0.02
87) Perylene-d12	25.21	264	387497	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	494954	169.92	ng	0.00
7) Phenol-d6	7.31	99	707675	165.05	ng	0.00
23) Nitrobenzene-d5	9.35	82	345183	90.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	284848	159.31	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	884077	76.38	ng	-0.01
79) Terphenyl-d14	20.13	244	1371867	78.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	42784	33.578	ng	94
3) Pyridine	4.00	79	119719	35.487	ng	98
4) n-Nitrosodimethylamine	3.92	42	66988	39.705	ng	84
6) Aniline	7.50	93	158574	29.525	ng	97
8) 2-Chlorophenol	7.73	128	158492	49.776	ng	96
9) Benzaldehyde	7.31	77	74987	33.388	ng	96
10) Phenol	7.34	94	216916	48.531	ng	100
11) bis(2-Chloroethyl)ether	7.59	93	143428	40.610	ng	97
12) 1,3-Dichlorobenzene	8.06	146	153073	39.684	ng	94
13) 1,4-Dichlorobenzene	8.21	146	154762	40.254	ng	98
14) 1,2-Dichlorobenzene	8.53	146	149645	40.207	ng	99
15) Benzyl Alcohol	8.41	79	150800	44.798	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	285007	35.734	ng	99
17) 2-Methylphenol	8.60	107	143110	49.477	ng	97
18) Hexachloroethane	9.26	117	54077	40.883	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	124653	40.960	ng	94
20) 3+4-Methylphenols	8.93	107	198915	49.940	ng	97
22) Acetophenone	9.00	105	235610	36.951	ng	# 95
24) Nitrobenzene	9.39	77	182305	44.411	ng	96
25) Isophorone	9.90	82	361252	42.903	ng	100
26) 2-Nitrophenol	10.10	139	85618	51.896	ng	98
27) 2,4-Dimethylphenol	10.14	122	168890	49.584	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	221907	42.787	ng	98
29) 2,4-Dichlorophenol	10.63	162	180425	48.466	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	173478	41.507	ng	95
31) Naphthalene	11.04	128	500581	42.509	ng	99
32) Benzoic acid	10.21	122	13085	13.785	ng	91
33) 4-Chloroaniline	11.15	127	110394	20.218	ng	98
34) Hexachlorobutadiene	11.31	225	107195	38.566	ng	96
35) Caprolactam	11.94	113	61093	39.658	ng	# 88
36) 4-Chloro-3-methylphenol	12.25	107	196426	45.624	ng	96
37) 2-Methylnaphthalene	12.64	142	387626	44.442	ng	97
38) 1-Methylnaphthalene	12.85	142	366374	43.577	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	210515	39.849	ng	98

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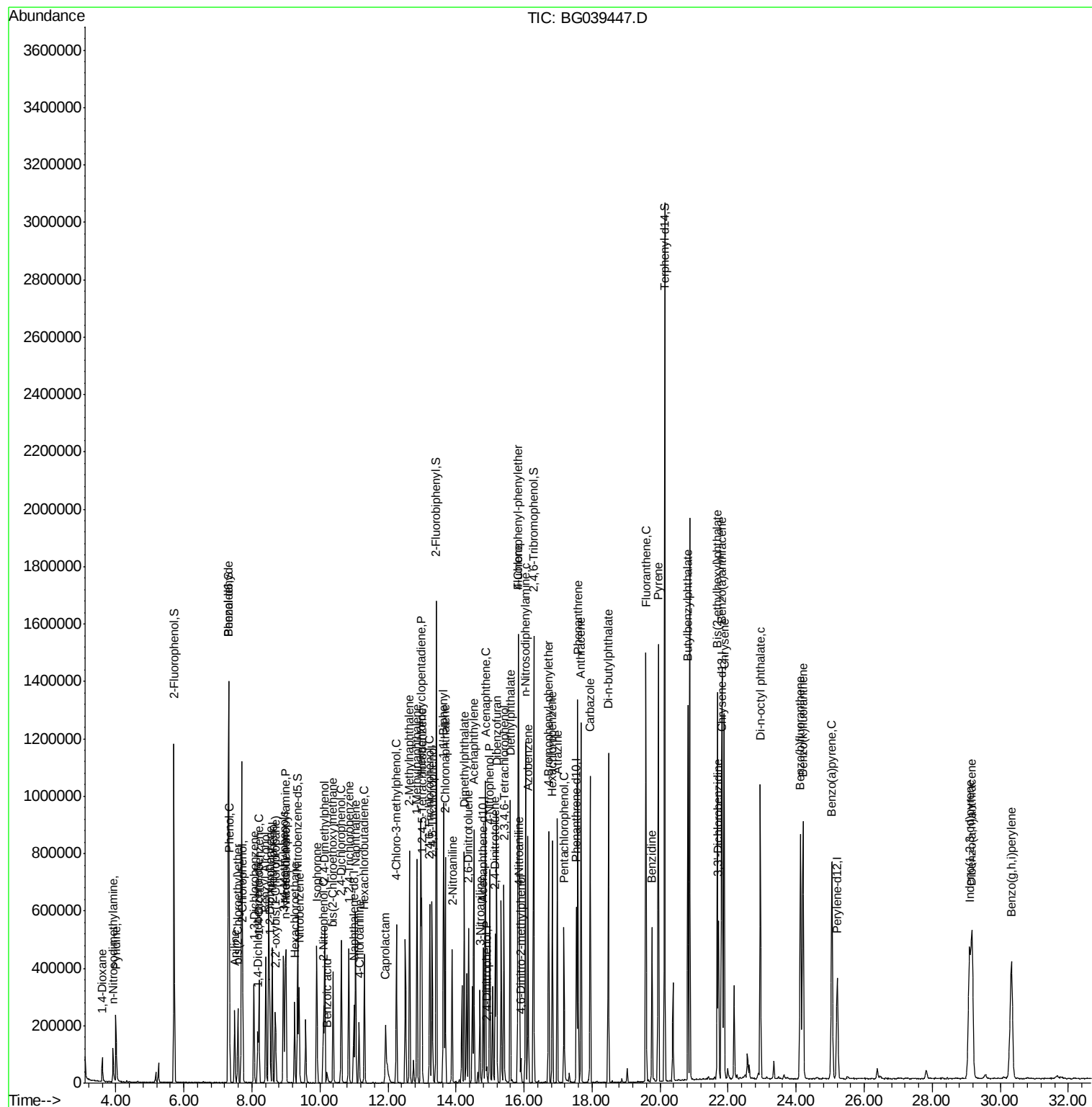
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	267510	92.927	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	150604	46.365	ng	96
44) 2,4,5-Trichlorophenol	13.30	196	161831	47.536	ng	97
46) 1,1'-Biphenyl	13.63	154	530511	38.401	ng	99
47) 2-Chloronaphthalene	13.68	162	410010	39.452	ng	99
48) 2-Nitroaniline	13.89	65	137188	46.307	ng	90
49) Acenaphthylene	14.52	152	666642	42.511	ng	100
50) Dimethylphthalate	14.25	163	544559	40.609	ng	100
51) 2,6-Dinitrotoluene	14.37	165	121087	48.271	ng	94
52) Acenaphthene	14.86	154	409240	40.203	ng	97
53) 3-Nitroaniline	14.70	138	79365	31.599	ng	# 90
54) 2,4-Dinitrophenol	14.90	184	13175	19.681	ng	93
55) Dibenzofuran	15.19	168	661758	40.547	ng	100
56) 4-Nitrophenol	14.99	139	194055	80.032	ng	91
57) 2,4-Dinitrotoluene	15.16	165	166676	51.279	ng	# 86
58) Fluorene	15.84	166	518397	42.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	150984	47.367	ng	97
60) Diethylphthalate	15.60	149	544410	39.265	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	276600	40.151	ng	99
62) 4-Nitroaniline	15.87	138	120543	43.316	ng	92
63) Azobenzene	16.12	77	492546	36.346	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	20001	18.886	ng	92
66) n-Nitrosodiphenylamine	16.04	169	474670	40.097	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	177836	41.174	ng	94
68) Hexachlorobenzene	16.83	284	181630	41.914	ng	97
69) Atrazine	16.98	200	180952	41.828	ng	97
70) Pentachlorophenol	17.18	266	112807	37.455	ng	98
71) Phenanthrene	17.58	178	836019	41.489	ng	100
72) Anthracene	17.68	178	843167	42.481	ng	98
73) Carbazole	17.94	167	720037	36.351	ng	99
74) Di-n-butylphthalate	18.48	149	860121	37.220	ng	99
75) Fluoranthene	19.58	202	947053	40.493	ng	99
77) Benzidine	19.76	184	304605	25.058	ng	99
78) Pyrene	19.94	202	937656	40.623	ng	98
80) Butylbenzylphthalate	20.81	149	390710	40.127	ng	94
81) Benzo(a)anthracene	21.81	228	921124	42.043	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	200451	24.675	ng	99
83) Chrysene	21.88	228	863096	41.384	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	543839	39.151	ng	99
85) Di-n-octyl phthalate	22.95	149	943044	41.093	ng	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1049558	46.904	ng	99
88) Benzo(b)fluoranthene	24.13	252	902291	42.697	ng	99
89) Benzo(k)fluoranthene	24.20	252	898129	42.332	ng	99
90) Benzo(a)pyrene	25.05	252	888448	43.654	ng	98
91) Dibenzo(a,h)anthracene	29.17	278	842083	44.181	ng	98
92) Benzo(g,h,i)perylene	30.32	276	871771	45.889	ng	98

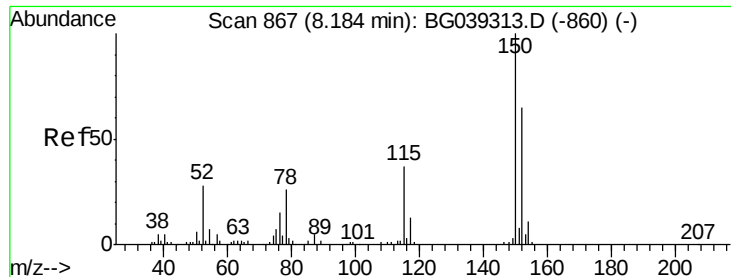
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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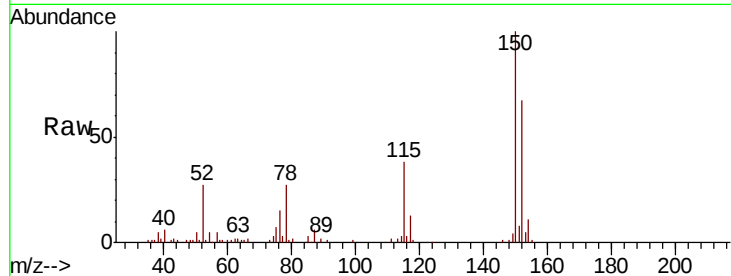


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.7	185.5
115	57.5	45.9	68.9

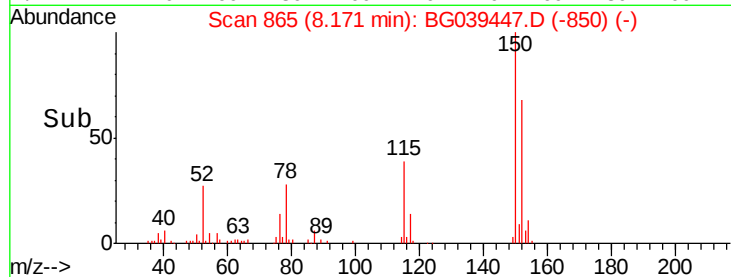
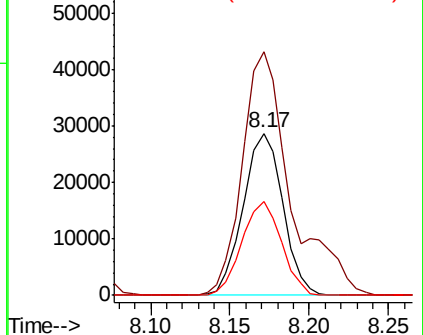


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

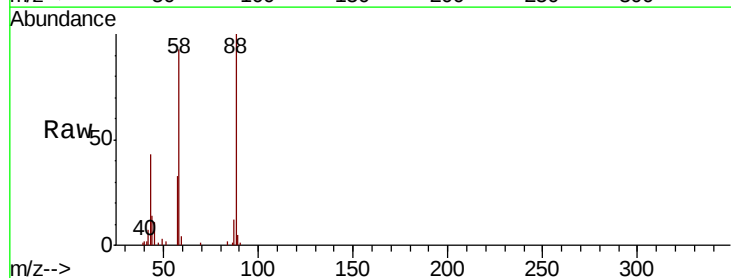
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.578 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	81.1	121.7
43	35.8	31.4	47.0

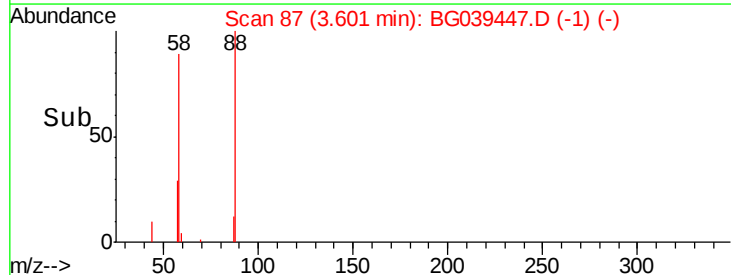
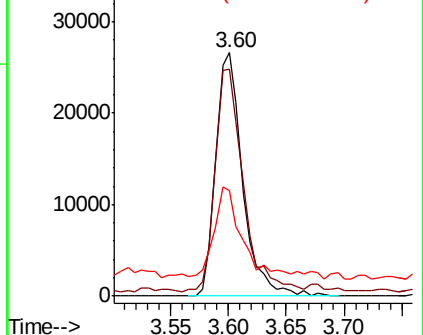


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.487 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

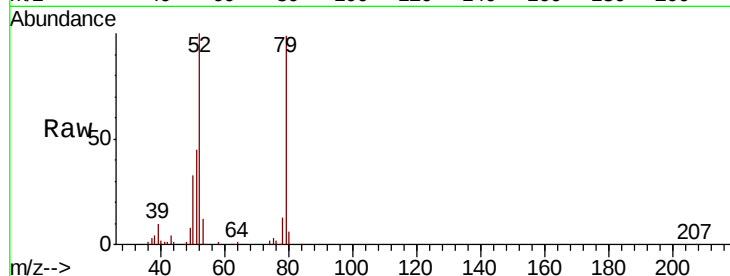
Tot Ion: 79 Resp: 119719

Ion Ratio Lower Upper

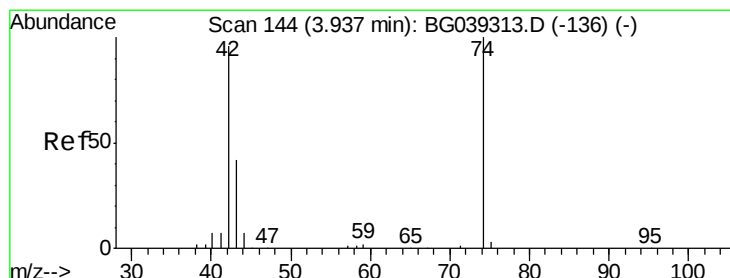
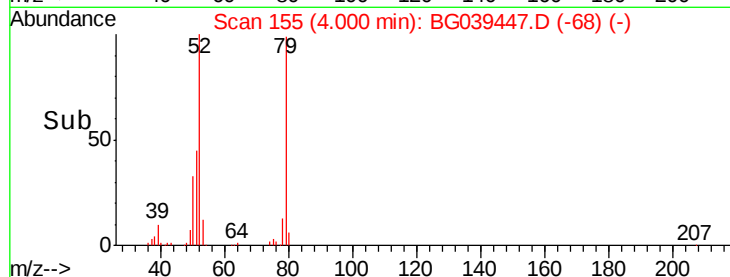
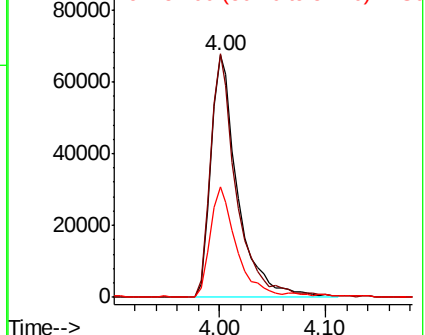
79 100

52 100.5 82.6 124.0

51 45.7 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 39.705 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

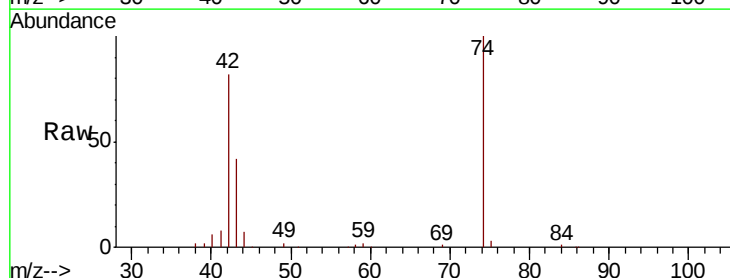
Tgt Ion: 42 Resp: 66988

Ion Ratio Lower Upper

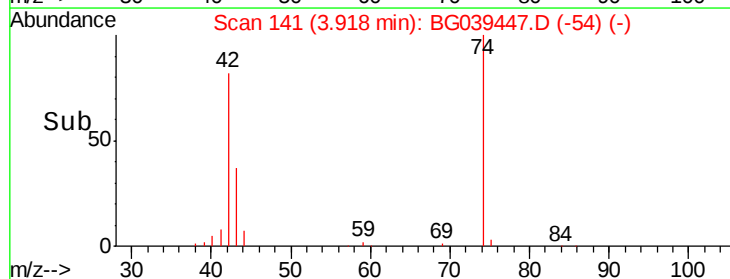
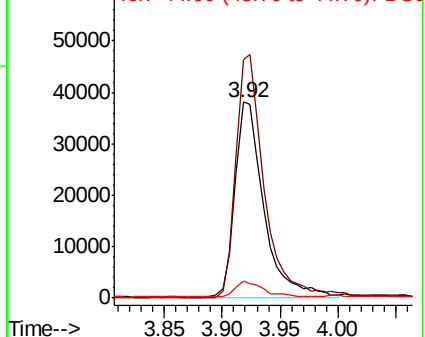
42 100

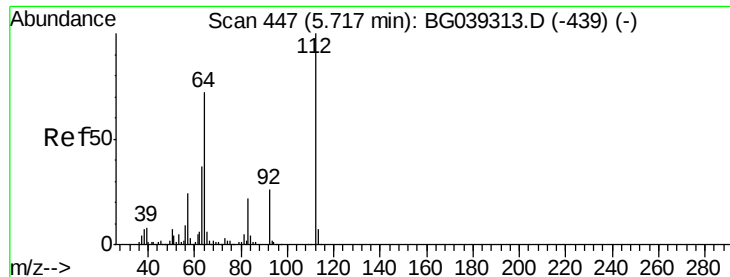
74 121.9 83.6 125.4

44 8.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 169.916 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

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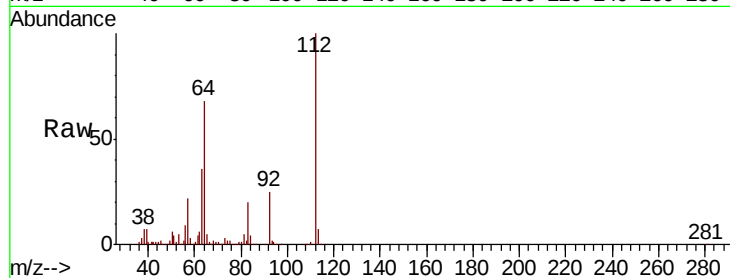
Tot Ion:112 Resp: 494954

Ion Ratio Lower Upper

112 100

64 68.3 57.8 86.8

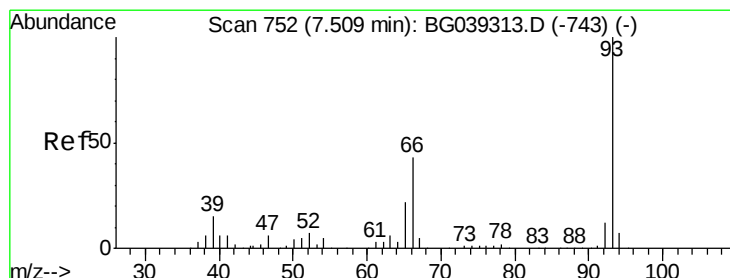
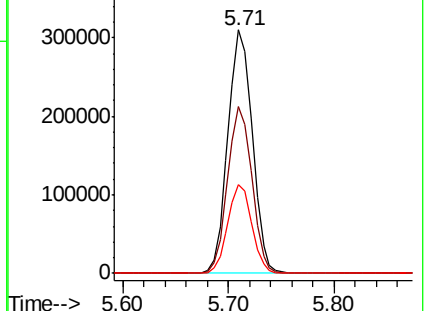
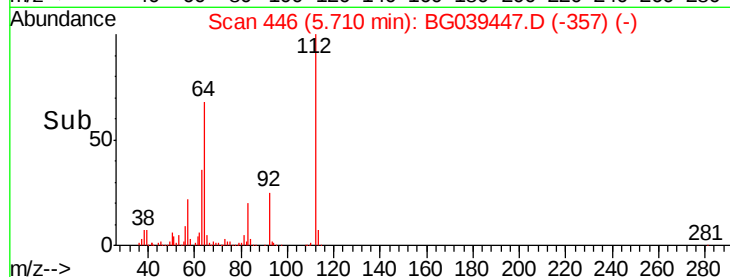
63 36.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.525 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

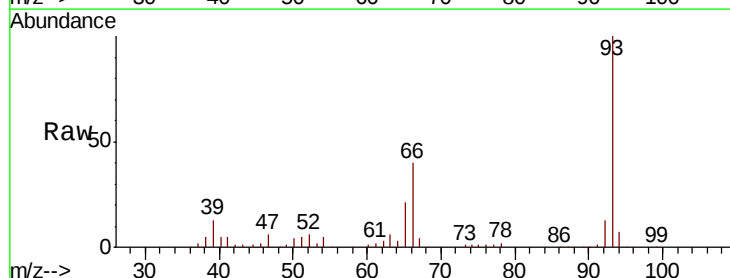
Tgt Ion: 93 Resp: 158574

Ion Ratio Lower Upper

93 100

66 40.0 34.2 51.4

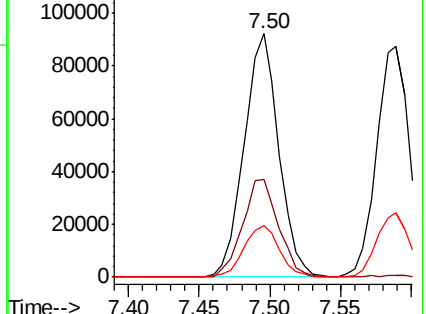
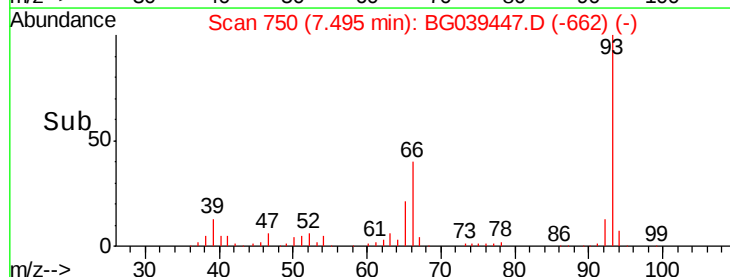
65 21.4 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.046 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

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ClientSampled :

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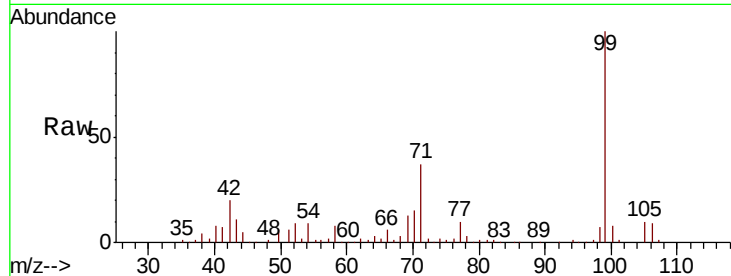
Tot Ion: 99 Resp: 707675

Ion Ratio Lower Upper

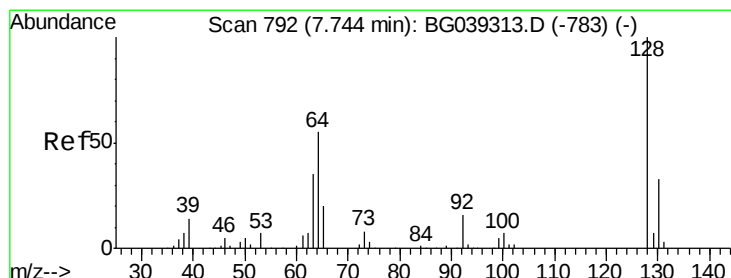
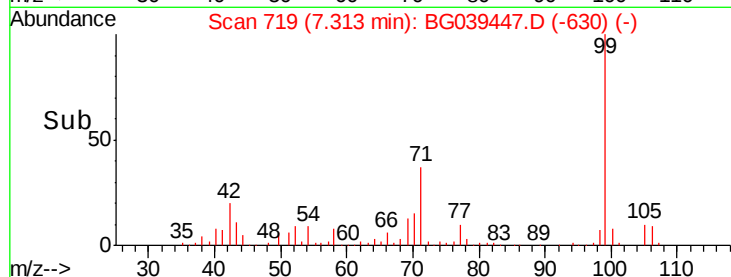
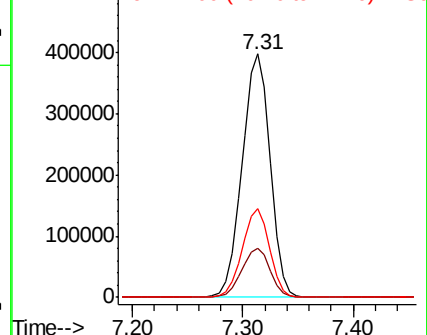
99 100

42 20.2 18.2 27.2

71 36.6 28.0 42.0



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



#8

2-Chlorophenol

Concen: 49.776 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

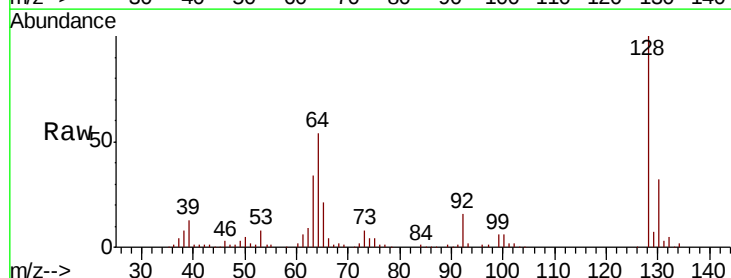
Tgt Ion: 128 Resp: 158492

Ion Ratio Lower Upper

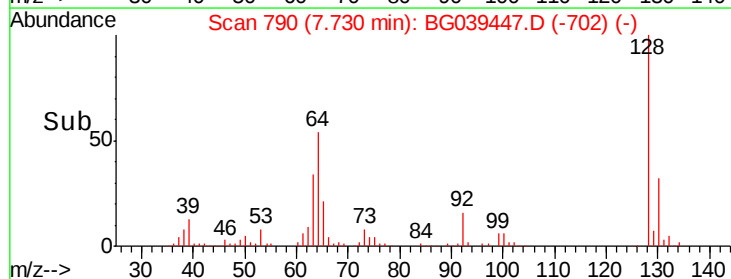
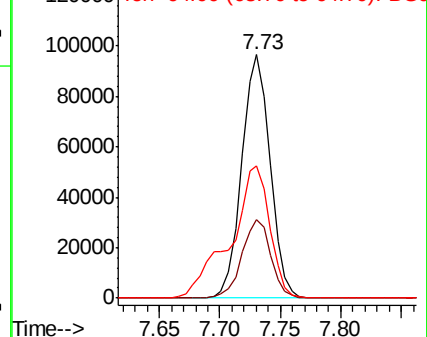
128 100

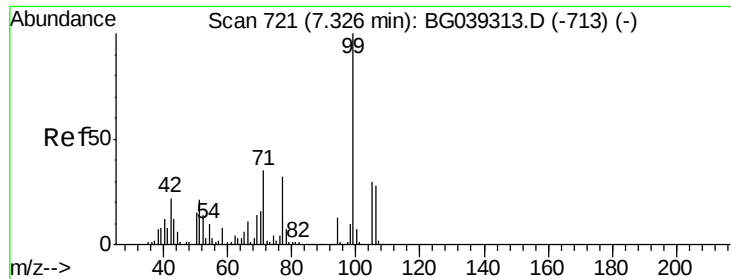
130 32.2 12.9 52.9

64 54.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 33.388 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

