

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036923.D
 Acq On : 24 Sep 2018 18:31
 Operator : JU/SJ
 Sample : J4770-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Quant Time: Sep 25 06:08:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44946	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	196667	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	132040	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	334525	20.00	ng	0.00
75) Chrysene-d12	21.69	240	339960	20.00	ng	0.00
86) Perylene-d12	24.89	264	352434	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	287859	122.83	ng	0.00
7) Phenol-d6	7.21	99	394014	108.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	299580	81.57	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	198099	125.40	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	686742	77.46	ng	0.00
78) Terphenyl-d14	20.02	244	1184297	91.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	45224	42.170	ng	# 89
3) Pyridine	3.93	79	122772	39.649	ng	97
4) n-Nitrosodimethylamine	3.84	42	73260	53.231	ng	# 91
6) Aniline	7.37	93	174518	37.092	ng	98
8) 2-Chlorophenol	7.61	128	142043	52.198	ng	93
9) Benzaldehyde	7.19	77	83326	34.777	ng	99
10) Phenol	7.23	94	174978	46.758	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	144808	41.833	ng	98
12) 1,3-Dichlorobenzene	7.93	146	150048	44.975	ng	98
13) 1,4-Dichlorobenzene	8.08	146	149429	43.768	ng	96
14) 1,2-Dichlorobenzene	8.40	146	143919	43.499	ng	97
15) Benzyl Alcohol	8.28	79	145844	49.570	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	309812	46.618	ng	99
17) 2-Methylphenol	8.48	107	131557	50.468	ng	96
18) Hexachloroethane	9.12	117	57753	45.967	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	135405	44.889	ng	99
20) 3+4-Methylphenols	8.81	107	181427	50.030	ng	99
22) Acetophenone	8.87	105	233352	50.491	ng	95
24) Nitrobenzene	9.25	77	198129	50.519	ng	99
25) Isophorone	9.77	82	388731	57.929	ng	99
26) 2-Nitrophenol	9.96	139	82555	52.810	ng	98
27) 2,4-Dimethylphenol	10.02	122	148181	60.853	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	219234	52.946	ng	98
29) 2,4-Dichlorophenol	10.50	162	156217	55.341	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	161568	45.736	ng	98
31) Naphthalene	10.90	128	484650	51.792	ng	98
32) Benzoic acid	10.02	122	148181	75.615	ng	# 16
33) 4-Chloroaniline	11.02	127	64483	15.156	ng	96
34) Hexachlorobutadiene	11.18	225	112586	46.086	ng	98
35) Caprolactam	11.79	113	23345	20.093	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	184947	54.910	ng	96
37) 2-Methylnaphthalene	12.50	142	378997	53.179	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	217770	47.287	ng	99
40) Hexachlorocyclopentadiene	12.84	237	252245	106.498	ng	99

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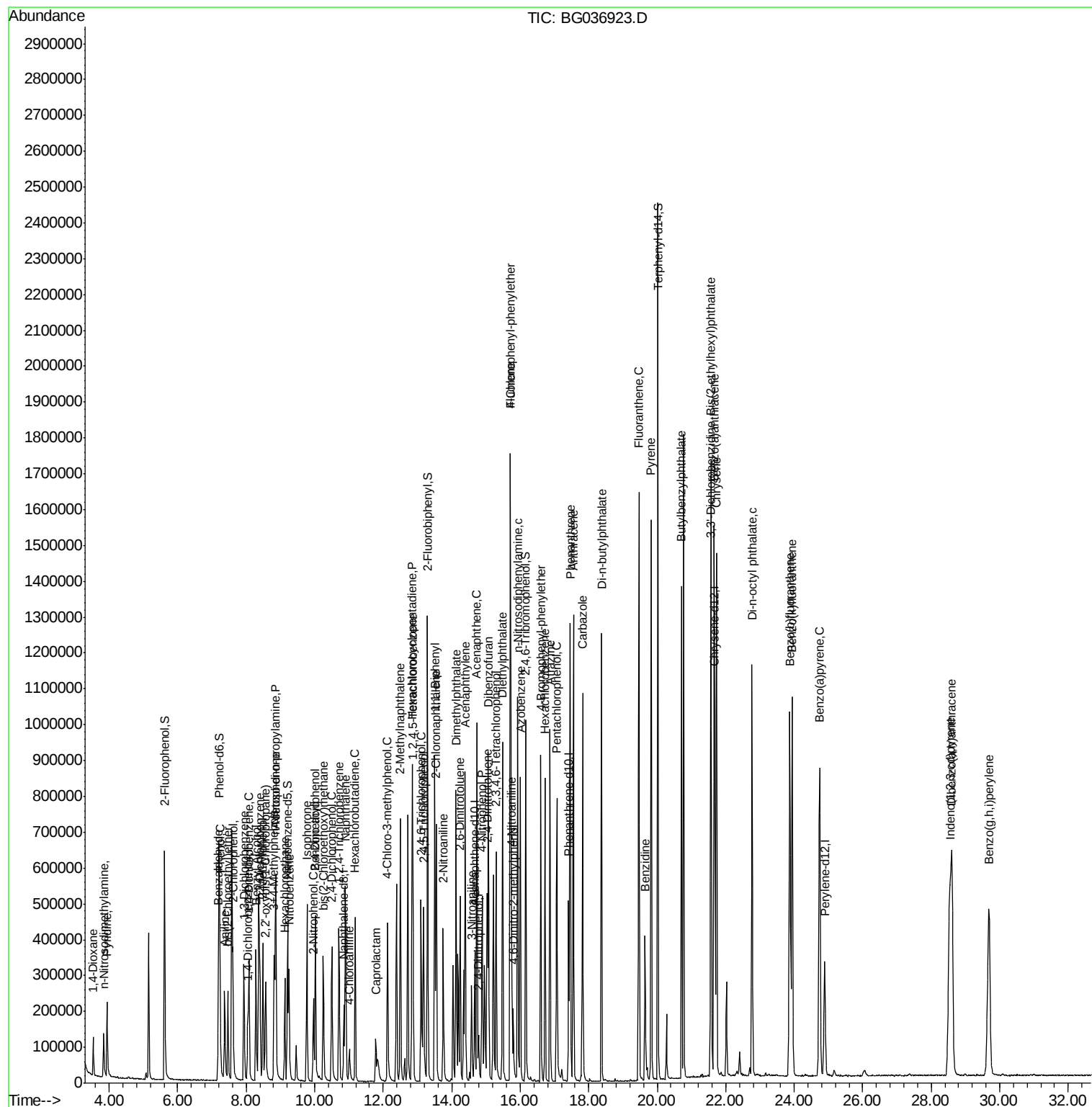
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	137363	53.713	ng	96
43) 2,4,5-Trichlorophenol	13.18	196	154371	56.610	ng	98
45) 1,1'-Biphenyl	13.51	154	506924	50.129	ng	97
46) 2-Chloronaphthalene	13.55	162	385775	48.510	ng	99
47) 2-Nitroaniline	13.75	65	148108	53.845	ng	98
48) Acenaphthylene	14.39	152	662876	53.193	ng	100
49) Dimethylphthalate	14.12	163	539522	50.763	ng	99
50) 2,6-Dinitrotoluene	14.25	165	119350	51.468	ng	99
51) Acenaphthene	14.74	154	379878	50.438	ng	99
52) 3-Nitroaniline	14.58	138	81773	33.465	ng	96
53) 2,4-Dinitrophenol	14.79	184	35190	36.934	ng	93
54) Dibenzofuran	15.07	168	635481	49.883	ng	100
55) 4-Nitrophenol	14.89	139	153422	98.282	ng	96
56) 2,4-Dinitrotoluene	15.03	165	168243	51.995	ng	93
57) Fluorene	15.72	166	511267	53.694	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	158144	57.168	ng	97
59) Diethylphthalate	15.49	149	541994	50.560	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	289704	48.043	ng	99
61) 4-Nitroaniline	15.75	138	129952	50.559	ng	95
62) Azobenzene	16.00	77	552700	53.660	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	49614	28.368	ng	95
65) n-Nitrosodiphenylamine	15.92	169	471616	51.067	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	189528	49.810	ng	97
67) Hexachlorobenzene	16.72	284	190692	48.659	ng	99
68) Atrazine	16.87	200	201795	53.964	ng	98
69) Pentachlorophenol	17.07	266	177006	71.739	ng	98
70) Phenanthrene	17.46	178	868627	53.883	ng	97
71) Anthracene	17.55	178	887834	55.698	ng	98
72) Carbazole	17.82	167	784538	50.479	ng	98
73) Di-n-butylphthalate	18.37	149	908556	52.640	ng	99
74) Fluoranthene	19.46	202	1063049	54.783	ng	99
76) Benzidine	19.65	184	293182	28.528	ng	96
77) Pyrene	19.82	202	1038755	50.918	ng	100
79) Butylbenzylphthalate	20.70	149	425424	52.318	ng	97
80) Benzo(a)anthracene	21.66	228	1045497	52.683	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	247523	32.768	ng	99
82) Chrysene	21.73	228	969324	50.553	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	582453	51.275	ng	99
84) Di-n-octyl phthalate	22.77	149	989378	52.899	ng	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1206500	58.596	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	1043368	55.551	ng	97
88) Benzo(k)fluoranthene	23.94	252	1007670	53.476	ng	98
89) Benzo(a)pyrene	24.74	252	1024244	56.407	ng	99
90) Dibenzo(a,h)anthracene	28.61	278	967397	56.846	ng	97
91) Benzo(g,h,i)perylene	29.69	276	999620	58.528	ng	97

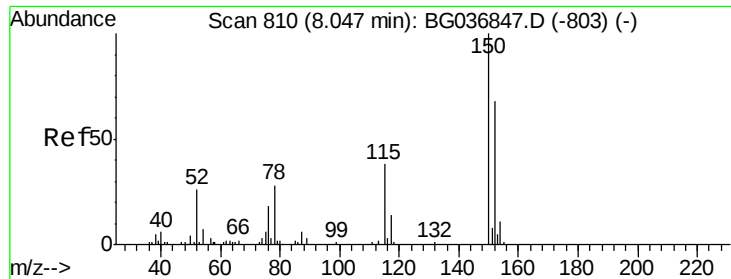
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

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Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

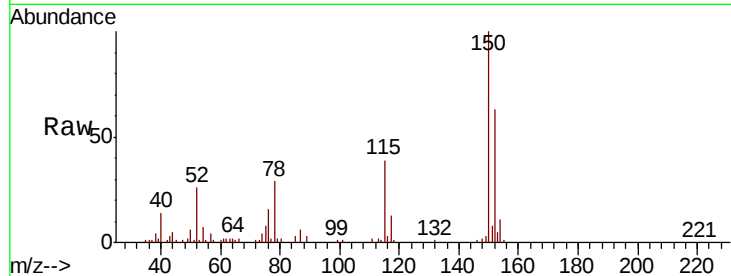
Tgt Ion:152 Resp: 44946

Ion Ratio Lower Upper

152 100

150 158.2 119.5 179.3

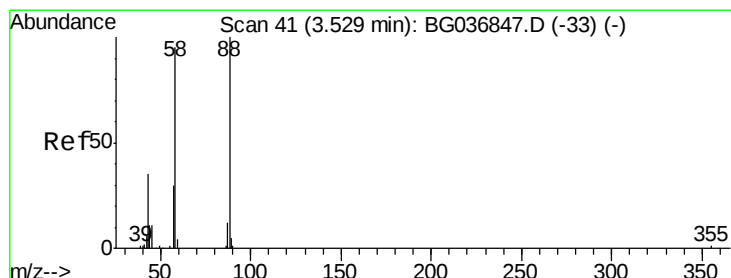
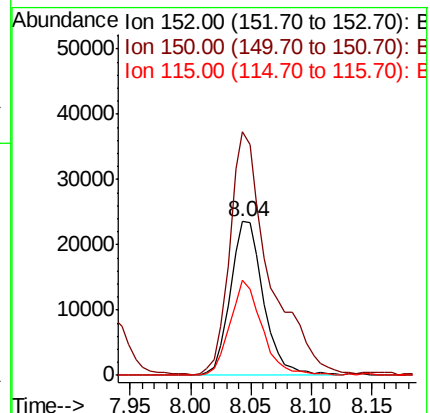
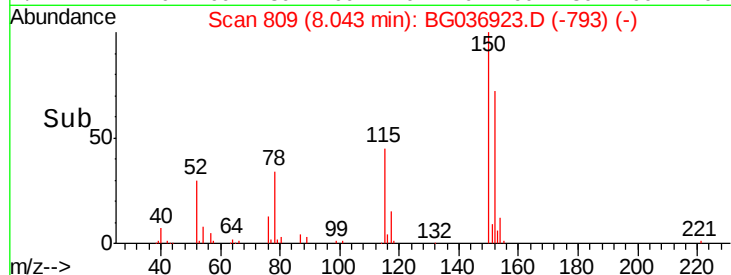
115 62.2 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.170 ng

RT: 3.54 min Scan# 42

Delta R.T. 0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

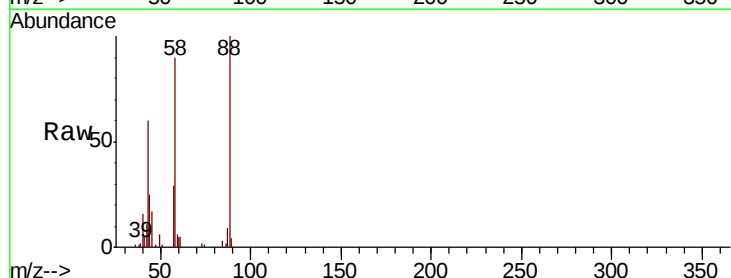
Tgt Ion: 88 Resp: 45224

Ion Ratio Lower Upper

88 100

58 95.2 72.6 109.0

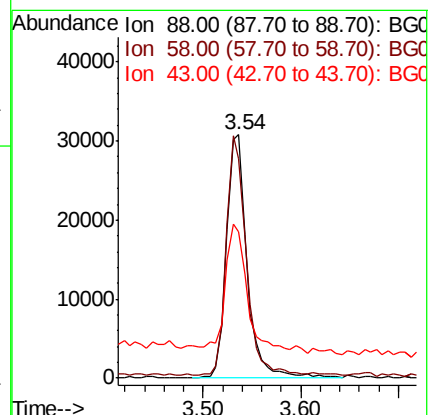
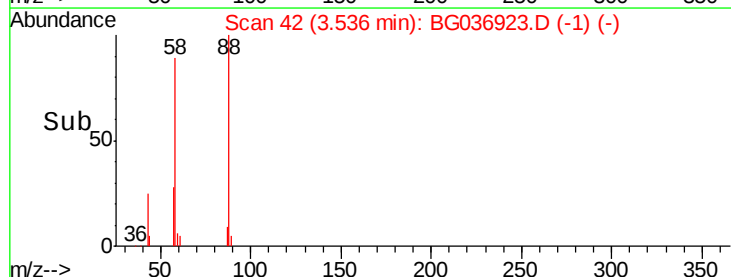
43 51.4 29.0 43.4#

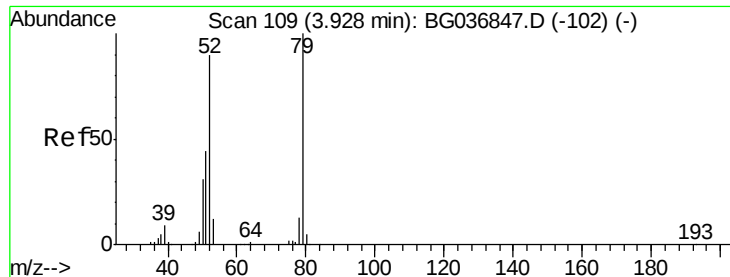


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.649 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

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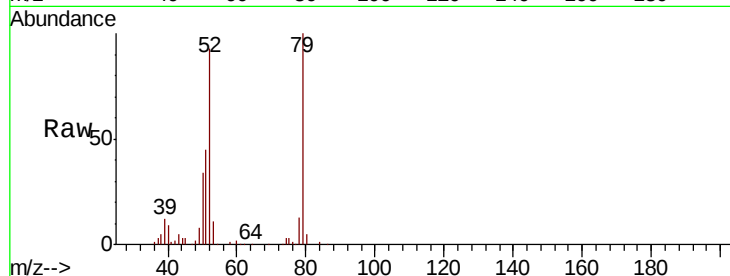
Tgt Ion: 79 Resp: 122772

Ion Ratio Lower Upper

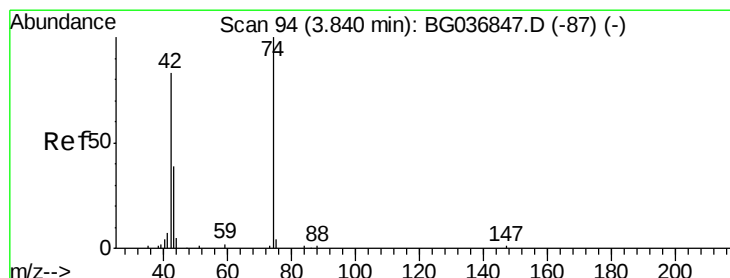
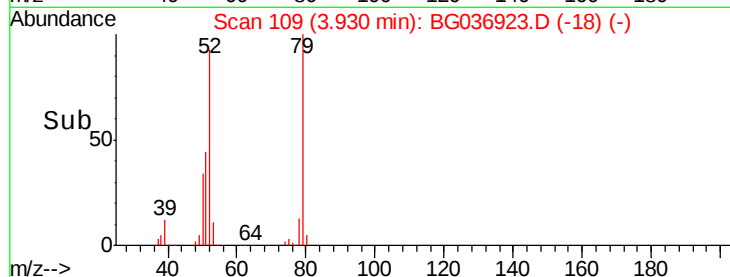
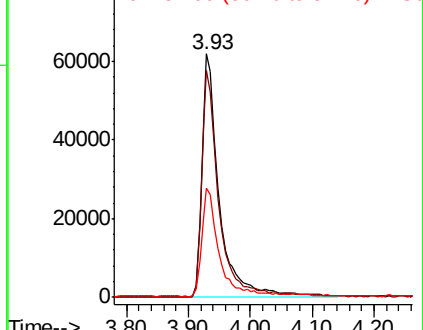
79 100

52 93.2 72.3 108.5

51 45.0 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 53.231 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

