

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038287.D
 Acq On : 1 Dec 2018 14:47
 Operator : JU/SJ
 Sample : PB115178BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Quant Time: Dec 03 01:06:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	26727	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	113696	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	73408	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	181192	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	172202	20.00	ng	-0.01
87) Perylene-d12	25.06	264	178643	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	172579	111.49	ng	-0.01
7) Phenol-d6	7.23	99	240262	108.73	ng	0.00
23) Nitrobenzene-d5	9.25	82	150601	70.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	100417	119.94	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	352456	69.95	ng	-0.01
79) Terphenyl-d14	20.06	244	607801	83.05	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	21068	28.814	ng	# 94
3) Pyridine	3.91	79	60118	28.823	ng	90
4) n-Nitrosodimethylamine	3.84	42	35087	46.369	ng	83
6) Aniline	7.40	93	56824	19.925	ng	97
8) 2-Chlorophenol	7.64	128	72868	40.568	ng	99
9) Benzaldehyde	7.22	77	43362	27.136	ng	95
10) Phenol	7.25	94	96450	41.209	ng	93
11) bis(2-Chloroethyl)ether	7.50	93	66850	34.986	ng	97
12) 1,3-Dichlorobenzene	7.96	146	72043	34.816	ng	97
13) 1,4-Dichlorobenzene	8.11	146	74103	35.452	ng	98
14) 1,2-Dichlorobenzene	8.43	146	70935	35.545	ng	97
15) Benzyl Alcohol	8.32	79	68228	42.672	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153354	43.222	ng	95
17) 2-Methylphenol	8.51	107	64988	41.070	ng	# 91
18) Hexachloroethane	9.16	117	27676	36.381	ng	88
19) n-Nitroso-di-n-propylamine	8.88	70	57724	36.103	ng	89
20) 3+4-Methylphenols	8.84	107	91954	40.993	ng	95
22) Acetophenone	8.91	105	108363	38.307	ng	# 94
24) Nitrobenzene	9.29	77	87488	40.266	ng	98
25) Isophorone	9.81	82	168395	44.049	ng	98
26) 2-Nitrophenol	10.00	139	42353	39.047	ng	90
27) 2,4-Dimethylphenol	10.05	122	77978	47.714	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	97581	39.918	ng	98
29) 2,4-Dichlorophenol	10.54	162	78917	42.931	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	76712	37.241	ng	96
31) Naphthalene	10.94	128	229279	41.000	ng	99
32) Benzoic acid	10.18	122	34627	36.784	ng	97
33) 4-Chloroaniline	11.06	127	36301	13.955	ng	97
34) Hexachlorobutadiene	11.21	225	46598	36.756	ng	97
35) Caprolactam	11.84	113	16051	21.815	ng	# 75
36) 4-Chloro-3-methylphenol	12.17	107	89112	44.372	ng	95
37) 2-Methylnaphthalene	12.54	142	171518	42.700	ng	96
38) 1-Methylnaphthalene	12.77	142	162447	42.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	89756	36.591	ng	97

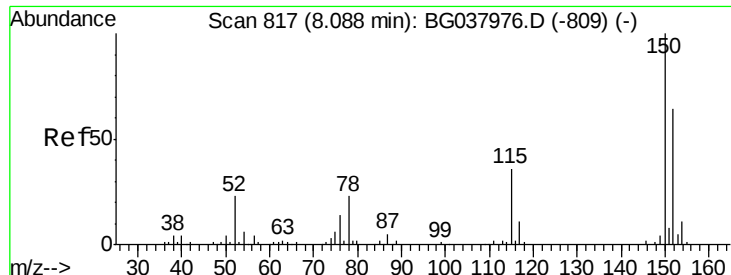
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	105920	80.639	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	65782	39.354	ng	96
44) 2,4,5-Trichlorophenol	13.22	196	73727	41.920	ng	95
46) 1,1'-Biphenyl	13.55	154	222590	36.093	ng	99
47) 2-Chloronaphthalene	13.59	162	178282	37.884	ng	99
48) 2-Nitroaniline	13.81	65	65195	44.018	ng	97
49) Acenaphthylene	14.44	152	297822	42.084	ng	99
50) Dimethylphthalate	14.16	163	246394	42.339	ng	99
51) 2,6-Dinitrotoluene	14.29	165	54921	41.697	ng	90
52) Acenaphthene	14.78	154	168996	39.667	ng	98
53) 3-Nitroaniline	14.63	138	25402	17.478	ng	# 96
54) 2,4-Dinitrophenol	14.83	184	67689	93.455	ng	# 82
55) Dibenzofuran	15.11	168	281029	39.892	ng	96
56) 4-Nitrophenol	14.92	139	96221	85.839	ng	83
57) 2,4-Dinitrotoluene	15.08	165	79942	44.609	ng	96
58) Fluorene	15.76	166	230165	43.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	67842	46.098	ng	97
60) Diethylphthalate	15.52	149	259786	42.028	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	120597	39.211	ng	99
62) 4-Nitroaniline	15.79	138	59244	41.033	ng	92
63) Azobenzene	16.04	77	237372	42.950	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	48387	42.221	ng	93
66) n-Nitrosodiphenylamine	15.96	169	212916	38.842	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	79348	39.899	ng	97
68) Hexachlorobenzene	16.76	284	81857	39.876	ng	96
69) Atrazine	16.90	200	85537	42.331	ng	98
70) Pentachlorophenol	17.10	266	101221	72.603	ng	92
71) Phenanthrene	17.50	178	400923	43.218	ng	98
72) Anthracene	17.60	178	410479	44.888	ng	99
73) Carbazole	17.87	167	372130	40.561	ng	100
74) Di-n-butylphthalate	18.40	149	455649	44.243	ng	98
75) Fluoranthene	19.51	202	488117	46.118	ng	98
77) Benzidine	19.69	184	160530	26.567	ng	99
78) Pyrene	19.88	202	490076	43.529	ng	96
80) Butylbenzylphthalate	20.74	149	203983	41.430	ng	98
81) Benzo(a)anthracene	21.72	228	445666	42.826	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	79200	19.538	ng	99
83) Chrysene	21.79	228	414857	41.666	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	286971	40.870	ng	98
85) Di-n-octyl phthalate	22.82	149	486922	42.865	ng	98
86) Indeno(1,2,3-cd)pyrene	28.86	276	489727	44.286	ng	# 97
88) Benzo(b)fluoranthene	23.99	252	430882	43.830	ng	97
89) Benzo(k)fluoranthene	24.06	252	426369	43.953	ng	99
90) Benzo(a)pyrene	24.90	252	424759	45.211	ng	99
91) Dibenzo(a,h)anthracene	28.93	278	404058	44.698	ng	99
92) Benzo(g,h,i)perylene	30.06	276	403997	44.947	ng	97

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

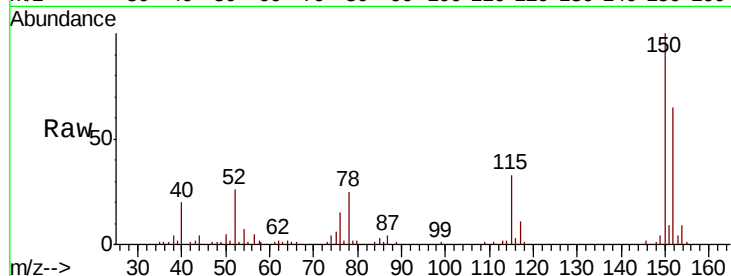


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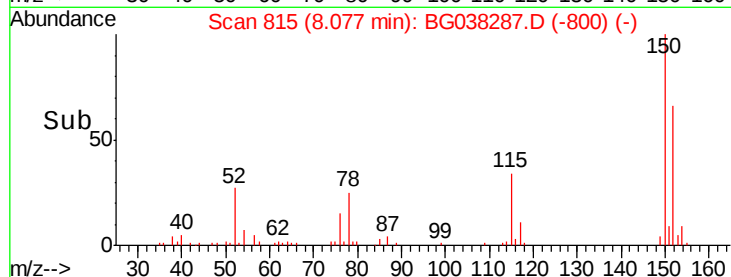
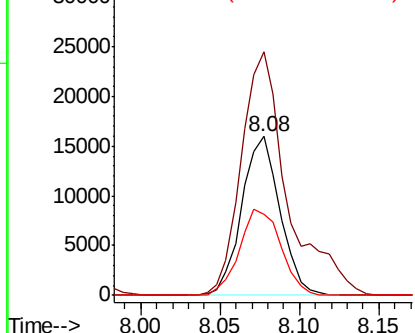
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:152 Resp: 26727
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 50.7 45.5 68.3



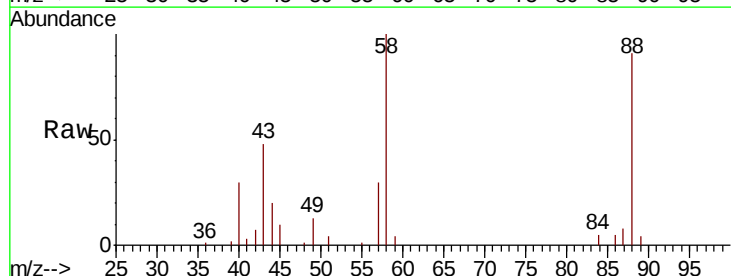
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



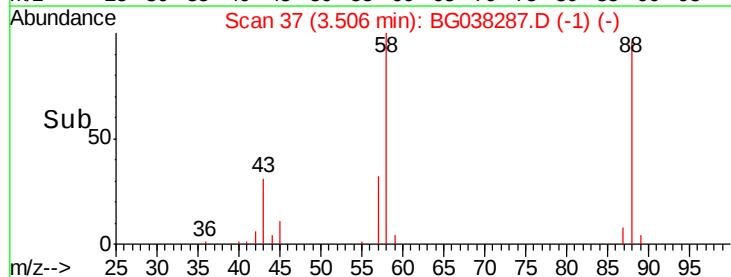
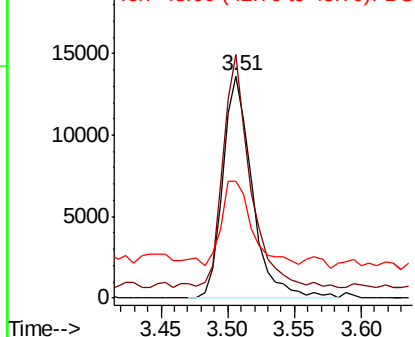
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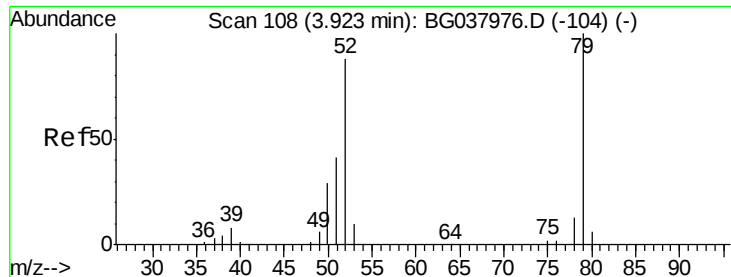
1,4-Dioxane
Concen: 28.814 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion: 88 Resp: 21068
Ion Ratio Lower Upper
88 100
58 97.5 74.4 111.6
43 38.8 25.8 38.8#



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: 28.823 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

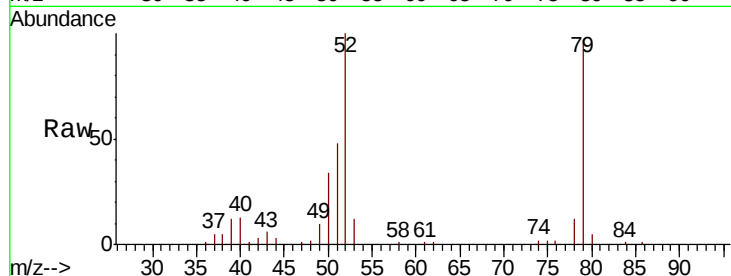
Tot Ion: 79 Resp: 60118

Ion Ratio Lower Upper

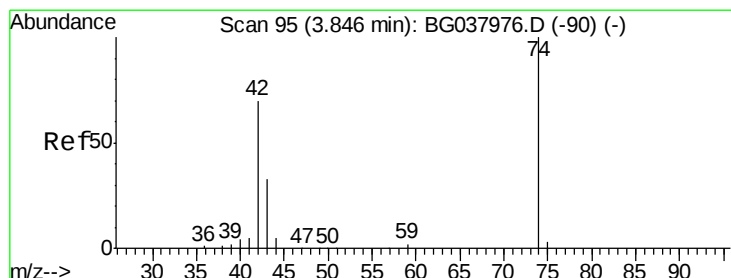
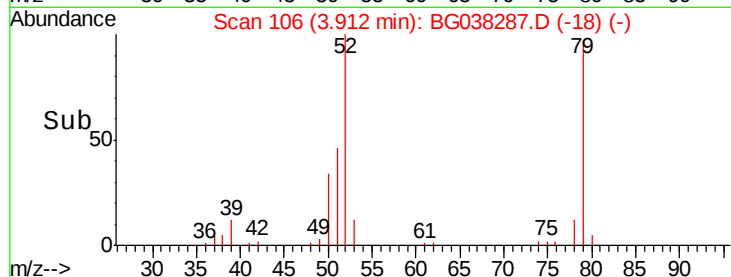
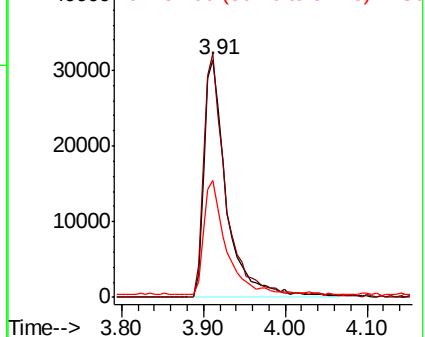
79 100

52 102.6 74.2 111.2

51 49.1 34.6 51.8



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: 46.369 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

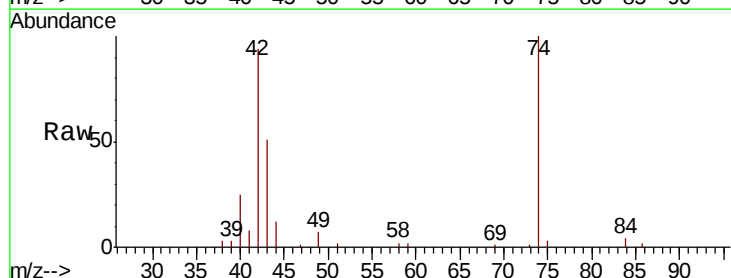
Tgt Ion: 42 Resp: 35087

Ion Ratio Lower Upper

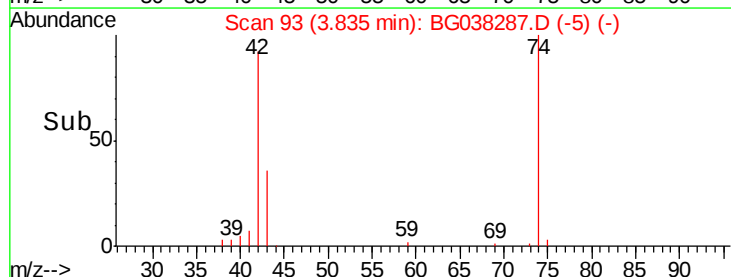
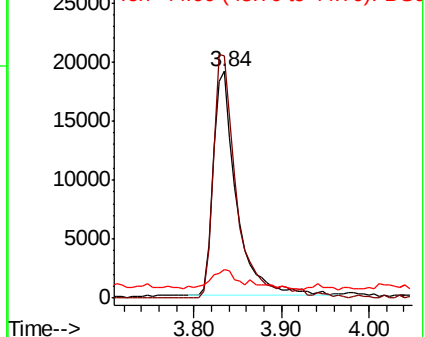
42 100

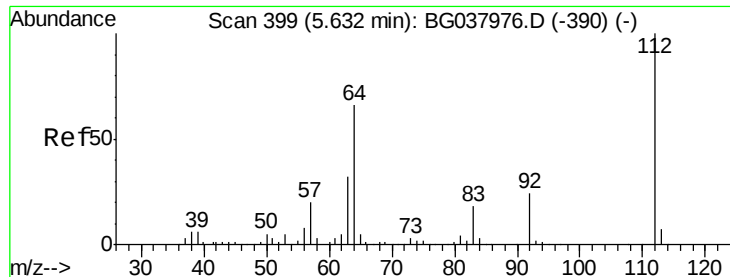
74 106.9 102.0 153.0

44 12.7 9.6 14.4



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: 111.486 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

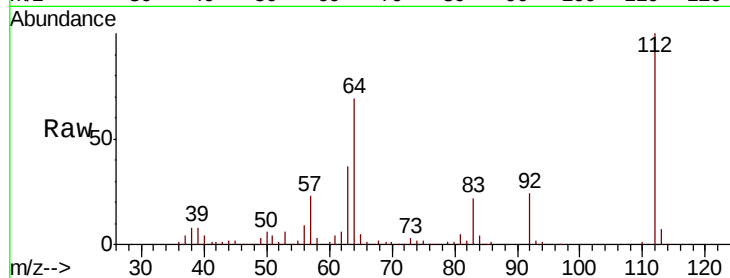
Tot Ion:112 Resp: 172579

Ion Ratio Lower Upper

112 100

64 68.8 53.1 79.7

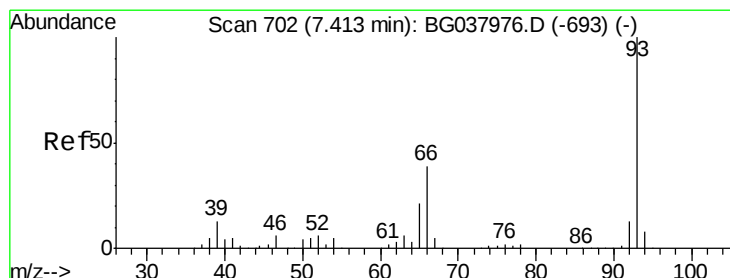
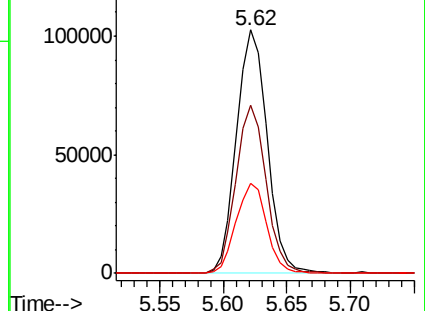
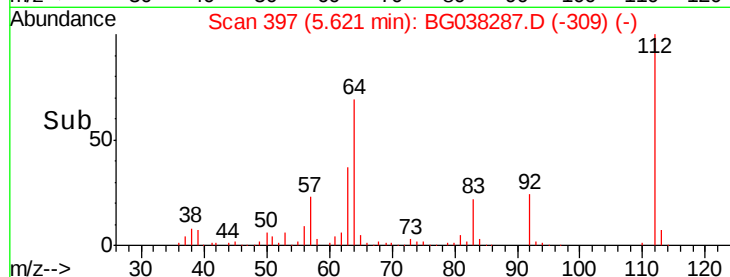
63 36.9 27.3 40.9



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: 19.925 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

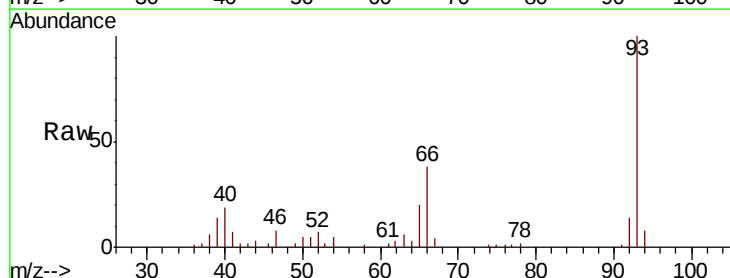
Tgt Ion: 93 Resp: 56824

Ion Ratio Lower Upper

93 100

66 37.9 32.8 49.2

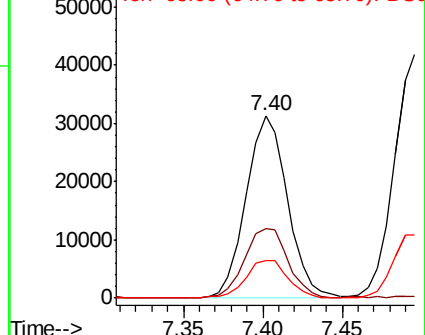
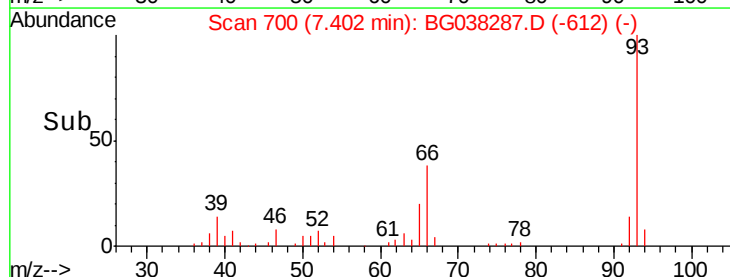
65 20.3 16.4 24.6

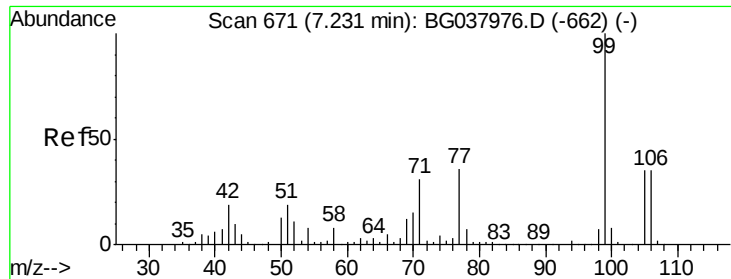


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.733 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

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ClientSampleId :

PB115178BS

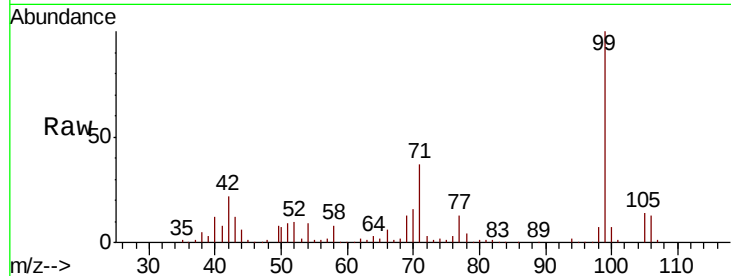
Tot Ion: 99 Resp: 240262

Ion Ratio Lower Upper

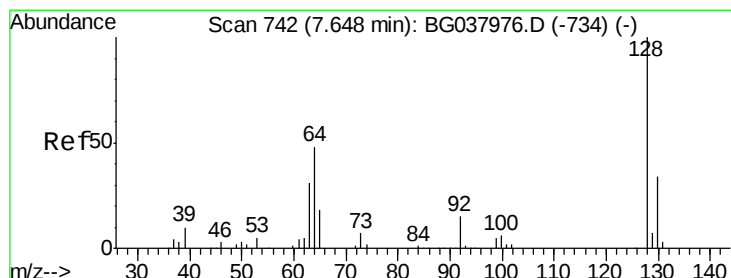
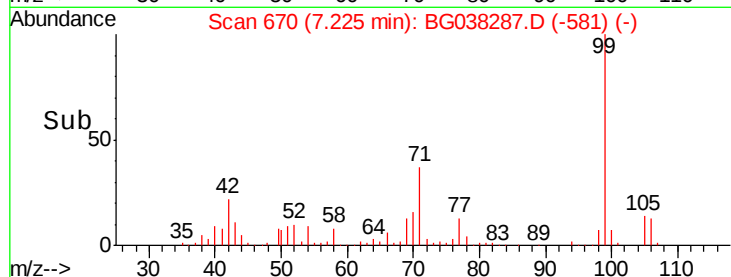
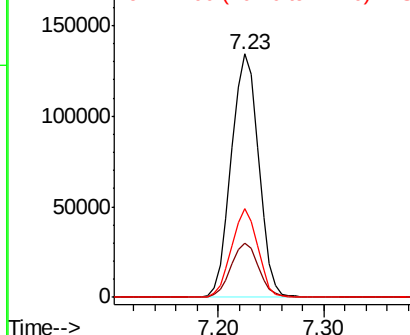
99 100

42 22.2 15.0 22.4

71 36.6 25.5 38.3



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: 40.568 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

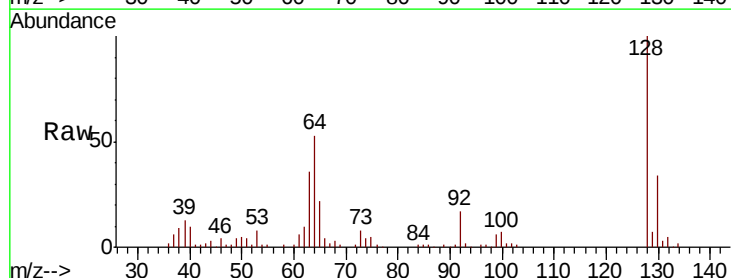
Tgt Ion:128 Resp: 72868

Ion Ratio Lower Upper

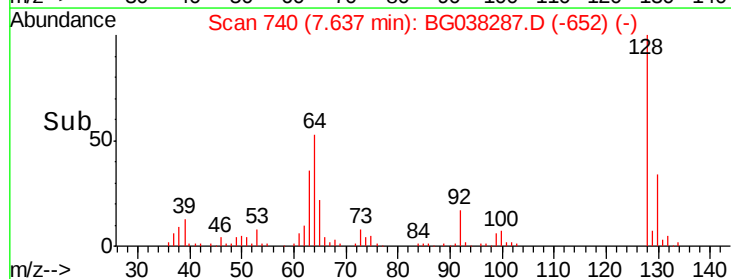
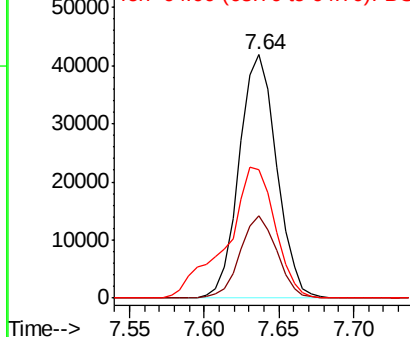
128 100

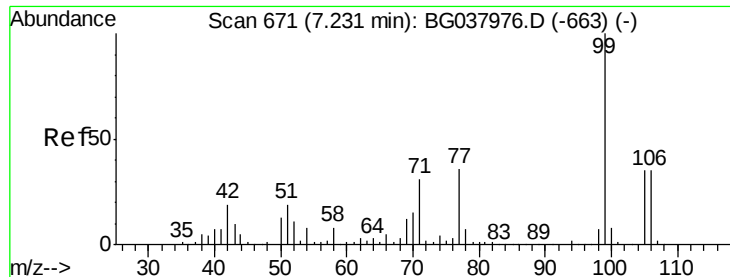
130 33.8 12.0 52.0

64 53.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 27.136 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

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ClientSampleId :

PB115178BS

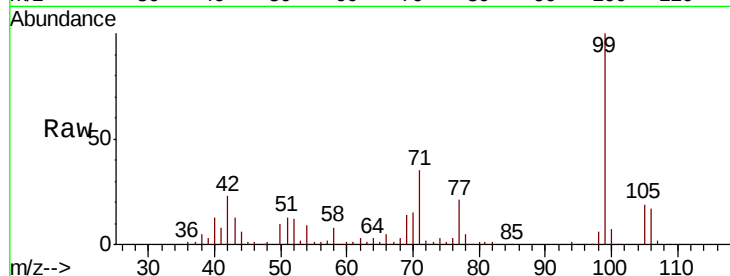
Tot Ion: 77 Resp: 43362

Ion Ratio Lower Upper

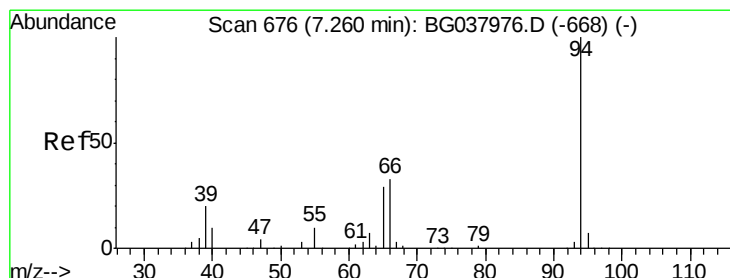
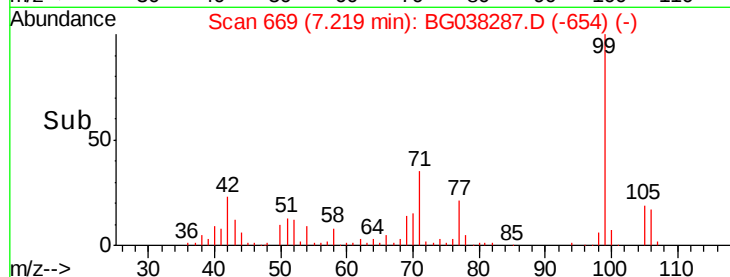
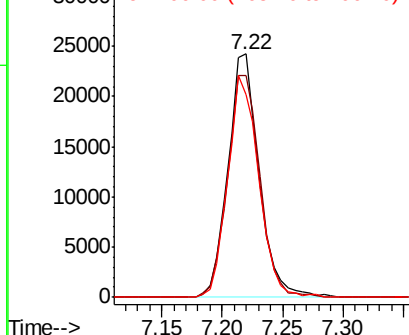
77 100

105 91.1 72.6 112.6

106 83.1 71.3 111.3



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: 41.209 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