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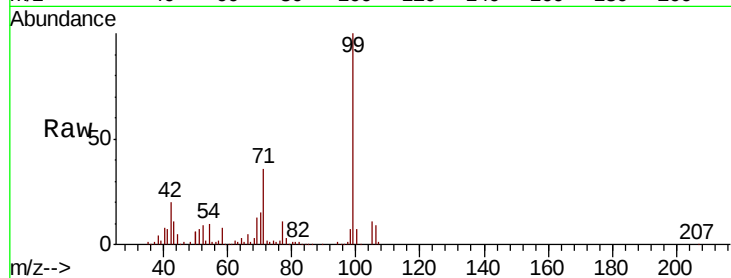
Tot Ion: 77 Resp: 74987

Ion Ratio Lower Upper

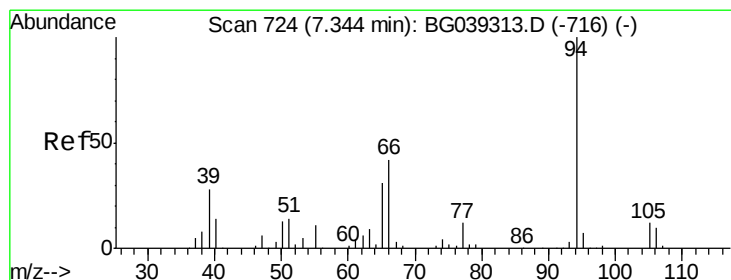
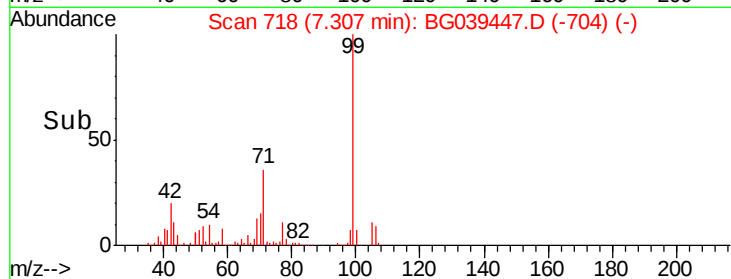
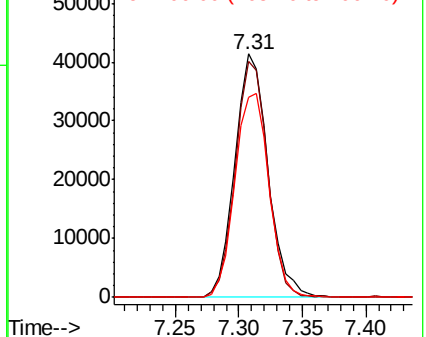
77 100

105 96.7 74.5 114.5

106 82.1 68.0 108.0



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



#10

Phenol

Concen: 48.531 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

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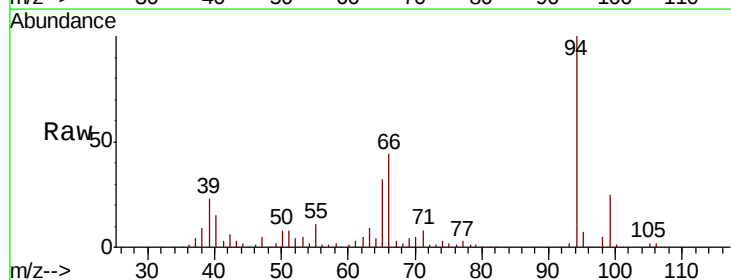
Tgt Ion: 94 Resp: 216916

Ion Ratio Lower Upper

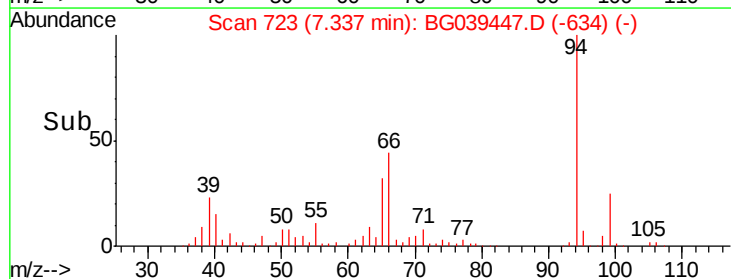
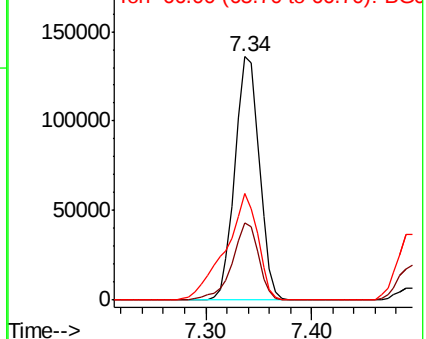
94 100

65 31.7 11.7 51.7

66 44.0 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 40.610 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

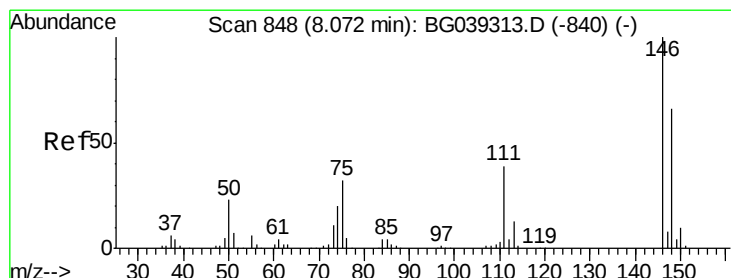
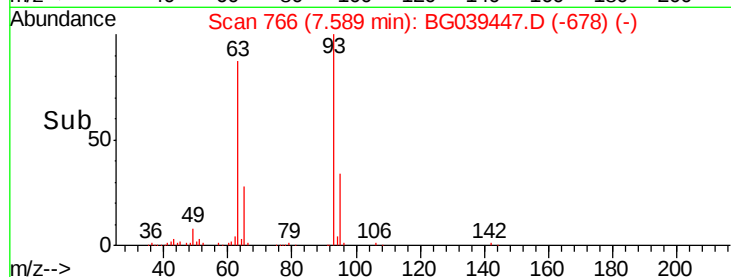
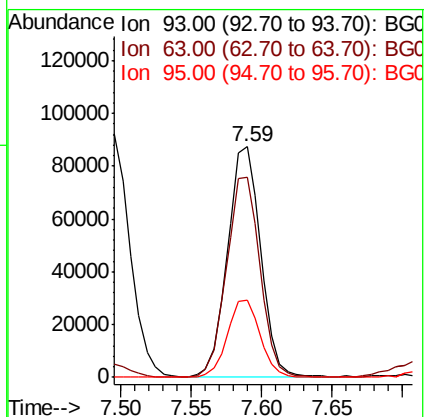
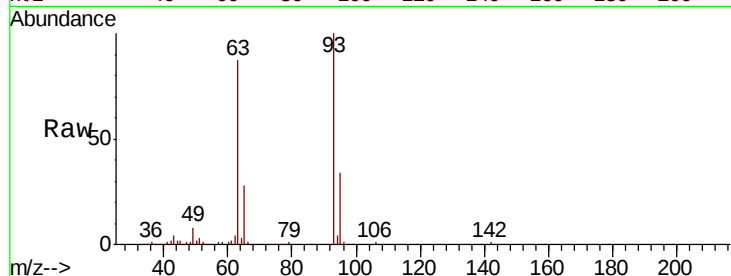
Tot Ion: 93 Resp: 143428

Ion Ratio Lower Upper

93 100

63 86.7 69.5 109.5

95 33.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.684 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

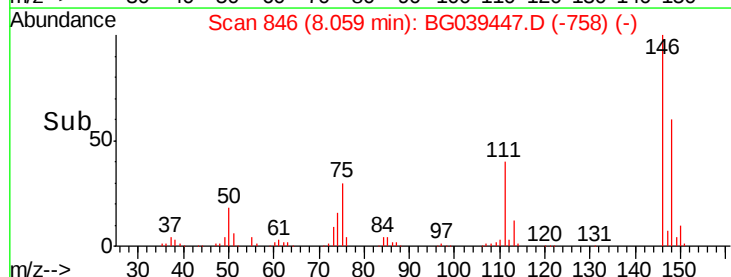
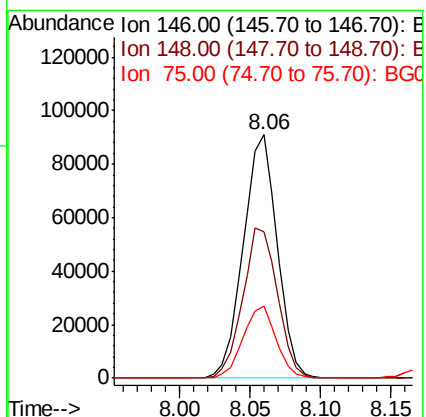
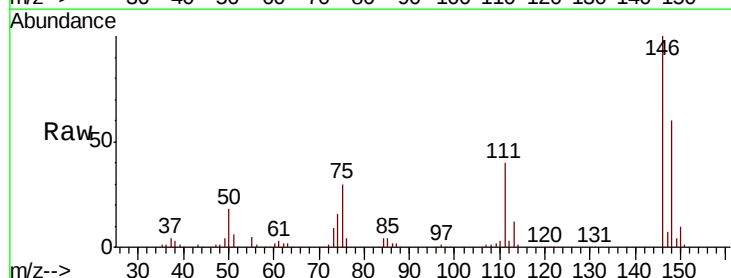
Tgt Ion: 146 Resp: 153073

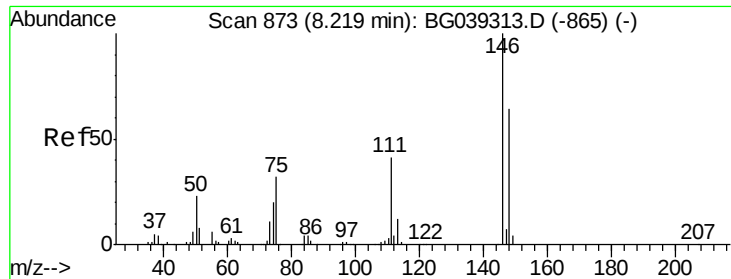
Ion Ratio Lower Upper

146 100

148 59.9 52.6 79.0

75 29.9 25.8 38.6

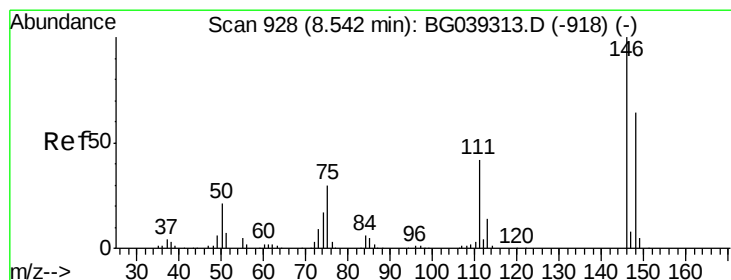
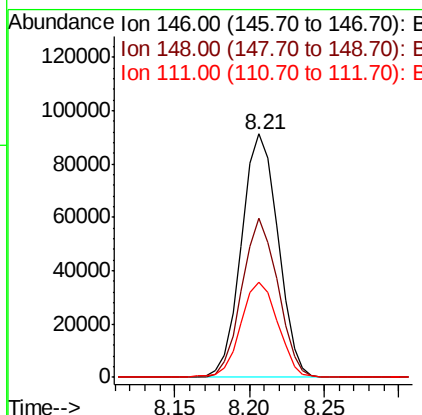
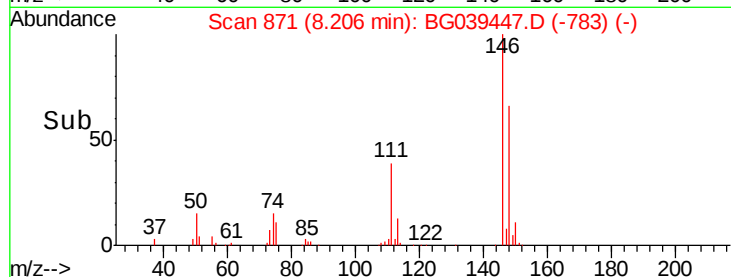
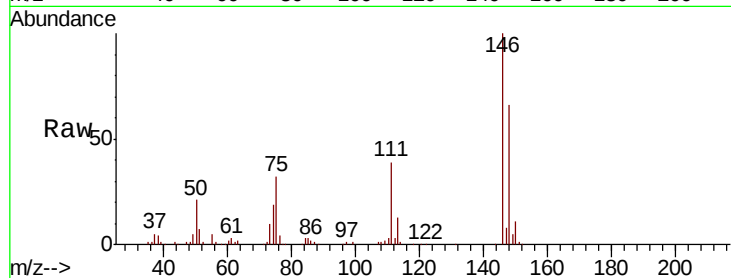




#13
 1,4-Dichlorobenzene
 Concen: 40.254 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

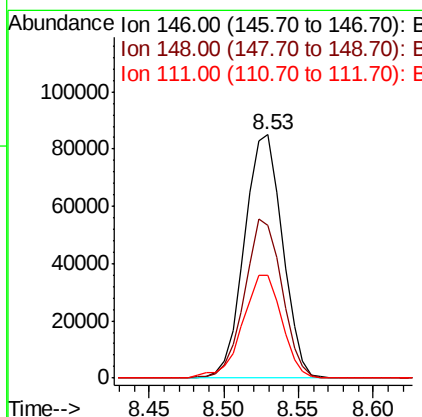
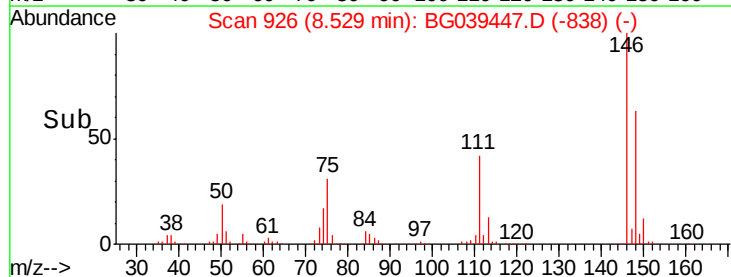
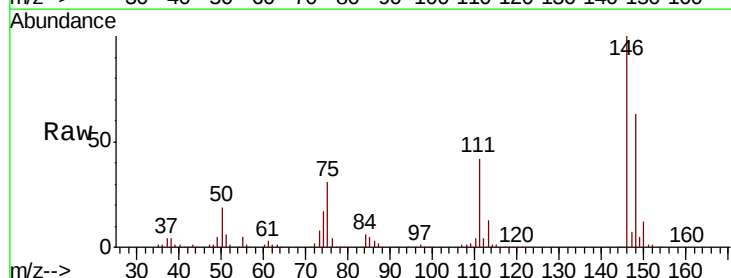
Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

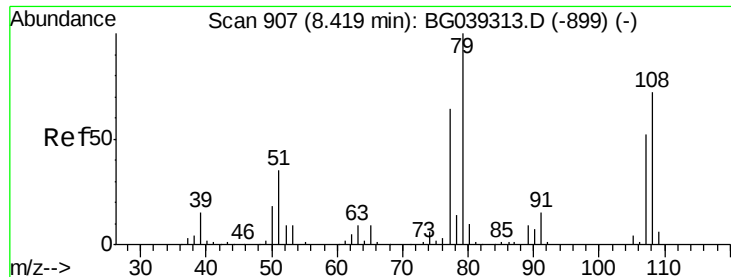
Tot Ion:146 Resp: 154762
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 39.2 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 40.207 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

Tgt Ion:146 Resp: 149645
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 111 42.4 33.8 50.6





#15

Benzyl Alcohol

Concen: 44.798 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

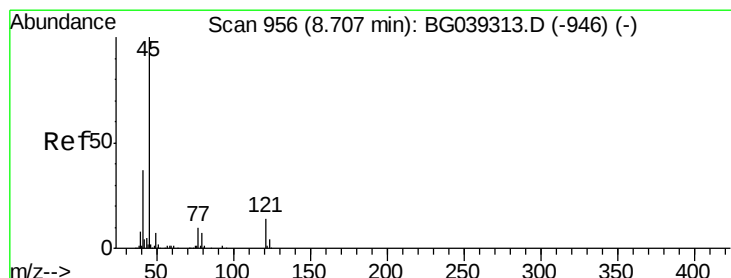
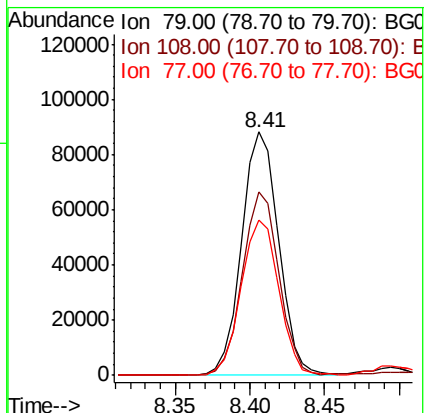
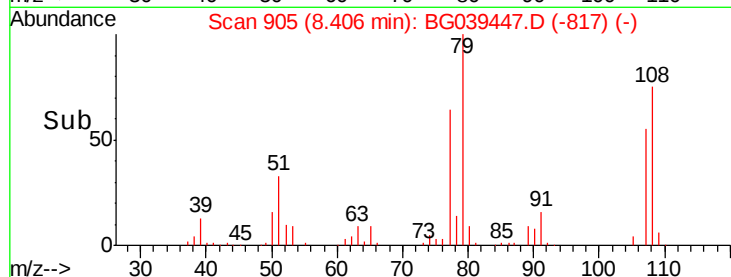
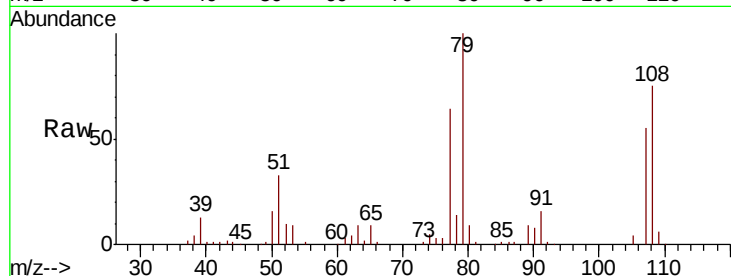
Tot Ion: 79 Resp: 150800

Ion Ratio Lower Upper

79 100

108 75.4 57.8 86.6

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.734 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

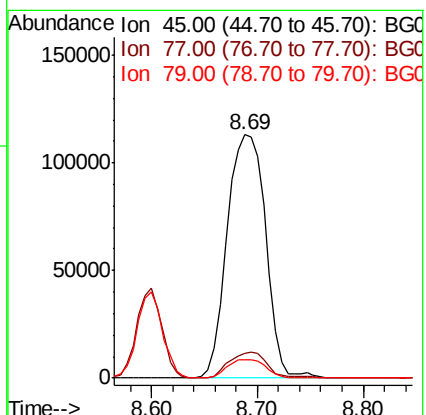
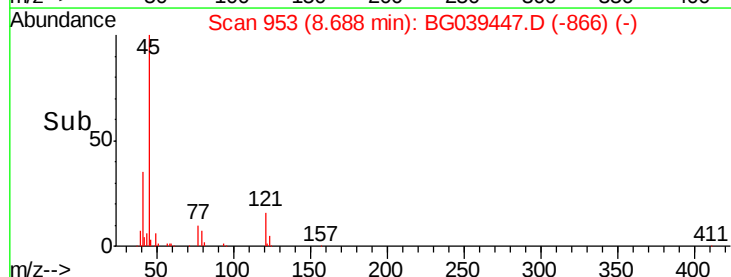
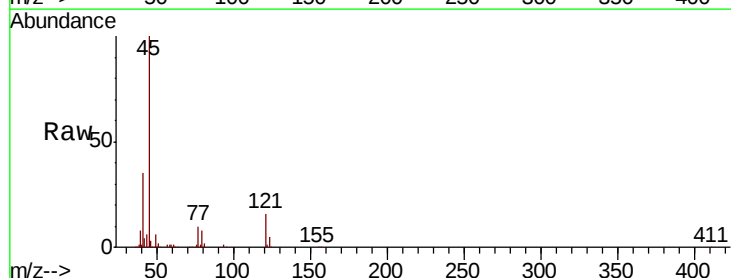
Tgt Ion: 45 Resp: 285007

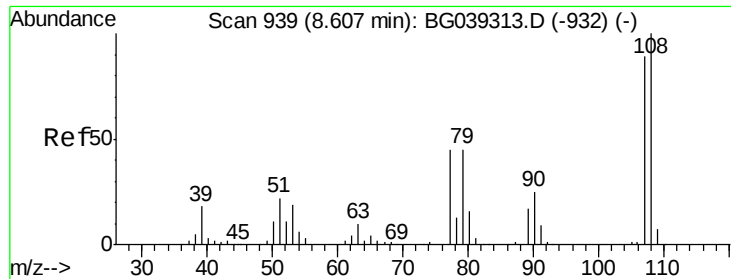
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 7.7 0.0 27.5

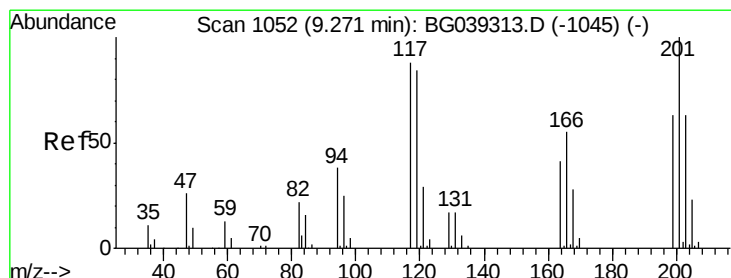
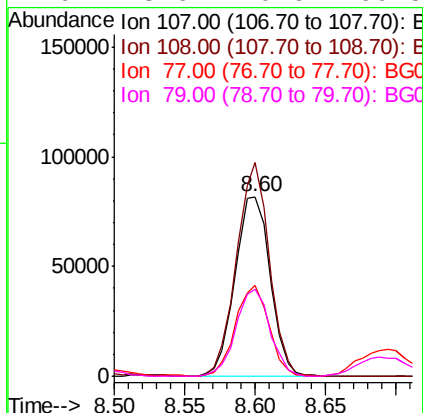
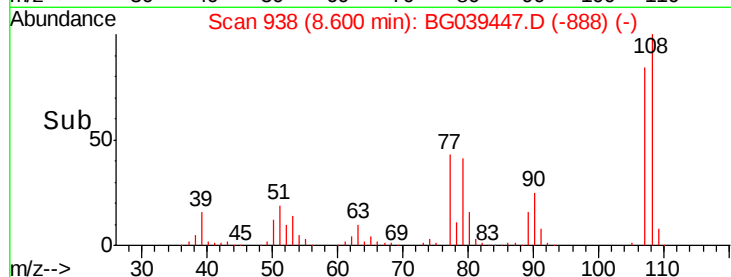
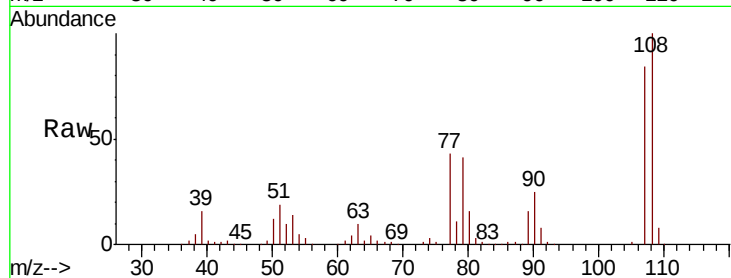




#17
2-Methylphenol
Concen: 49.477 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

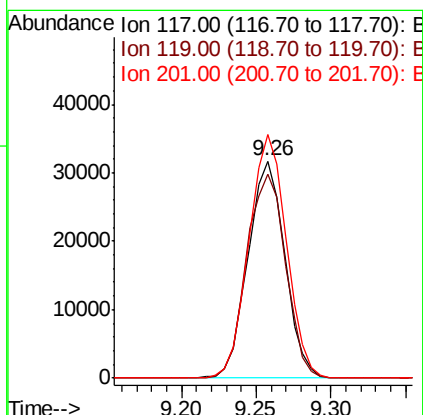
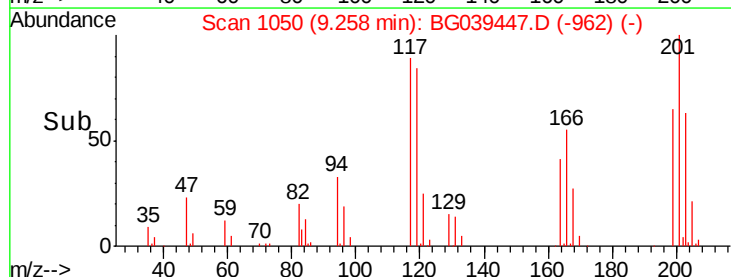
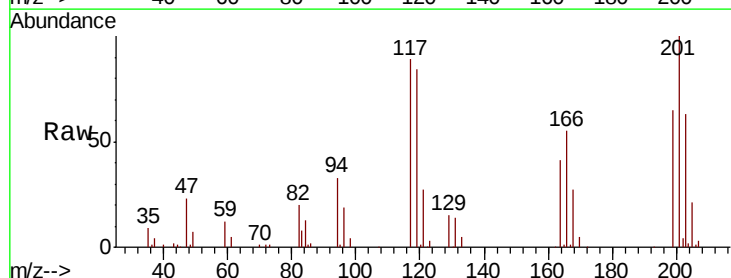
Instrument :
BNA_G
ClientSampleId :
PB116997BS

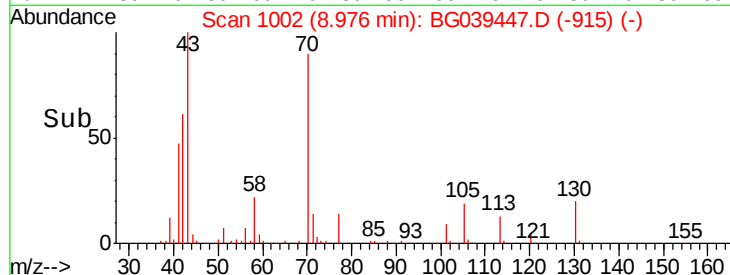
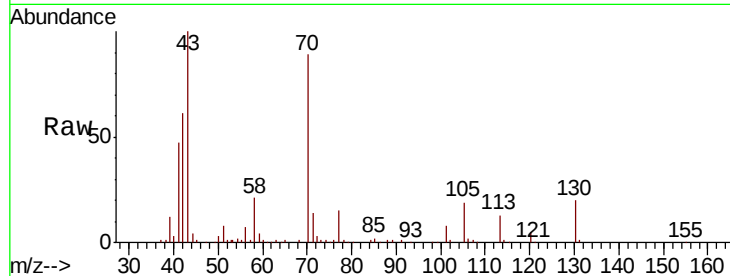
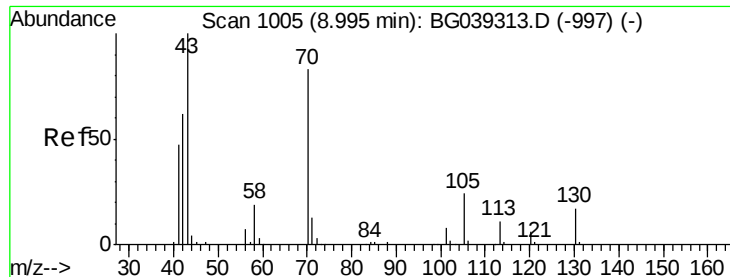
Tot Ion:	107	Resp:	143110
Ion	Ratio	Lower	Upper
107	100		
108	118.8	90.8	136.2
77	50.7	40.7	61.1
79	48.6	40.6	60.8



#18
Hexachloroethane
Concen: 40.883 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:	117	Resp:	54077
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.3	114.5
201	112.3	91.1	136.7

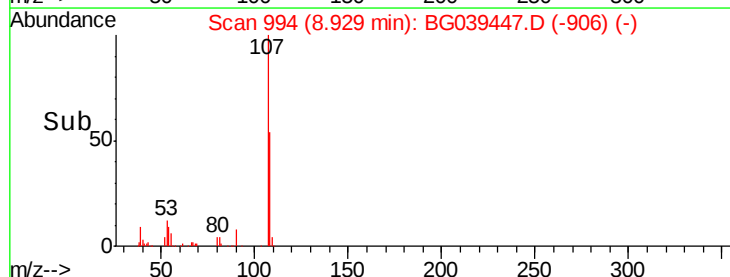
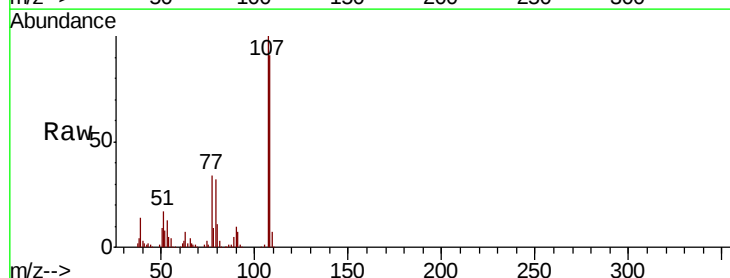
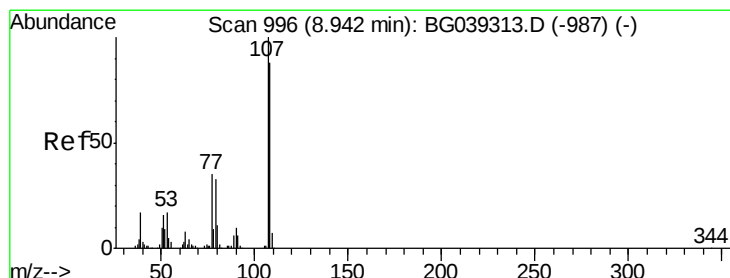
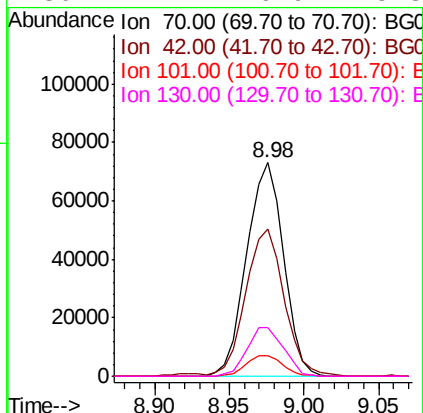