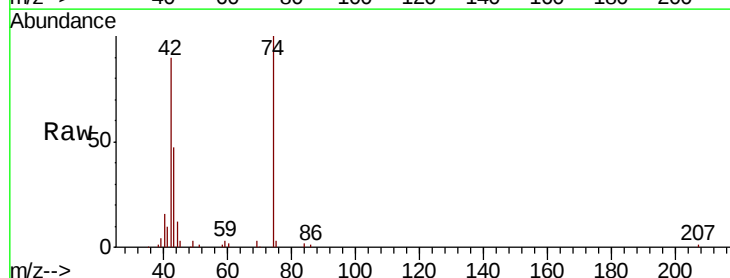
Tgt Ion: 42 Resp: 73260

Ion Ratio Lower Upper

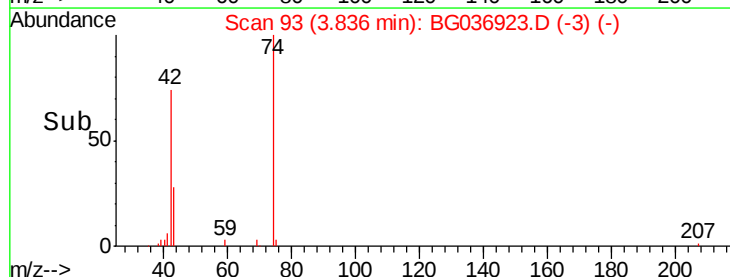
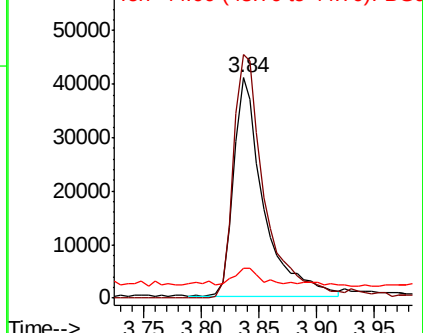
42 100

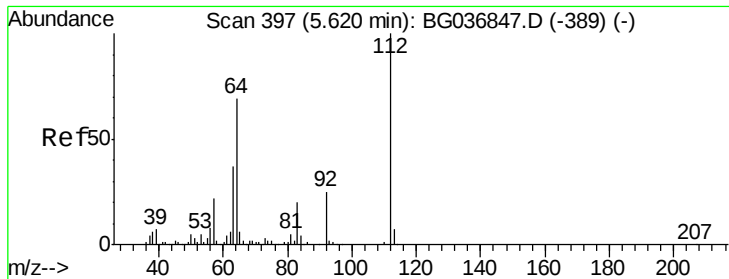
74 110.6 96.6 145.0

44 13.4 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 122.825 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

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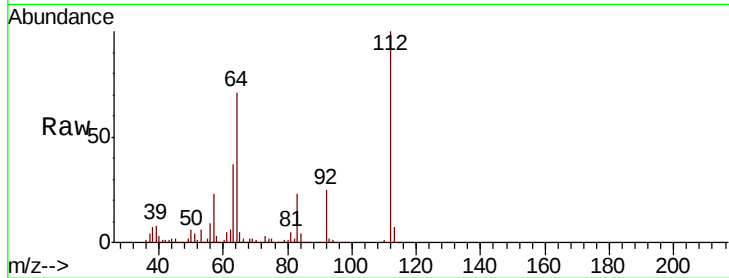
Tgt Ion:112 Resp: 287859

Ion Ratio Lower Upper

112 100

64 70.8 57.2 85.8

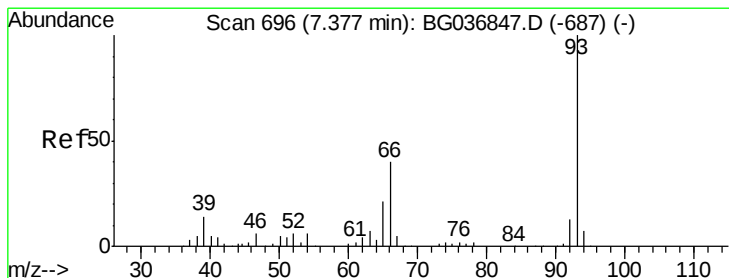
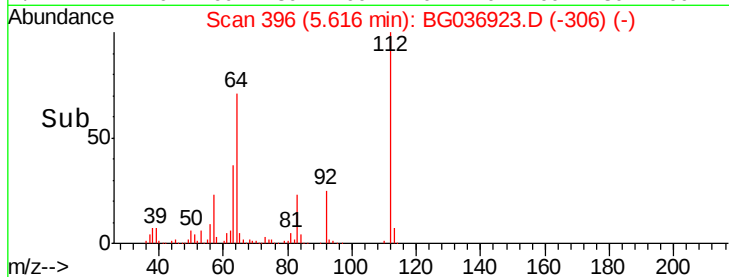
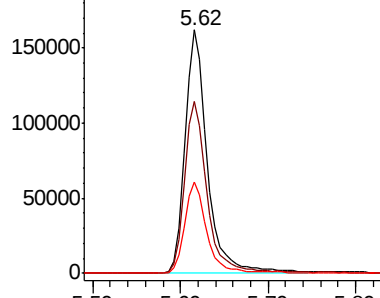
63 37.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.092 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

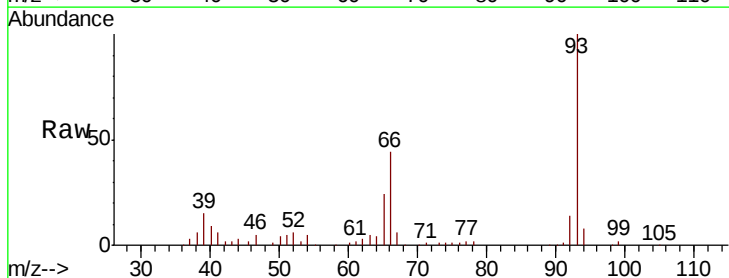
Tgt Ion: 93 Resp: 174518

Ion Ratio Lower Upper

93 100

66 44.3 35.0 52.4

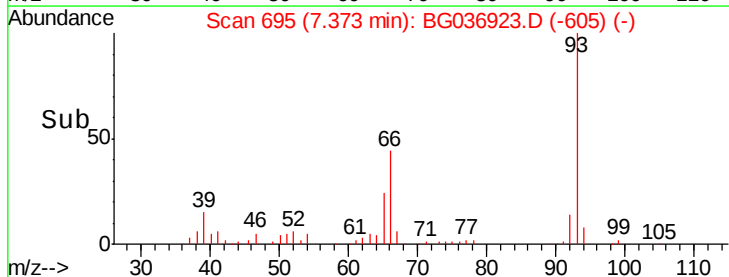
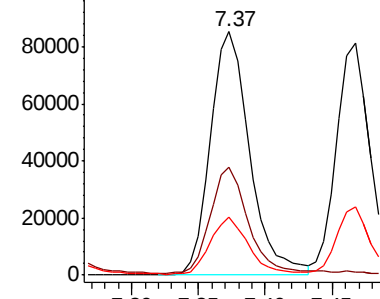
65 23.8 17.6 26.4

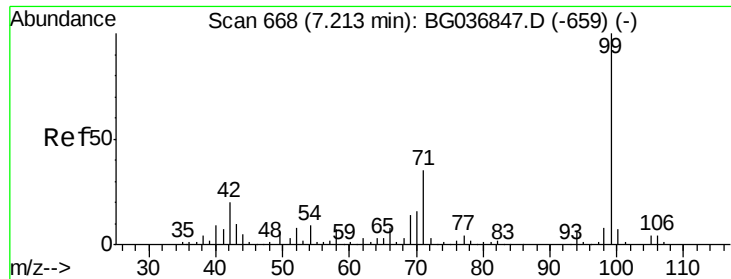


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.663 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

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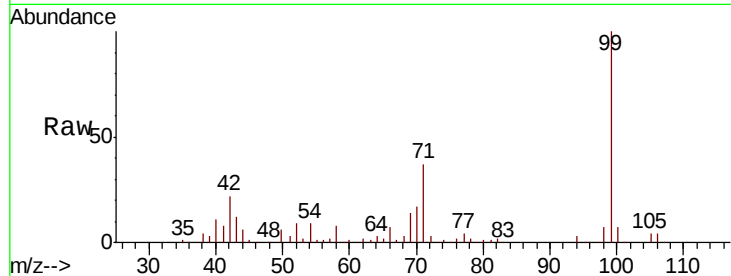
Tgt Ion: 99 Resp: 394014

Ion Ratio Lower Upper

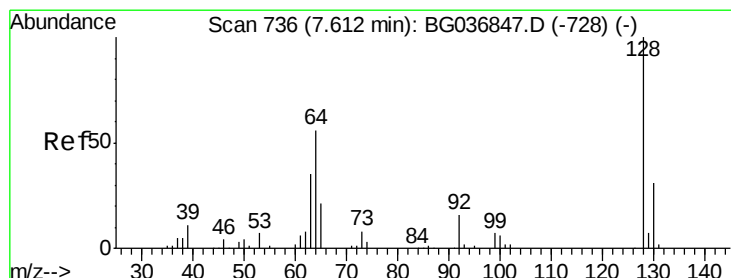
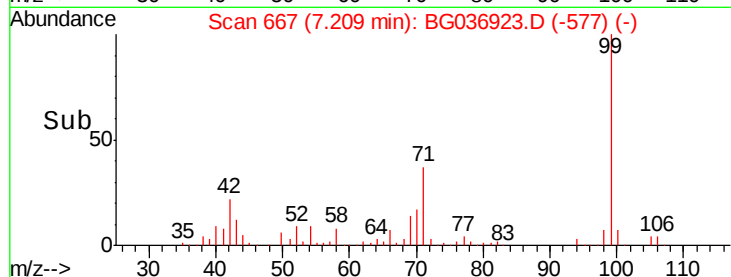
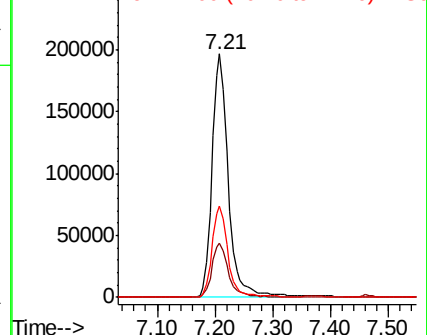
99 100

42 22.3 16.5 24.7

71 37.3 29.4 44.2



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: 52.198 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

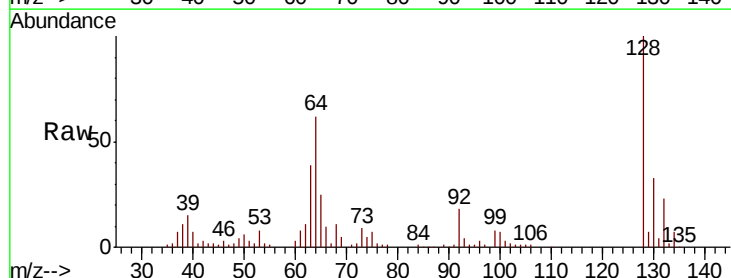
Tgt Ion: 128 Resp: 142043

Ion Ratio Lower Upper

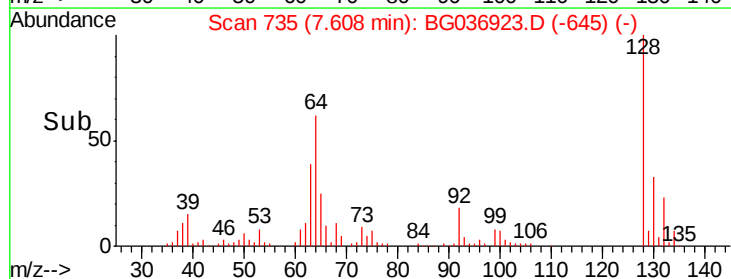
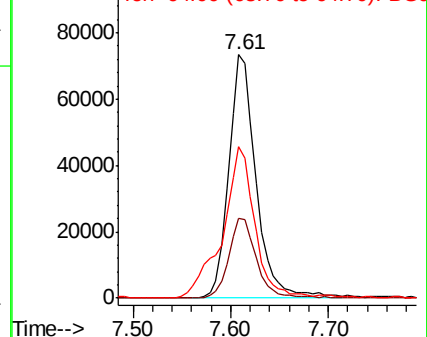
128 100

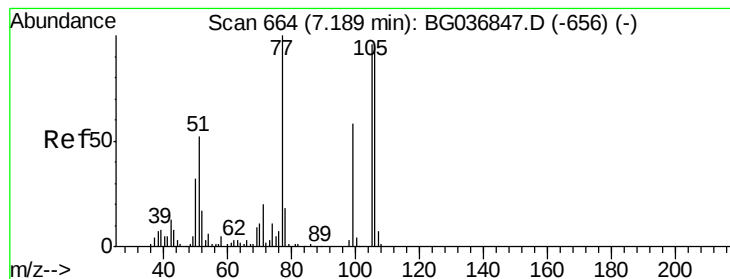
130 32.7 10.0 50.0

64 62.3 36.0 76.0



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: 34.777 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

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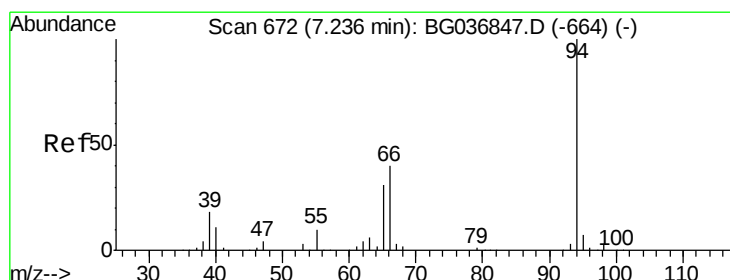
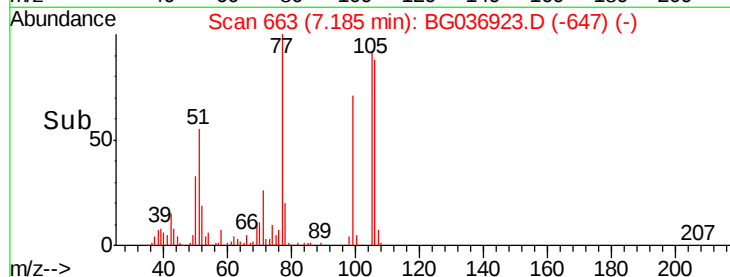
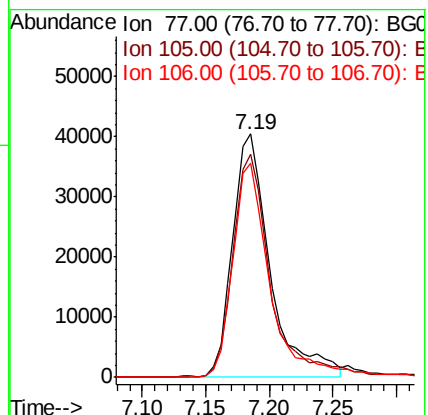
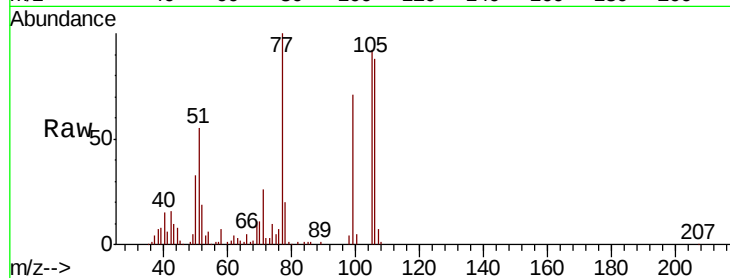
Tgt Ion: 77 Resp: 83326

Ion Ratio Lower Upper

77 100

105 91.5 70.5 110.5

106 88.0 69.8 109.8



#10

Phenol

Concen: 46.758 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

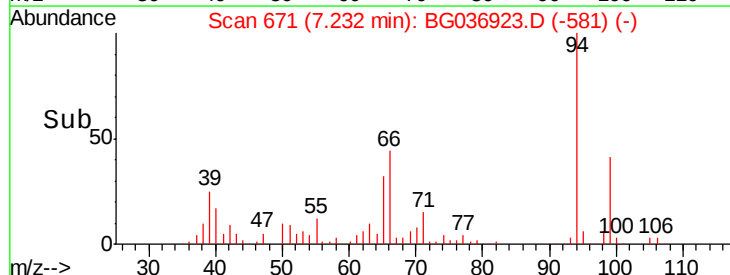
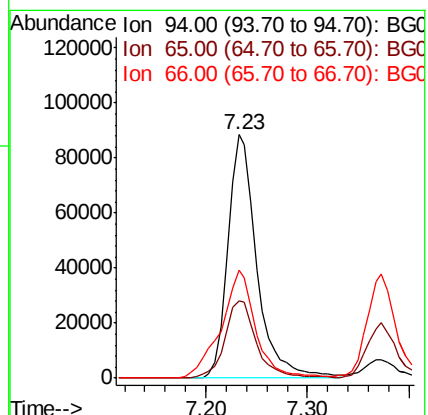
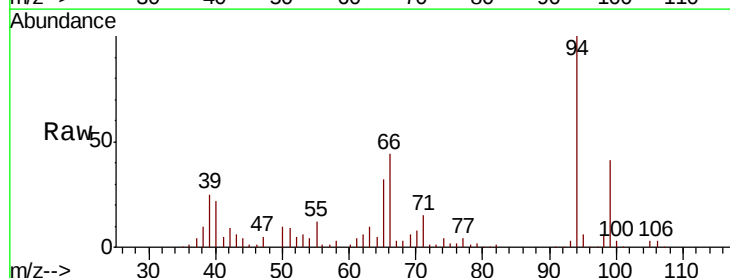
Tgt Ion: 94 Resp: 174978

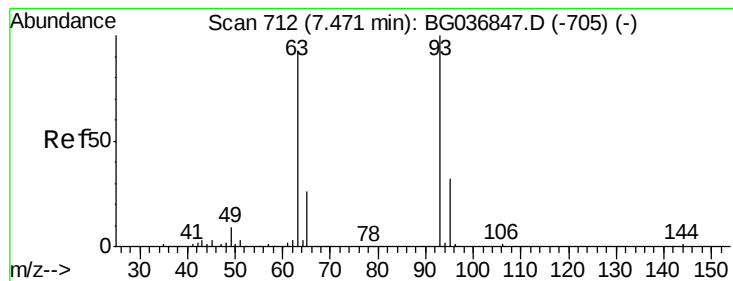
Ion Ratio Lower Upper

94 100

65 31.8 11.5 51.5

66 44.4 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 41.833 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