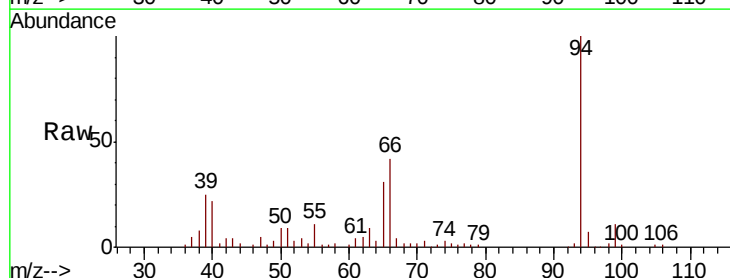
Tgt Ion: 94 Resp: 96450

Ion Ratio Lower Upper

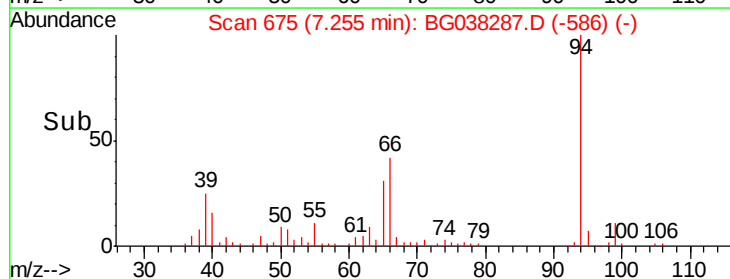
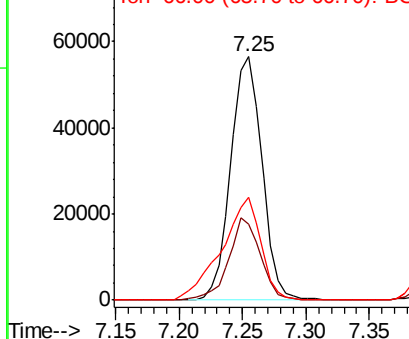
94 100

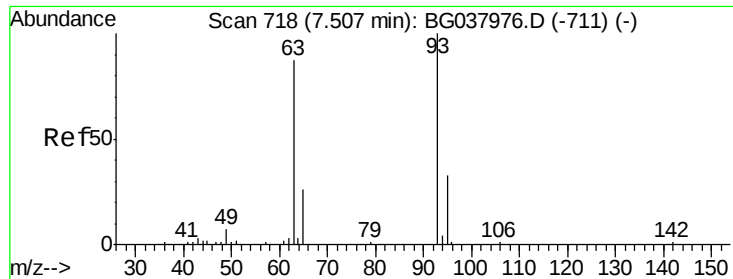
65 31.4 9.7 49.7

66 42.1 15.9 55.9



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

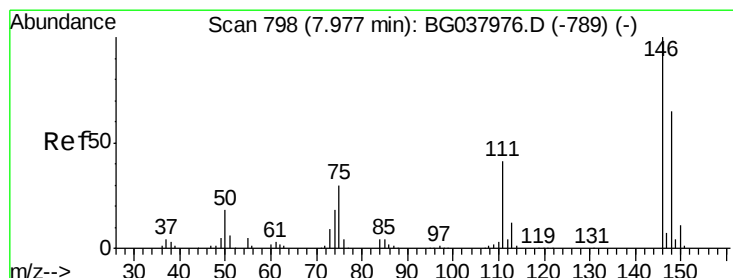
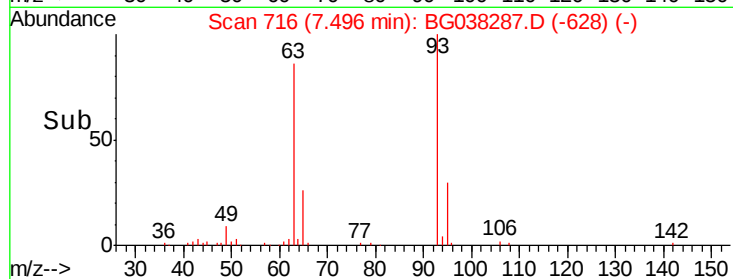
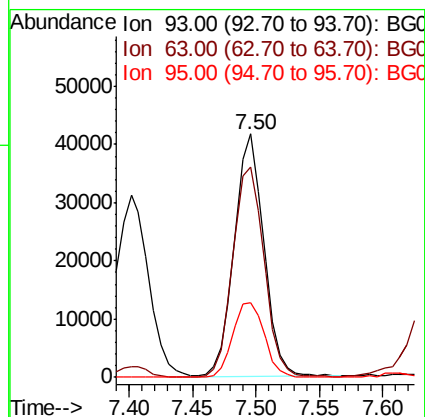
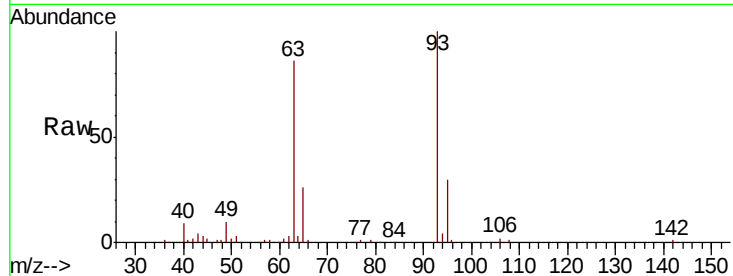




#11
bis(2-Chloroethyl)ether
Concen: 34.986 ng
RT: 7.50 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

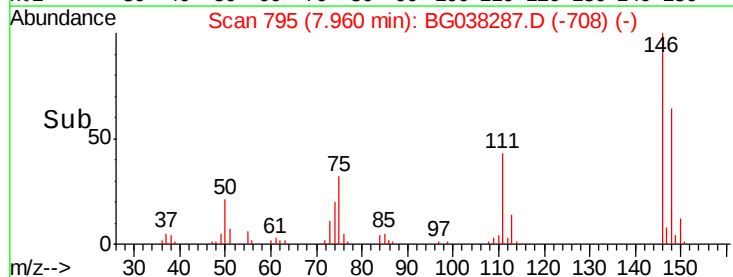
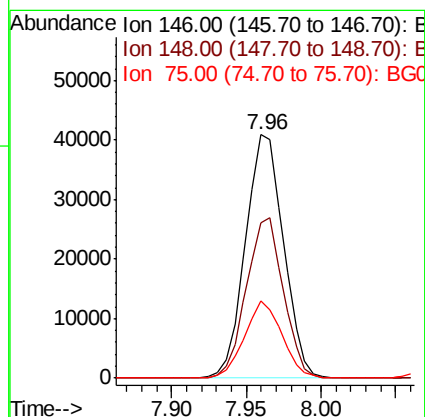
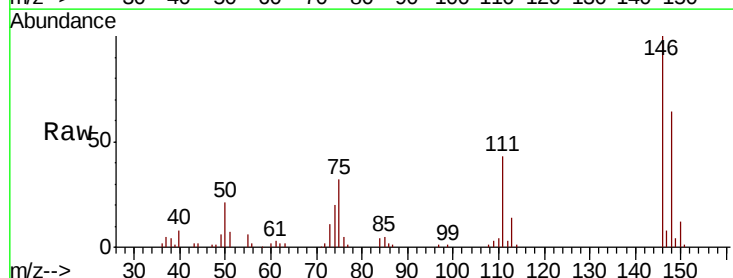
Instrument :
BNA_G
ClientSampleId :
PB115178BS

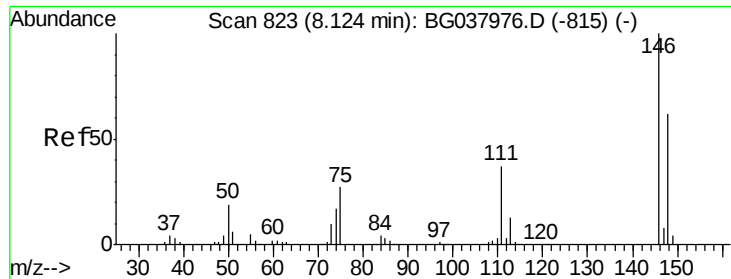
Tot Ion: 93 Resp: 66850
Ion Ratio Lower Upper
93 100
63 86.4 69.5 109.5
95 30.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 34.816 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion: 146 Resp: 72043
Ion Ratio Lower Upper
146 100
148 63.7 49.8 74.8
75 31.8 23.2 34.8

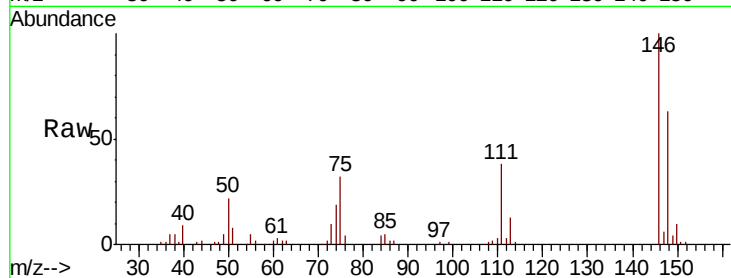




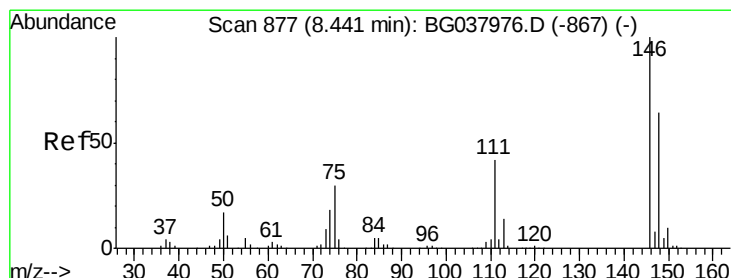
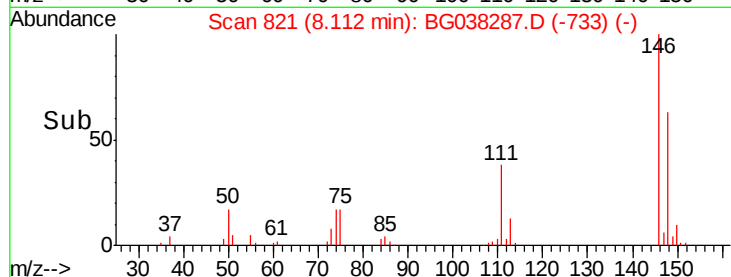
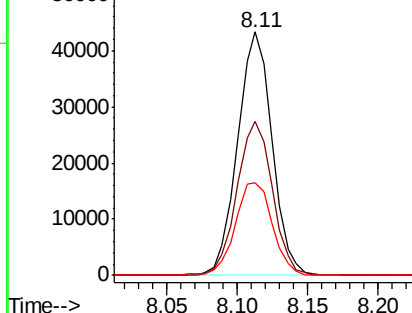
#13
 1,4-Dichlorobenzene
 Concen: 35.452 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:146 Resp: 74103
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 38.0 32.4 48.6

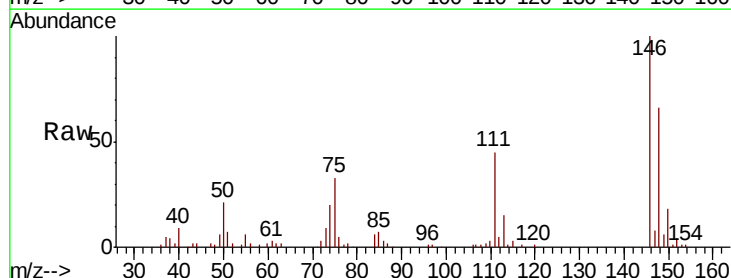


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

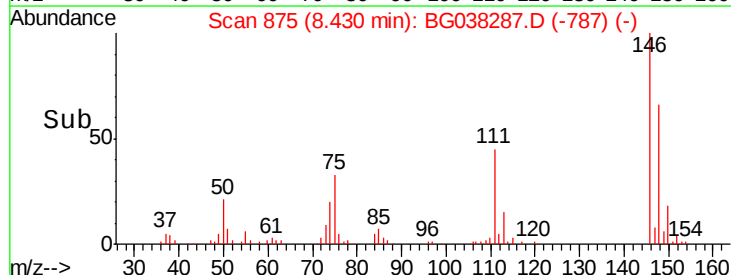
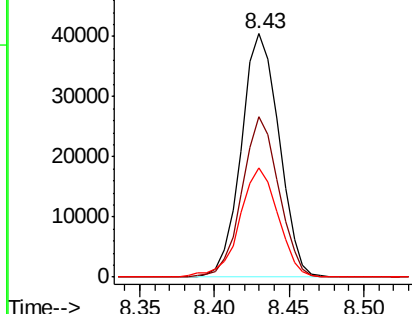


#14
 1,2-Dichlorobenzene
 Concen: 35.545 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion:146 Resp: 70935
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.4 75.6
 111 44.9 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.672 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

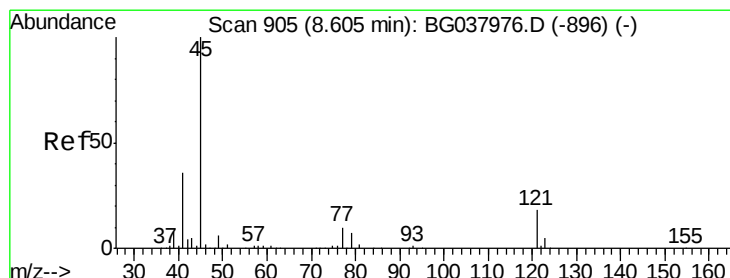
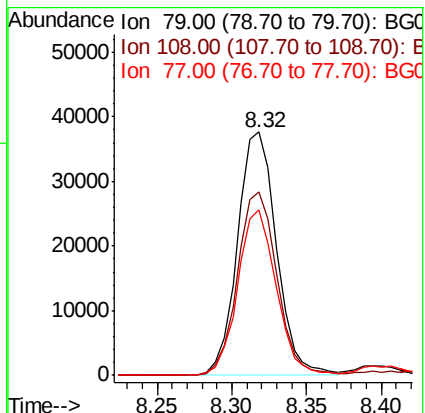
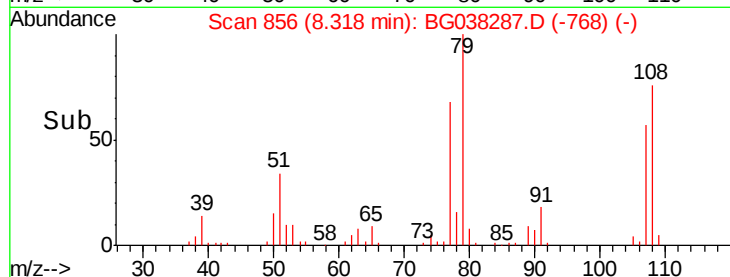
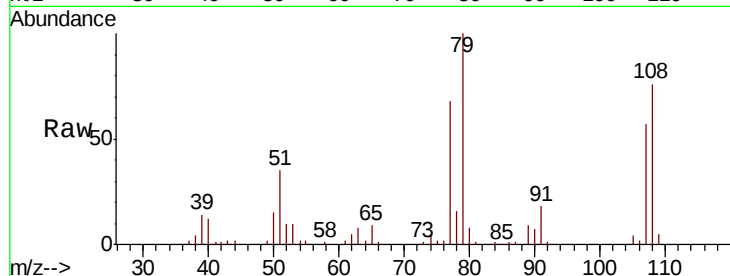
Tot Ion: 79 Resp: 68228

Ion Ratio Lower Upper

79 100

108 75.6 65.8 98.8

77 67.9 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.222 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

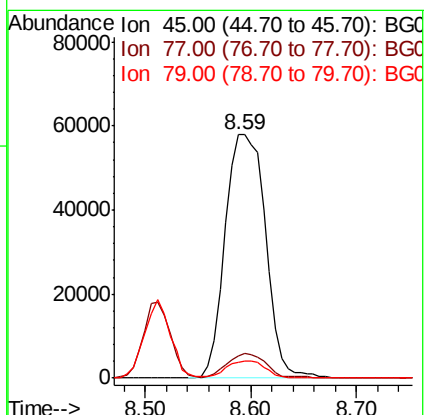
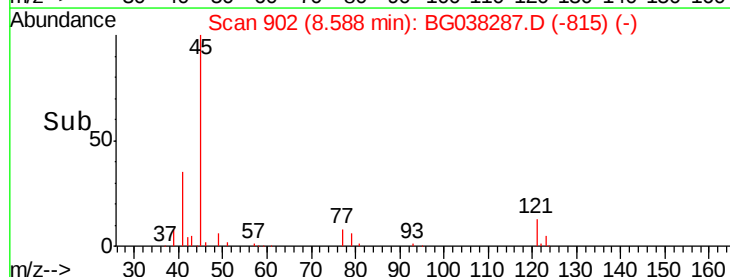
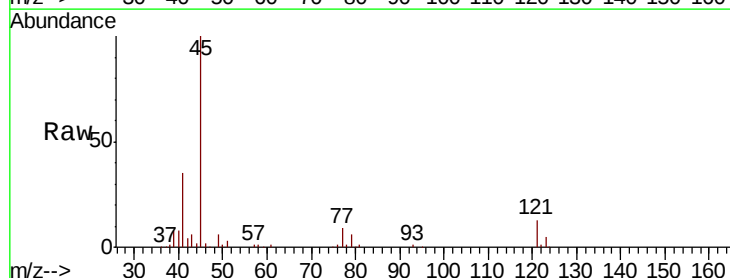
Tgt Ion: 45 Resp: 153354

Ion Ratio Lower Upper

45 100

77 9.0 0.0 30.0

79 6.3 0.0 29.0

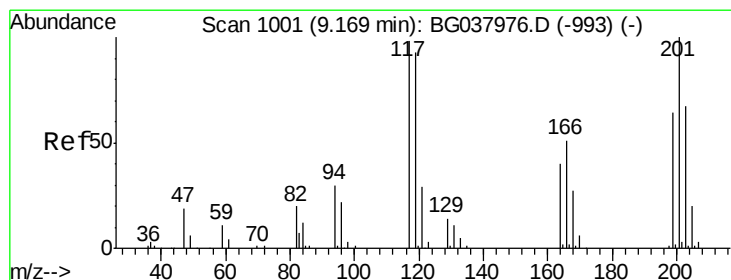
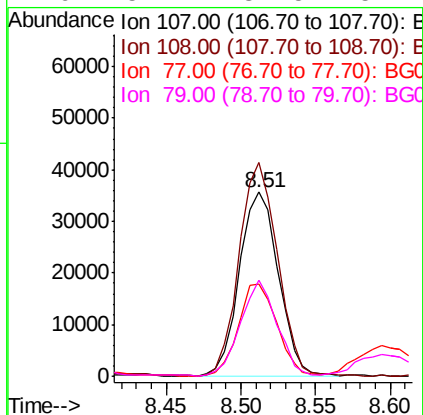
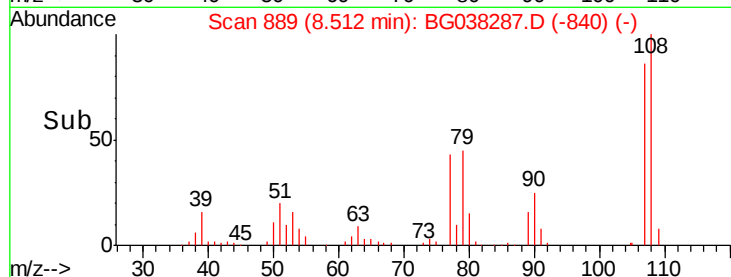
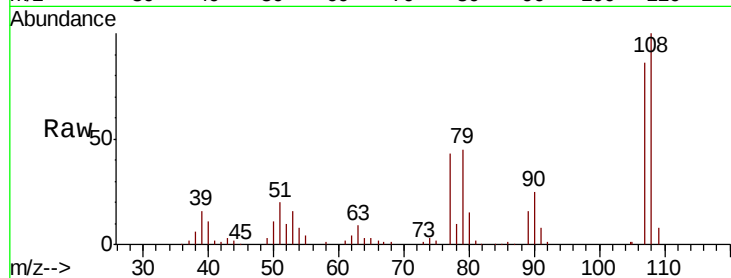




#17
2-Methylphenol
Concen: 41.070 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

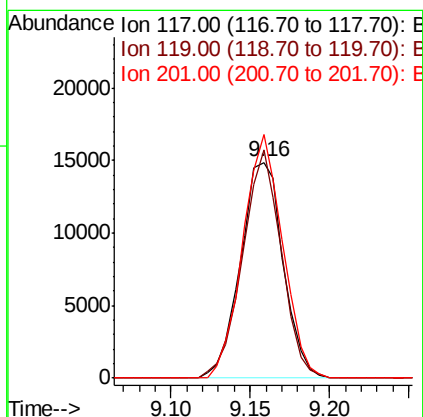
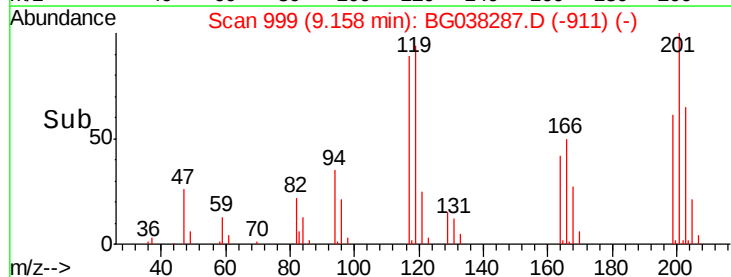
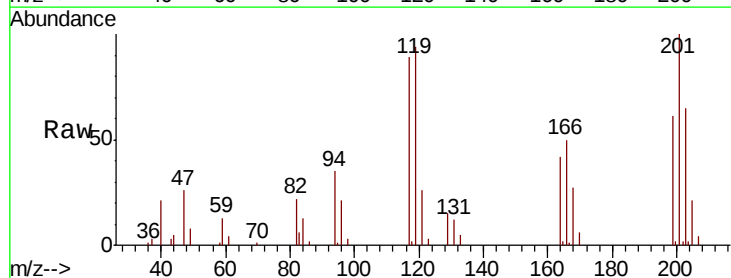
Instrument :
BNA_G
ClientSampleId :
PB115178BS

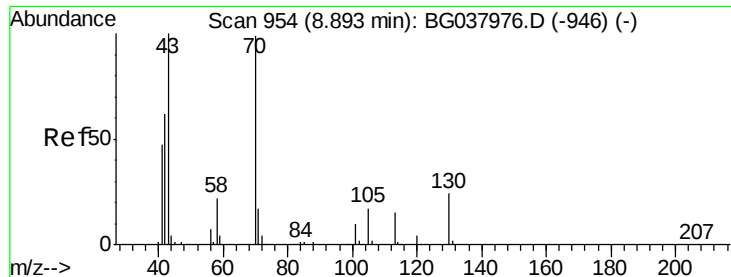
Tot Ion:107 Resp: 64988
Ion Ratio Lower Upper
107 100
108 116.1 87.9 131.9
77 50.4 35.1 52.7
79 52.1 34.5 51.7#



#18
Hexachloroethane
Concen: 36.381 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:117 Resp: 27676
Ion Ratio Lower Upper
117 100
119 106.0 74.6 111.8
201 112.8 80.8 121.2

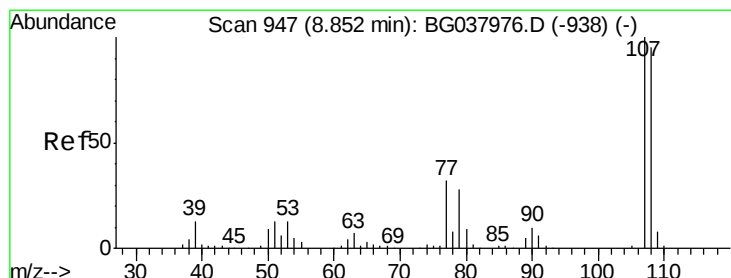
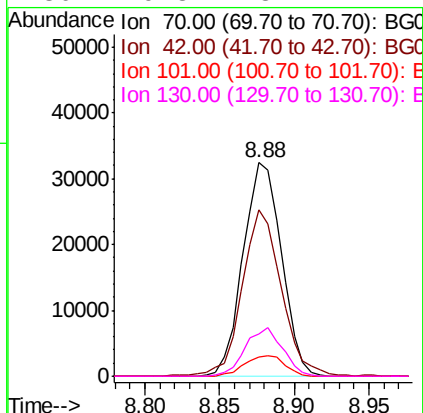
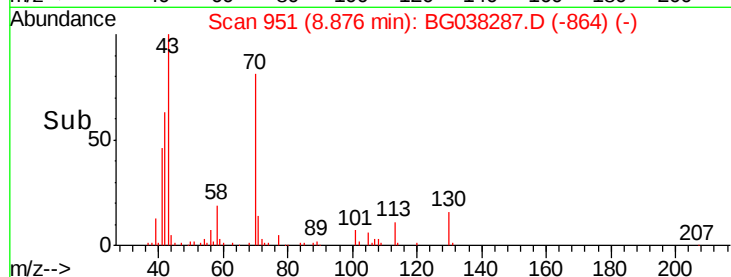
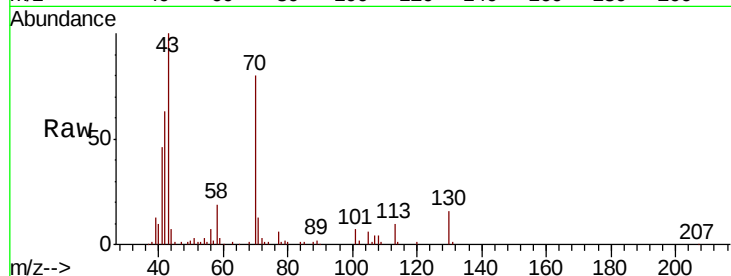




#19
n-Nitroso-di-n-propylamine
Concen: 36.103 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

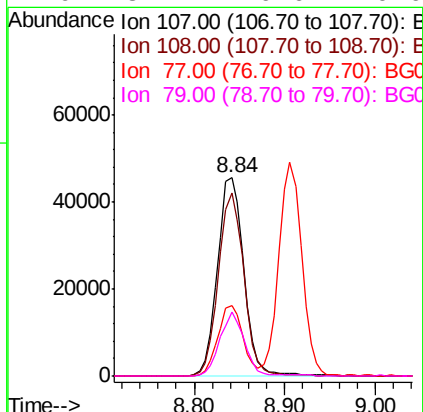
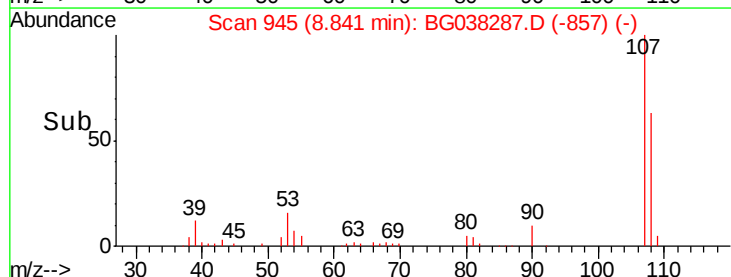
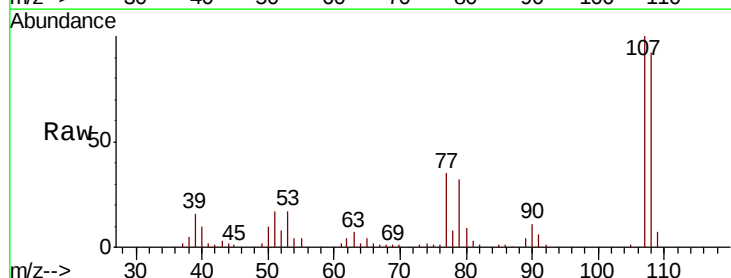
Instrument :
BNA_G
ClientSampleId :
PB115178BS

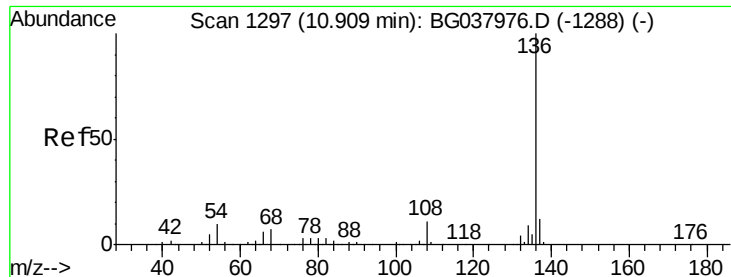
Tot Ion:	70	Resp:	57724
Ion	Ratio	Lower	Upper
70	100		
42	78.2	53.9	80.9
101	9.2	8.2	12.2
130	19.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.993 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:	107	Resp:	91954
Ion	Ratio	Lower	Upper
107	100		
108	92.0	69.9	109.9
77	35.3	11.2	51.2
79	32.1	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion:136 Resp: 113696

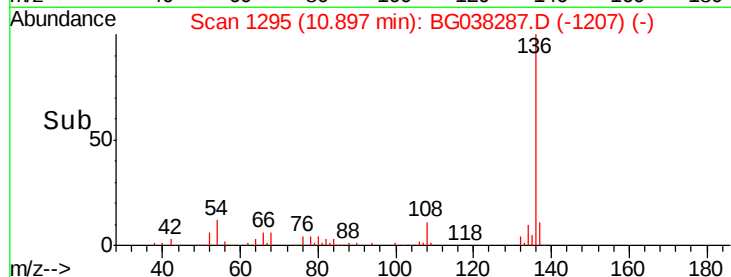
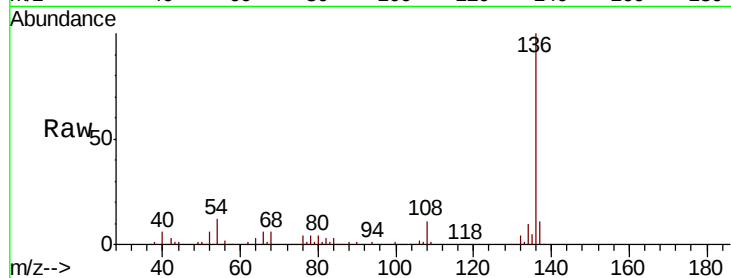
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 12.3 7.9 11.9#