#19
n-Nitroso-di-n-propylamine
Concen: 40.960 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

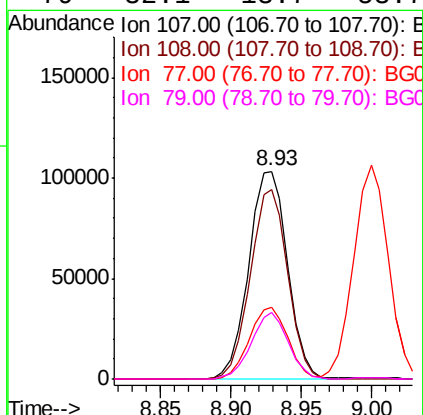
Instrument :
BNA_G
ClientSampleId :
PB116997BS

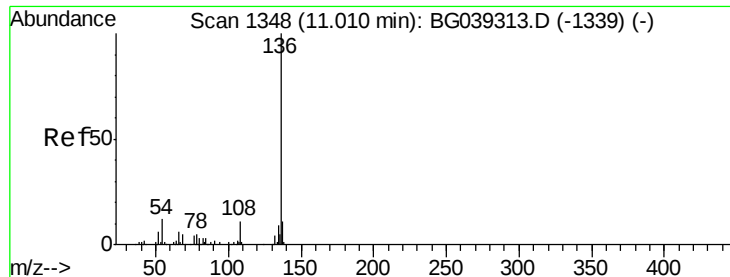
Tot Ion:	70	Resp:	124653
Ion	Ratio	Lower	Upper
70	100		
42	68.7	60.4	90.6
101	9.5	7.5	11.3
130	22.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 49.940 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:	107	Resp:	198915
Ion	Ratio	Lower	Upper
107	100		
108	91.1	67.9	107.9
77	34.5	15.4	55.4
79	32.1	13.7	53.7

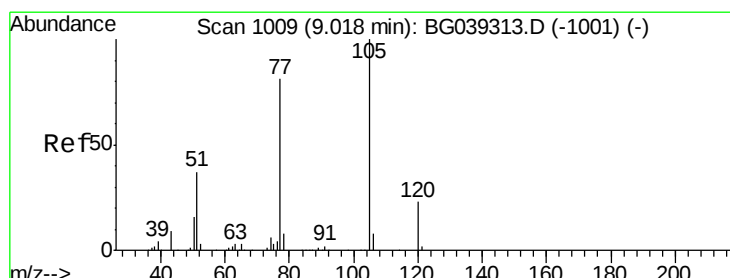
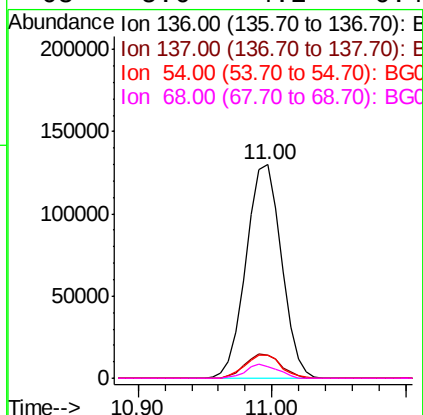
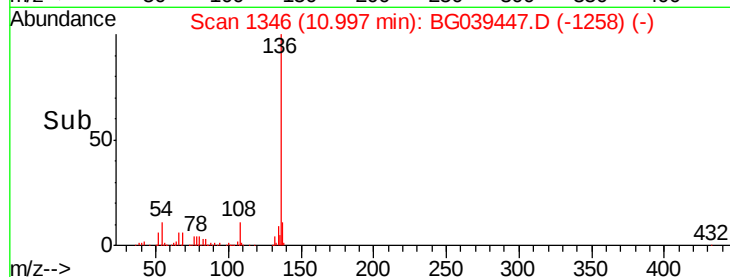
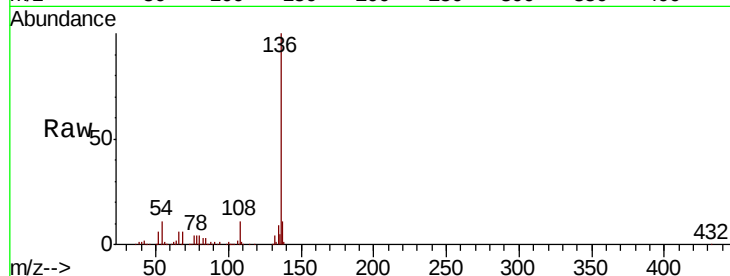




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

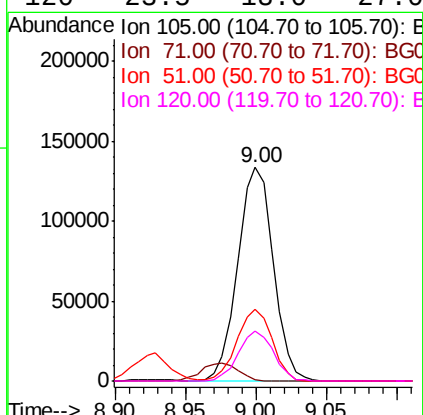
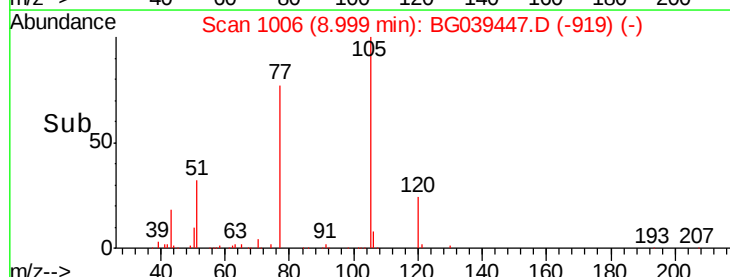
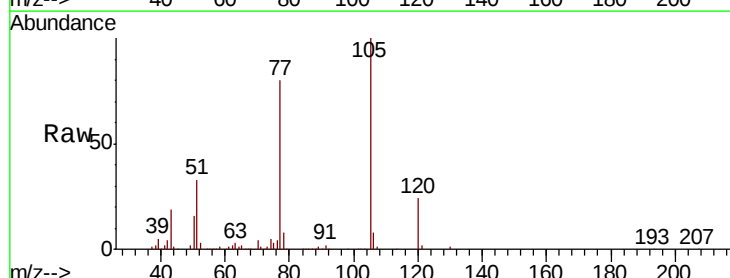
Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:136	Resp:	237375
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.1	13.7
54 10.7	9.4	14.2
68 5.6	4.2	6.4



#22
Acetophenone
Concen: 36.951 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt	Ion:105	Resp:	235610
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	33.5	30.2	45.2
120	23.5	18.0	27.0

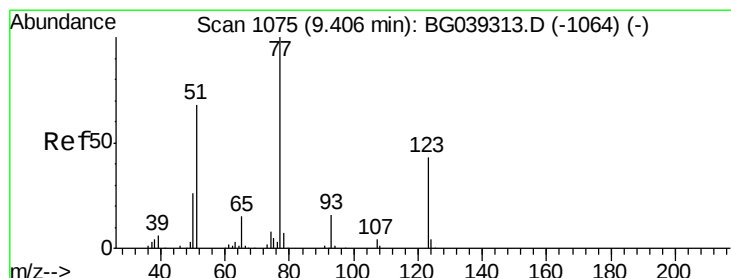
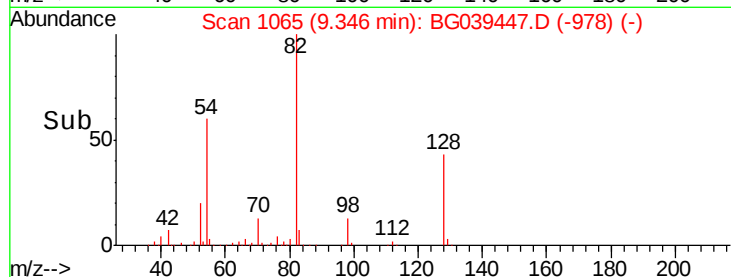
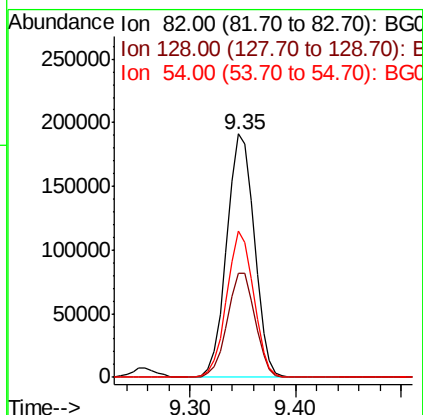
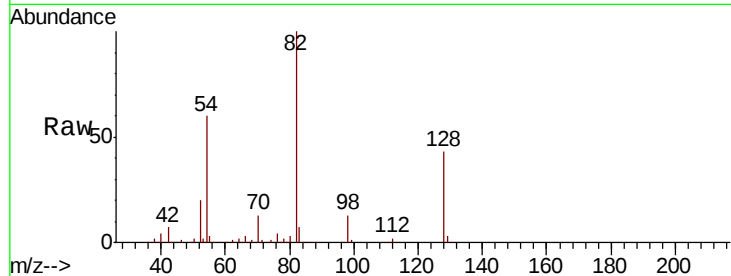




#23
Nitrobenzene-d5
Concen: 90.844 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

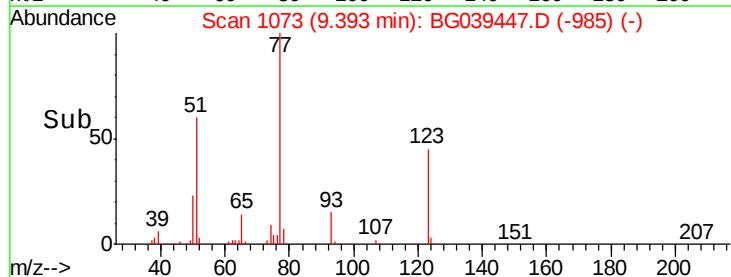
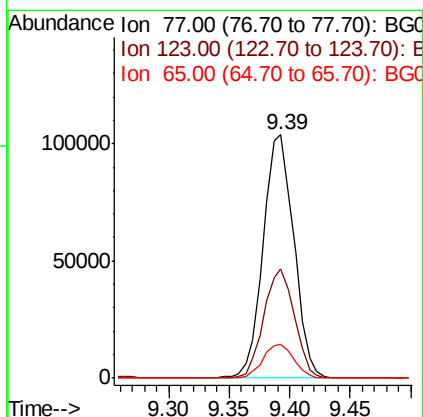
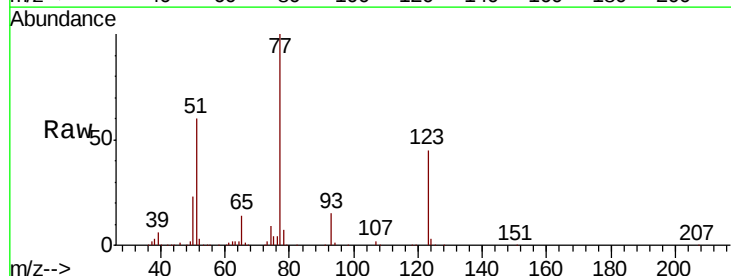
Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	82	Resp	345183
Ion Ratio	Lower	Upper	
82	100		
128	42.9	31.3	46.9
54	60.2	50.9	76.3



#24
Nitrobenzene
Concen: 44.411 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion	77	Resp	182305
Ion Ratio	Lower	Upper	
77	100		
123	45.1	34.1	51.1
65	13.9	12.3	18.5





#25

Isophorone

Concen: 42.903 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

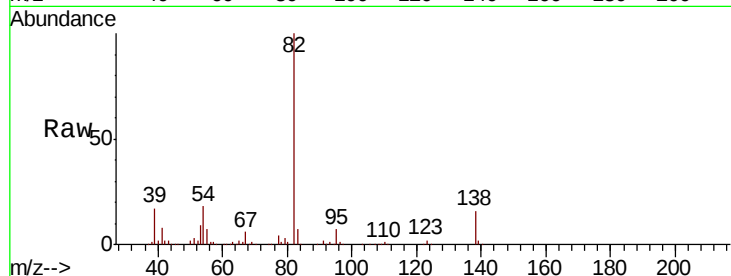
Tot Ion: 82 Resp: 361252

Ion Ratio Lower Upper

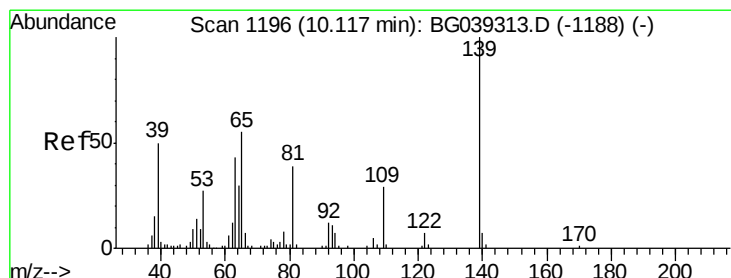
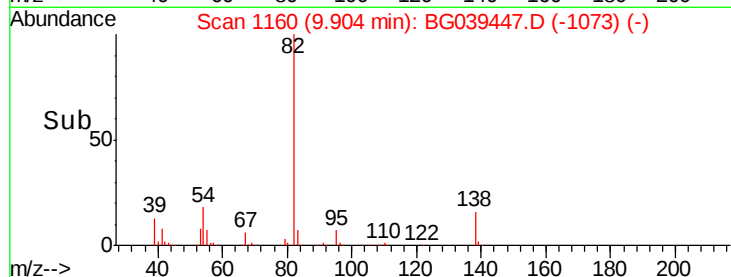
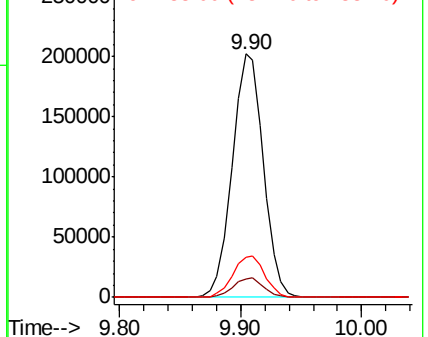
82 100

95 7.4 6.2 9.2

138 16.3 13.0 19.4



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



#26

2-Nitrophenol

Concen: 51.896 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

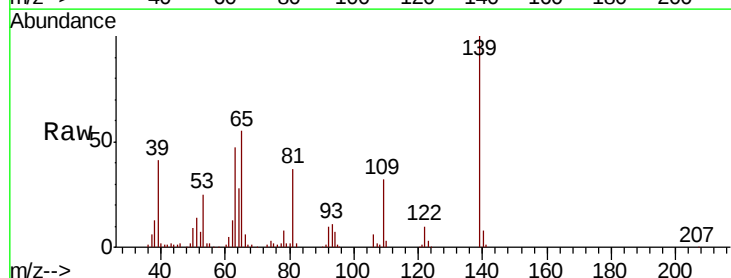
Tgt Ion: 139 Resp: 85618

Ion Ratio Lower Upper

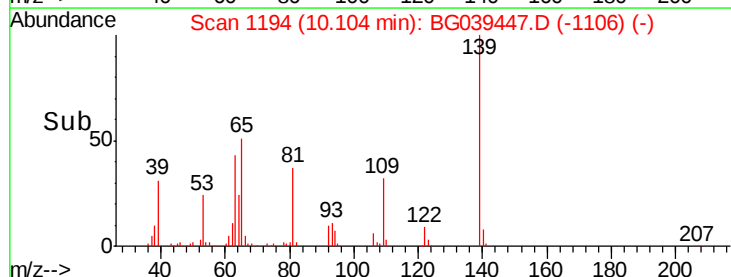
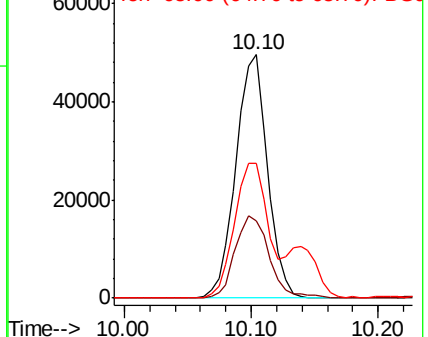
139 100

109 32.0 23.4 35.0

65 55.4 44.3 66.5



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

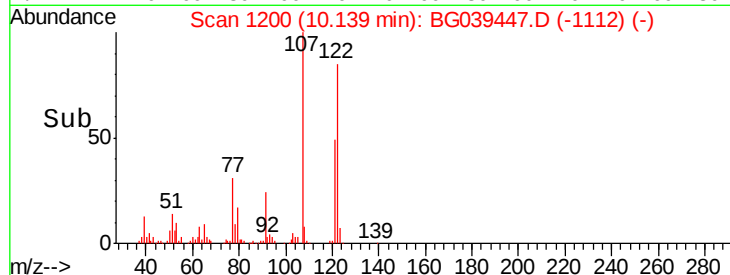
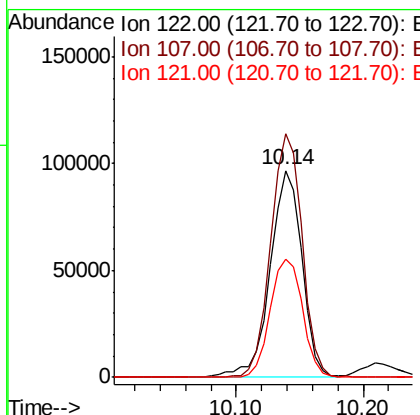
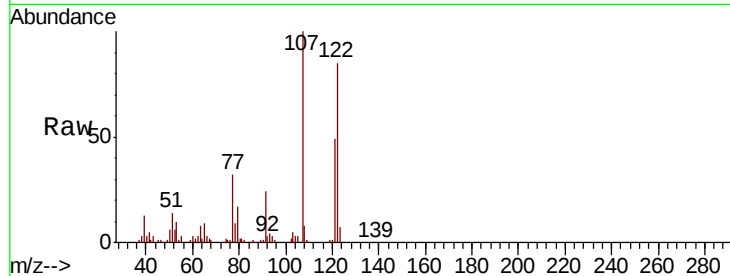




#27
 2,4-Dimethylphenol
 Concen: 49.584 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

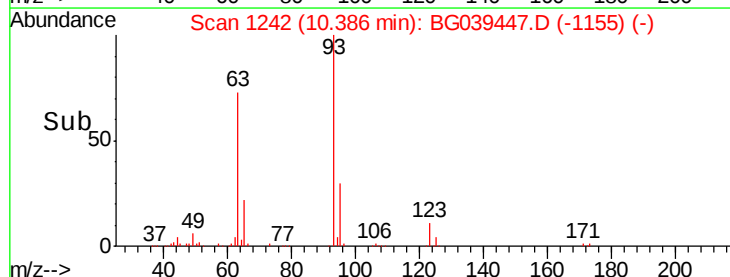
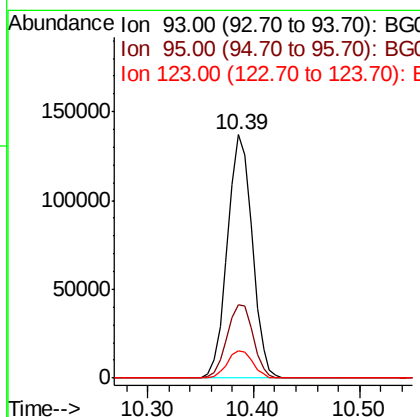
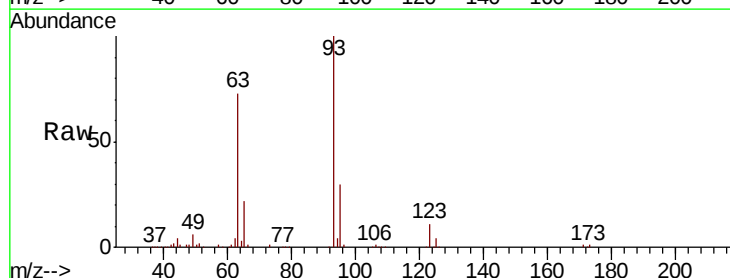
Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

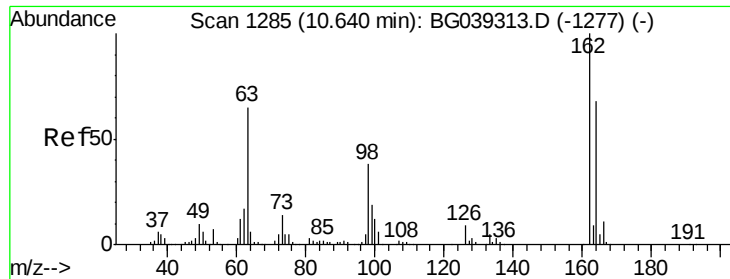
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.7	137.5
121	57.3	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.787 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.0	37.4
123	11.0	8.6	12.8

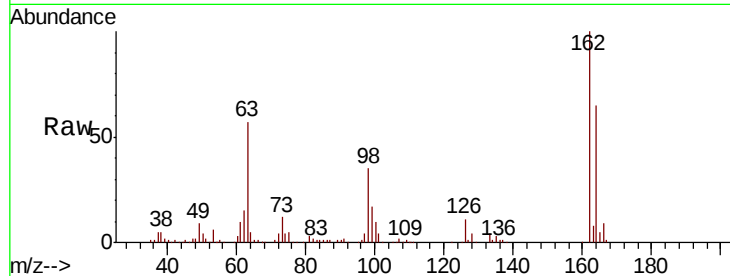




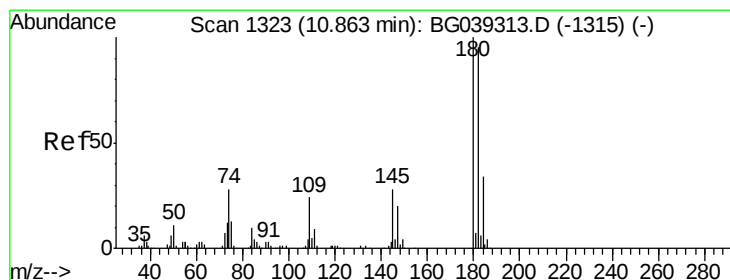
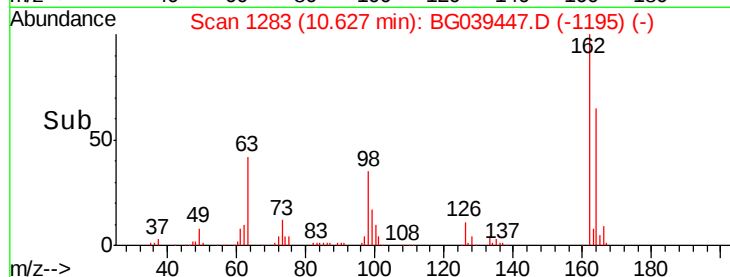
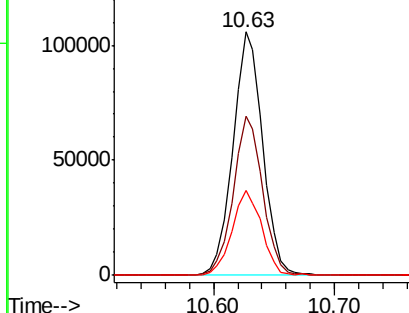
#29
2,4-Dichlorophenol
Concen: 48.466 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.1	88.1
98	35.0	18.1	58.1

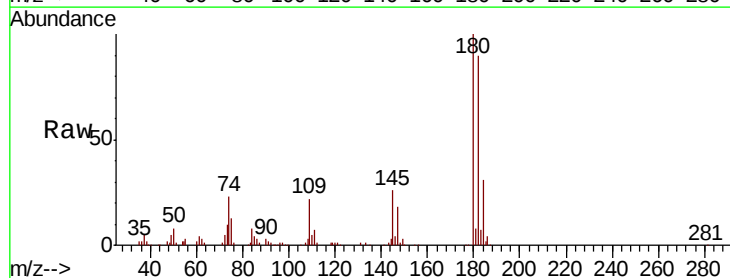


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

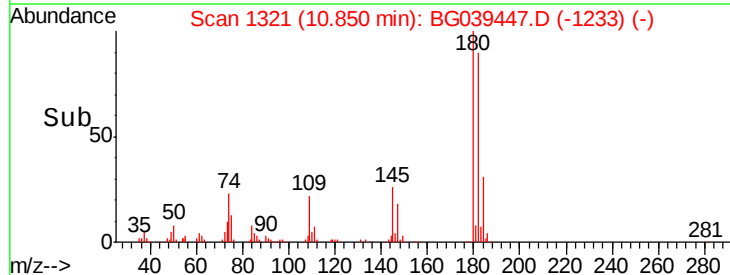
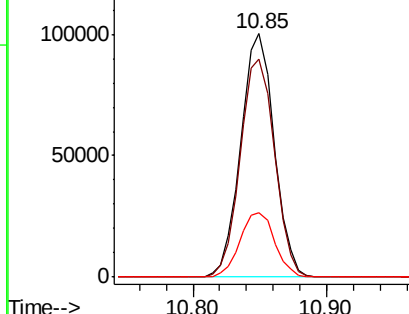


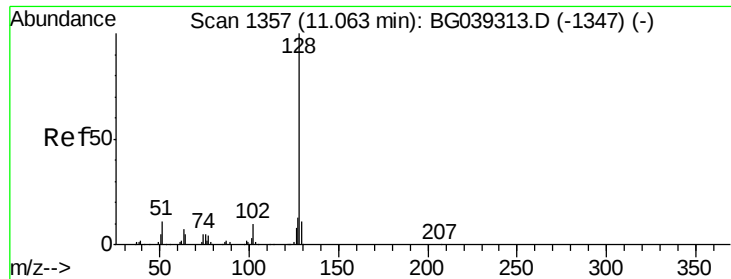
#30
1,2,4-Trichlorobenzene
Concen: 41.507 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	76.0	114.0
145	26.4	22.7	34.1



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

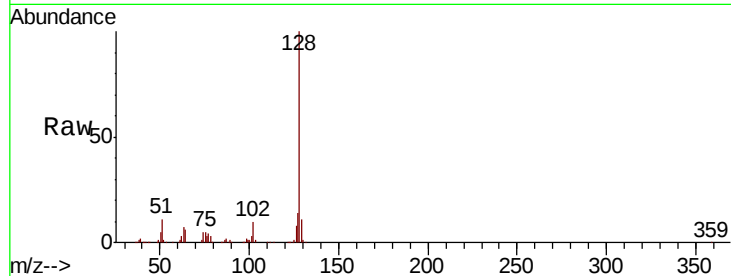




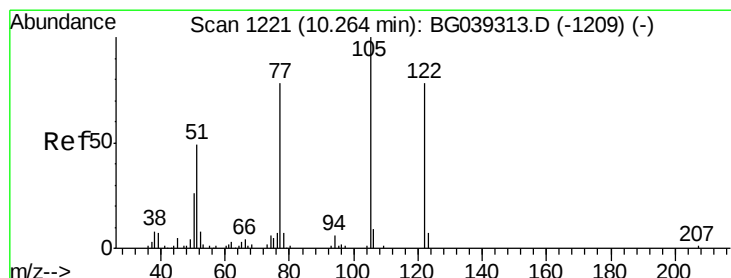
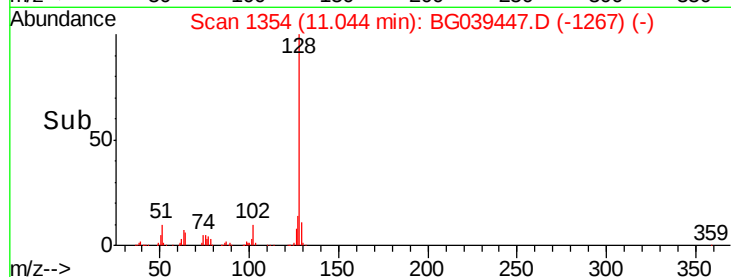
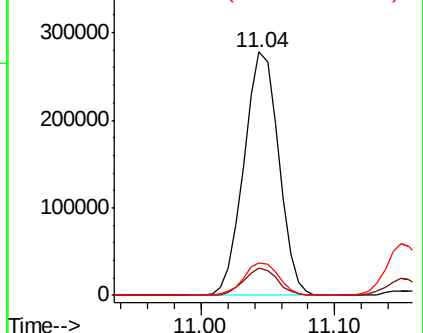
#31
Naphthalene
Concen: 42.509 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:128 Resp: 500581
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.6 10.8 16.2