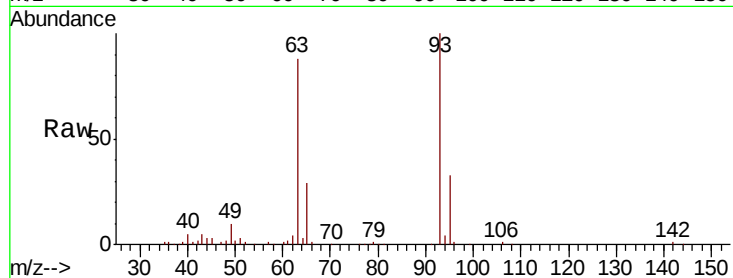
Tgt Ion: 93 Resp: 144808

Ion Ratio Lower Upper

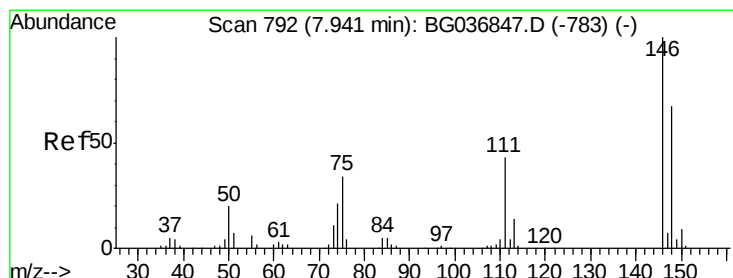
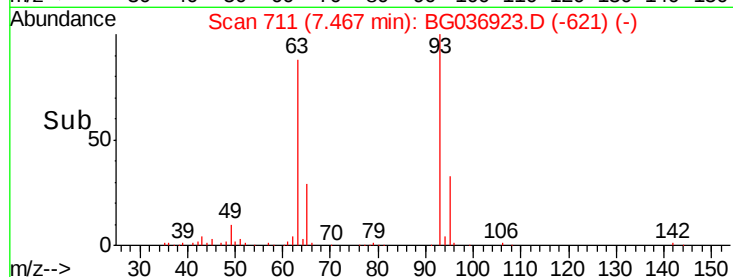
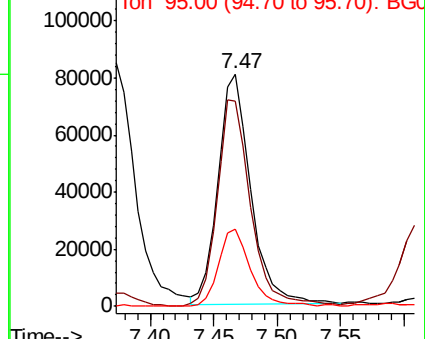
93 100

63 88.4 69.9 109.9

95 33.5 11.7 51.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.975 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

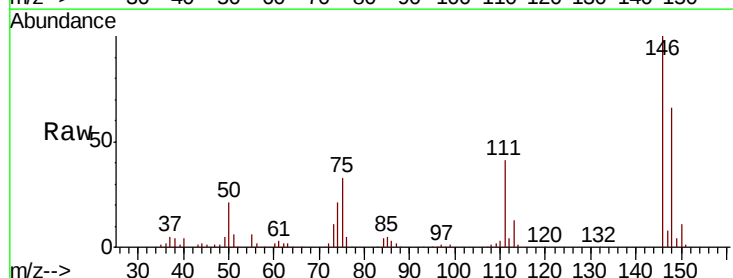
Tgt Ion: 146 Resp: 150048

Ion Ratio Lower Upper

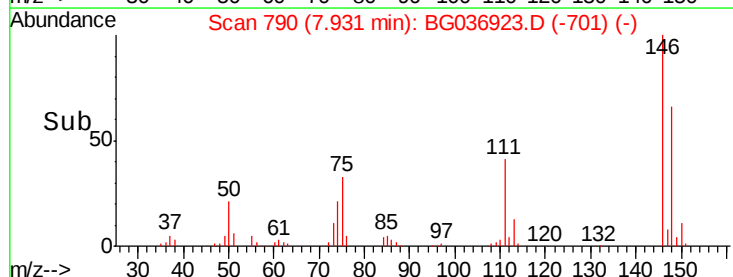
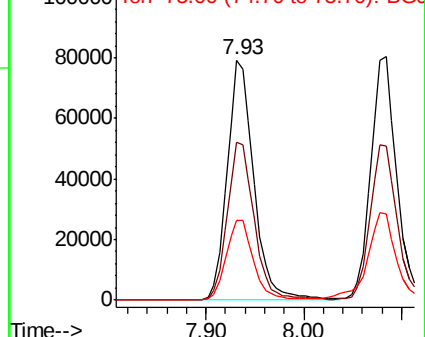
146 100

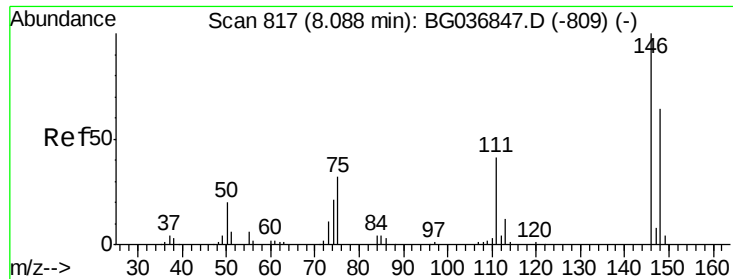
148 65.5 53.8 80.6

75 33.4 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.768 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

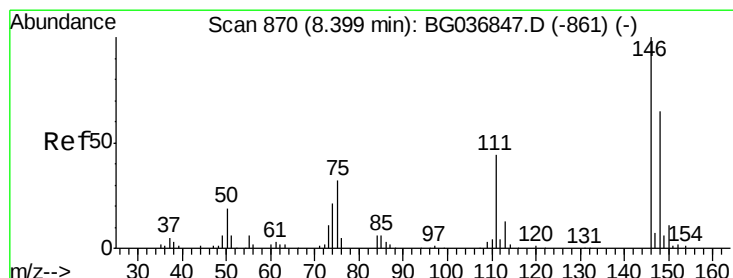
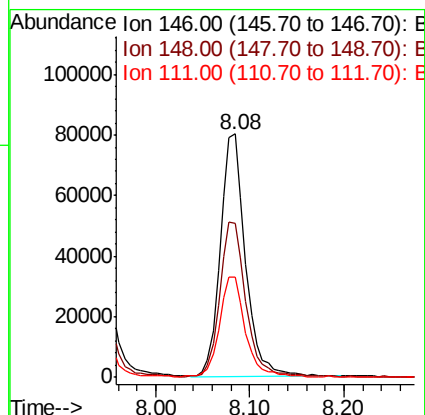
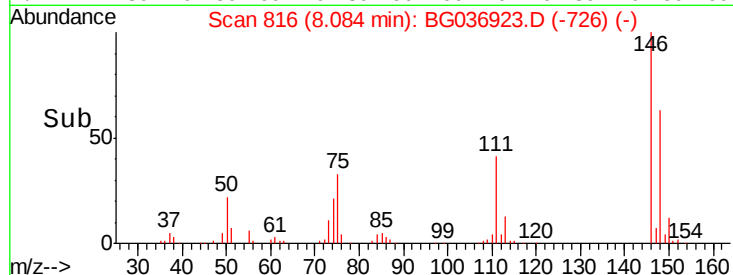
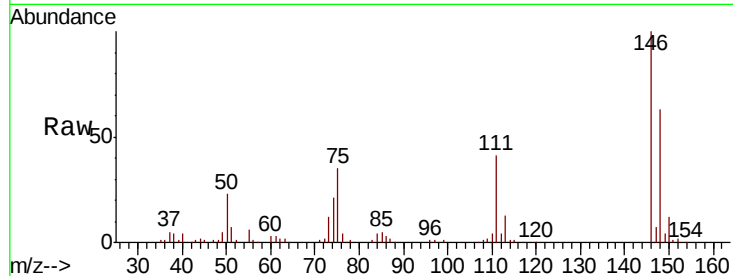
Tgt Ion:146 Resp: 149429

Ion Ratio Lower Upper

146 100

148 63.2 53.9 80.9

111 41.4 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 43.499 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

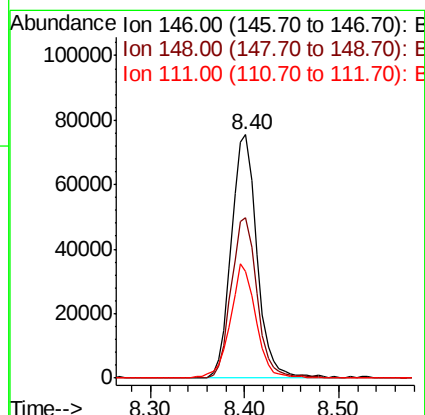
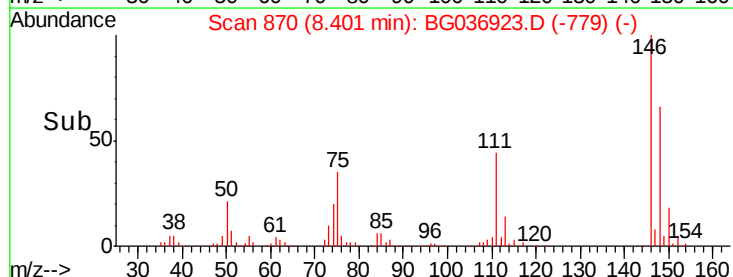
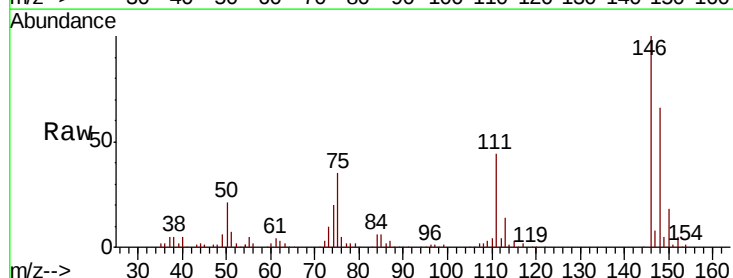
Tgt Ion:146 Resp: 143919

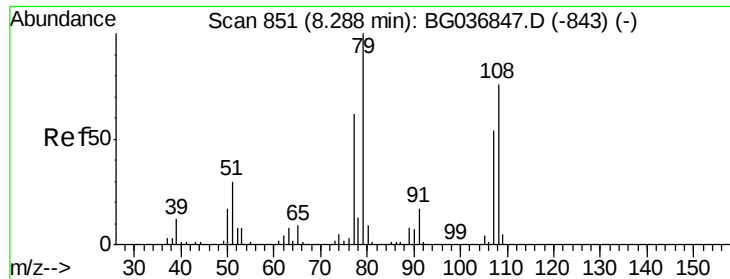
Ion Ratio Lower Upper

146 100

148 66.1 55.0 82.6

111 44.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 49.570 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

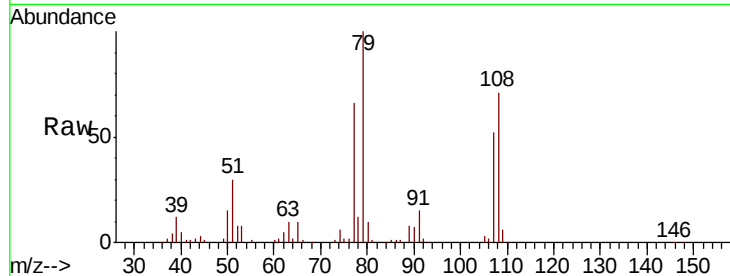
Tgt Ion: 79 Resp: 145844

Ion Ratio Lower Upper

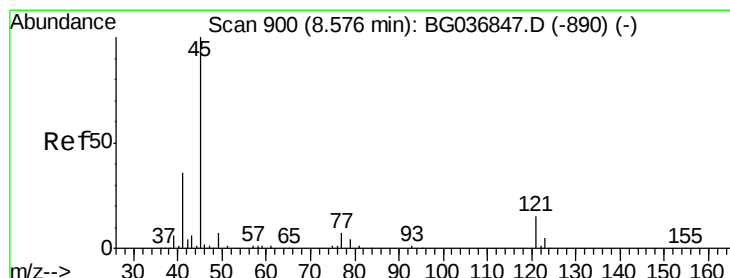
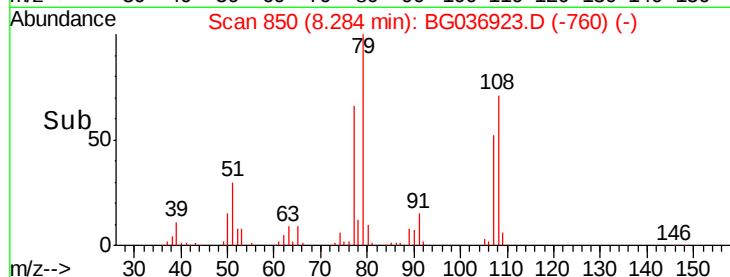
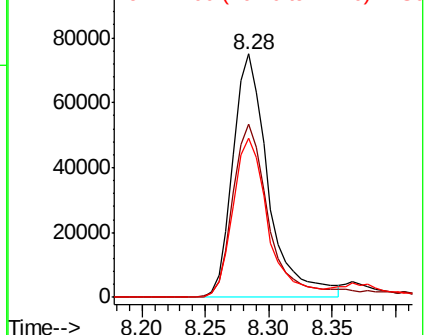
79 100

108 71.1 55.9 83.9

77 65.5 50.0 75.0



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: 46.618 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

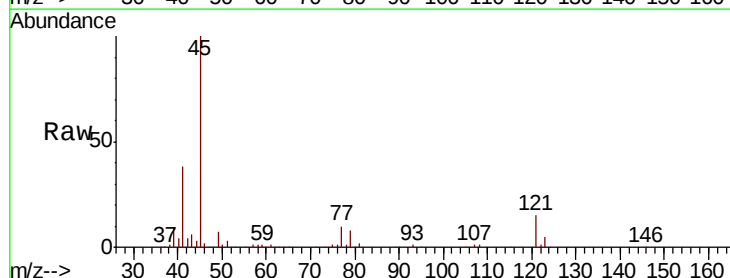
Tgt Ion: 45 Resp: 309812

Ion Ratio Lower Upper

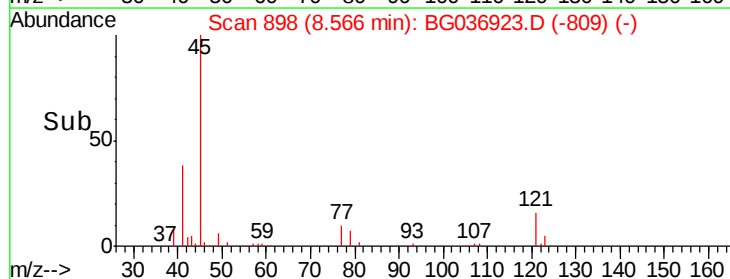
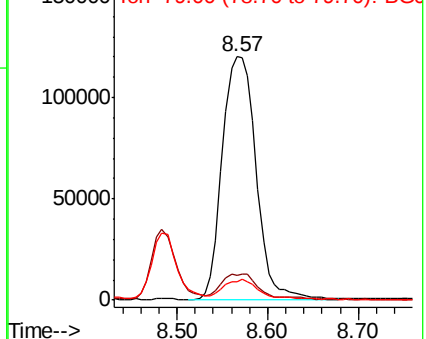
45 100

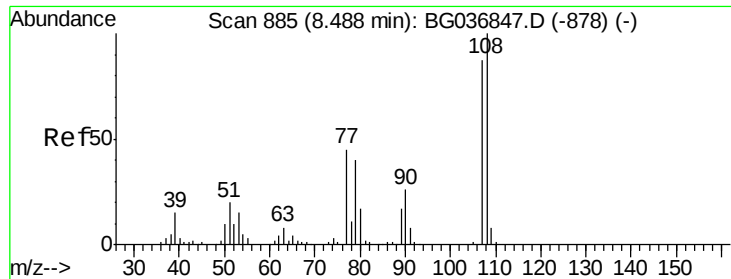
77 10.3 0.0 30.5

79 7.7 0.0 27.9



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

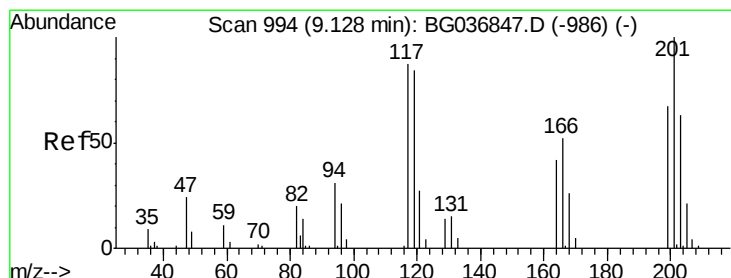
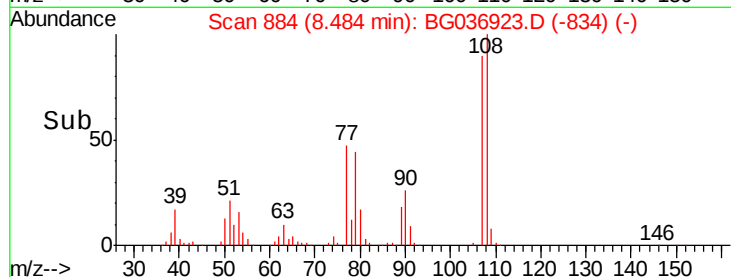
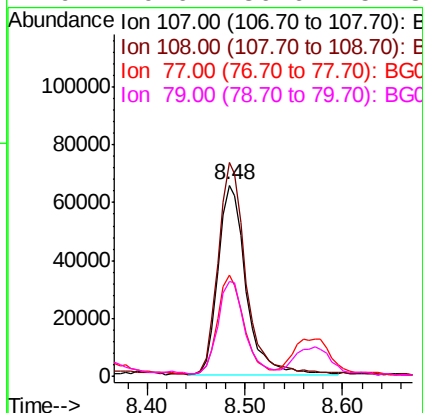
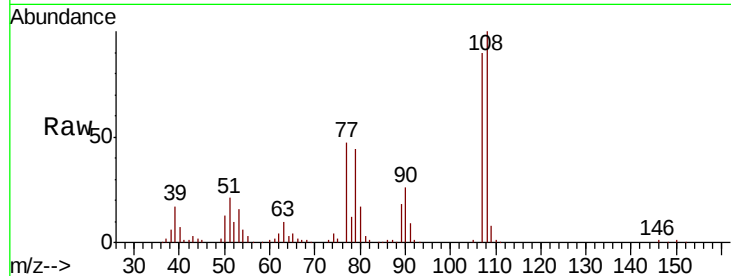