68 5.9 4.8 7.2

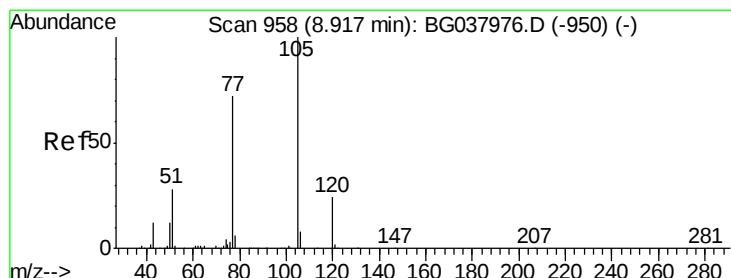
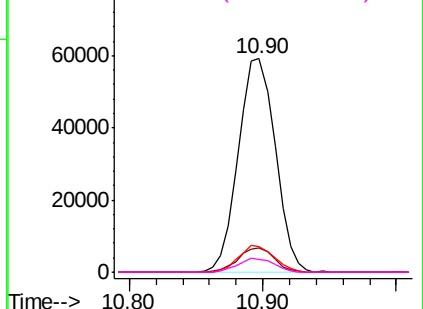


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.307 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:105 Resp: 108363

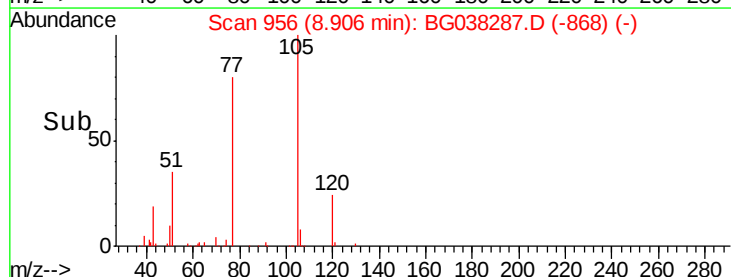
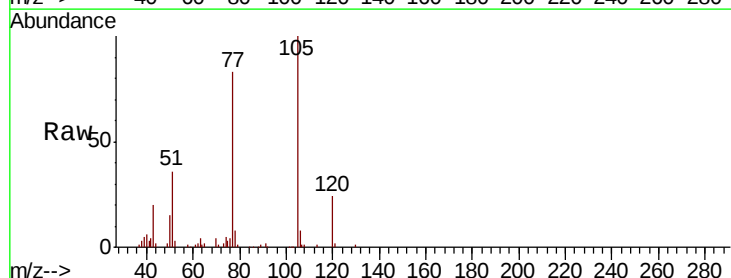
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 36.3 25.0 37.6

120 24.0 18.6 28.0

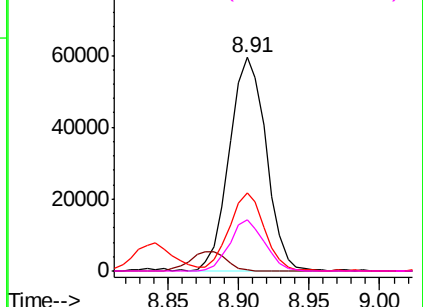


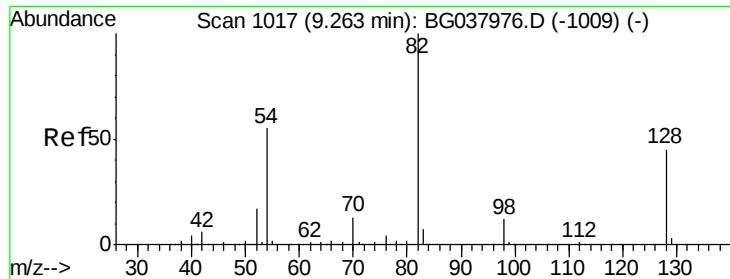
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

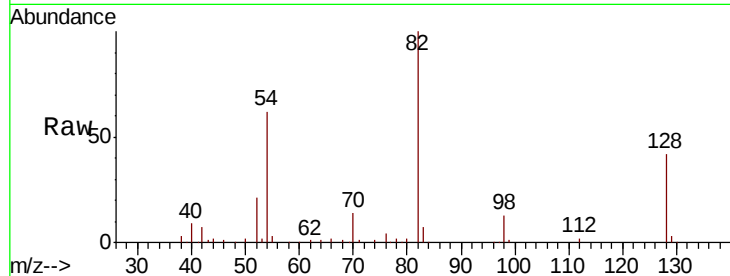




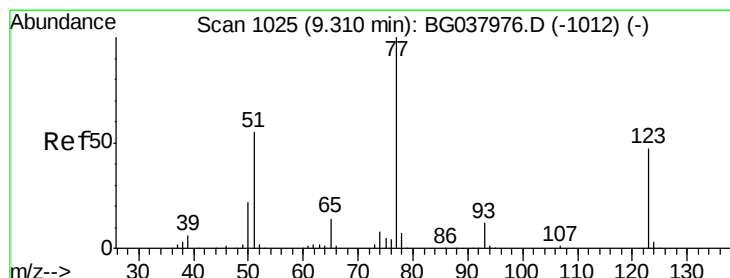
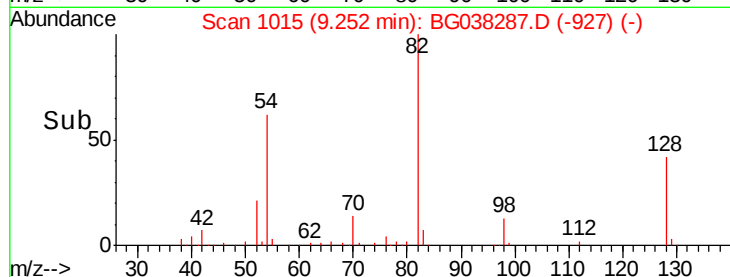
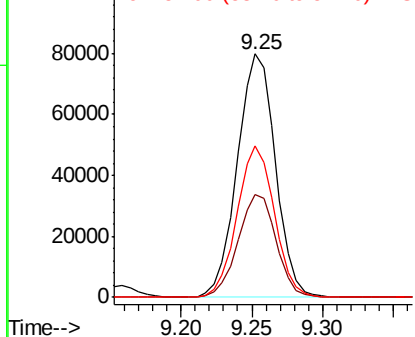
#23
Nitrobenzene-d5
Concen: 70.906 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion: 82 Resp: 150601
Ion Ratio Lower Upper
82 100
128 42.0 34.6 51.8
54 62.0 45.3 67.9

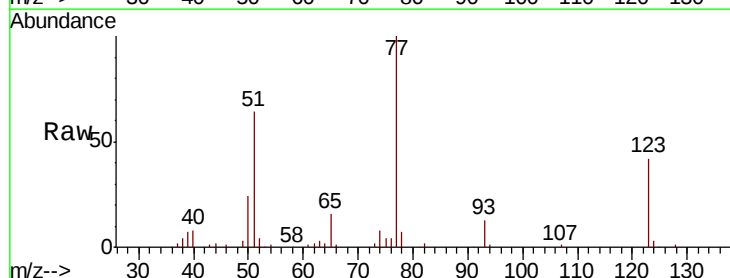


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

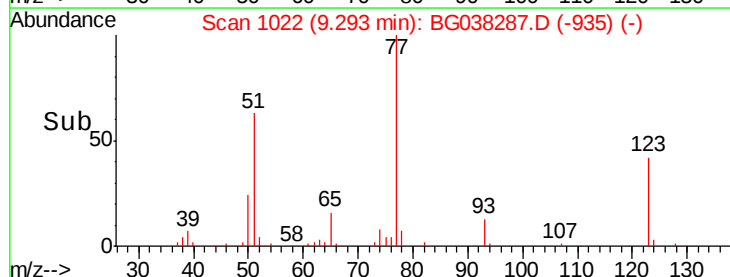
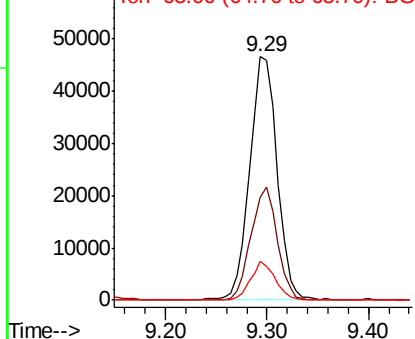


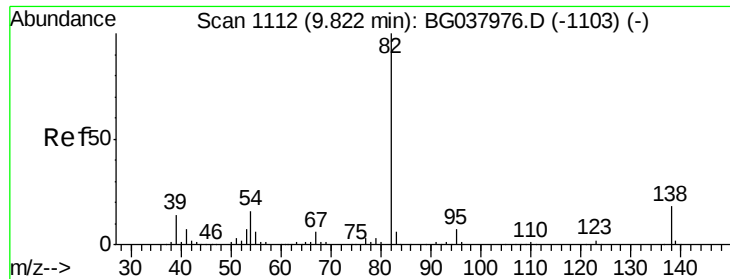
#24
Nitrobenzene
Concen: 40.266 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion: 77 Resp: 87488
Ion Ratio Lower Upper
77 100
123 42.5 33.6 50.4
65 15.7 11.3 16.9



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





#25

Isophorone

Concen: 44.049 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

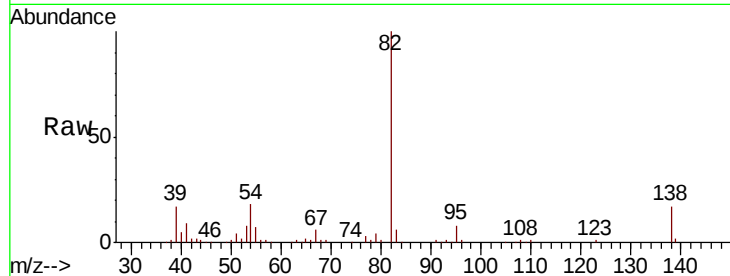
Tot Ion: 82 Resp: 168395

Ion Ratio Lower Upper

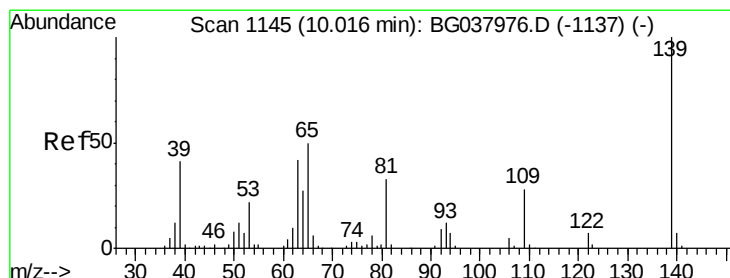
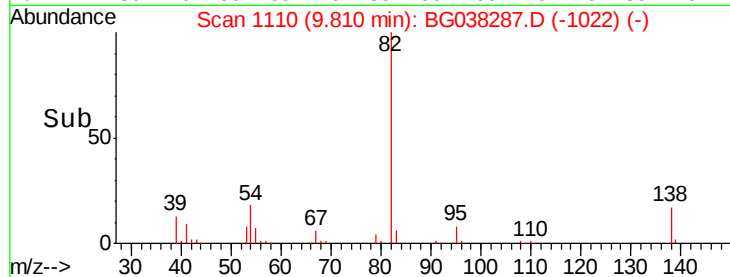
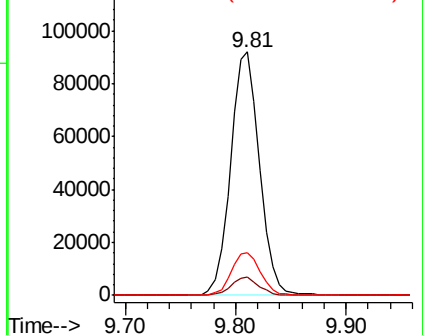
82 100

95 7.7 5.3 7.9

138 17.3 13.3 19.9



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: 39.047 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

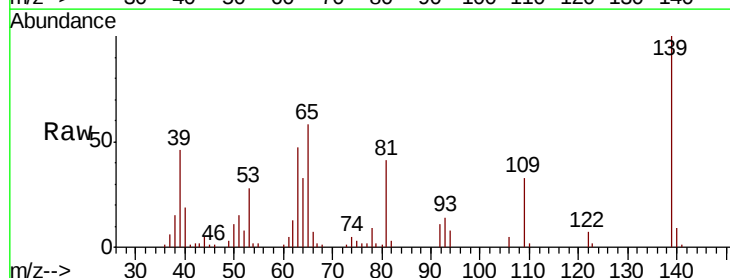
Tgt Ion: 139 Resp: 42353

Ion Ratio Lower Upper

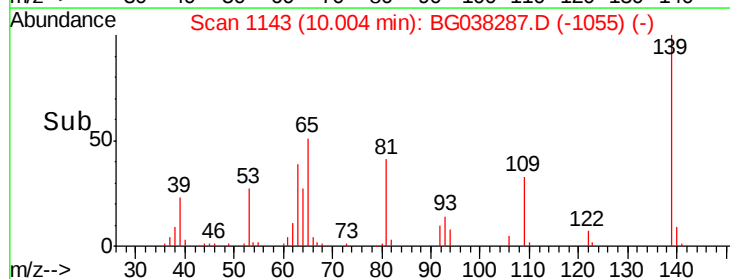
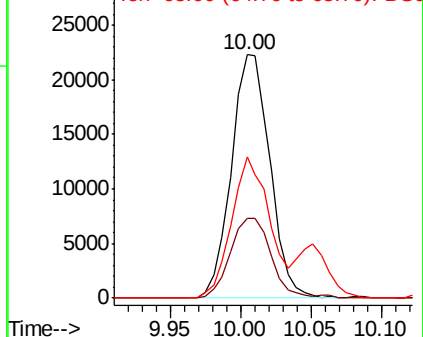
139 100

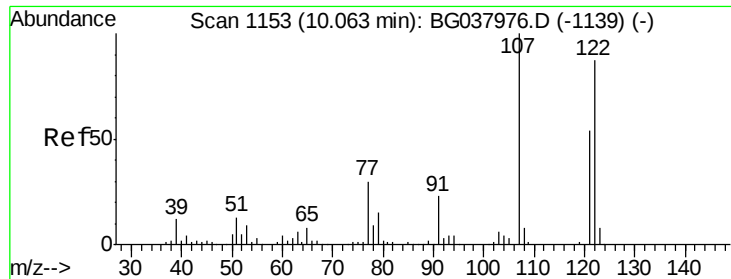
109 32.7 23.3 34.9

65 58.2 39.8 59.8



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

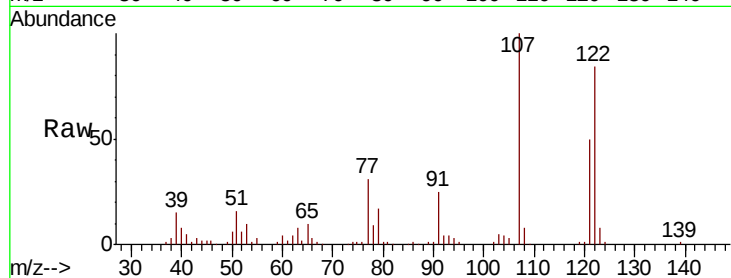




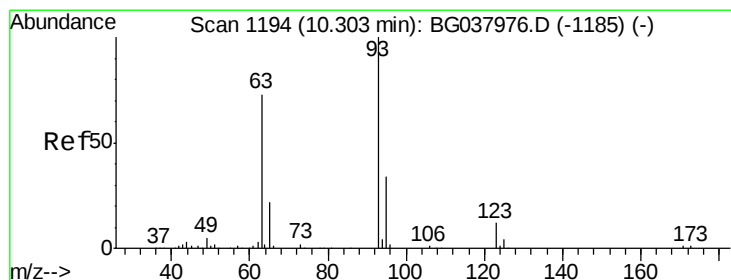
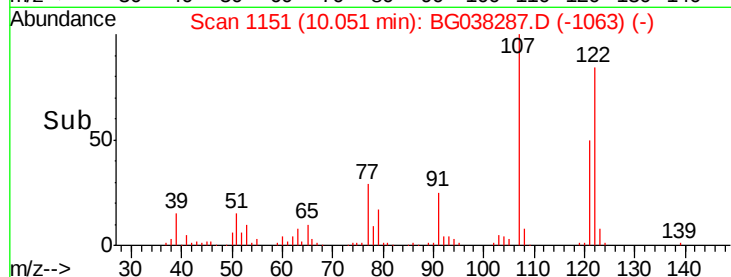
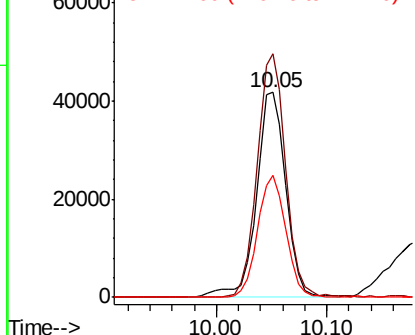
#27
2,4-Dimethylphenol
Concen: 47.714 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:122 Resp: 77978
Ion Ratio Lower Upper
122 100
107 118.9 94.2 141.2
121 59.8 47.3 70.9

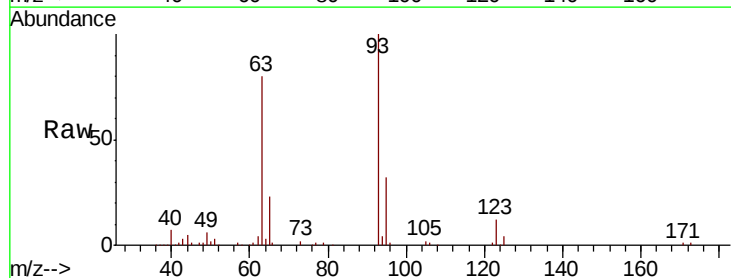


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

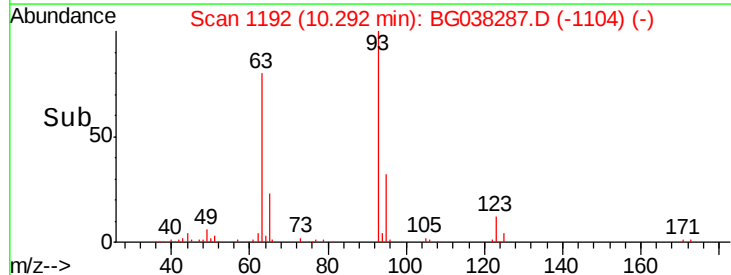
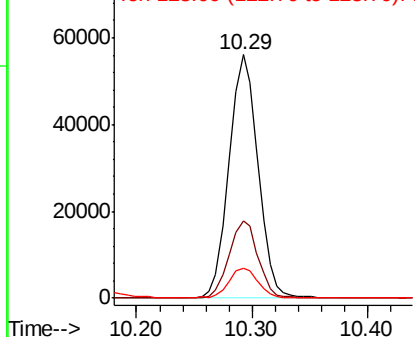


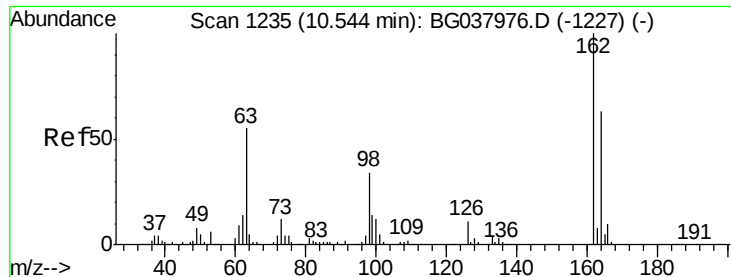
#28
bis(2-Chloroethoxy)methane
Concen: 39.918 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion: 93 Resp: 97581
Ion Ratio Lower Upper
93 100
95 32.0 24.6 37.0
123 12.3 9.1 13.7



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

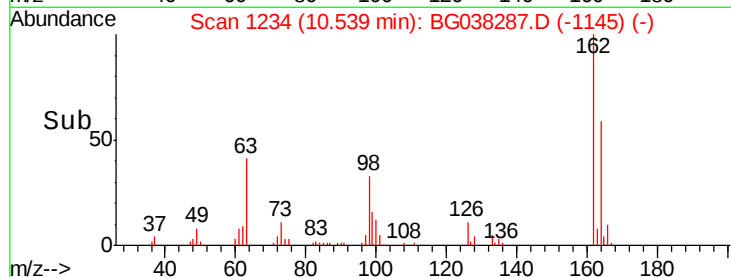
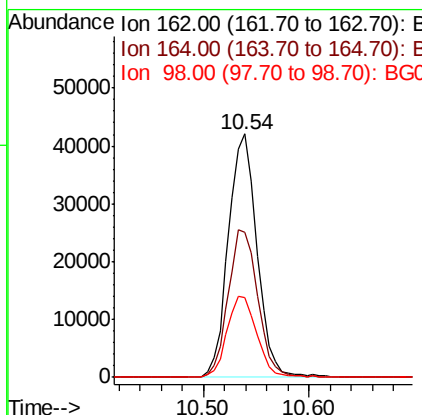
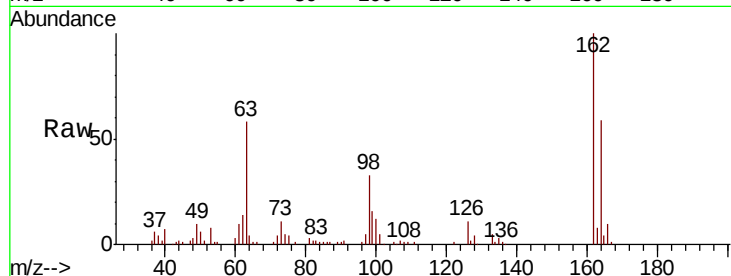




#29
 2,4-Dichlorophenol
 Concen: 42.931 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

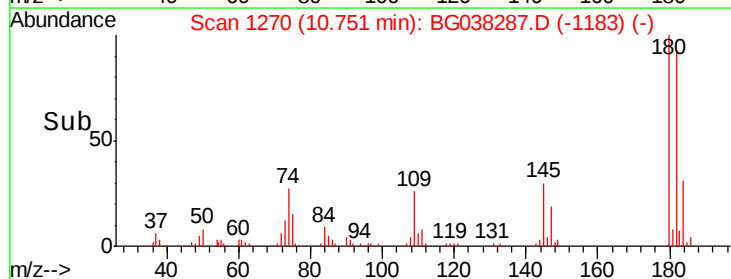
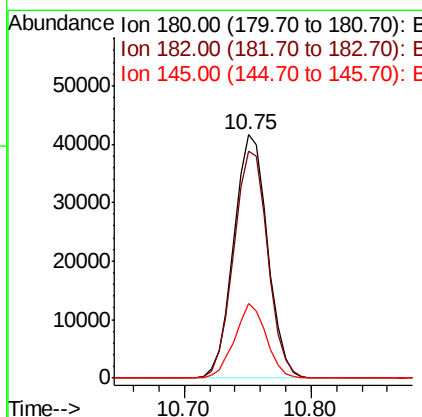
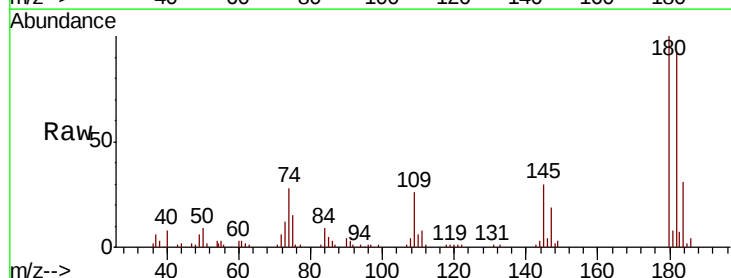
Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

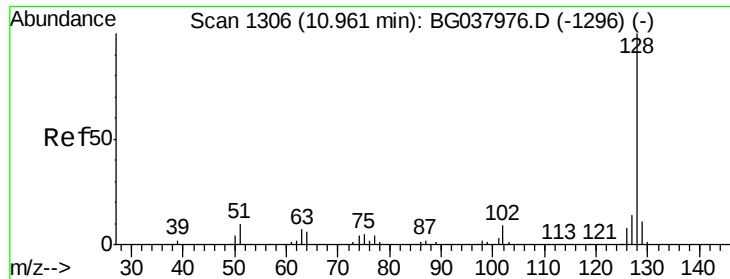
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	43.2	83.2
98	33.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.241 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.7	116.5
145	30.5	23.3	34.9

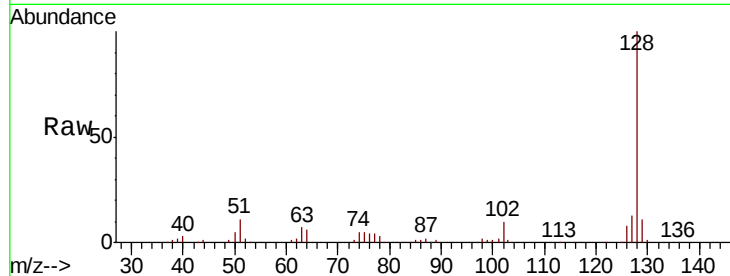




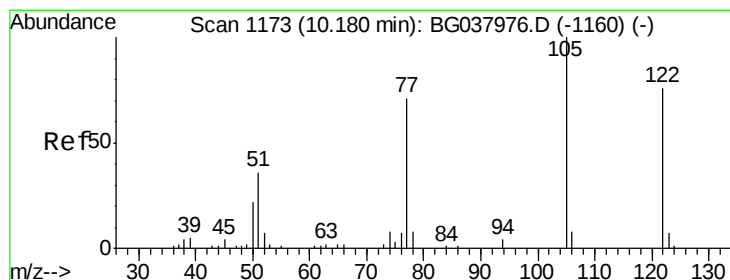
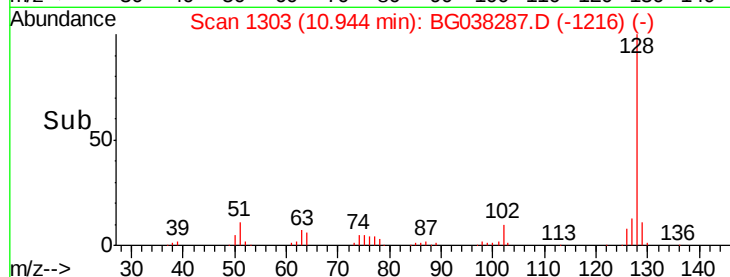
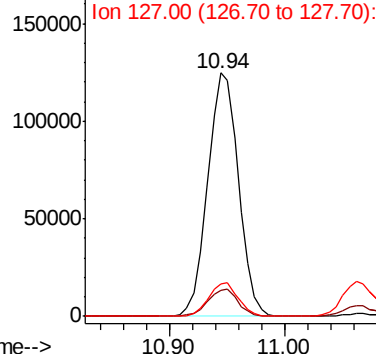
#31
Naphthalene
Concen: 41.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:128 Resp: 229279
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 11.1 16.7

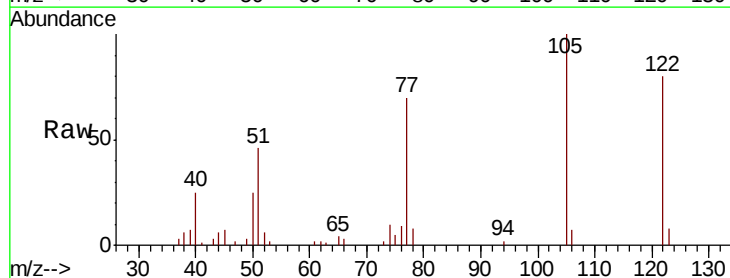


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

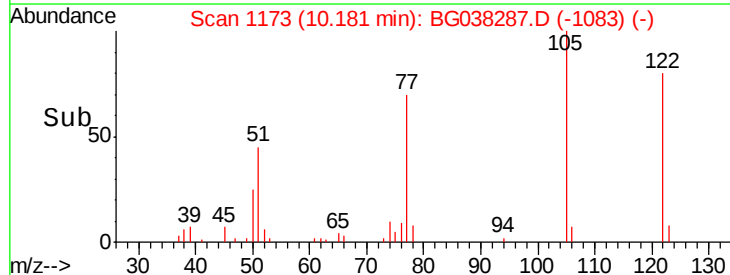
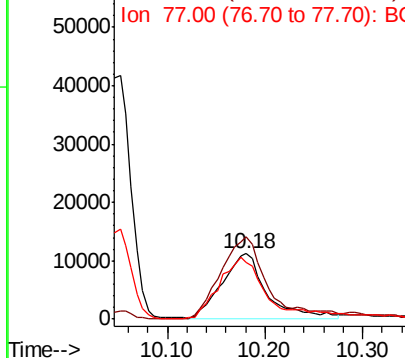


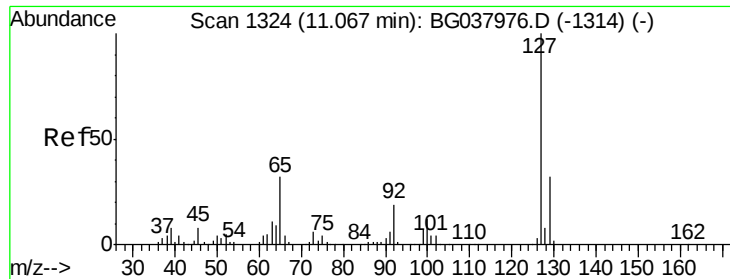
#32
Benzoic acid
Concen: 36.784 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:122 Resp: 34627
Ion Ratio Lower Upper
122 100
105 125.2 106.7 146.7
77 87.2 72.2 112.2



