

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038063.D
 Acq On : 19 Nov 2018 15:29
 Operator : JU/SJ
 Sample : PB114891BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Quant Time: Nov 19 16:05:47 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	8.09	152	42282	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	175483	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	108355	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	258928	20.00	ng	0.00
76) Chrysene-d12	21.75	240	241086	20.00	ng	0.00
87) Perylene-d12	25.08	264	252844	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	314010	128.22	ng	0.00
7) Phenol-d6	7.24	99	420805	120.38	ng	0.00
23) Nitrobenzene-d5	9.26	82	200658	61.21	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143952	116.49	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	446724	60.06	ng	0.00
79) Terphenyl-d14	20.07	244	743877	72.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37608	32.513	ng	98
3) Pyridine	3.92	79	108659	32.931	ng	100
4) n-Nitrosodimethylamine	3.84	42	49121	41.034	ng	# 98
6) Aniline	7.41	93	129576	28.720	ng	99
8) 2-Chlorophenol	7.65	128	114396	40.258	ng	95
9) Benzaldehyde	7.23	77	63119	24.968	ng	97
10) Phenol	7.26	94	149612	40.406	ng	100
11) bis(2-Chloroethyl)ether	7.51	93	109671	36.281	ng	97
12) 1,3-Dichlorobenzene	7.98	146	117852	36.002	ng	96
13) 1,4-Dichlorobenzene	8.12	146	117964	35.673	ng	100
14) 1,2-Dichlorobenzene	8.44	146	114120	36.147	ng	98
15) Benzyl Alcohol	8.33	79	98875	39.090	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	207789	37.019	ng	98
17) 2-Methylphenol	8.52	107	100572	40.175	ng	99
18) Hexachloroethane	9.17	117	42671	35.457	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	88160	34.854	ng	97
20) 3+4-Methylphenols	8.85	107	137873	38.852	ng	99
22) Acetophenone	8.92	105	166866	38.218	ng	# 99
24) Nitrobenzene	9.31	77	130566	38.935	ng	98
25) Isophorone	9.82	82	242012	41.016	ng	100
26) 2-Nitrophenol	10.02	139	62205	37.156	ng	96
27) 2,4-Dimethylphenol	10.06	122	113437	44.972	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	148475	39.352	ng	99
29) 2,4-Dichlorophenol	10.55	162	115028	40.543	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	117912	37.087	ng	100
31) Naphthalene	10.96	128	346807	40.181	ng	99
32) Benzoic acid	10.18	122	53062	36.609	ng	97
33) 4-Chloroaniline	11.07	127	95645	23.823	ng	96
34) Hexachlorobutadiene	11.22	225	68652	35.085	ng	98
35) Caprolactam	11.85	113	40456	35.624	ng	87
36) 4-Chloro-3-methylphenol	12.18	107	121997	39.358	ng	98
37) 2-Methylnaphthalene	12.56	142	255647	41.235	ng	99
38) 1-Methylnaphthalene	12.78	142	245709	41.173	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	131683	36.369	ng	98

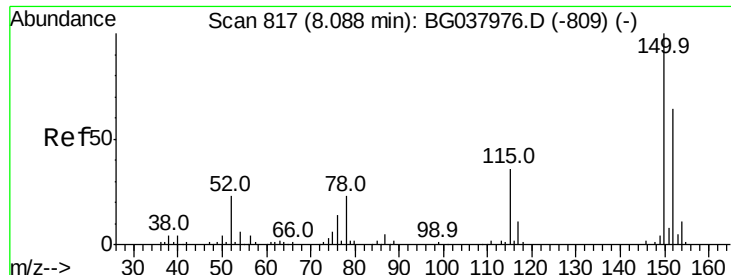
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038063.D
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 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	167007	86.139	ng	95
43) 2,4,6-Trichlorophenol	13.16	196	92779	37.604	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	102885	39.631	ng	95
46) 1,1'-Biphenyl	13.56	154	324301	35.626	ng	99
47) 2-Chloronaphthalene	13.60	162	258565	37.223	ng	99
48) 2-Nitroaniline	13.82	65	88050	40.275	ng	94
49) Acenaphthylene	14.45	152	427211	40.898	ng	99
50) Dimethylphthalate	14.17	163	328759	38.272	ng	99
51) 2,6-Dinitrotoluene	14.30	165	77021	39.616	ng	96
52) Acenaphthene	14.79	154	245609	39.056	ng	95
53) 3-Nitroaniline	14.64	138	63050	29.390	ng	# 96
54) 2,4-Dinitrophenol	14.84	184	61765	61.317	ng	99
55) Dibenzofuran	15.12	168	401921	38.652	ng	99
56) 4-Nitrophenol	14.93	139	127203	76.879	ng	96
57) 2,4-Dinitrotoluene	15.08	165	108091	40.863	ng	96
58) Fluorene	15.77	166	322041	41.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	89785	41.332	ng	98
60) Diethylphthalate	15.53	149	343621	37.661	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	164681	36.275	ng	98
62) 4-Nitroaniline	15.80	138	85617	40.174	ng	94
63) Azobenzene	16.05	77	321096	39.360	ng	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	53855	32.884	ng	90
66) n-Nitrosodiphenylamine	15.97	169	292711	37.368	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	102394	36.029	ng	97
68) Hexachlorobenzene	16.77	284	106423	36.279	ng	98
69) Atrazine	16.91	200	109007	37.750	ng	98
70) Pentachlorophenol	17.11	266	119079	59.769	ng	98
71) Phenanthrene	17.51	178	543786	41.020	ng	99
72) Anthracene	17.61	178	550809	42.151	ng	99
73) Carbazole	17.88	167	505176	38.531	ng	99
74) Di-n-butylphthalate	18.41	149	594352	40.385	ng	99
75) Fluoranthene	19.52	202	644305	42.599	ng	99
77) Benzidine	19.70	184	294946	34.866	ng	99
78) Pyrene	19.89	202	644263	40.873	ng	97
80) Butylbenzylphthalate	20.75	149	276084	40.052	ng	99
81) Benzo(a)anthracene	21.74	228	611708	41.987	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	153642	27.073	ng	99
83) Chrysene	21.81	228	558105	40.038	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	384381	39.102	ng	98
85) Di-n-octyl phthalate	22.84	149	653077	41.065	ng	99
86) Indeno(1,2,3-cd)pyrene	28.89	276	654343	42.266	ng	# 86
88) Benzo(b)fluoranthene	24.02	252	573902	41.246	ng	99
89) Benzo(k)fluoranthene	24.09	252	583977	42.534	ng	98
90) Benzo(a)pyrene	24.91	252	573962	43.163	ng	98
91) Dibenzo(a,h)anthracene	28.96	278	535195	41.830	ng	95
92) Benzo(g,h,i)perylene	30.09	276	527397	41.456	ng	98

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

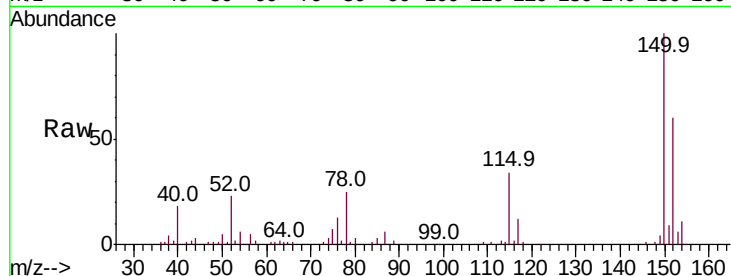


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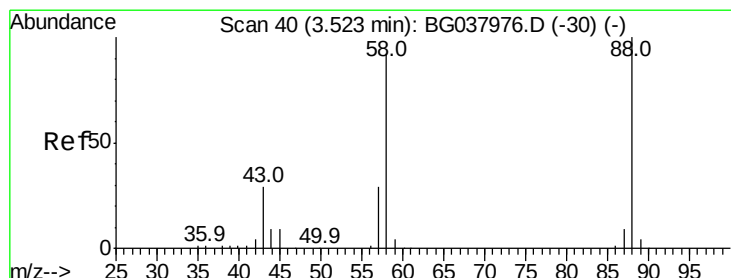
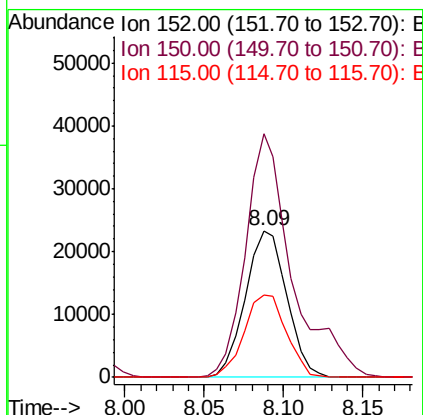
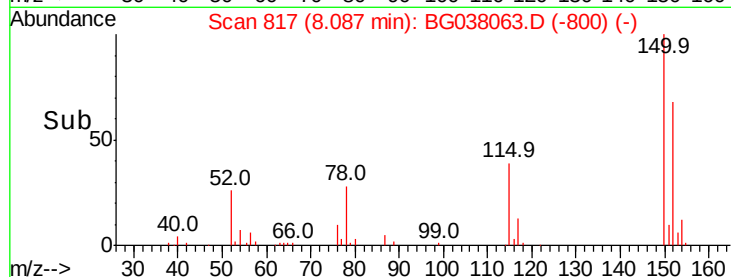
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion:152 Resp: 42282
 Ion Ratio Lower Upper
 152 100
 150 166.1 126.0 189.0
 115 56.4 45.5 68.3



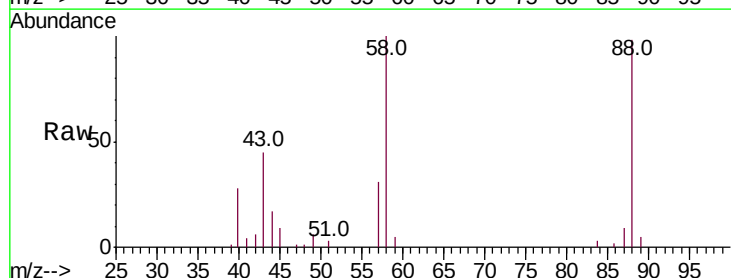
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



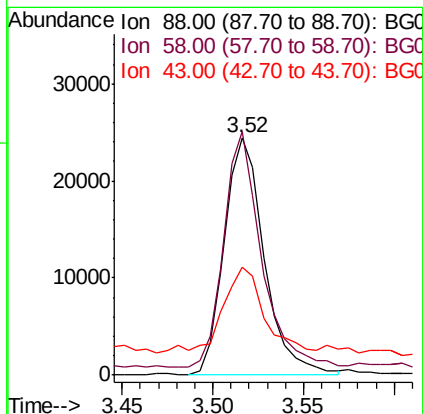
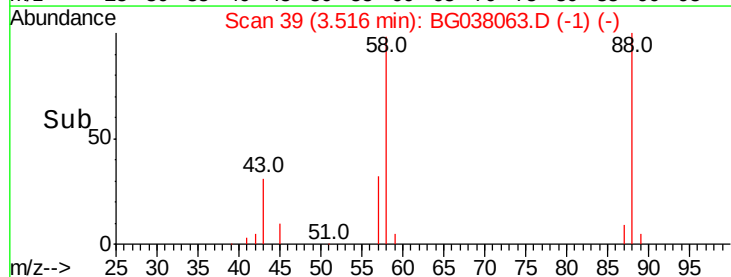
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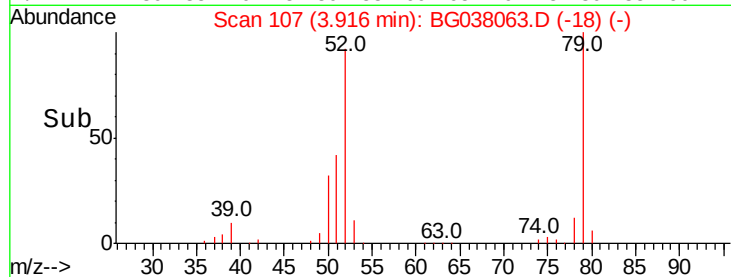
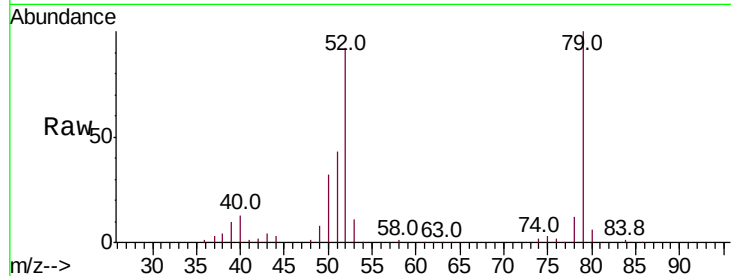
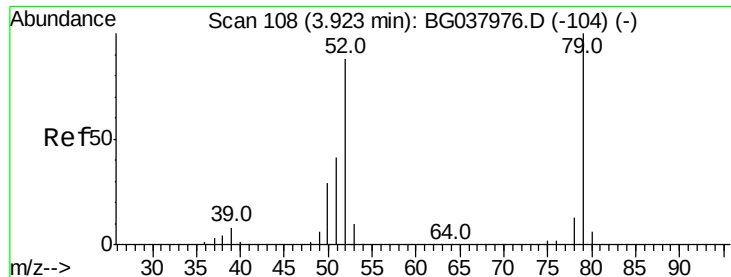
1,4-Dioxane
 Concen: 32.513 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion: 88 Resp: 37608
 Ion Ratio Lower Upper
 88 100
 58 93.1 74.4 111.6
 43 36.8 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: 32.931 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

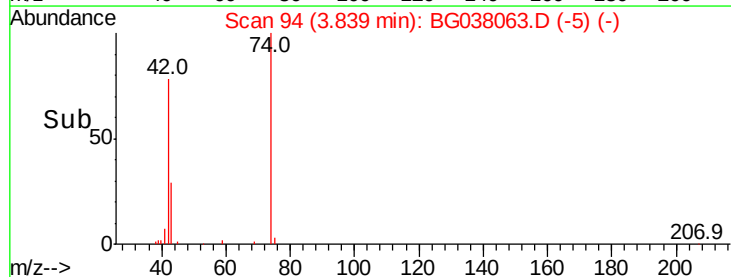
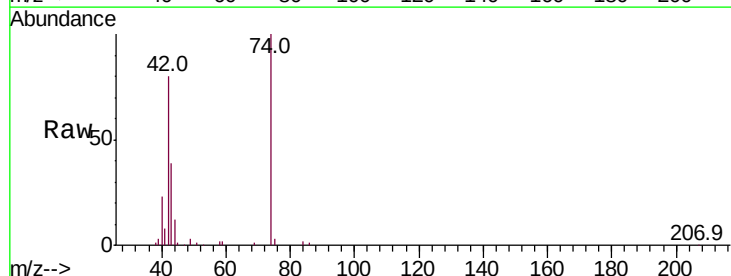
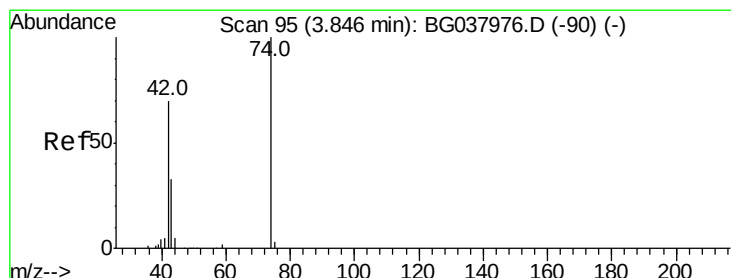
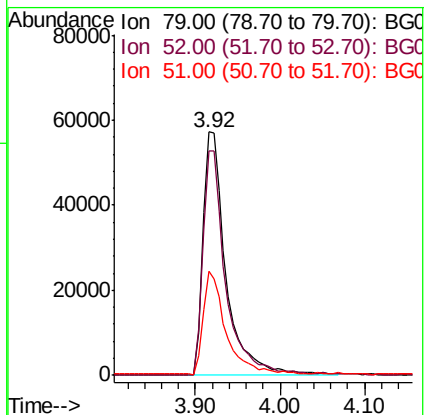
Tot Ion: 79 Resp: 108659

Ion Ratio Lower Upper

79 100

52 92.2 74.2 111.2

51 43.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.034 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

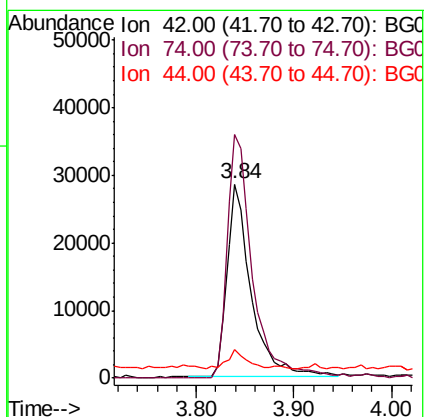
Tgt Ion: 42 Resp: 49121

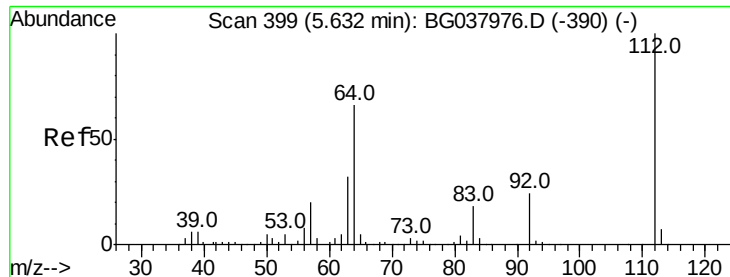
Ion Ratio Lower Upper

42 100

74 125.6 102.0 153.0

44 14.5 9.6 14.4#





#5

2-Fluorophenol

Concen: 128.224 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampled :

PB114891BS

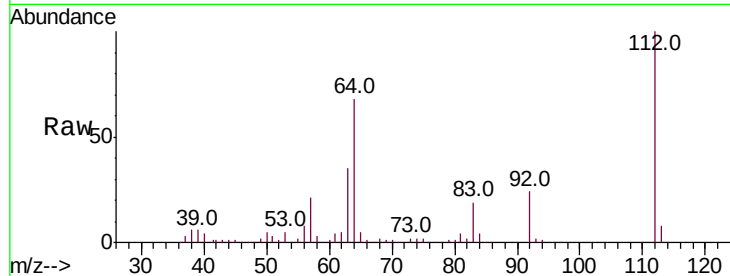
Tot Ion:112 Resp: 314010

Ion Ratio Lower Upper

112 100

64 68.0 53.1 79.7

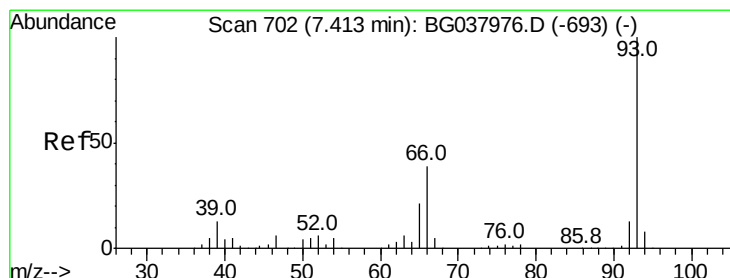
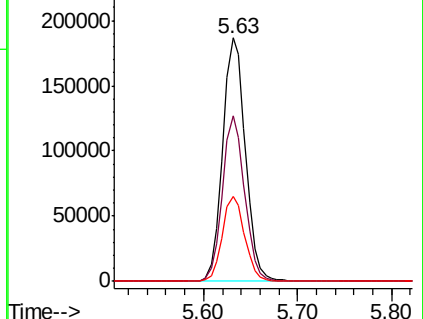
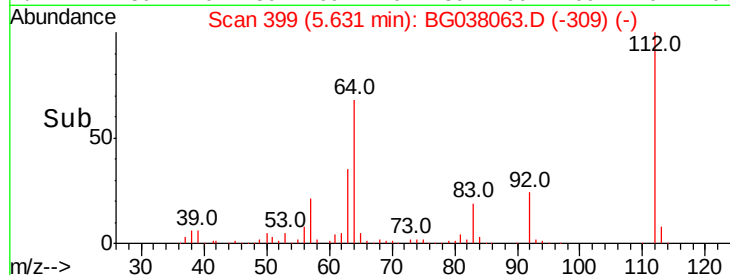
63 35.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.720 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

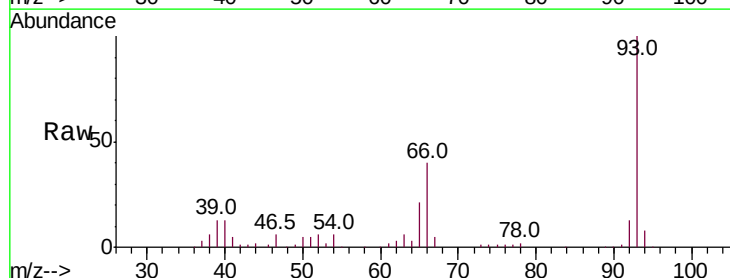
Tgt Ion: 93 Resp: 129576

Ion Ratio Lower Upper

93 100

66 40.1 32.8 49.2

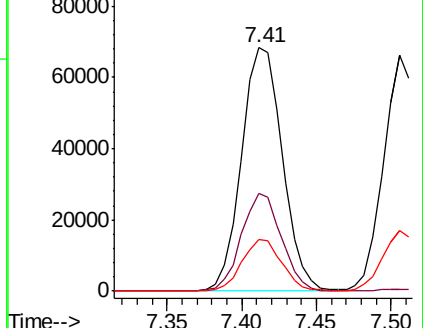
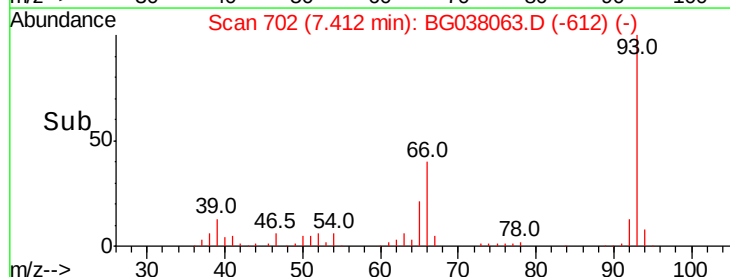
65 21.2 16.4 24.6

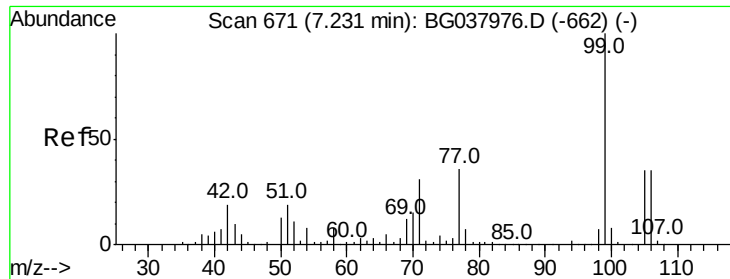


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.379 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

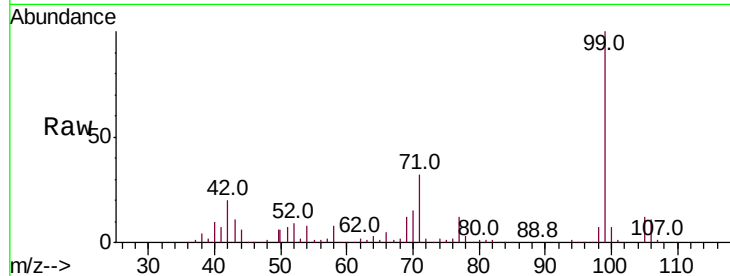
Tot Ion: 99 Resp: 420805

Ion Ratio Lower Upper

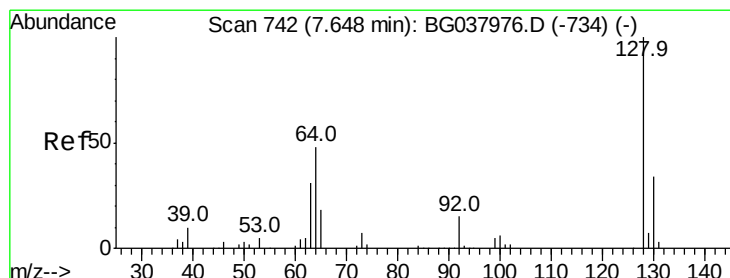
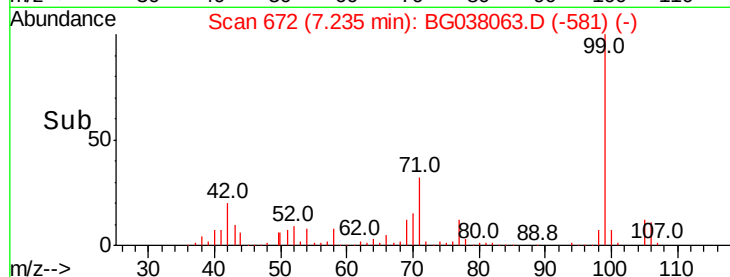
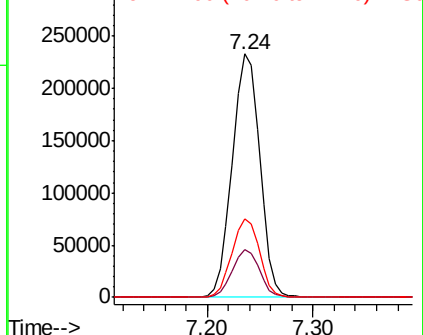
99 100

42 19.6 15.0 22.4

71 32.2 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: 40.258 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

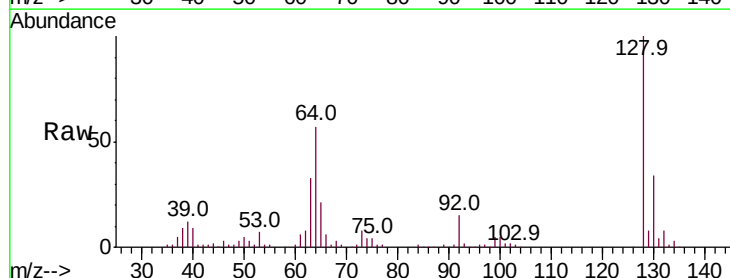
Tgt Ion: 128 Resp: 114396

Ion Ratio Lower Upper

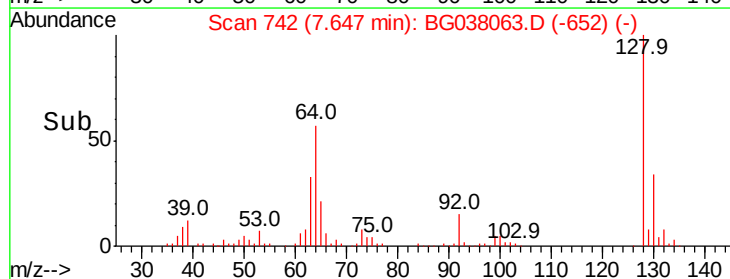
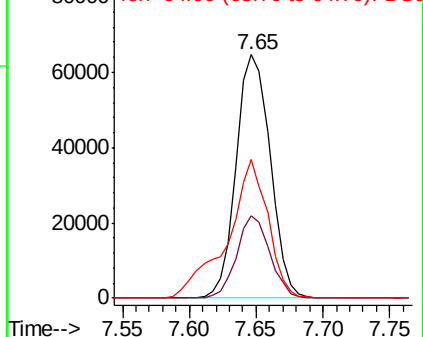
128 100

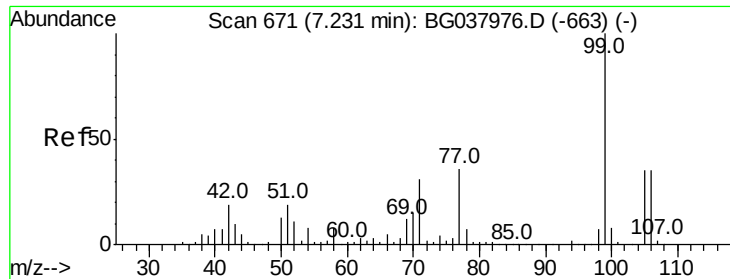
130 33.6 12.0 52.0

64 57.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.968 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

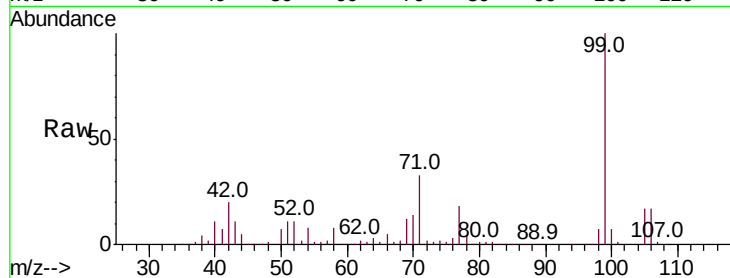
Tot Ion: 77 Resp: 63119

Ion Ratio Lower Upper

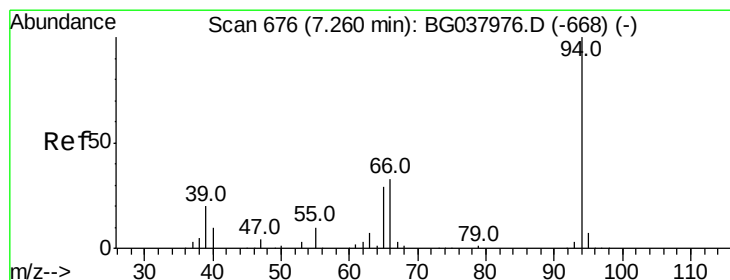
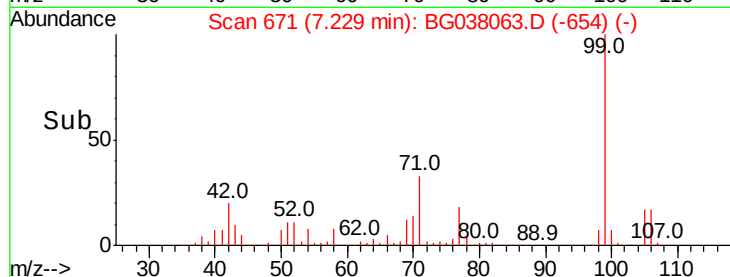
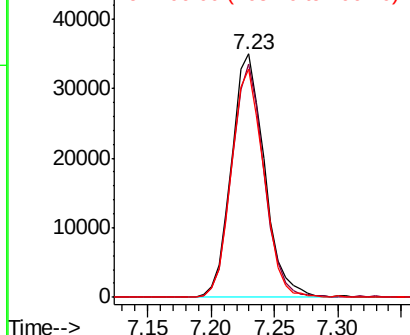
77 100

105 96.0 72.6 112.6

106 93.6 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: 40.406 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