#17
2-Methylphenol
Concen: 50.468 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

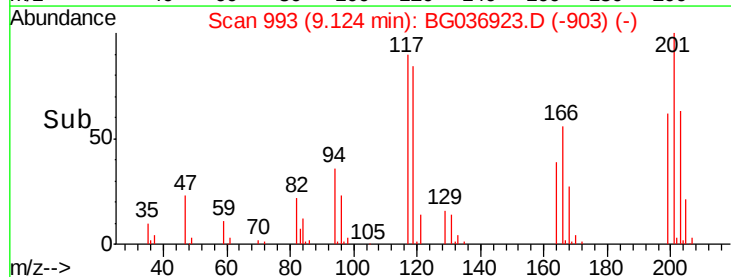
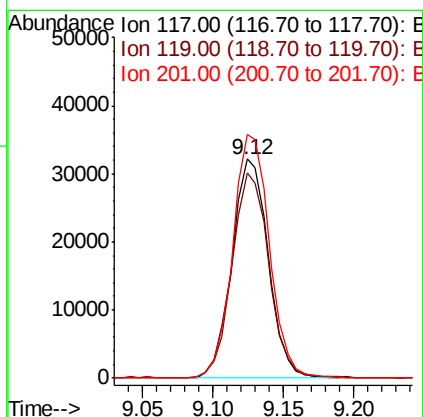
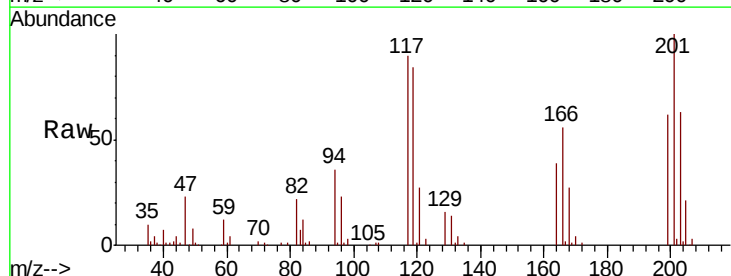
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

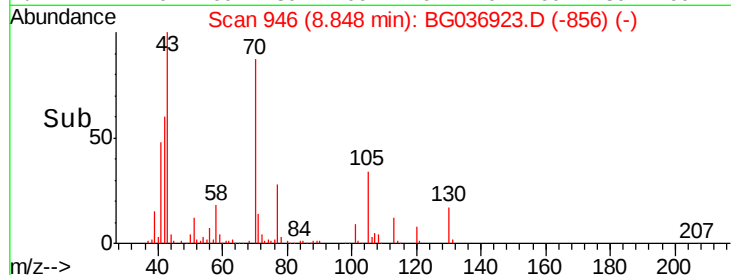
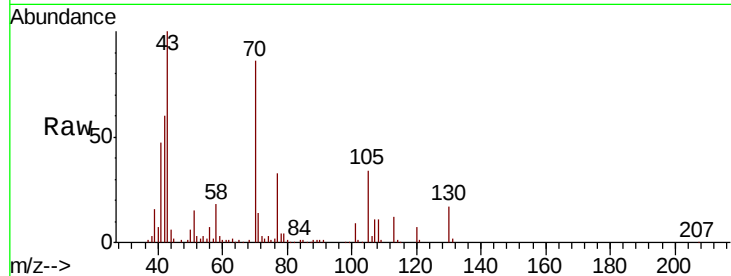
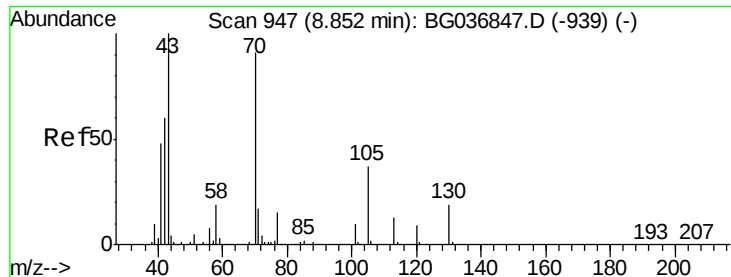
Tgt Ion:	107	Resp:	131557
Ion	Ratio	Lower	Upper
107	100		
108	111.6	86.7	130.1
77	52.7	39.0	58.4
79	49.6	36.6	54.8



#18
Hexachloroethane
Concen: 45.967 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:	117	Resp:	57753
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.8	115.2
201	111.3	85.7	128.5

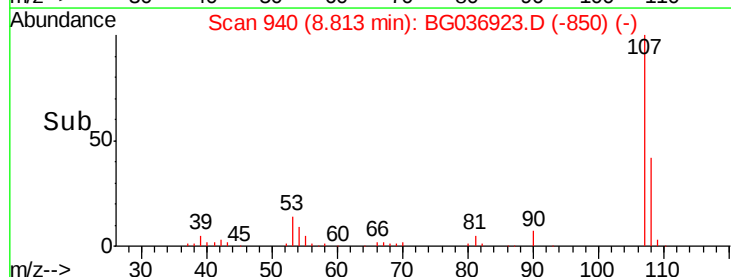
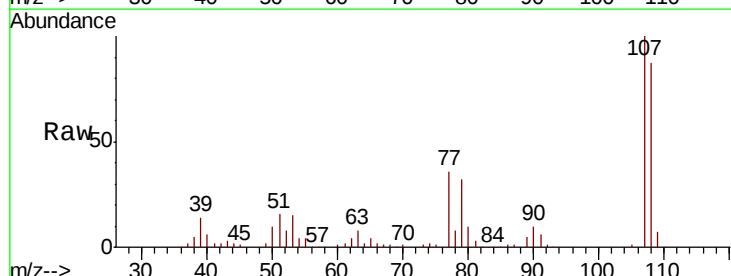
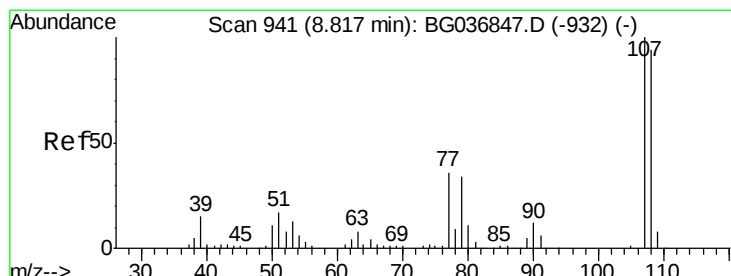
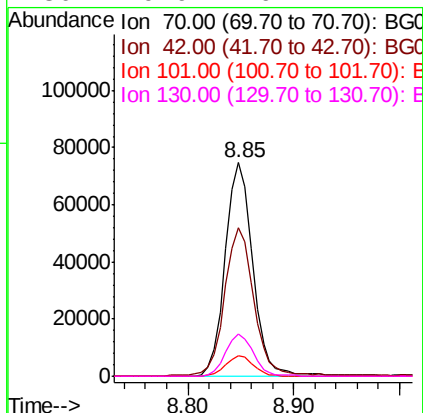




#19
n-Nitroso-di-n-propylamine
Concen: 44.889 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

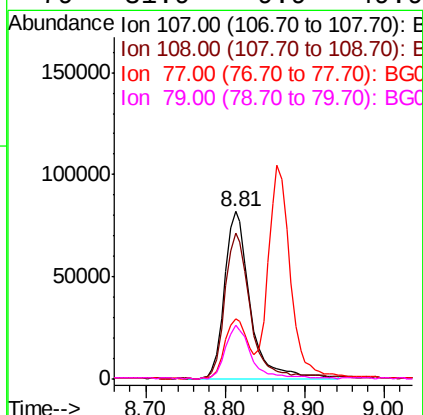
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tgt Ion:	70	Resp:	135405
Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.2	84.4
101	9.9	7.8	11.6
130	19.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 50.030 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:	107	Resp:	181427
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.0	108.0
77	36.2	15.6	55.6
79	31.9	9.9	49.9

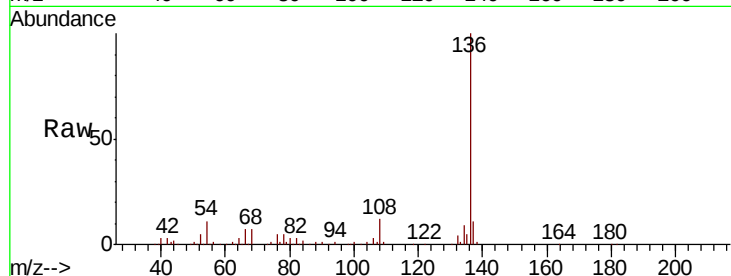




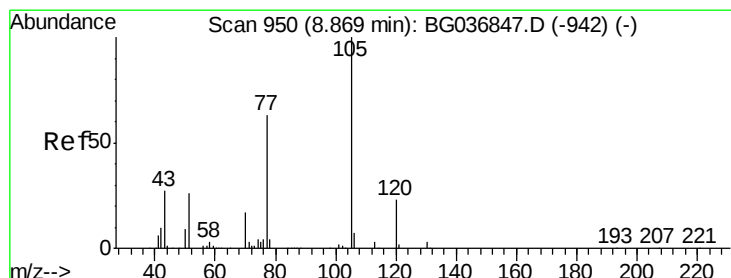
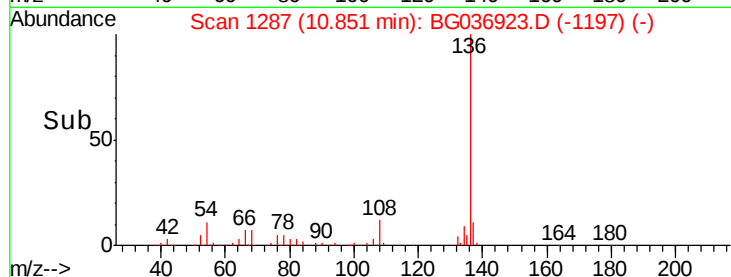
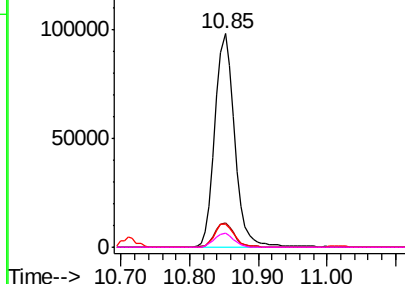
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tgt Ion:	136	Resp:	196667
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.8	9.2	13.8
68	6.8	5.8	8.6

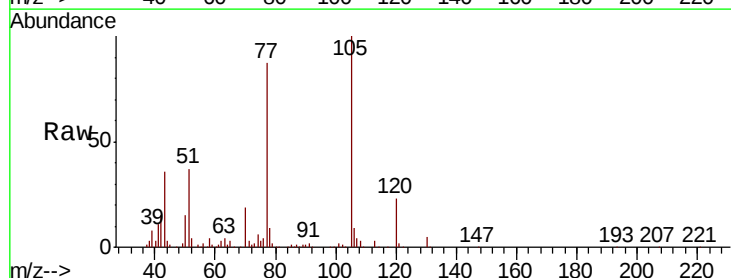


Abundance Ion 136.00 (135.70 to 136.70): E
150000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

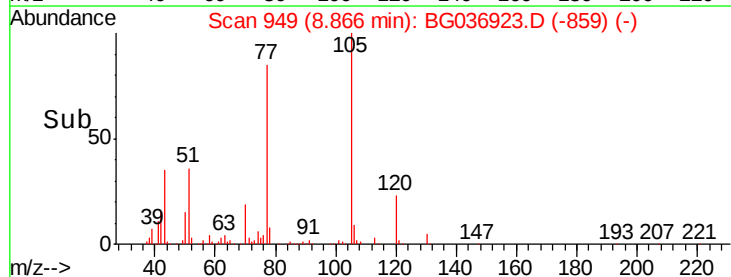
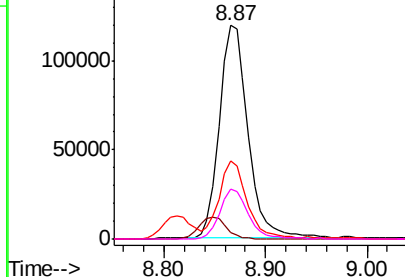


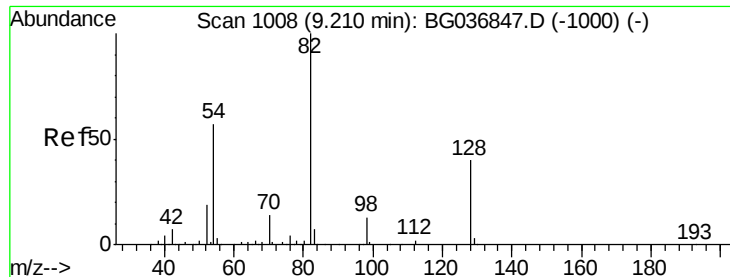
#22
Acetophenone
Concen: 50.491 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:	105	Resp:	233352
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.4	3.6
51	36.7	25.9	38.9
120	23.3	19.4	29.0



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

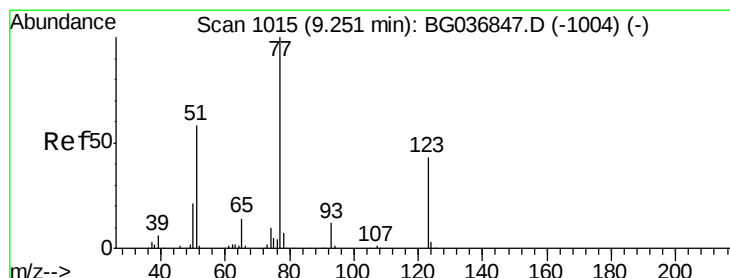
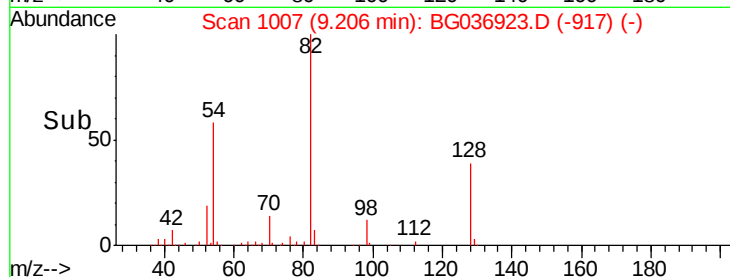
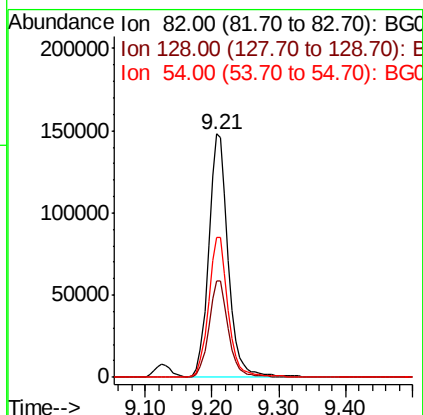
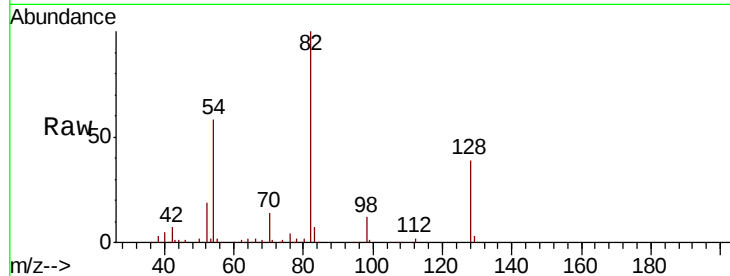




#23
Nitrobenzene-d5
Concen: 81.574 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

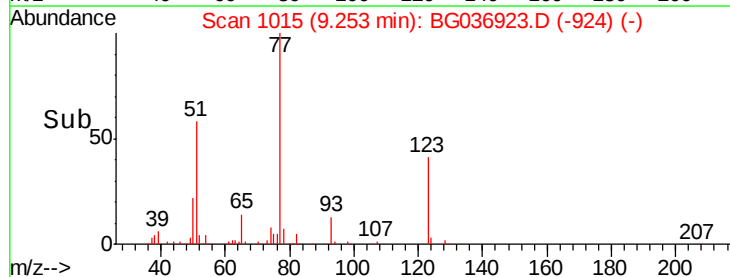
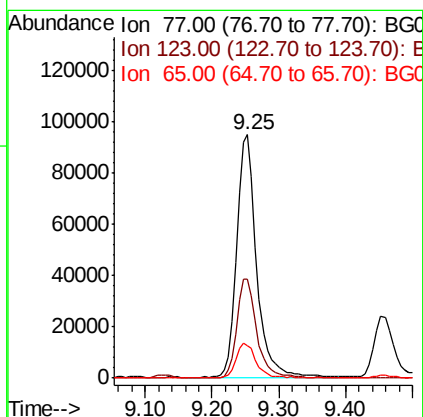
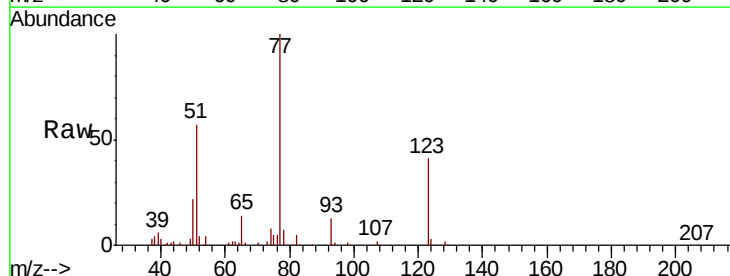
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

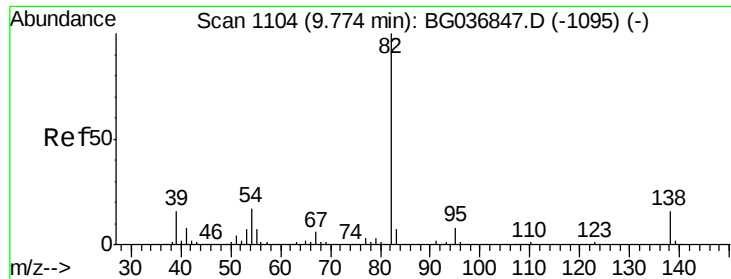
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.3	49.9
54	57.7	45.1	67.7



#24
Nitrobenzene
Concen: 50.519 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	32.4	48.6
65	13.5	11.5	17.3