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

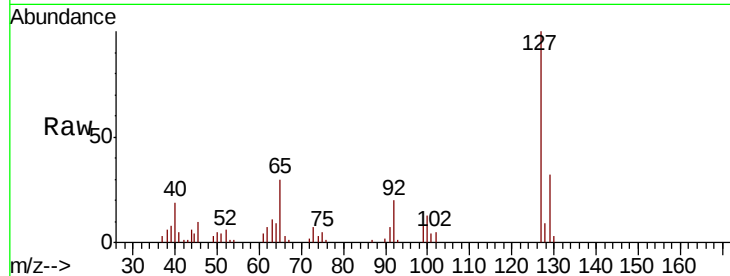




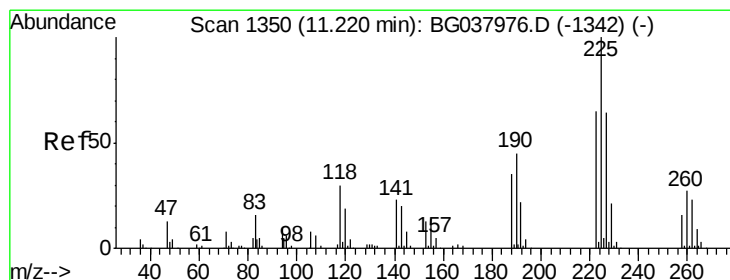
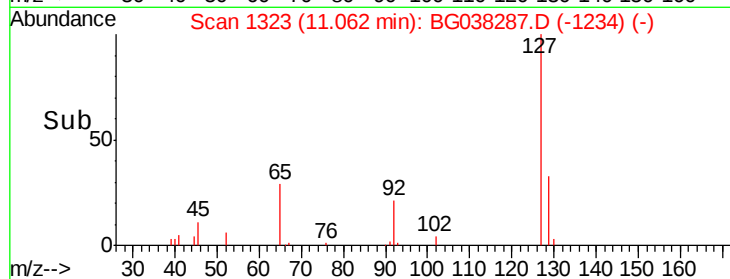
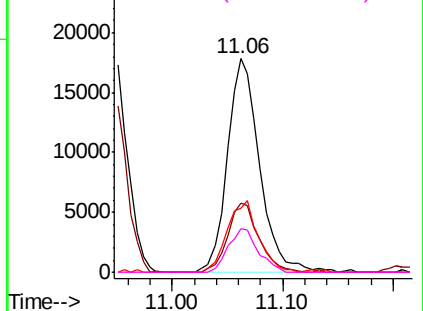
#33
4-Chloroaniline
Concen: 13.955 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:127	Resp:	36301
Ion	Ratio	Lower Upper
127	100	
129	32.3	27.1 40.7
65	29.8	26.6 39.8
92	20.5	16.4 24.6

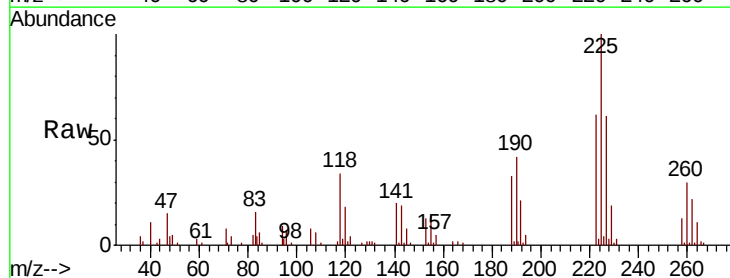


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

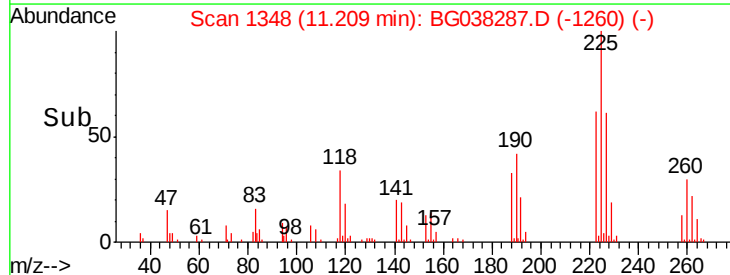
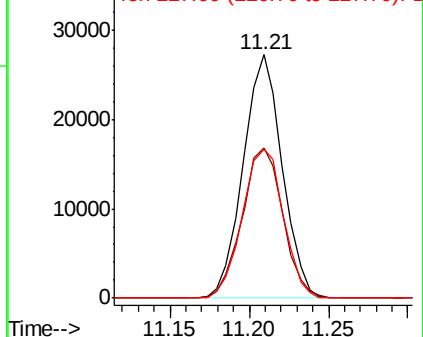


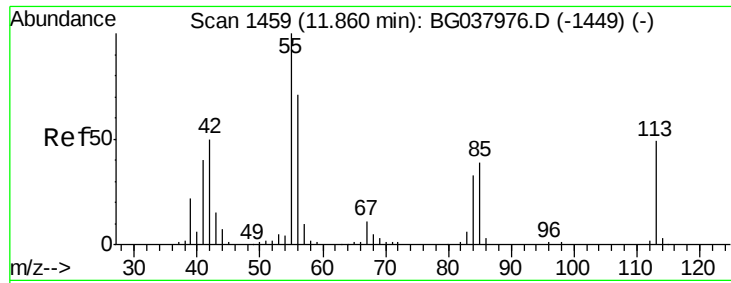
#34
Hexachlorobutadiene
Concen: 36.756 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:225	Resp:	46598
Ion	Ratio	Lower Upper
225	100	
223	62.2	48.2 72.4
227	61.9	51.6 77.4



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





#35

Caprolactam

Concen: 21.815 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

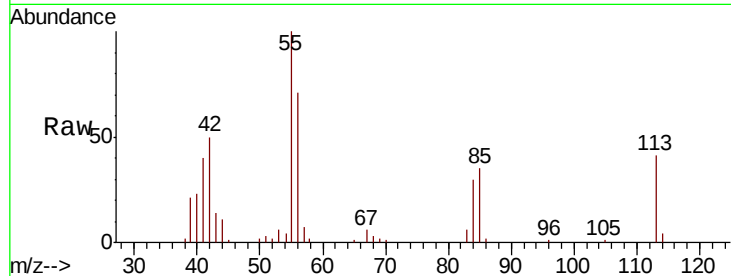
Tot Ion:113 Resp: 16051

Ion Ratio Lower Upper

113 100

55 242.2 176.6 216.6#

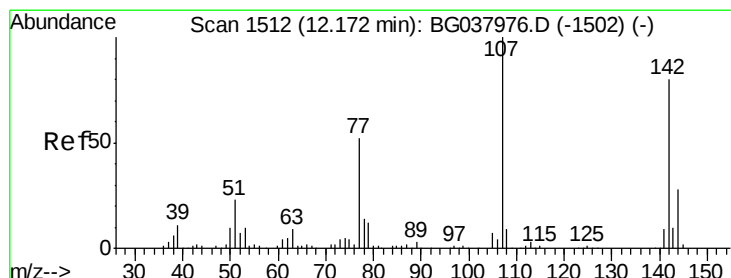
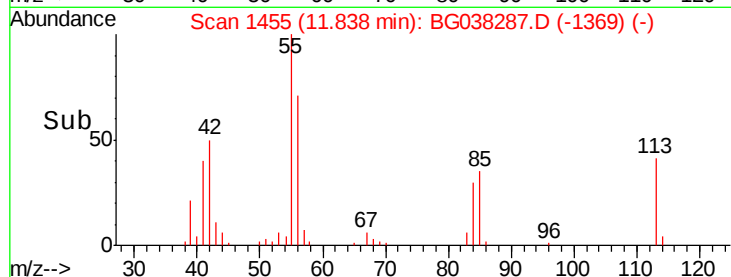
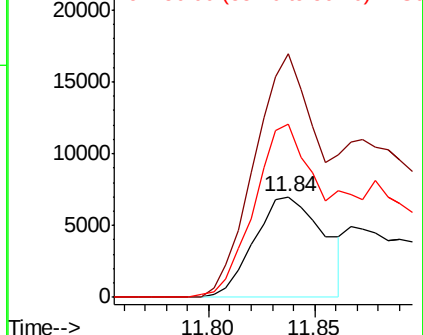
56 172.0 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.372 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

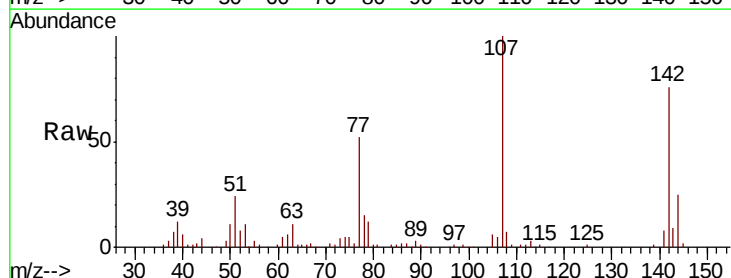
Tgt Ion:107 Resp: 89112

Ion Ratio Lower Upper

107 100

144 24.8 20.7 31.1

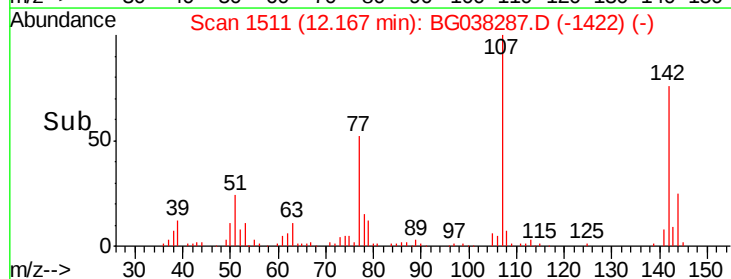
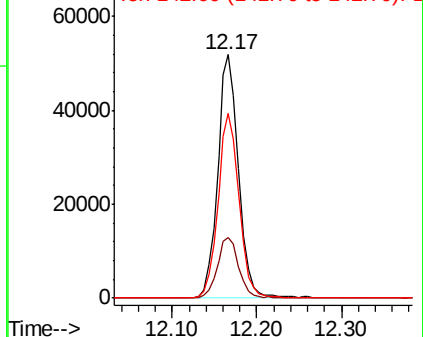
142 75.8 64.4 96.6

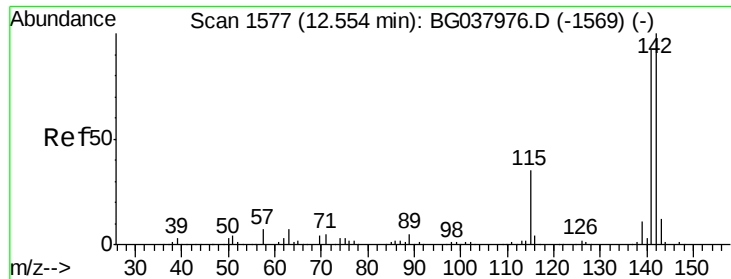


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

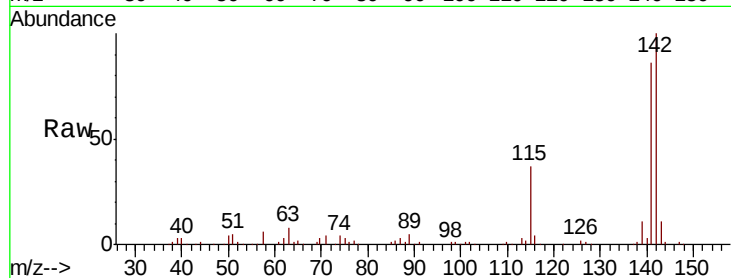




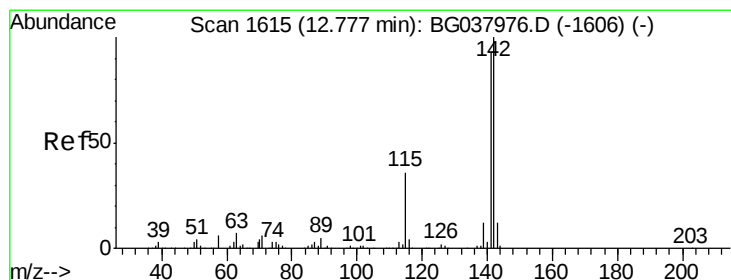
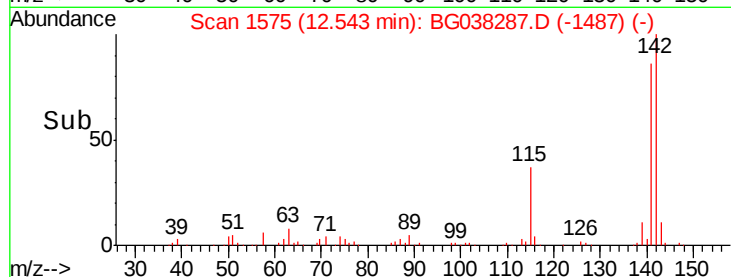
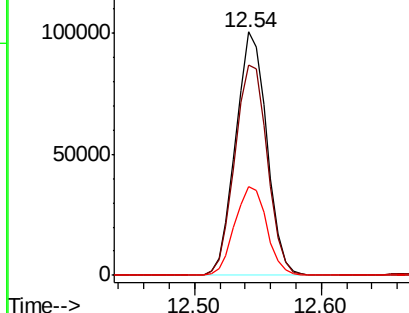
#37
 2-Methylnaphthalene
 Concen: 42.700 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:142 Resp: 171518
 Ion Ratio Lower Upper
 142 100
 141 86.2 71.9 107.9
 115 36.6 27.8 41.8

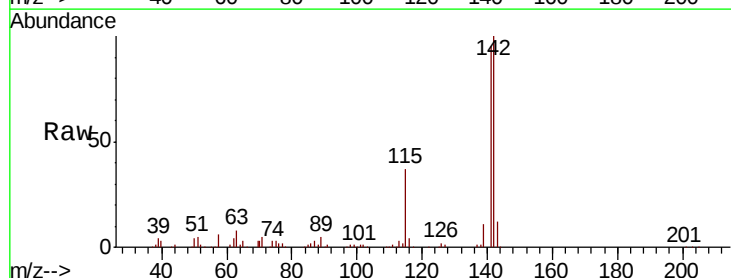


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

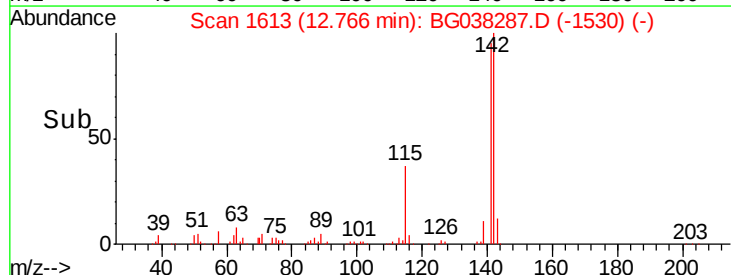
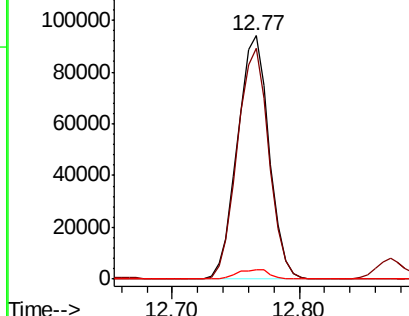


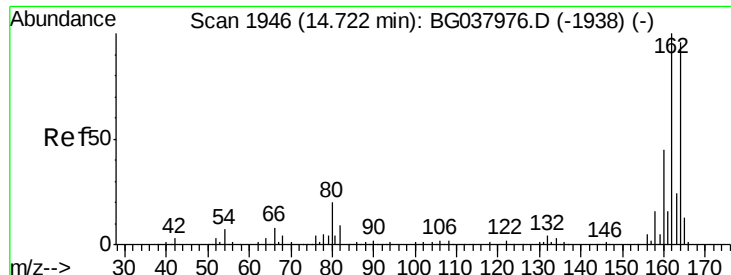
#38
 1-Methylnaphthalene
 Concen: 42.014 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion:142 Resp: 162447
 Ion Ratio Lower Upper
 142 100
 141 94.8 75.2 112.8
 116 3.9 3.3 4.9



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: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

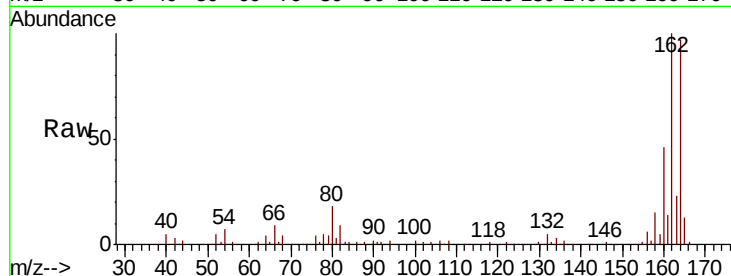
Tot Ion:164 Resp: 73408

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

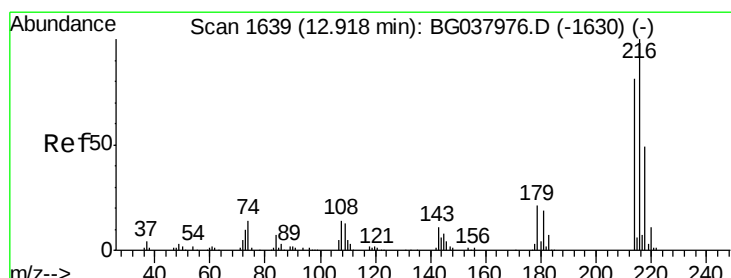
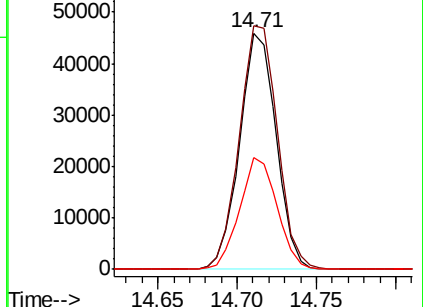
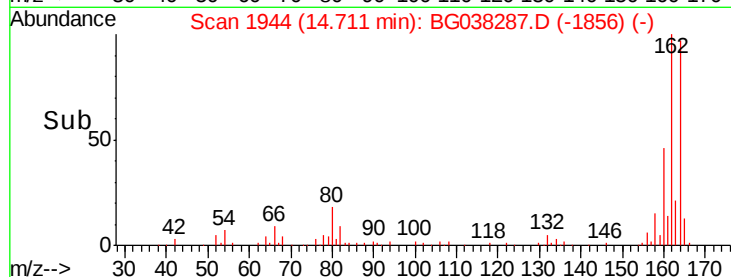
160 47.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.591 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Tgt Ion:216 Resp: 89756

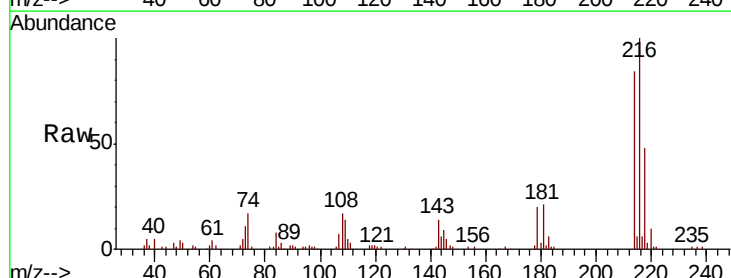
Ion Ratio Lower Upper

216 100

214 81.7 63.8 95.6

179 21.2 17.4 26.0

108 20.0 13.9 20.9

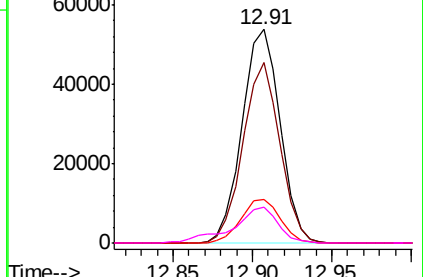
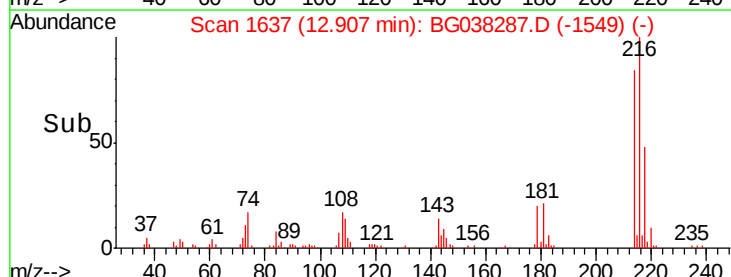


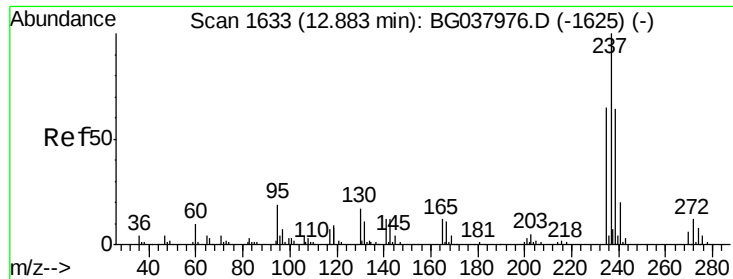
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.639 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

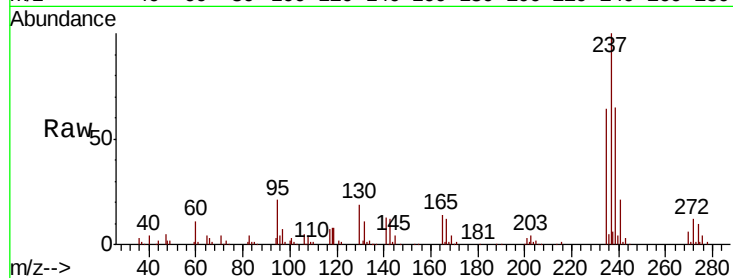
Tot Ion:237 Resp: 105920

Ion Ratio Lower Upper

237 100

235 64.4 42.5 82.5

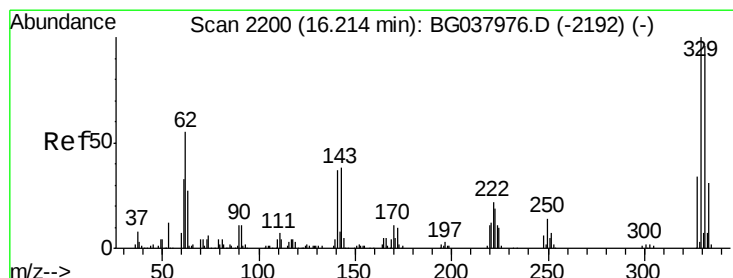
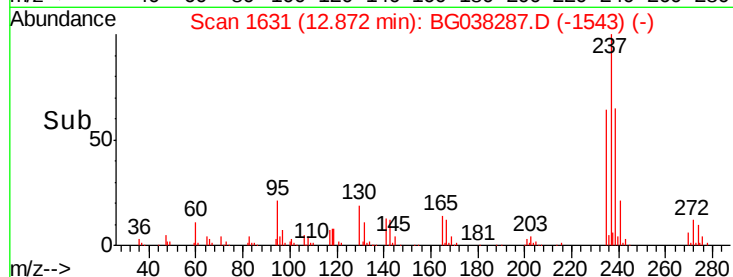
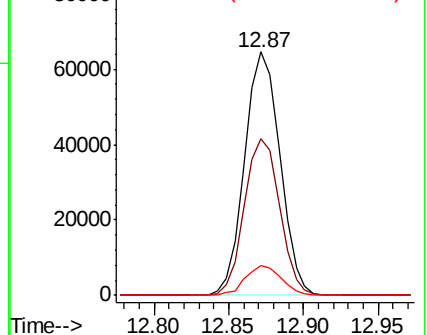
272 12.1 0.0 31.6



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: 119.944 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

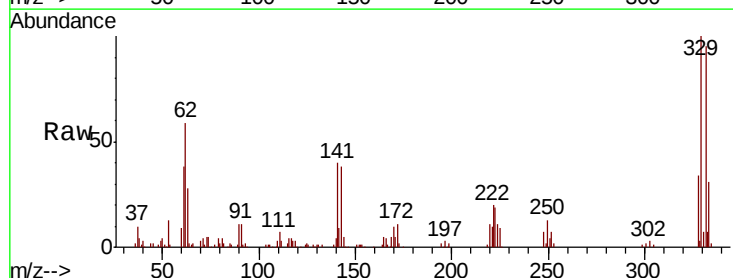
Tgt Ion:330 Resp: 100417

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

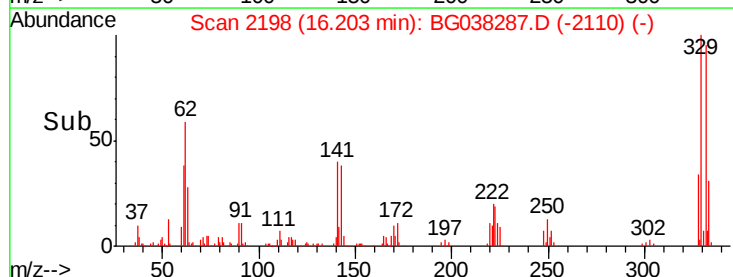
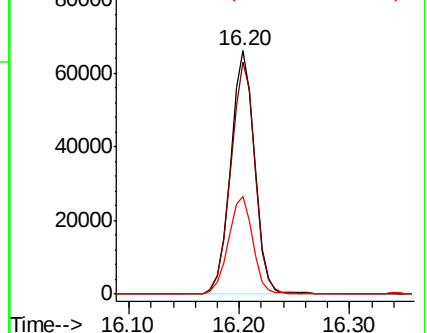
141 40.6 32.2 48.2

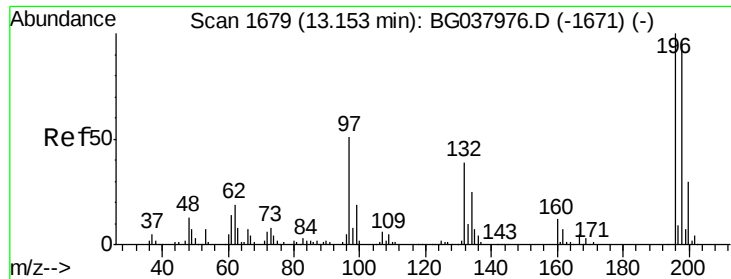


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

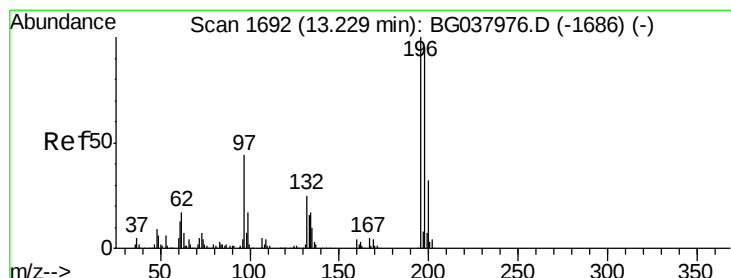
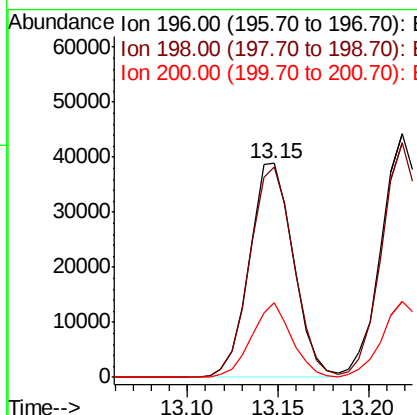
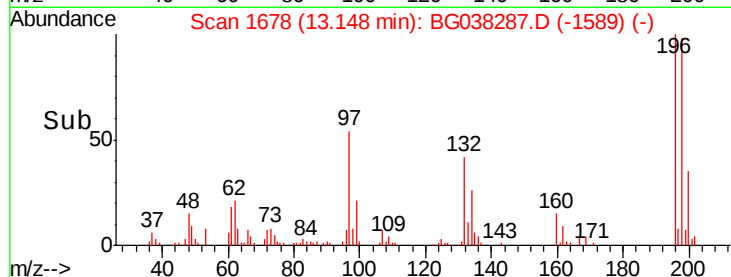
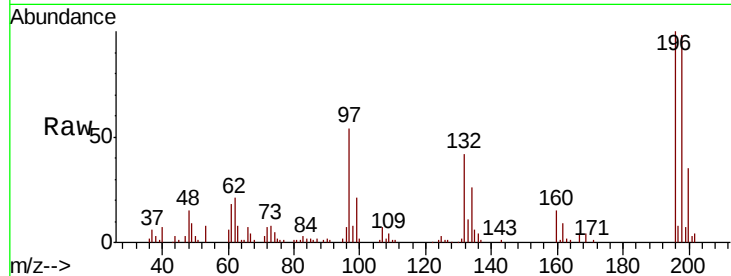




#43
 2,4,6-Trichlorophenol
 Concen: 39.354 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

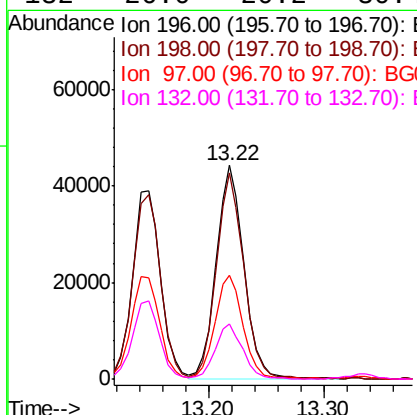
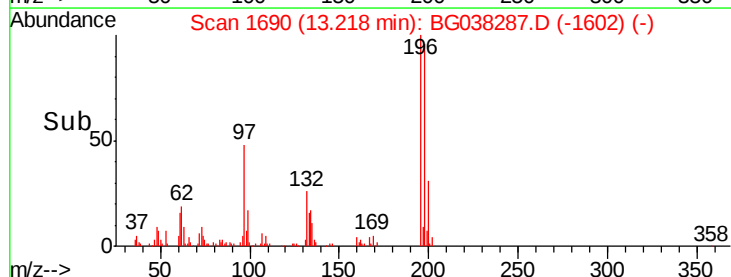
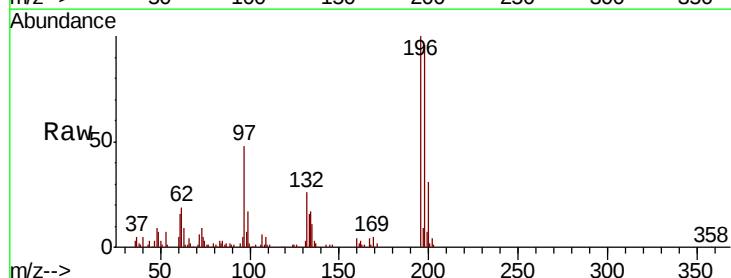
Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