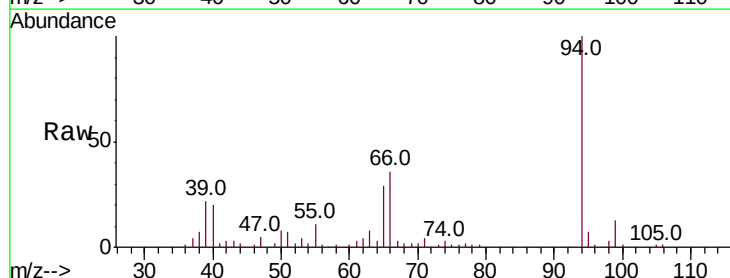
Tgt Ion: 94 Resp: 149612

Ion Ratio Lower Upper

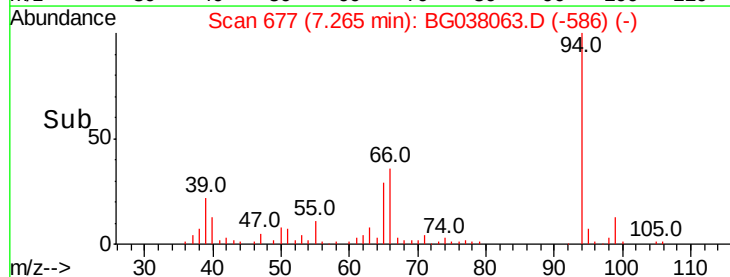
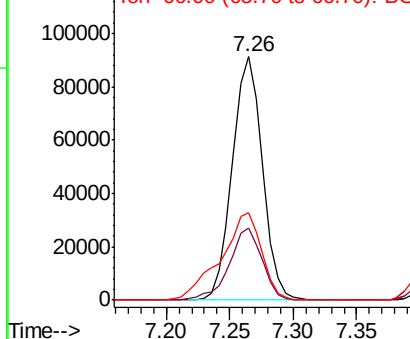
94 100

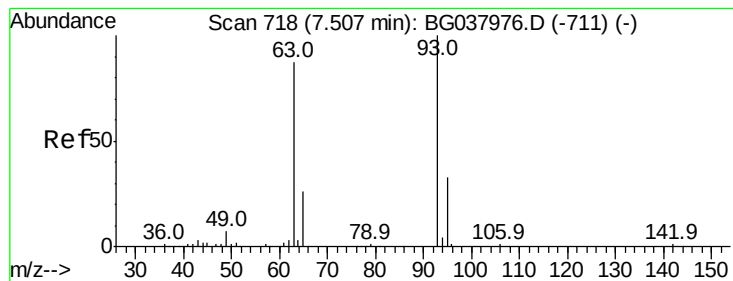
65 29.4 9.7 49.7

66 36.1 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

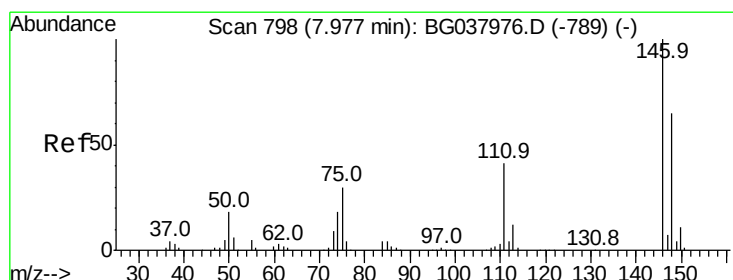
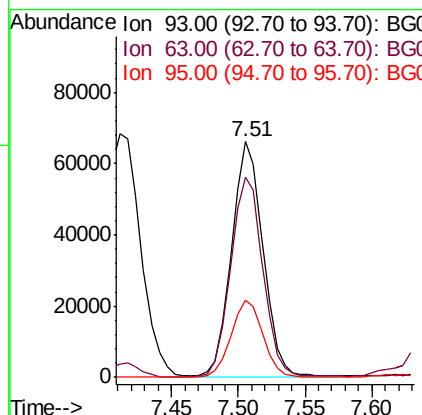
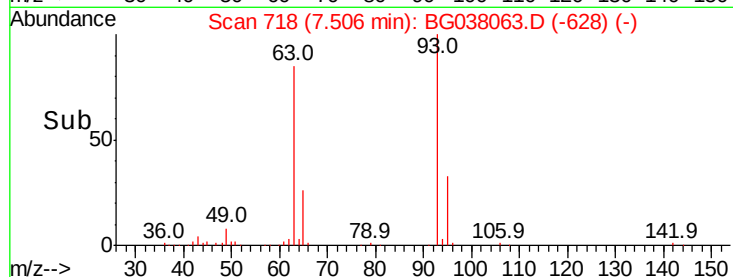
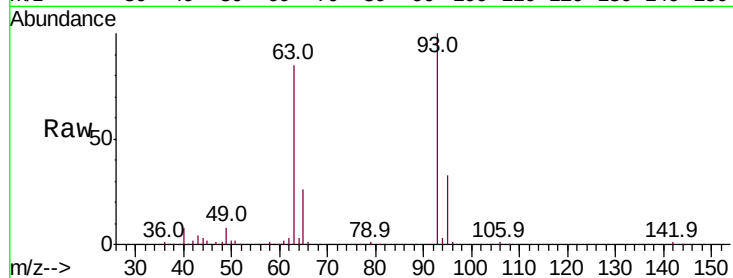




#11
 bis(2-Chloroethyl)ether
 Concen: 36.281 ng
 RT: 7.51 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

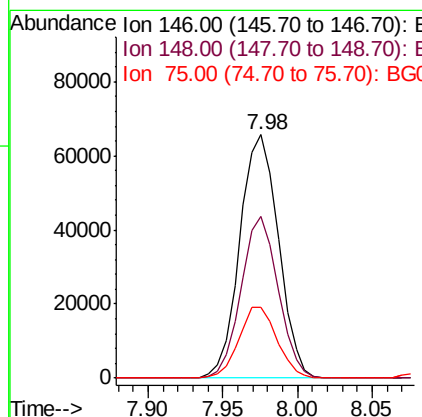
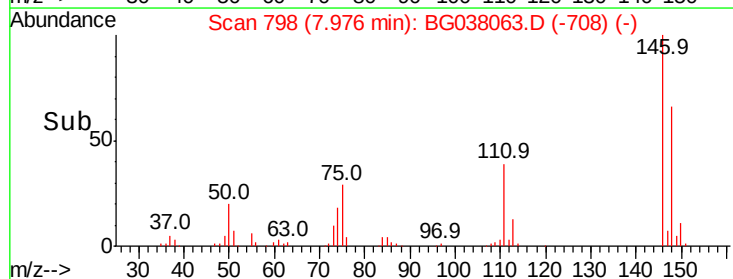
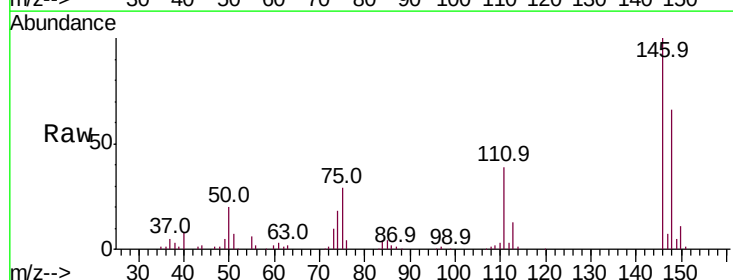
Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

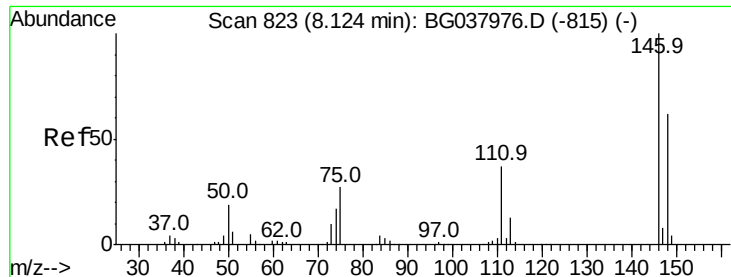
Tot Ion:	93	Resp:	109671
Ion	Ratio	Lower	Upper
93	100		
63	85.1	69.5	109.5
95	32.7	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 36.002 ng
 RT: 7.98 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:	146	Resp:	117852
Ion	Ratio	Lower	Upper
146	100		
148	66.3	49.8	74.8
75	29.3	23.2	34.8

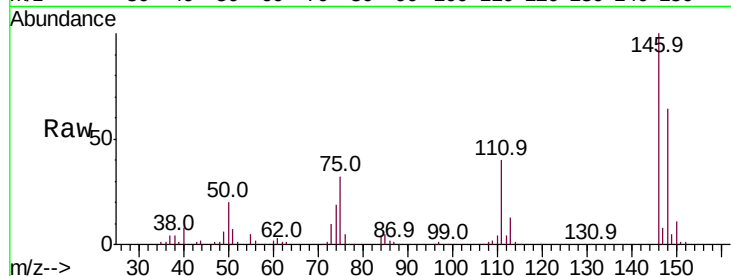




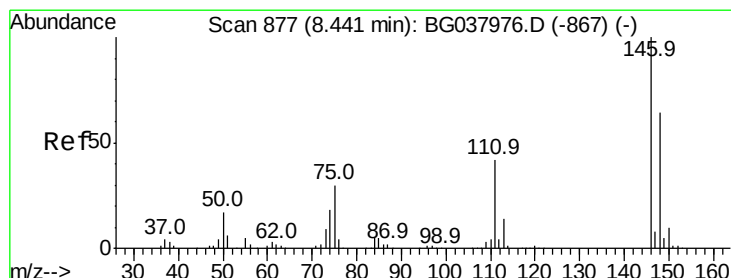
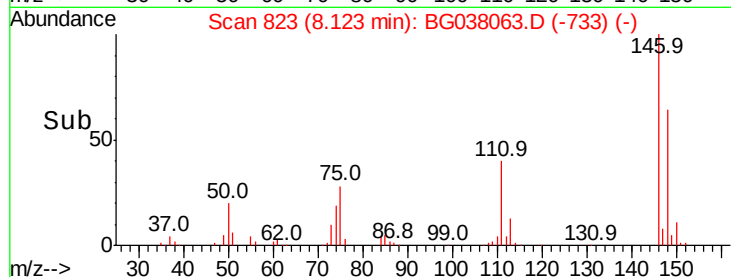
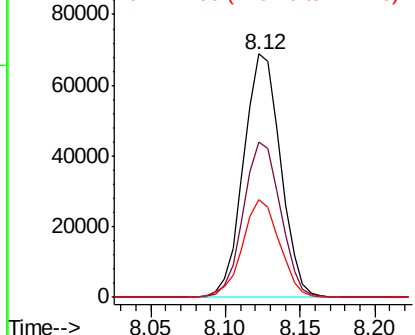
#13
 1,4-Dichlorobenzene
 Concen: 35.673 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion:146 Resp: 117964
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 40.4 32.4 48.6

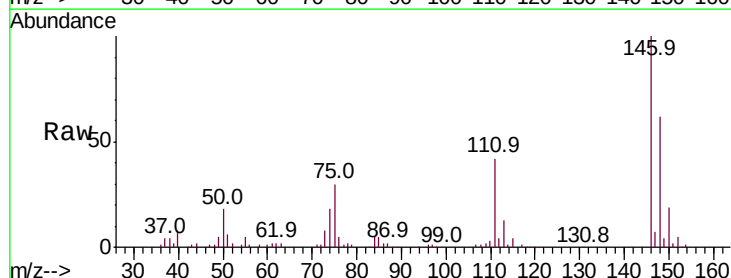


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

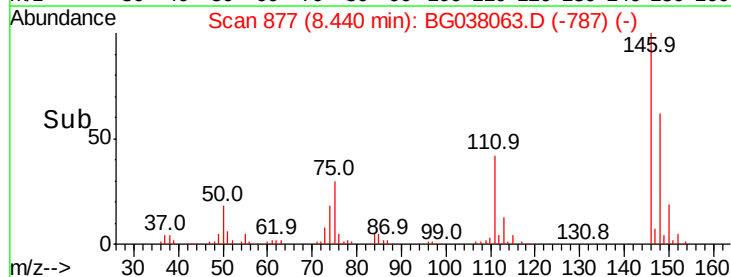
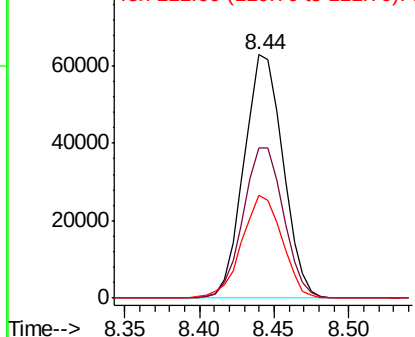


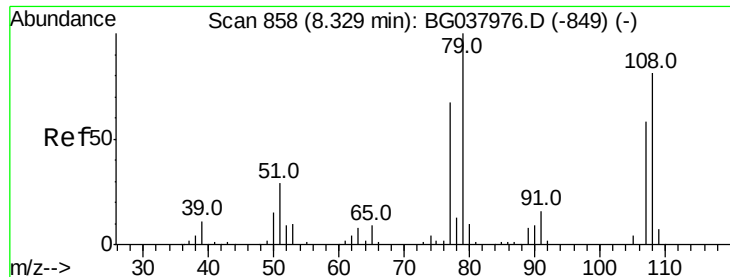
#14
 1,2-Dichlorobenzene
 Concen: 36.147 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:146 Resp: 114120
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.4 75.6
 111 42.5 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: 39.090 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleID :

PB114891BS

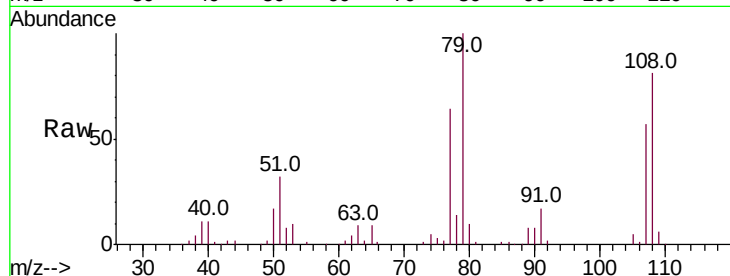
Tot Ion: 79 Resp: 98875

Ion Ratio Lower Upper

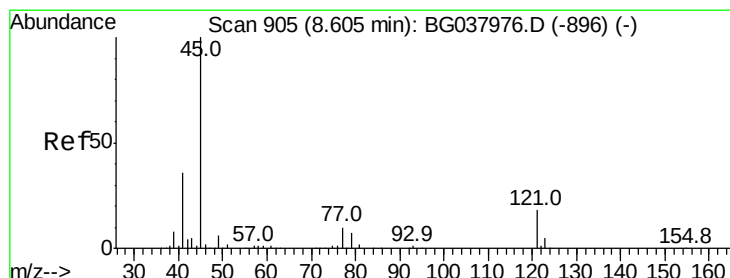
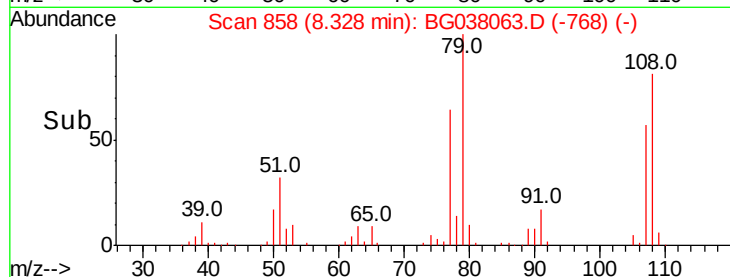
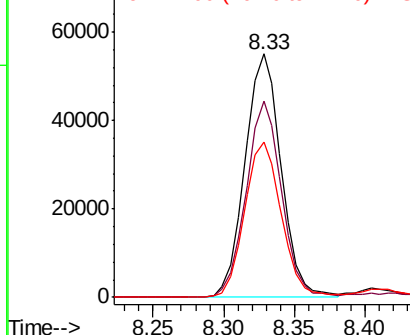
79 100

108 80.6 65.8 98.8

77 63.7 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.019 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

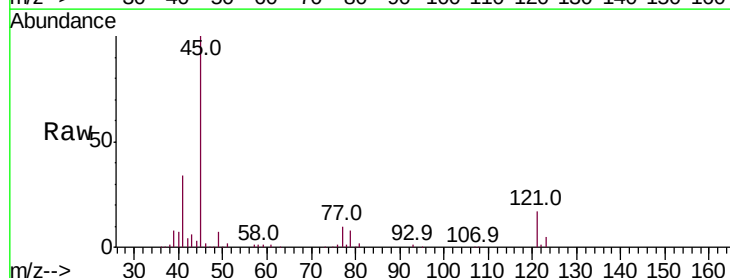
Tgt Ion: 45 Resp: 207789

Ion Ratio Lower Upper

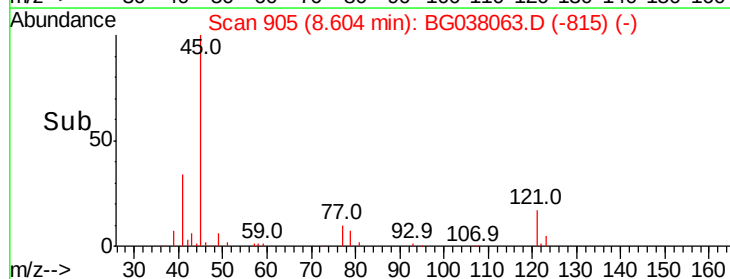
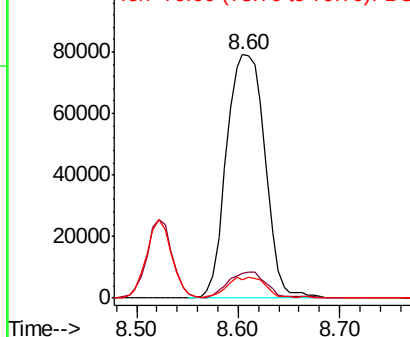
45 100

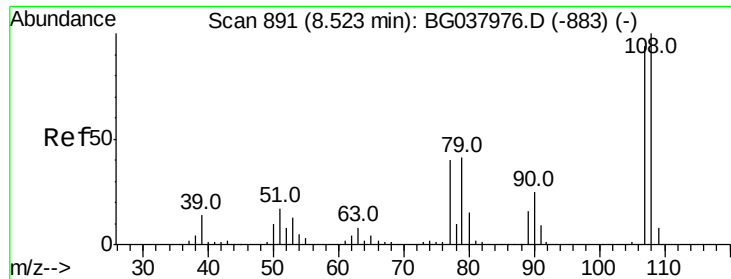
77 10.3 0.0 30.0

79 7.6 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

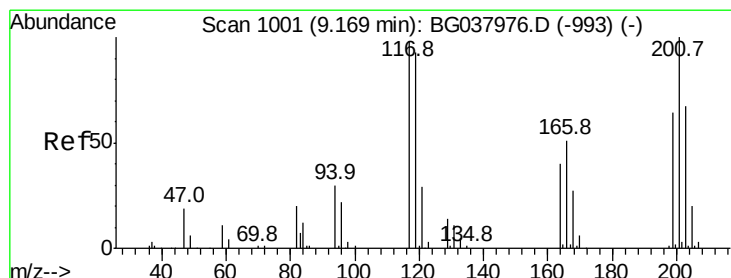
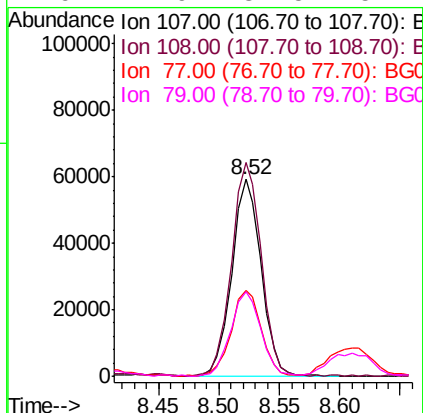
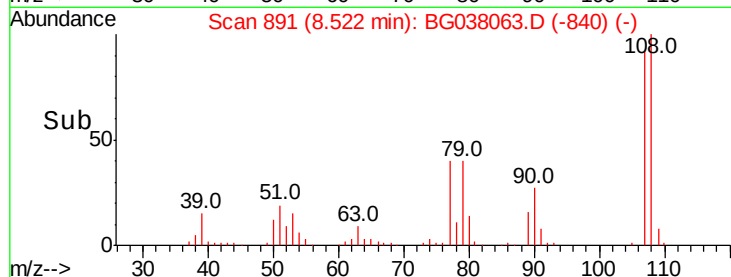
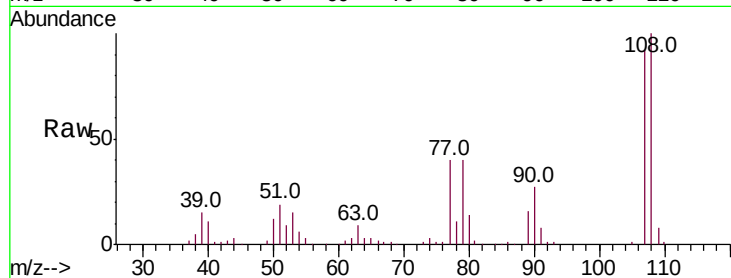




#17
2-Methylphenol
Concen: 40.175 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

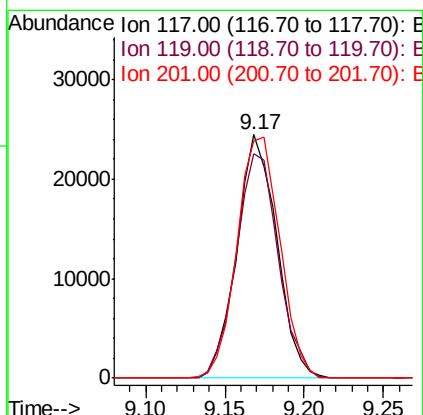
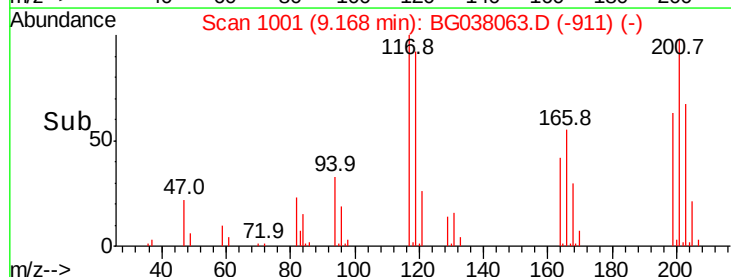
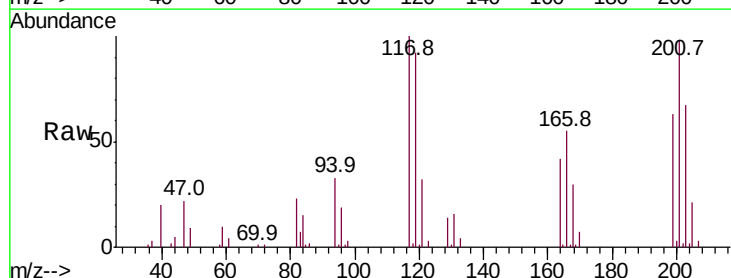
Instrument :
BNA_G
ClientSampleID :
PB114891BS

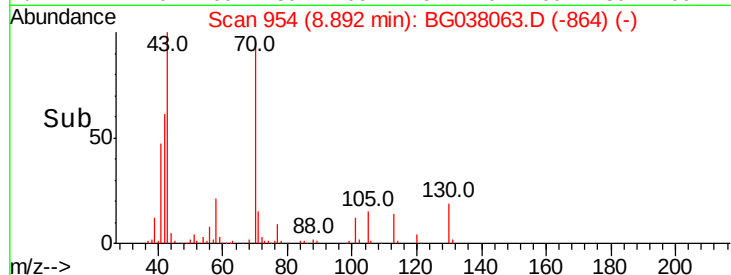
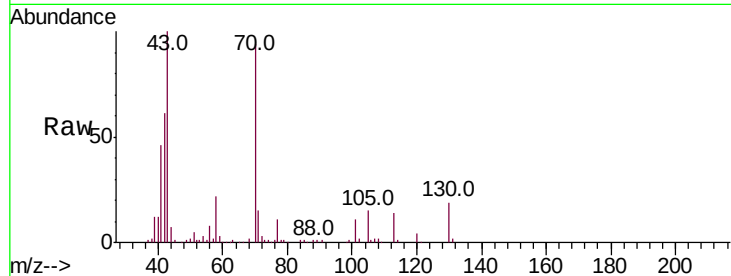
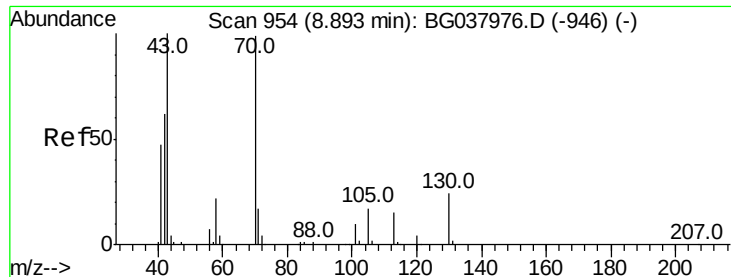
Tot Ion:	107	Resp:	100572
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.9	131.9
77	43.3	35.1	52.7
79	42.9	34.5	51.7



#18
Hexachloroethane
Concen: 35.457 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:	117	Resp:	42671
Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.6	111.8
201	97.5	80.8	121.2

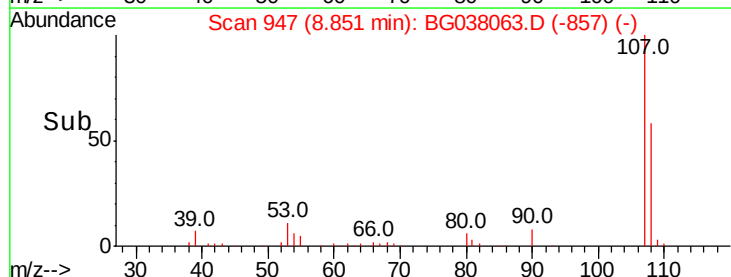
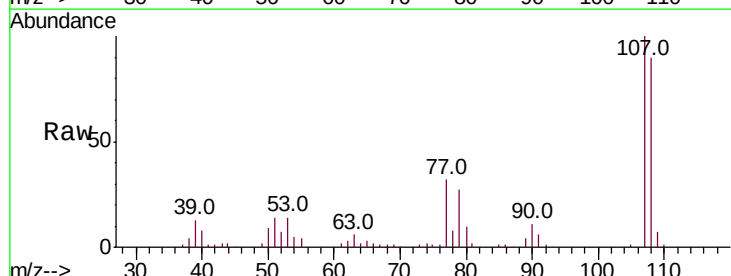
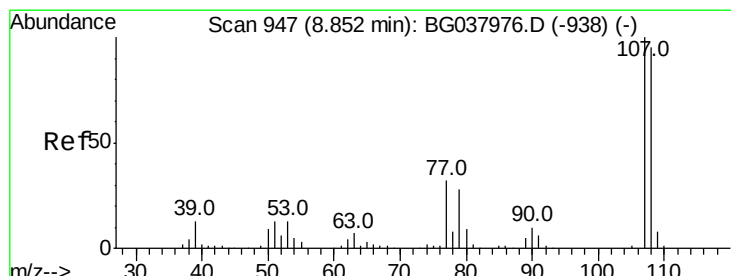
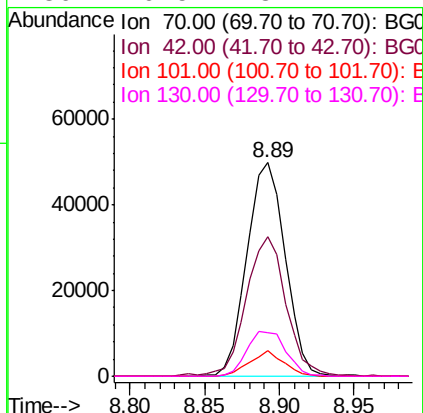




#19
n-Nitroso-di-n-propylamine
Concen: 34.854 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

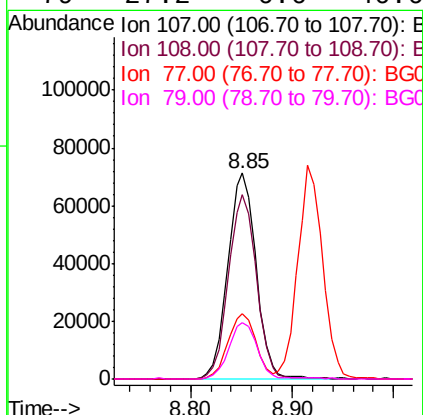
Instrument :
BNA_G
ClientSampleId :
PB114891BS

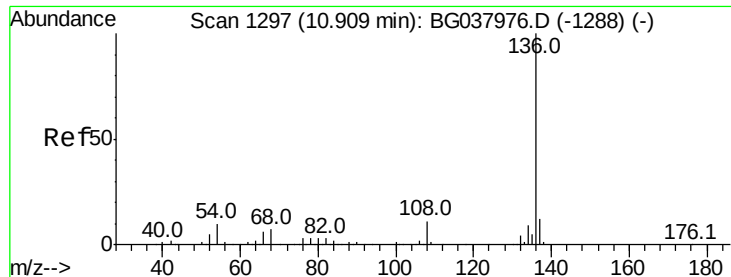
Tot Ion:	70	Resp:	88160
Ion	Ratio	Lower	Upper
70	100		
42	65.2	53.9	80.9
101	12.2	8.2	12.2
130	20.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.852 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:	107	Resp:	137873
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.9	109.9
77	31.8	11.2	51.2
79	27.2	6.6	46.6

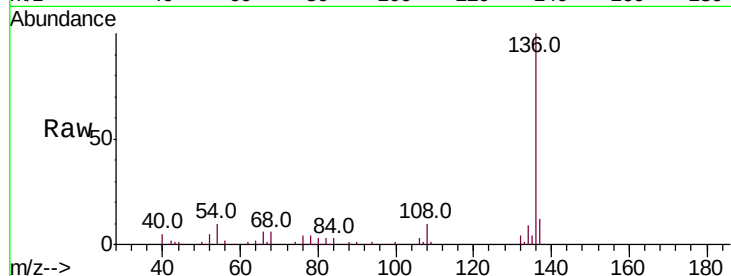




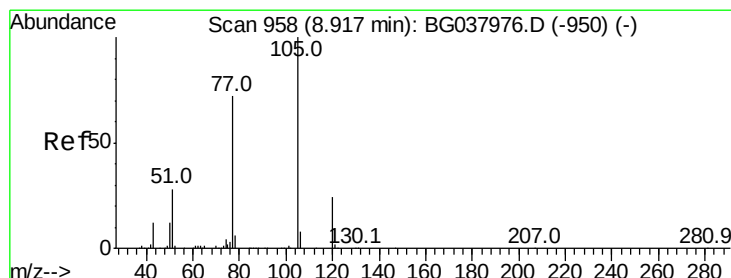
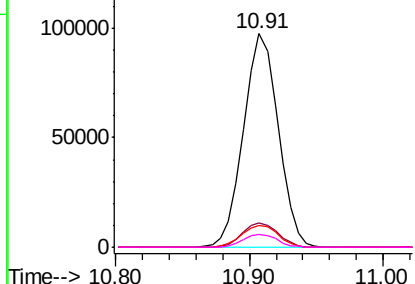
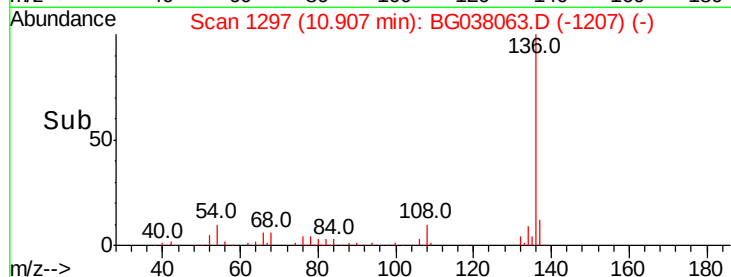
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:	136	Resp:	175483
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.5	7.9	11.9
68	6.1	4.8	7.2