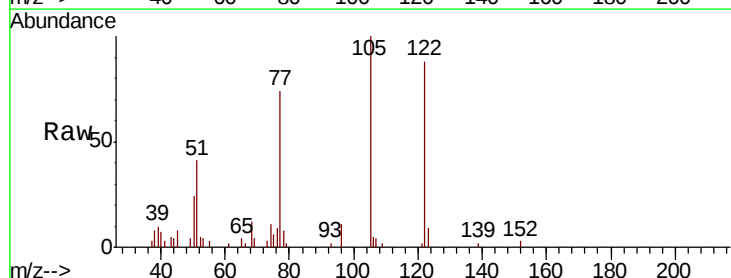


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

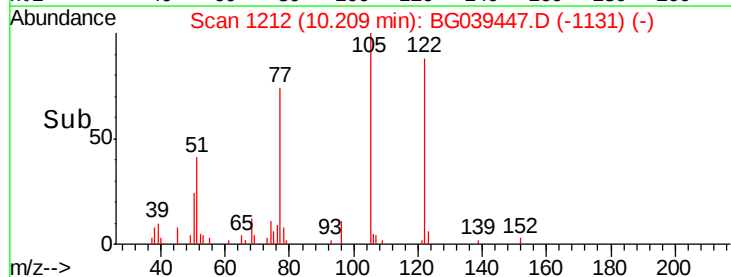
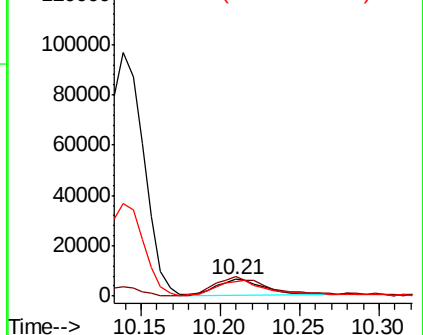


#32
Benzoic acid
Concen: 13.785 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:122 Resp: 13085
Ion Ratio Lower Upper
122 100
105 114.1 101.8 141.8
77 84.0 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

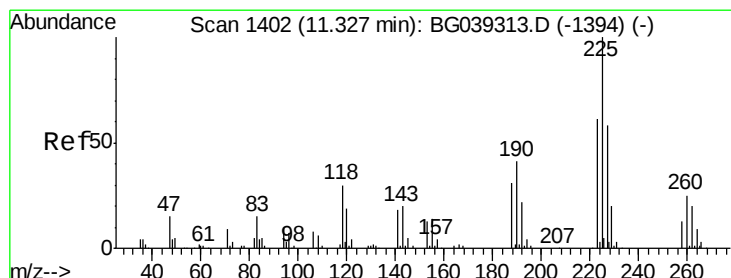
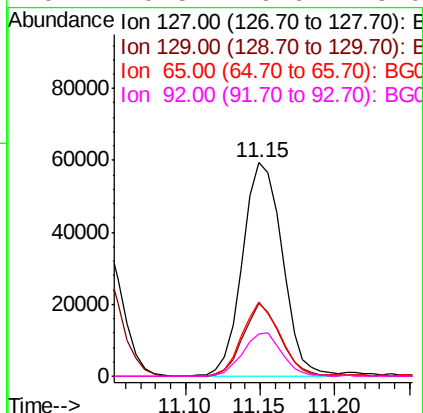
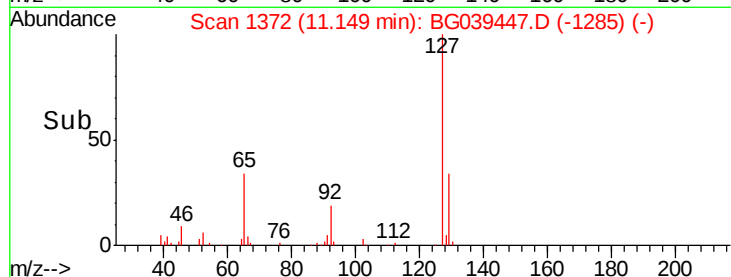
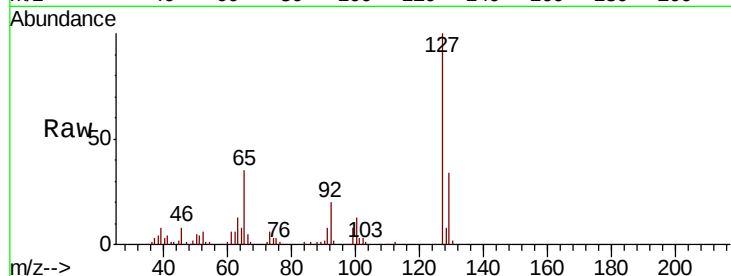




#33
4-Chloroaniline
Concen: 20.218 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

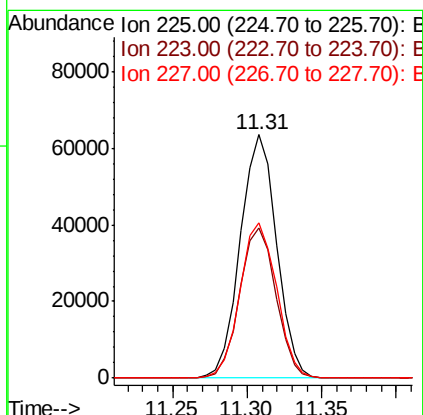
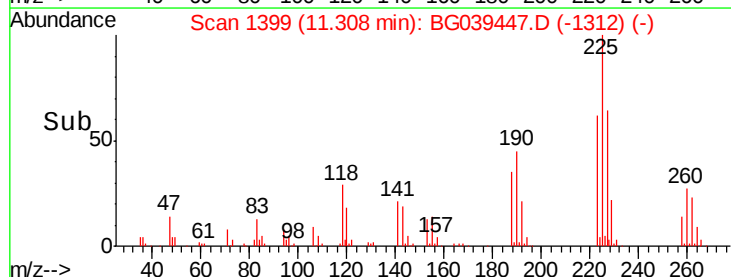
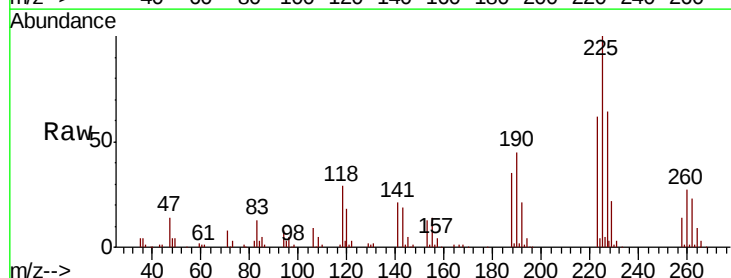
Instrument :
BNA_G
ClientSampleId :
PB116997BS

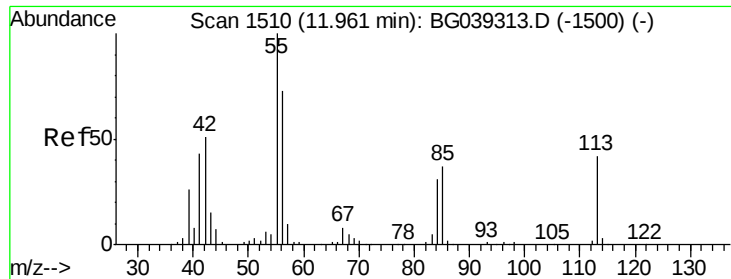
Tot Ion:	127	Resp:	110394
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.0	40.4
65	34.7	28.8	43.2
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:	225	Resp:	107195
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.0	73.6
227	63.8	46.3	69.5





#35

Caprolactam

Concen: 39.658 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

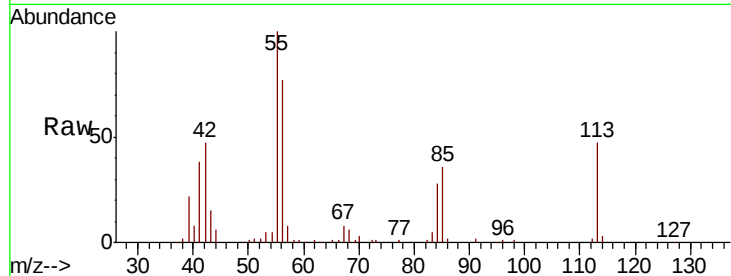
Tot Ion:113 Resp: 61093

Ion Ratio Lower Upper

113 100

55 211.4 216.9 256.9#

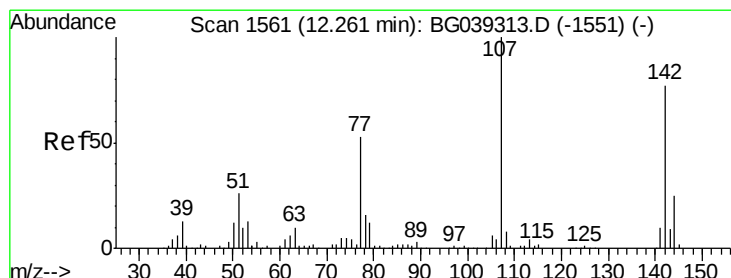
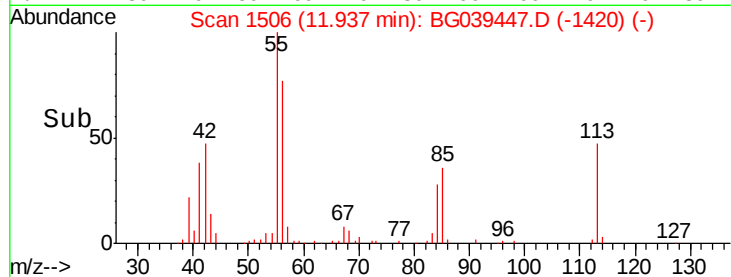
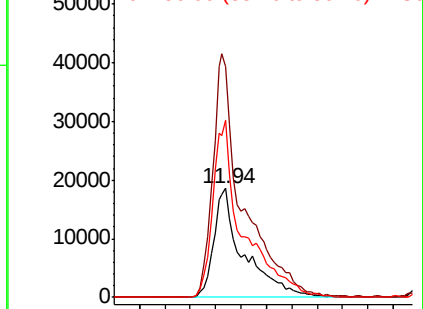
56 162.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039313.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039313.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.624 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

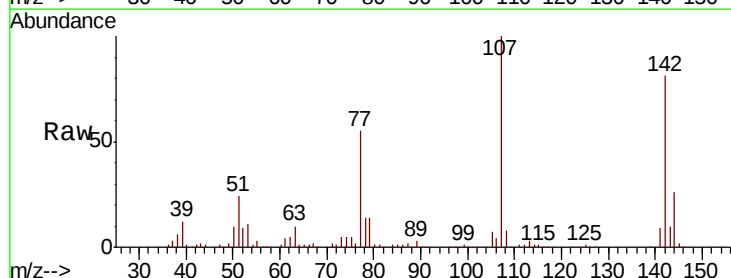
Tgt Ion:107 Resp: 196426

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

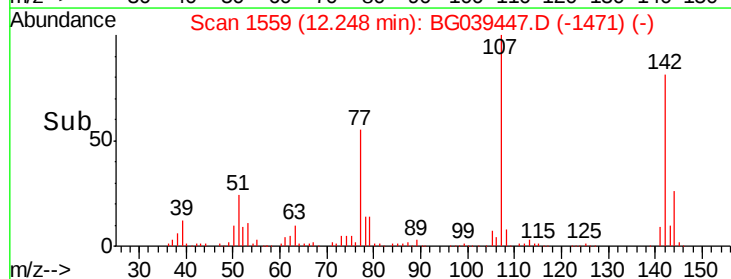
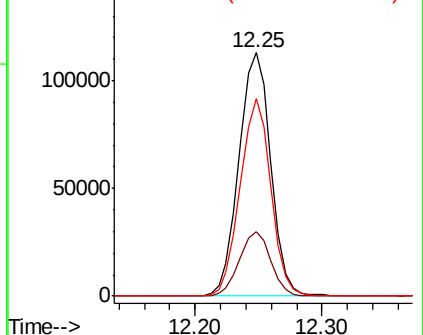
142 81.0 61.4 92.2

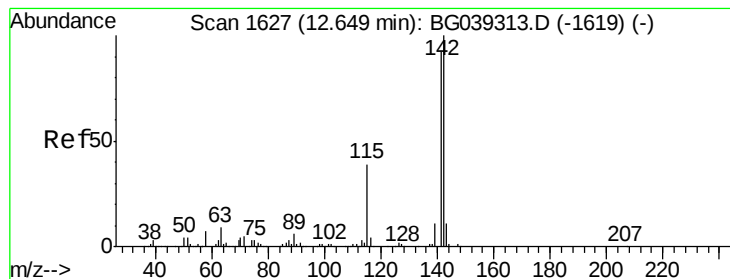


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.442 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

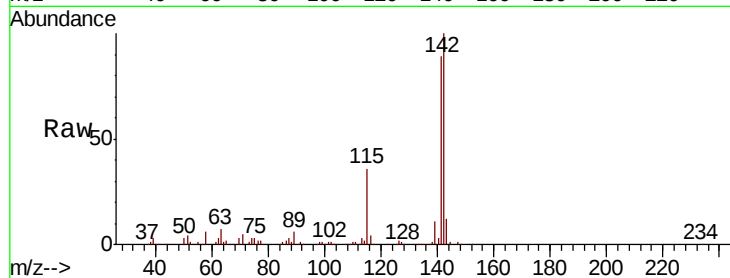
Tot Ion:142 Resp: 387626

Ion Ratio Lower Upper

142 100

141 89.0 73.5 110.3

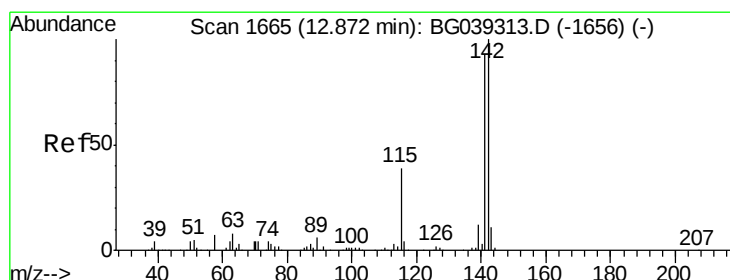
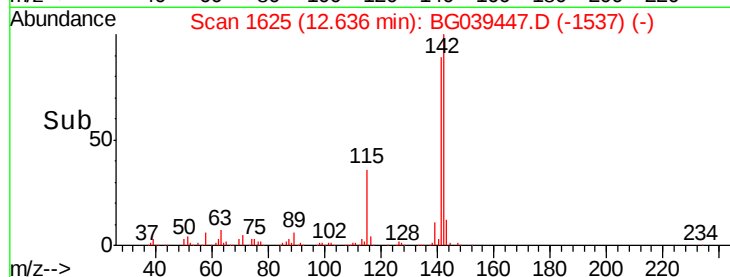
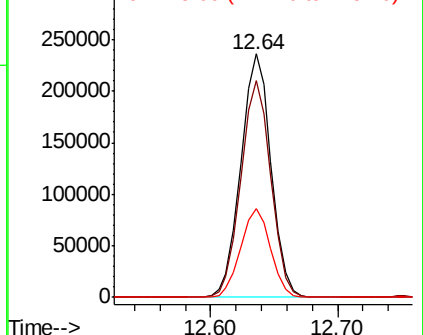
115 36.4 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.577 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

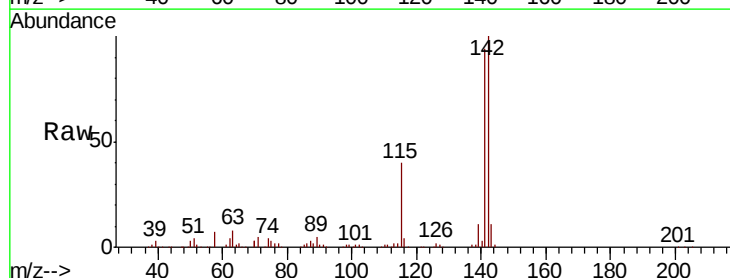
Tgt Ion:142 Resp: 366374

Ion Ratio Lower Upper

142 100

141 93.7 74.2 111.4

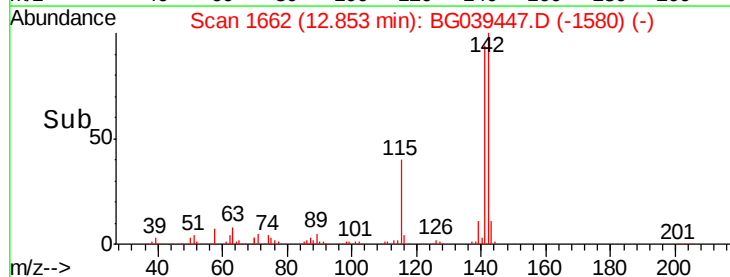
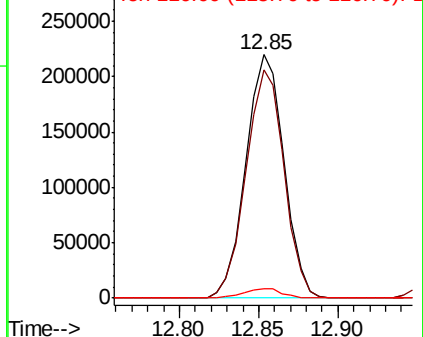
116 3.6 3.0 4.6

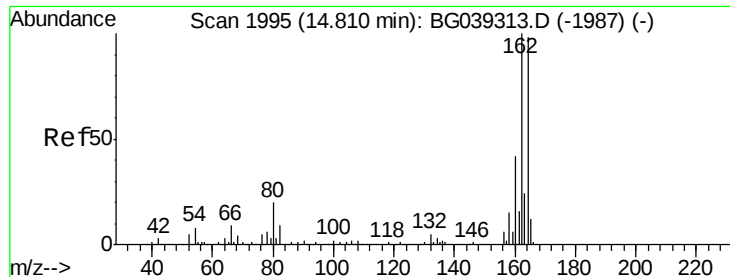


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

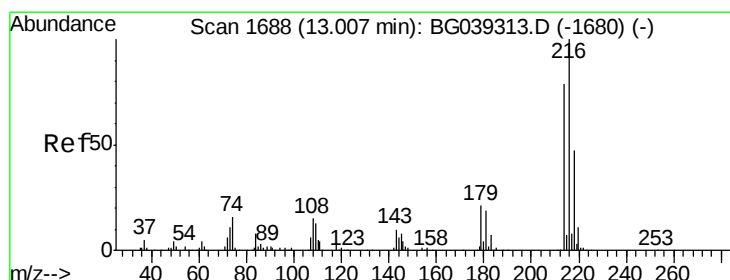
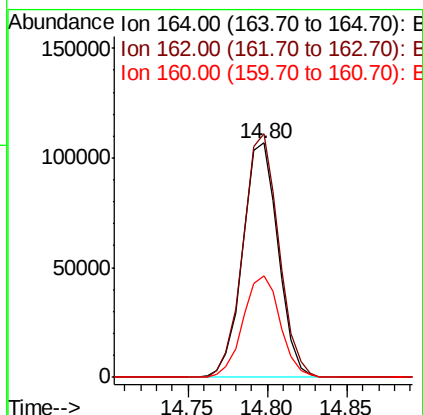
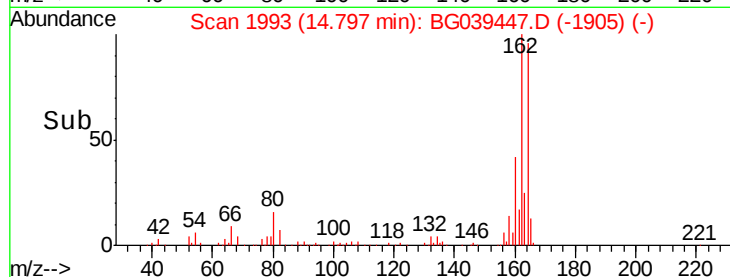
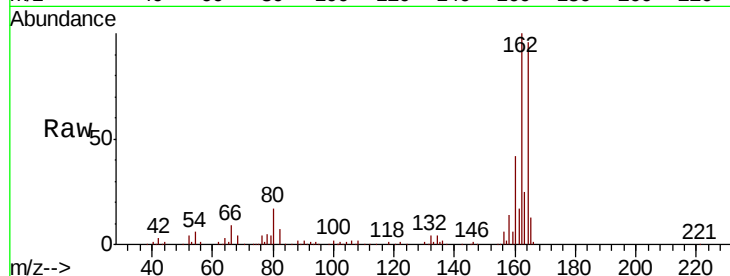
Tot Ion:164 Resp: 166039

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

160 43.2 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.849 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Tgt Ion:216 Resp: 210515

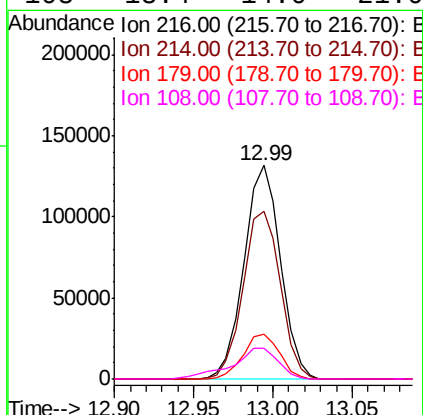
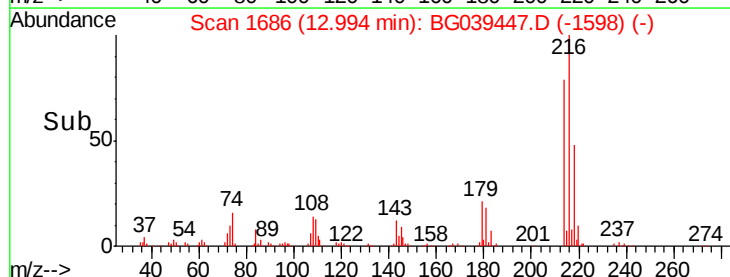
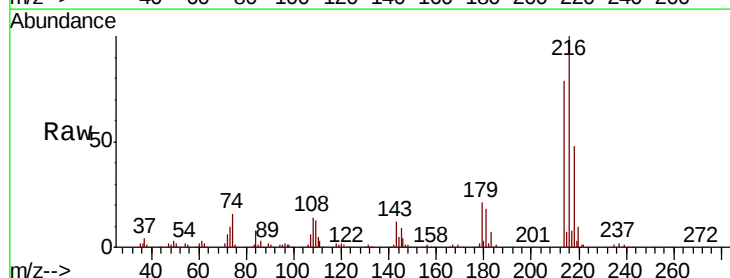
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 21.0 16.6 25.0

108 18.4 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 92.927 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

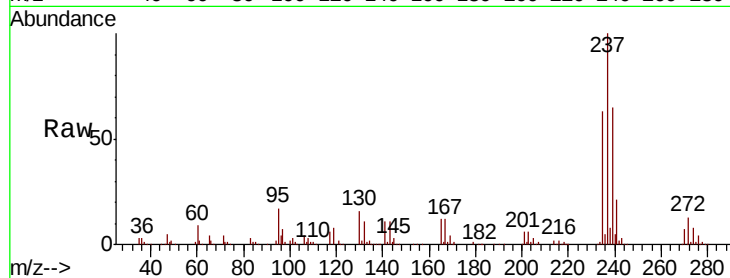
Tot Ion:237 Resp: 267510

Ion Ratio Lower Upper

237 100

235 62.9 43.3 83.3

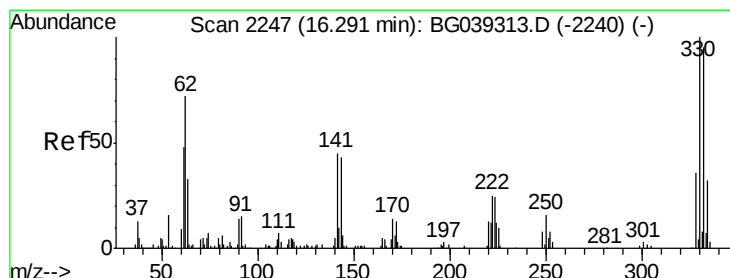
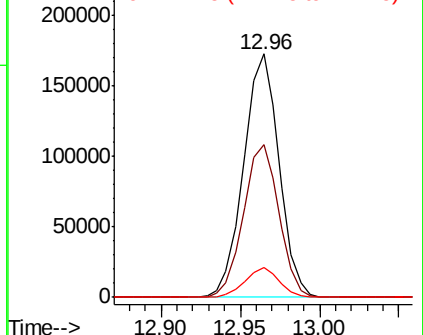
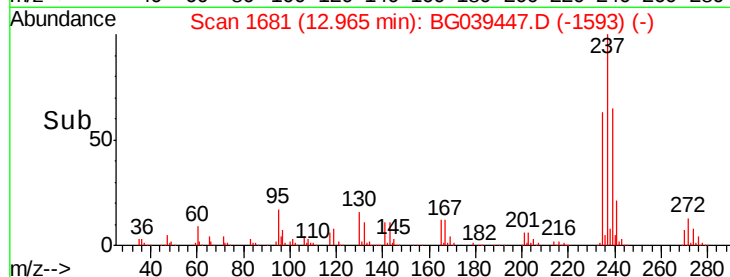
272 12.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 159.315 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

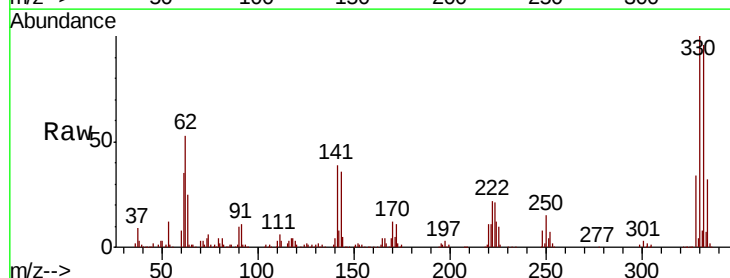
Tgt Ion:330 Resp: 284848

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

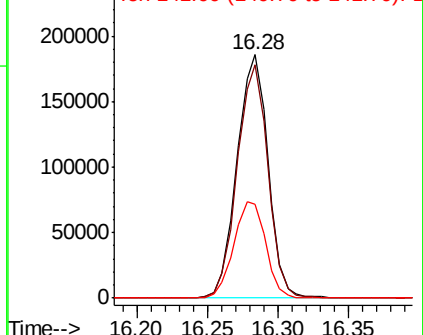
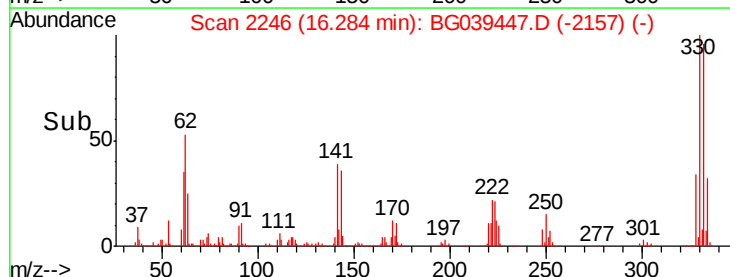
141 40.4 35.6 53.4

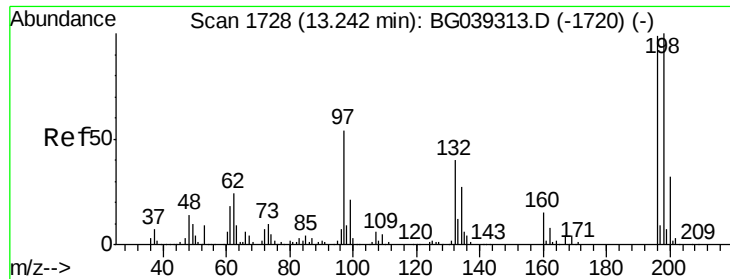


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

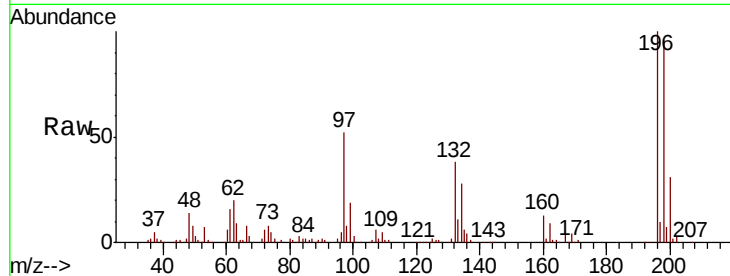




#43
 2,4,6-Trichlorophenol
 Concen: 46.365 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

Instrument :
 BNA_G
 ClientSampled :
 PB116997BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	80.6	121.0
200	31.3	26.1	39.1