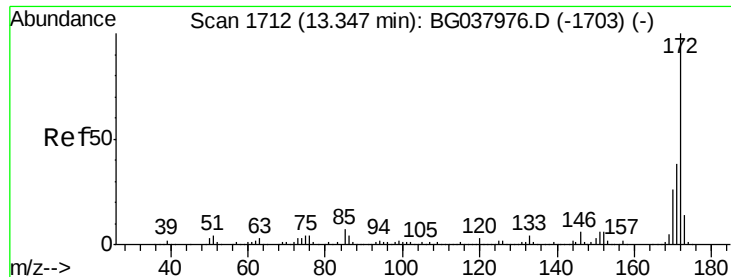
Tot Ion:196 Resp: 65782
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.4 114.6
 200 35.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.920 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion:196 Resp: 73727
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.2
 97 48.3 34.1 51.1
 132 26.0 20.2 30.4

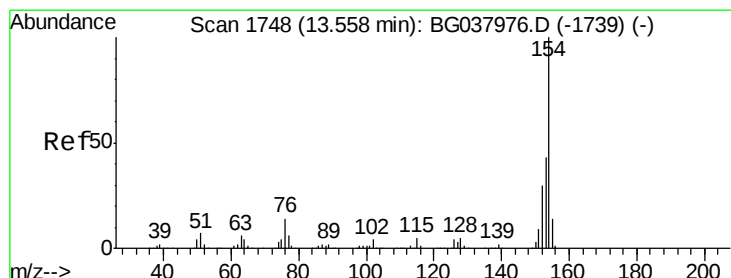
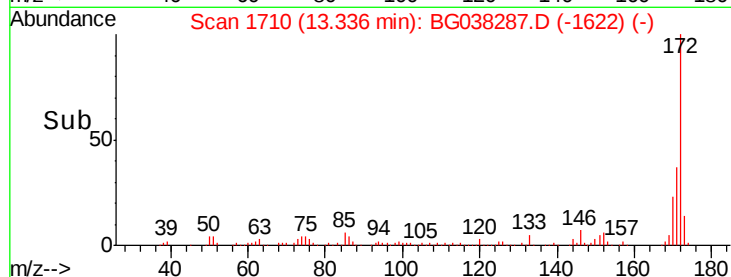
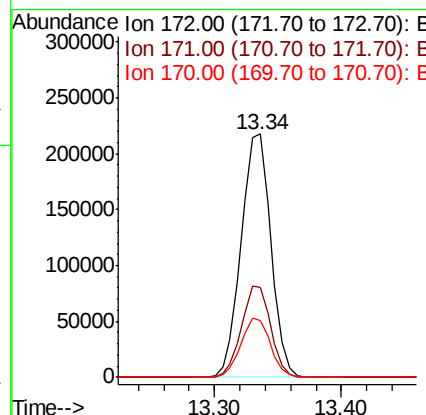
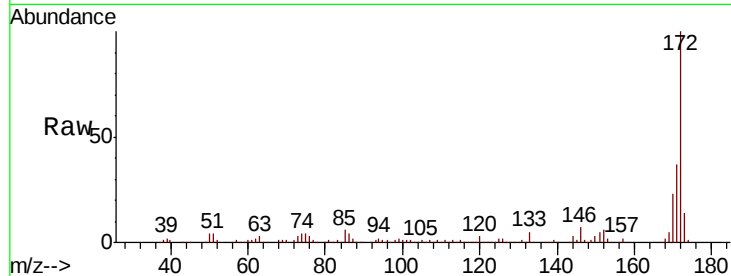




#45
2-Fluorobiphenyl
Concen: 69.948 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

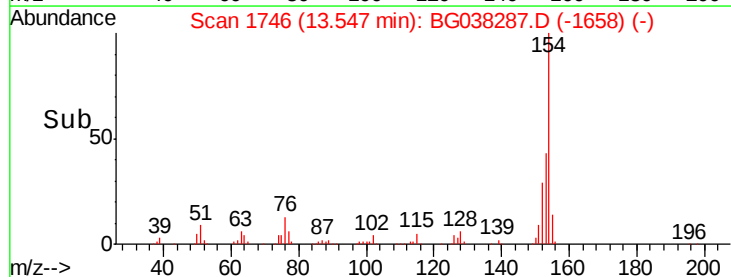
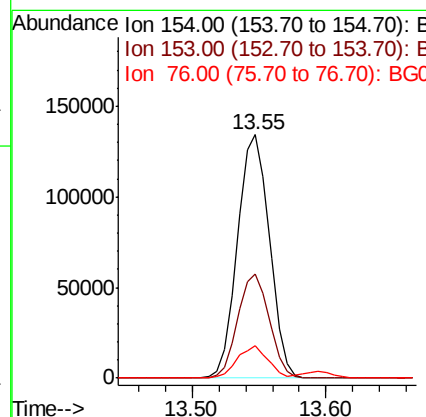
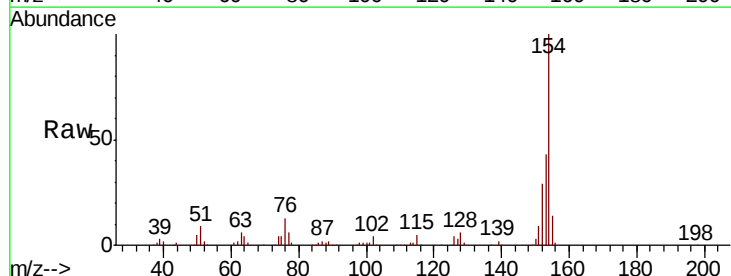
Instrument :
BNA_G
ClientSampleId :
PB115178BS

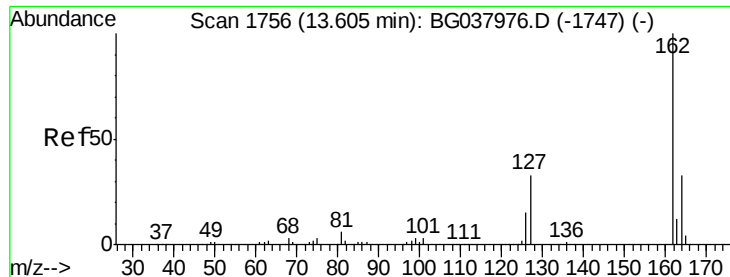
Tot Ion:172 Resp: 352456
Ion Ratio Lower Upper
172 100
171 36.9 31.0 46.4
170 23.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 36.093 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:154 Resp: 222590
Ion Ratio Lower Upper
154 100
153 42.6 22.1 62.1
76 13.2 0.0 33.2

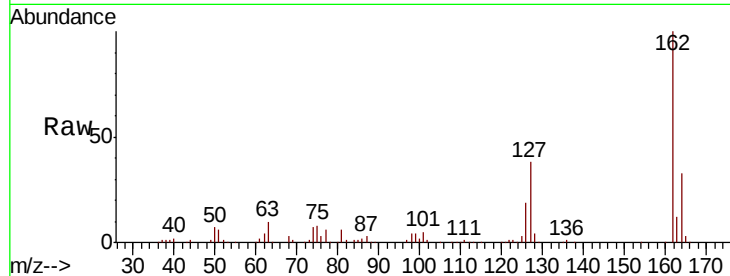




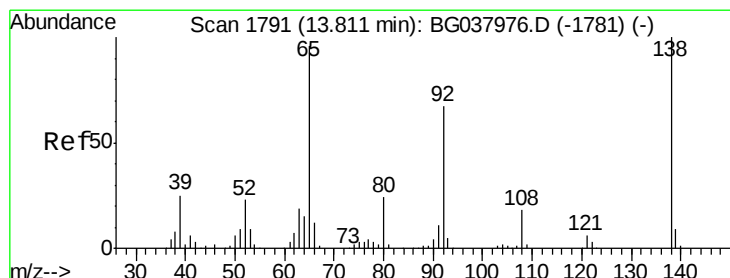
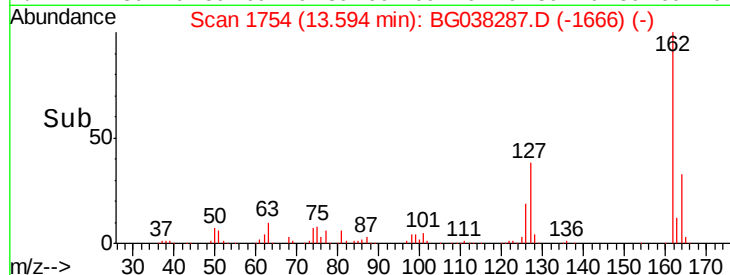
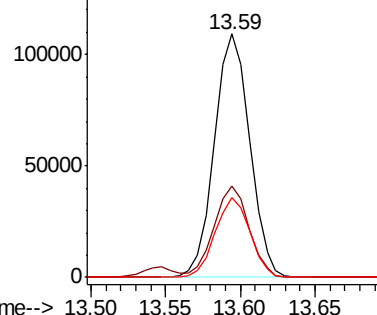
#47
 2-Chloronaphthalene
 Concen: 37.884 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:162 Resp: 178282
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.5 45.7
 164 32.9 26.4 39.6

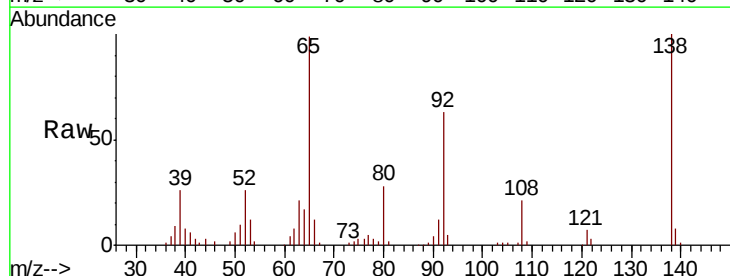


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

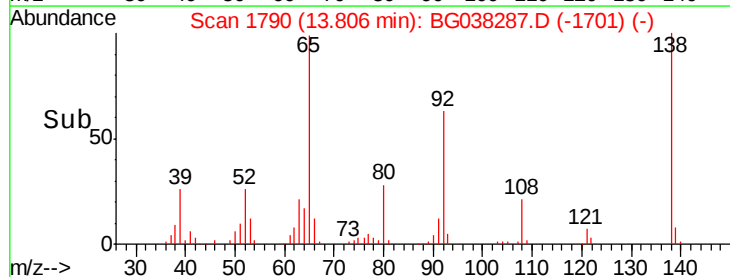
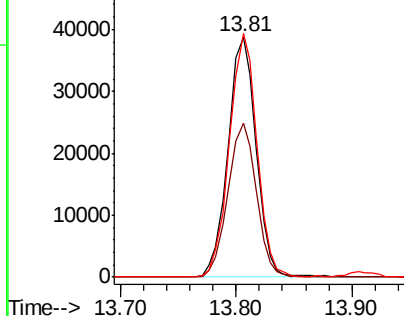


#48
 2-Nitroaniline
 Concen: 44.018 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion: 65 Resp: 65195
 Ion Ratio Lower Upper
 65 100
 92 64.1 53.2 79.8
 138 101.4 79.3 118.9



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





#49

Acenaphthylene

Concen: 42.084 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

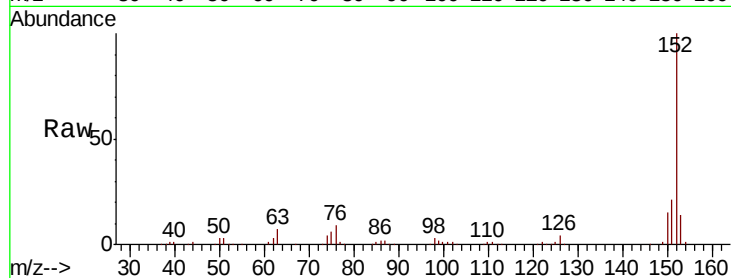
Tot Ion:152 Resp: 297822

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

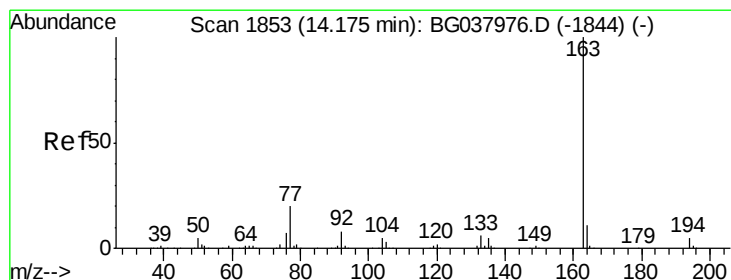
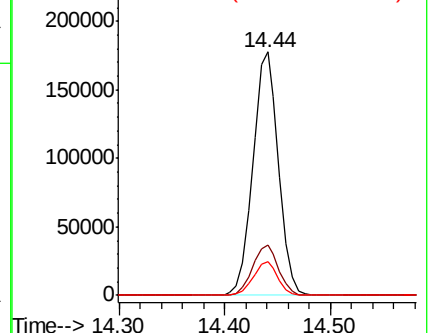
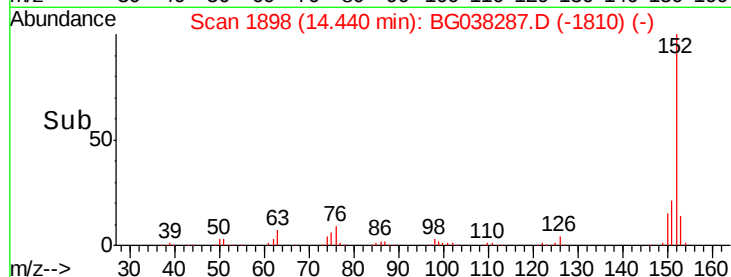
153 13.7 11.1 16.7



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: 42.339 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

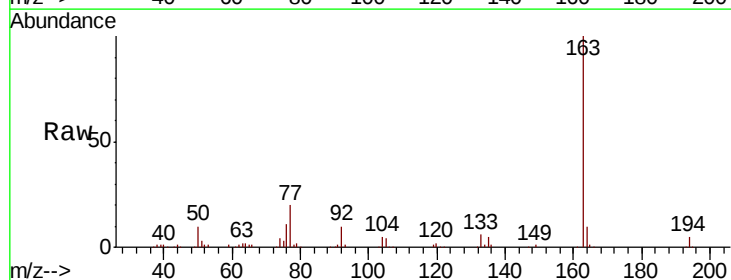
Tgt Ion:163 Resp: 246394

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

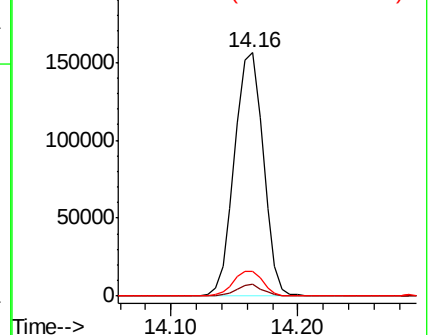
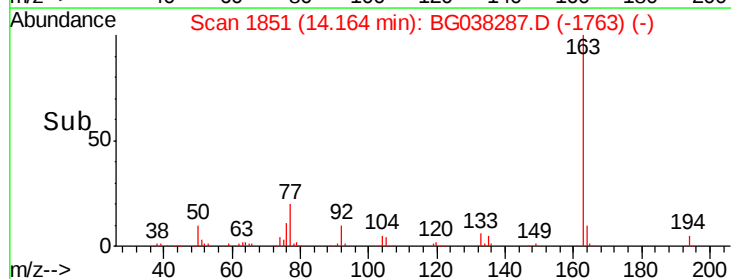
164 10.4 8.5 12.7

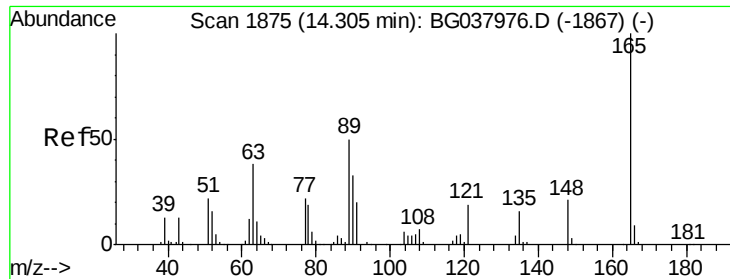


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

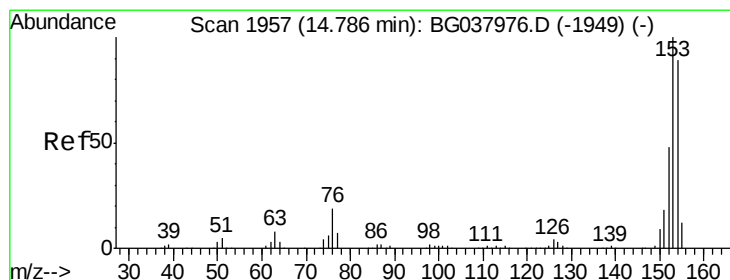
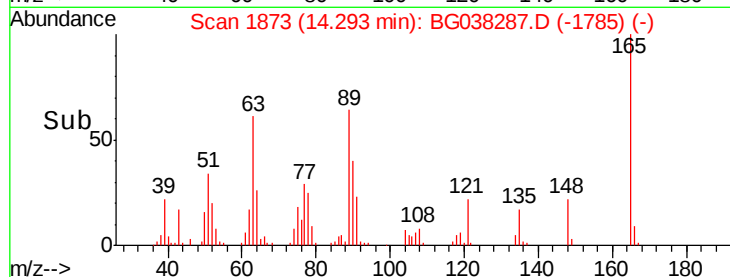
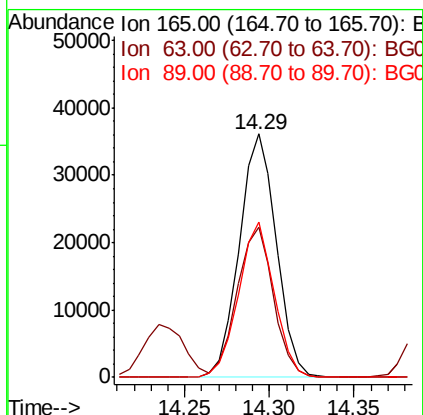
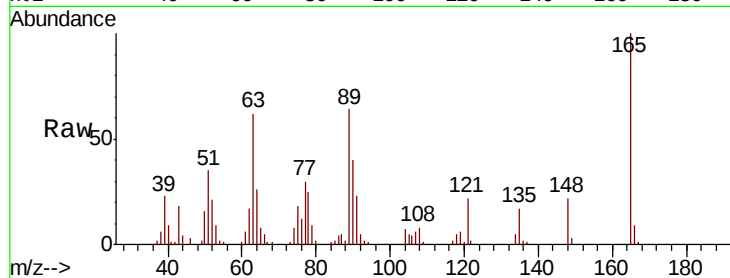




#51
2,6-Dinitrotoluene
Concen: 41.697 ng
RT: 14.29 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

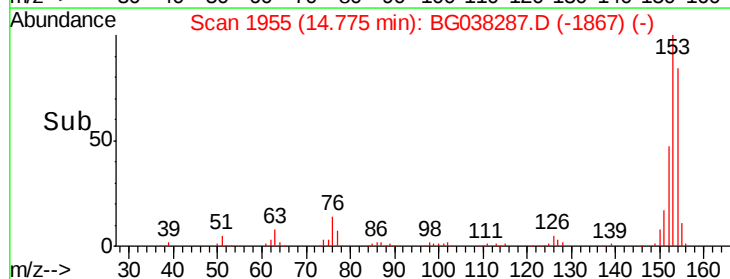
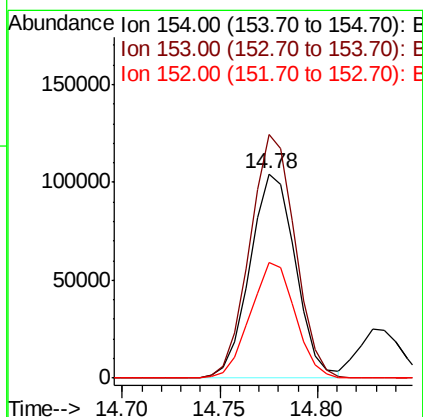
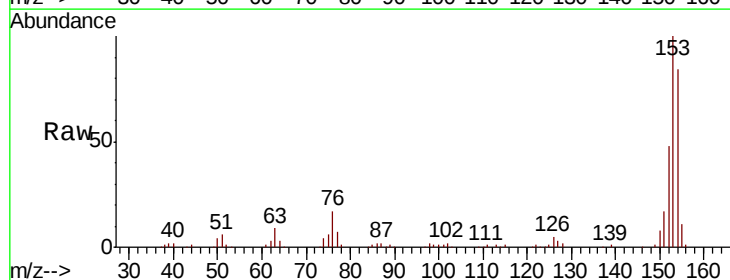
Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:165 Resp: 54921
Ion Ratio Lower Upper
165 100
63 61.8 43.4 65.2
89 63.5 45.8 68.6



#52
Acenaphthene
Concen: 39.667 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:154 Resp: 168996
Ion Ratio Lower Upper
154 100
153 119.3 93.4 140.0
152 56.8 44.7 67.1





#53

3-Nitroaniline

Concen: 17.478 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

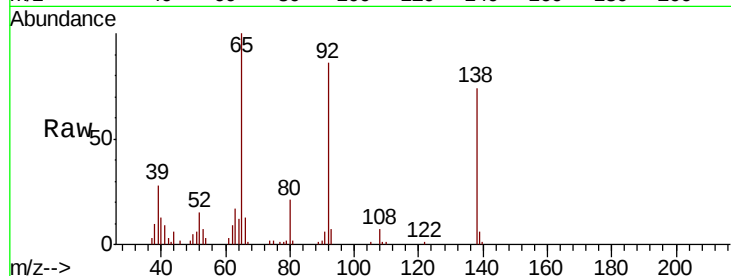
Tot Ion:138 Resp: 25402

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

92 115.0 95.2 142.8

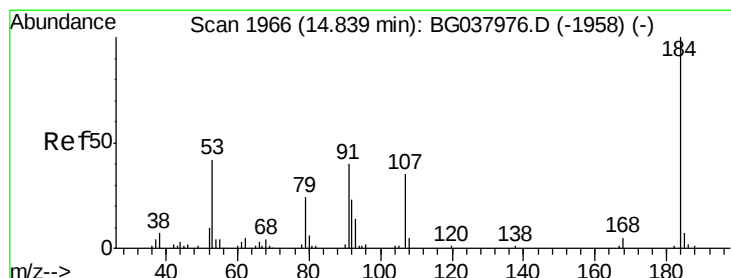
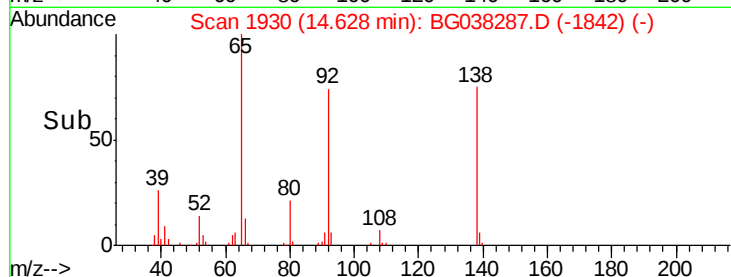
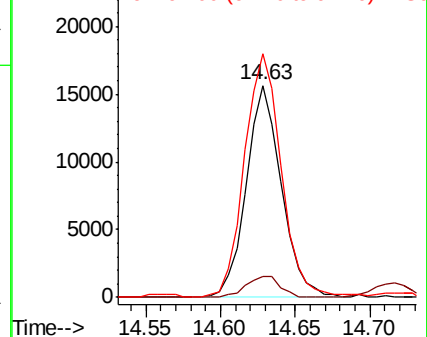


Abundance

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: 93.455 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

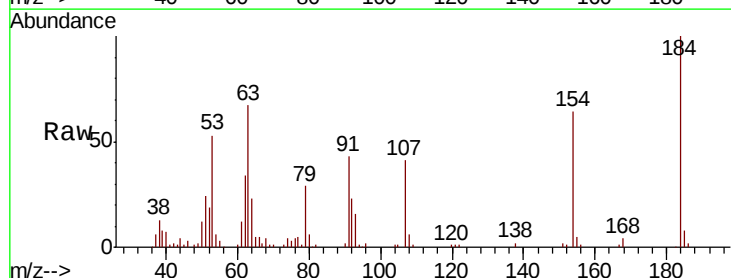
Tgt Ion:184 Resp: 67689

Ion Ratio Lower Upper

184 100

63 66.7 42.6 63.8#

154 63.8 41.8 62.6#

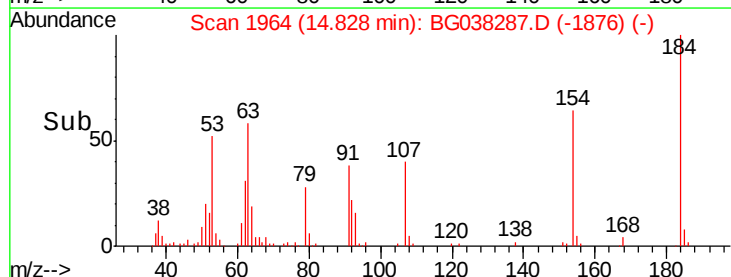
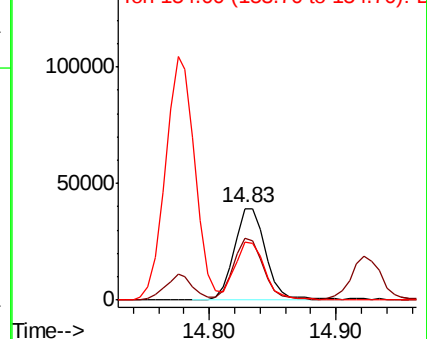


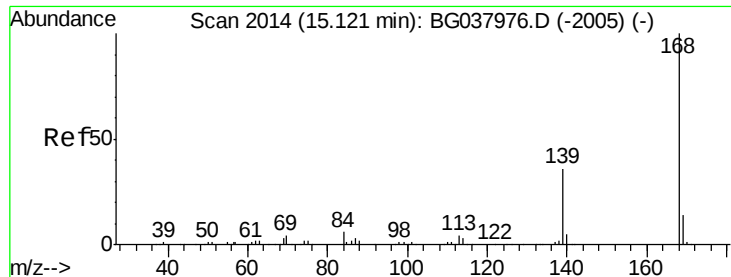
Abundance

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

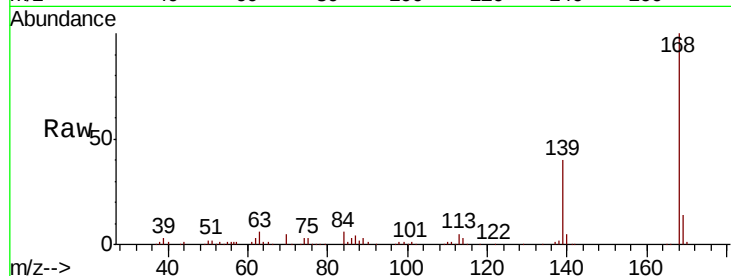




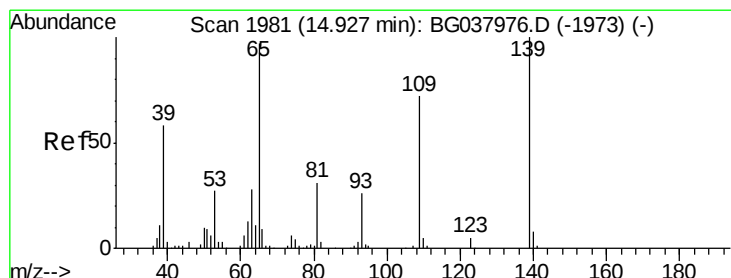
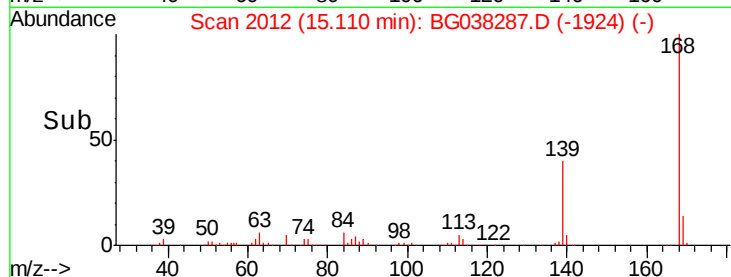
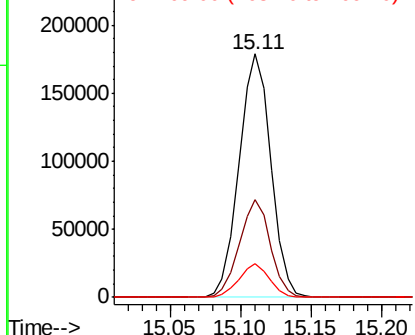
#55
Dibenzenofuran
Concen: 39.892 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:168 Resp: 281029
Ion Ratio Lower Upper
168 100
139 40.0 29.4 44.0
169 14.1 11.0 16.6

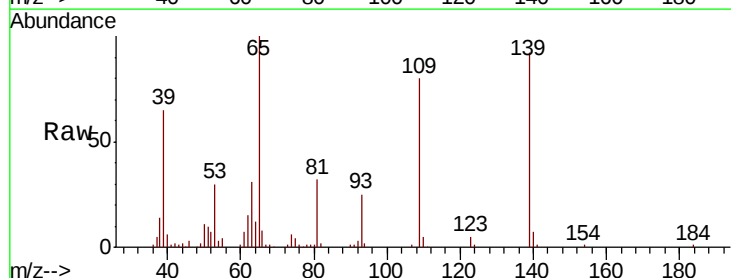


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

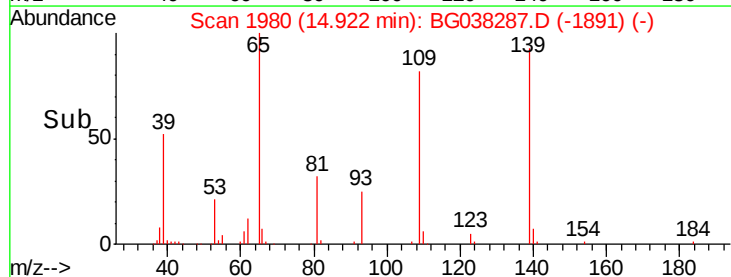
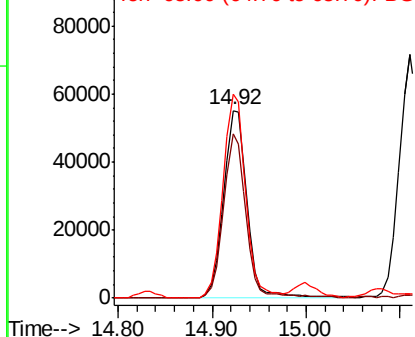