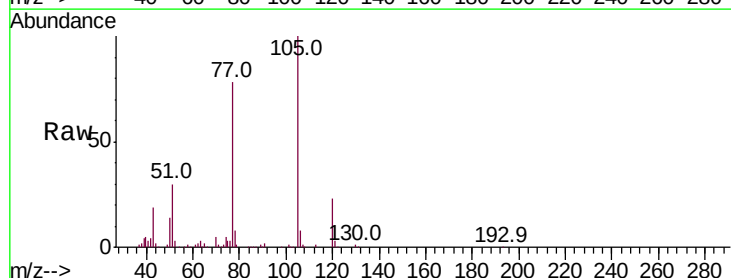


Abundance Ion 136.00 (135.70 to 136.70): E
150000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

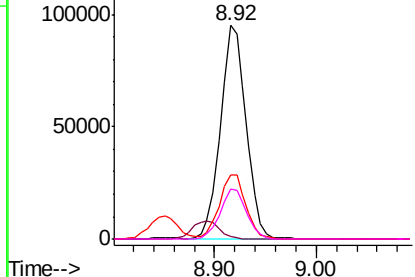
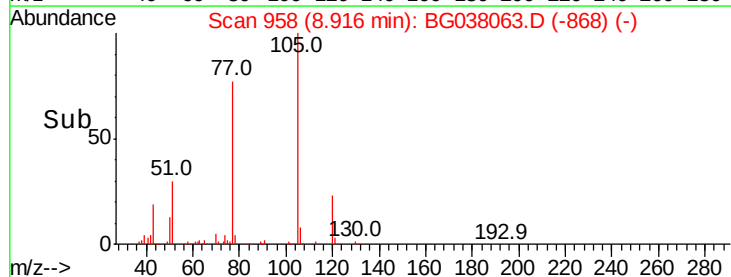


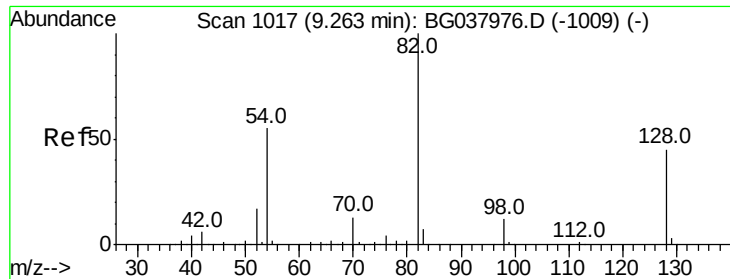
#22
Acetophenone
Concen: 38.218 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:	105	Resp:	166866
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	30.2	25.0	37.6
120	23.3	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
150000 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

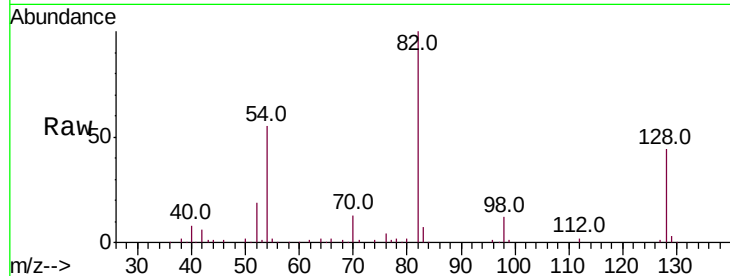




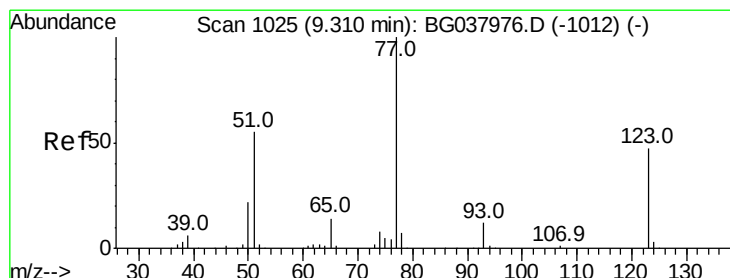
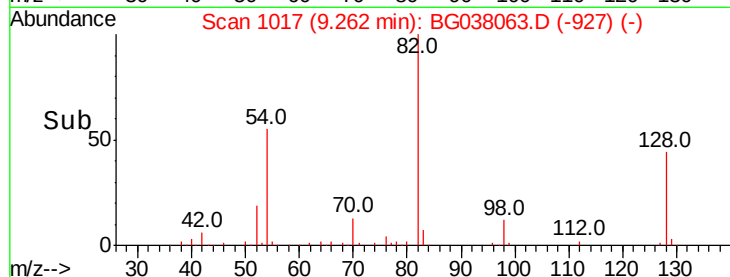
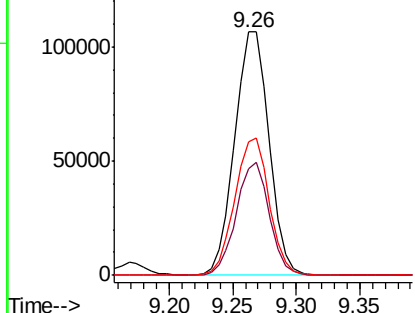
#23
Nitrobenzene-d5
Concen: 61.210 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.8	45.3	67.9

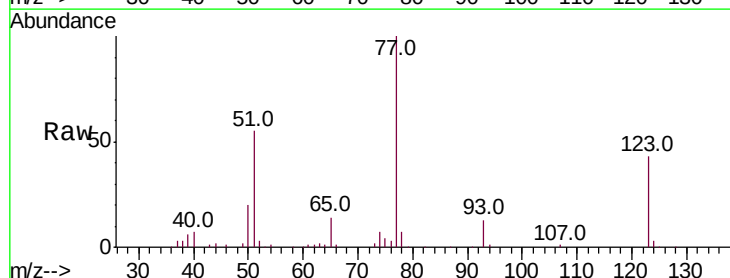


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

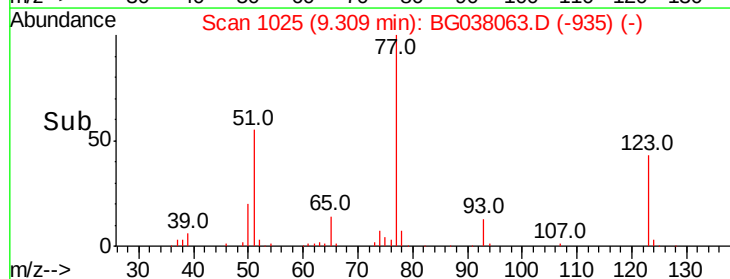
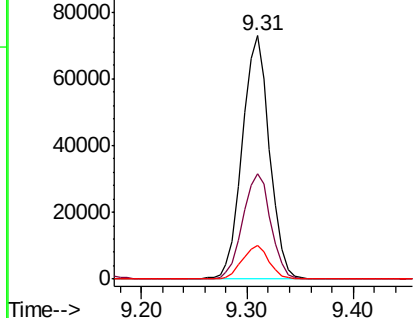


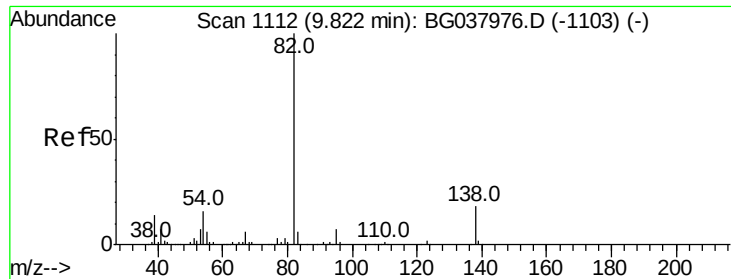
#24
Nitrobenzene
Concen: 38.935 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.6	50.4
65	13.8	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: 41.016 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

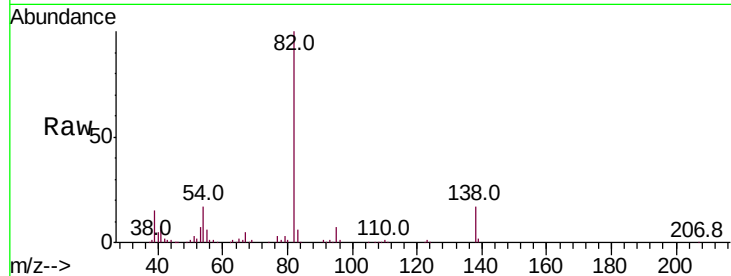
Tot Ion: 82 Resp: 242012

Ion Ratio Lower Upper

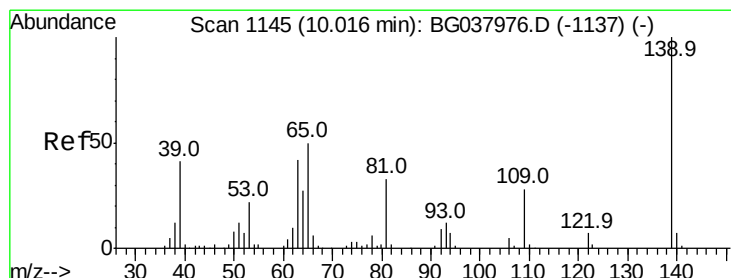
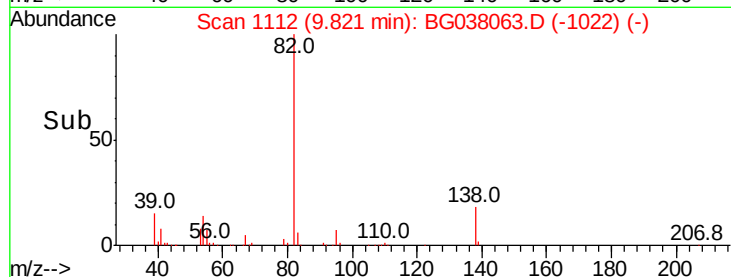
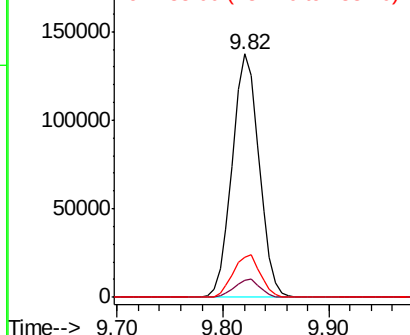
82 100

95 6.8 5.3 7.9

138 16.6 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: 37.156 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

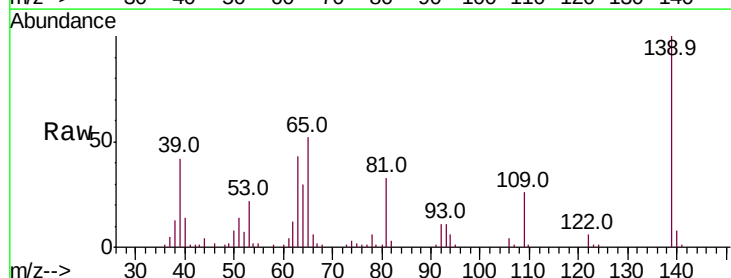
Tgt Ion: 139 Resp: 62205

Ion Ratio Lower Upper

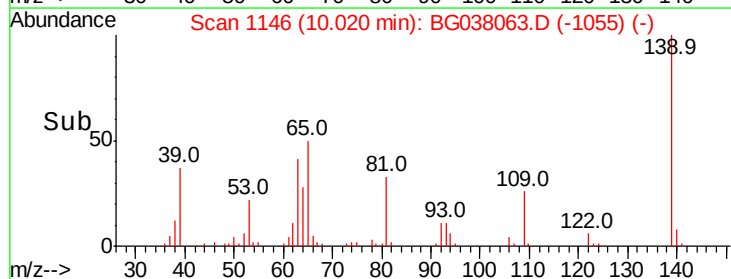
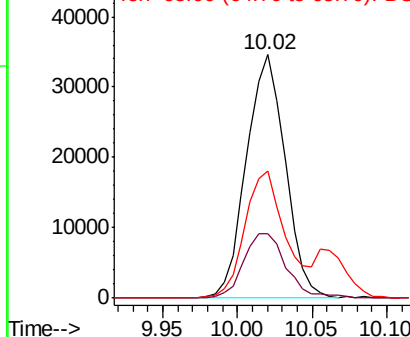
139 100

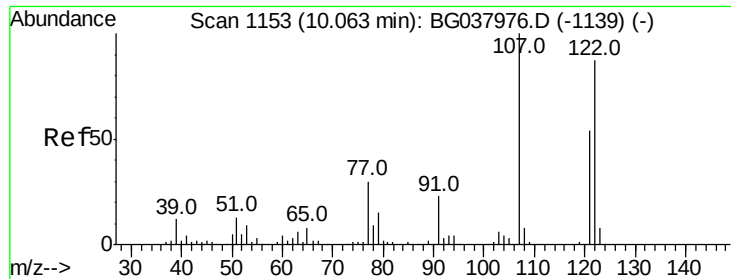
109 26.2 23.3 34.9

65 52.0 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

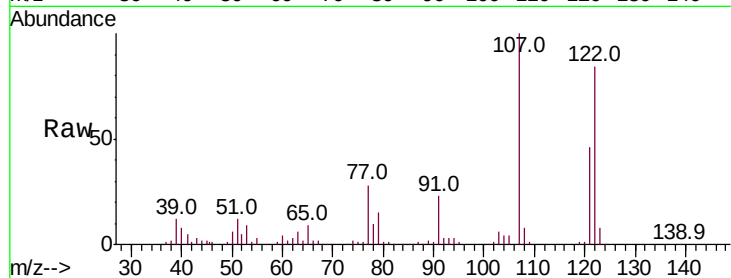




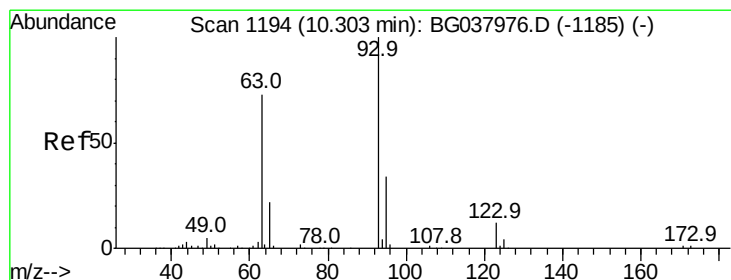
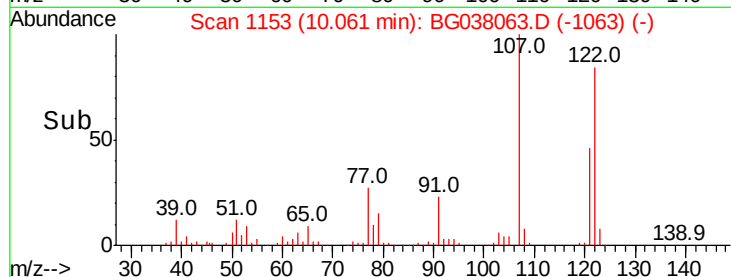
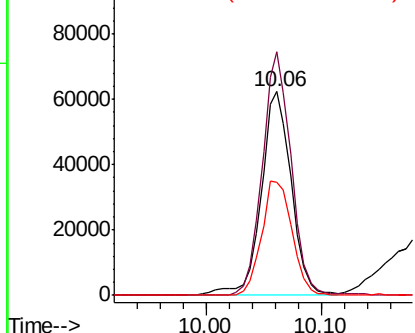
#27
2,4-Dimethylphenol
Concen: 44.972 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:122 Resp: 113437
Ion Ratio Lower Upper
122 100
107 119.7 94.2 141.2
121 55.6 47.3 70.9

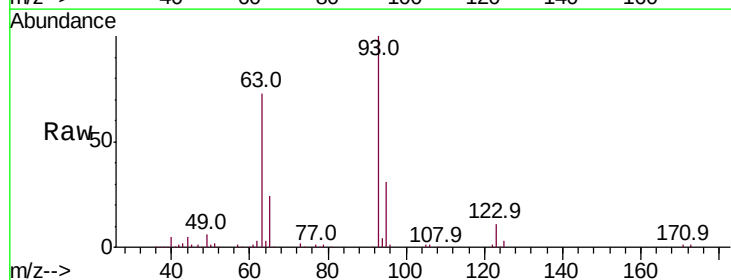


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

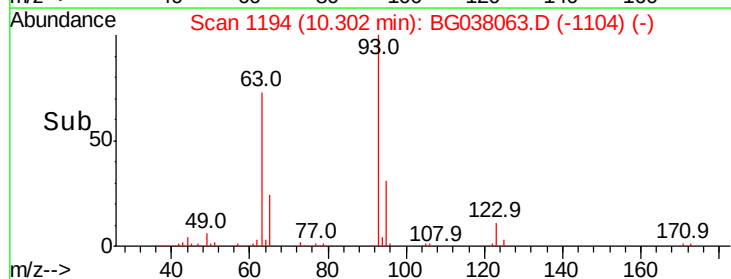
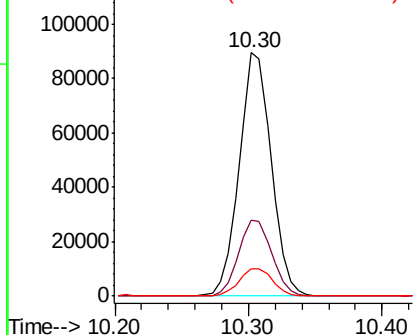


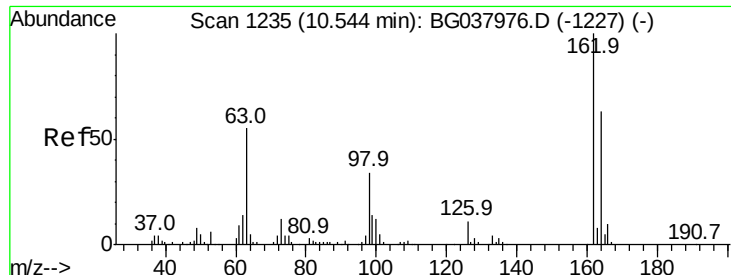
#28
bis(2-Chloroethoxy)methane
Concen: 39.352 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion: 93 Resp: 148475
Ion Ratio Lower Upper
93 100
95 31.1 24.6 37.0
123 11.0 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

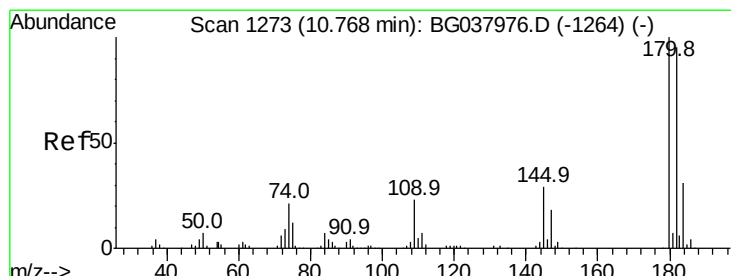
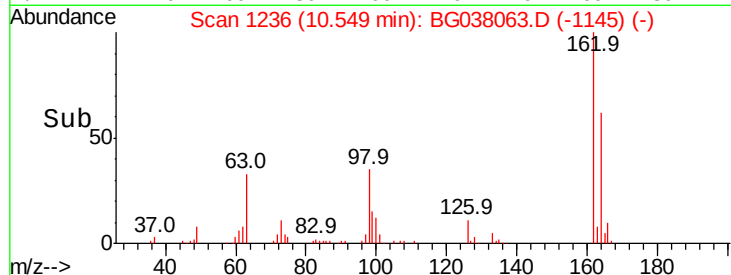
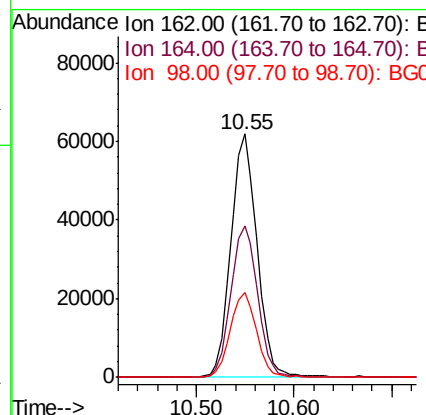
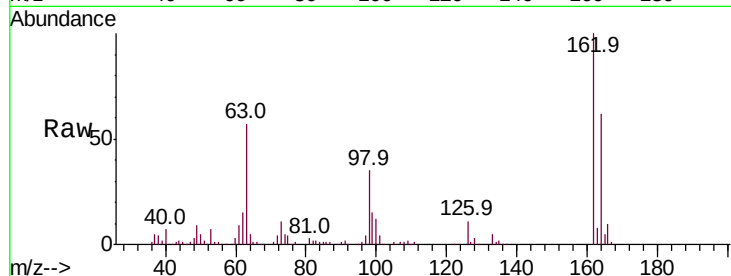




#29
 2,4-Dichlorophenol
 Concen: 40.543 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

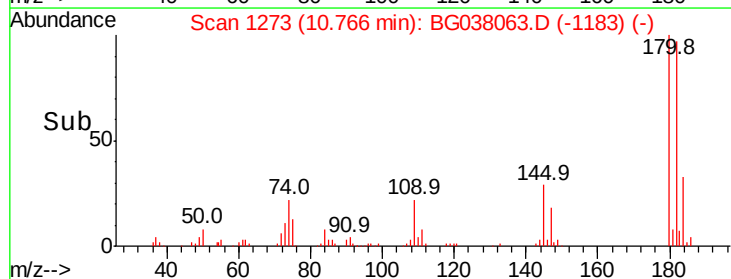
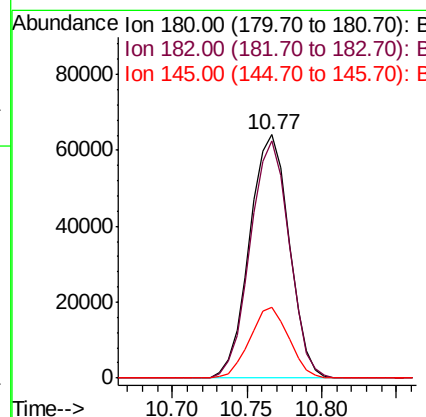
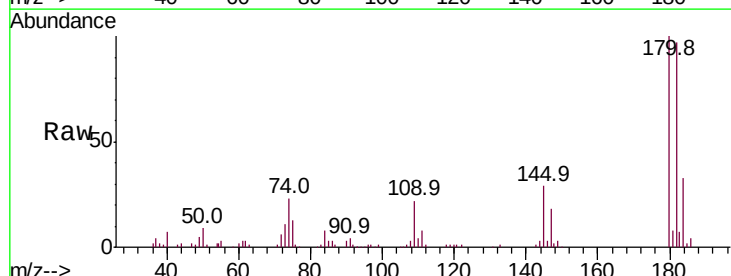
Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

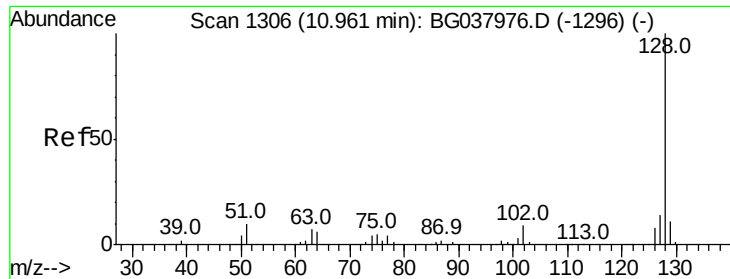
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	43.2	83.2
98	34.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.087 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.7	116.5
145	28.8	23.3	34.9

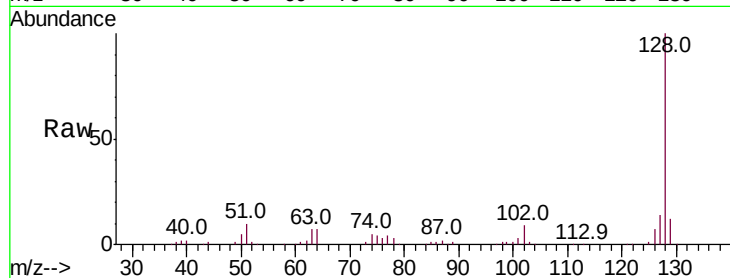




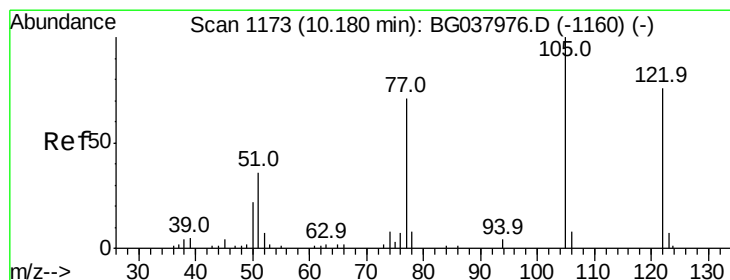
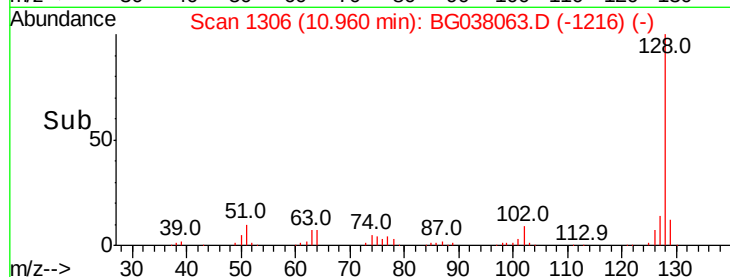
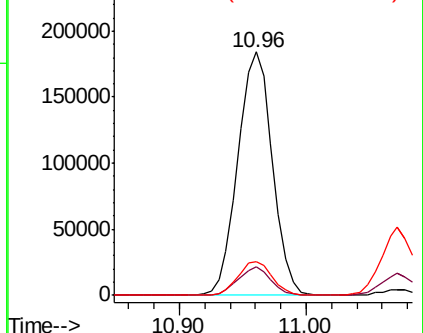
#31
Naphthalene
Concen: 40.181 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:128 Resp: 346807
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.0 11.1 16.7

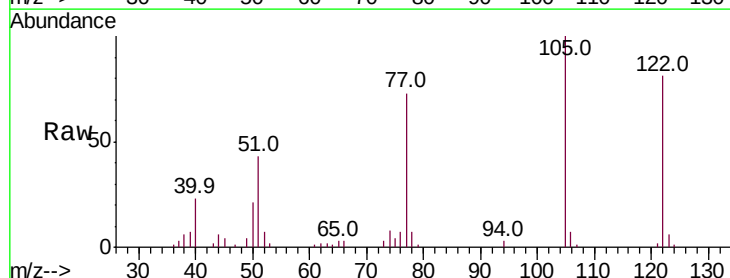


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

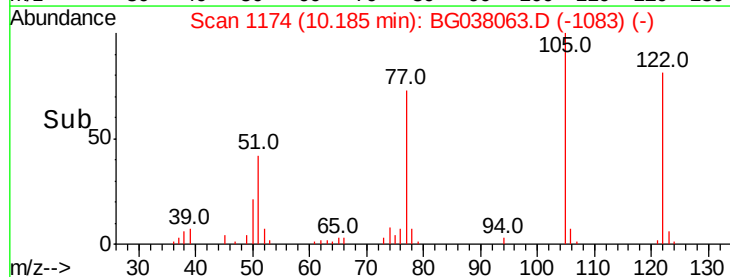
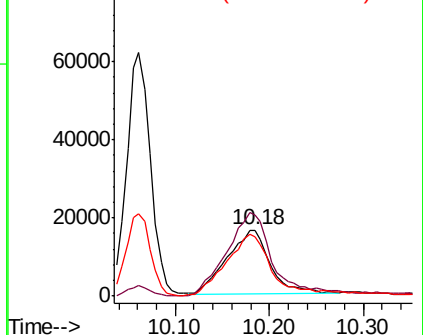


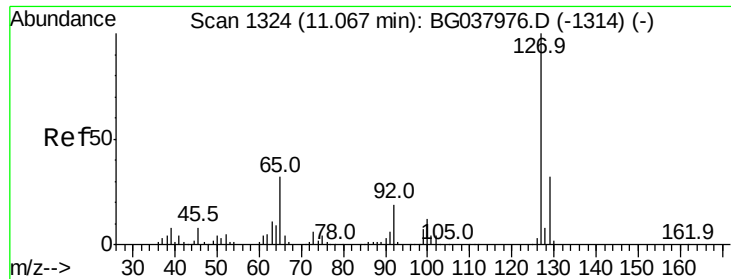
#32
Benzoic acid
Concen: 36.609 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:122 Resp: 53062
Ion Ratio Lower Upper
122 100
105 123.4 106.7 146.7
77 90.2 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

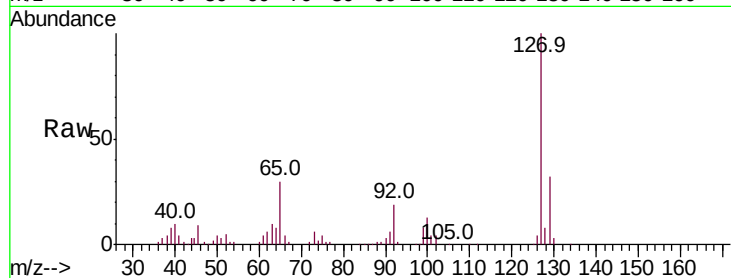




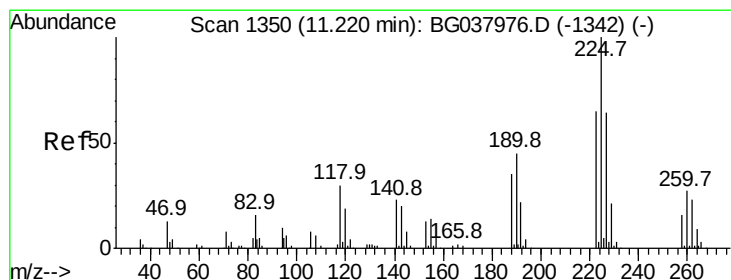
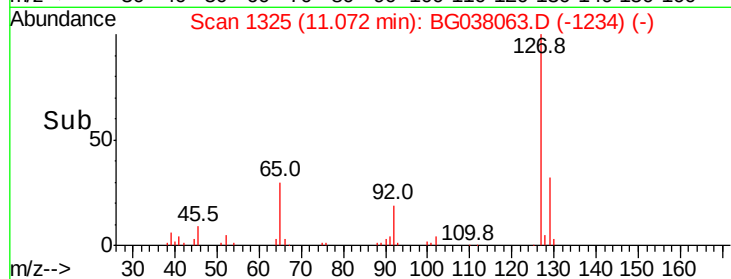
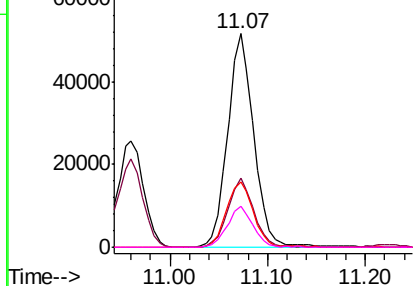
#33
4-Chloroaniline
Concen: 23.823 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:	127	Resp:	95645
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	30.5	26.6	39.8
92	19.2	16.4	24.6