#25

Isophorone

Concen: 57.929 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

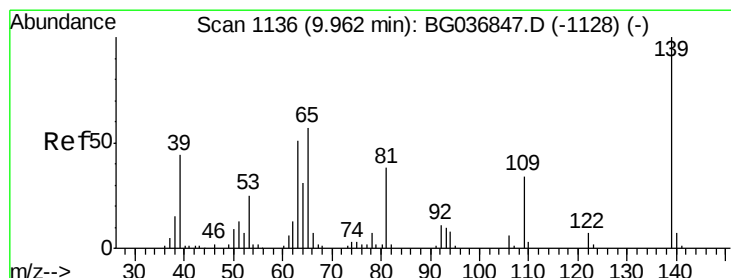
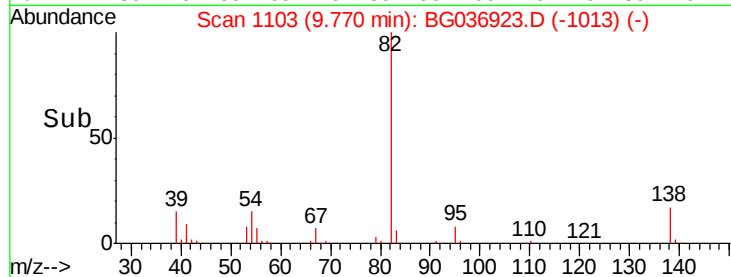
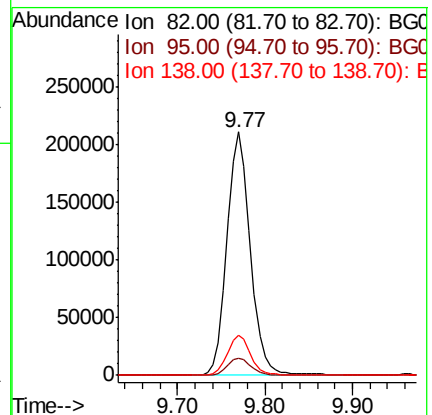
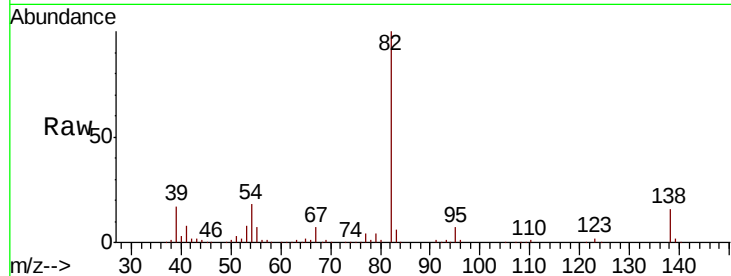
Tgt Ion: 82 Resp: 388731

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 52.810 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

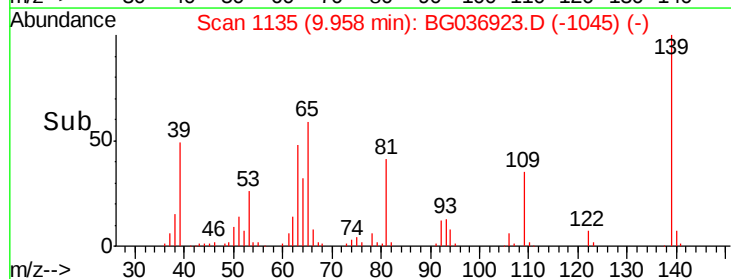
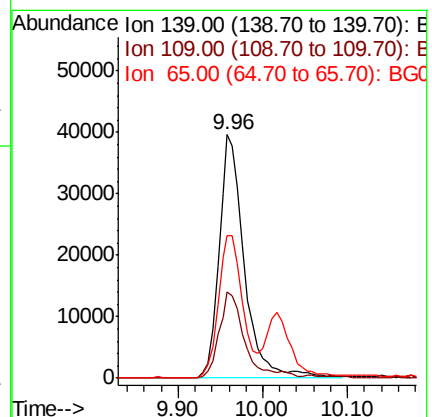
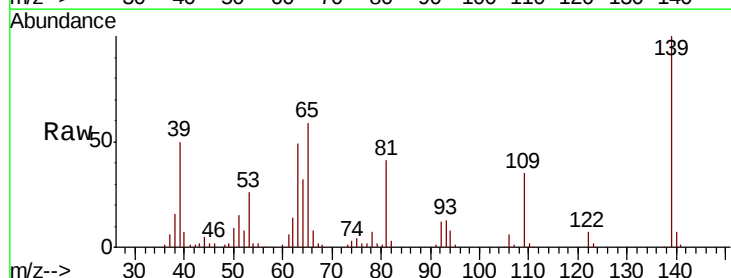
Tgt Ion: 139 Resp: 82555

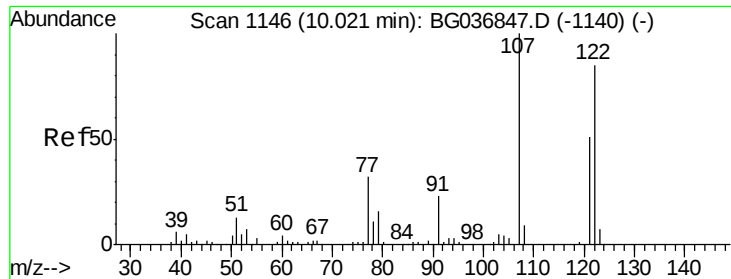
Ion Ratio Lower Upper

139 100

109 35.3 27.4 41.0

65 58.7 47.8 71.6

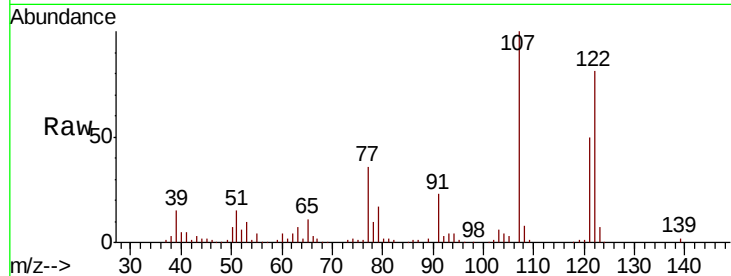




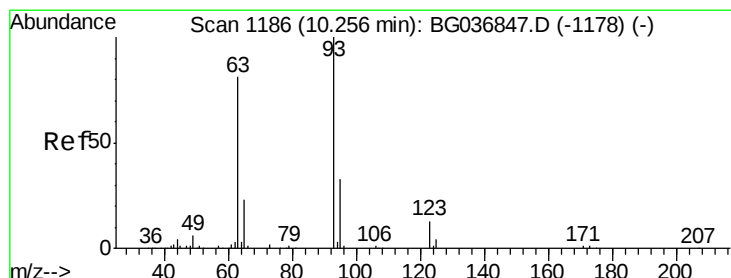
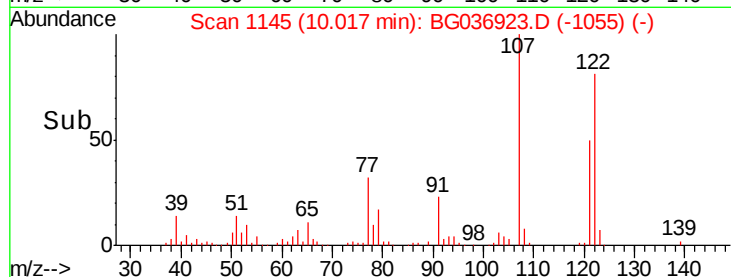
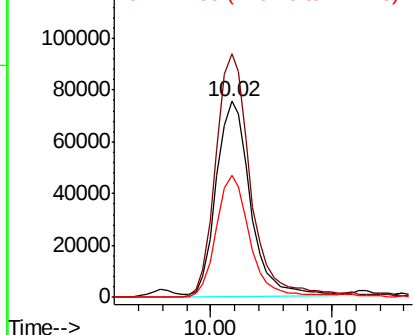
#27
 2,4-Dimethylphenol
 Concen: 60.853 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tgt Ion: 122 Resp: 148181
 Ion Ratio Lower Upper
 122 100
 107 124.2 96.0 144.0
 121 62.0 48.2 72.4

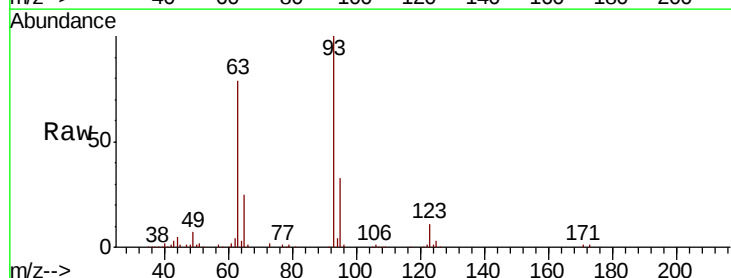


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

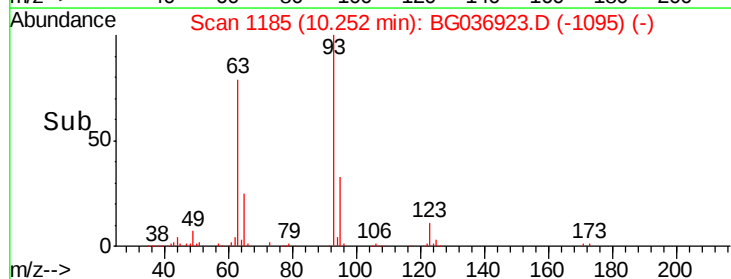
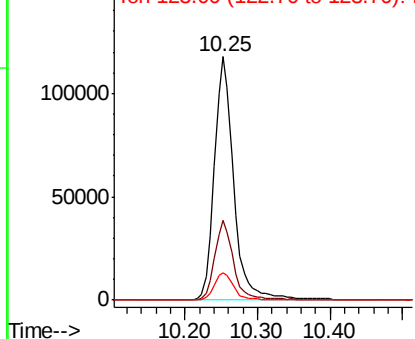


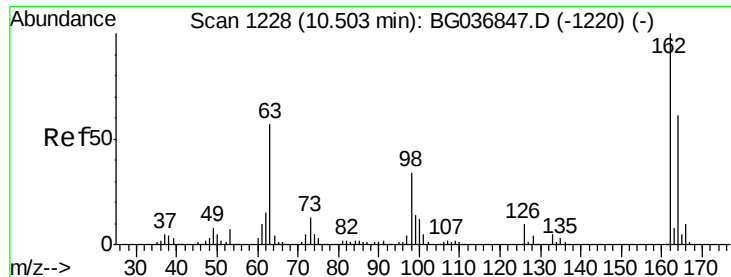
#28
 bis(2-Chloroethoxy)methane
 Concen: 52.946 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion: 93 Resp: 219234
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.2 37.8
 123 11.3 8.6 12.8



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

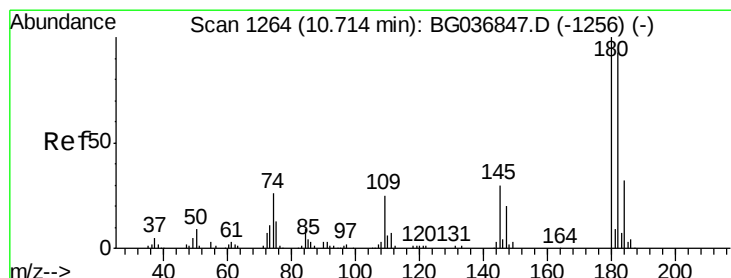
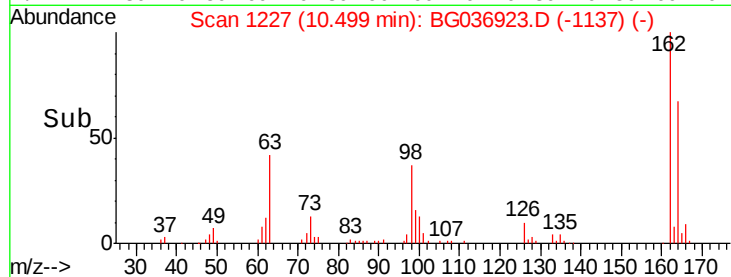
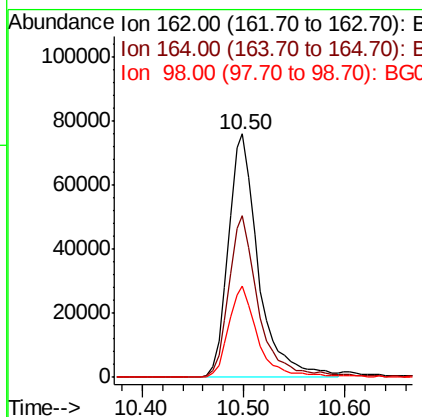
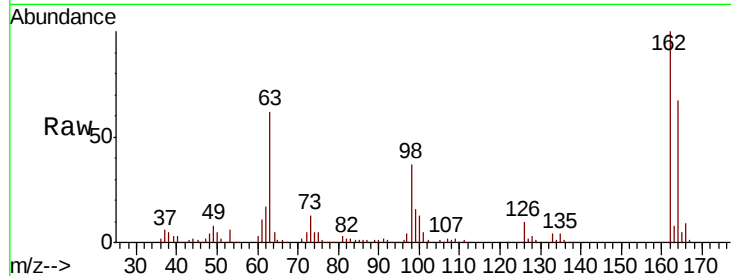




#29
2,4-Dichlorophenol
Concen: 55.341 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

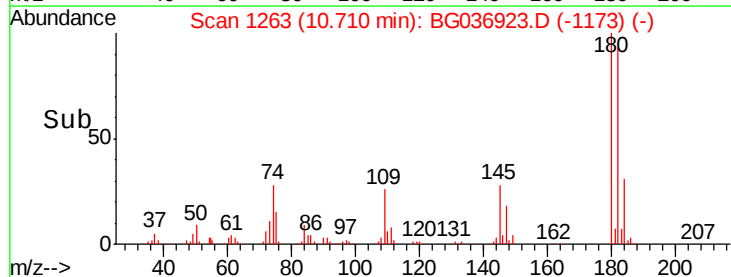
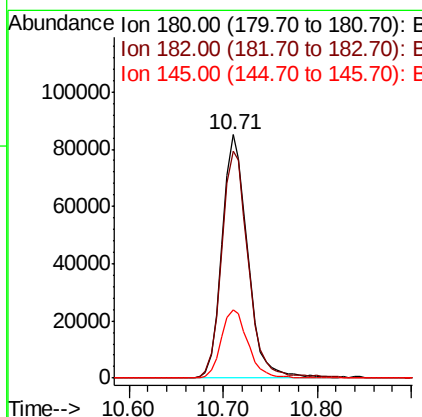
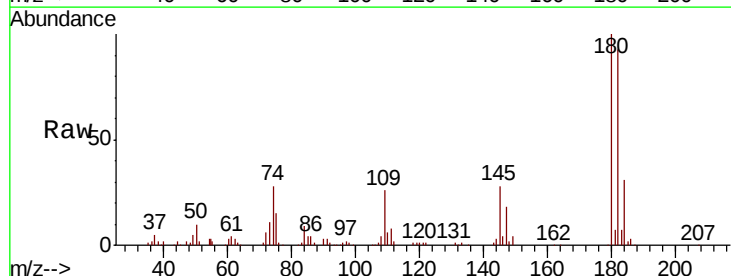
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

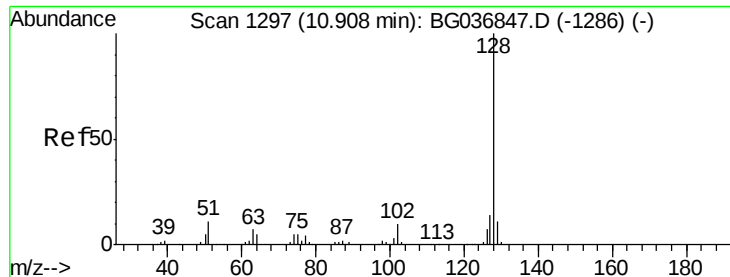
Tgt Ion	Resp	Lower	Upper
162	156217		
164	66.6	47.6	87.6
98	37.4	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 45.736 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Resp	Lower	Upper
180	161568		
182	93.1	76.0	114.0
145	28.2	22.9	34.3





#31

Naphthalene

Concen: 51.792 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

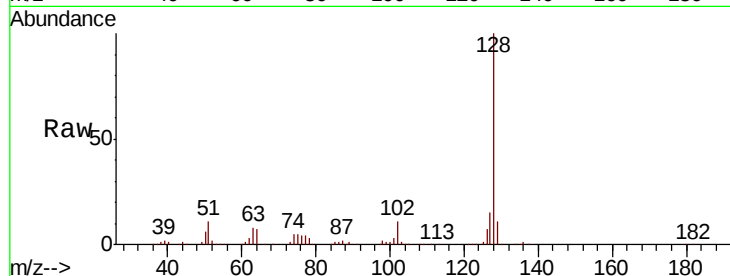
Tgt Ion:128 Resp: 484650

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

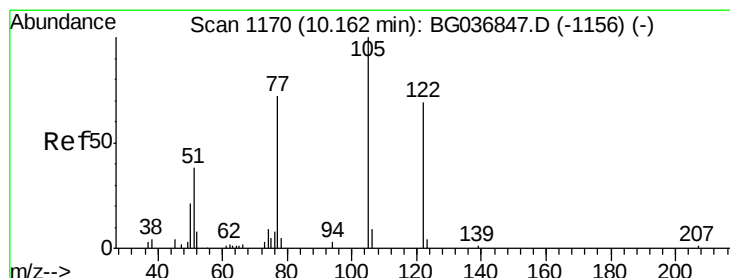
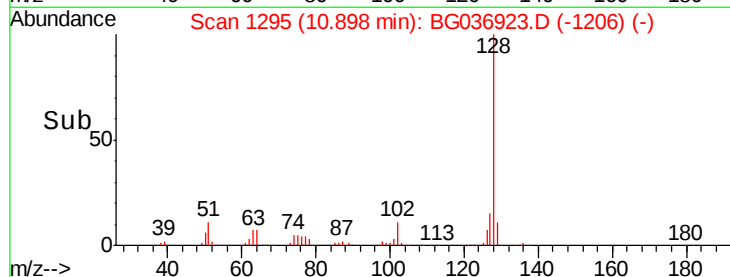
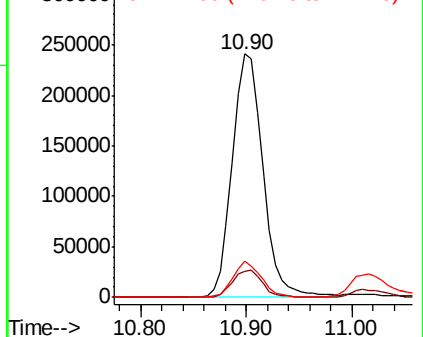
127 14.6 11.0 16.4