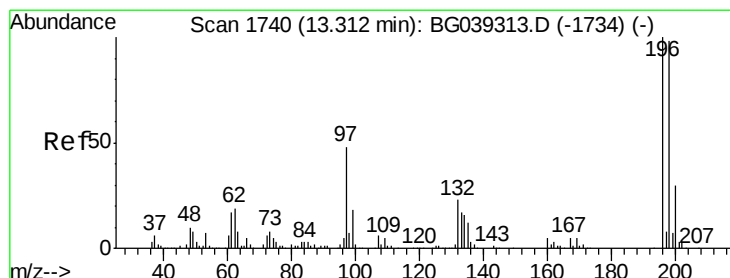
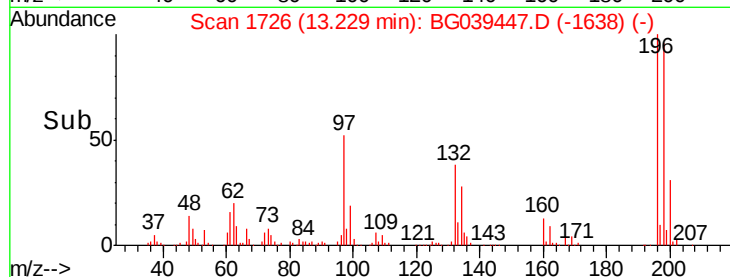
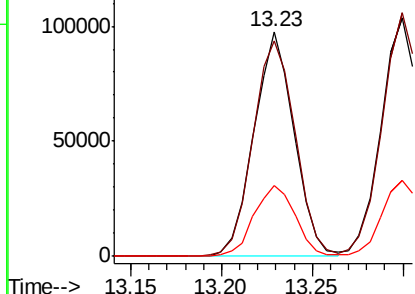


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.536 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	78.5	117.7
97	48.2	38.4	57.6
132	25.5	19.2	28.8

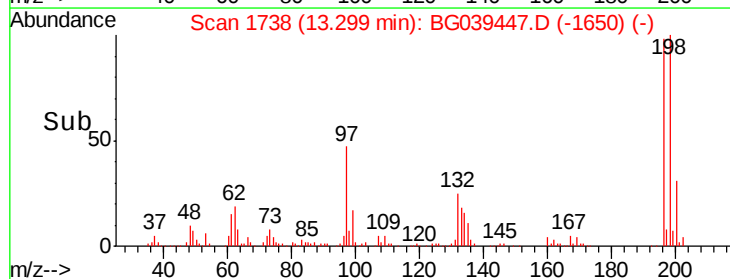
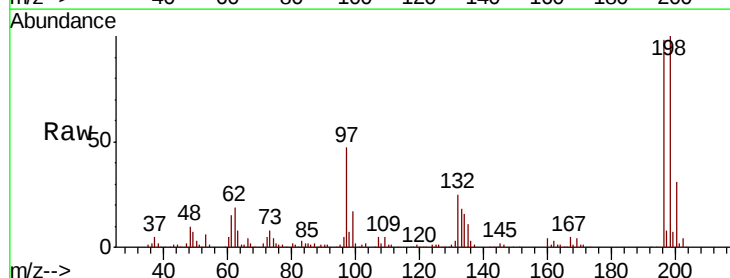
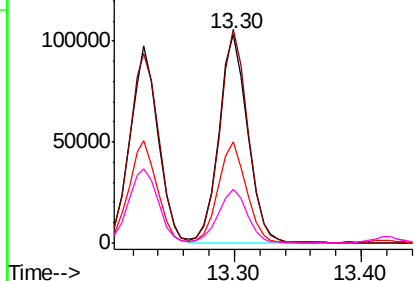
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

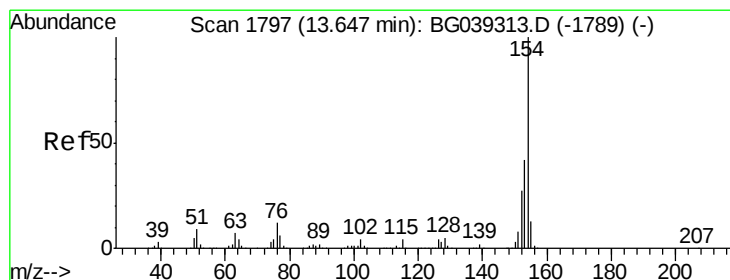
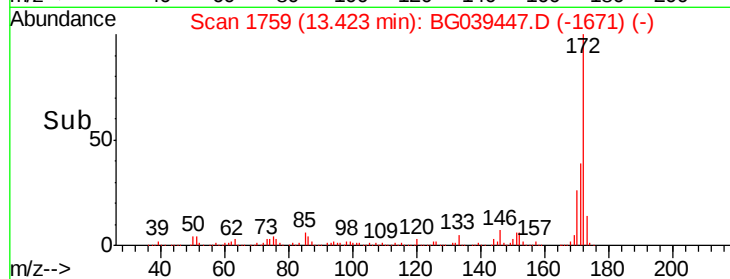
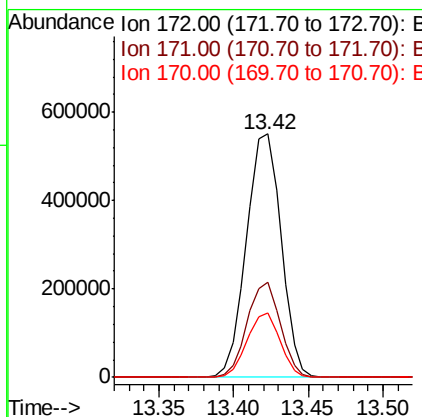
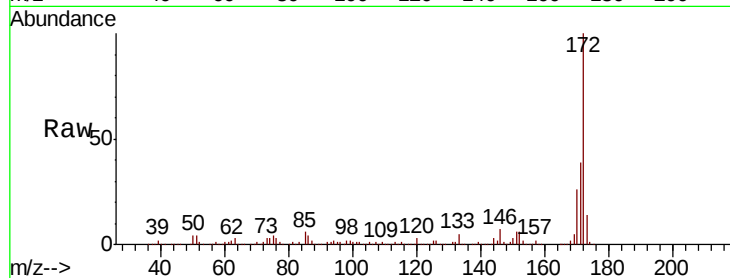




#45
2-Fluorobiphenyl
Concen: 76.383 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

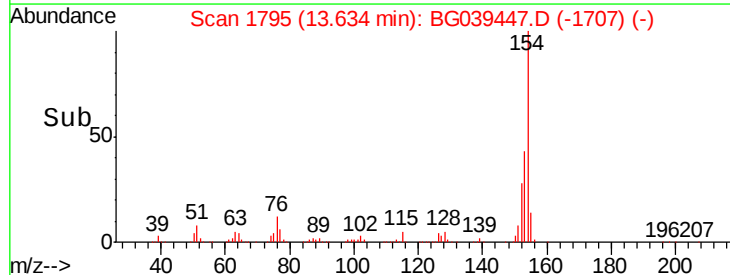
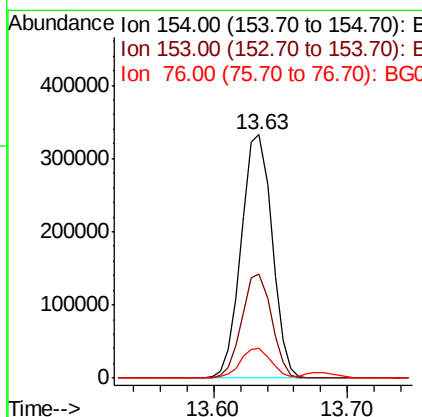
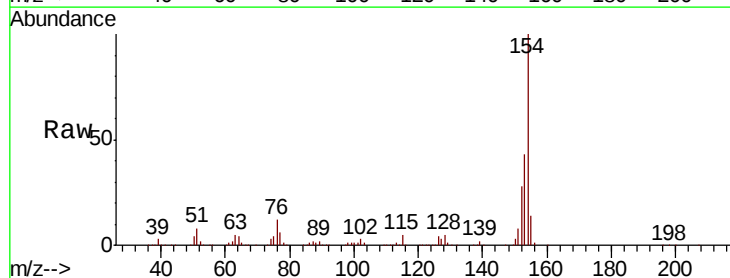
Instrument :
BNA_G
ClientSampleId :
PB116997BS

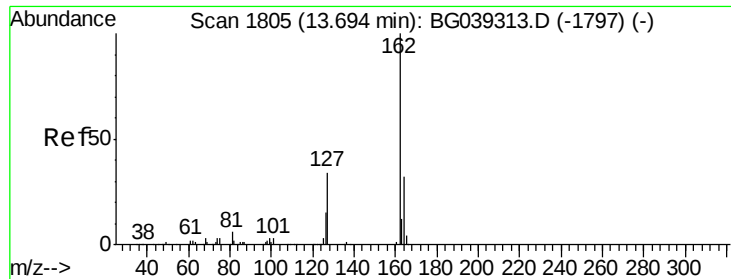
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.8	46.2
170	26.5	20.2	30.4



#46
1,1'-Biphenyl
Concen: 38.401 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.2	0.0	32.4

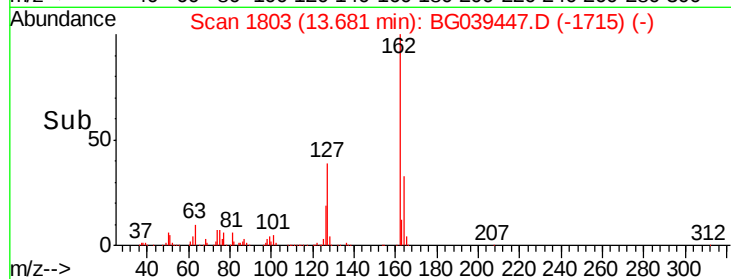
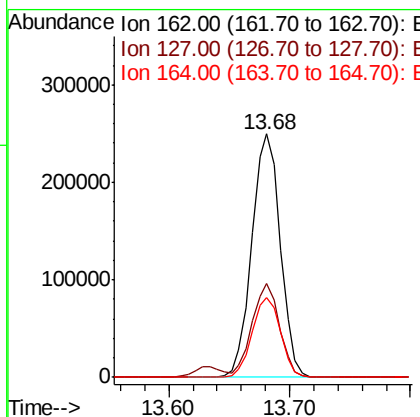
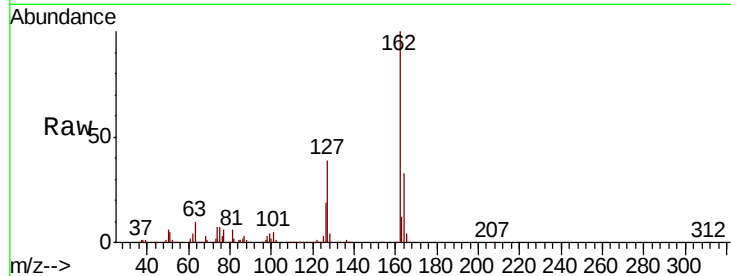




#47
2-Chloronaphthalene
Concen: 39.452 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

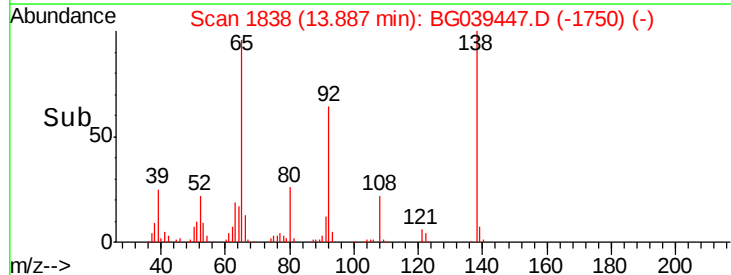
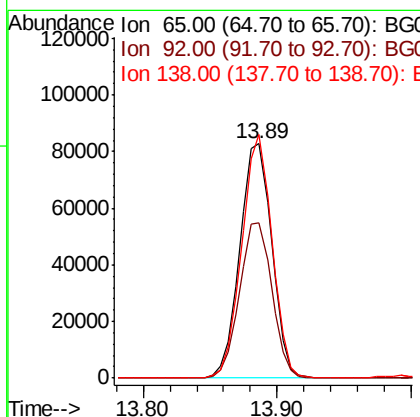
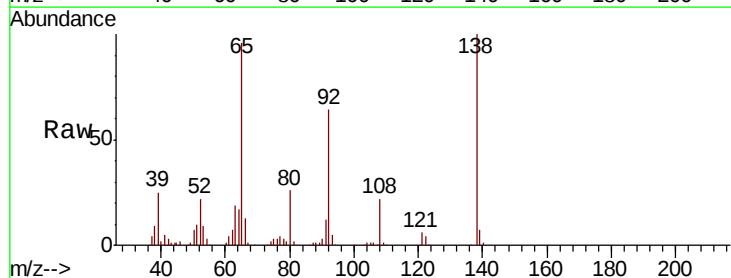
Instrument :
BNA_G
ClientSampleId :
PB116997BS

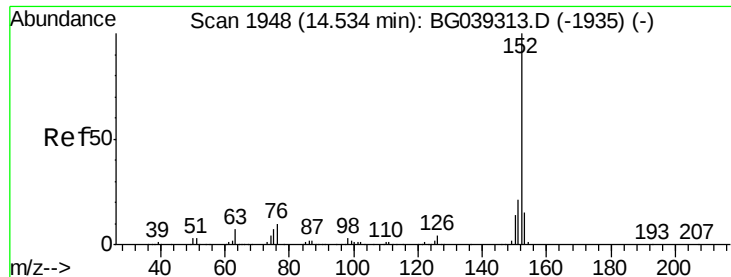
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	33.0	25.7	38.5



#48
2-Nitroaniline
Concen: 46.307 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	51.4	77.2
138	103.9	71.4	107.2





#49

Acenaphthylene

Concen: 42.511 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampled :

PB116997BS

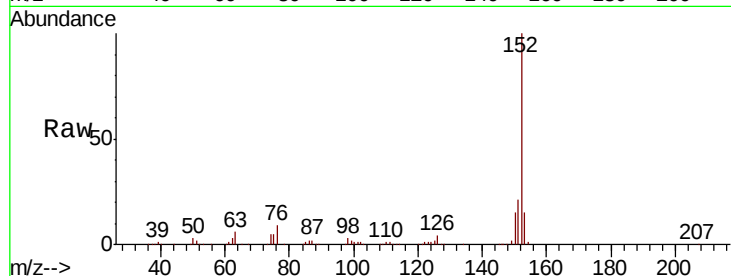
Tot Ion:152 Resp: 666642

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

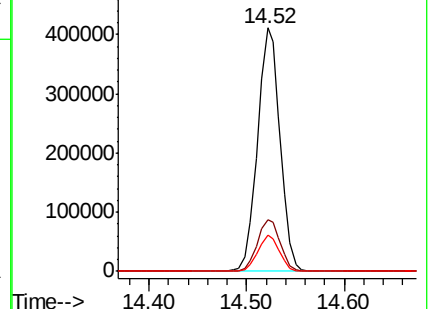
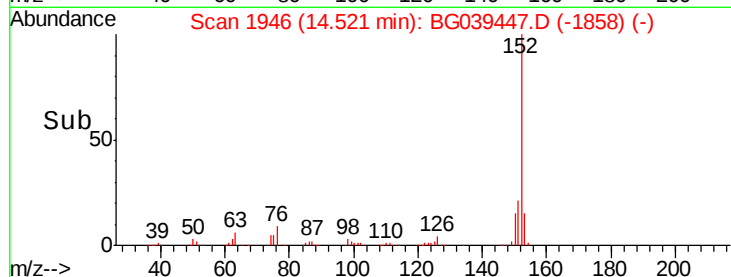
153 14.7 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.609 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

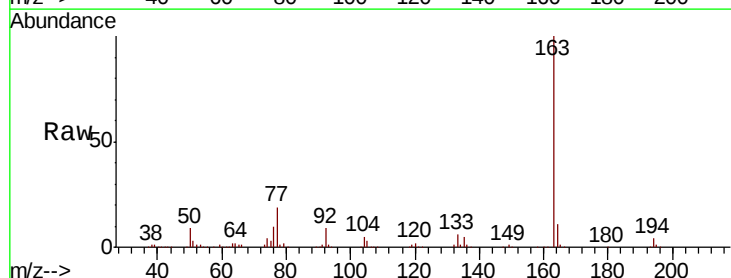
Tgt Ion:163 Resp: 544559

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

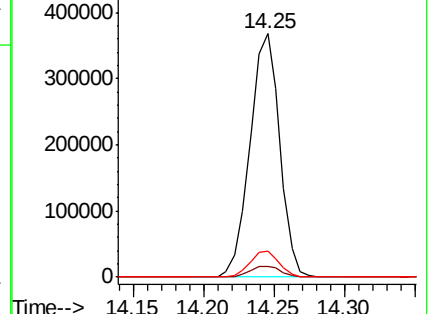
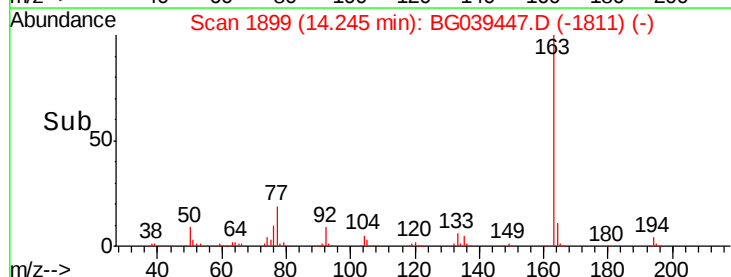
164 10.6 8.4 12.6

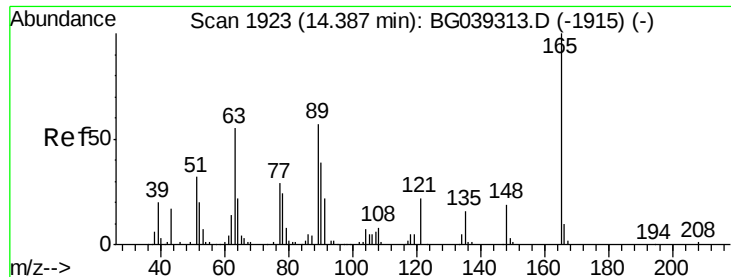


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.271 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

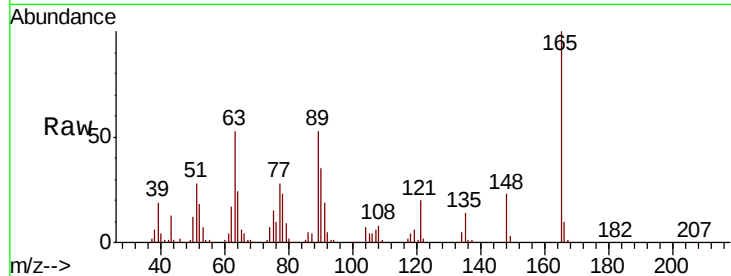
Tot Ion:165 Resp: 121087

Ion Ratio Lower Upper

165 100

63 53.4 47.0 70.6

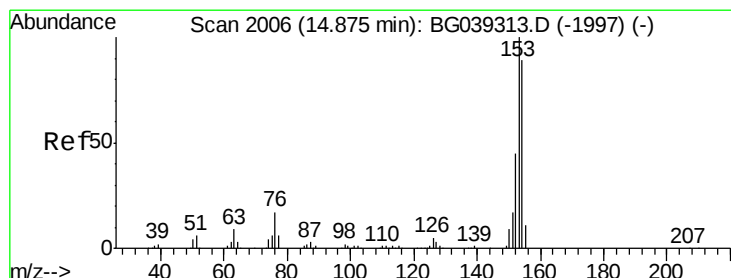
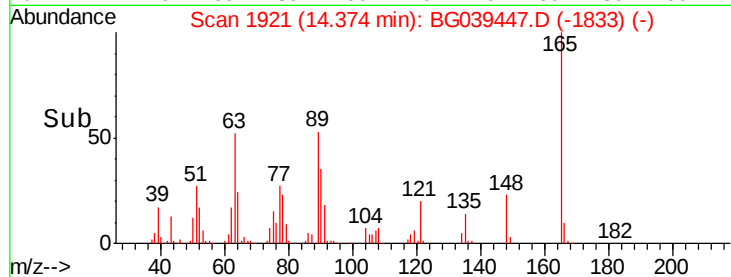
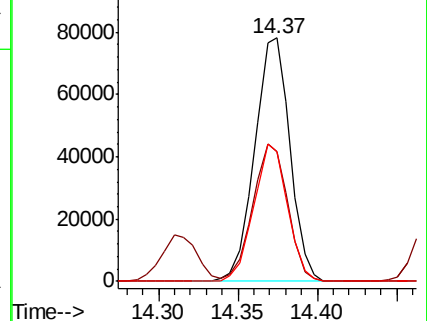
89 53.5 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.203 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

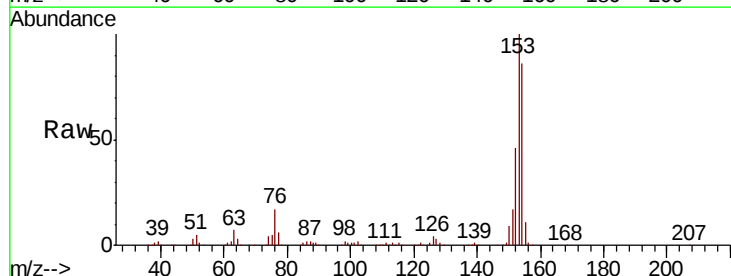
Tgt Ion:154 Resp: 409240

Ion Ratio Lower Upper

154 100

153 116.3 90.1 135.1

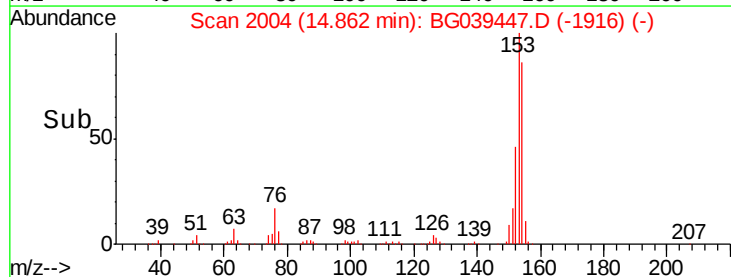
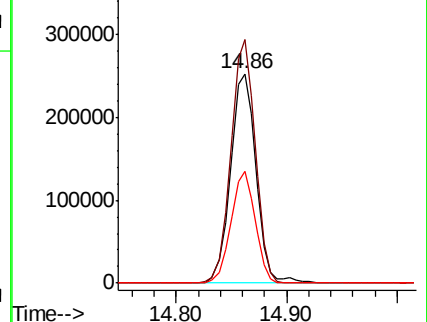
152 53.4 40.9 61.3

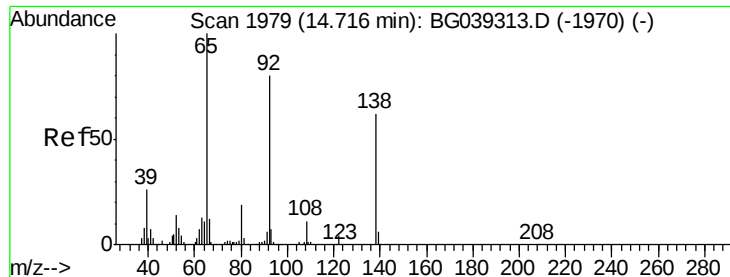


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

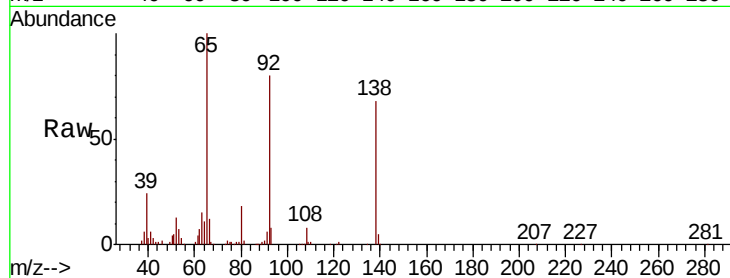




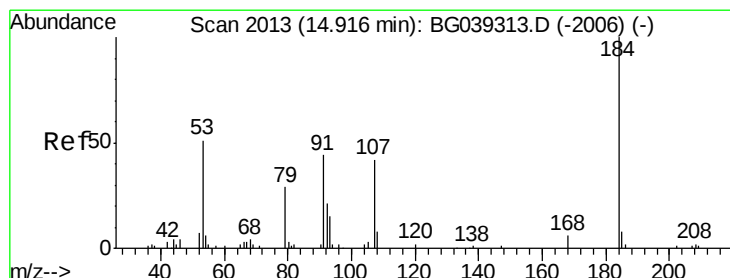
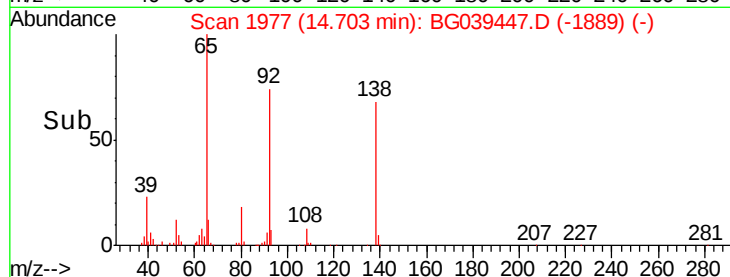
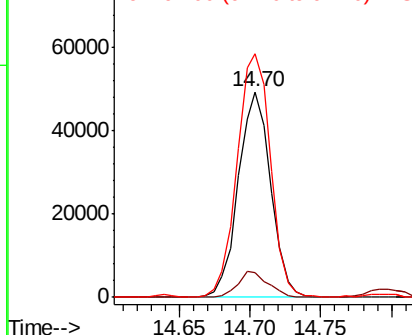
#53
3-Nitroaniline
Concen: 31.599 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:138 Resp: 79365
Ion Ratio Lower Upper
138 100
108 12.0 13.8 20.8#
92 118.5 103.7 155.5

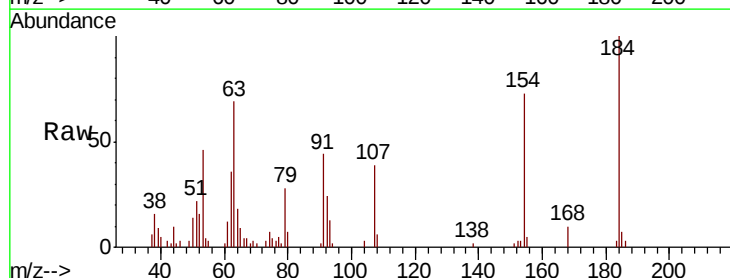


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

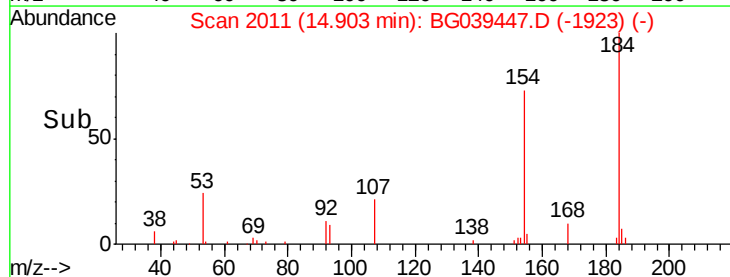
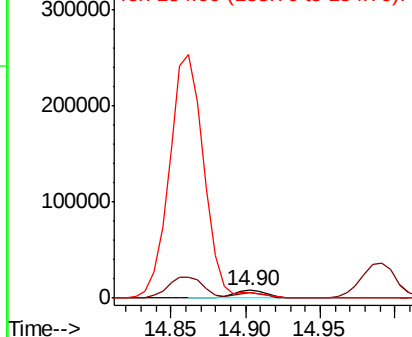


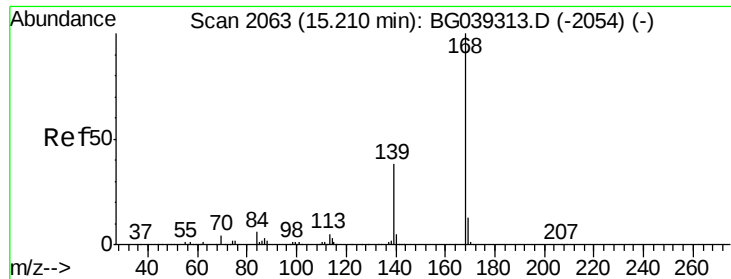
#54
2,4-Dinitrophenol
Concen: 19.681 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:184 Resp: 13175
Ion Ratio Lower Upper
184 100
63 68.9 50.9 76.3
154 72.7 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

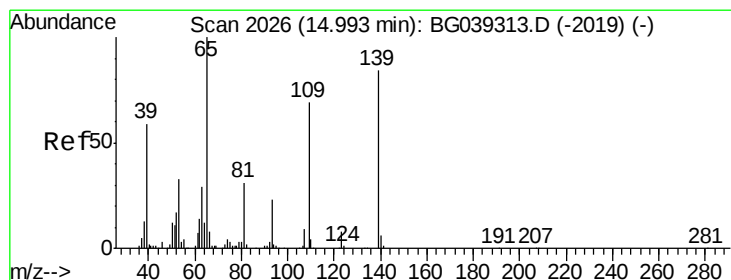
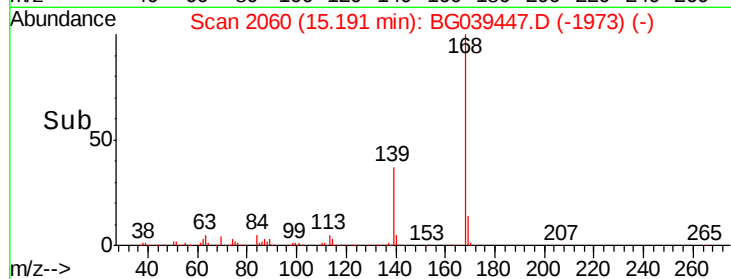
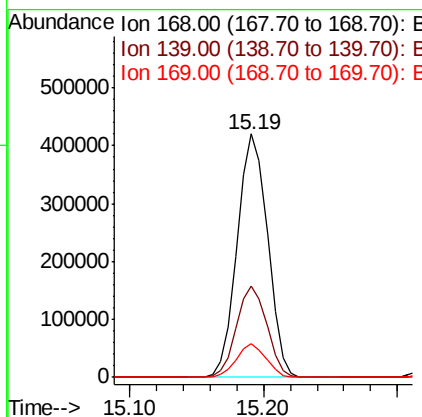
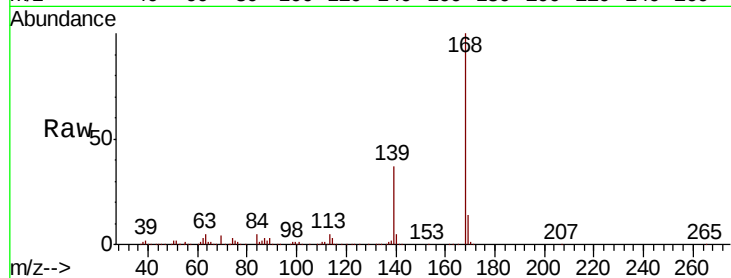