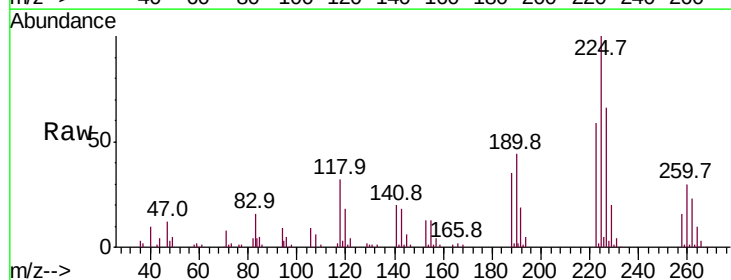


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

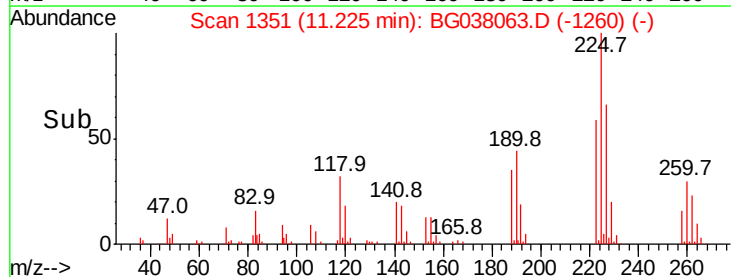
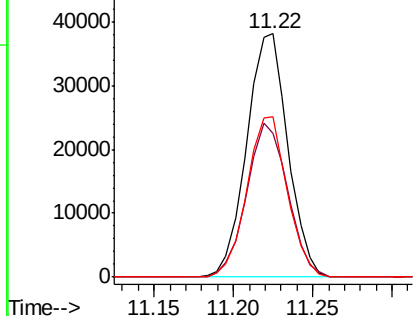


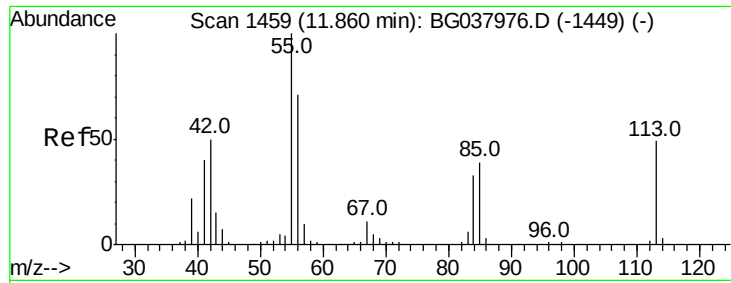
#34
Hexachlorobutadiene
Concen: 35.085 ng
RT: 11.22 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:	225	Resp:	68652
Ion	Ratio	Lower	Upper
225	100		
223	58.4	48.2	72.4
227	65.3	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: 35.624 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

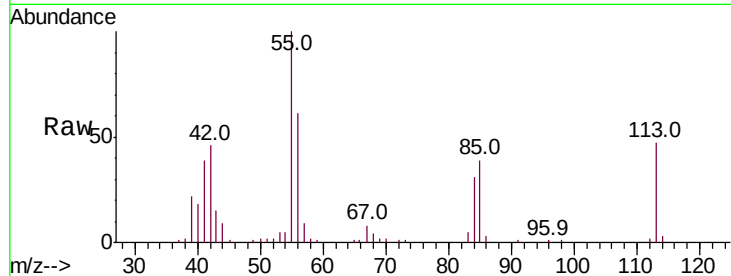
Tot Ion:113 Resp: 40456

Ion Ratio Lower Upper

113 100

55 214.5 176.6 216.6

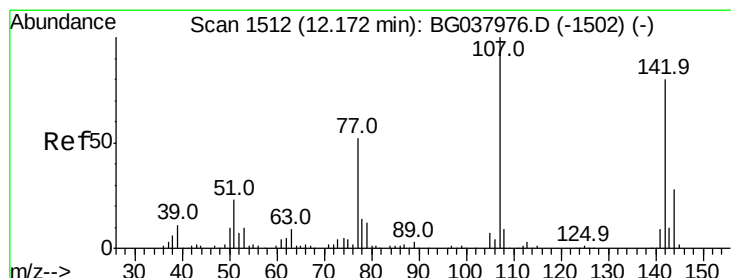
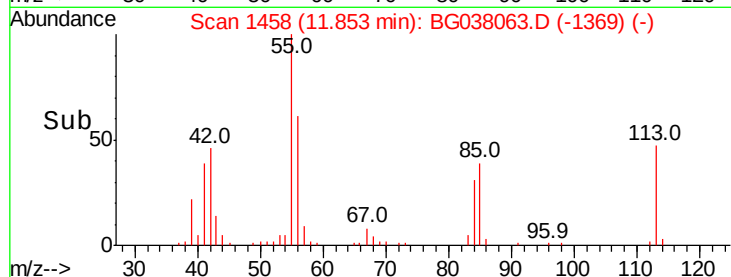
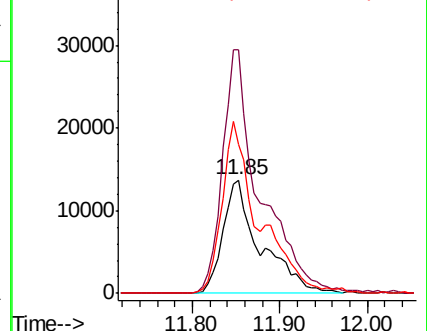
56 130.8 128.3 168.3



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: 39.358 ng

RT: 12.18 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

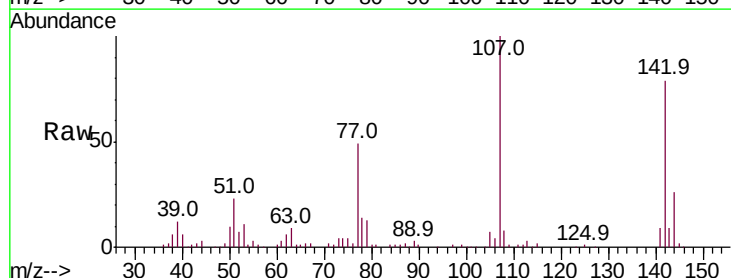
Tgt Ion:107 Resp: 121997

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

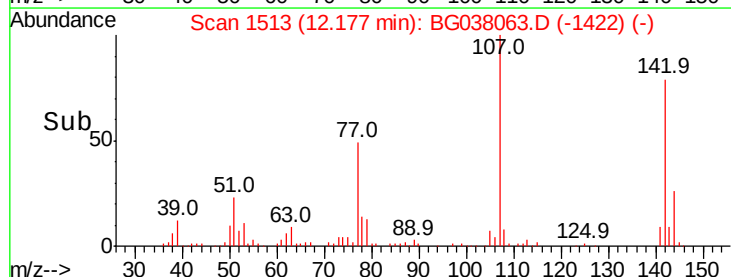
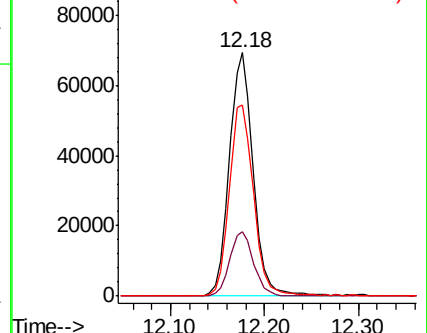
142 78.7 64.4 96.6

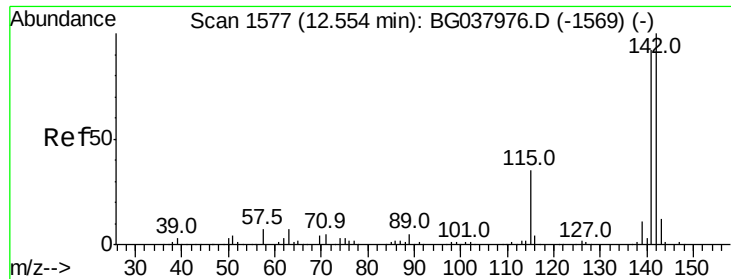


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

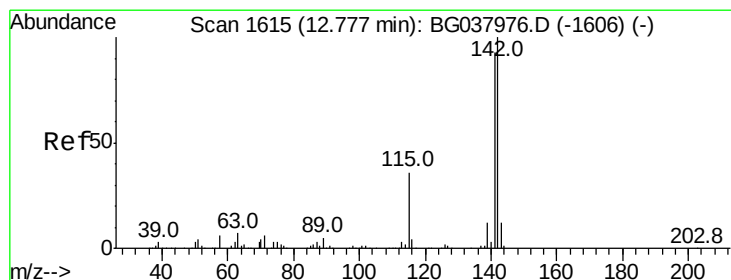
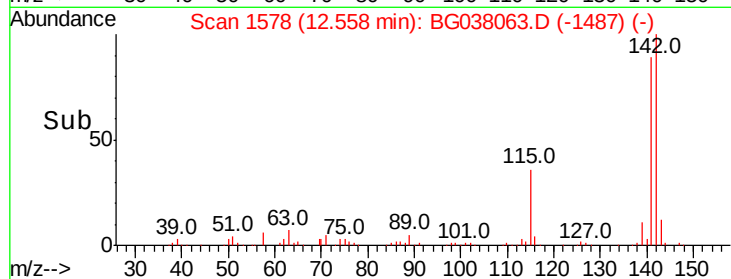
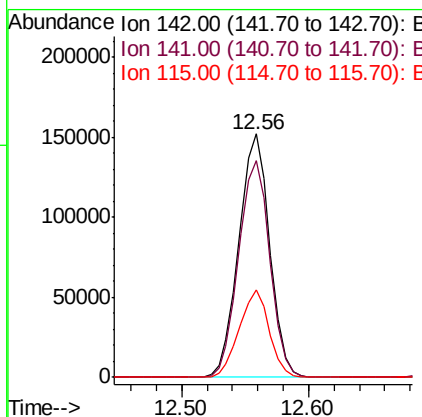
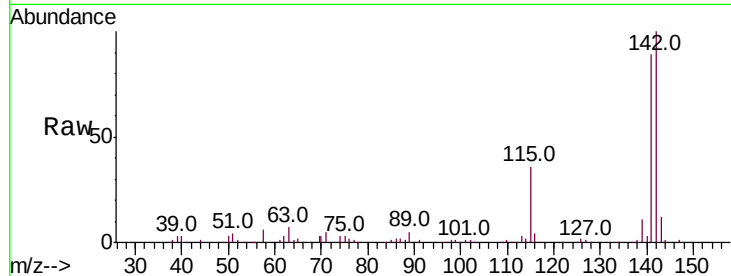




#37
 2-Methylnaphthalene
 Concen: 41.235 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

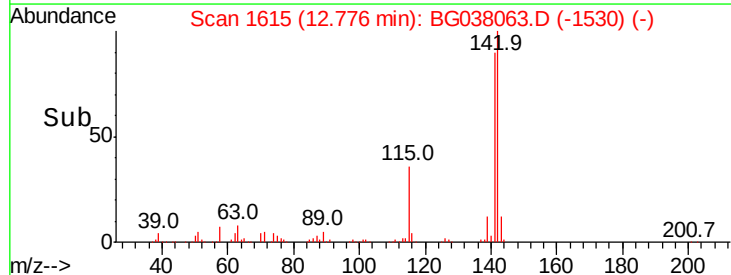
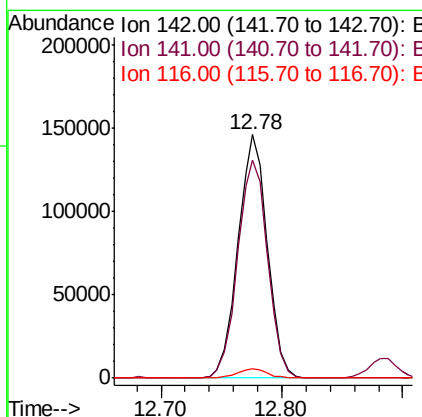
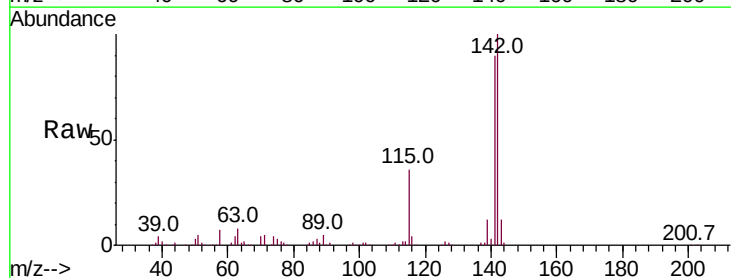
Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

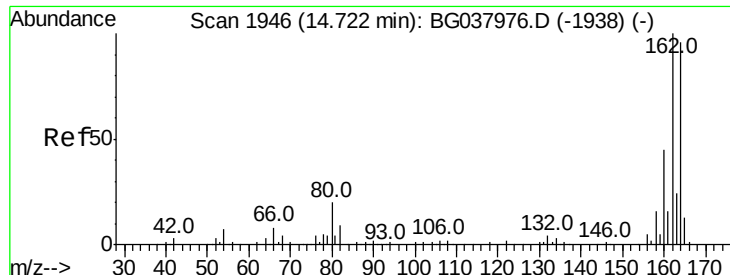
Tot Ion:142 Resp: 255647
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.9 107.9
 115 35.9 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 41.173 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:142 Resp: 245709
 Ion Ratio Lower Upper
 142 100
 141 89.7 75.2 112.8
 116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

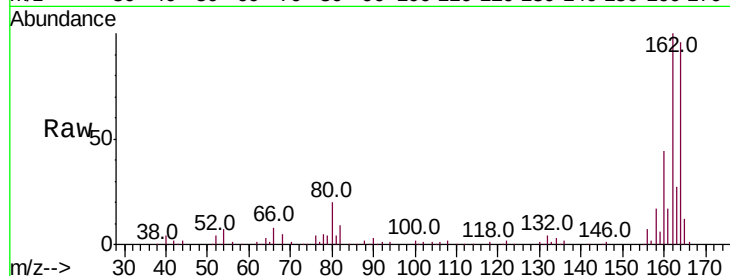
Tot Ion:164 Resp: 108355

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

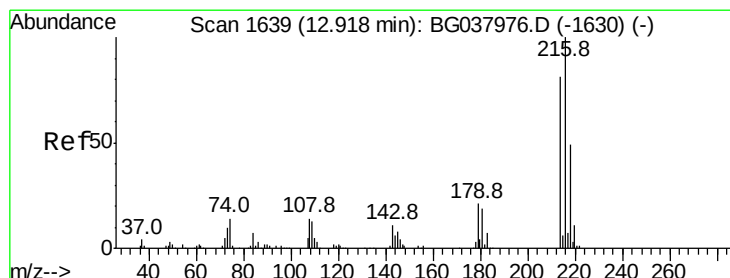
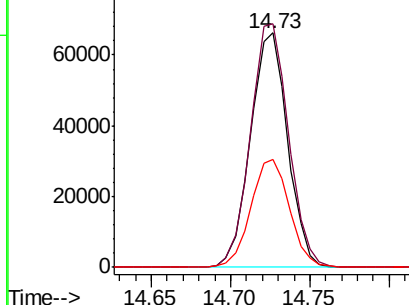
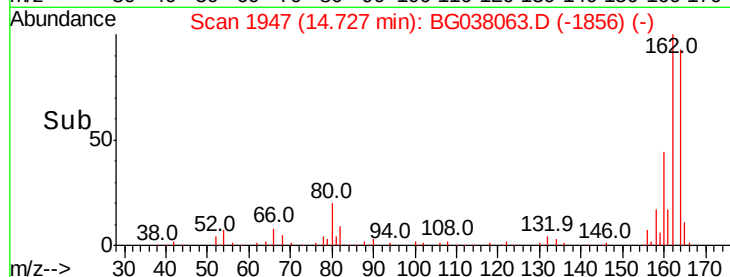
160 46.0 36.3 54.5



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: 36.369 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Tgt Ion:216 Resp: 131683

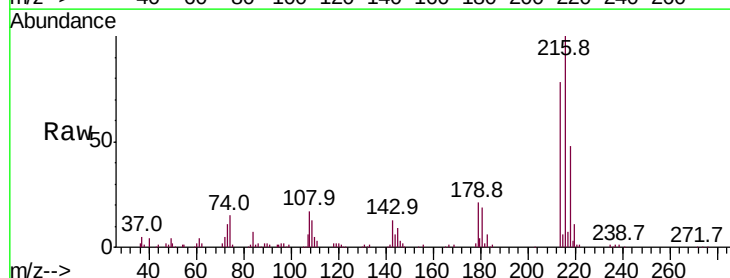
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.9 17.4 26.0

108 20.2 13.9 20.9

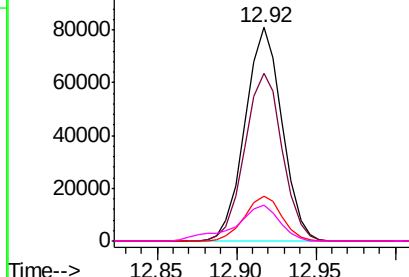
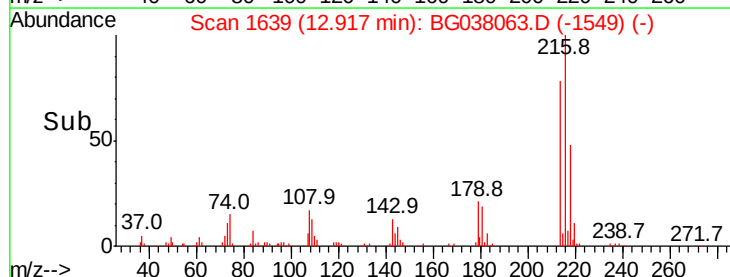


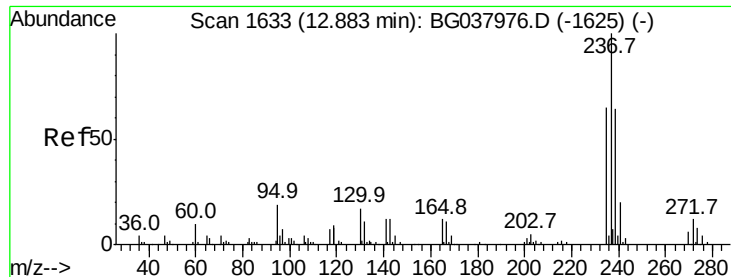
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.139 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

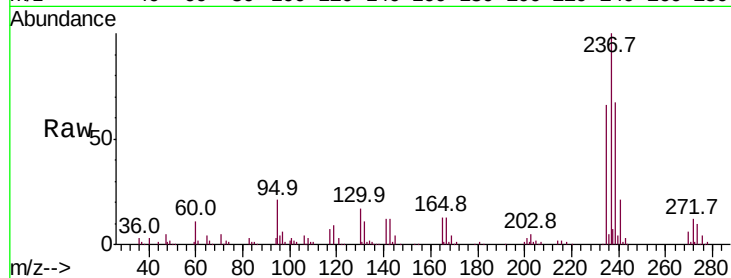
Tot Ion:237 Resp: 167007

Ion Ratio Lower Upper

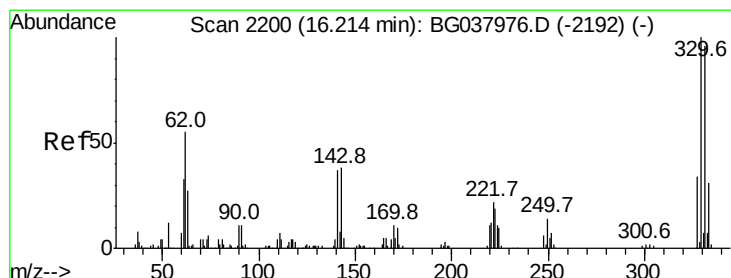
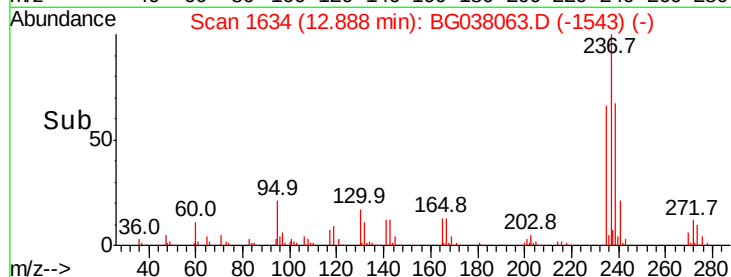
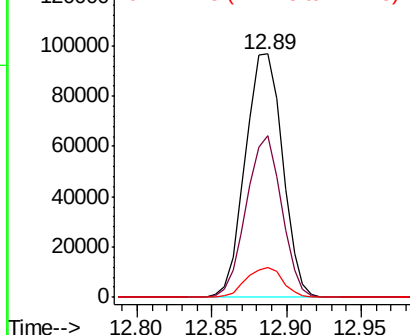
237 100

235 66.4 42.5 82.5

272 12.3 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: 116.488 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

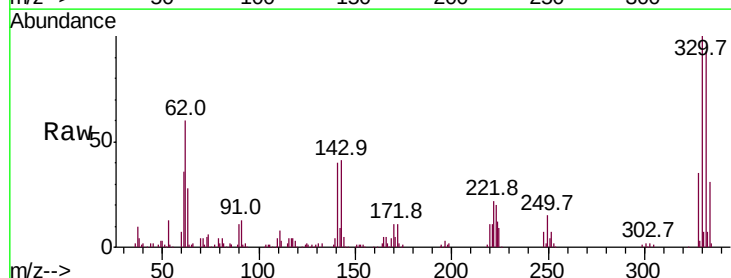
Tgt Ion:330 Resp: 143952

Ion Ratio Lower Upper

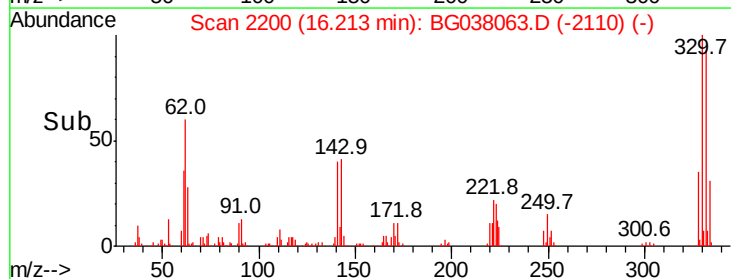
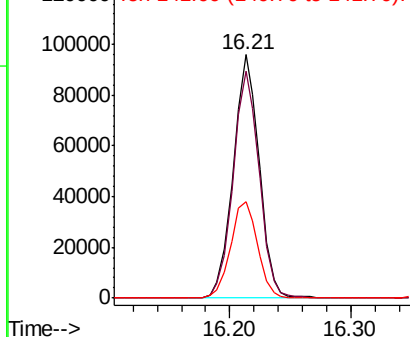
330 100

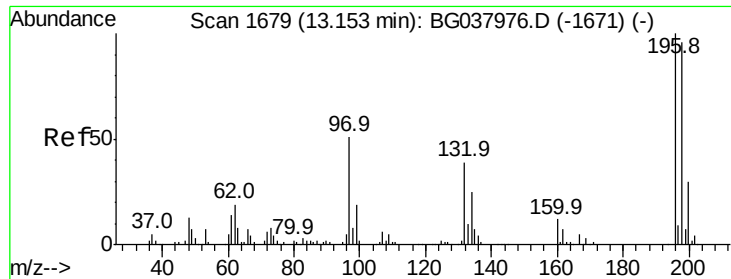
332 93.9 78.4 117.6

141 41.1 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

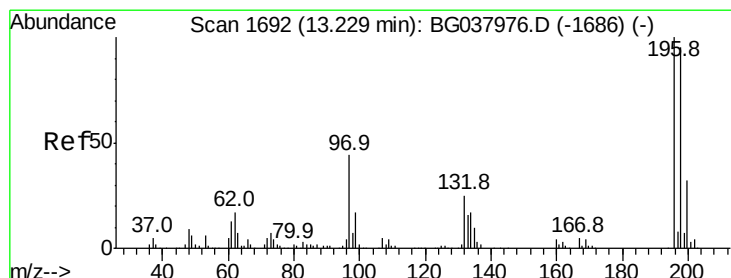
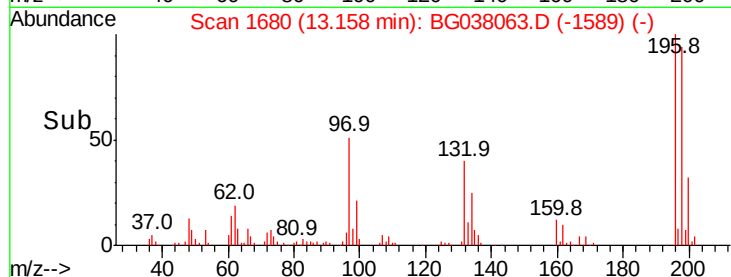
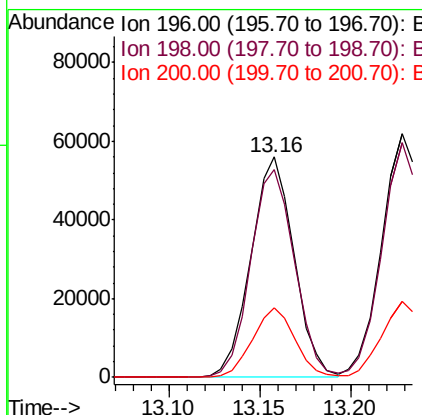
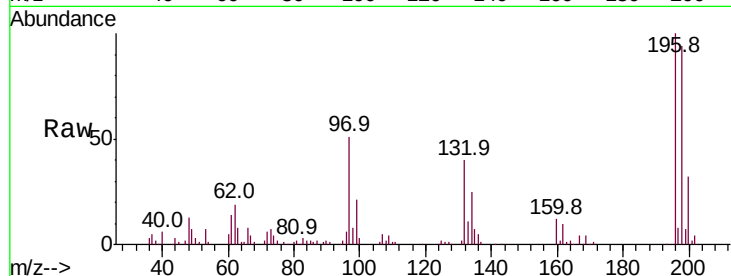




#43
 2,4,6-Trichlorophenol
 Concen: 37.604 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

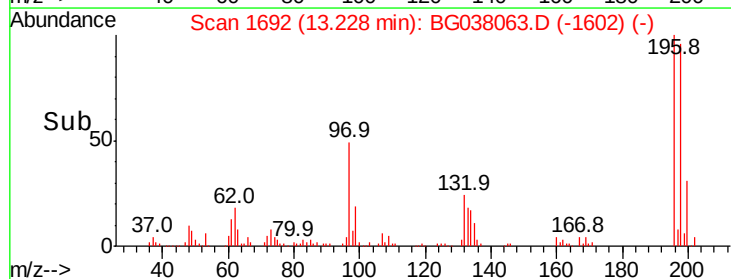
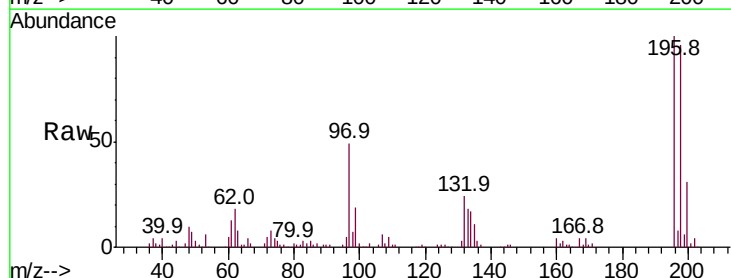
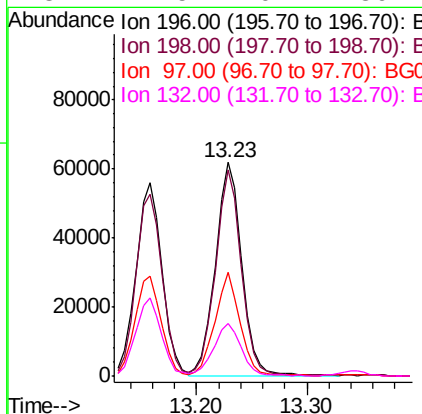
Instrument :
 BNA_G
 ClientSampled :
 PB114891BS

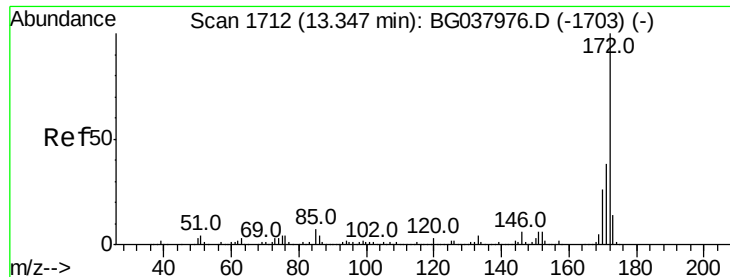
Tot Ion:196 Resp: 92779
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.4 114.6
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.631 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:196 Resp: 102885
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.2 111.2
 97 48.5 34.1 51.1
 132 24.5 20.2 30.4