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: 75.615 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.14 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

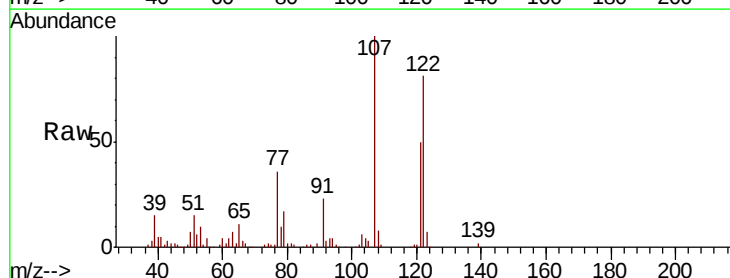
Tgt Ion:122 Resp: 148181

Ion Ratio Lower Upper

122 100

105 3.9 108.1 148.1#

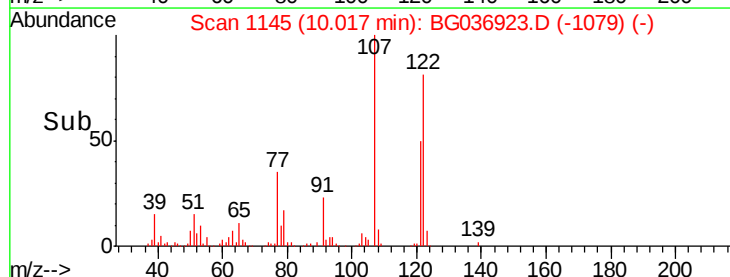
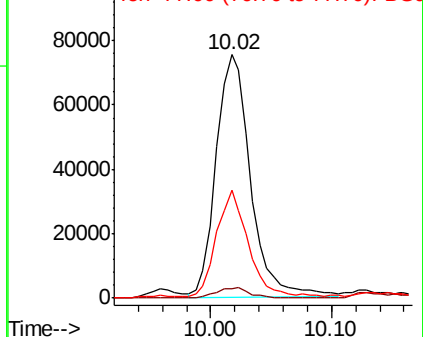
77 44.1 76.3 116.3#

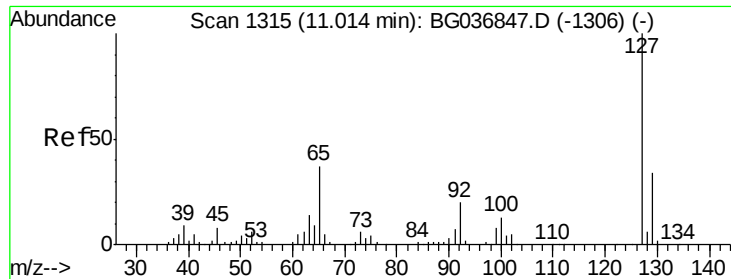


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

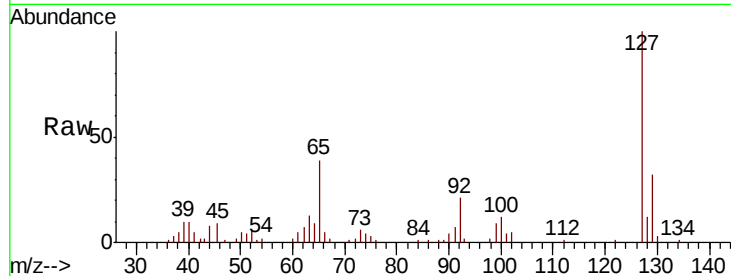




#33
4-Chloroaniline
Concen: 15.156 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tgt Ion:	127	Resp:	64483
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	39.0	27.5	41.3
92	20.5	16.2	24.2



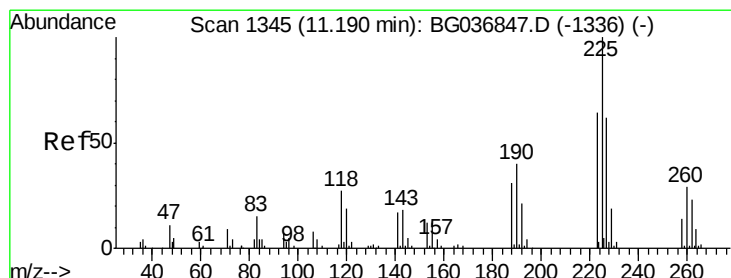
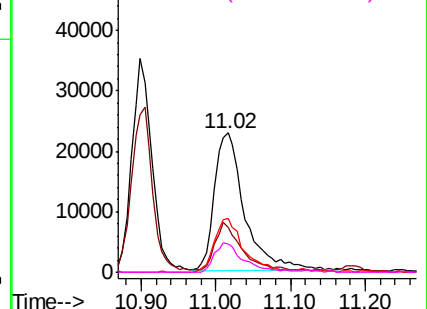
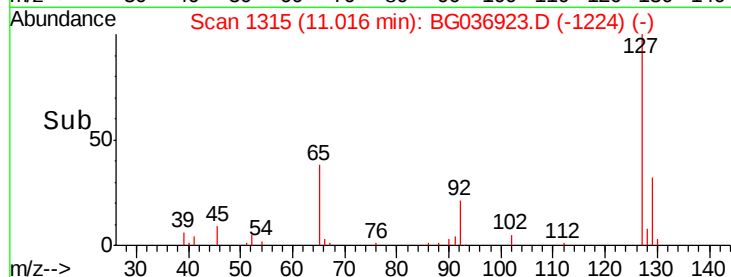
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

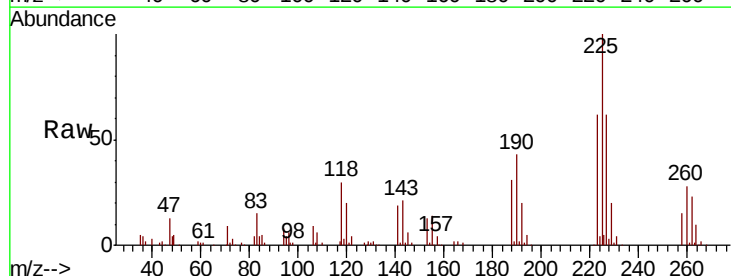
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 46.086 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:	225	Resp:	112586
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.8	77.8
227	61.8	49.8	74.6

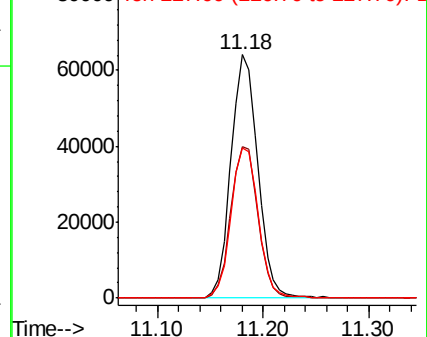
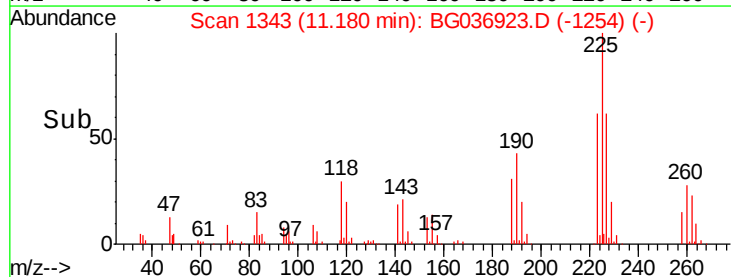


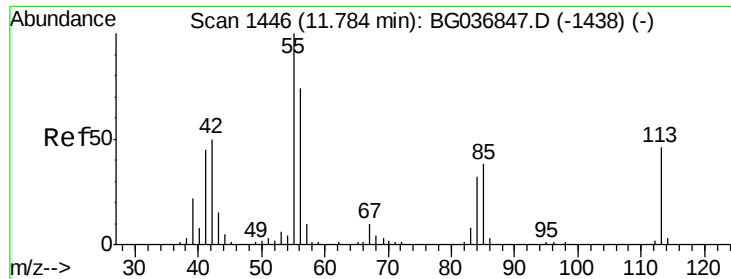
Abundance

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

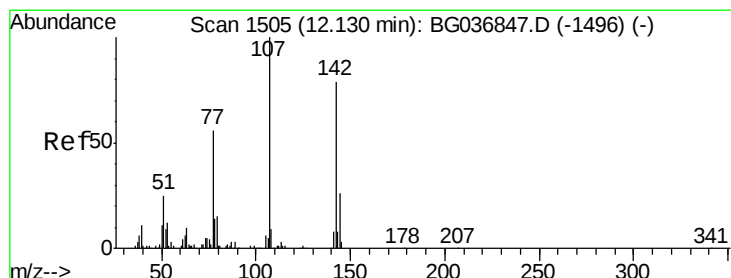
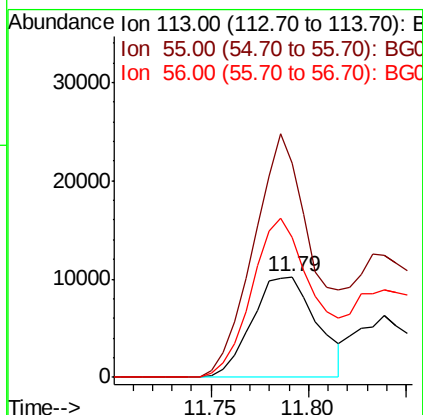
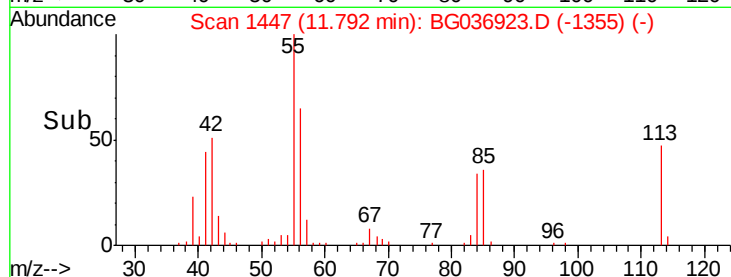
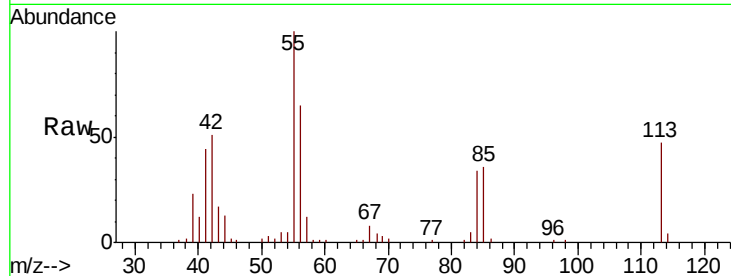




#35
 Caprolactam
 Concen: 20.093 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

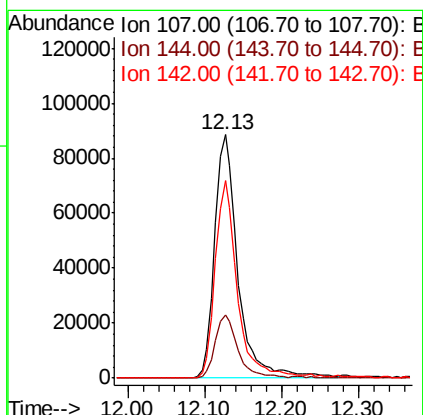
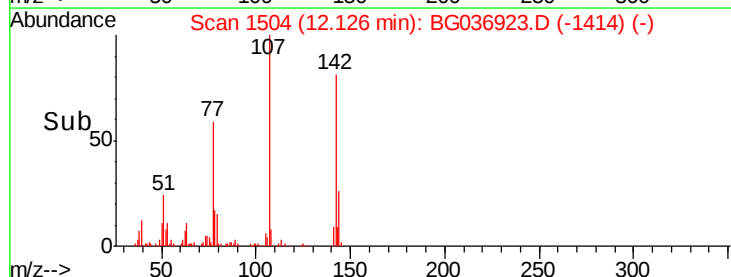
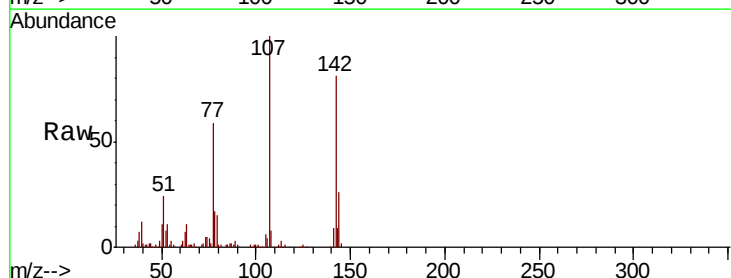
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

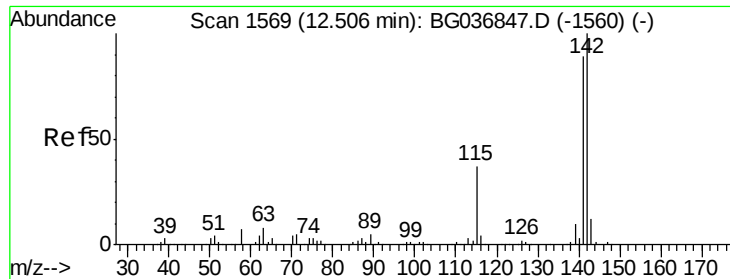
Tgt Ion:113 Resp: 23345
 Ion Ratio Lower Upper
 113 100
 55 212.6 197.7 237.7
 56 138.2 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 54.910 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion:107 Resp: 184947
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.5 29.3
 142 81.4 62.4 93.6

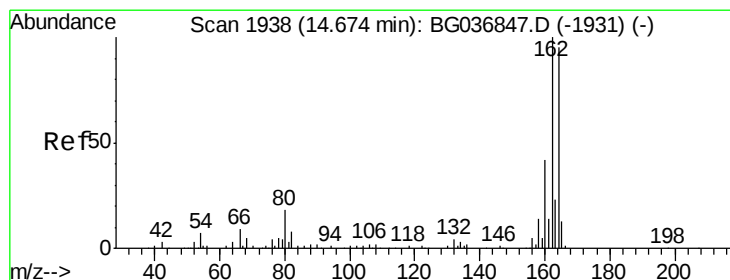
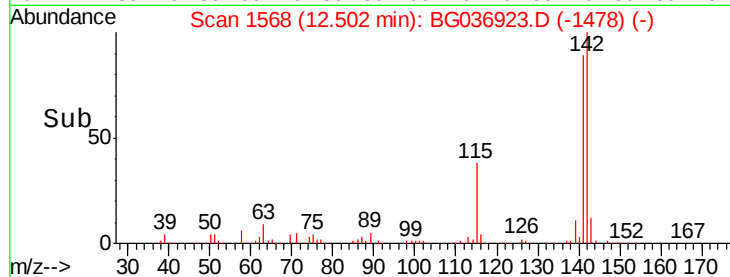
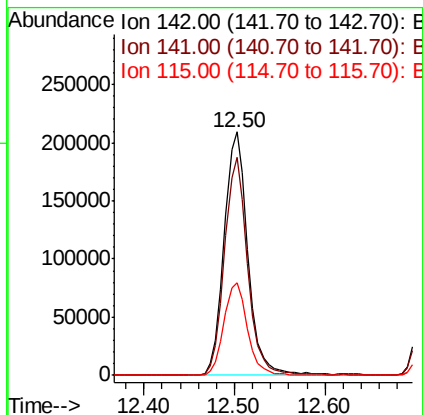
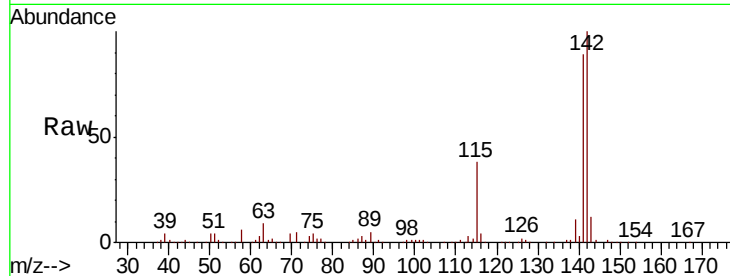




#37
2-Methylnaphthalene
Concen: 53.179 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

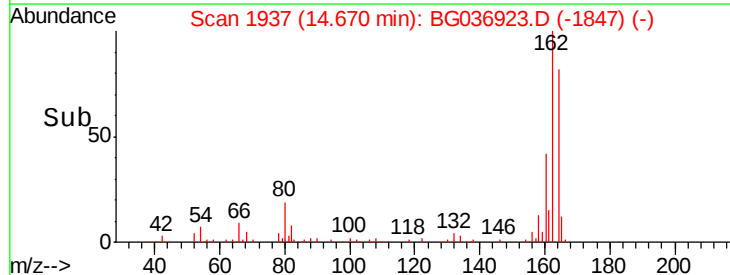
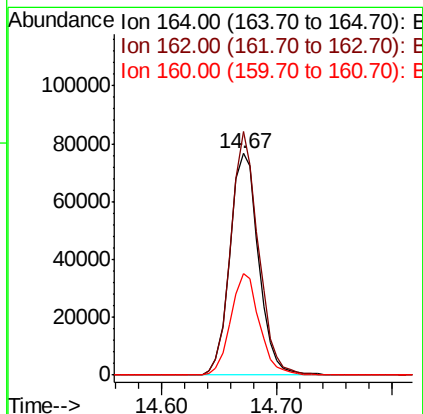
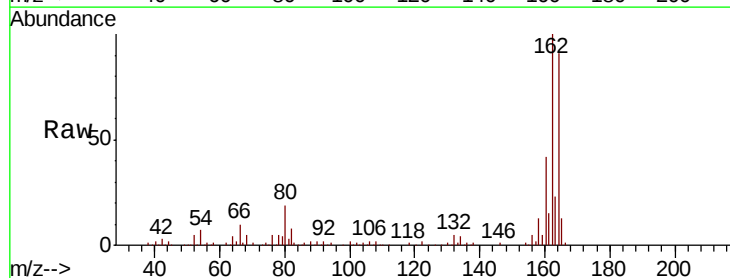
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