#55
Dibenzenofuran
Concen: 40.547 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

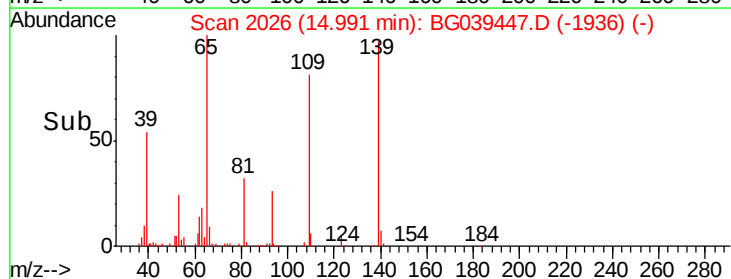
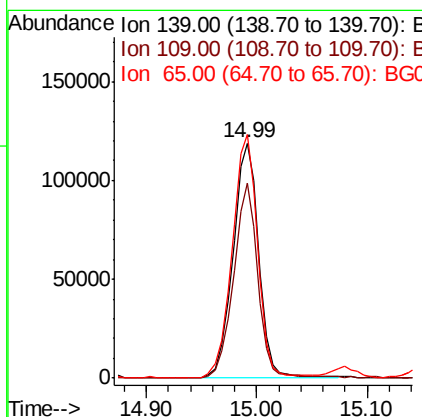
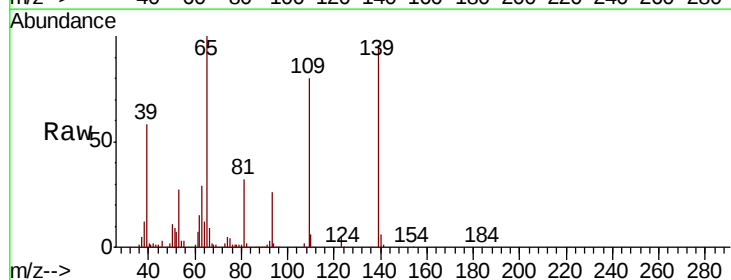
Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 80.032 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.2	61.9	101.9
65	103.7	99.1	139.1

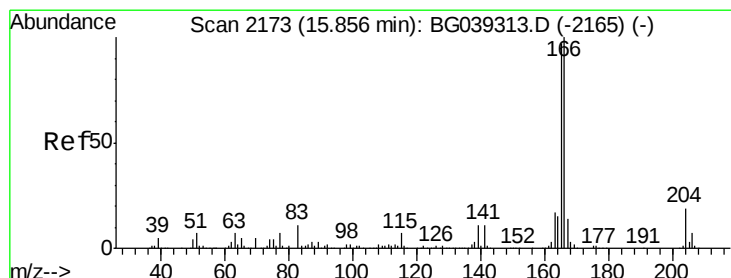
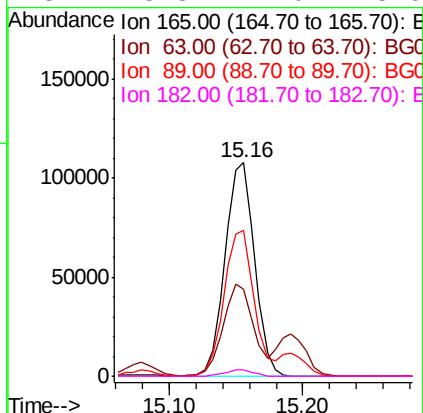
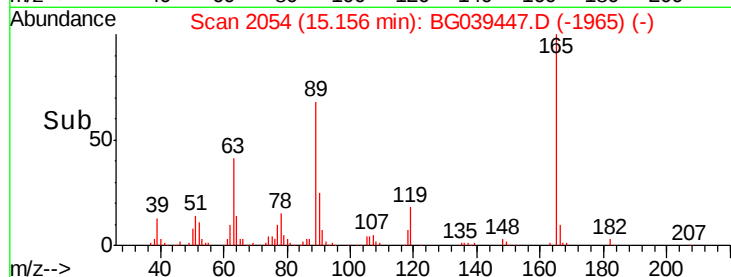
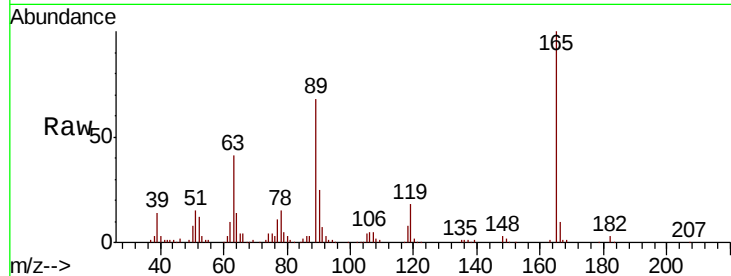




#57
 2,4-Dinitrotoluene
 Concen: 51.279 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

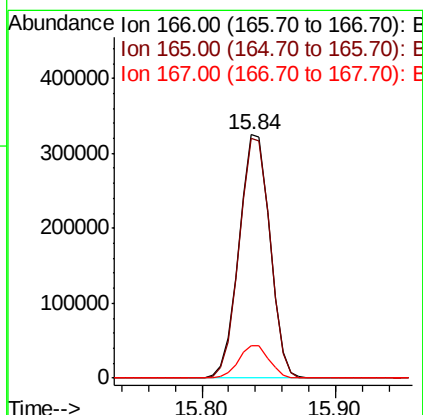
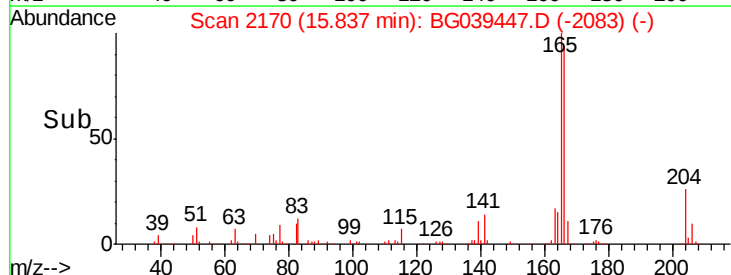
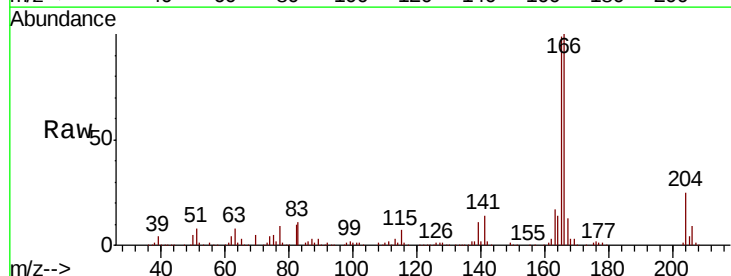
Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

Tot Ion:165 Resp: 166676
 Ion Ratio Lower Upper
 165 100
 63 41.1 41.0 61.6
 89 68.4 64.6 96.8
 182 3.3 2.0 3.0#



#58
 Fluorene
 Concen: 42.609 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

Tgt Ion:166 Resp: 518397
 Ion Ratio Lower Upper
 166 100
 165 98.6 77.9 116.9
 167 13.4 10.8 16.2

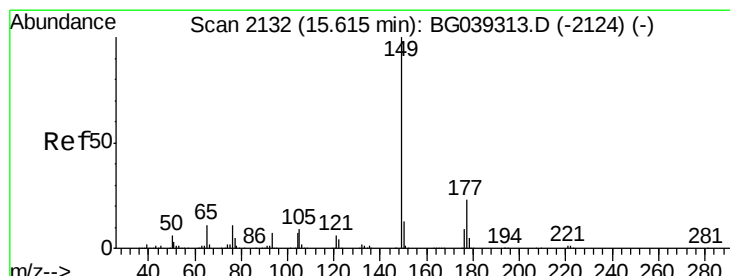
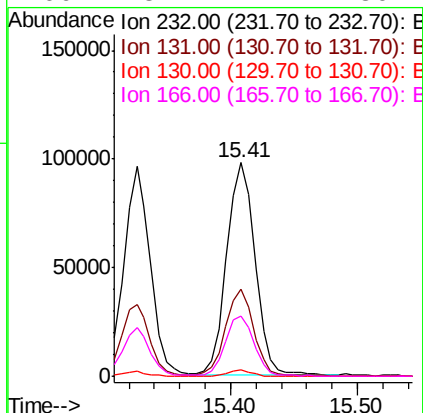
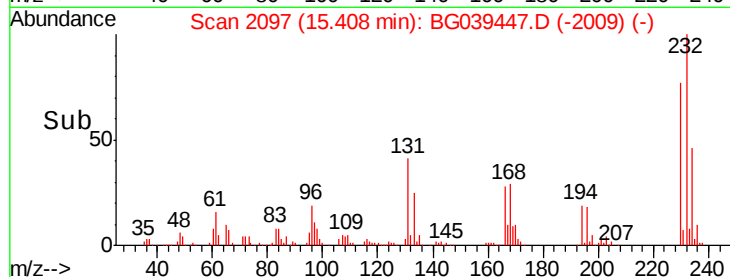
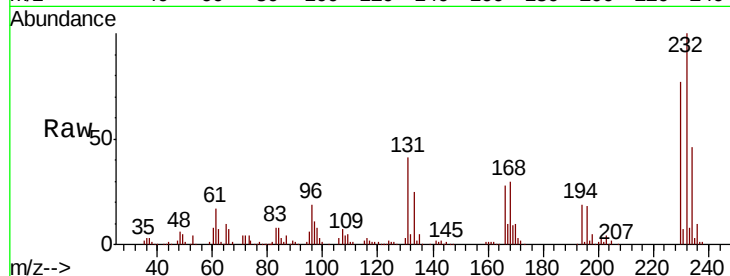




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.367 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

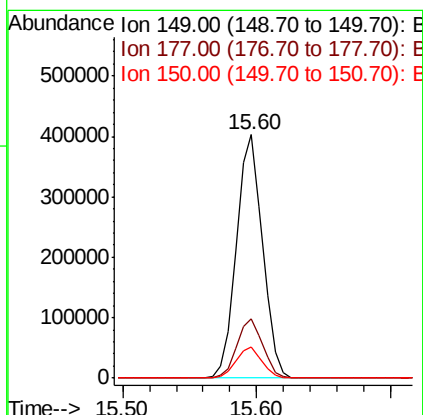
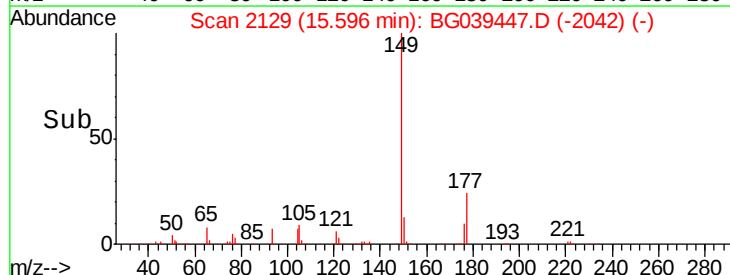
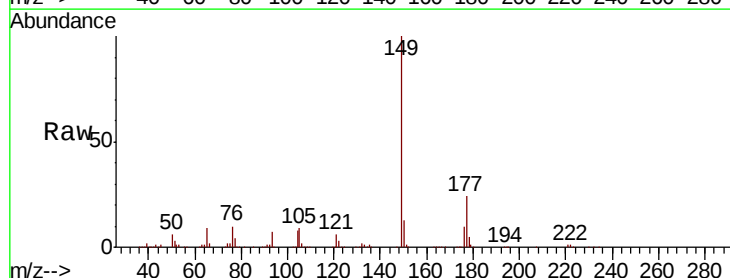
Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

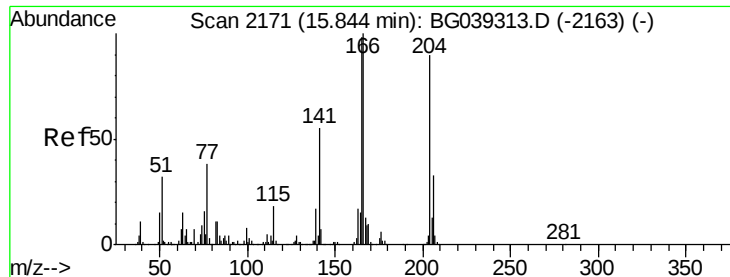
Tot Ion:232	Resp:	150984
Ion Ratio	Lower	Upper
232	100	
131	41.7	34.9 52.3
130	2.5	2.0 3.0
166	28.7	24.1 36.1



#60
 Diethylphthalate
 Concen: 39.265 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039447.D
 Acq: 11 Feb 2019 23:25

Tgt Ion:149	Resp:	544410
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.3 27.5
150	12.6	10.2 15.2

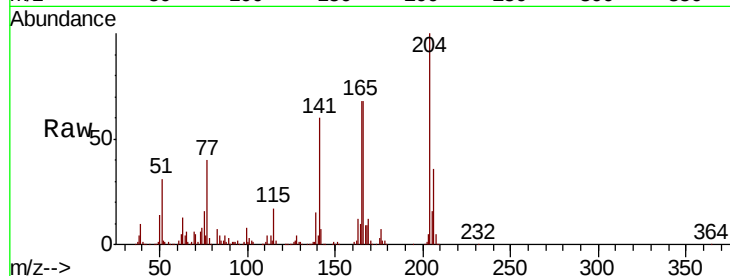




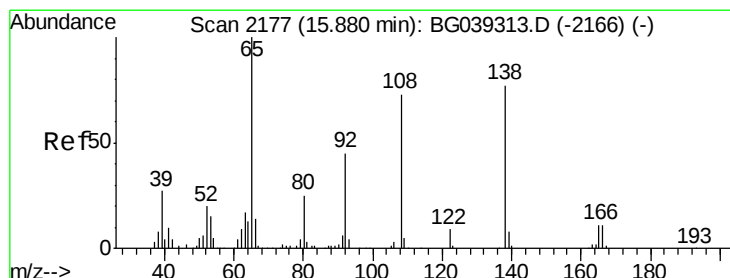
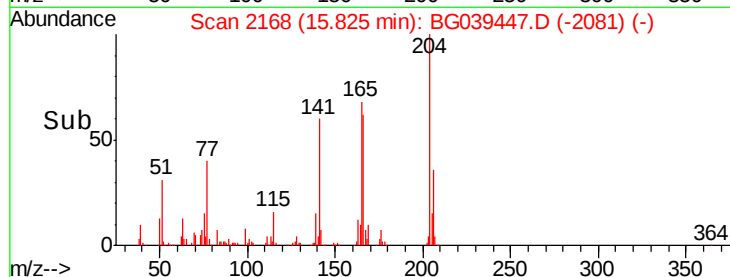
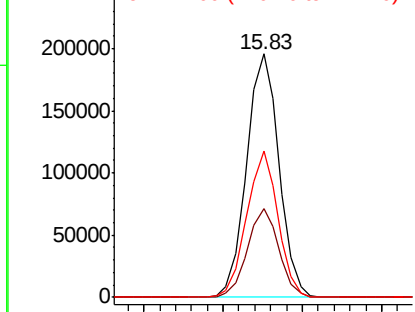
#61
4-Chlorophenyl-phenylether
Concen: 40.151 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:204 Resp: 276600
Ion Ratio Lower Upper
204 100
206 36.4 29.2 43.8
141 60.1 49.0 73.4

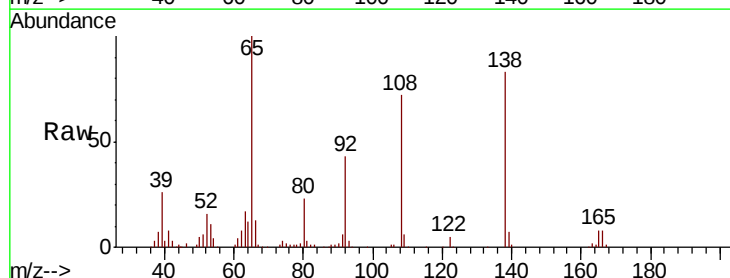


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

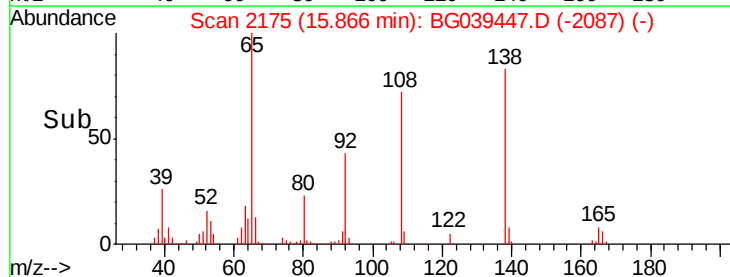
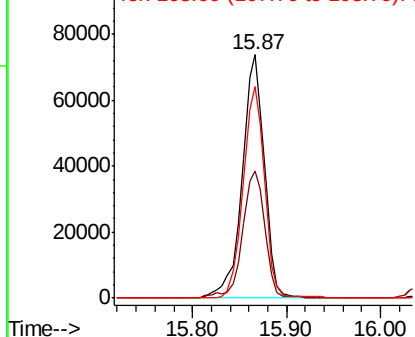


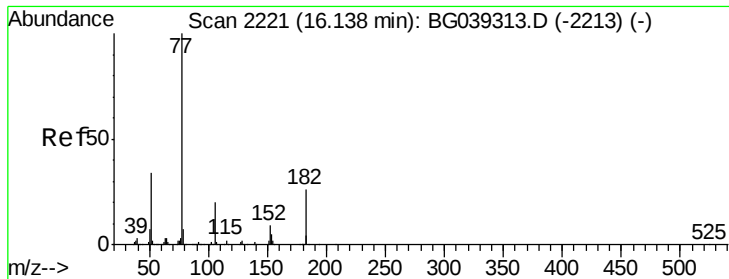
#62
4-Nitroaniline
Concen: 43.316 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:138 Resp: 120543
Ion Ratio Lower Upper
138 100
92 52.1 38.7 78.7
108 86.7 74.6 114.6



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





#63

Azobenzene

Concen: 36.346 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

Tot Ion: 77 Resp: 492546

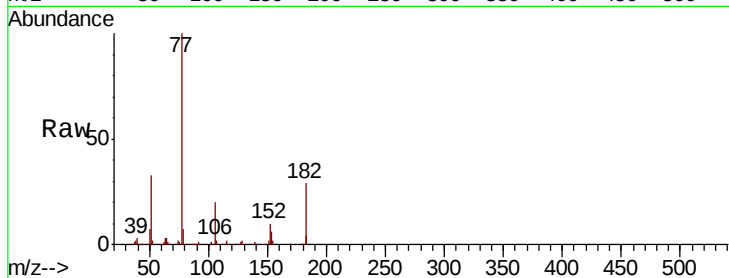
Ion Ratio Lower Upper

77 100

182 28.5 6.4 46.4

105 20.2 0.0 39.8

51 32.9 14.1 54.1

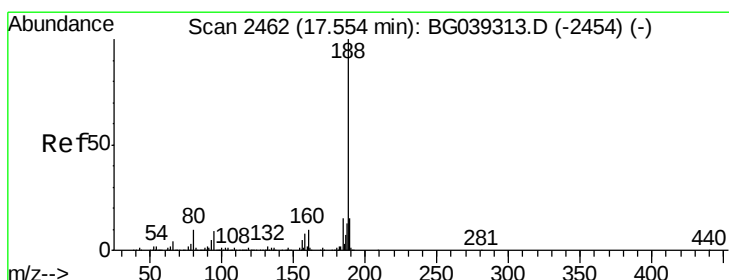
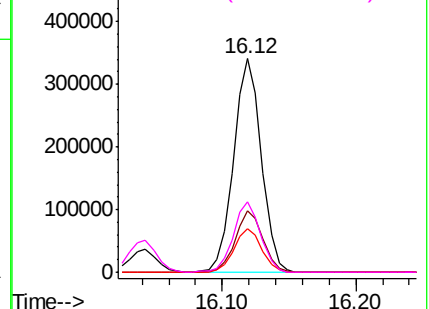
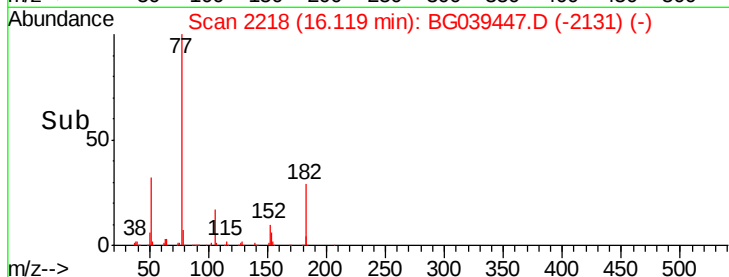


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

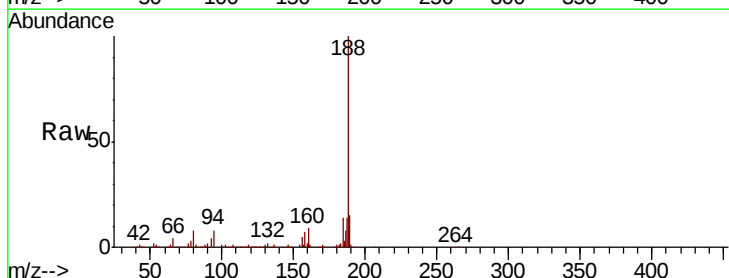
Tgt Ion: 188 Resp: 389326

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

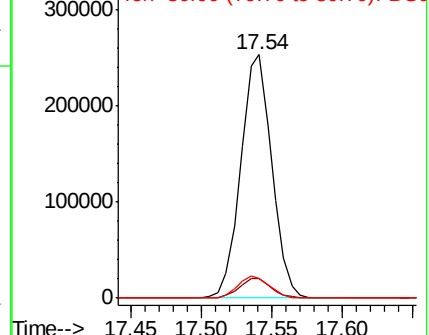
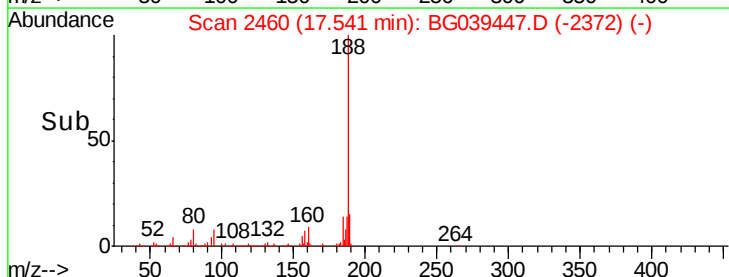
80 8.2 8.1 12.1

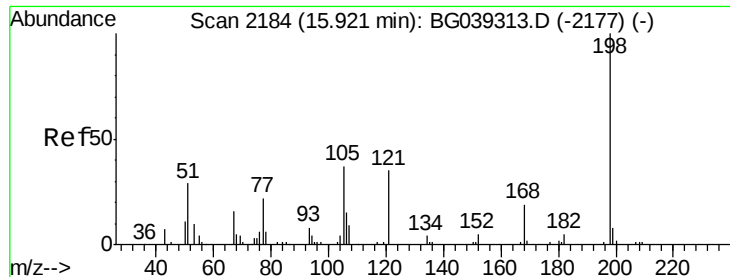


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 18.886 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

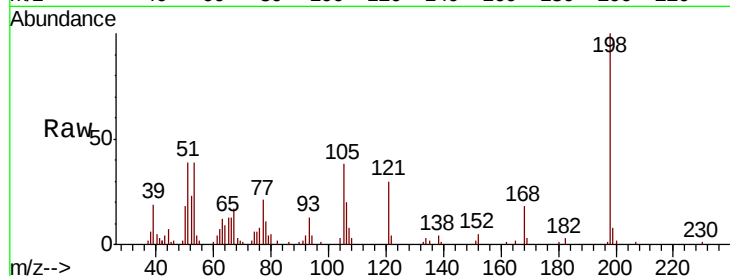
Tot Ion:198 Resp: 20001

Ion Ratio Lower Upper

198 100

51 39.4 27.4 67.4

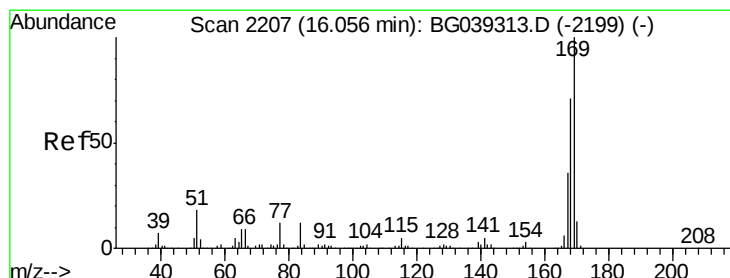
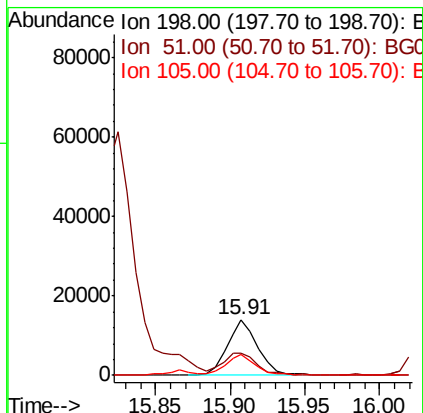
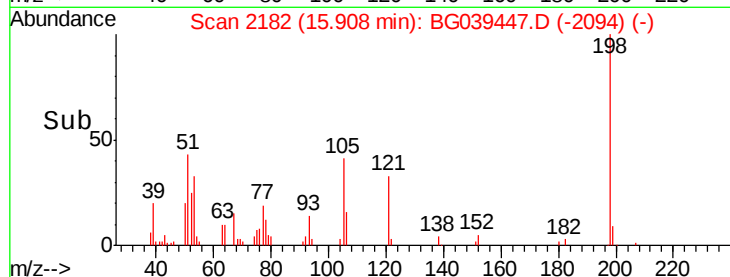
105 37.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.097 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

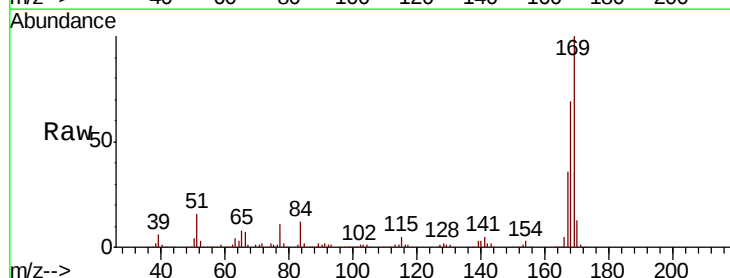
Tgt Ion:169 Resp: 474670

Ion Ratio Lower Upper

169 100

168 68.9 56.6 85.0

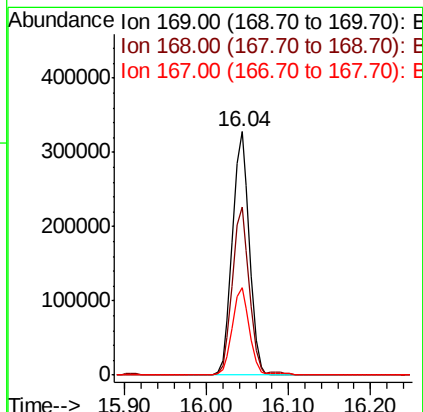
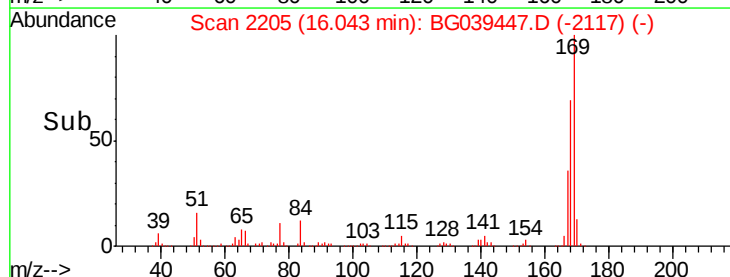
167 36.1 28.8 43.2