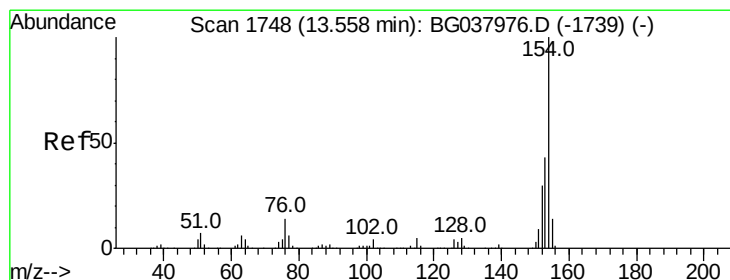
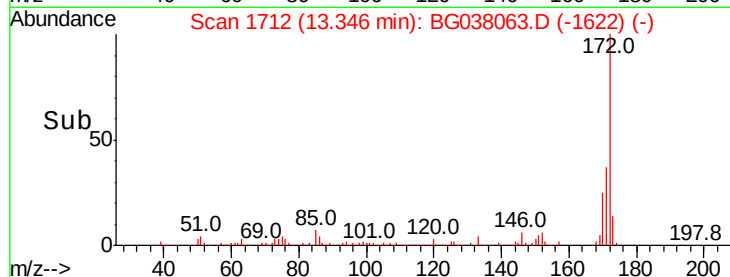
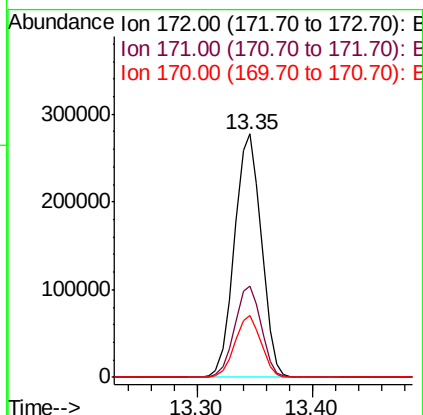
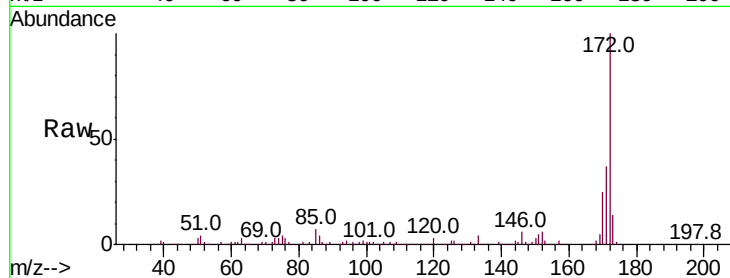




#45
2-Fluorobiphenyl
Concen: 60.063 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

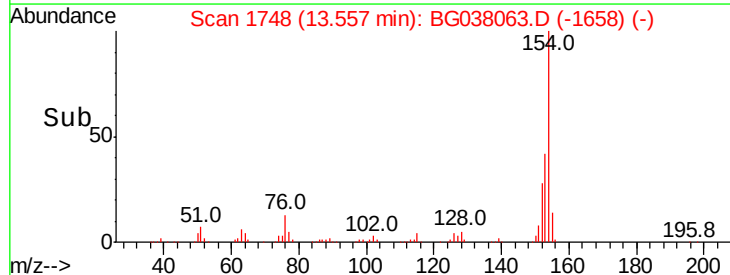
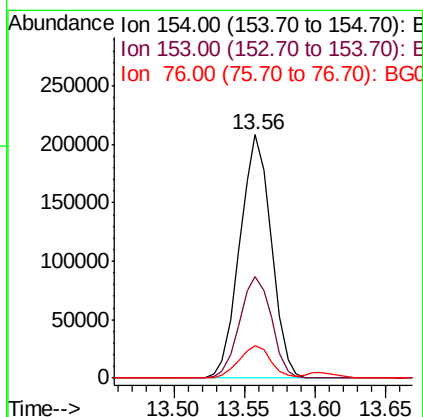
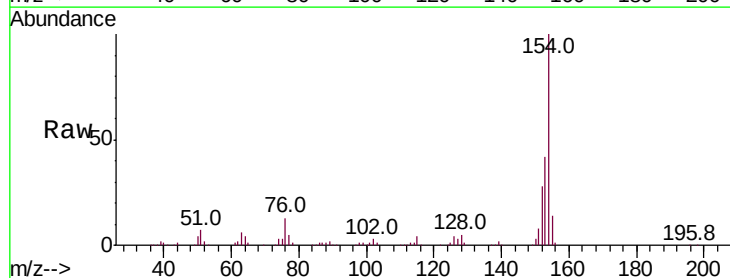
Instrument :
BNA_G
ClientSampleId :
PB114891BS

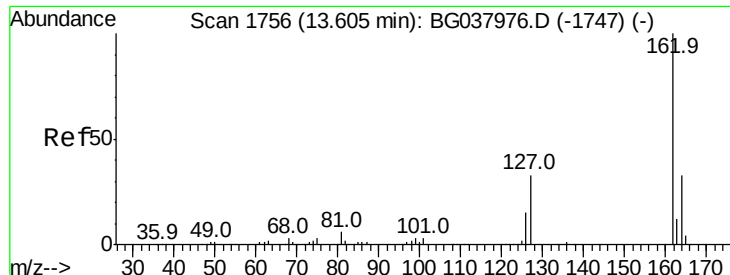
Tot Ion:172 Resp: 446724
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 25.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 35.626 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:154 Resp: 324301
Ion Ratio Lower Upper
154 100
153 41.5 22.1 62.1
76 13.1 0.0 33.2

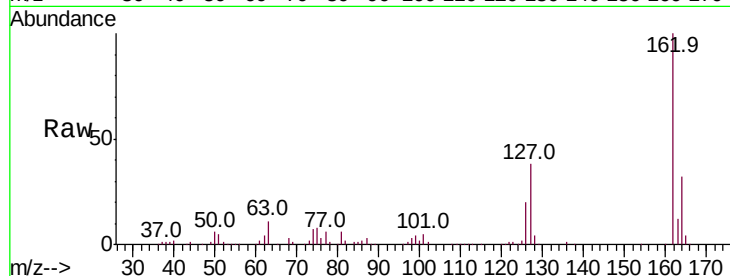




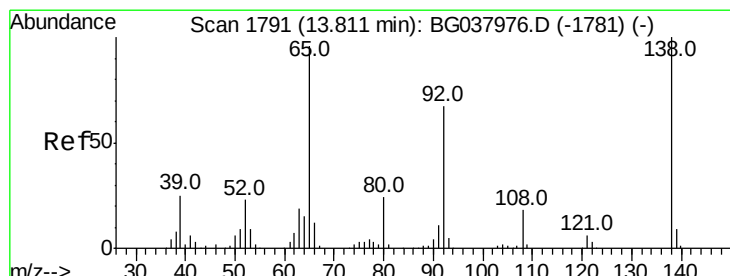
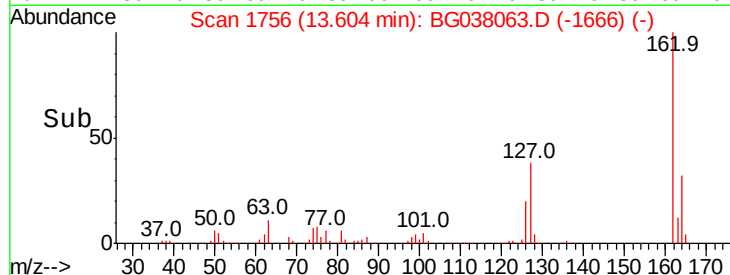
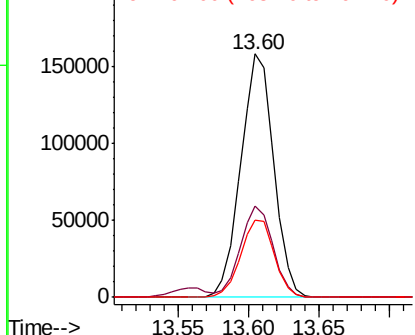
#47
2-Chloronaphthalene
Concen: 37.223 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:162 Resp: 258565
Ion Ratio Lower Upper
162 100
127 37.7 30.5 45.7
164 31.7 26.4 39.6

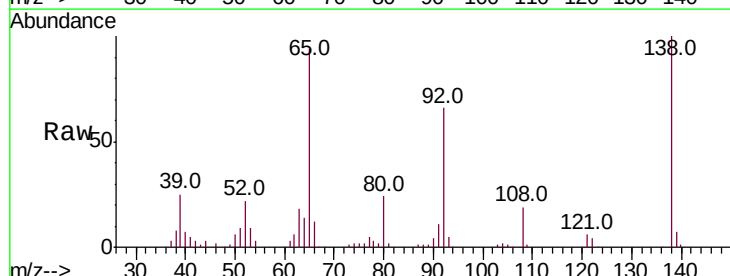


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

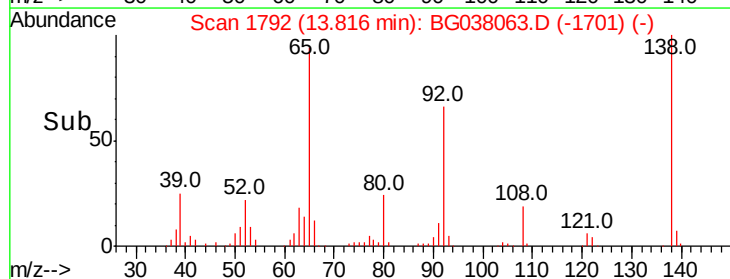
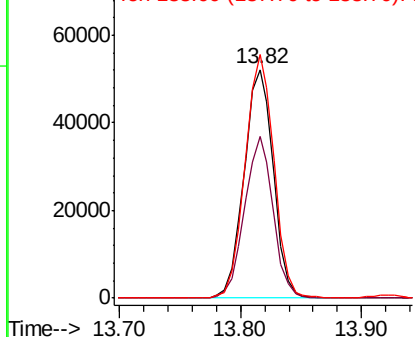


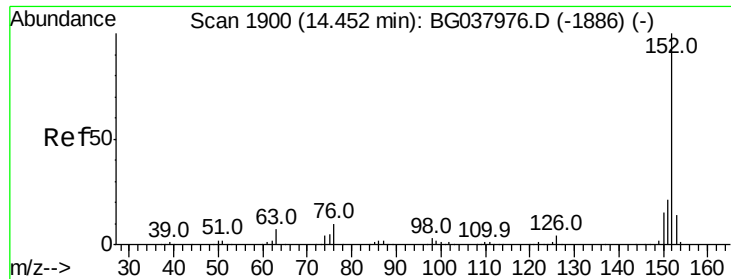
#48
2-Nitroaniline
Concen: 40.275 ng
RT: 13.82 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion: 65 Resp: 88050
Ion Ratio Lower Upper
65 100
92 70.5 53.2 79.8
138 106.5 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: 40.898 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

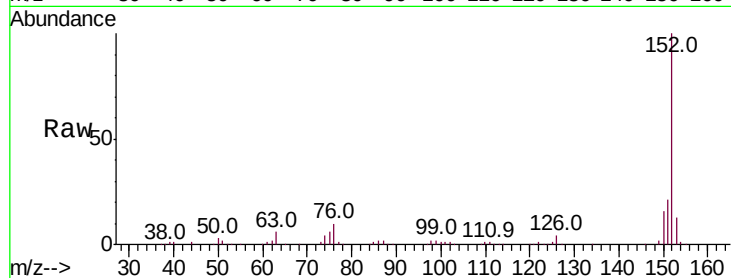
Tot Ion:152 Resp: 427211

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

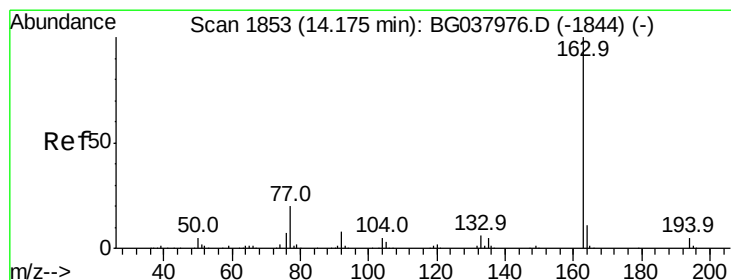
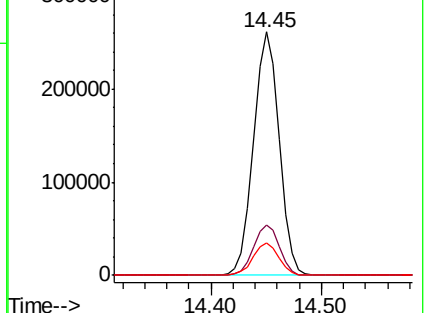
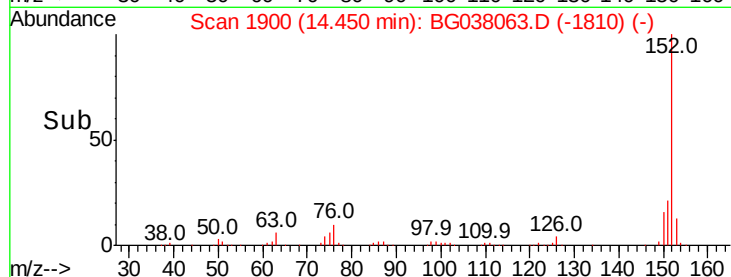
153 13.4 11.1 16.7



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: 38.272 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

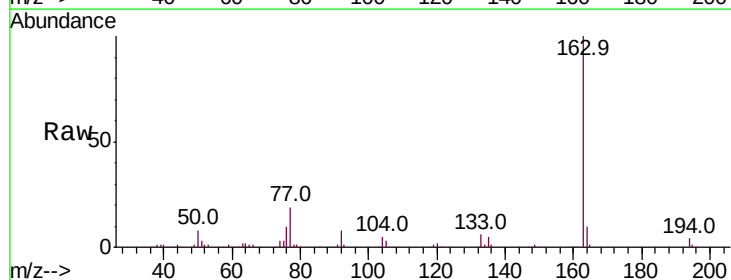
Tgt Ion:163 Resp: 328759

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

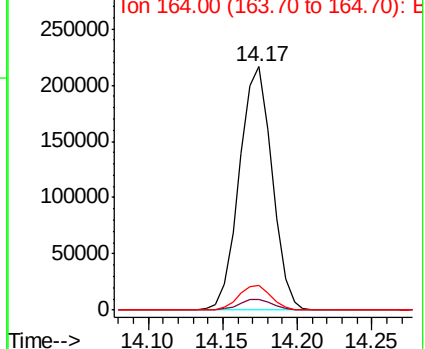
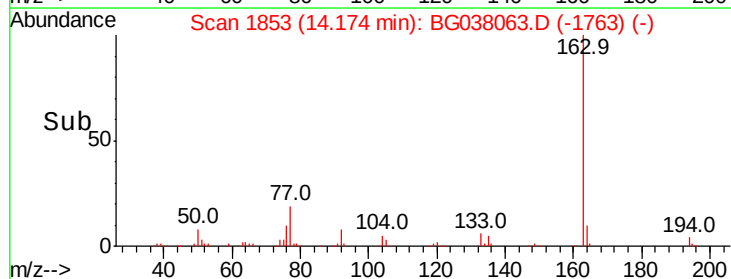
164 10.3 8.5 12.7

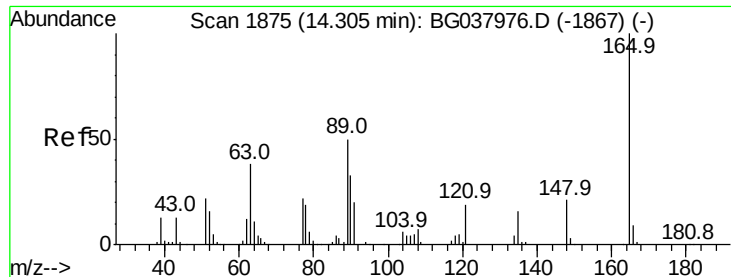


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

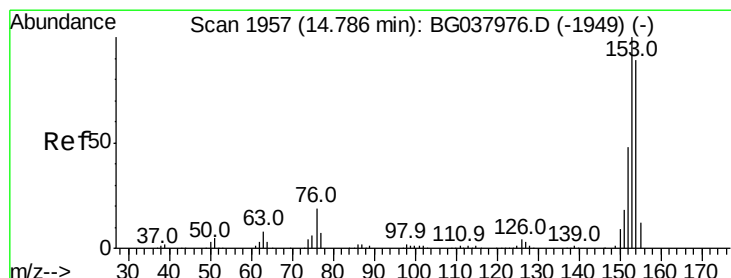
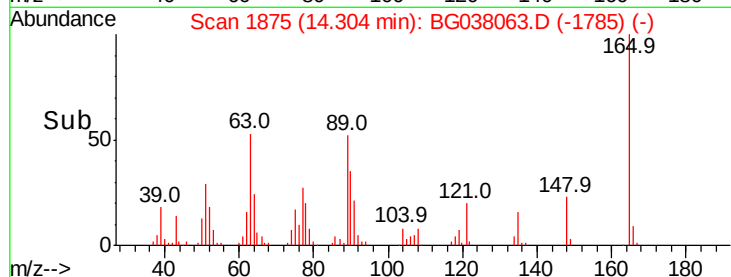
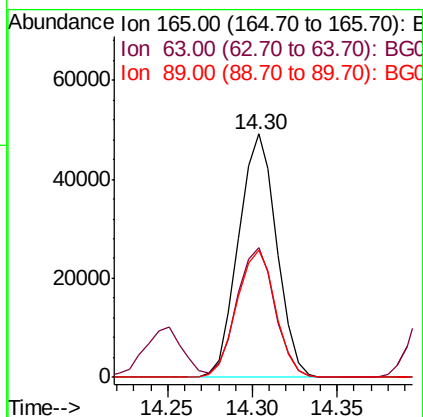
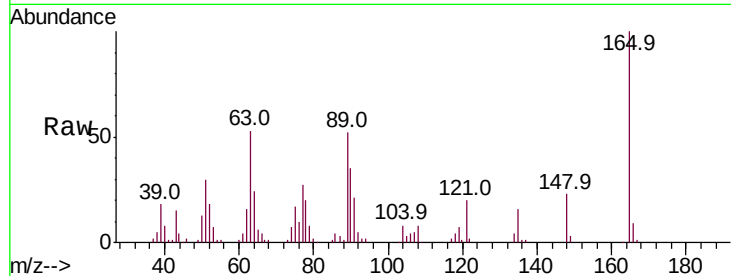




#51
2,6-Dinitrotoluene
Concen: 39.616 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

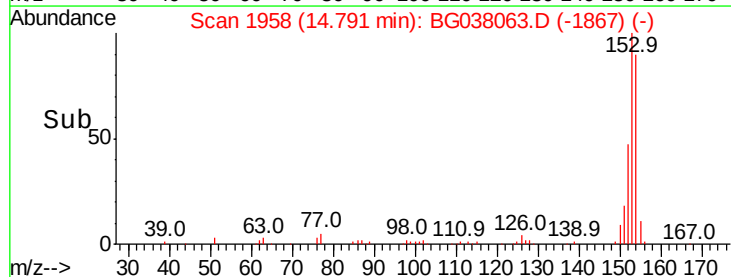
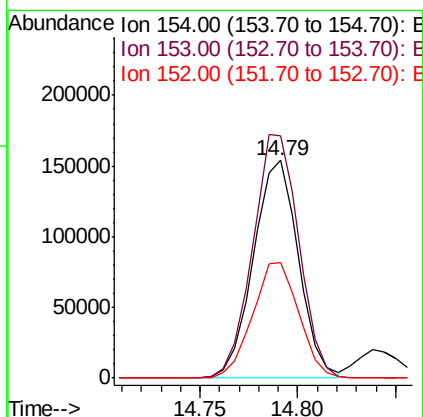
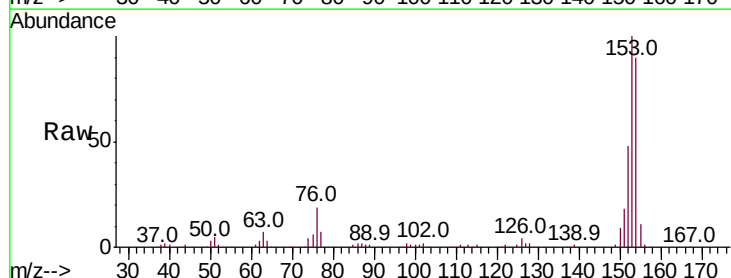
Instrument :
BNA_G
ClientSampleId :
PB114891BS

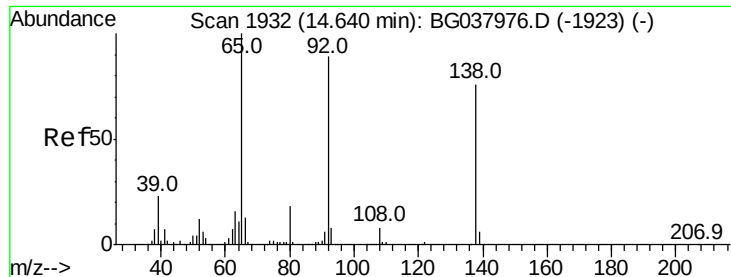
Tot Ion:165 Resp: 77021
Ion Ratio Lower Upper
165 100
63 53.3 43.4 65.2
89 52.1 45.8 68.6



#52
Acenaphthene
Concen: 39.056 ng
RT: 14.79 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:154 Resp: 245609
Ion Ratio Lower Upper
154 100
153 111.2 93.4 140.0
152 53.2 44.7 67.1

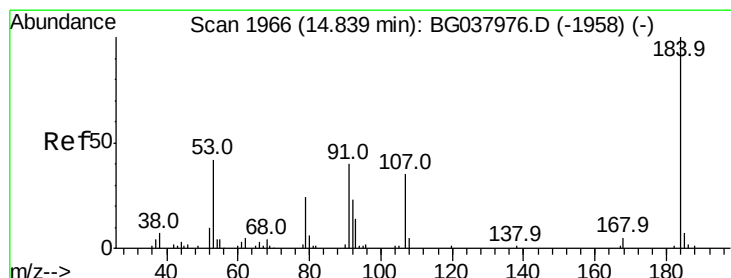
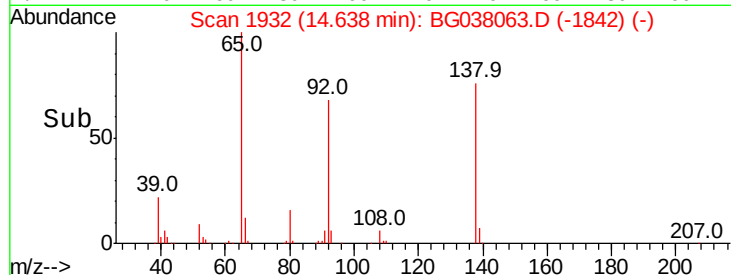
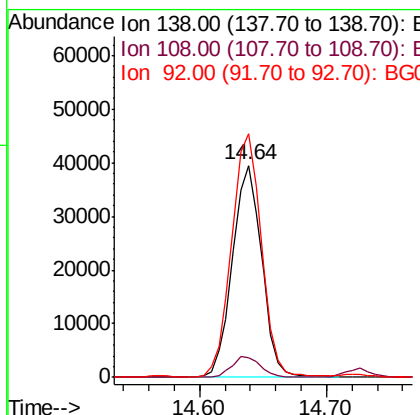
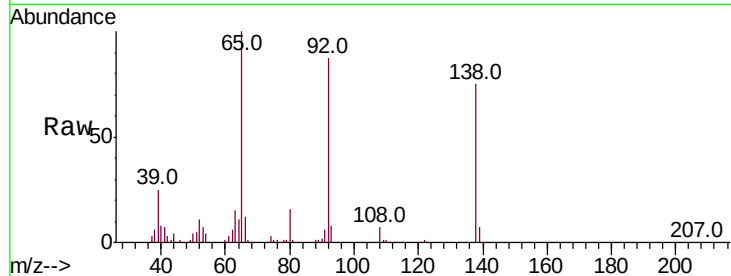




#53
3-Nitroaniline
Concen: 29.390 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

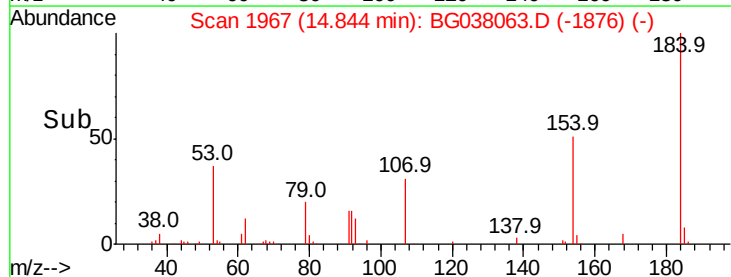
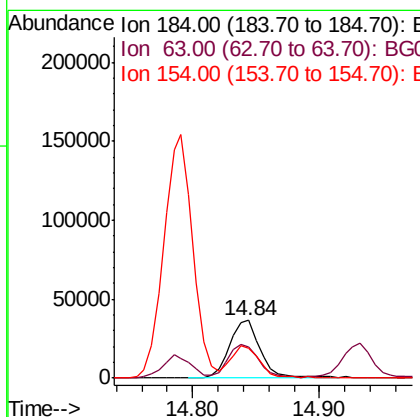
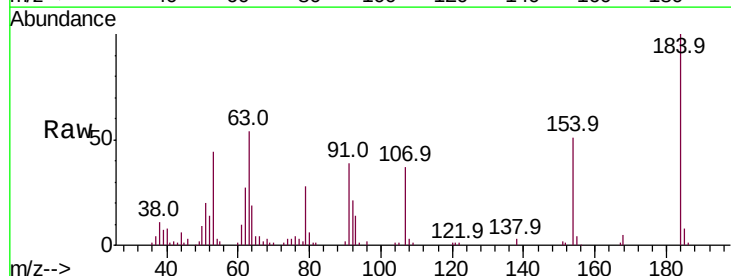
Instrument :
BNA_G
ClientSampleId :
PB114891BS

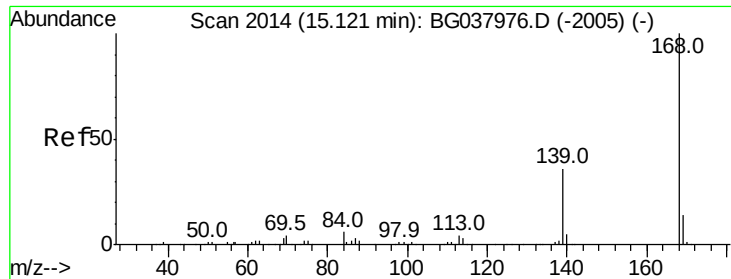
Tot Ion:138 Resp: 63050
Ion Ratio Lower Upper
138 100
108 9.0 11.0 16.6#
92 115.0 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 61.317 ng
RT: 14.84 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:184 Resp: 61765
Ion Ratio Lower Upper
184 100
63 53.6 42.6 63.8
154 50.9 41.8 62.6





#55

Dibenzenofuran

Concen: 38.652 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

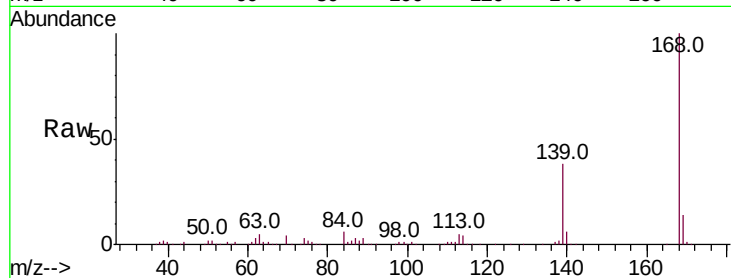
Tot Ion:168 Resp: 401921

Ion Ratio Lower Upper

168 100

139 37.5 29.4 44.0

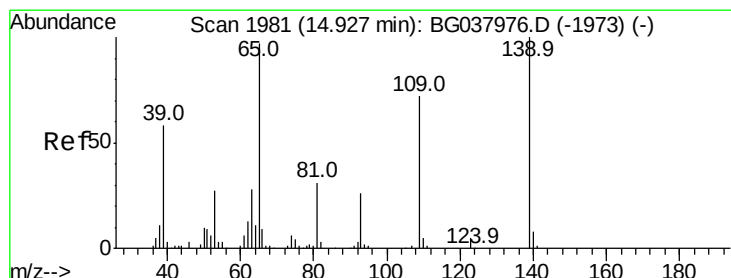
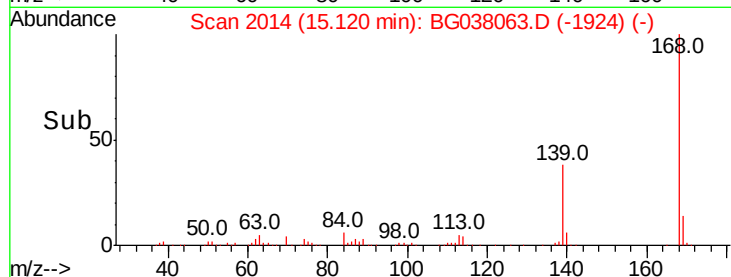
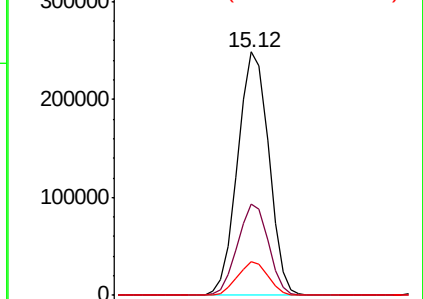
169 13.7 11.0 16.6



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: 76.879 ng

RT: 14.93 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

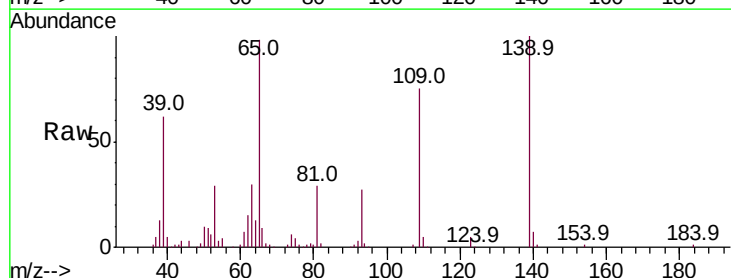
Tgt Ion:139 Resp: 127203

Ion Ratio Lower Upper

139 100

109 75.1 49.5 89.5

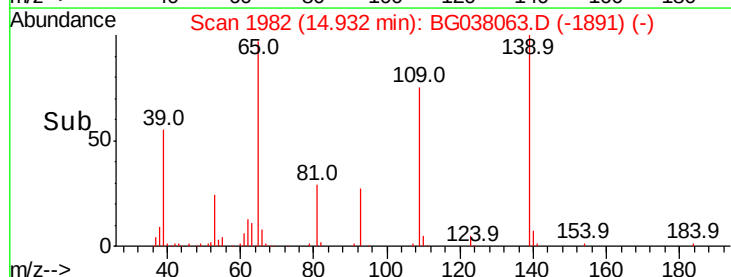
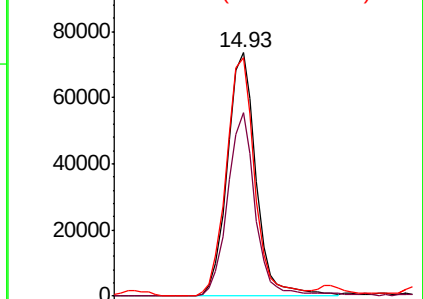
65 97.9 76.8 116.8