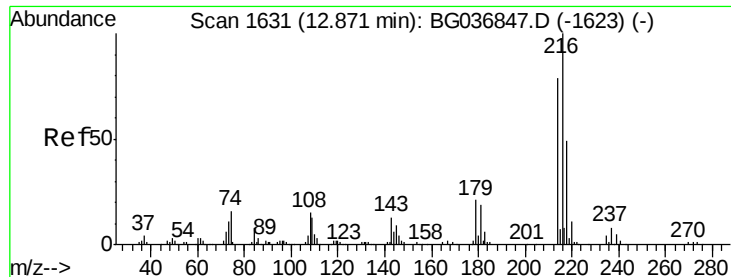
Tgt Ion:142 Resp: 378997
Ion Ratio Lower Upper
142 100
141 89.5 68.5 102.7
115 38.0 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:164 Resp: 132040
Ion Ratio Lower Upper
164 100
162 110.0 80.7 121.1
160 45.7 35.3 52.9

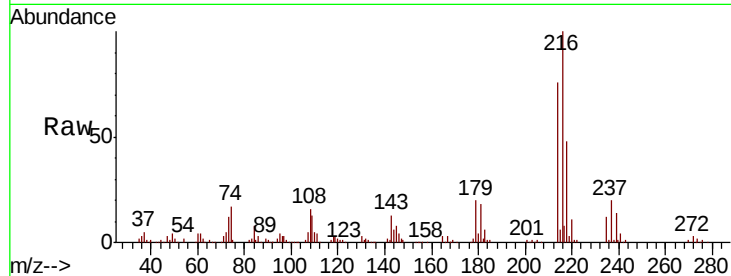




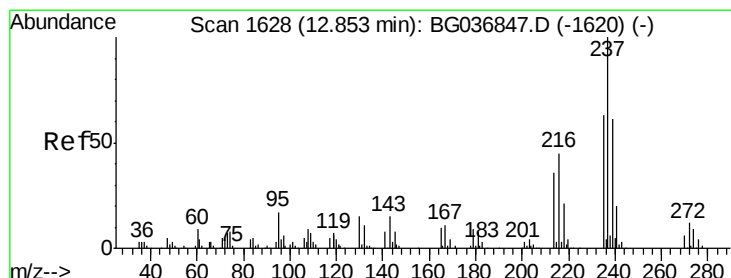
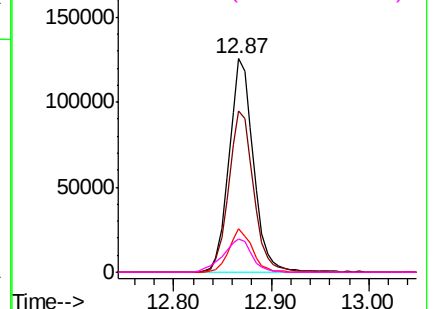
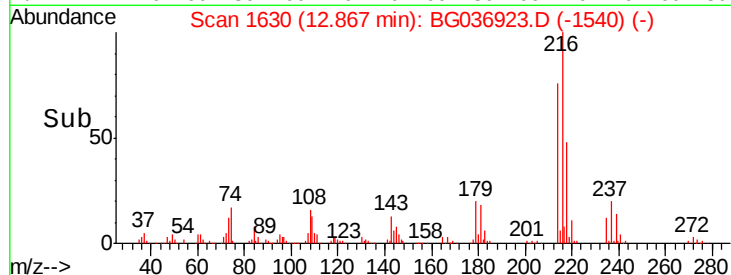
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.287 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tgt Ion:	216	Resp:	217770
Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.0	91.6
179	19.2	15.7	23.5
108	18.6	13.1	19.7

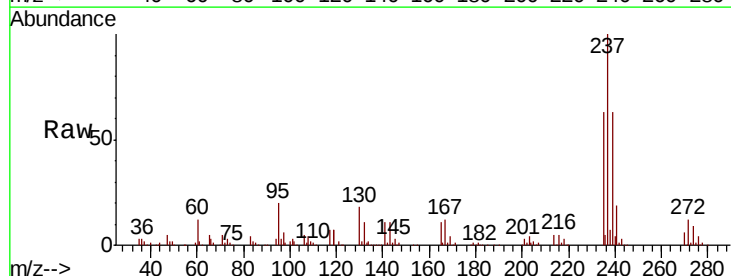


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

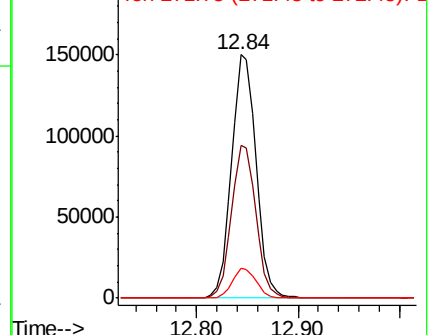
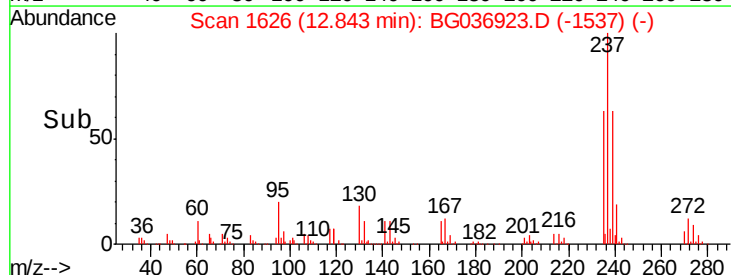


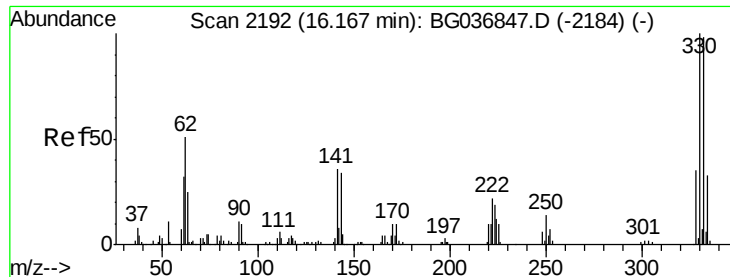
#40
 Hexachlorocyclopentadiene
 Concen: 106.498 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion:	237	Resp:	252245
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.2	82.2
272	12.2	0.0	32.1



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

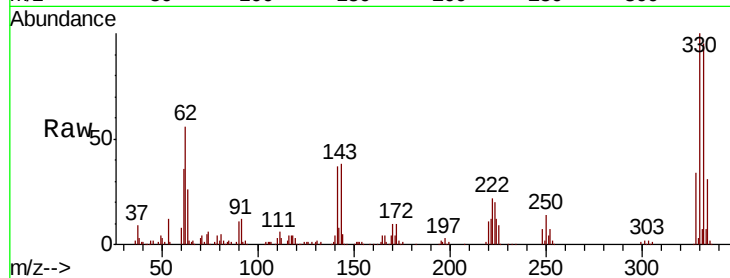




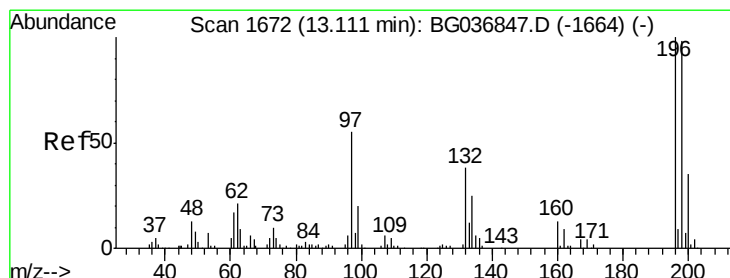
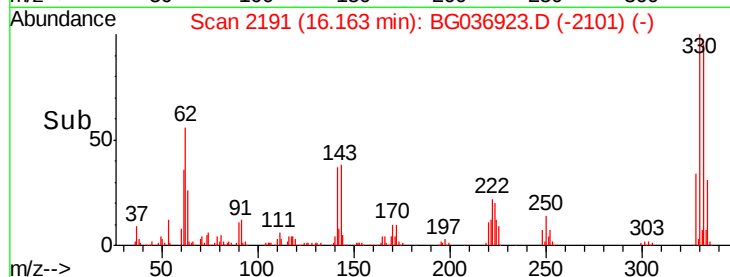
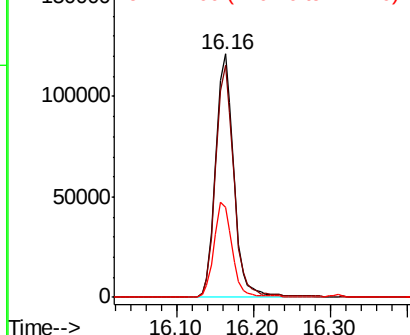
#41
 2,4,6-Tribromophenol
 Concen: 125.397 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tgt Ion:330 Resp: 198099
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.4 113.2
 141 39.2 30.7 46.1

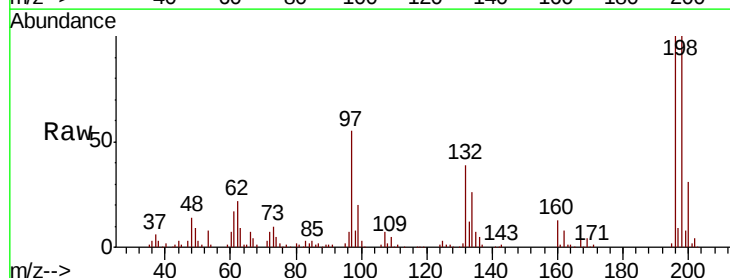


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

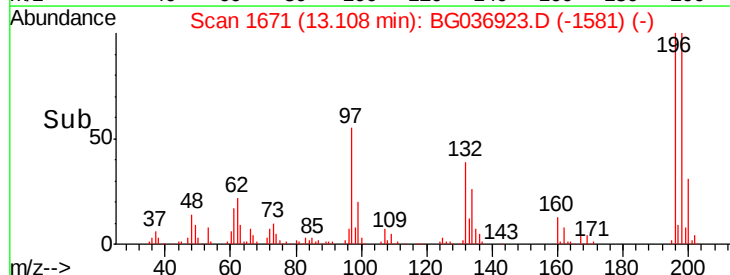
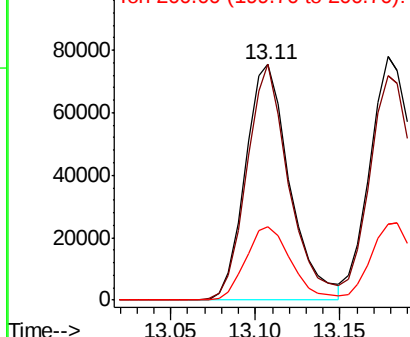


#42
 2,4,6-Trichlorophenol
 Concen: 53.713 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion:196 Resp: 137363
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.2 115.8
 200 31.0 26.3 39.5



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

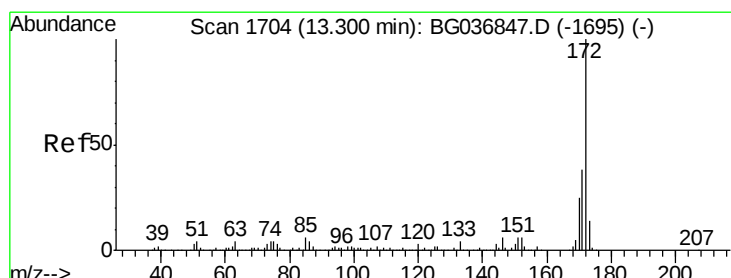
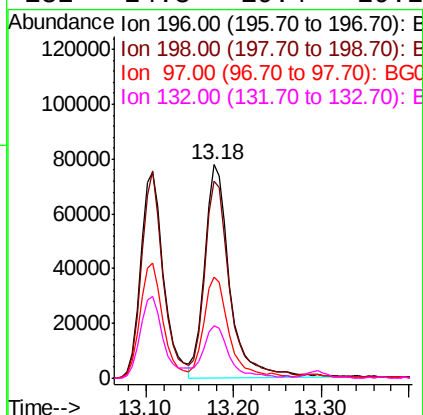
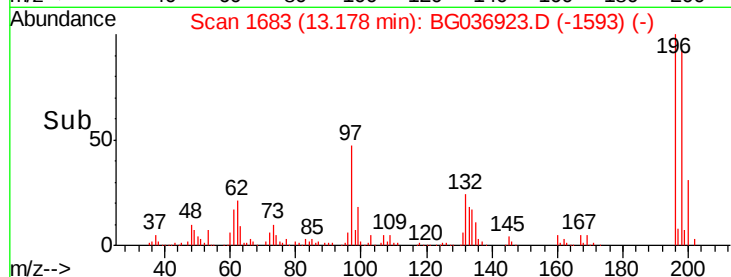
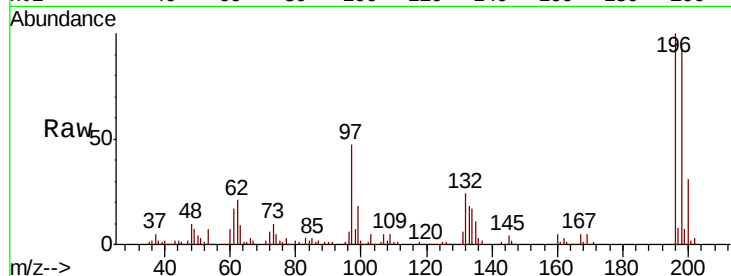




#43
 2,4,5-Trichlorophenol
 Concen: 56.610 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

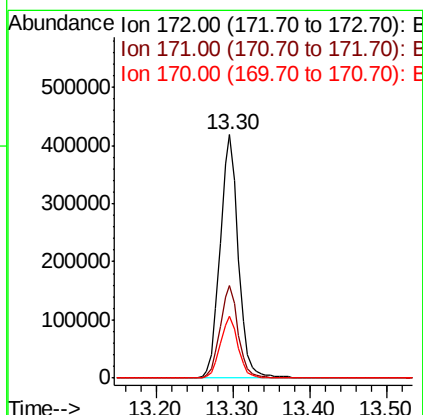
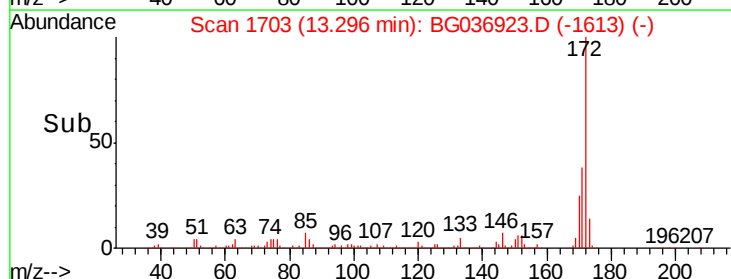
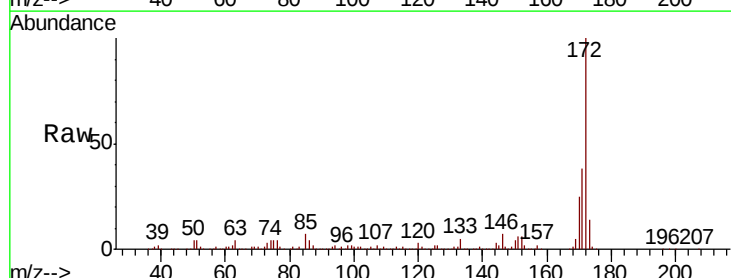
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

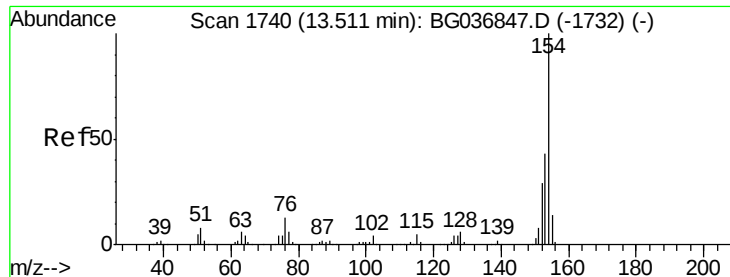
Tgt Ion:	196	Resp:	154371
Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.6	113.4
97	47.4	37.2	55.8
132	24.3	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 77.463 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion:	172	Resp:	686742
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.3	21.0	31.6

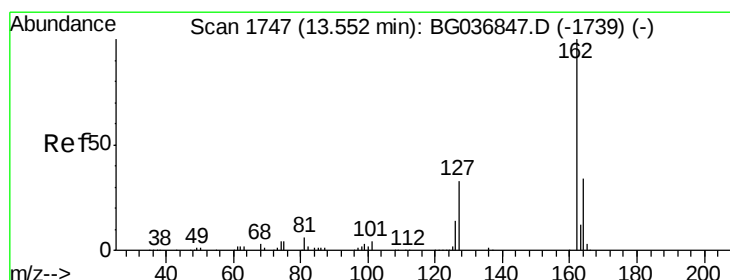
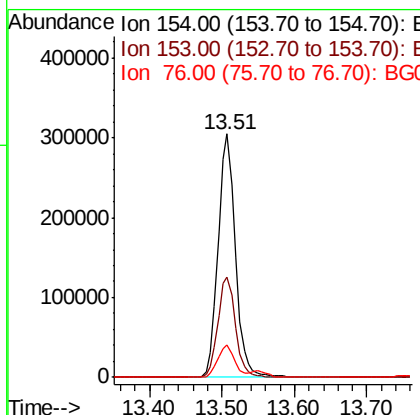
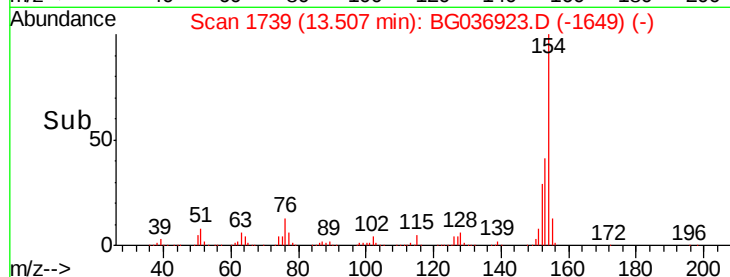
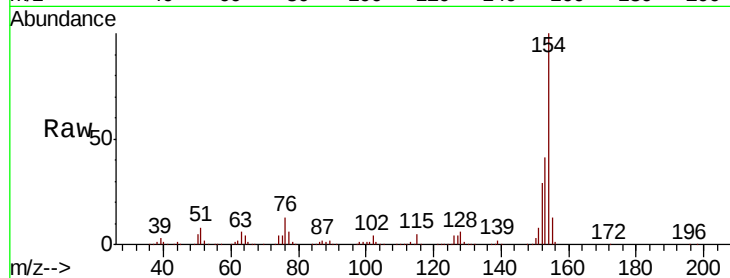




#45
 1,1'-Biphenyl
 Concen: 50.129 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