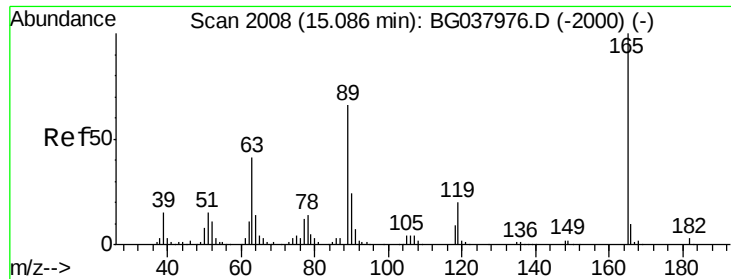
#56
4-Nitrophenol
Concen: 85.839 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:139 Resp: 96221
Ion Ratio Lower Upper
139 100
109 87.7 49.5 89.5
65 109.0 76.8 116.8



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

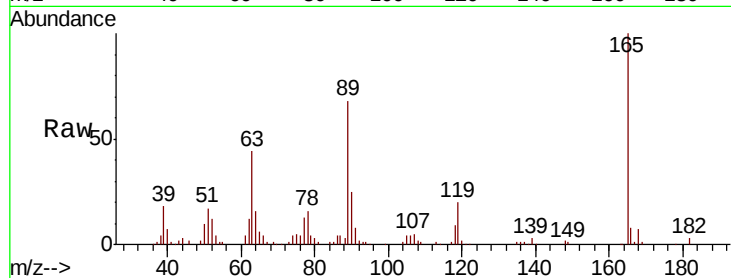




#57
2,4-Dinitrotoluene
Concen: 44.609 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.4	50.0
89	67.8	57.2	85.8
182	2.9	2.6	4.0



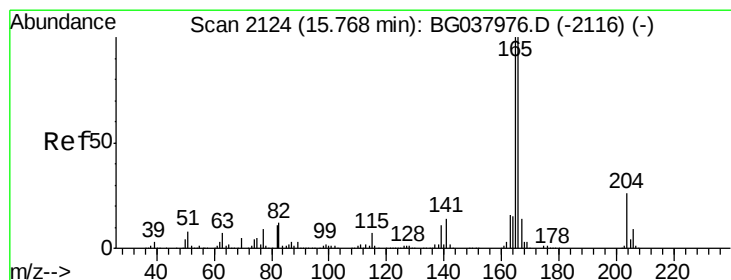
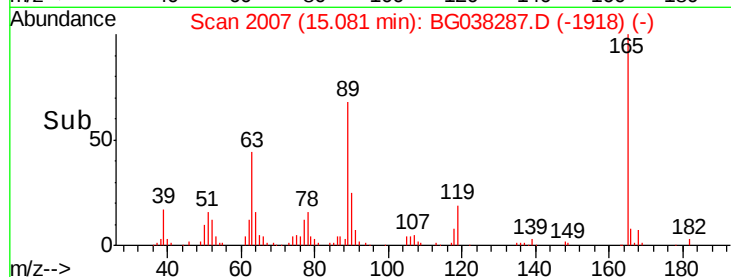
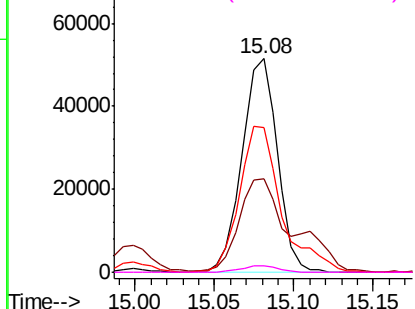
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

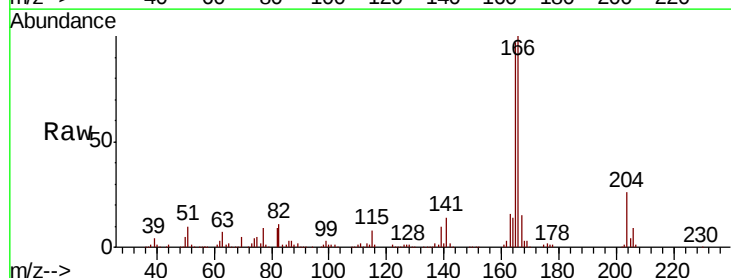
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.789 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	14.7	11.3	16.9

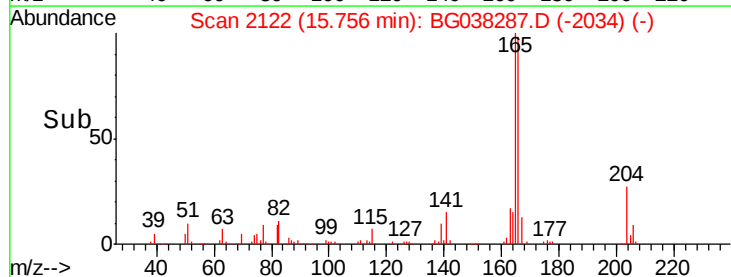
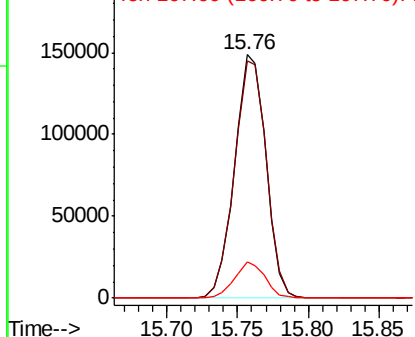


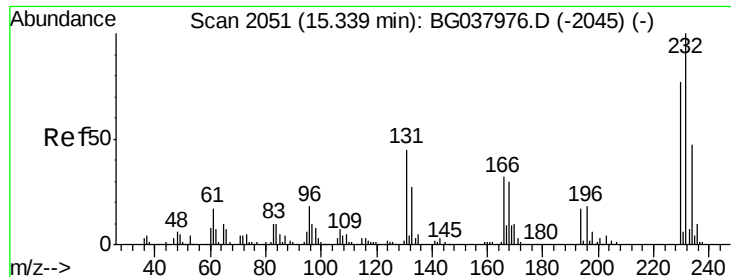
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.098 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion:232 Resp: 67842

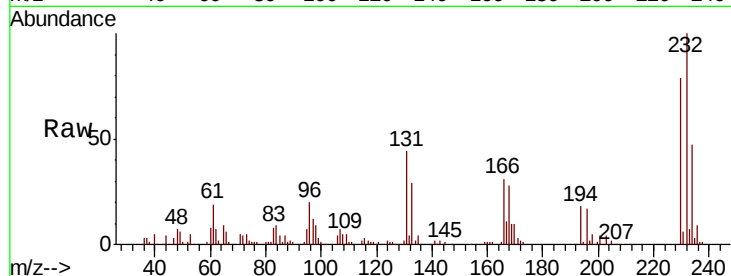
Ion Ratio Lower Upper

232 100

131 44.5 33.7 50.5

130 2.6 2.1 3.1

166 31.6 24.6 36.8

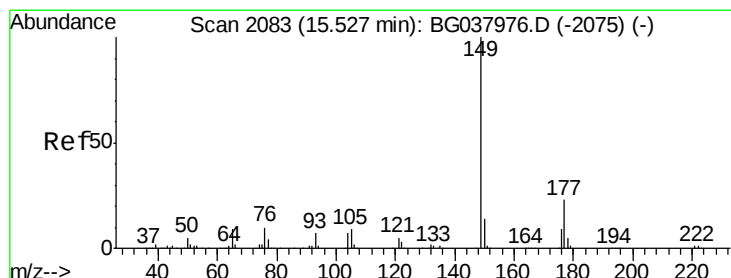
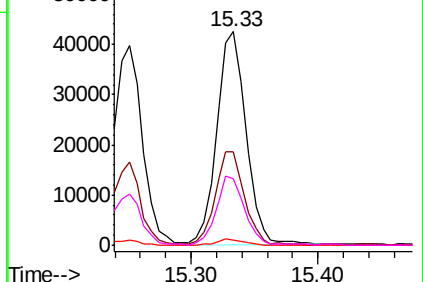
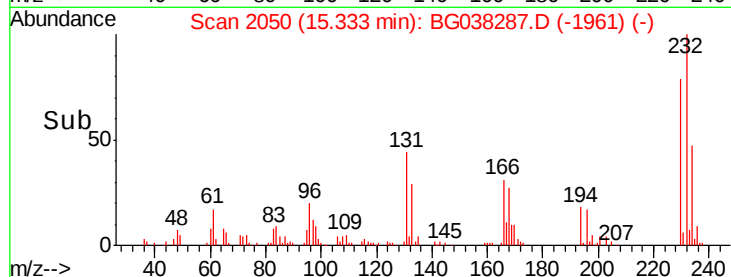


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.028 ng

RT: 15.52 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

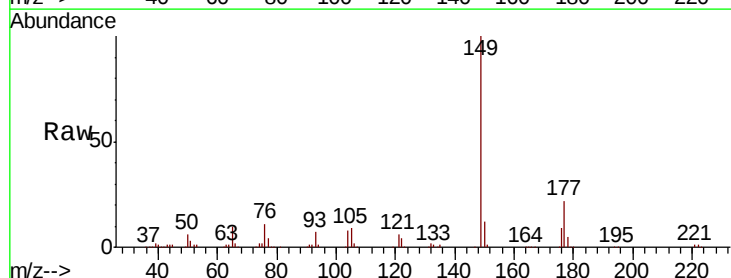
Tgt Ion:149 Resp: 259786

Ion Ratio Lower Upper

149 100

177 21.5 18.3 27.5

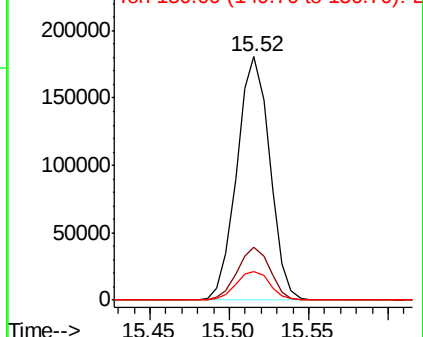
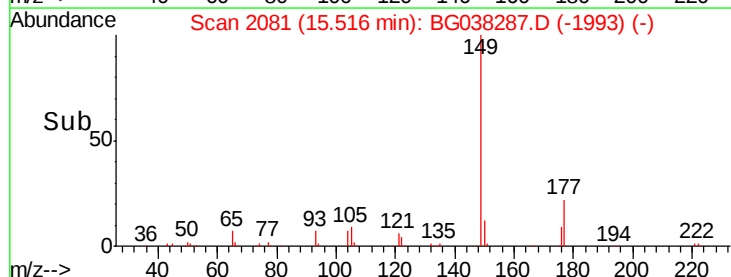
150 11.8 10.0 15.0

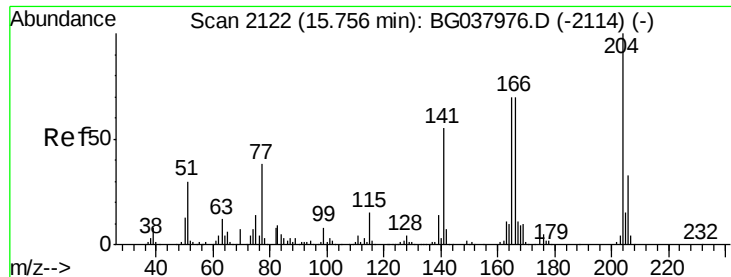


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

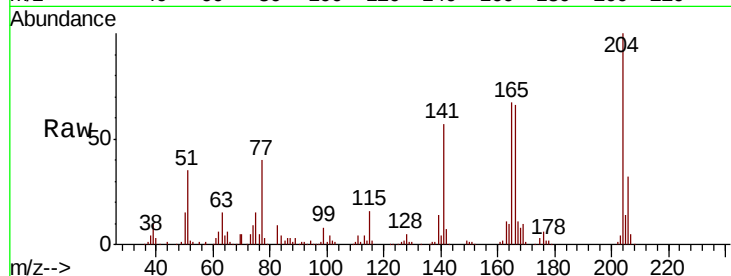




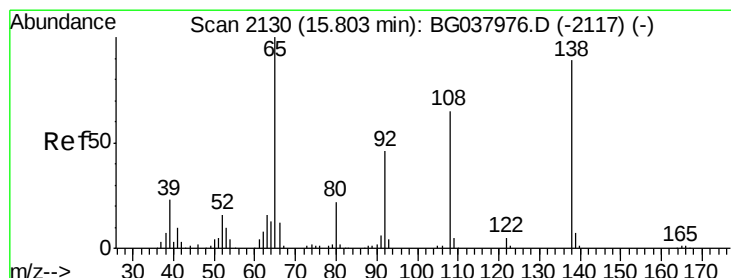
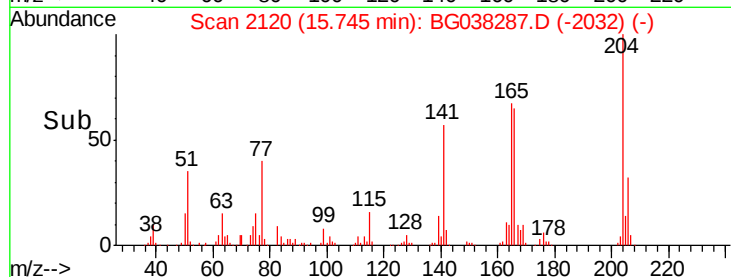
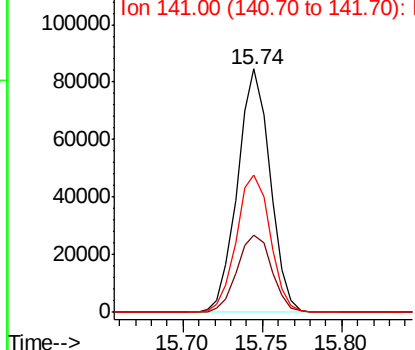
#61
4-Chlorophenyl-phenylether
Concen: 39.211 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleID :
PB115178BS

Tot Ion:204 Resp: 120597
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 56.6 45.4 68.2

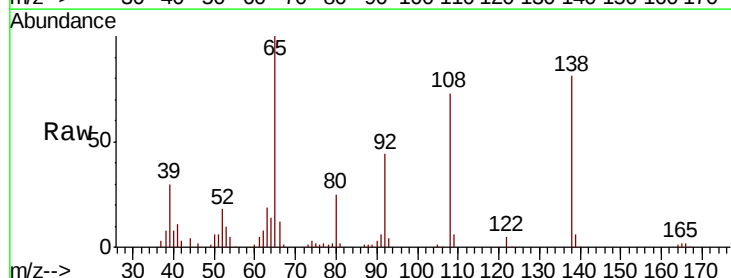


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

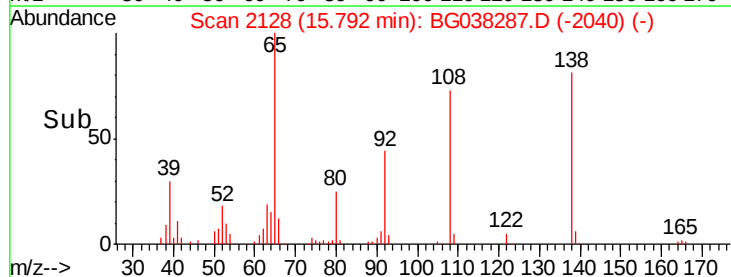
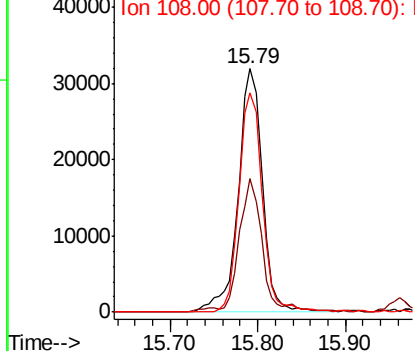


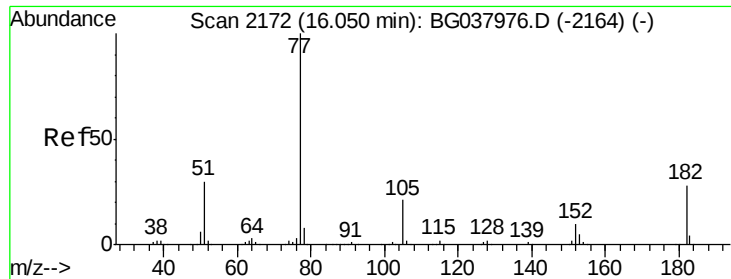
#62
4-Nitroaniline
Concen: 41.033 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:138 Resp: 59244
Ion Ratio Lower Upper
138 100
92 54.6 36.4 76.4
108 90.2 60.1 100.1



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: 42.950 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion: 77 Resp: 237372

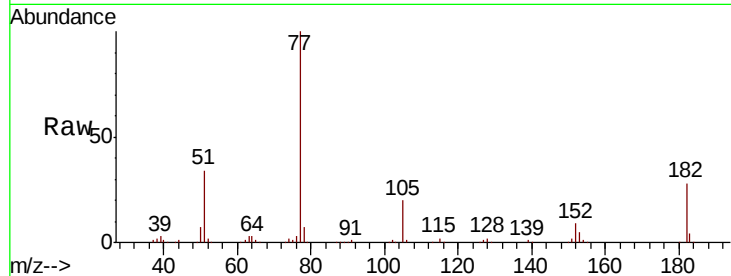
Ion Ratio Lower Upper

77 100

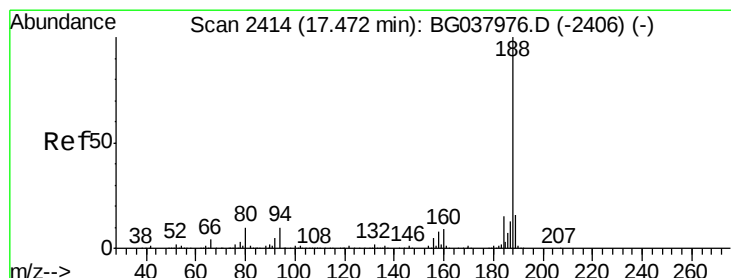
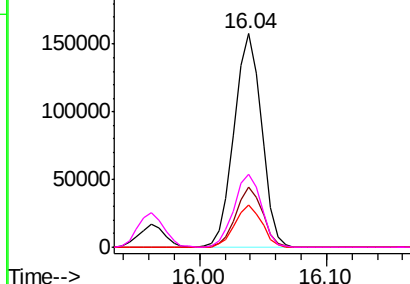
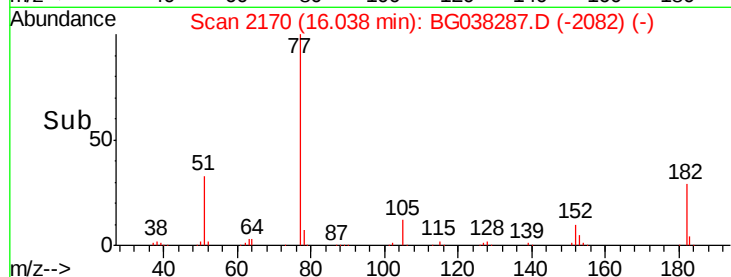
182 28.0 8.0 48.0

105 19.8 1.3 41.3

51 33.9 10.7 50.7



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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

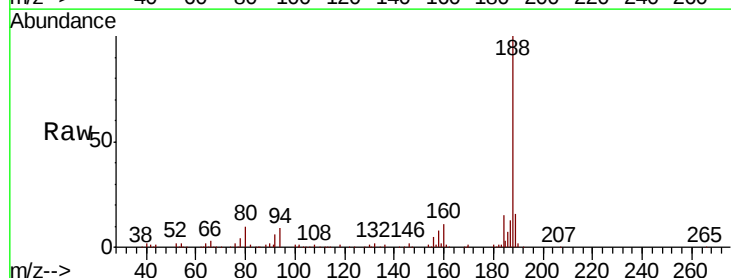
Tgt Ion: 188 Resp: 181192

Ion Ratio Lower Upper

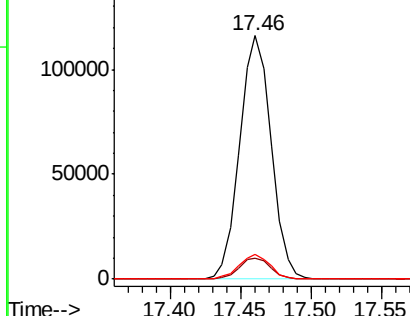
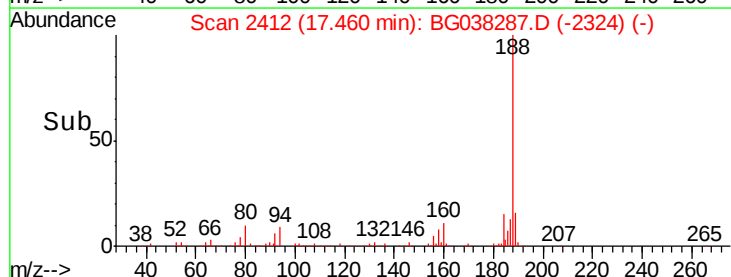
188 100

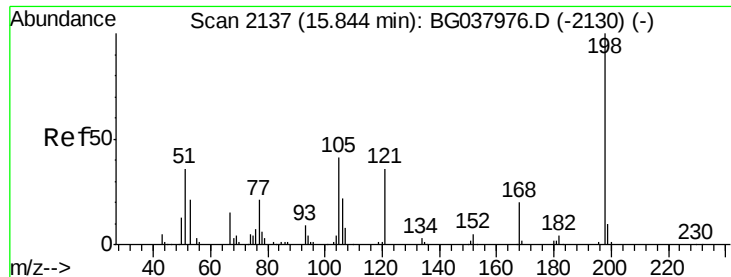
94 8.8 7.2 10.8

80 10.2 7.7 11.5



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: 42.221 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

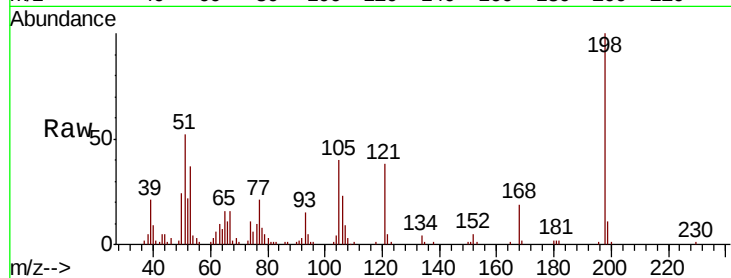
Tot Ion:198 Resp: 48387

Ion Ratio Lower Upper

198 100

51 51.5 22.7 62.7

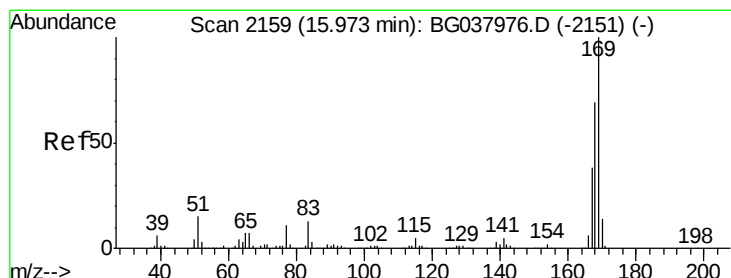
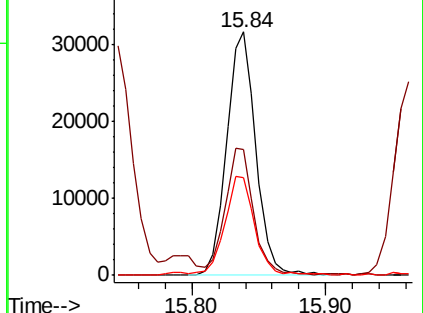
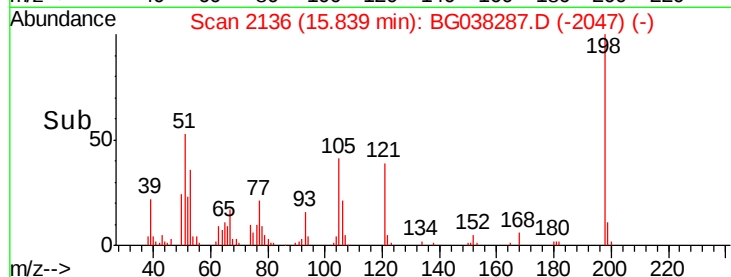
105 39.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.842 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

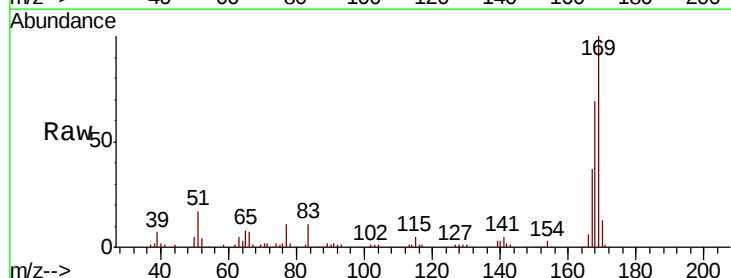
Tgt Ion:169 Resp: 212916

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

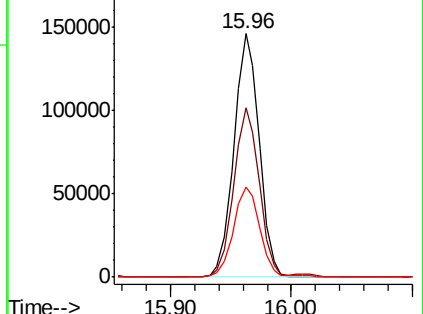
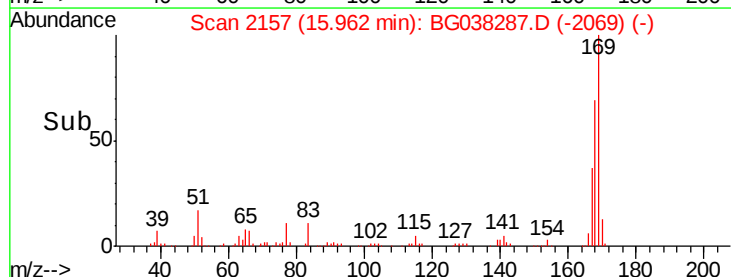
167 37.2 31.3 46.9

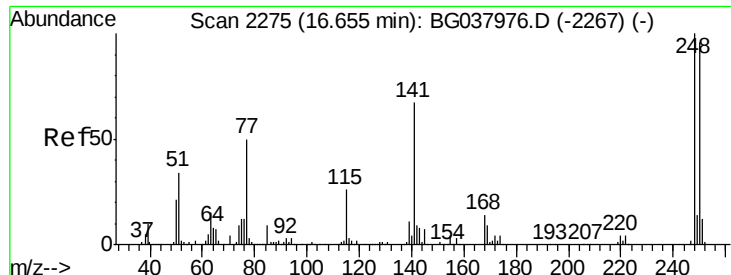


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

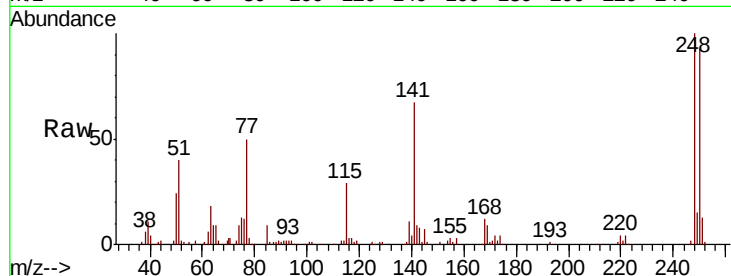




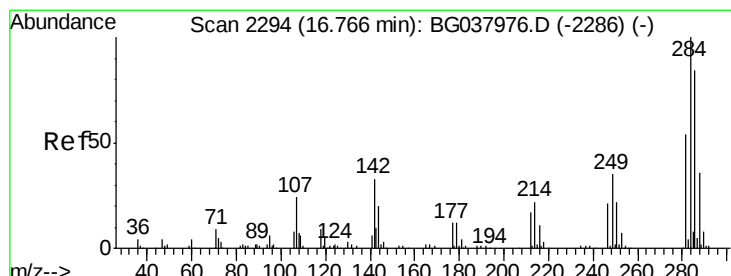
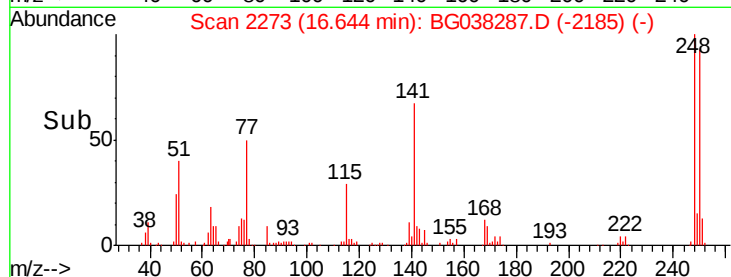
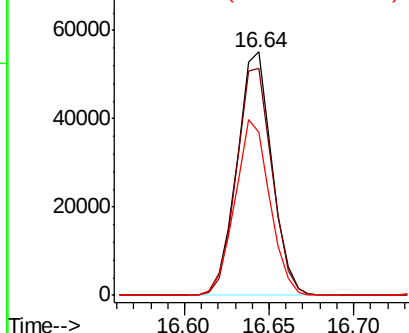
#67
4-Bromophenyl-phenylether
Concen: 39.899 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:248 Resp: 79348
Ion Ratio Lower Upper
248 100
250 93.2 77.0 115.6
141 67.0 55.5 83.3