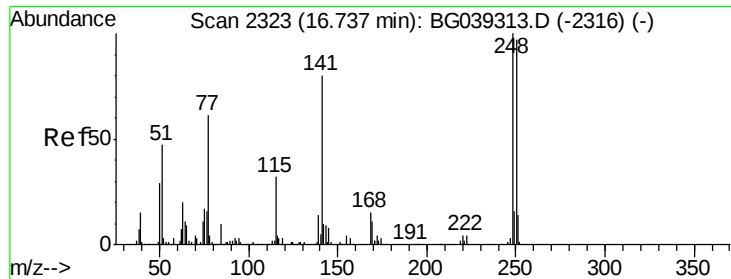


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

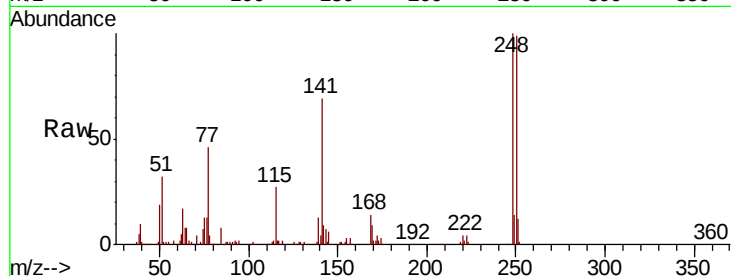




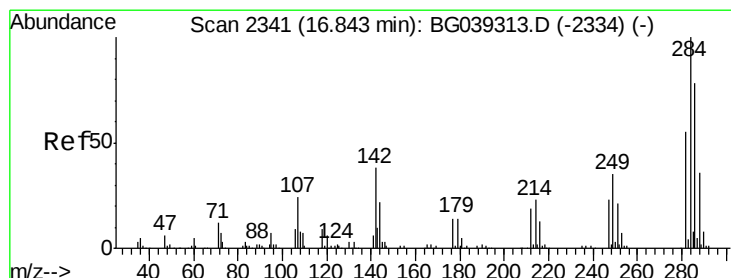
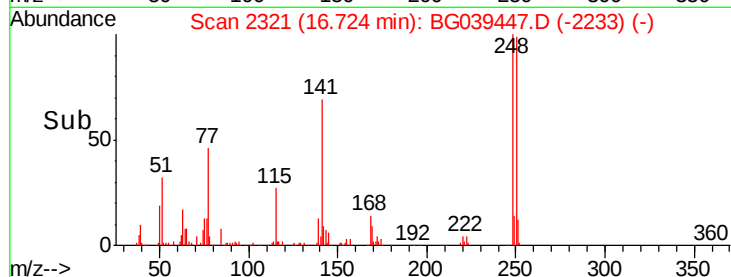
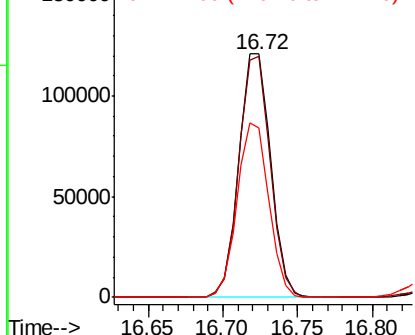
#67
4-Bromophenyl-phenylether
Concen: 41.174 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:248 Resp: 177836
Ion Ratio Lower Upper
248 100
250 98.8 77.6 116.4
141 69.3 63.9 95.9

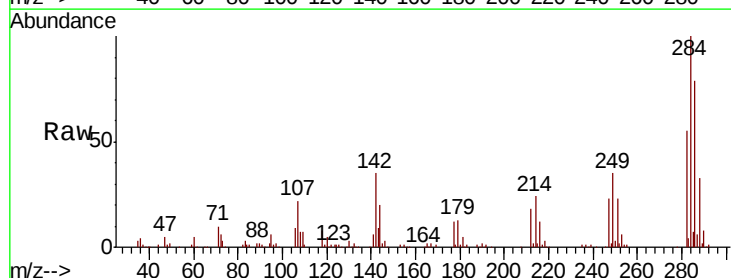


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

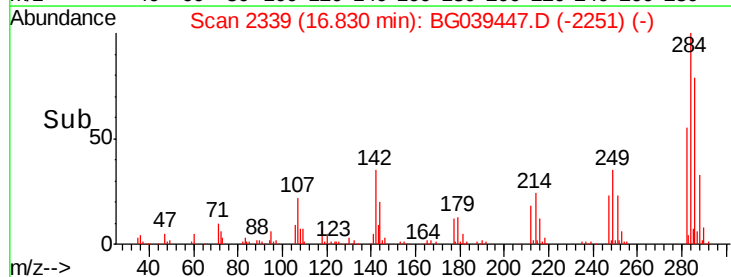
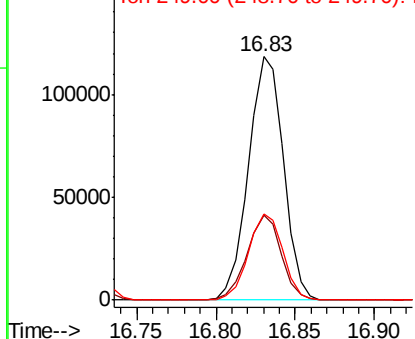


#68
Hexachlorobenzene
Concen: 41.914 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:284 Resp: 181630
Ion Ratio Lower Upper
284 100
142 35.0 30.6 45.8
249 35.3 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.828 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

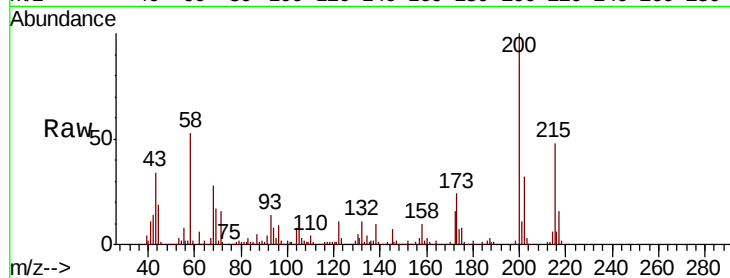
Tot Ion:200 Resp: 180952

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

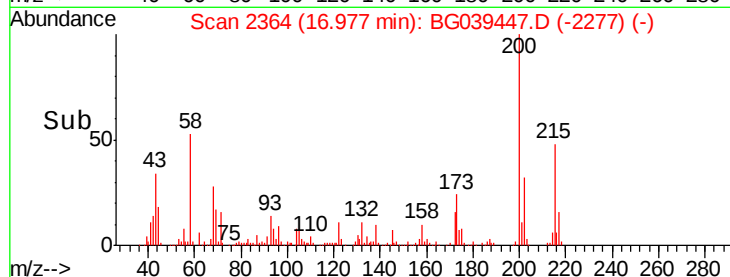
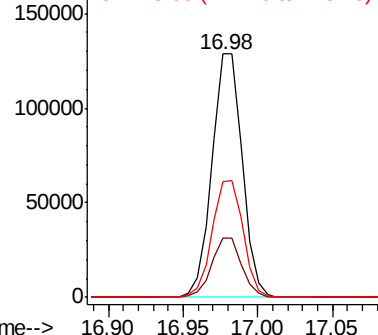
215 47.6 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.455 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

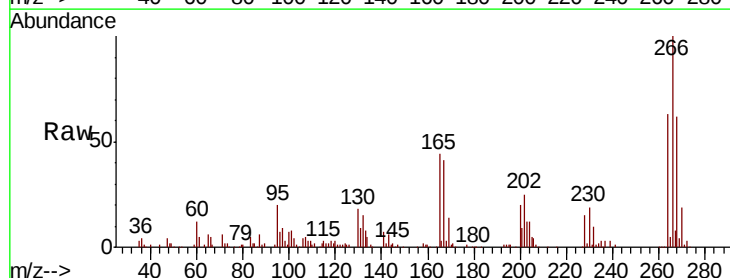
Tgt Ion:266 Resp: 112807

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

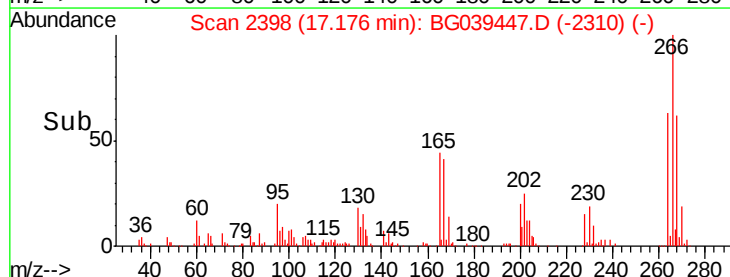
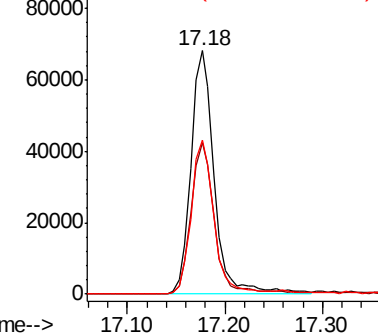
264 63.3 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

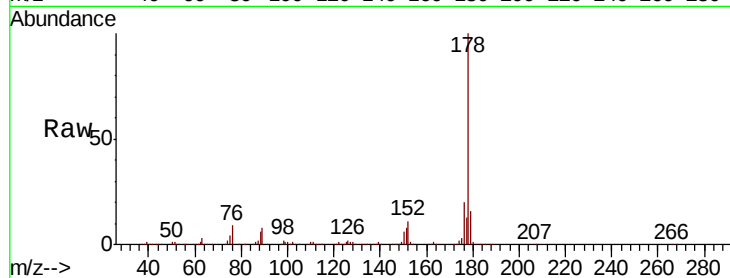




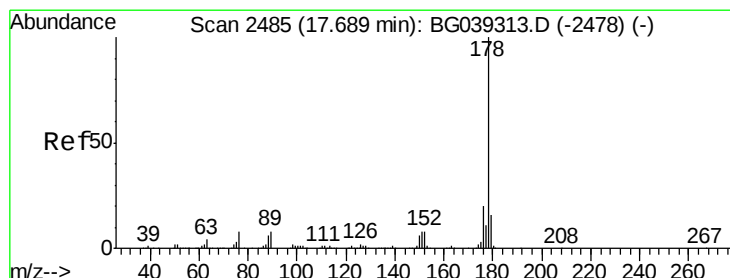
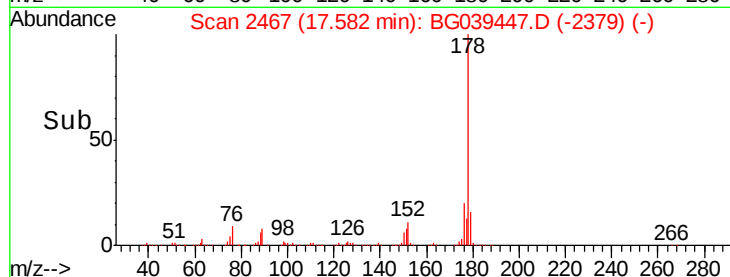
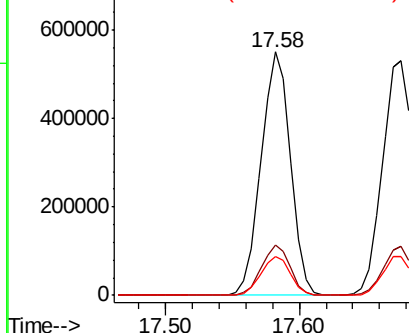
#71
Phenanthrene
Concen: 41.489 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:178 Resp: 836019
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 15.8 12.6 19.0

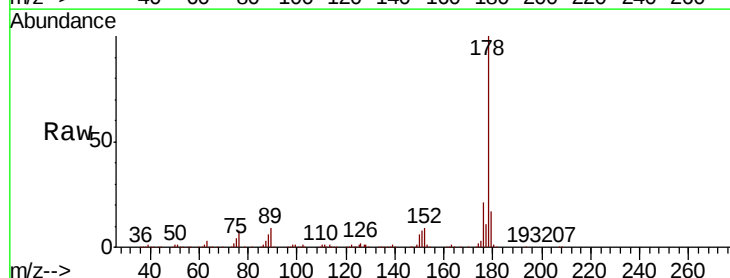


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

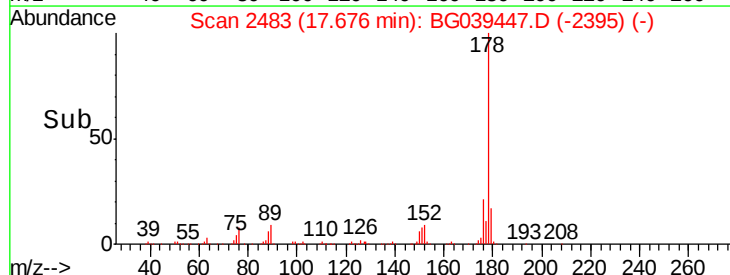
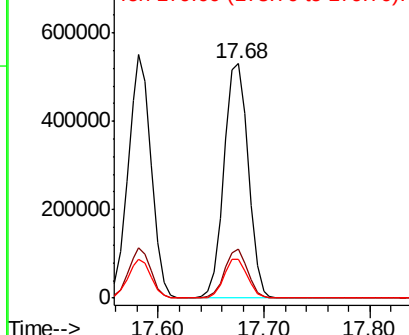


#72
Anthracene
Concen: 42.481 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039447.D
Acq: 11 Feb 2019 23:25

Tgt Ion:178 Resp: 843167
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 16.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.351 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

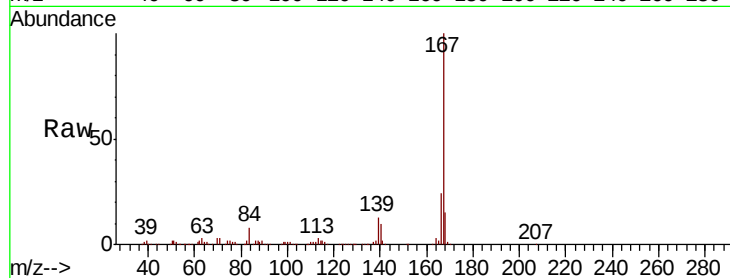
Tot Ion:167 Resp: 720037

Ion Ratio Lower Upper

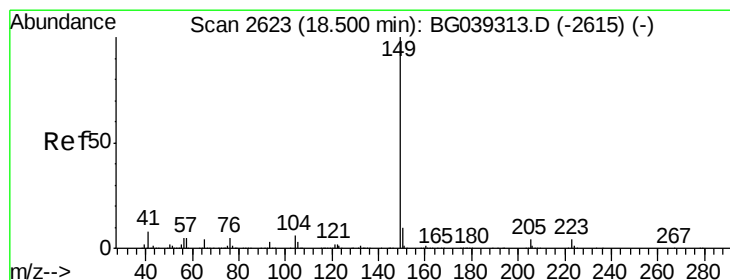
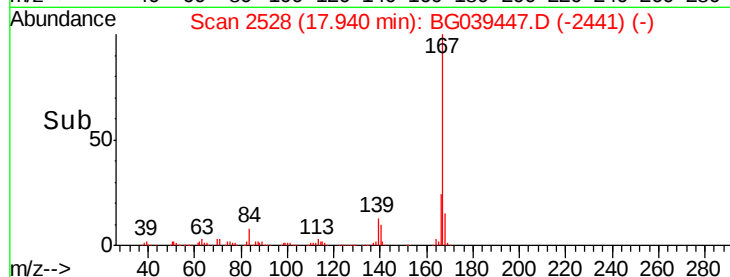
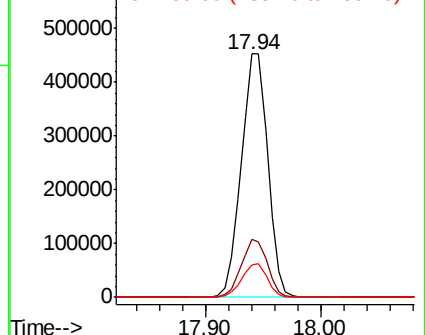
167 100

166 23.6 19.4 29.2

139 13.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.220 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

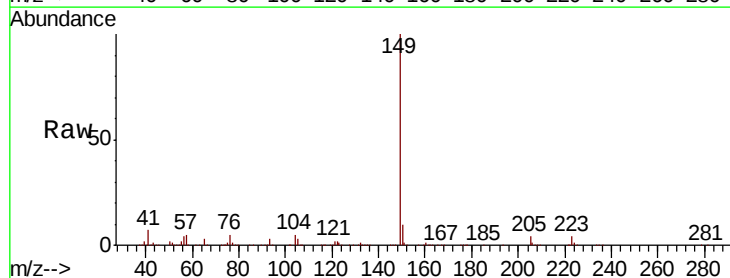
Tgt Ion:149 Resp: 860121

Ion Ratio Lower Upper

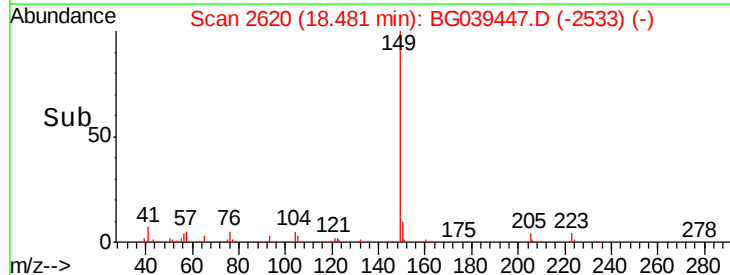
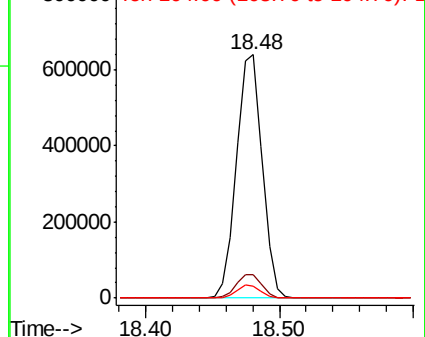
149 100

150 9.8 7.7 11.5

104 5.1 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.493 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

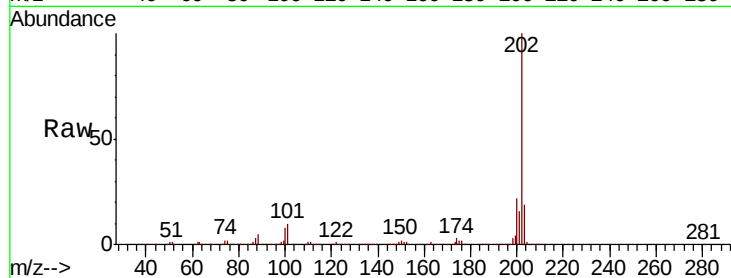
Tot Ion:202 Resp: 947053

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.0

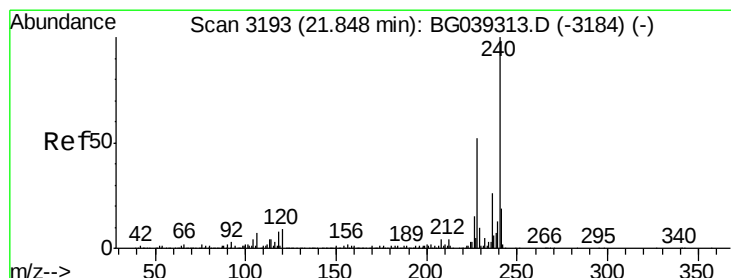
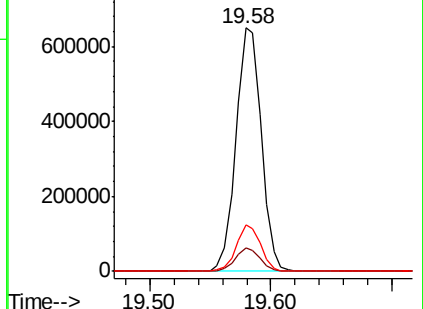
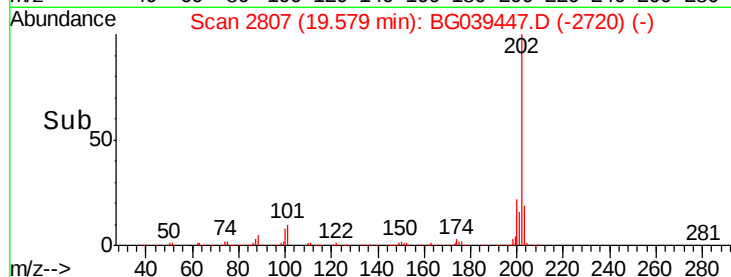
203 19.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

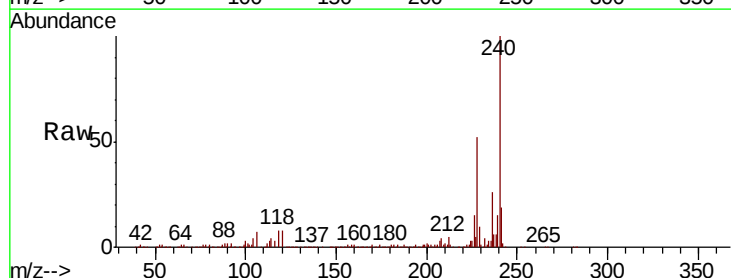
Tgt Ion:240 Resp: 370776

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

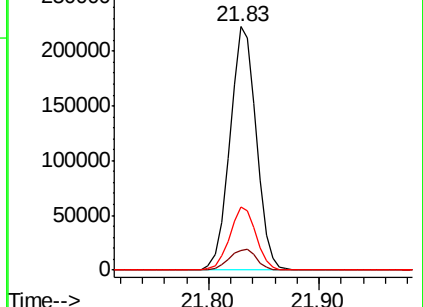
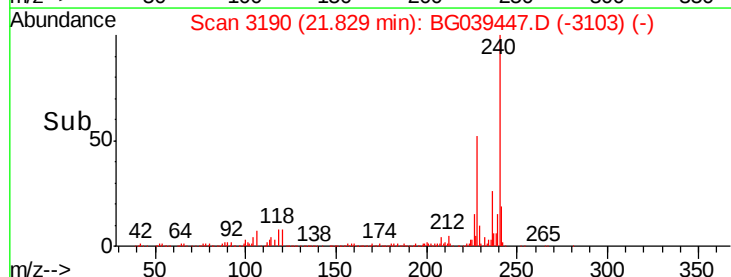
236 26.2 21.0 31.4

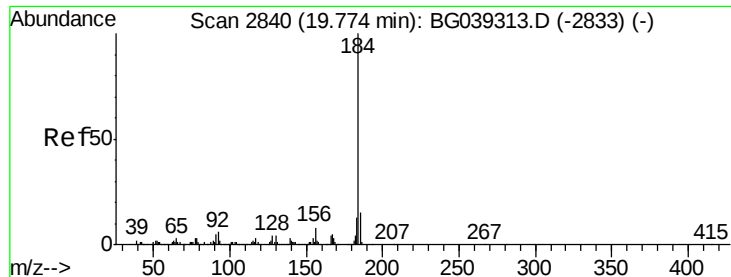


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.058 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

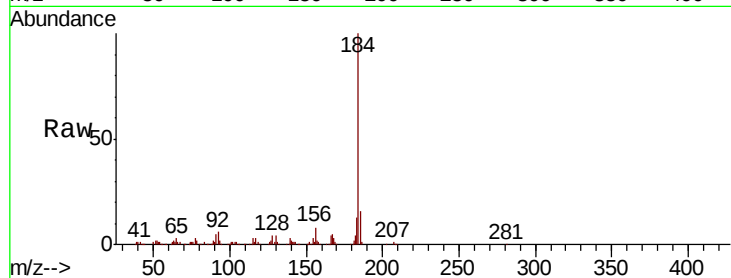
BNA_G

ClientSampleId :

PB116997BS

Tot Ion:184 Resp: 304605

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.2
183	13.4	10.6	15.8

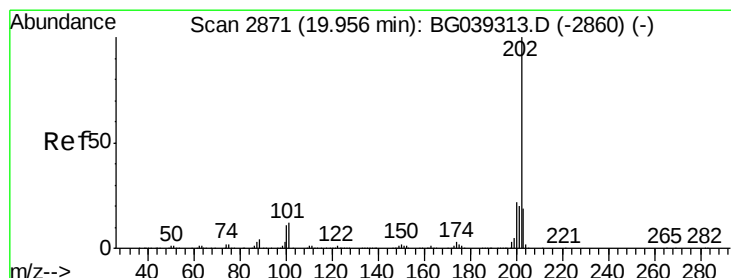
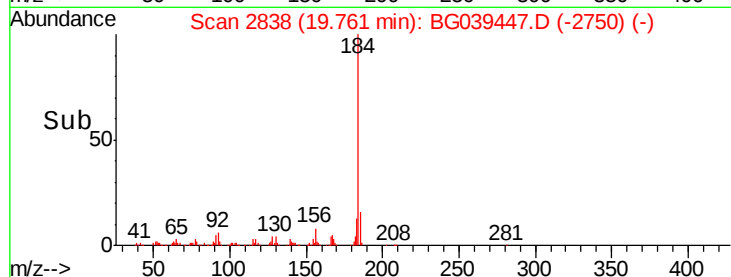
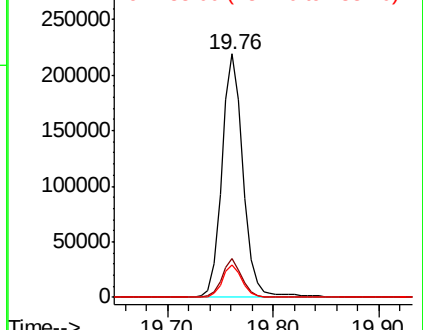


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.623 ng

RT: 19.94 min Scan# 2869

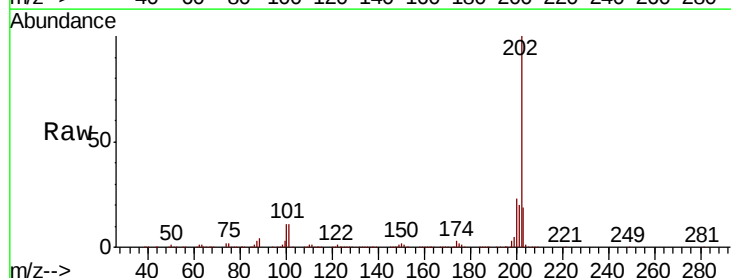
Delta R.T. -0.01 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Tgt Ion:202 Resp: 937656

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.8
203	18.8	15.3	22.9

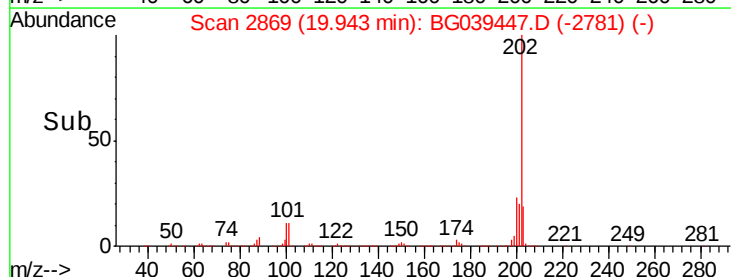
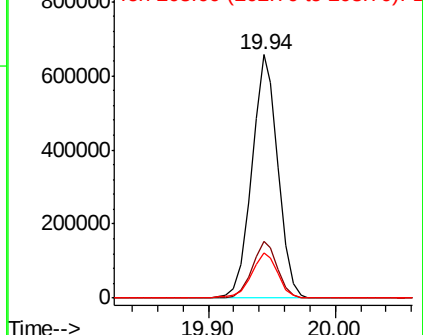


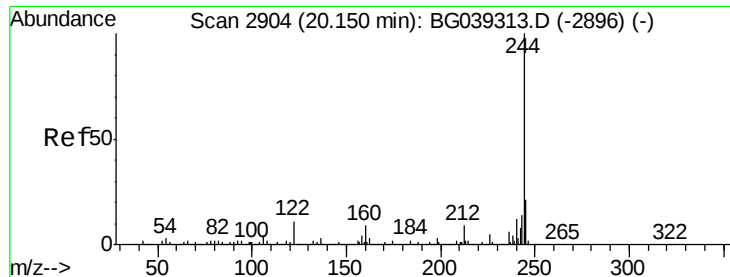
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.317 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

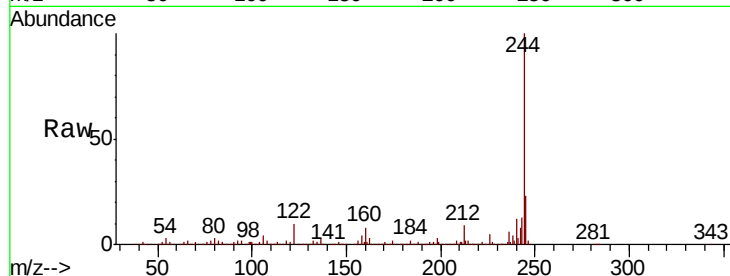
Tot Ion:244 Resp: 1371867

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

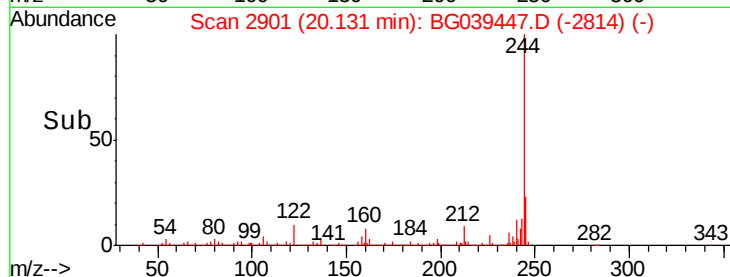
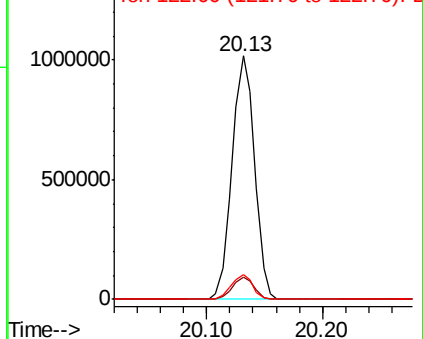
122 10.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.127 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