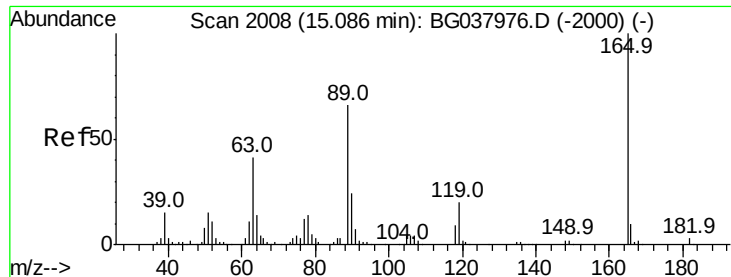


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

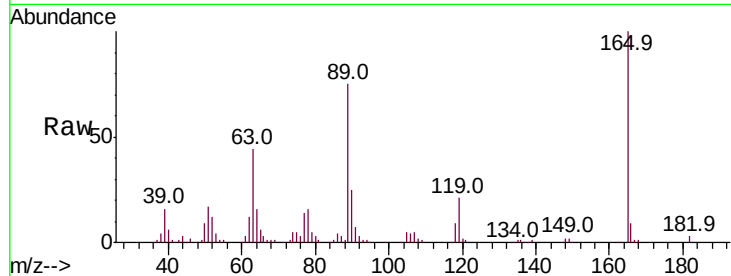




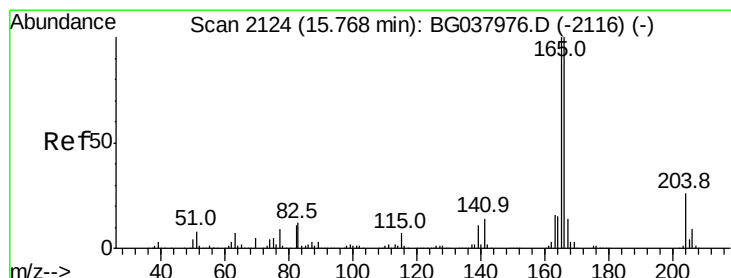
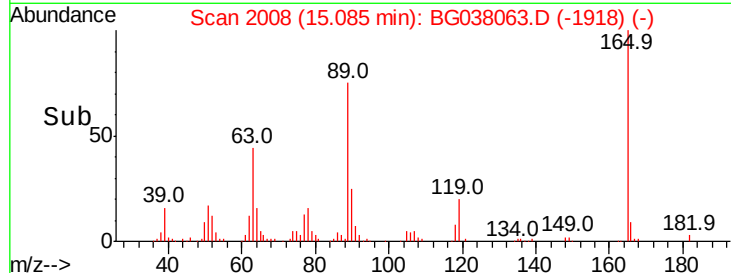
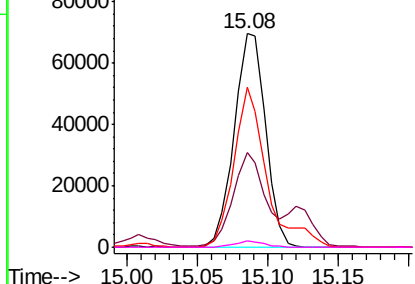
#57
 2,4-Dinitrotoluene
 Concen: 40.863 ng
 RT: 15.08 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion:165 Resp: 108091
 Ion Ratio Lower Upper
 165 100
 63 44.3 33.4 50.0
 89 75.0 57.2 85.8
 182 3.2 2.6 4.0

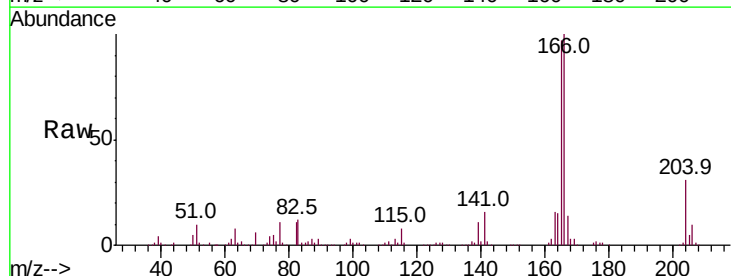


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

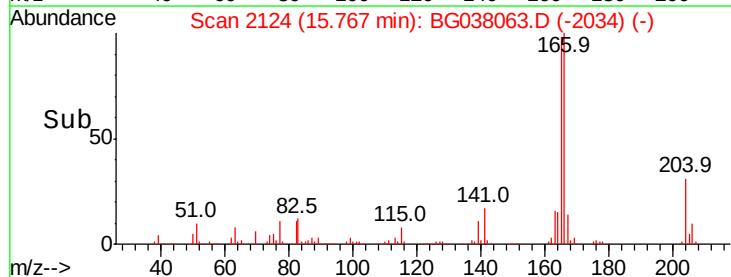
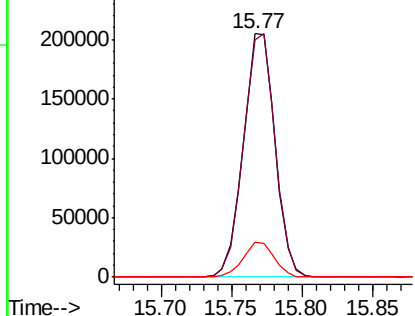


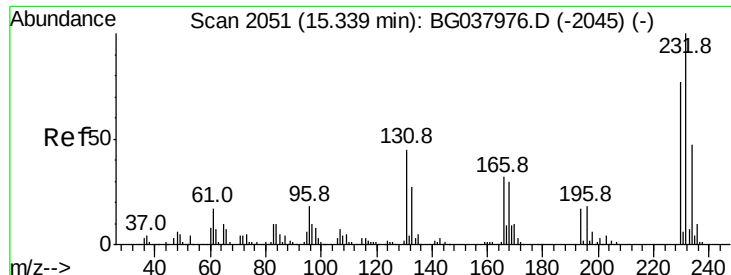
#58
 Fluorene
 Concen: 41.508 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:166 Resp: 322041
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.0 118.6
 167 14.2 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

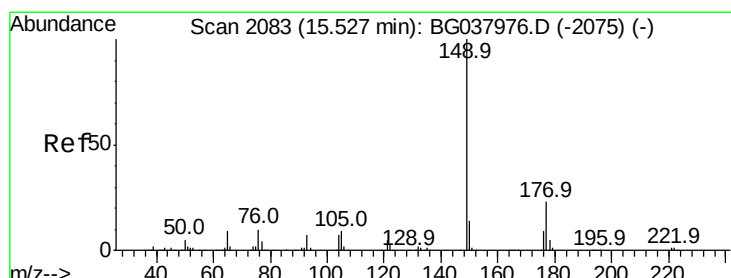
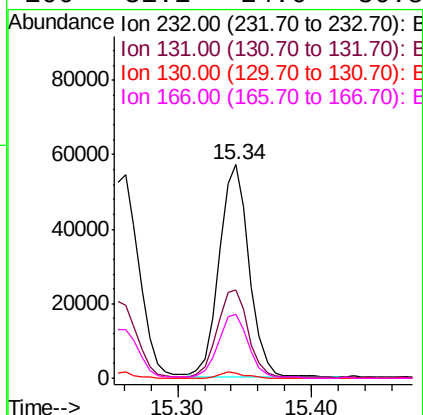
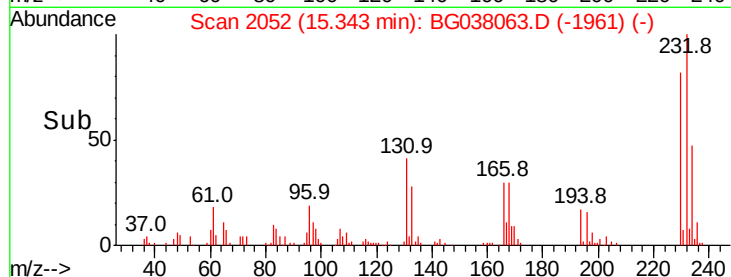
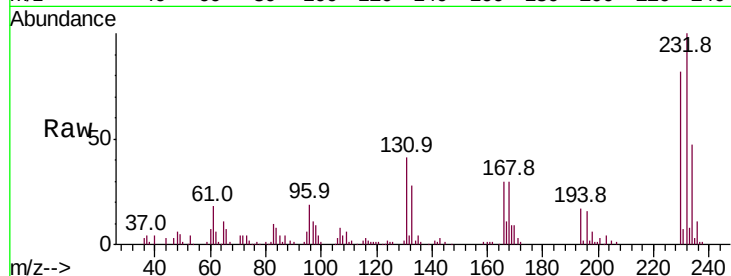




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.332 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

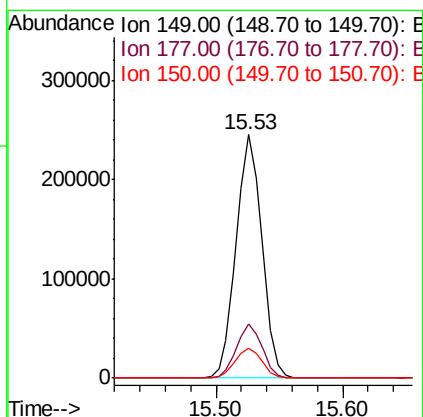
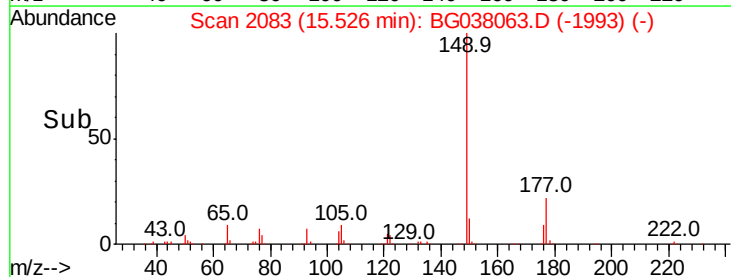
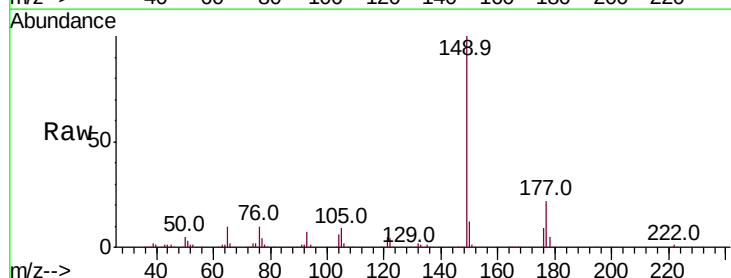
Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

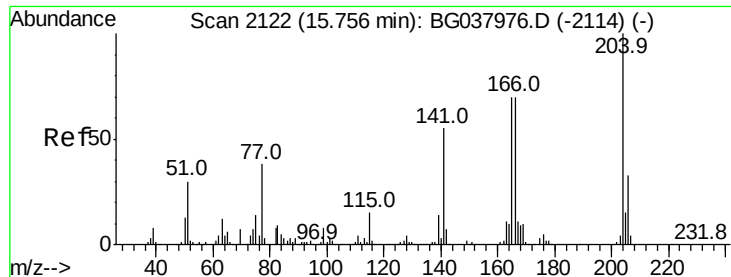
Tot Ion:232 Resp: 89785
 Ion Ratio Lower Upper
 232 100
 131 44.1 33.7 50.5
 130 2.4 2.1 3.1
 166 31.1 24.6 36.8



#60
 Diethylphthalate
 Concen: 37.661 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:149 Resp: 343621
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.2 10.0 15.0

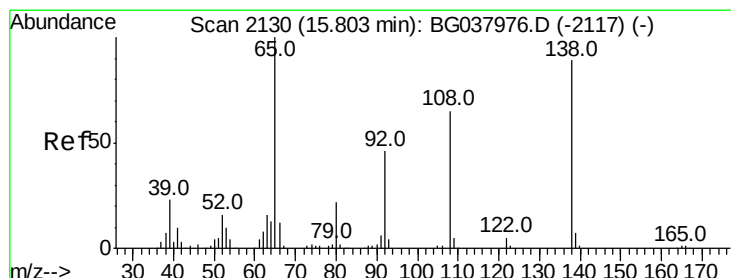
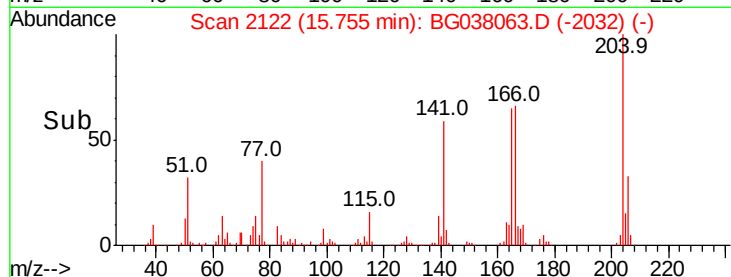
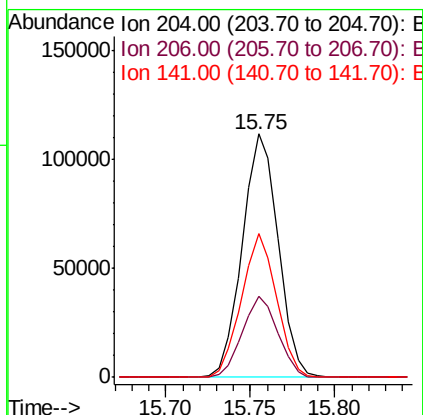
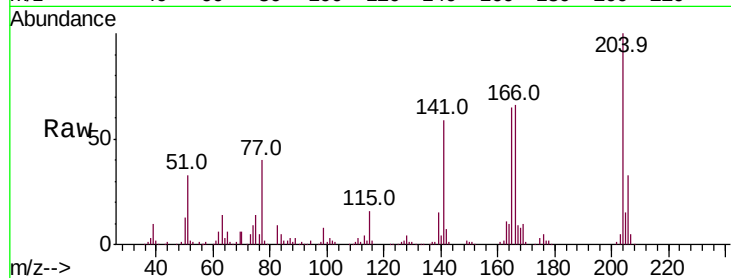




#61
 4-Chlorophenyl-phenylether
 Concen: 36.275 ng
 RT: 15.75 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

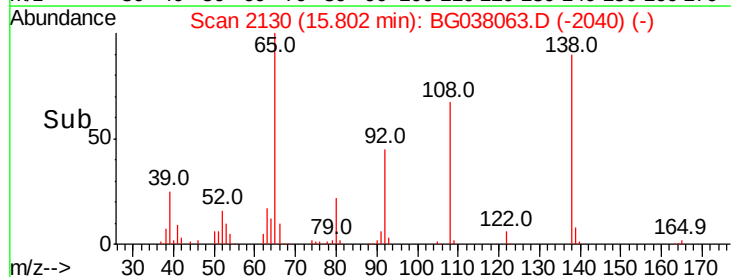
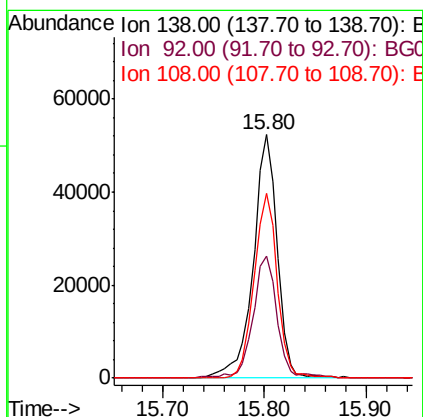
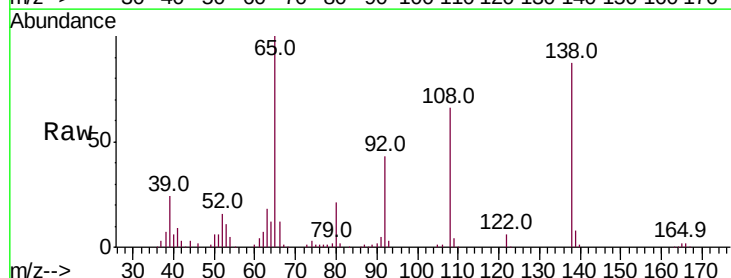
Instrument :
 BNA_G
 ClientSampleID :
 PB114891BS

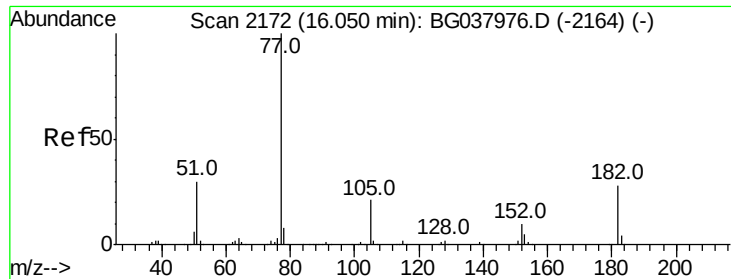
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	58.8	45.4	68.2



#62
 4-Nitroaniline
 Concen: 40.174 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	36.4	76.4
108	75.8	60.1	100.1





#63

Azobenzene

Concen: 39.360 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

Tot Ion: 77 Resp: 321096

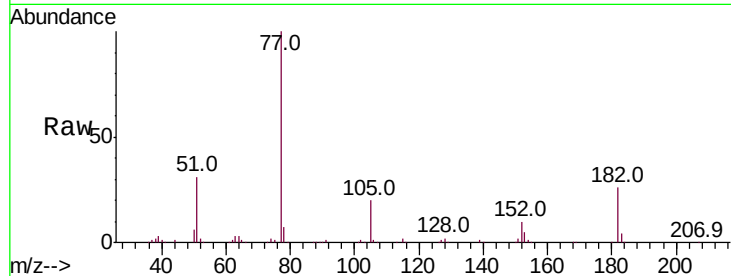
Ion Ratio Lower Upper

77 100

182 26.3 8.0 48.0

105 19.8 1.3 41.3

51 30.7 10.7 50.7

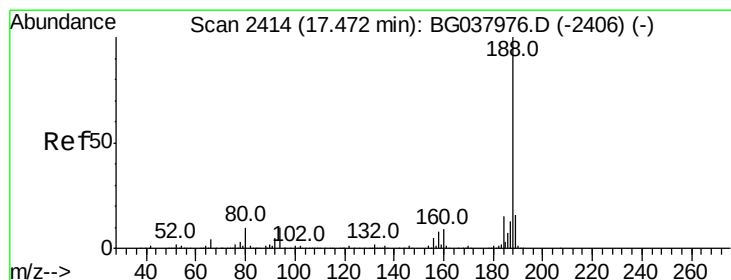
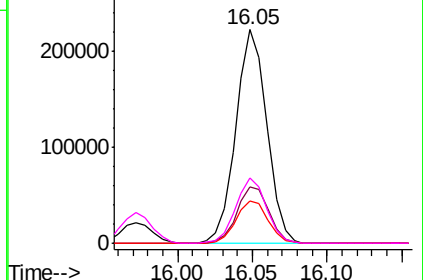
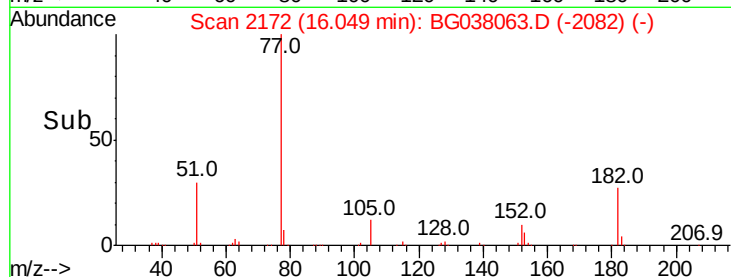


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

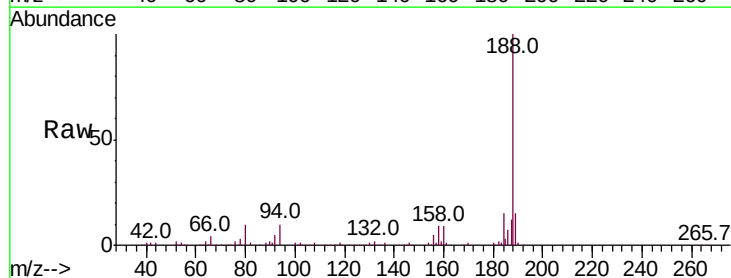
Tgt Ion: 188 Resp: 258928

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

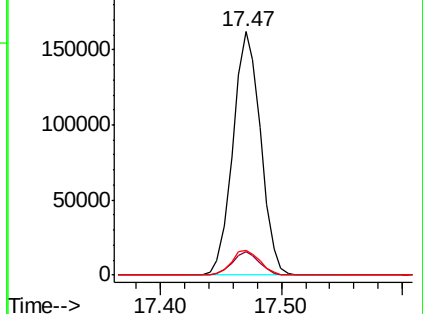
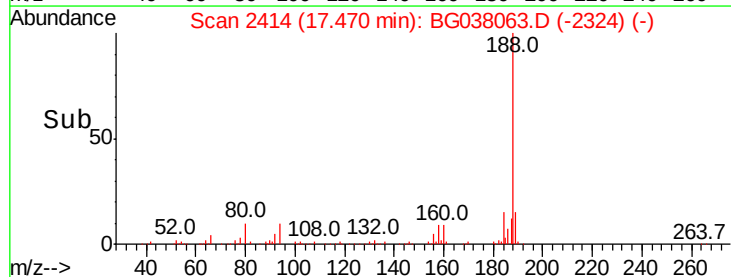
80 10.1 7.7 11.5

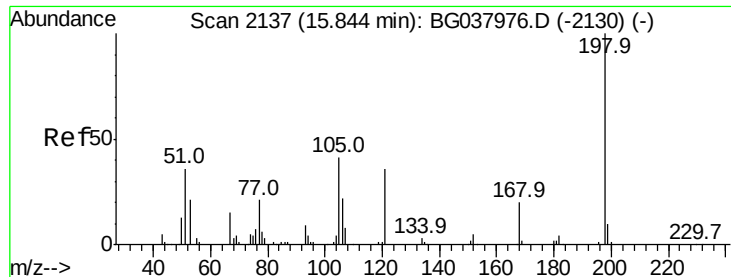


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

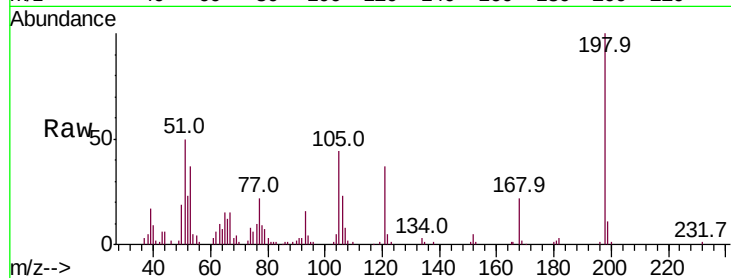




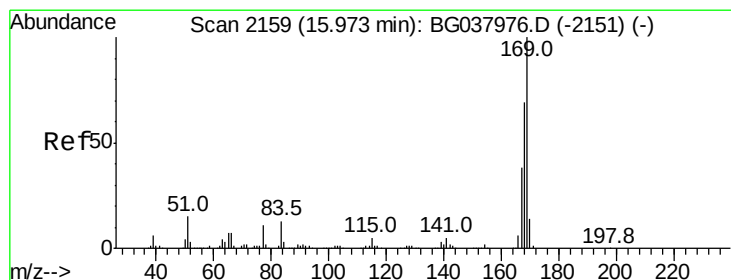
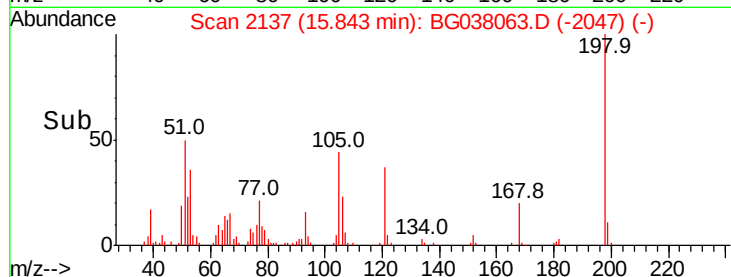
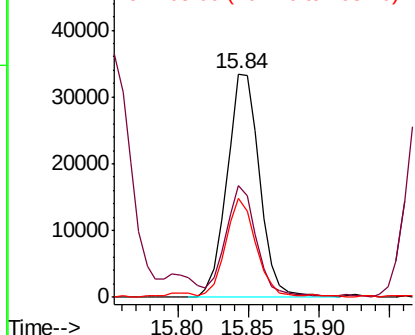
#65
4,6-Dinitro-2-methylphenol
Concen: 32.884 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:198 Resp: 53855
Ion Ratio Lower Upper
198 100
51 50.2 22.7 62.7
105 44.3 19.7 59.7

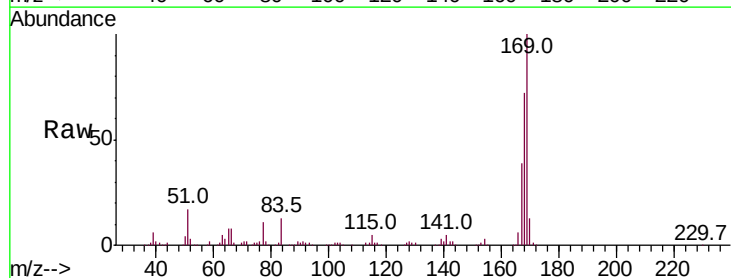


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

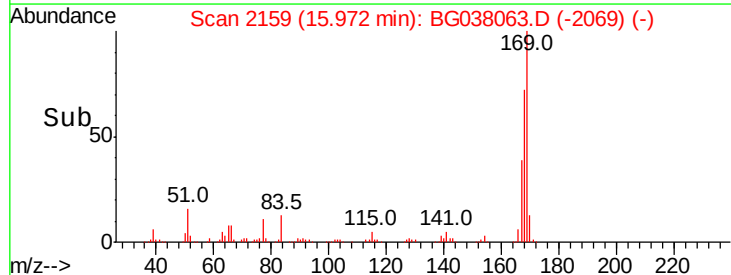
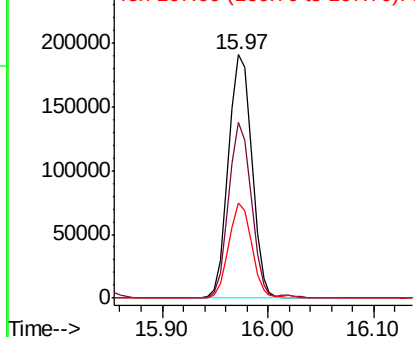


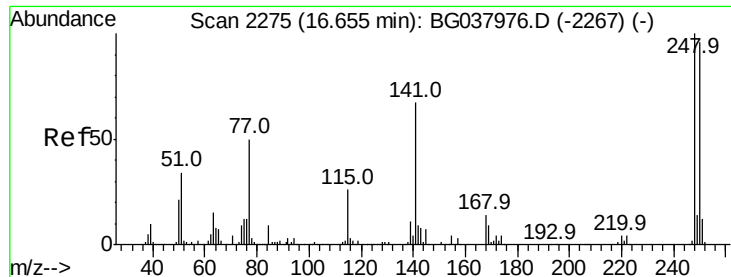
#66
n-Nitrosodiphenylamine
Concen: 37.368 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:169 Resp: 292711
Ion Ratio Lower Upper
169 100
168 72.0 55.7 83.5
167 39.2 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

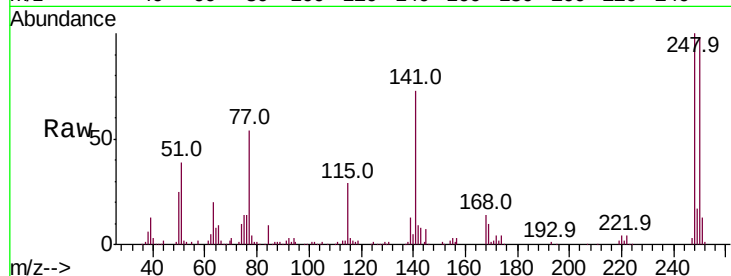




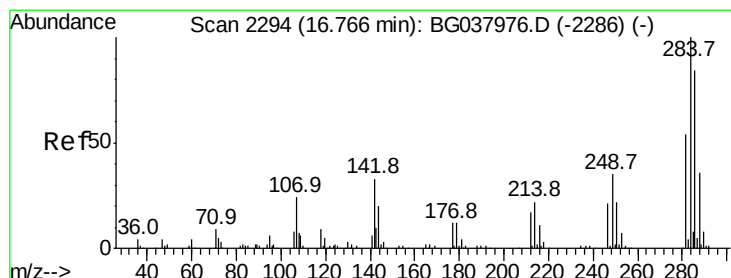
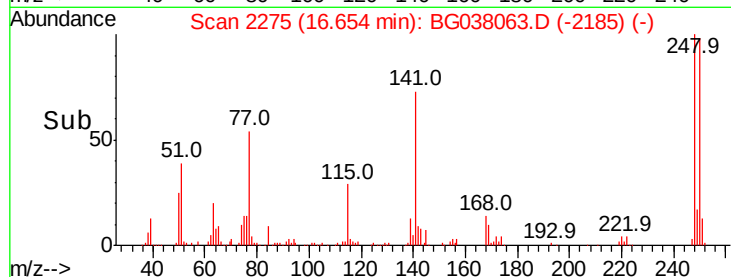
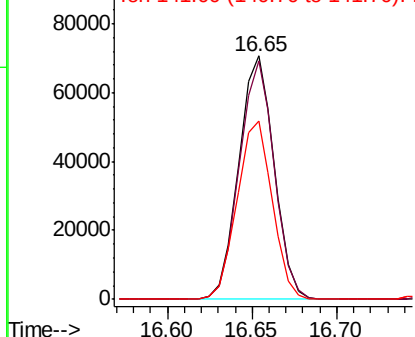
#67
 4-Bromophenyl-phenylether
 Concen: 36.029 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion:248 Resp: 102394
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.0 115.6
 141 73.3 55.5 83.3

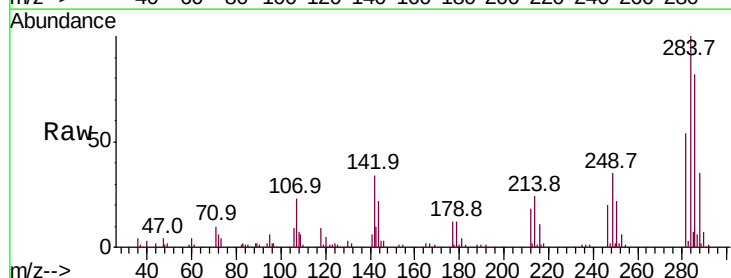


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

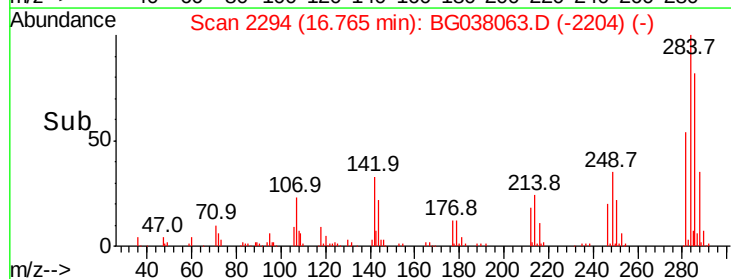
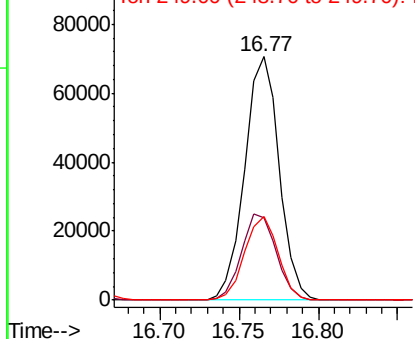