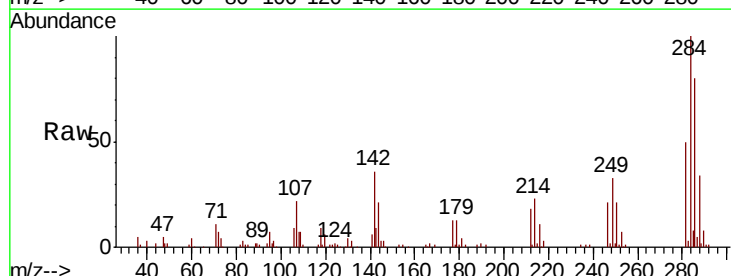


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

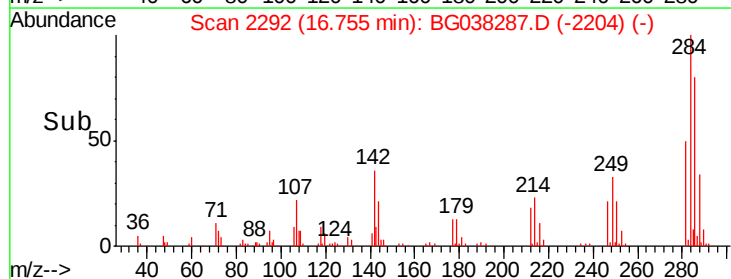
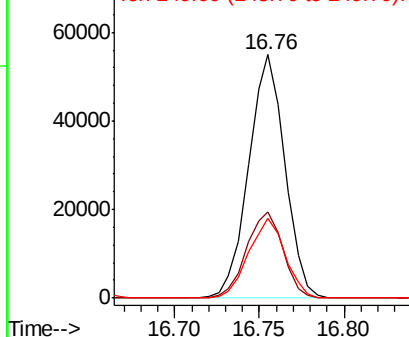


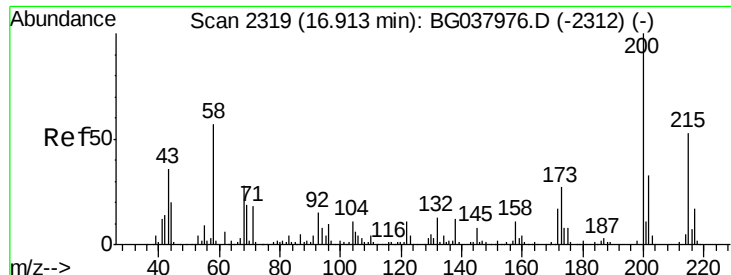
#68
Hexachlorobenzene
Concen: 39.876 ng
RT: 16.76 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:284 Resp: 81857
Ion Ratio Lower Upper
284 100
142 35.6 28.1 42.1
249 33.0 29.8 44.8



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





#69

Atrazine

Concen: 42.331 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

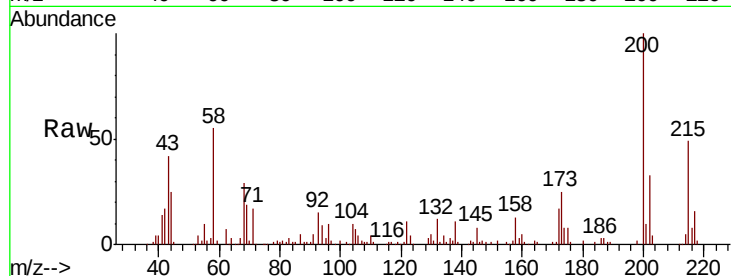
Tot Ion:200 Resp: 85537

Ion Ratio Lower Upper

200 100

173 24.9 6.1 46.1

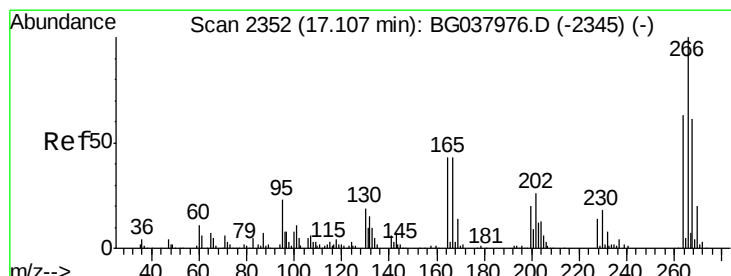
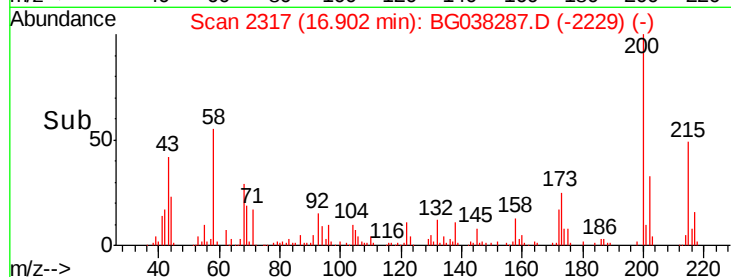
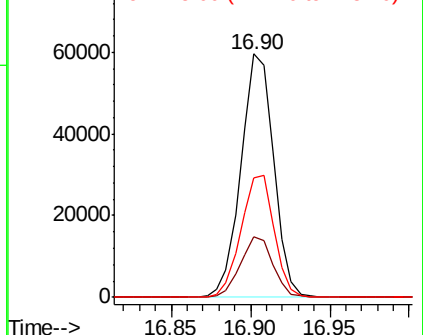
215 49.1 30.8 70.8



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: 72.603 ng

RT: 17.10 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

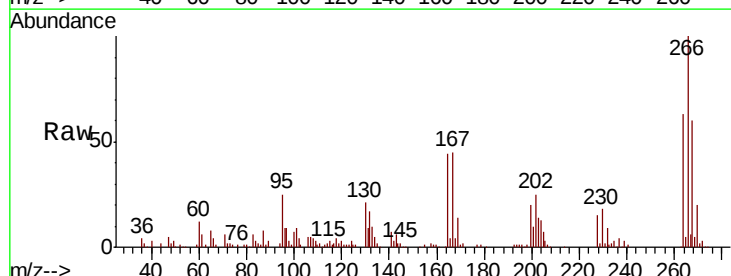
Tgt Ion:266 Resp: 101221

Ion Ratio Lower Upper

266 100

268 65.4 55.0 82.6

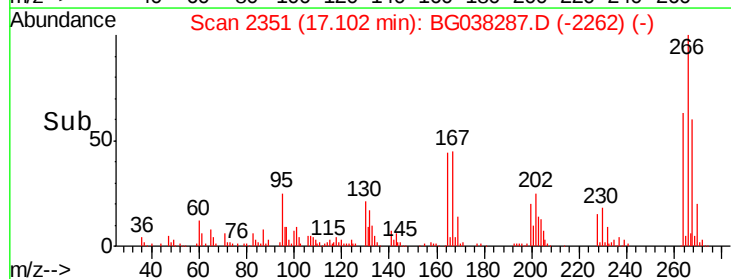
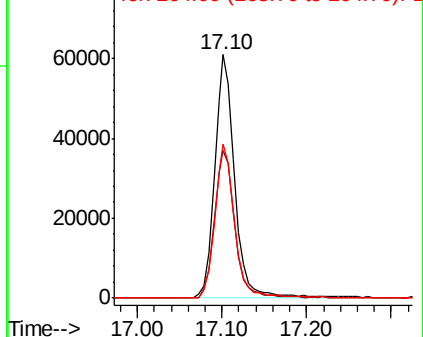
264 63.5 58.9 88.3

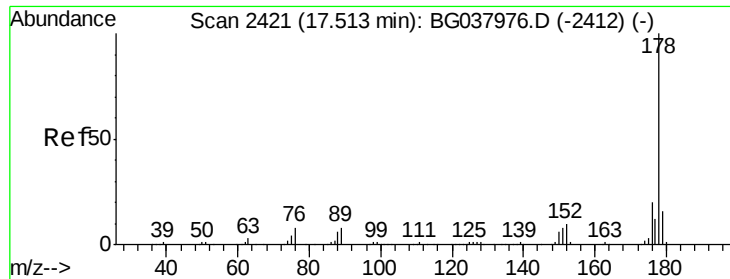


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

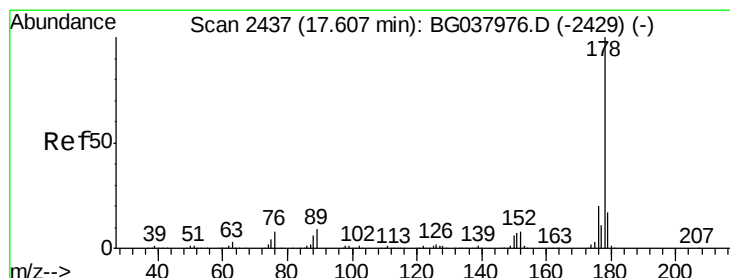
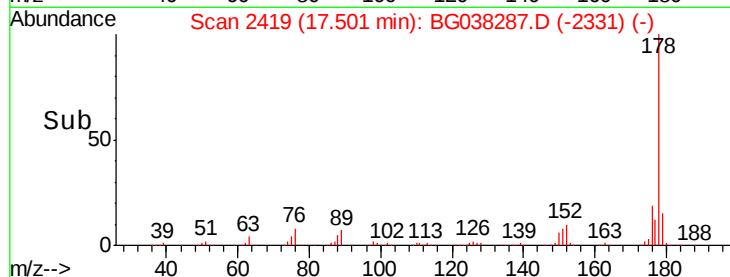
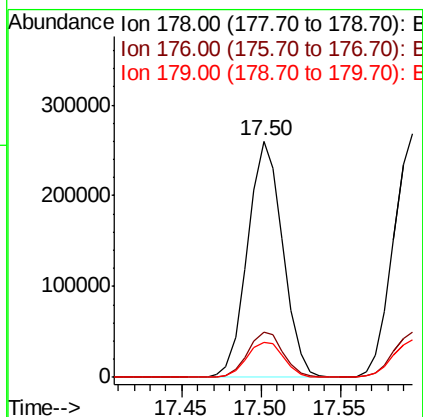
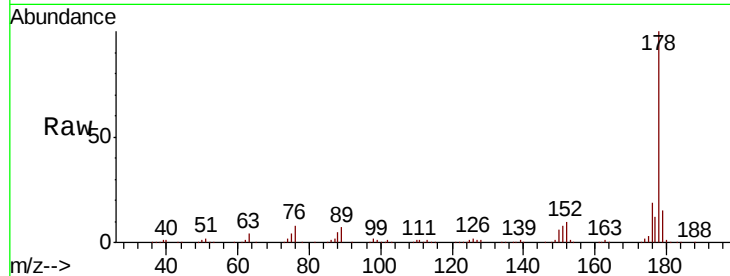




#71
Phenanthrene
Concen: 43.218 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

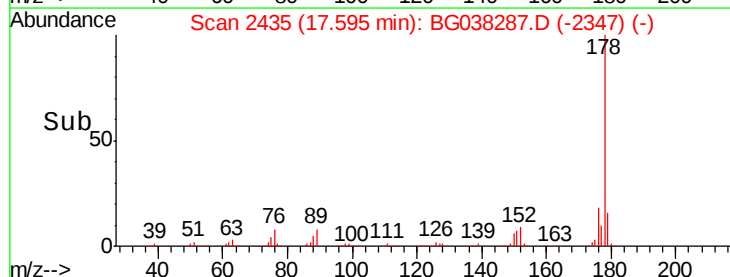
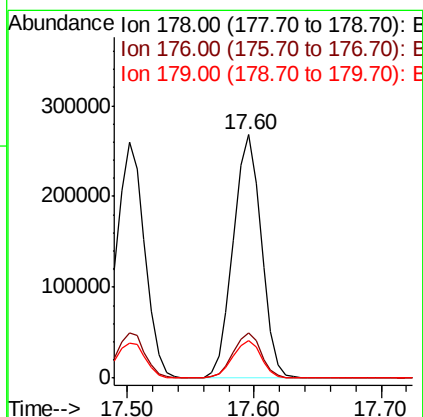
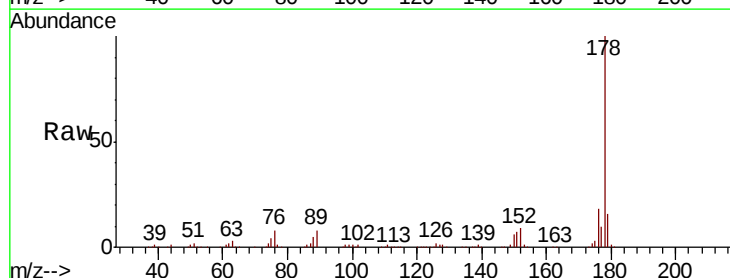
Instrument :
BNA_G
ClientSampleId :
PB115178BS

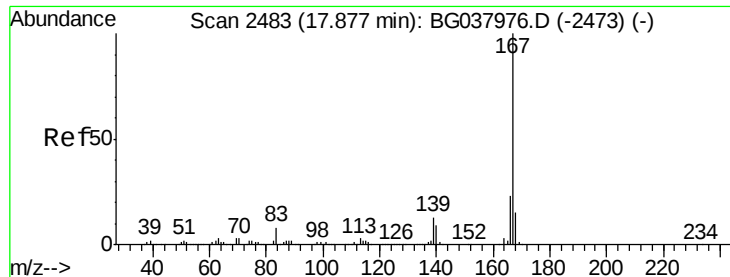
Tot Ion:178 Resp: 400923
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.0 13.0 19.4



#72
Anthracene
Concen: 44.888 ng
RT: 17.60 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:178 Resp: 410479
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.5 12.8 19.2

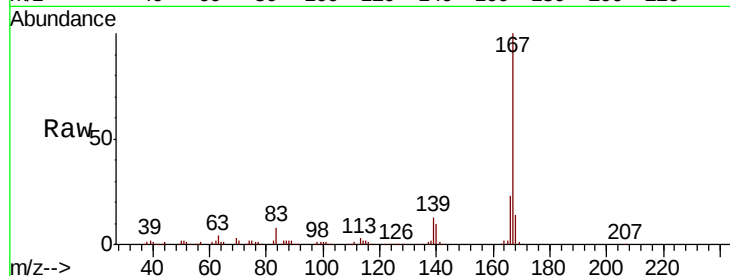




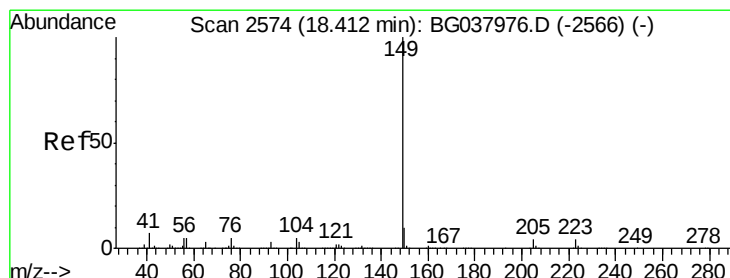
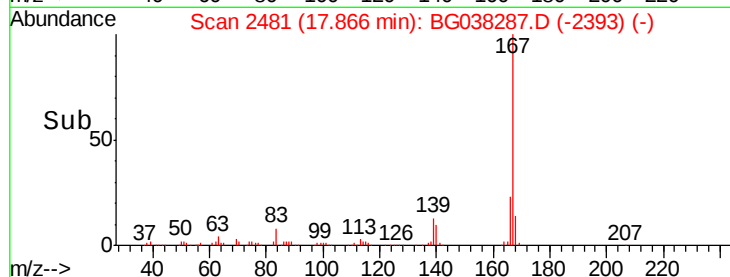
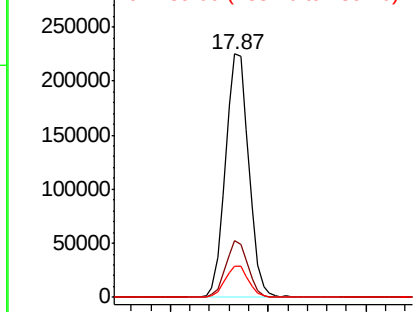
#73
 Carbazole
 Concen: 40.561 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.0	10.5	15.7

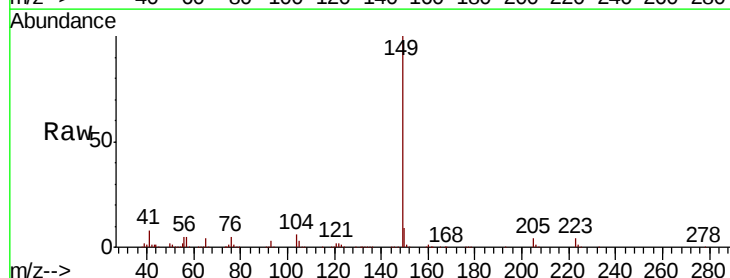


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

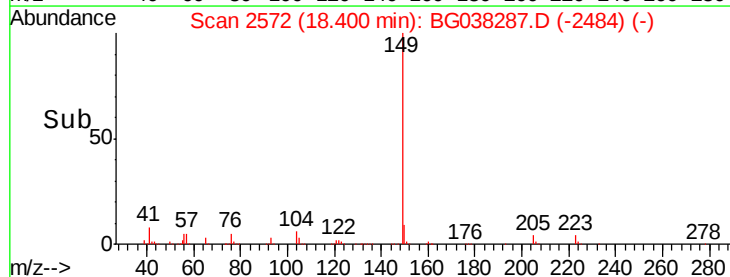
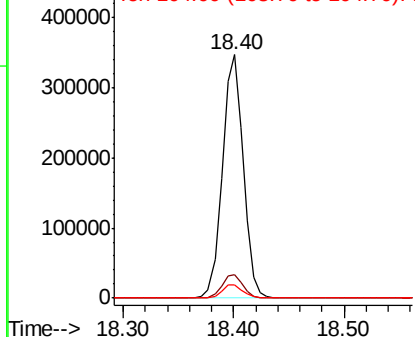


#74
 Di-n-butylphthalate
 Concen: 44.243 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.5	4.0	6.0



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: 46.118 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

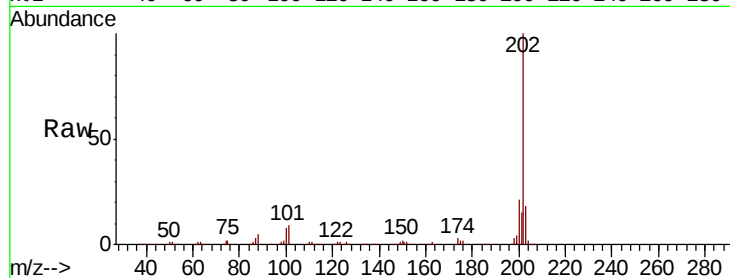
Tot Ion:202 Resp: 488117

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.7

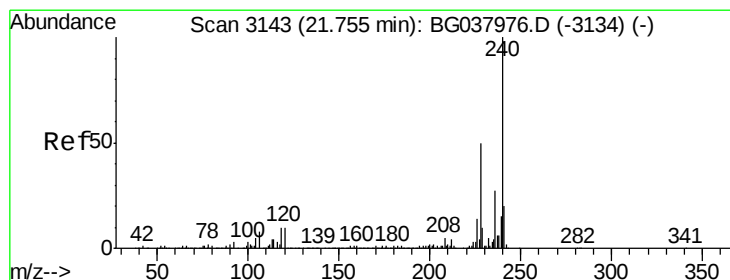
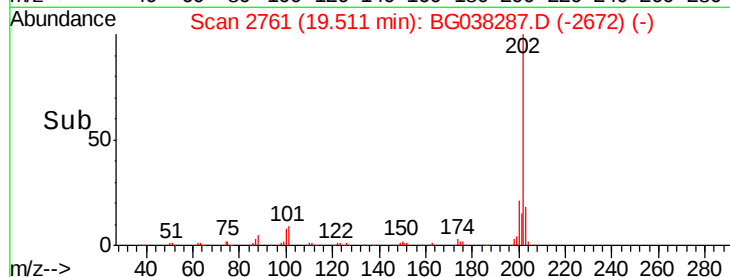
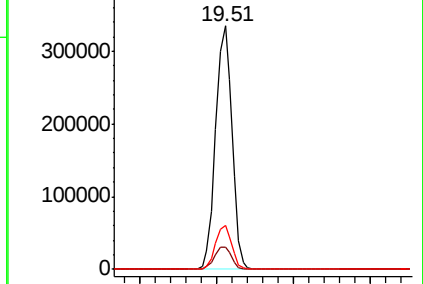
203 18.3 0.0 38.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

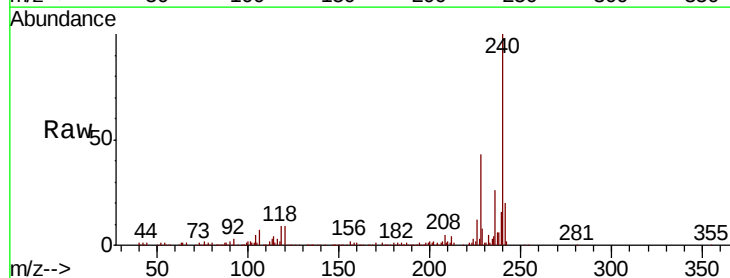
Tgt Ion:240 Resp: 172202

Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

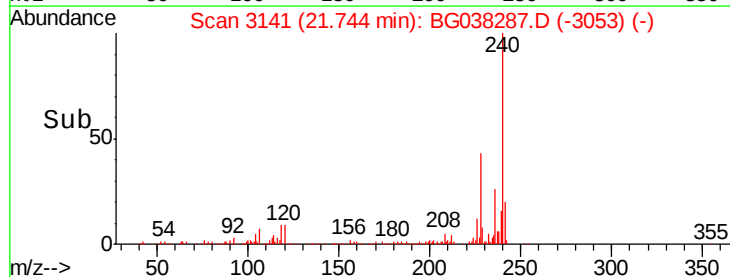
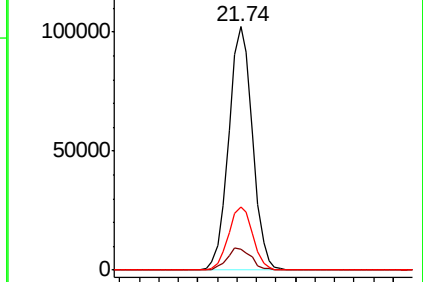
236 25.8 21.4 32.0



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: 26.567 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

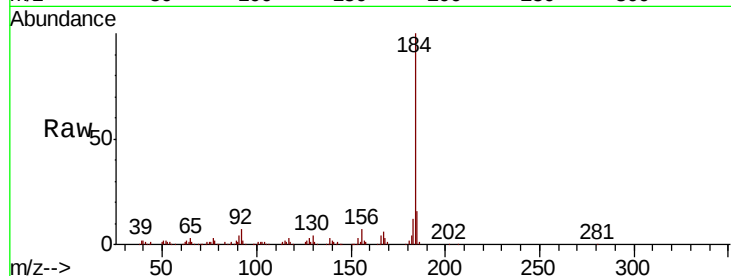
Tot Ion:184 Resp: 160530

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

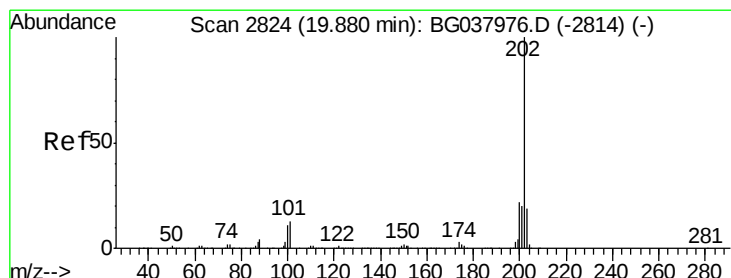
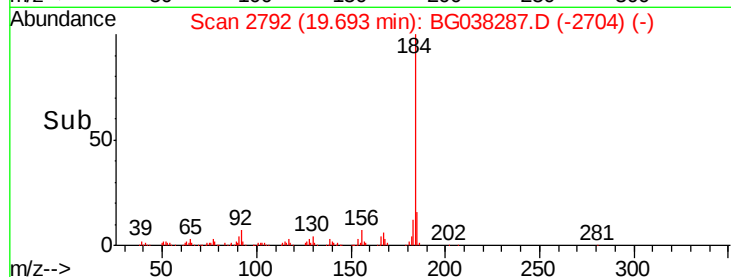
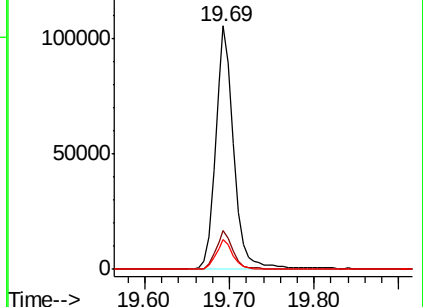
183 12.2 10.2 15.2



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: 43.529 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

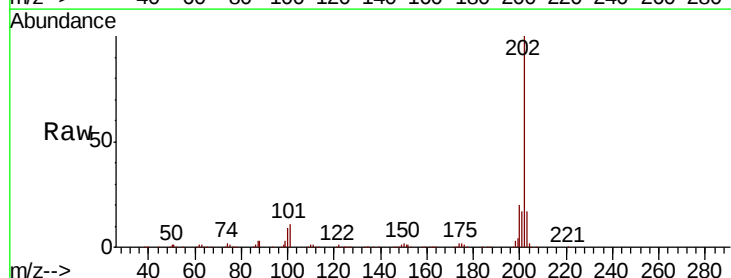
Tgt Ion:202 Resp: 490076

Ion Ratio Lower Upper

202 100

200 20.0 17.8 26.6

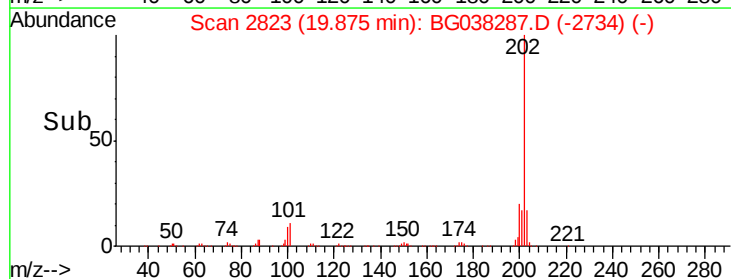
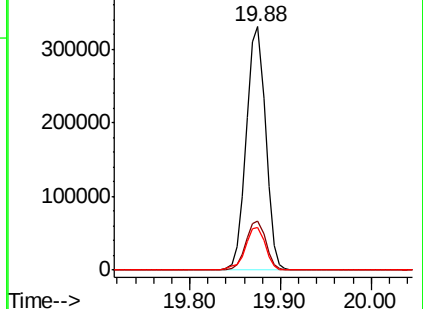
203 17.4 15.2 22.8



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: 83.051 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

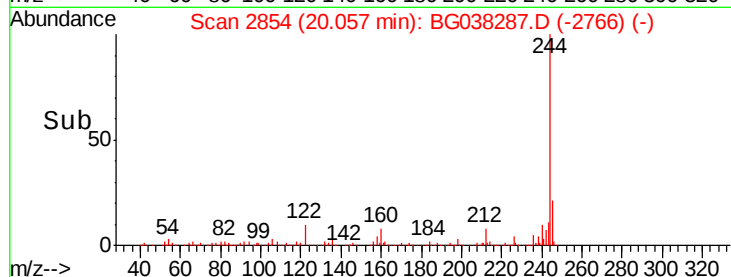
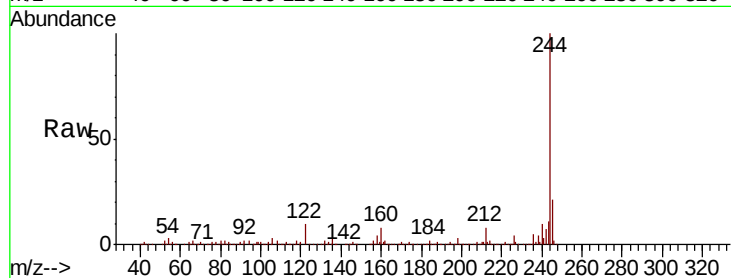
Tot Ion:244 Resp: 607801

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

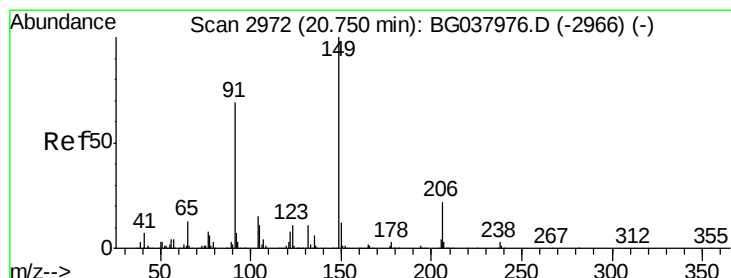
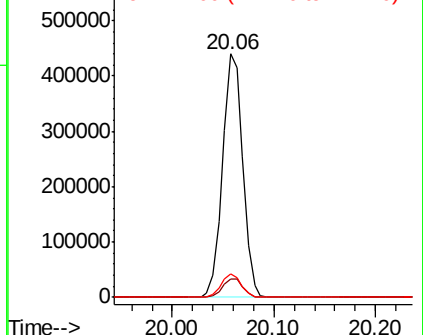
122 9.6 9.0 13.4



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: 41.430 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

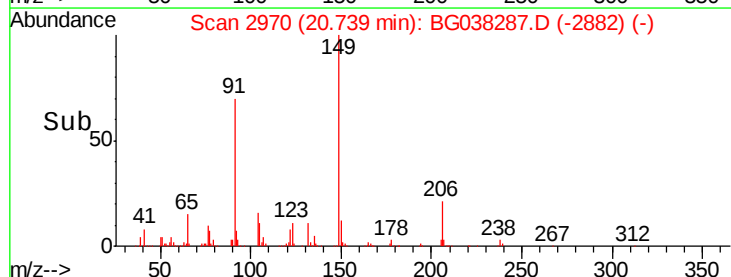
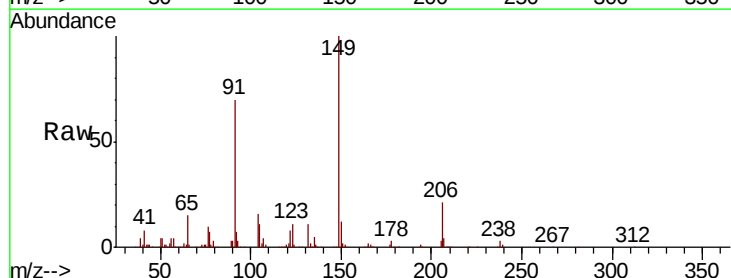
Tgt Ion:149 Resp: 203983