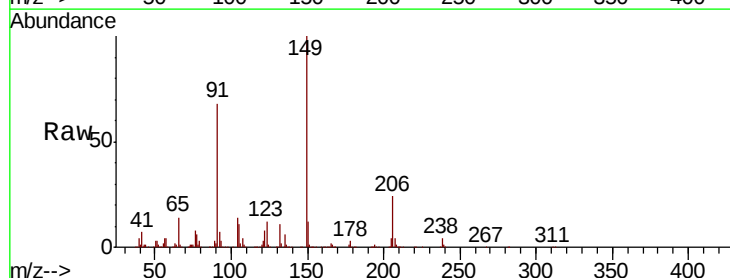
Tgt Ion:149 Resp: 390710

Ion Ratio Lower Upper

149 100

91 67.8 59.5 89.3

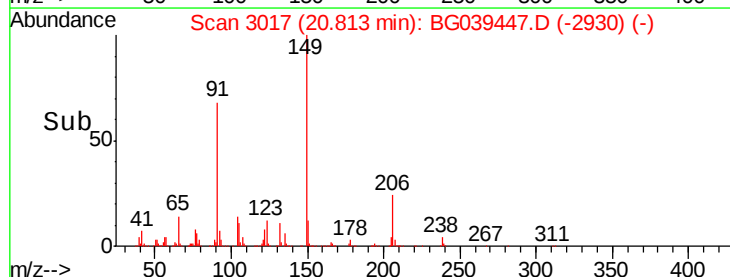
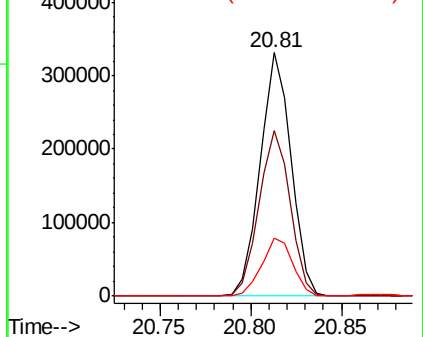
206 24.1 18.6 27.8

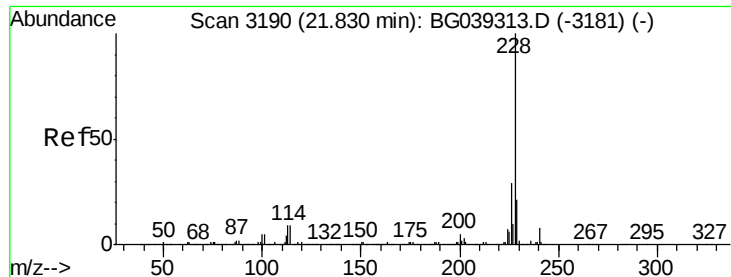


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.043 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

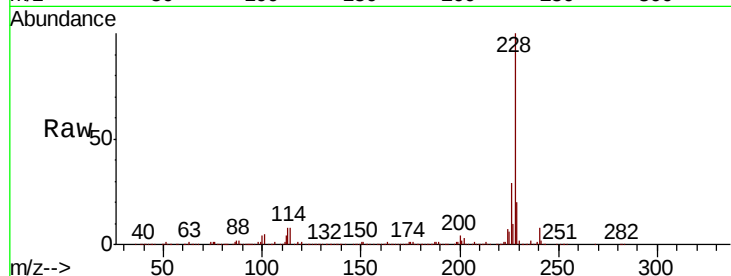
BNA_G

ClientSampleId :

PB116997BS

Tot Ion:228 Resp: 921124

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.3	16.9	25.3

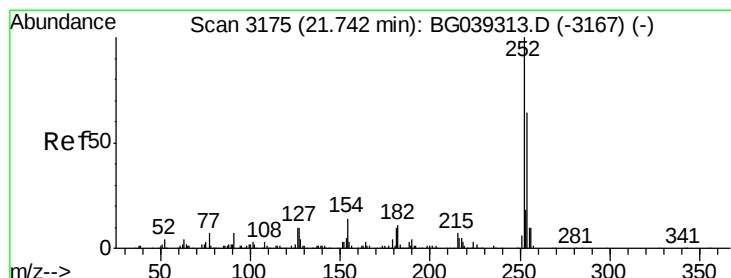
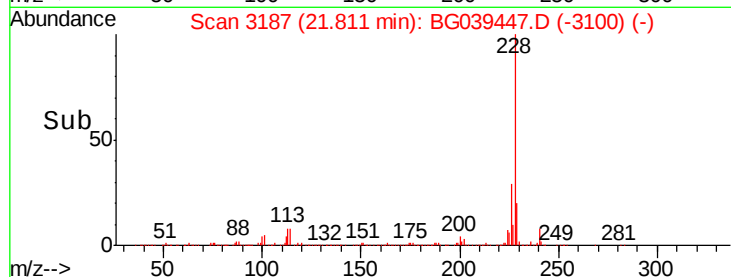
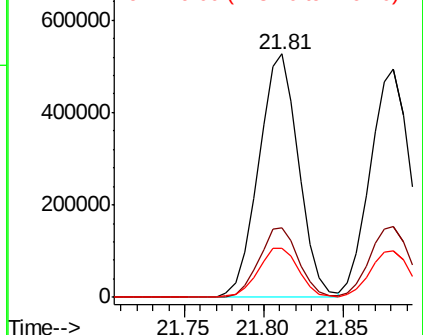


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.675 ng

RT: 21.72 min Scan# 3172

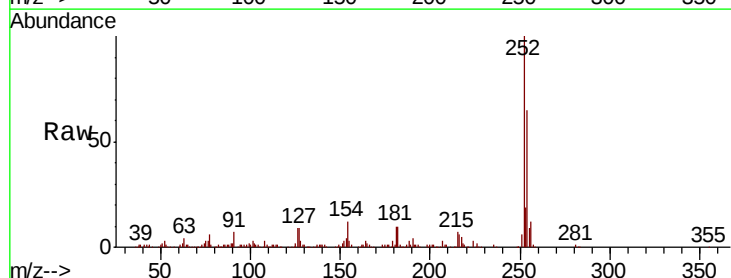
Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Tgt Ion:252 Resp: 200451

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	9.1	8.0	12.0

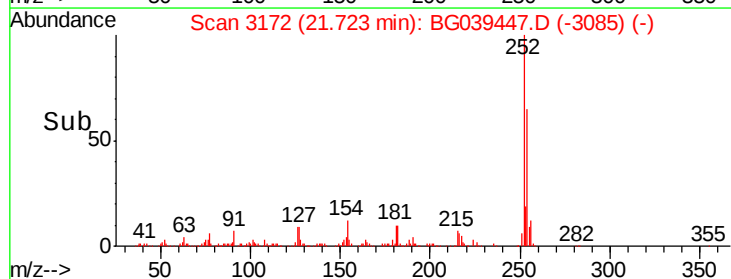
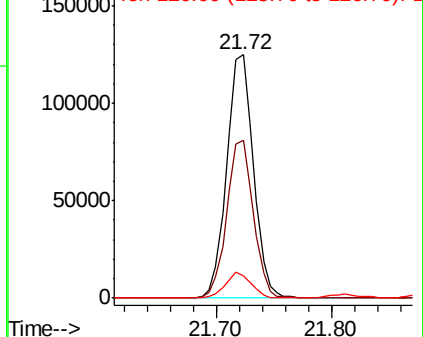


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.384 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

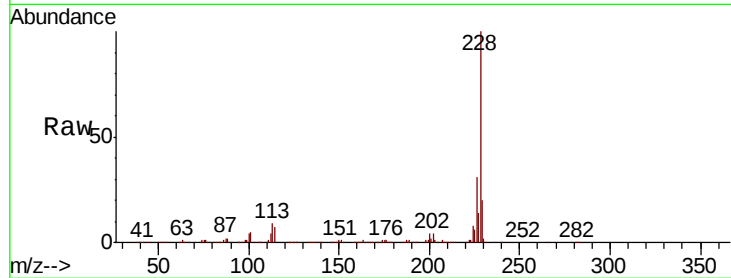
Tot Ion:228 Resp: 863096

Ion Ratio Lower Upper

228 100

226 30.8 25.8 38.6

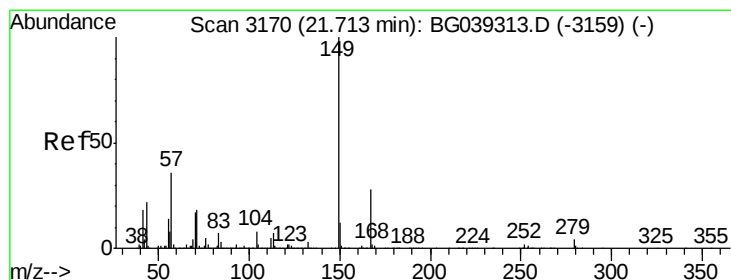
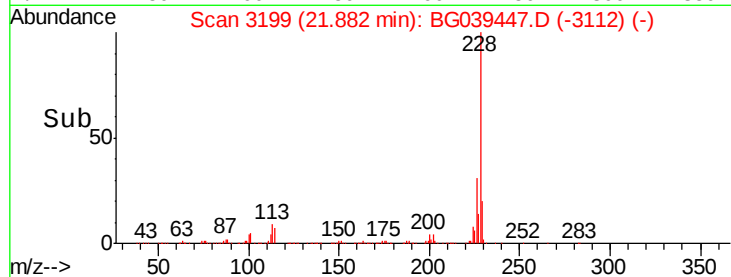
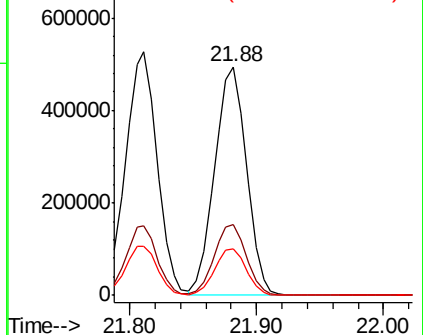
229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.151 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

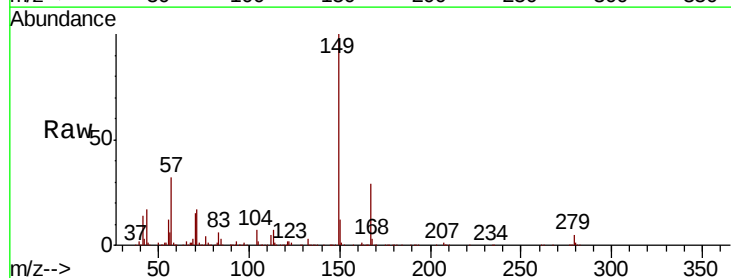
Tgt Ion:149 Resp: 543839

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

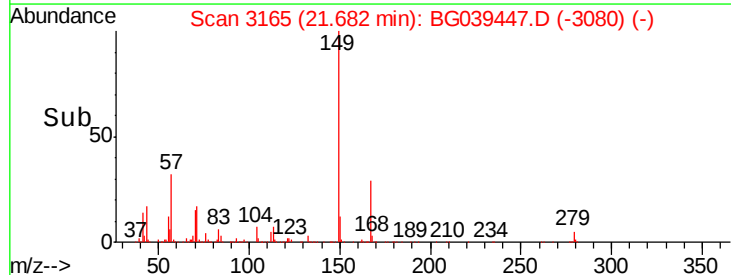
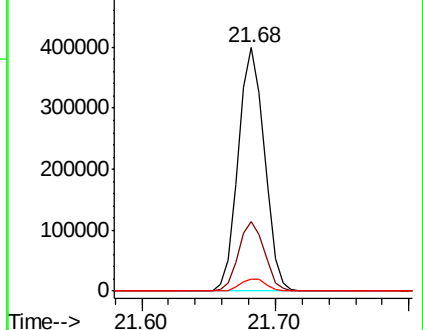
279 4.9 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.093 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

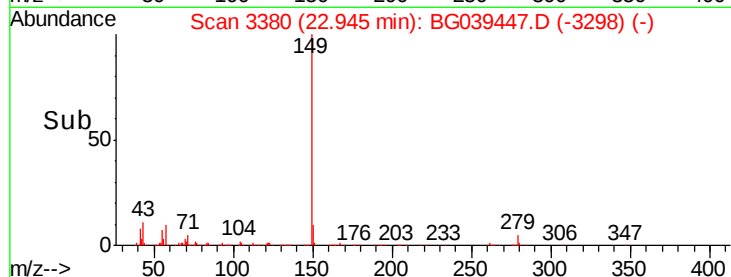
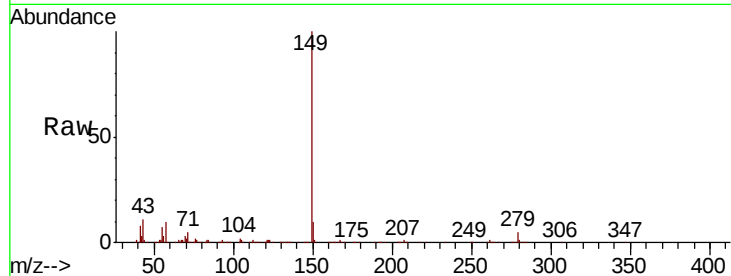
Tot Ion:149 Resp: 943044

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

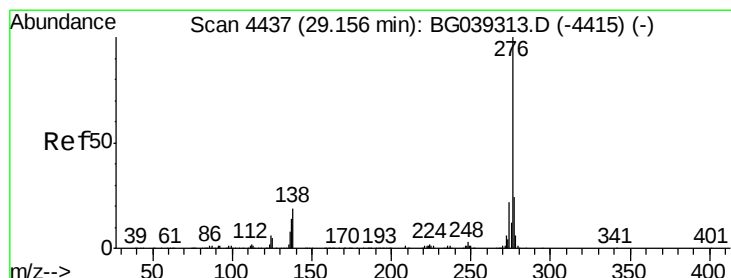
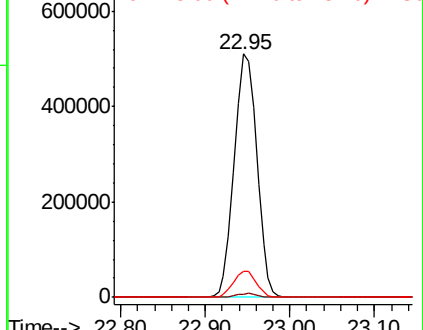
43 10.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.904 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

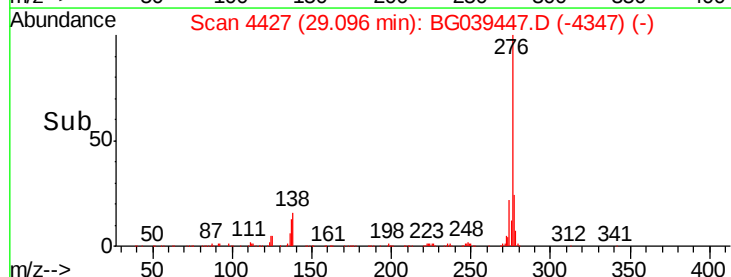
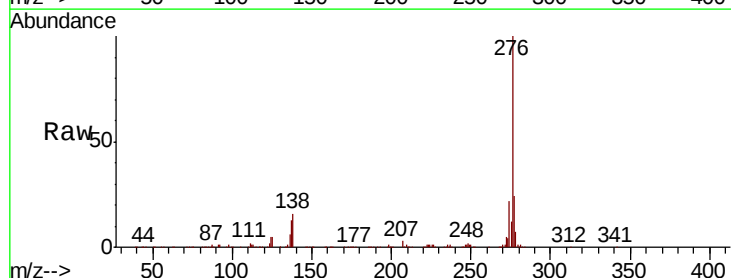
Tgt Ion:276 Resp: 1049558

Ion Ratio Lower Upper

276 100

138 14.7 12.6 19.0

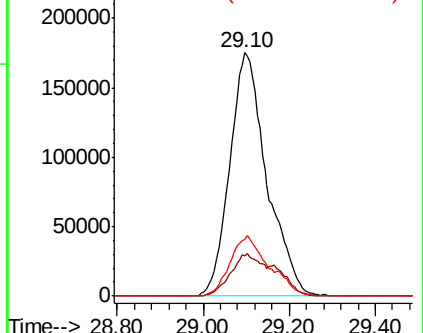
277 25.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

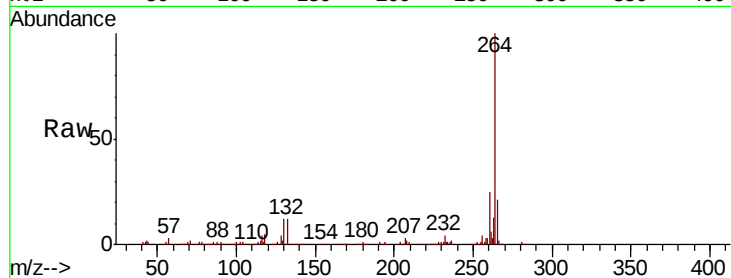
Tot Ion:264 Resp: 387497

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.4

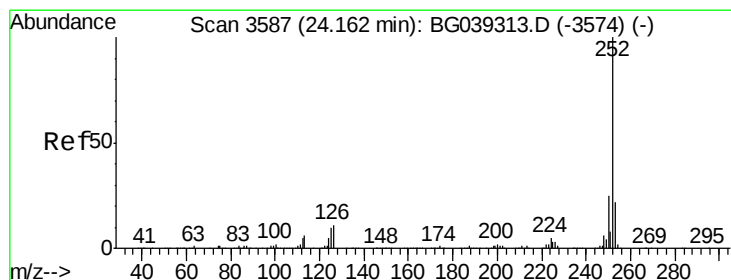
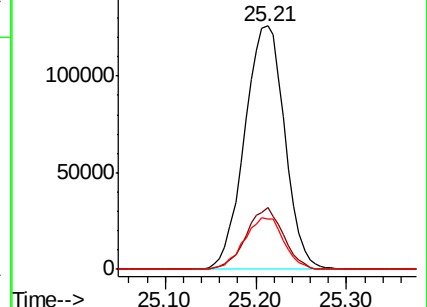
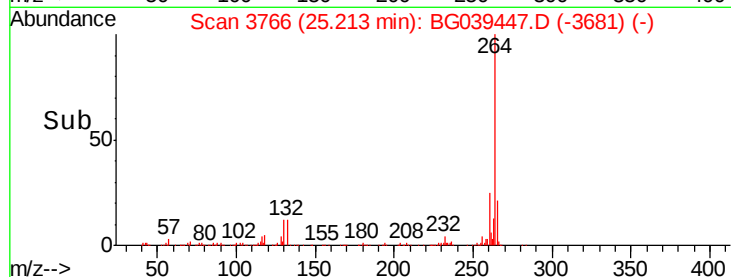
265 20.9 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.697 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

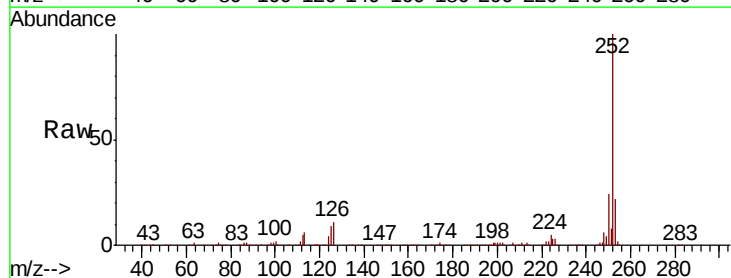
Tgt Ion:252 Resp: 902291

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

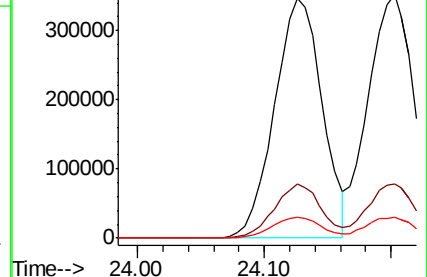
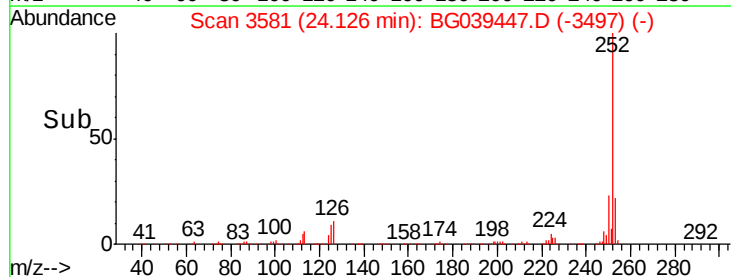
125 8.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.332 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

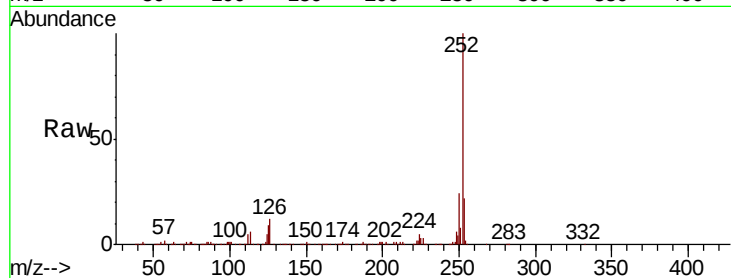
Tot Ion:252 Resp: 898129

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

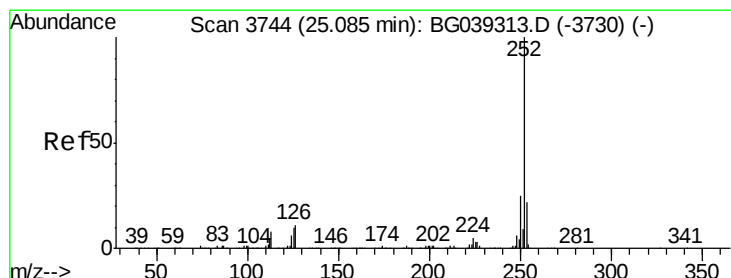
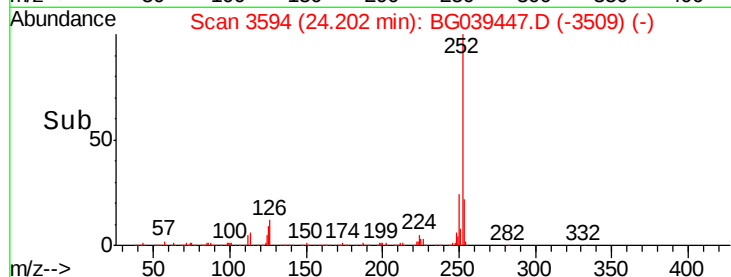
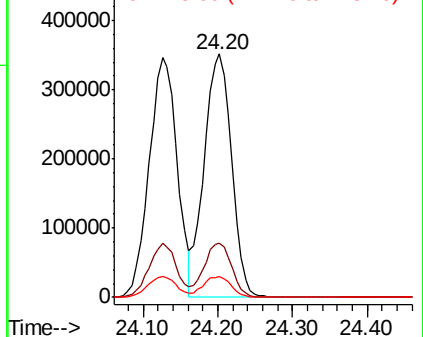
125 8.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.654 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

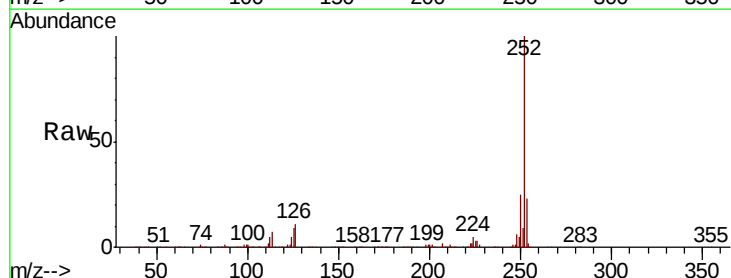
Tgt Ion:252 Resp: 888448

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

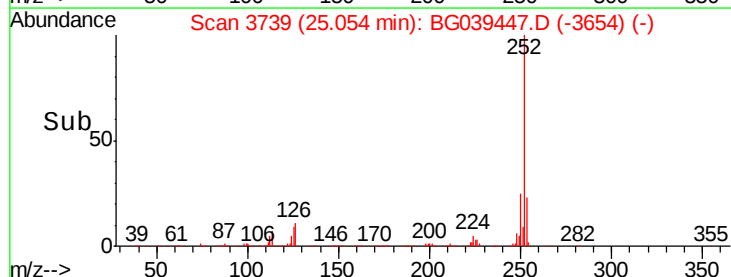
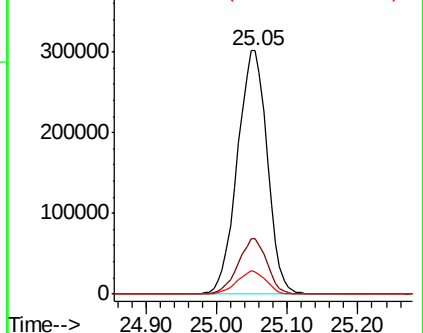
125 8.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.181 ng

RT: 29.17 min Scan# 4440

Delta R.T. -0.07 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

Instrument :

BNA_G

ClientSampleId :

PB116997BS

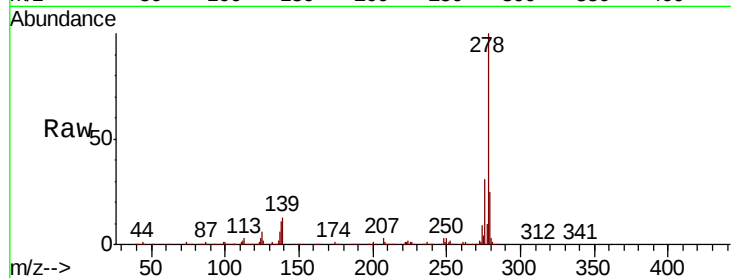
Tot Ion:278 Resp: 842083

Ion Ratio Lower Upper

278 100

139 13.3 11.7 17.5

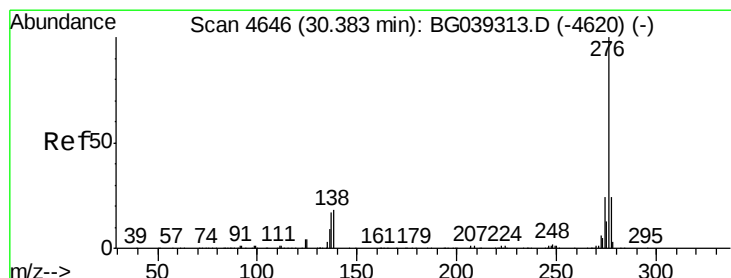
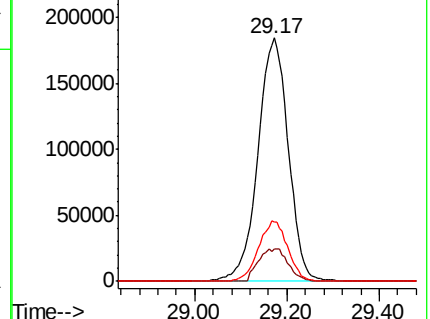
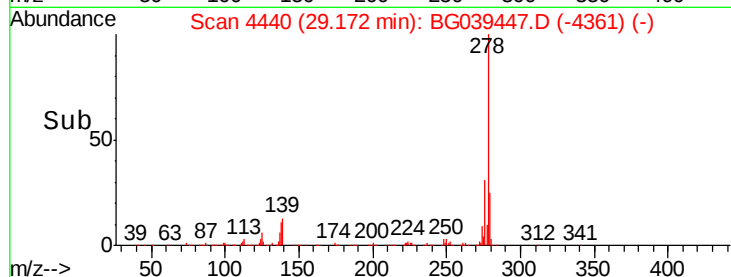
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.889 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039447.D

Acq: 11 Feb 2019 23:25

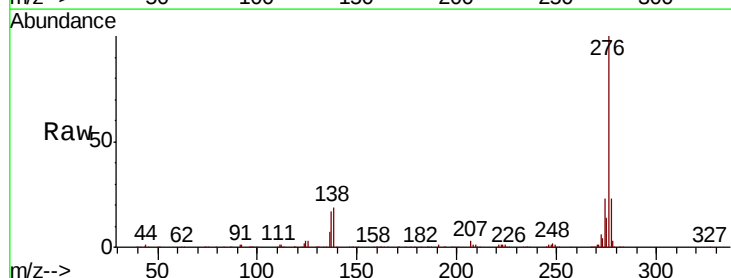
Tgt Ion:276 Resp: 871771

Ion Ratio Lower Upper

276 100

277 23.0 19.6 29.4

138 18.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