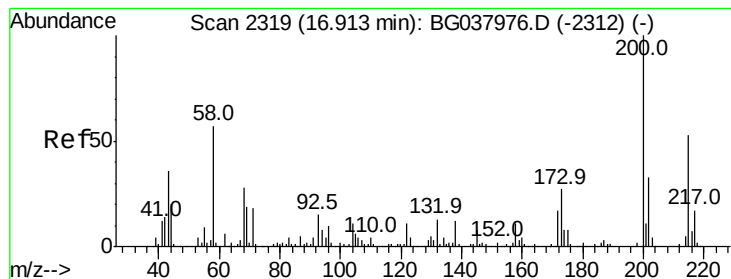
#68
 Hexachlorobenzene
 Concen: 36.279 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion:284 Resp: 106423
 Ion Ratio Lower Upper
 284 100
 142 33.8 28.1 42.1
 249 36.7 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: 37.750 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

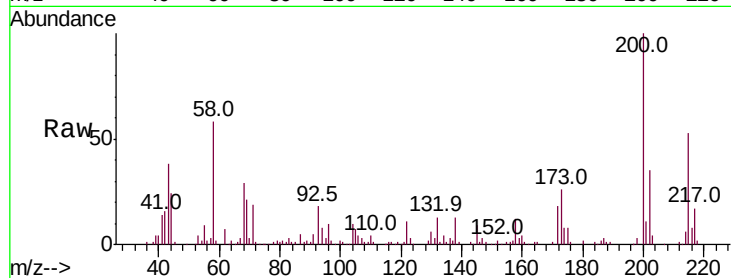
Tot Ion:200 Resp: 109007

Ion Ratio Lower Upper

200 100

173 25.9 6.1 46.1

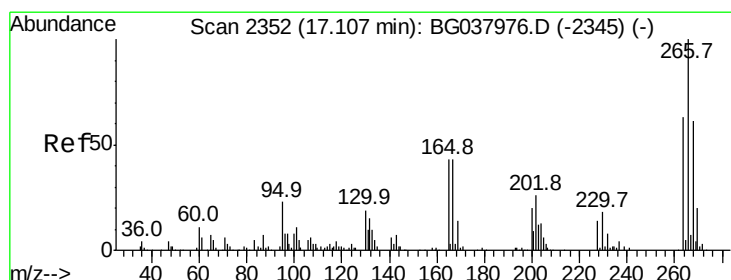
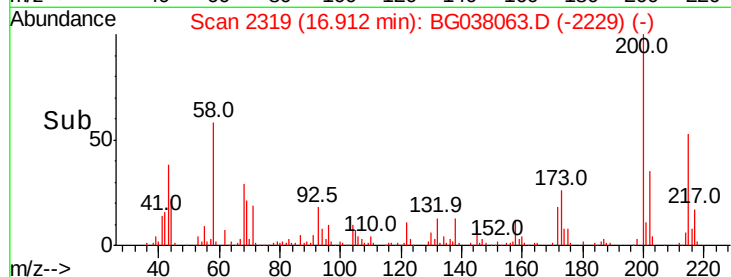
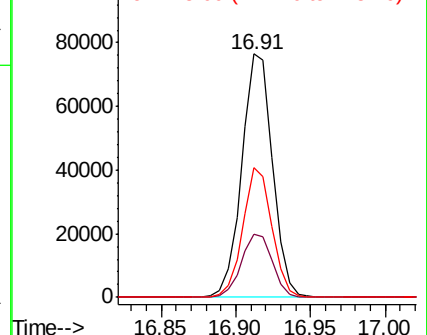
215 53.2 30.8 70.8



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: 59.769 ng

RT: 17.11 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

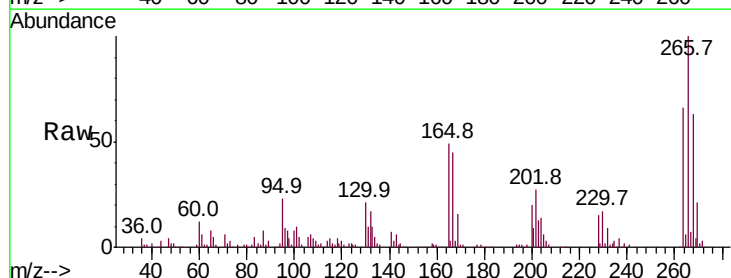
Tgt Ion:266 Resp: 119079

Ion Ratio Lower Upper

266 100

268 67.2 55.0 82.6

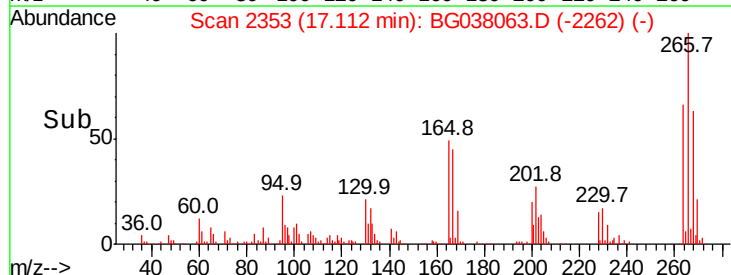
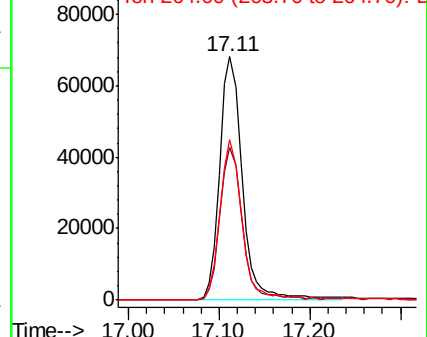
264 71.5 58.9 88.3

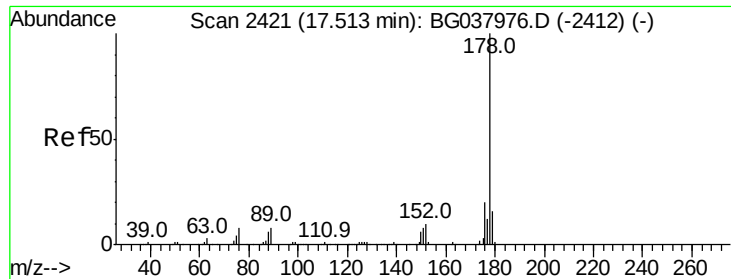


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.020 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

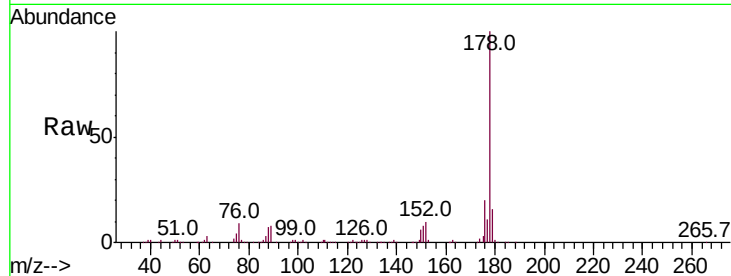
Tot Ion:178 Resp: 543786

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

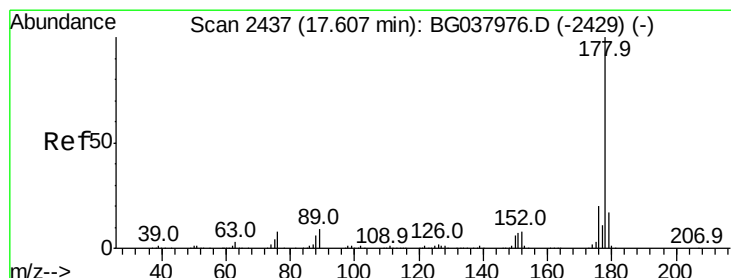
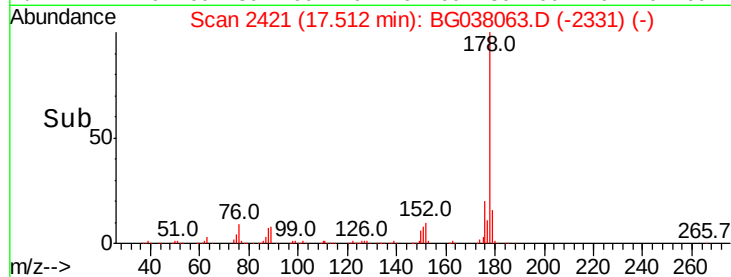
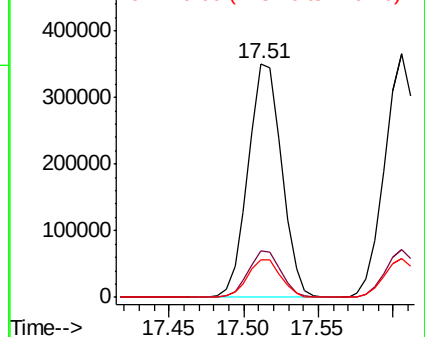
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.151 ng

RT: 17.61 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

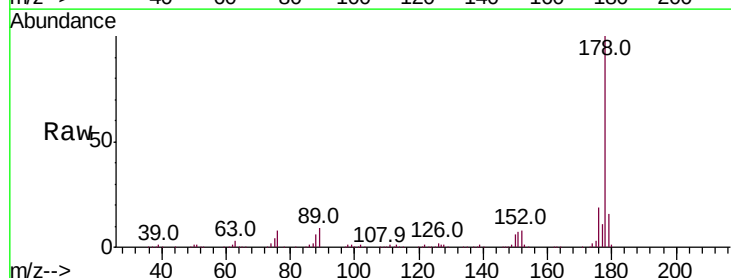
Tgt Ion:178 Resp: 550809

Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.4

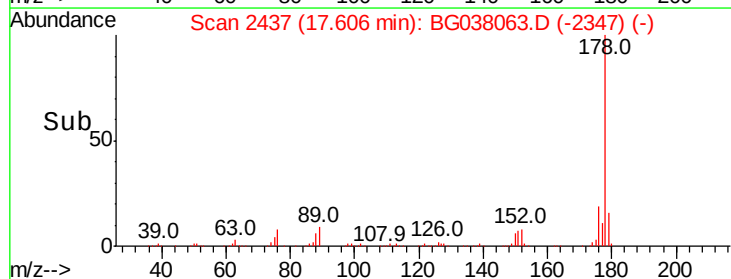
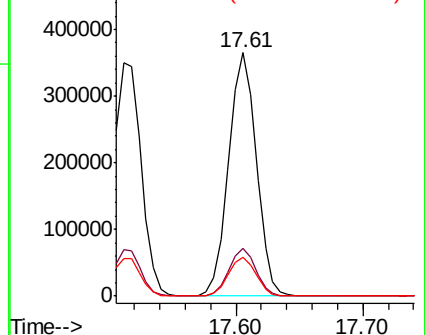
179 16.0 12.8 19.2

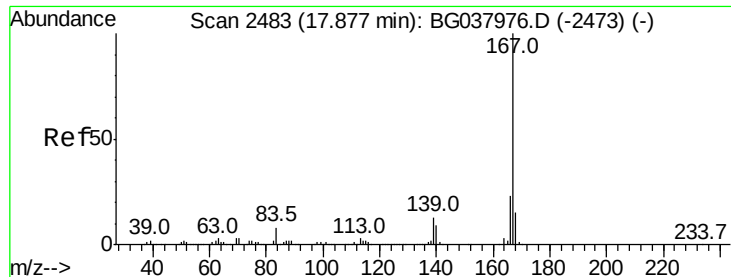


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

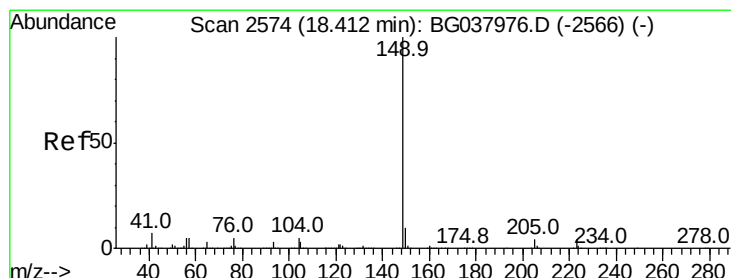
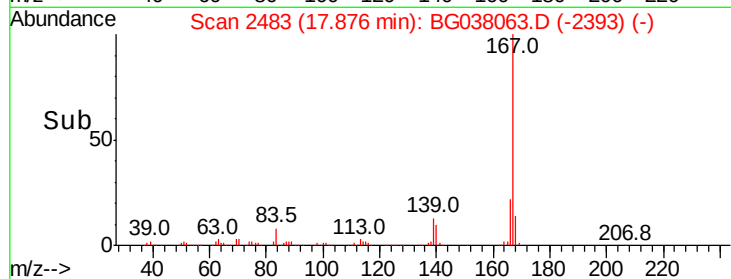
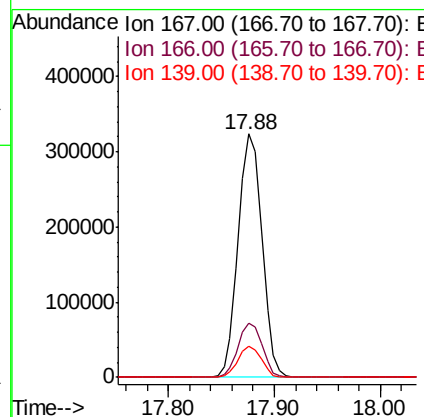
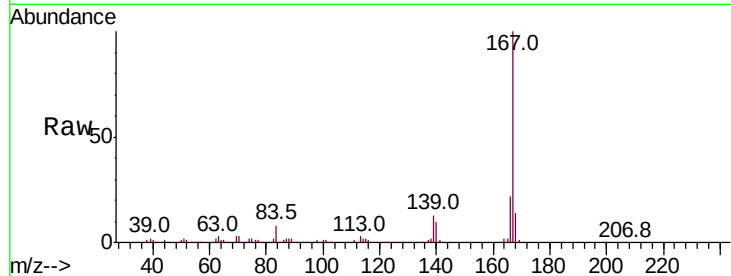




#73
 Carbazole
 Concen: 38.531 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

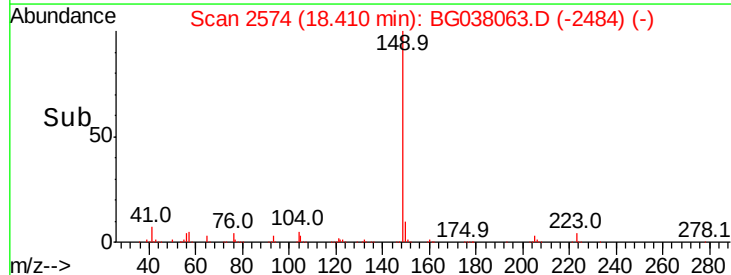
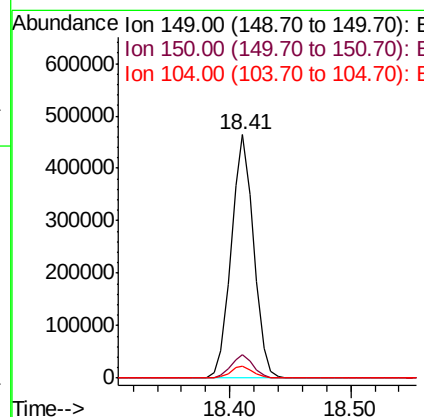
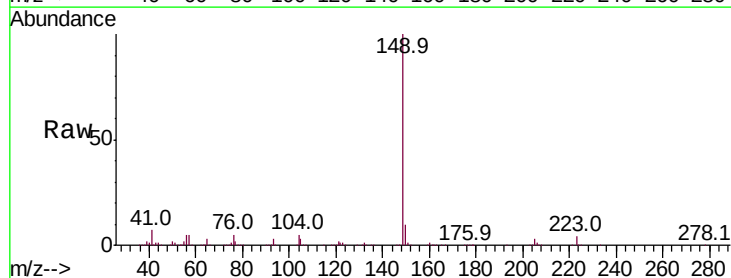
Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

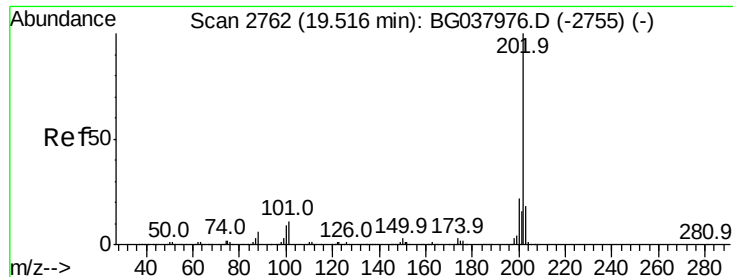
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.7	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 40.385 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG038063.D
 Acq: 19 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 42.599 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

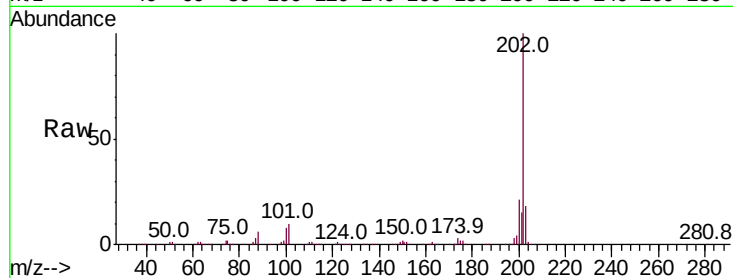
Tot Ion:202 Resp: 644305

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

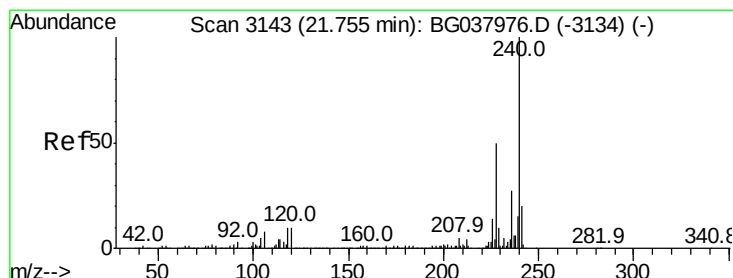
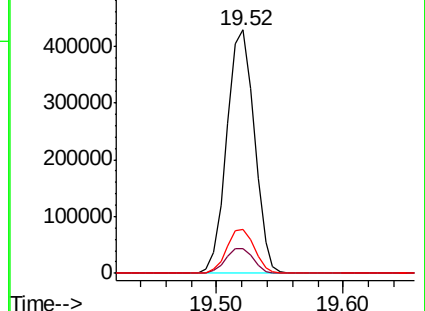
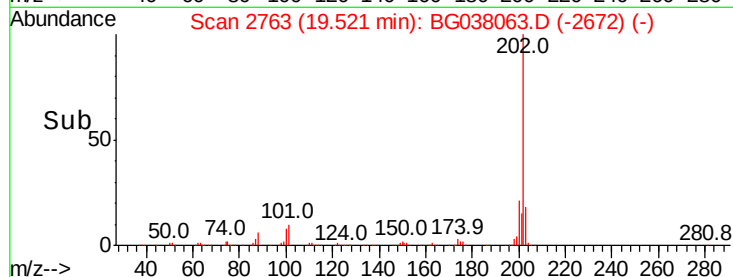
203 17.9 0.0 38.5



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: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

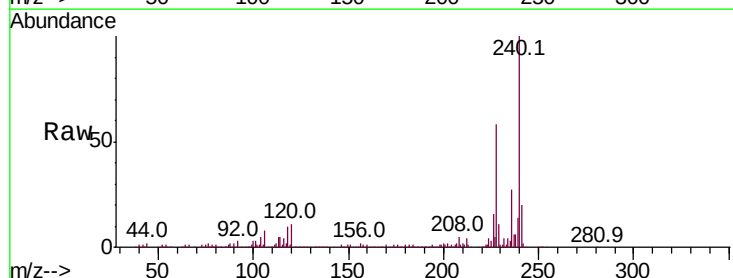
Tgt Ion:240 Resp: 241086

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

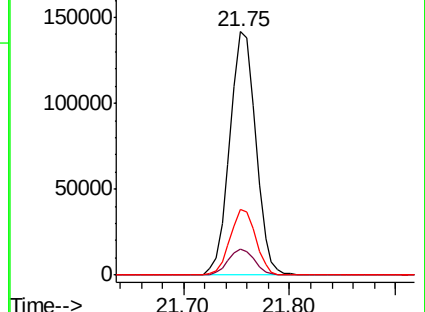
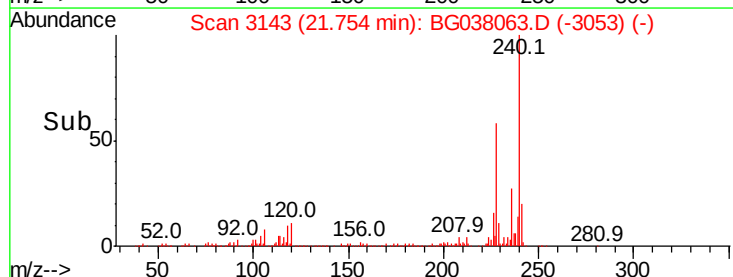
236 26.9 21.4 32.0

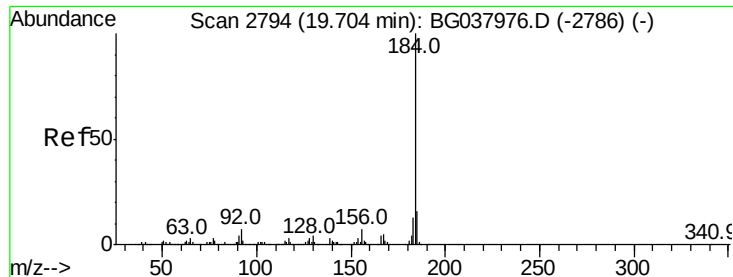


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.866 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

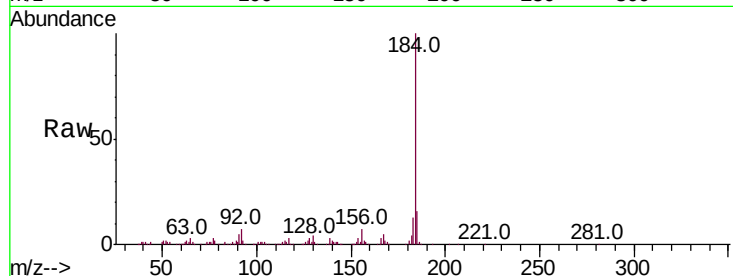
Tot Ion:184 Resp: 294946

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

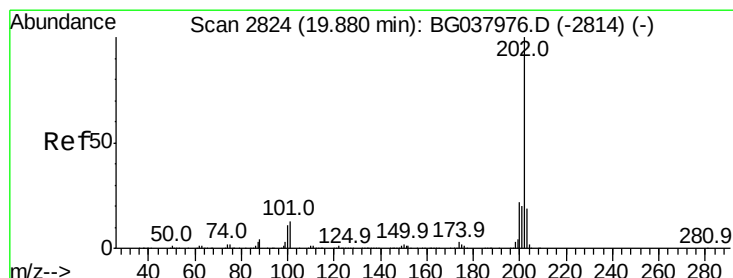
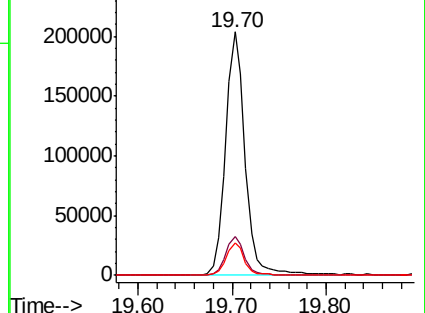
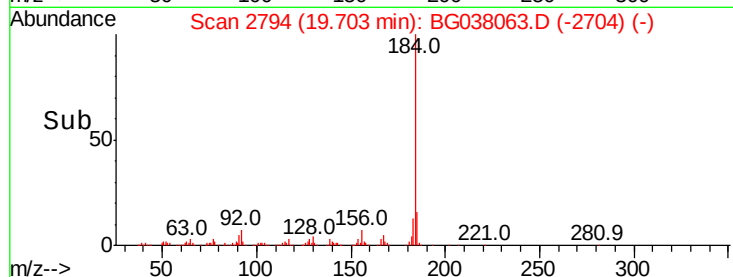
183 13.2 10.2 15.2



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: 40.873 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

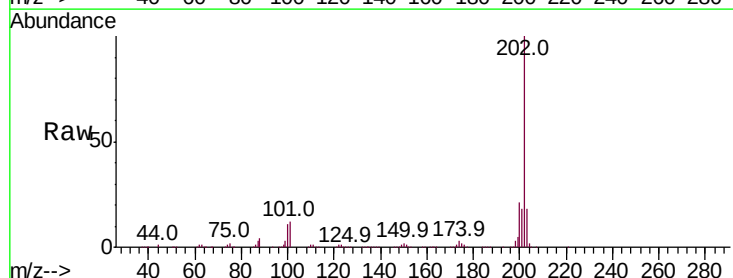
Tgt Ion:202 Resp: 644263

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

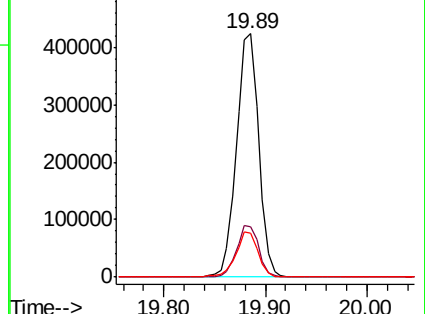
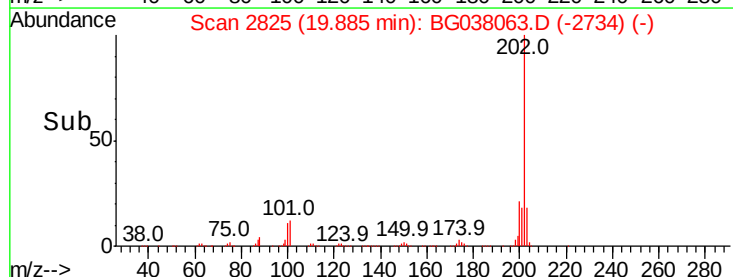
203 17.8 15.2 22.8

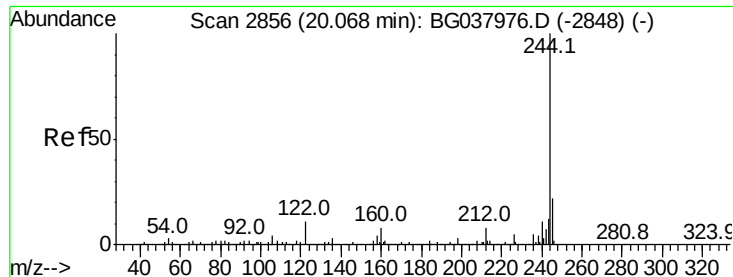


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.603 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

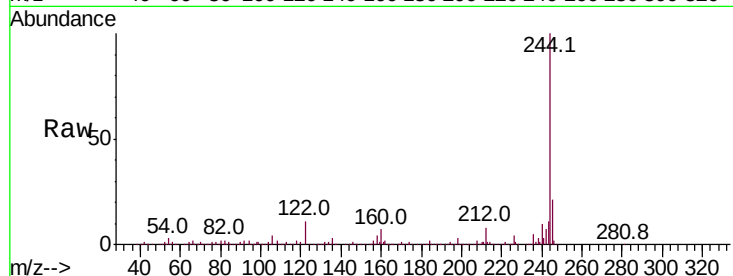
Tot Ion:244 Resp: 743877

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

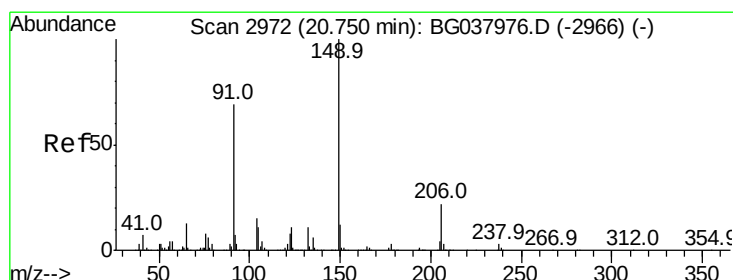
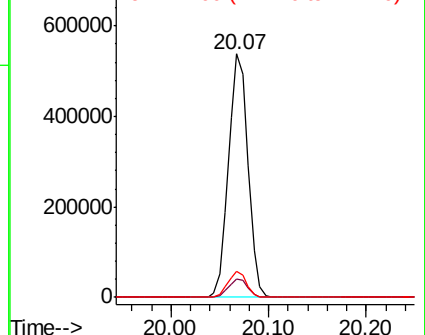
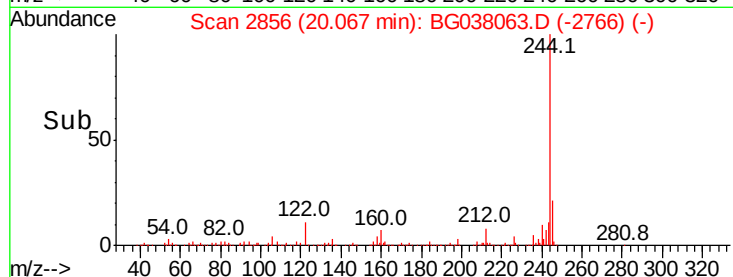
122 10.9 9.0 13.4



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: 40.052 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

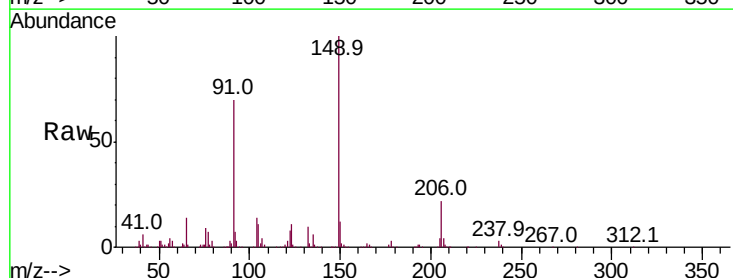
Tgt Ion:149 Resp: 276084

Ion Ratio Lower Upper

149 100

91 69.8 57.0 85.4

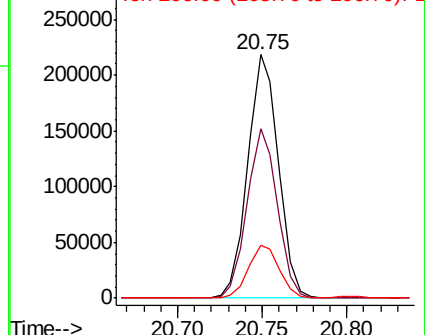
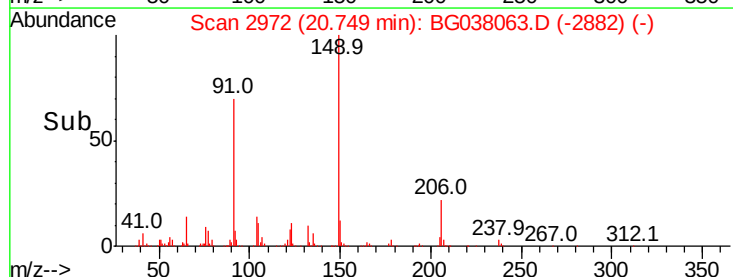
206 21.9 17.8 26.6