Ion Ratio Lower Upper

149 100

91 70.3 57.0 85.4

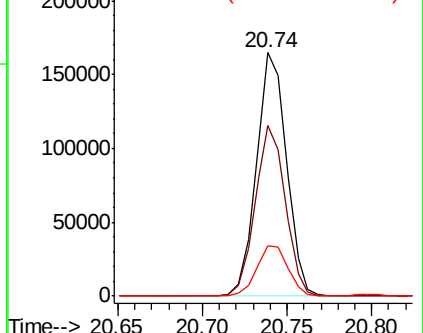
206 20.8 17.8 26.6

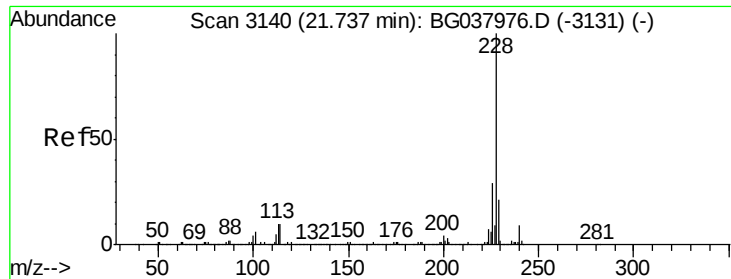


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

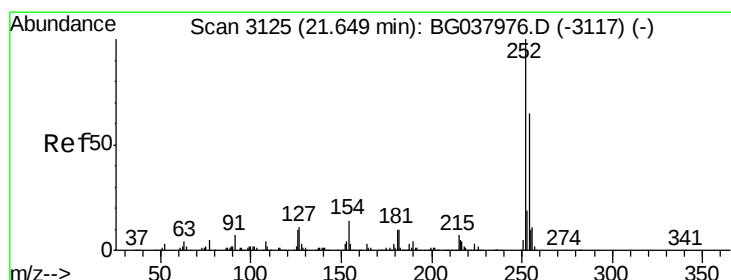
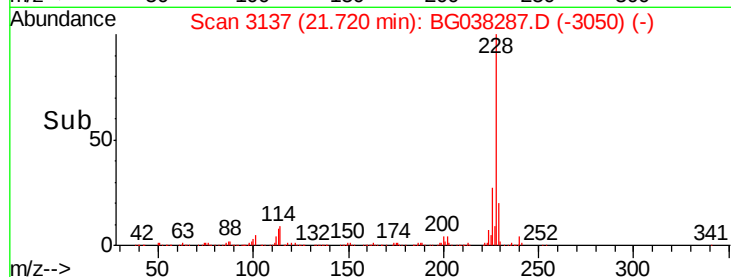
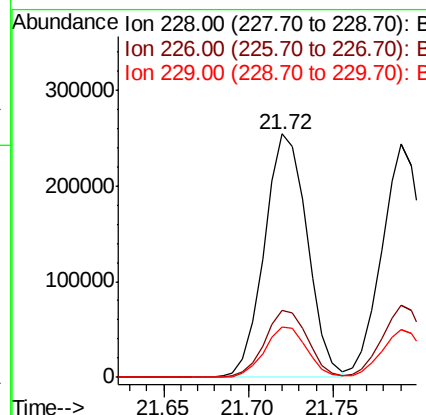
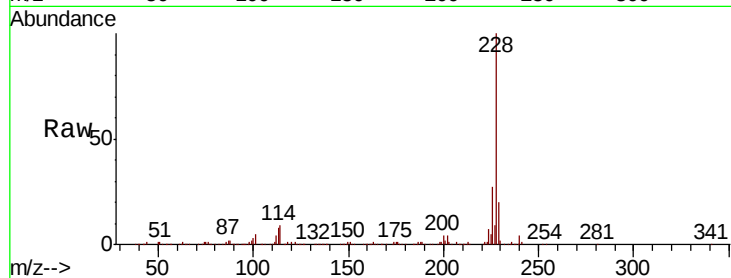




#81
Benzo(a)anthracene
Concen: 42.826 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

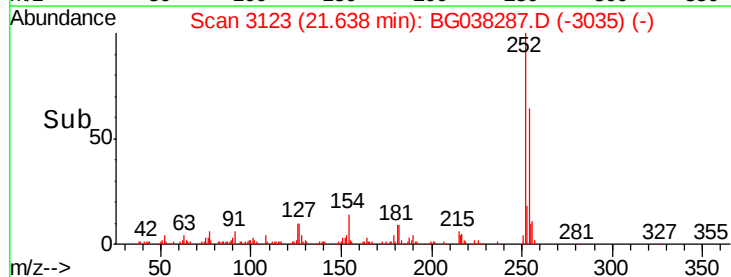
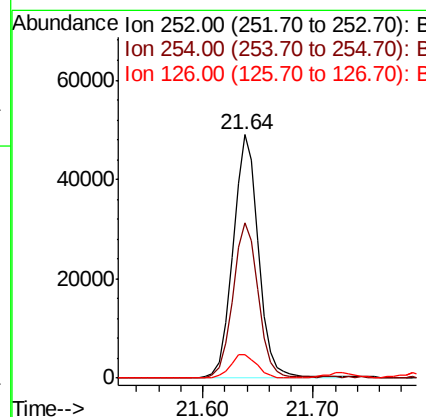
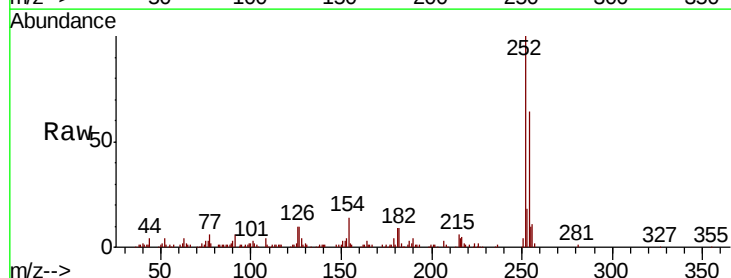
Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:228 Resp: 445666
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 19.538 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:252 Resp: 79200
Ion Ratio Lower Upper
252 100
254 63.8 52.0 78.0
126 9.8 8.2 12.4





#83

Chrysene

Concen: 41.666 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

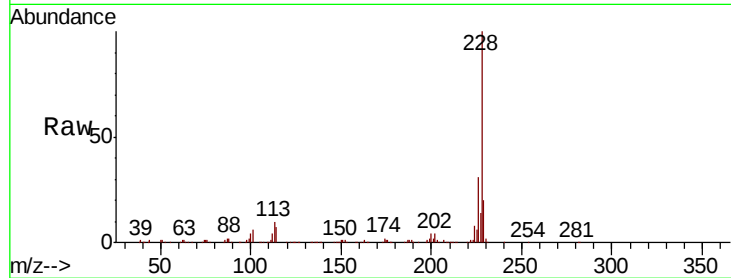
Tot Ion:228 Resp: 414857

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

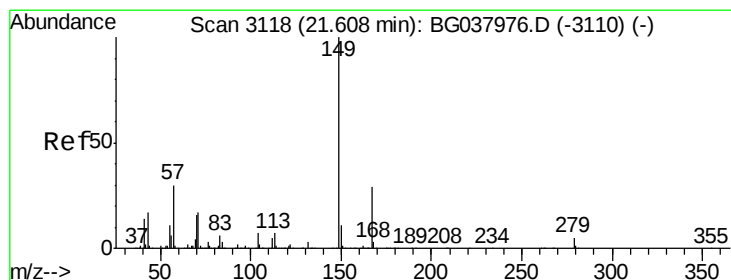
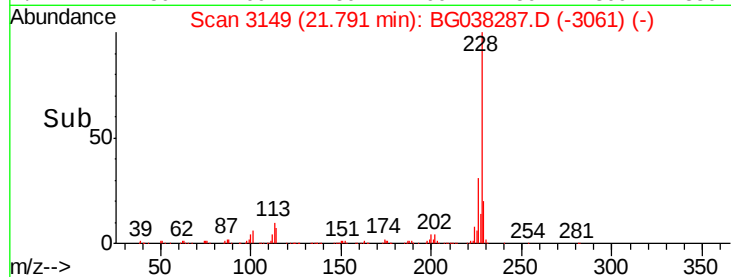
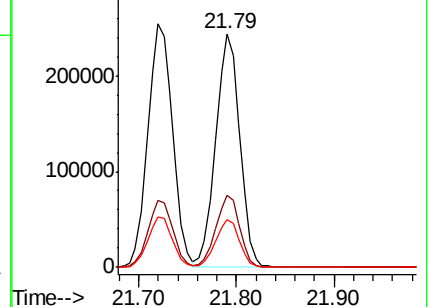
229 20.4 16.5 24.7



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: 40.870 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

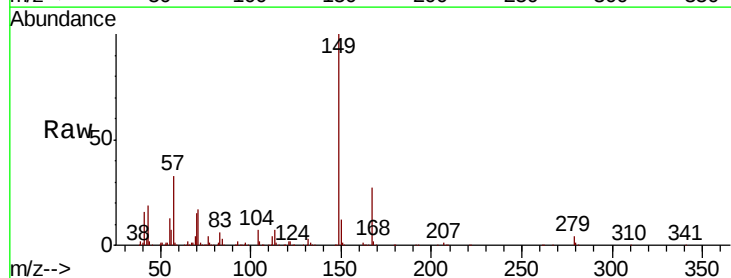
Tgt Ion:149 Resp: 286971

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.4

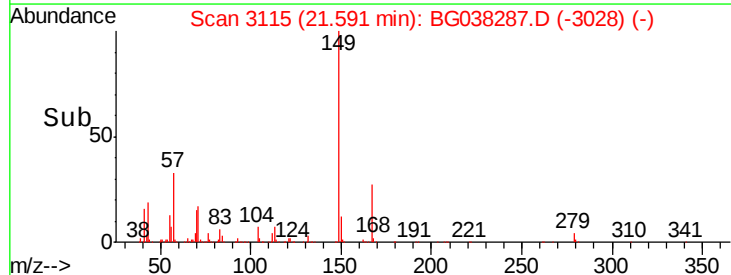
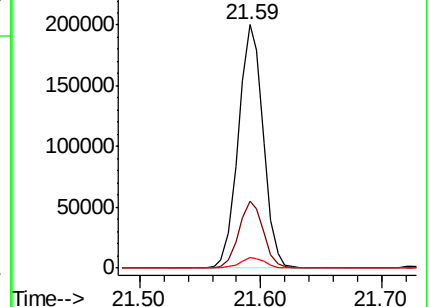
279 4.2 3.6 5.4

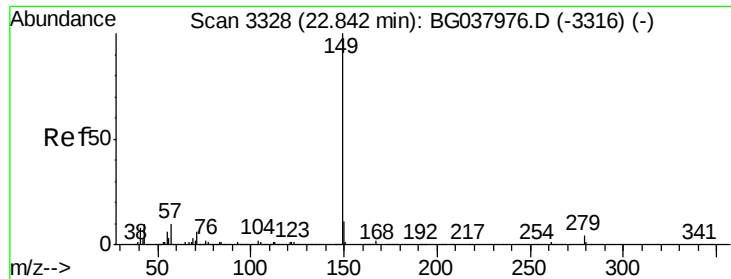


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.865 ng

RT: 22.82 min Scan# 3325

Delta R.T. -0.02 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

Instrument :

BNA_G

ClientSampleId :

PB115178BS

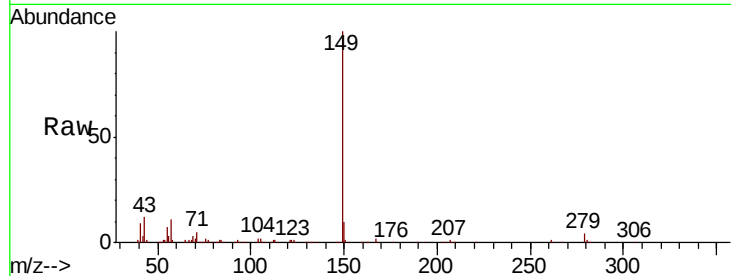
Tot Ion:149 Resp: 486922

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

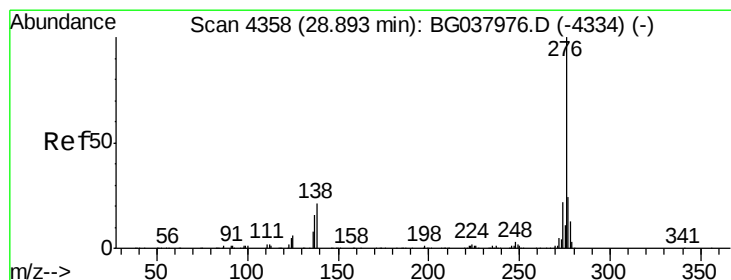
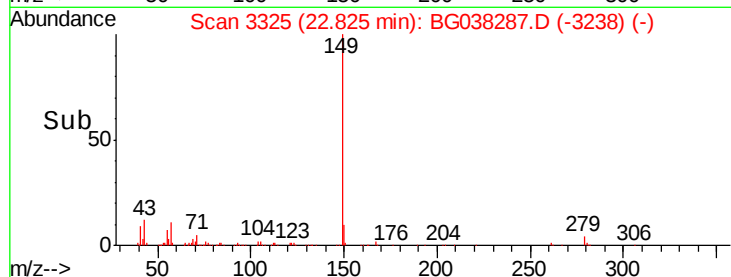
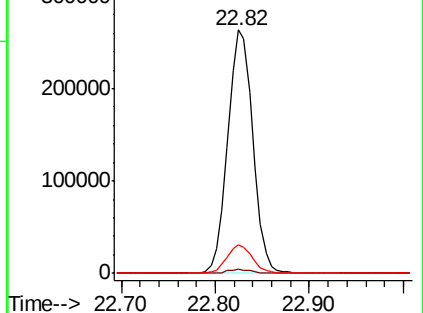
43 11.8 8.7 13.1



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: 44.286 ng

RT: 28.86 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG038287.D

Acq: 1 Dec 2018 14:47

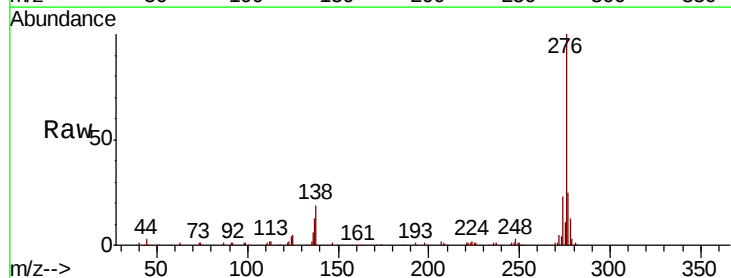
Tgt Ion:276 Resp: 489727

Ion Ratio Lower Upper

276 100

138 11.7 12.0 18.0#

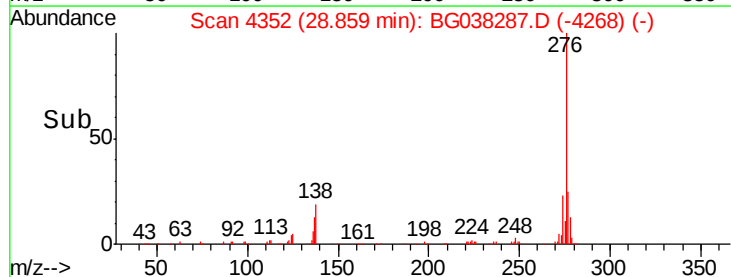
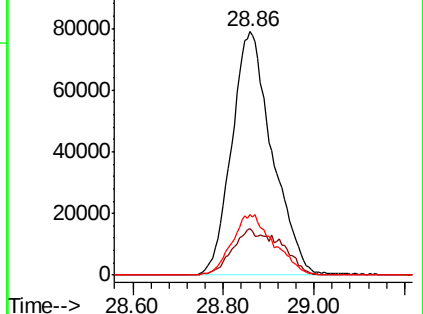
277 25.8 20.6 30.8

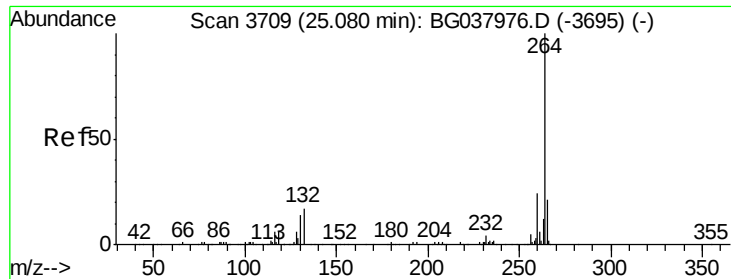


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

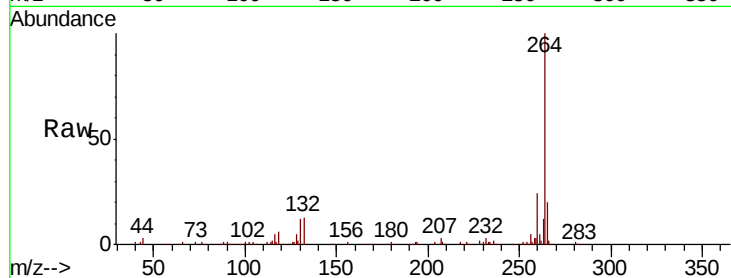




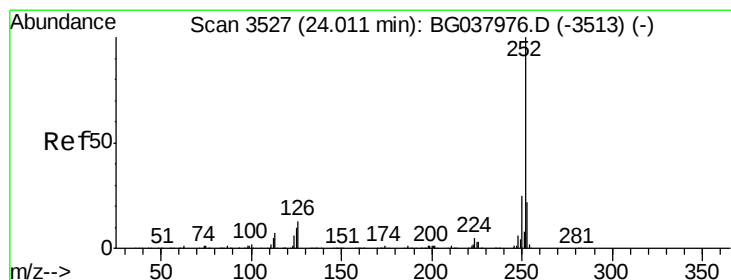
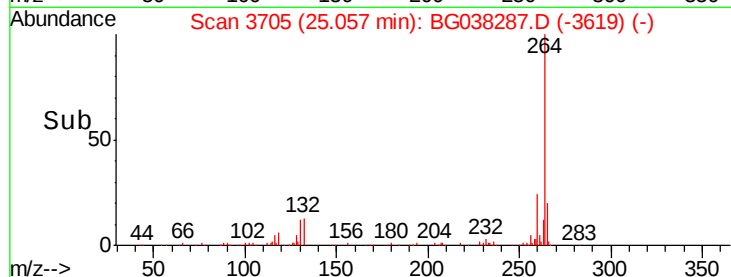
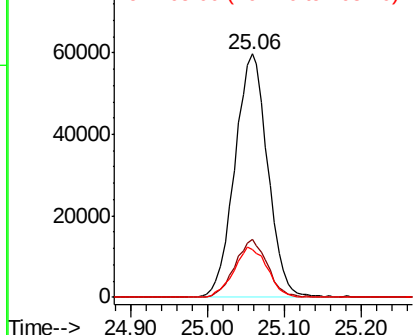
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3705
 Delta R.T. -0.02 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:264 Resp: 178643
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 19.6 17.9 26.9

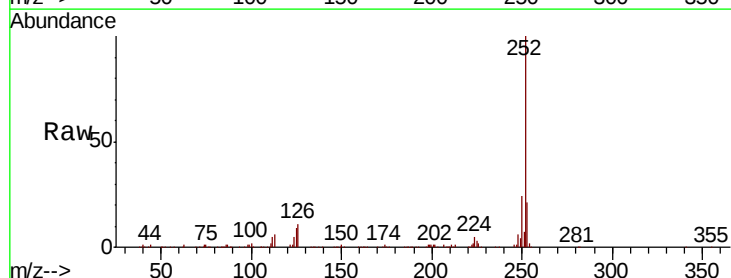


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

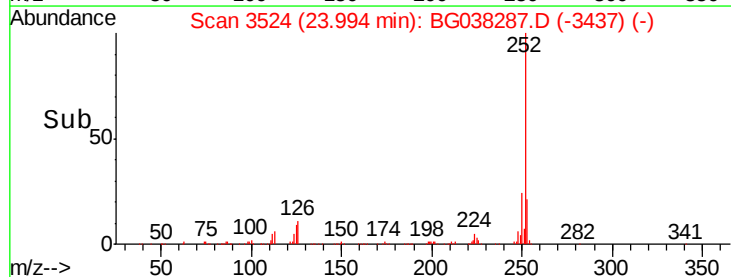
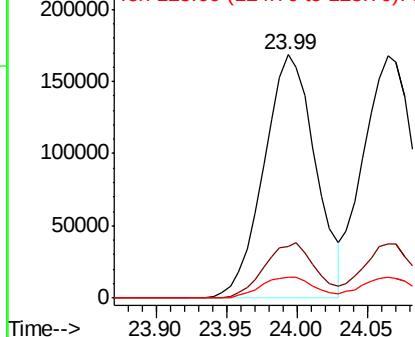


#88
 Benzo(b)fluoranthene
 Concen: 43.830 ng
 RT: 23.99 min Scan# 3524
 Delta R.T. -0.02 min
 Lab File: BG038287.D
 Acq: 1 Dec 2018 14:47

Tgt Ion:252 Resp: 430882
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.2 27.2
 125 8.7 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

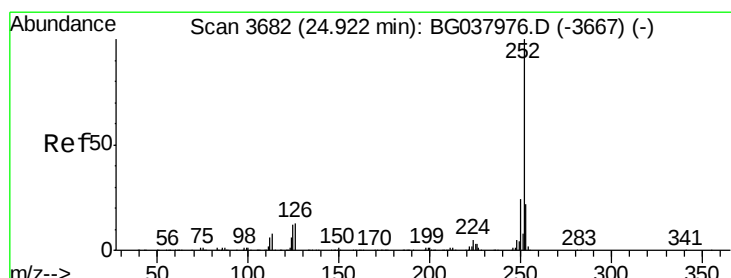
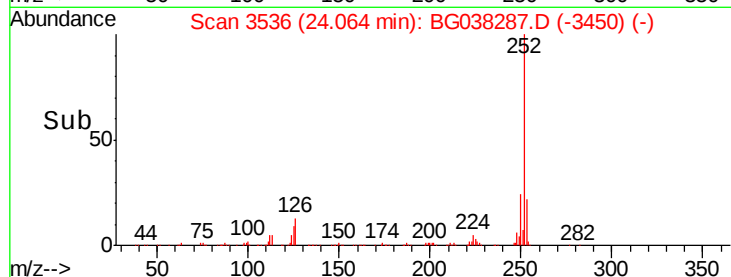
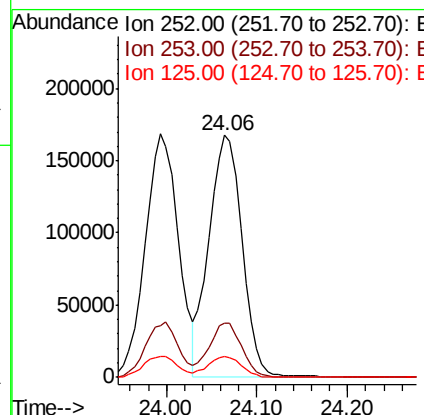
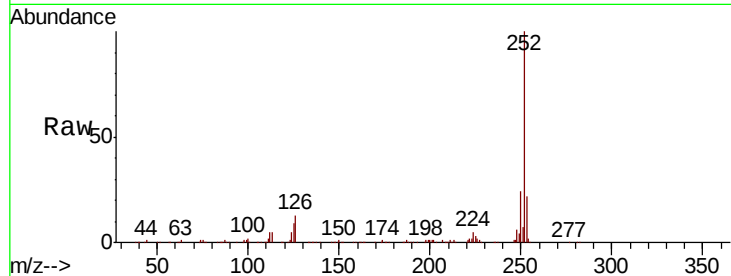




#89
Benzo(k)fluoranthene
Concen: 43.953 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

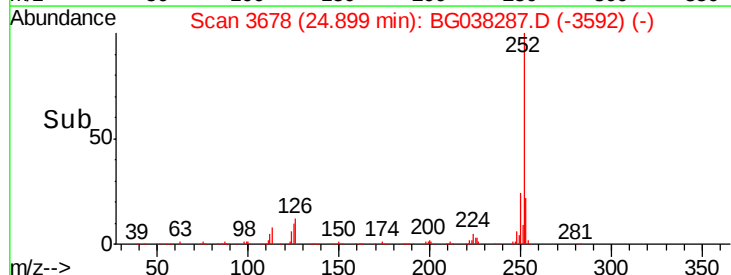
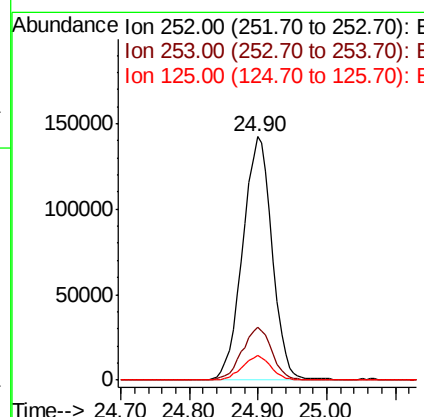
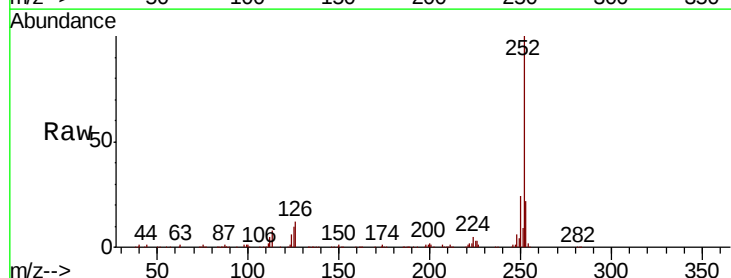
Instrument :
BNA_G
ClientSampleId :
PB115178BS

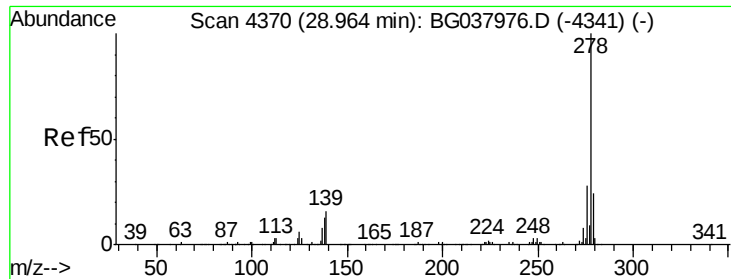
Tot Ion:252 Resp: 426369
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 8.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.211 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:252 Resp: 424759
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.1 9.0 13.6

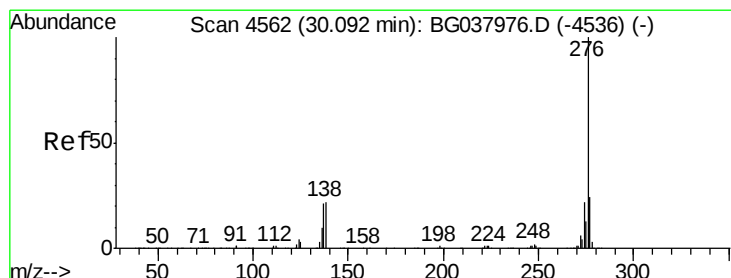
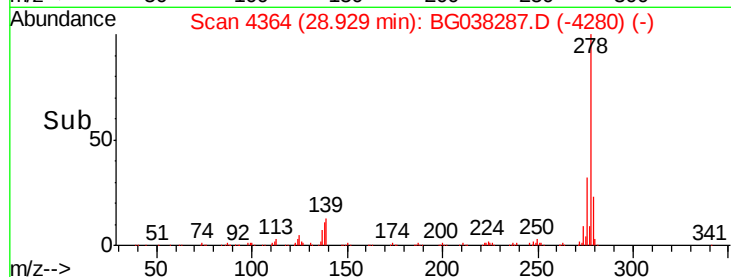
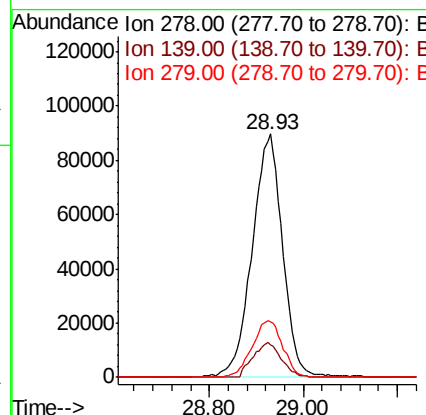
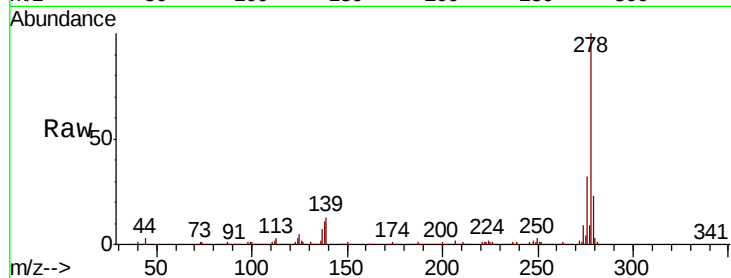




#91
Dibenzo(a,h)anthracene
Concen: 44.698 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.03 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:278 Resp: 404058
Ion Ratio Lower Upper
278 100
139 13.3 11.5 17.3
279 23.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 44.947 ng
RT: 30.06 min Scan# 4556
Delta R.T. -0.03 min
Lab File: BG038287.D
Acq: 1 Dec 2018 14:47

Tgt Ion:276 Resp: 403997
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 18.7 17.2 25.8