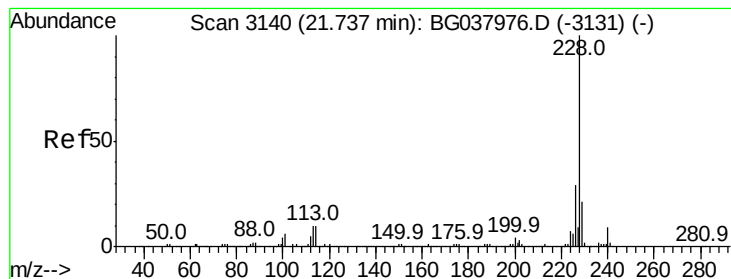


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.987 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

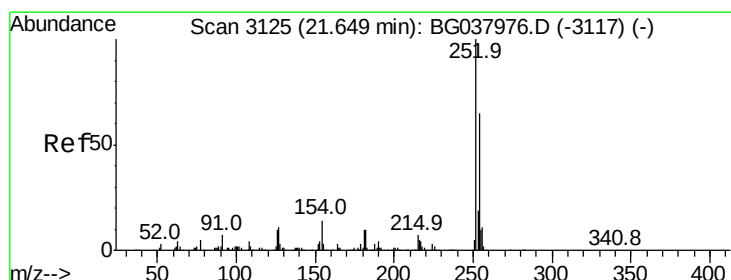
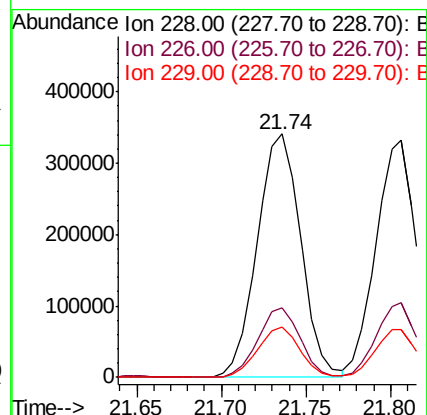
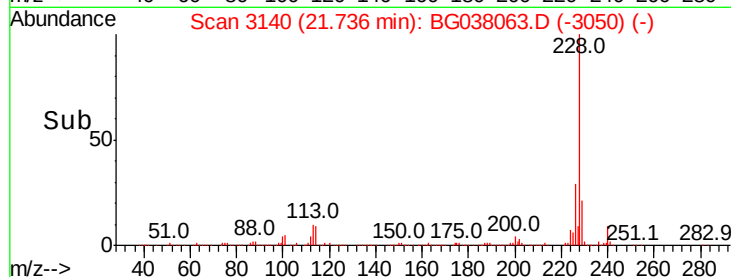
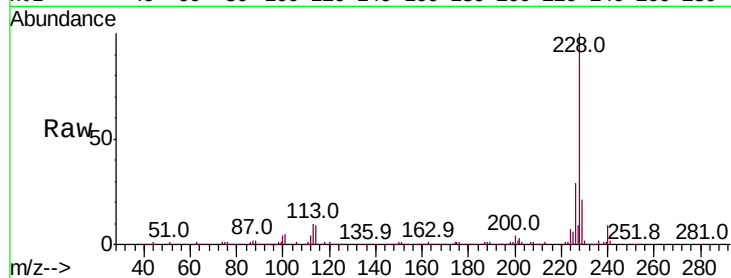
Tot Ion:228 Resp: 611708

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

229 20.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 27.073 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

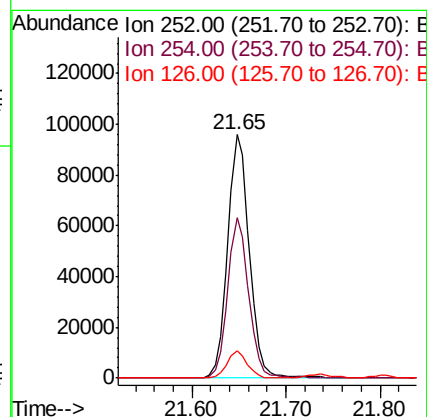
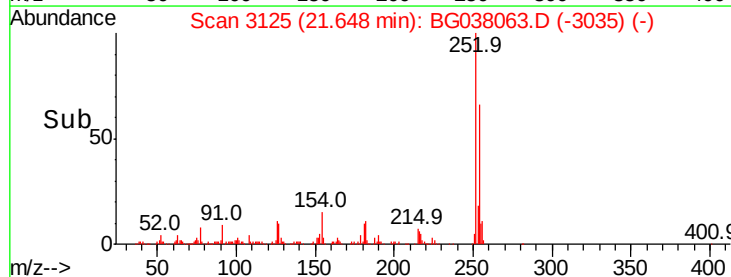
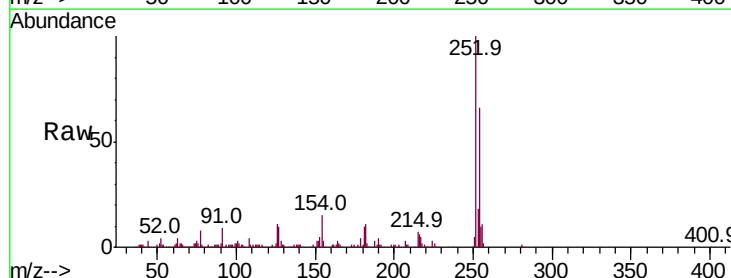
Tgt Ion:252 Resp: 153642

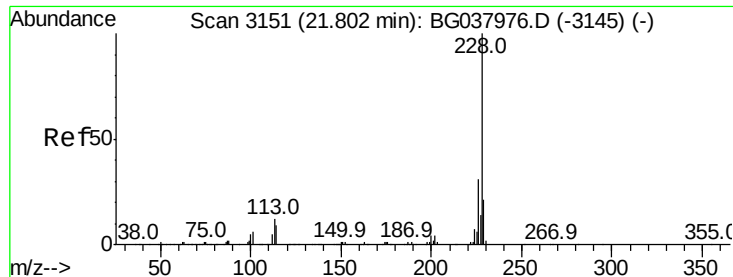
Ion Ratio Lower Upper

252 100

254 65.9 52.0 78.0

126 11.2 8.2 12.4





#83

Chrysene

Concen: 40.038 ng

RT: 21.81 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

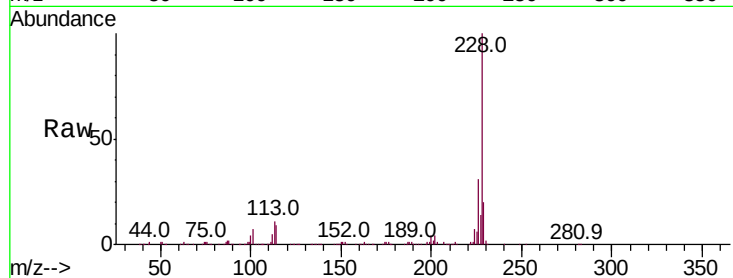
Tot Ion:228 Resp: 558105

Ion Ratio Lower Upper

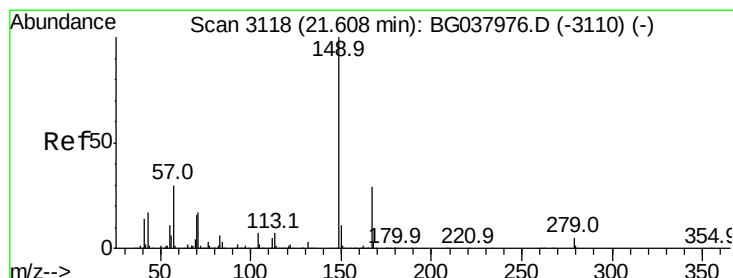
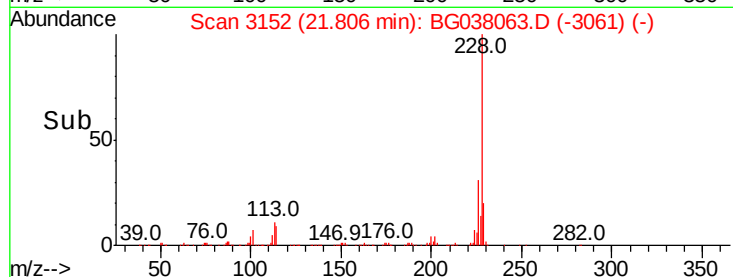
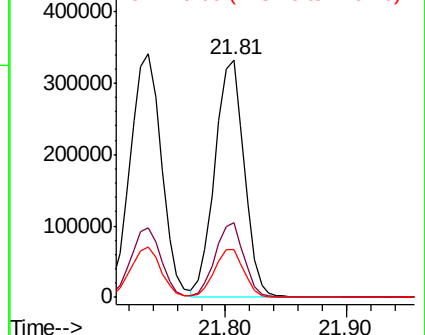
228 100

226 31.2 25.7 38.5

229 20.2 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: 39.102 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

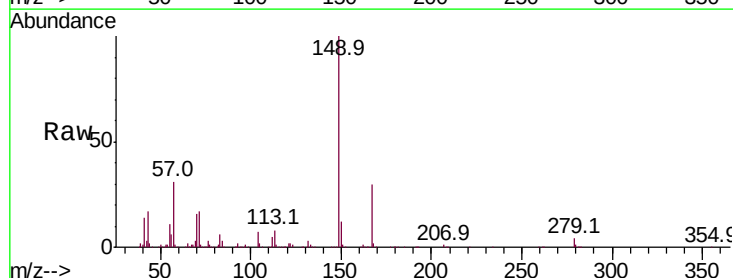
Tgt Ion:149 Resp: 384381

Ion Ratio Lower Upper

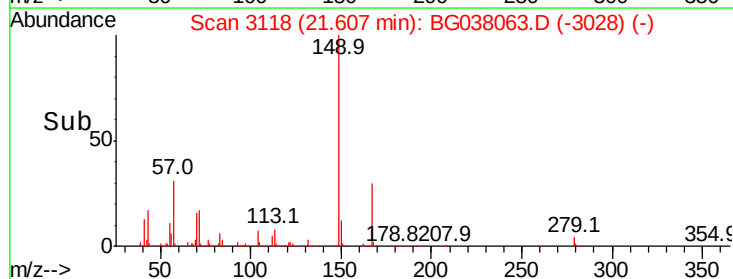
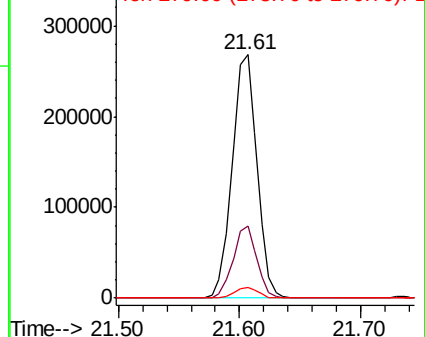
149 100

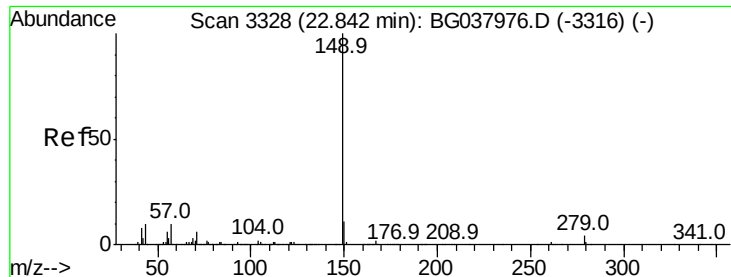
167 29.6 23.0 34.4

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

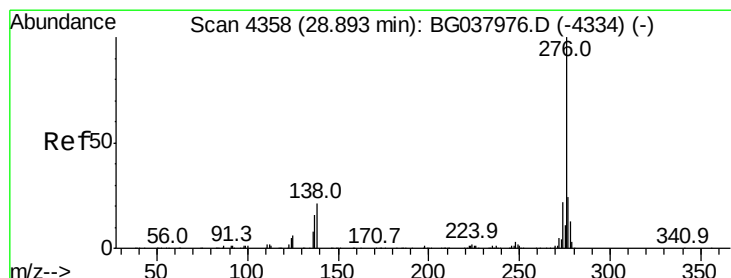
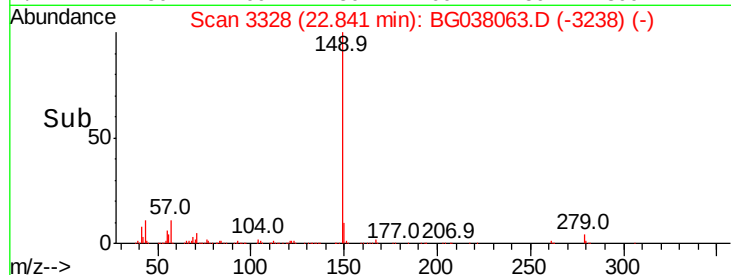
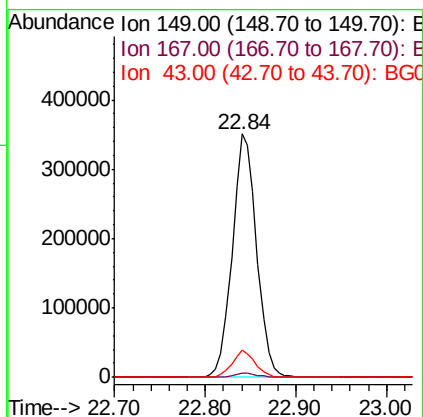
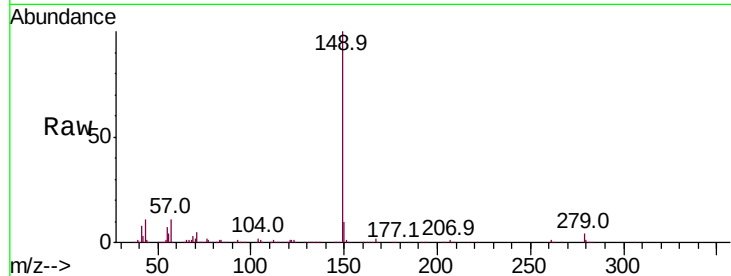




#85
Di-n-octyl phthalate
Concen: 41.065 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

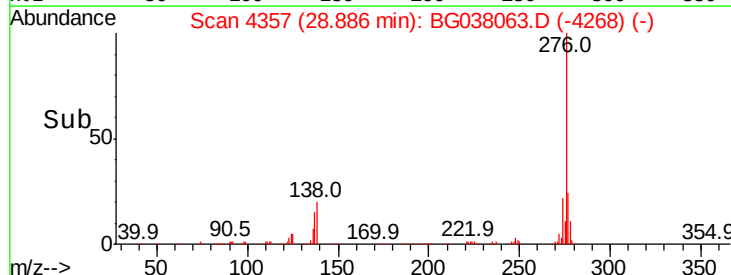
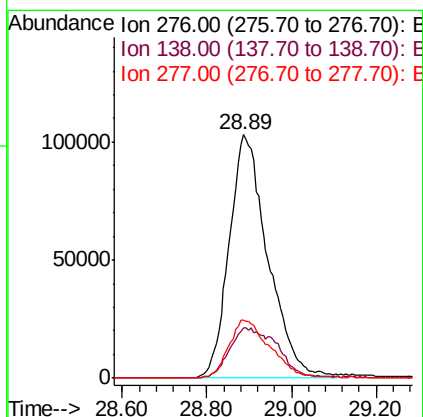
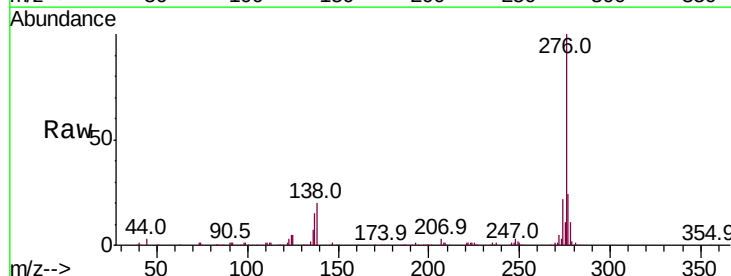
Instrument :
BNA_G
ClientSampleId :
PB114891BS

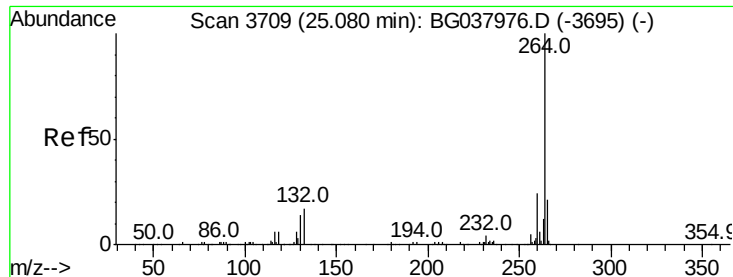
Tot Ion:149 Resp: 653077
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.266 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion:276 Resp: 654343
Ion Ratio Lower Upper
276 100
138 0.0 12.0 18.0#
277 25.3 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

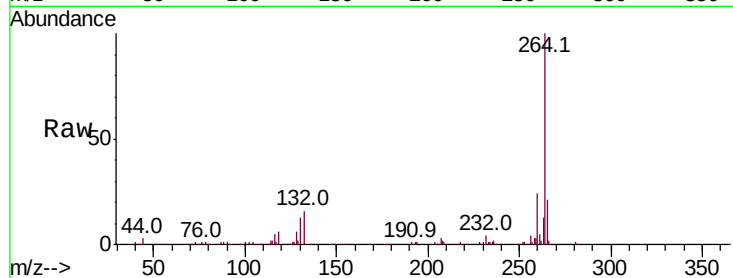
Tot Ion:264 Resp: 252844

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.4 17.9 26.9

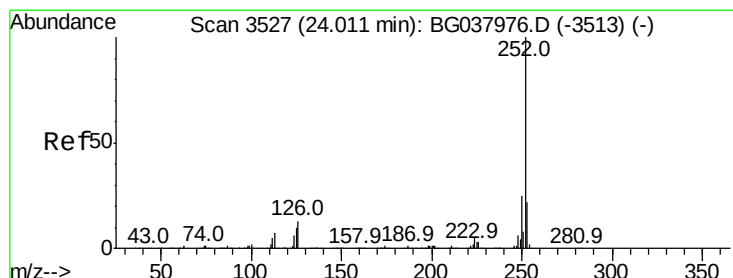
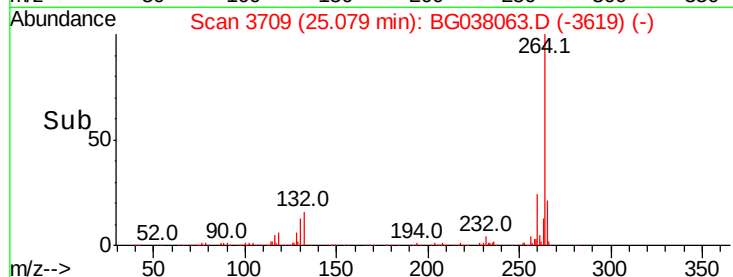
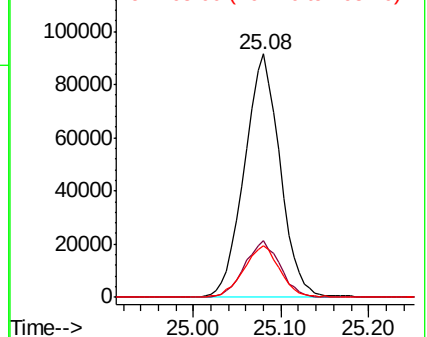


Abundance

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: 41.246 ng

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

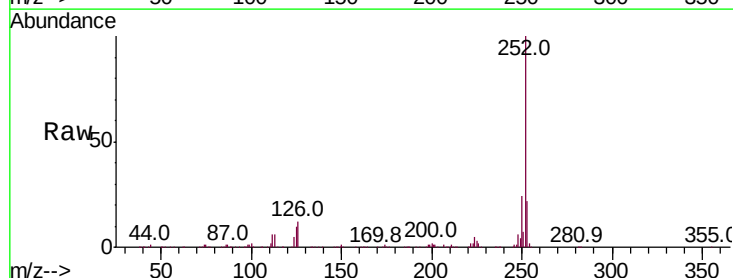
Tgt Ion:252 Resp: 573902

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 9.9 7.8 11.6

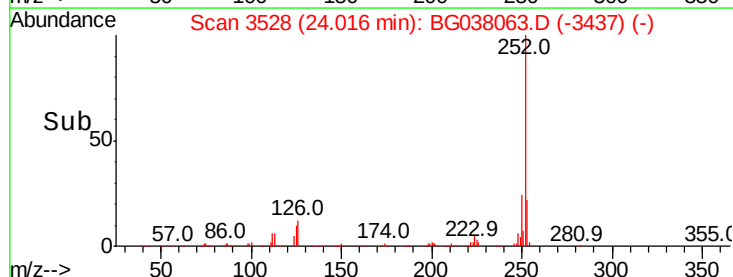
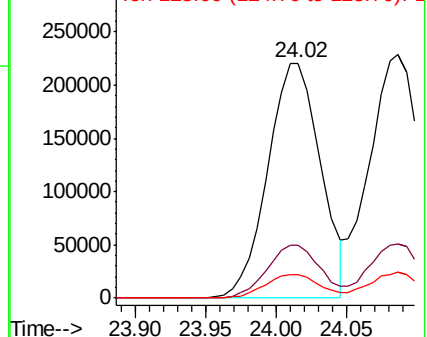


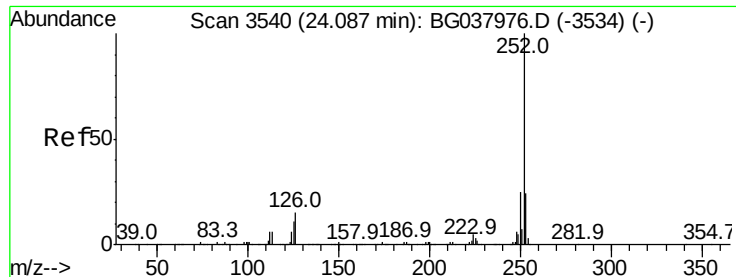
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

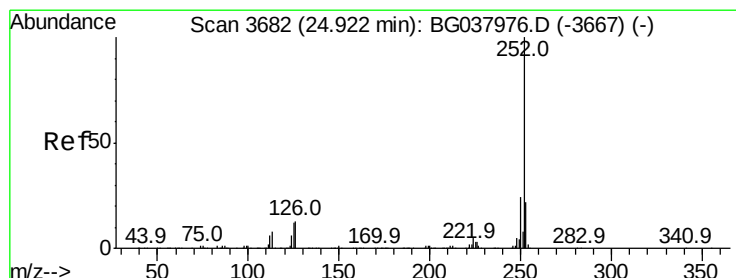
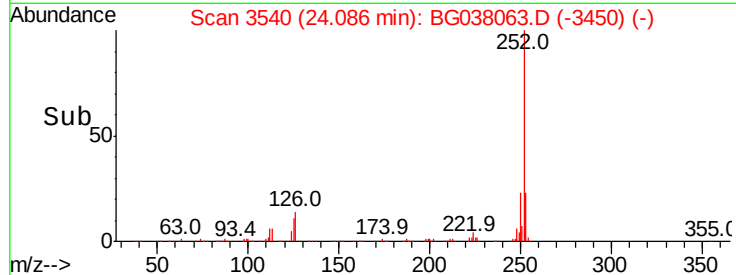
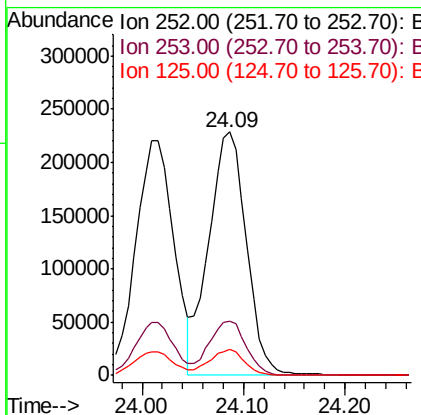
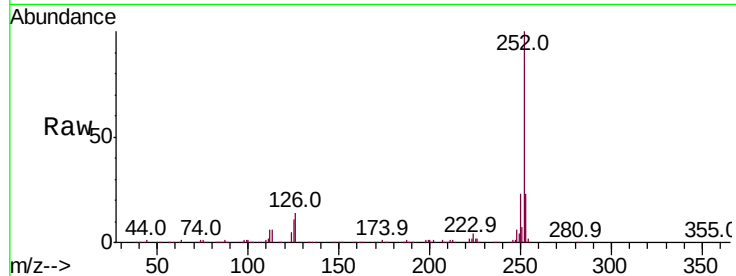




#89
Benzo(k)fluoranthene
Concen: 42.534 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

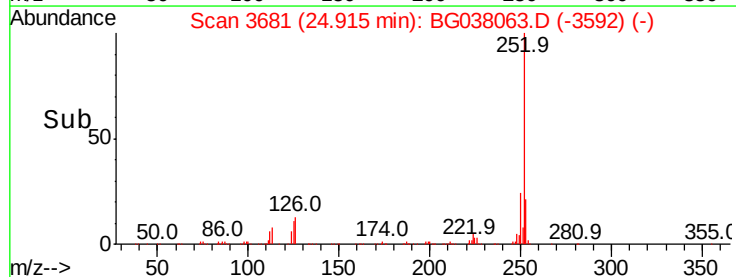
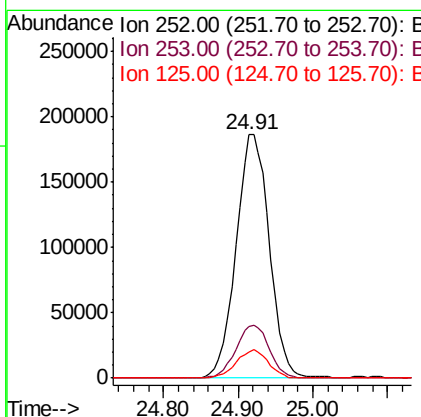
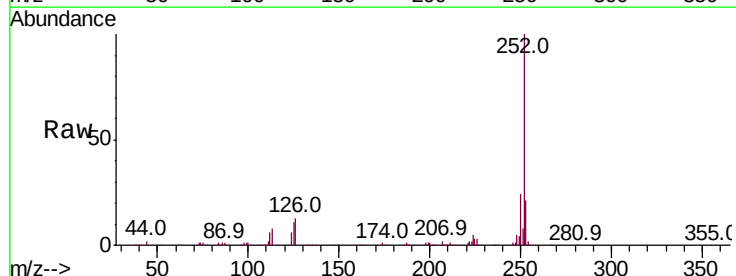
Instrument :
BNA_G
ClientSampleId :
PB114891BS

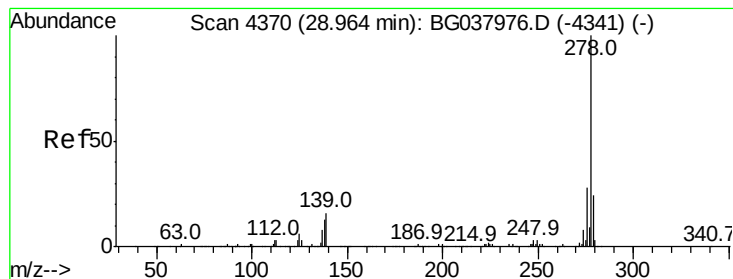
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 43.163 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038063.D
Acq: 19 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	10.7	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.830 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.01 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

PB114891BS

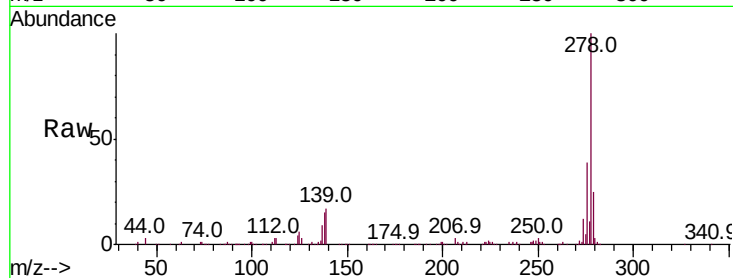
Tot Ion:278 Resp: 535195

Ion Ratio Lower Upper

278 100

139 16.8 11.5 17.3

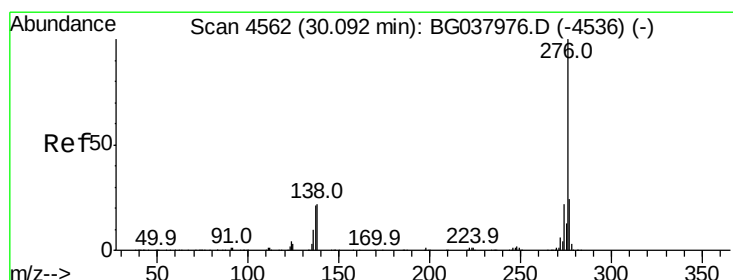
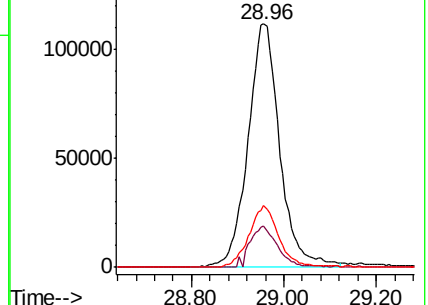
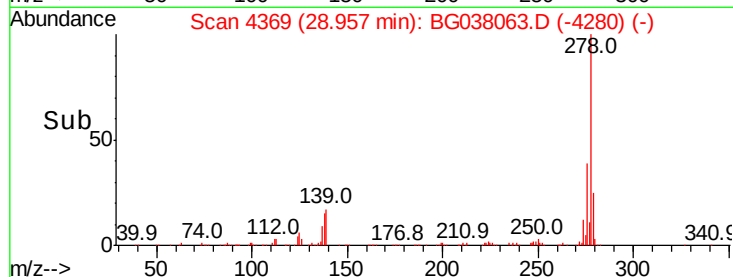
279 25.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.456 ng

RT: 30.09 min Scan# 4562

Delta R.T. -0.00 min

Lab File: BG038063.D

Acq: 19 Nov 2018 15:29

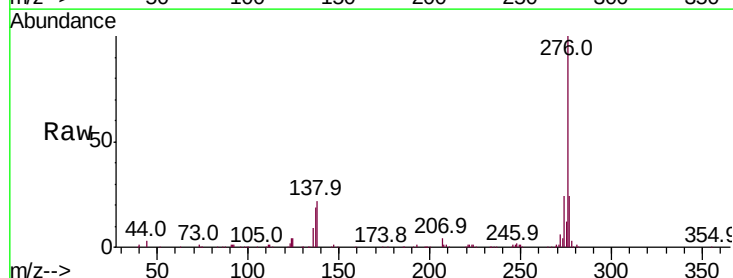
Tgt Ion:276 Resp: 527397

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 22.2 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