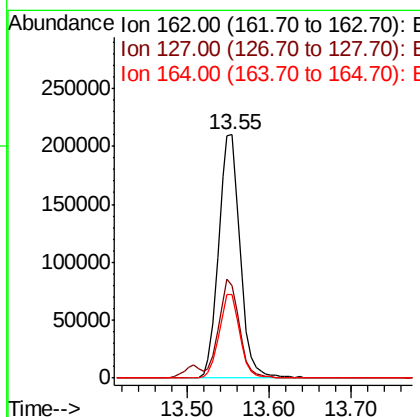
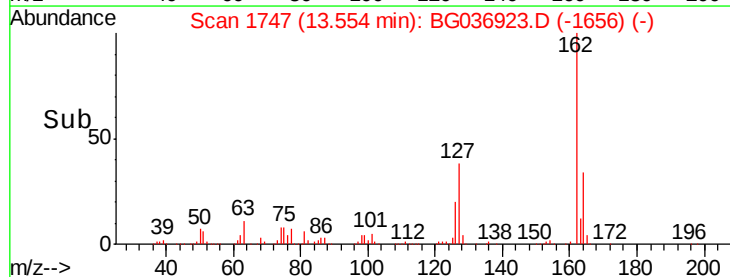
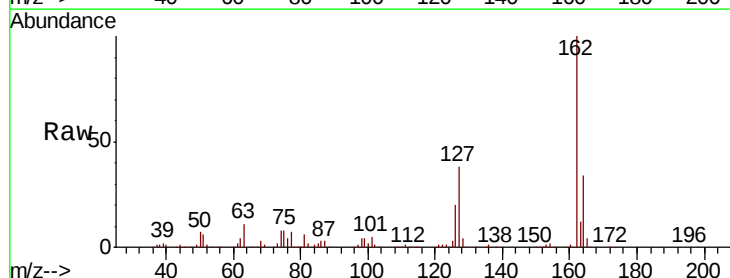
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

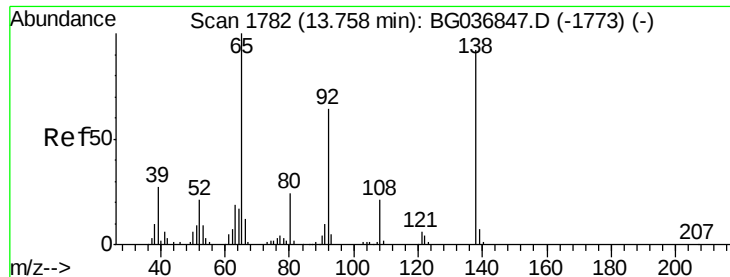
Tgt Ion:154 Resp: 506924
 Ion Ratio Lower Upper
 154 100
 153 41.2 24.0 64.0
 76 13.1 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 48.510 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion:162 Resp: 385775
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.7 46.1
 164 34.2 26.7 40.1





#47

2-Nitroaniline

Concen: 53.845 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

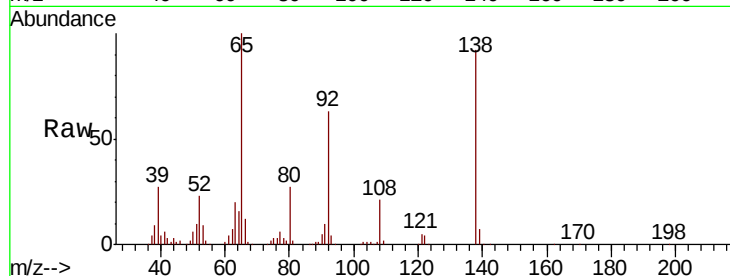
Tgt Ion: 65 Resp: 148108

Ion Ratio Lower Upper

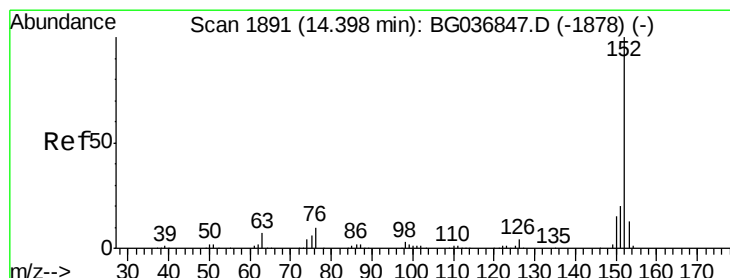
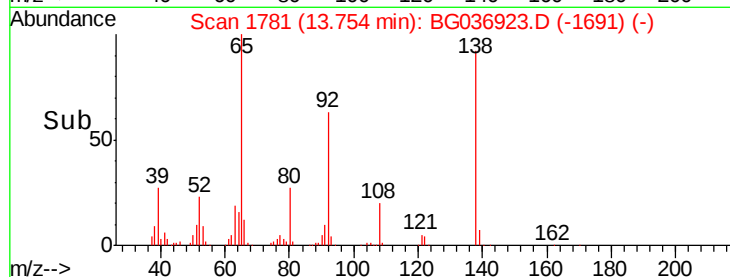
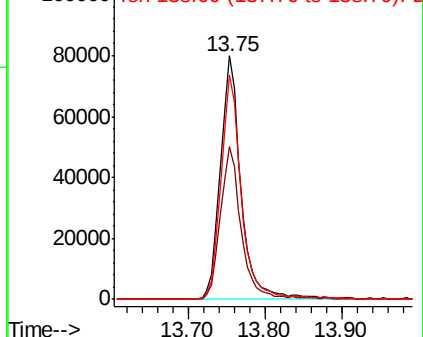
65 100

92 62.8 49.9 74.9

138 92.2 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 53.193 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

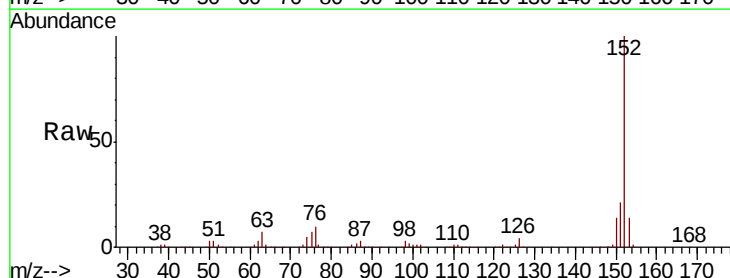
Tgt Ion: 152 Resp: 662876

Ion Ratio Lower Upper

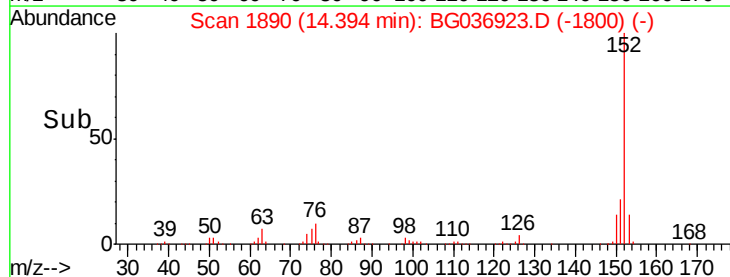
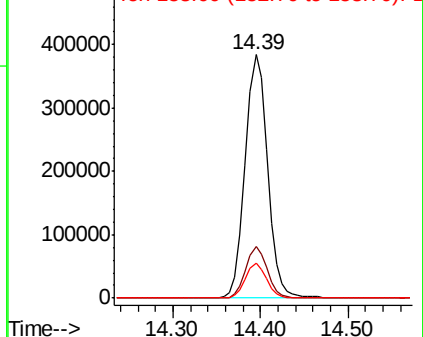
152 100

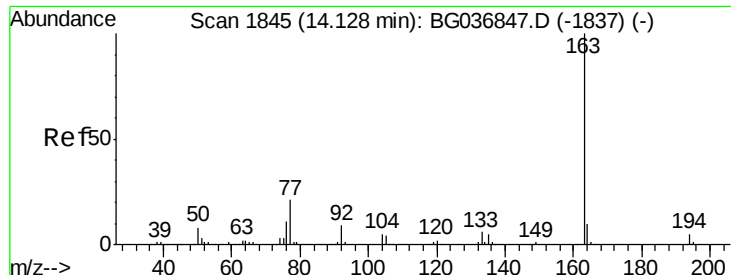
151 21.2 16.9 25.3

153 14.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 50.763 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

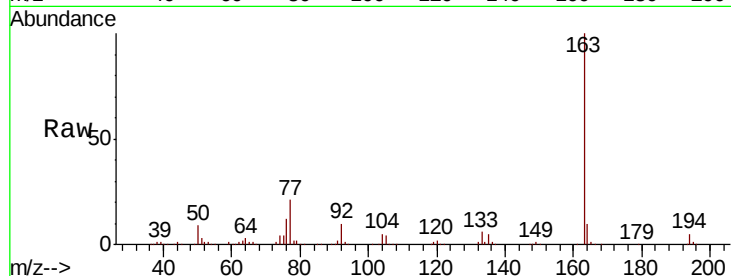
Tgt Ion:163 Resp: 539522

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

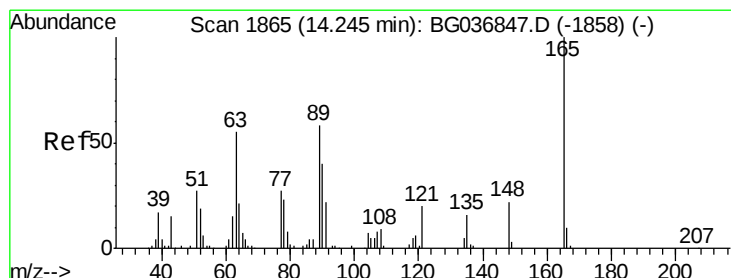
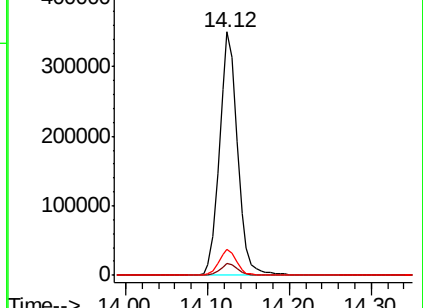
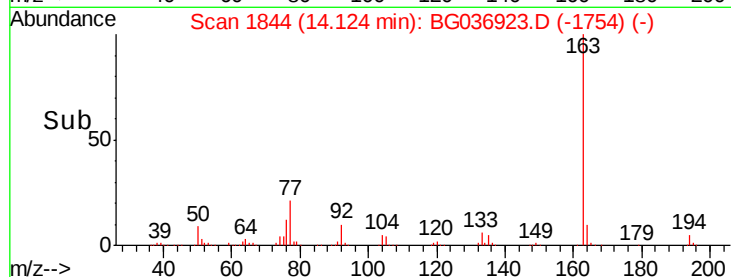
164 10.4 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 51.468 ng

RT: 14.25 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

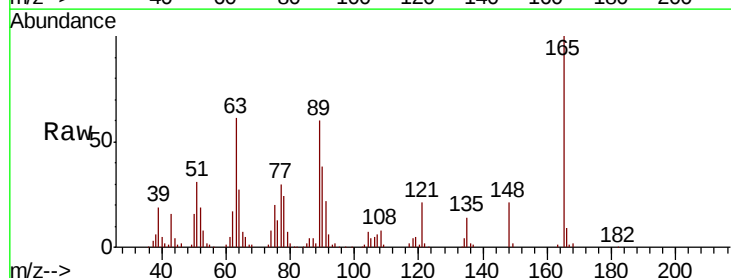
Tgt Ion:165 Resp: 119350

Ion Ratio Lower Upper

165 100

63 60.6 50.1 75.1

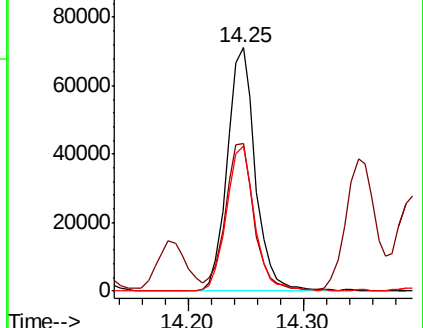
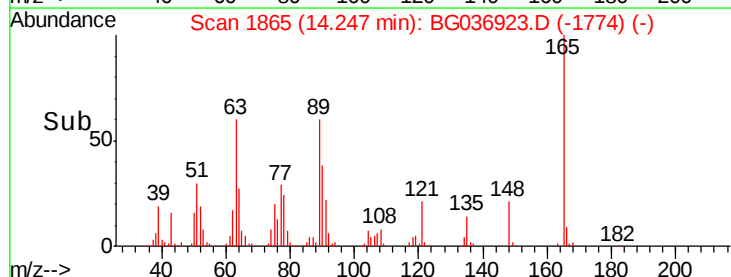
89 59.8 47.8 71.6

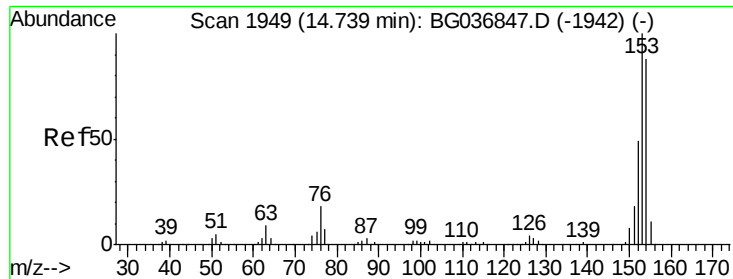


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.438 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

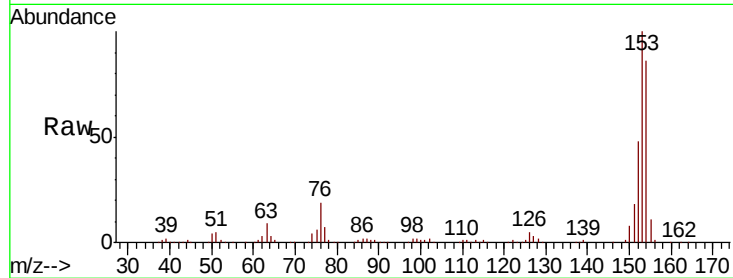
Tgt Ion:154 Resp: 379878

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

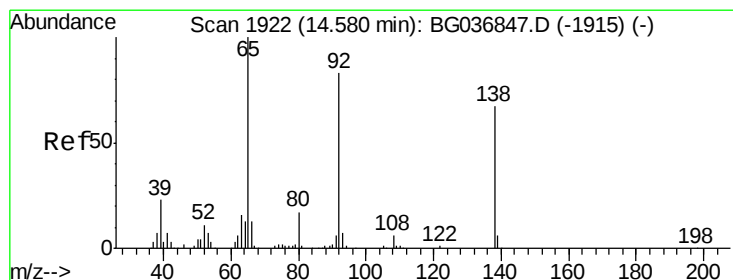
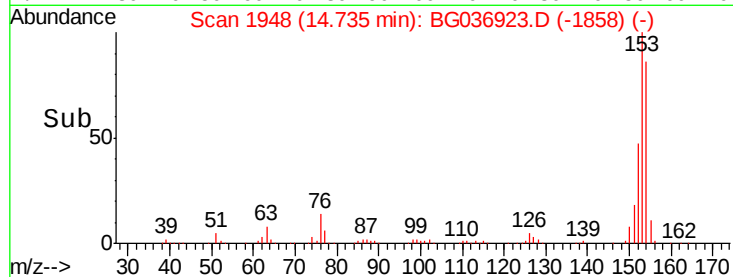
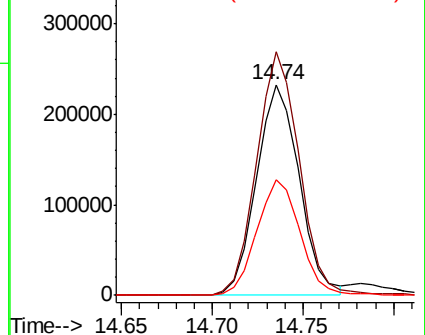
152 55.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.465 ng

RT: 14.58 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

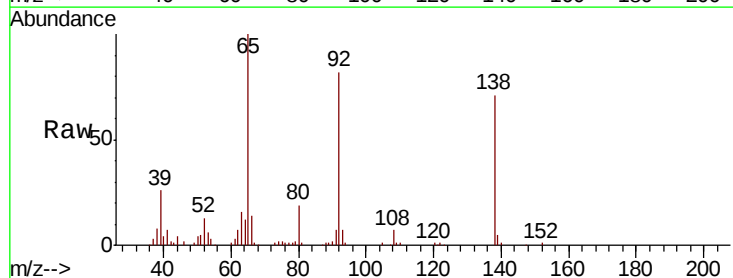
Tgt Ion:138 Resp: 81773

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.2

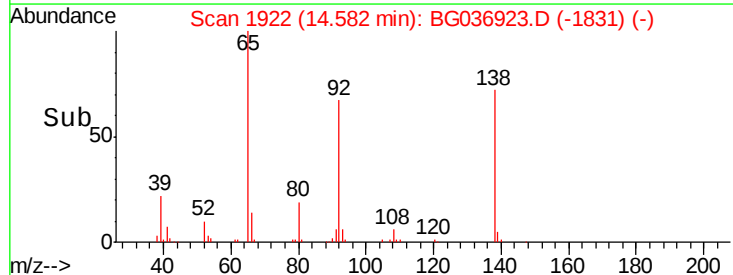
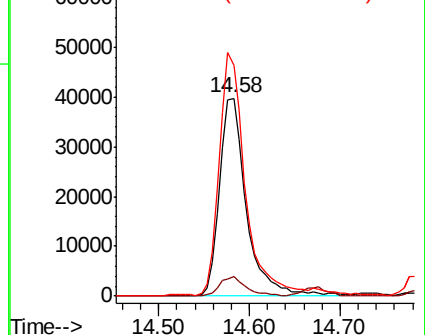
92 116.3 96.8 145.2

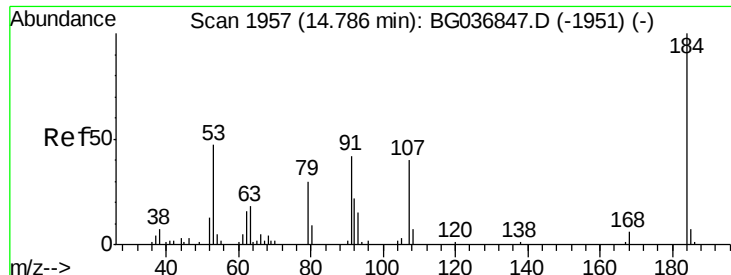


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 36.934 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

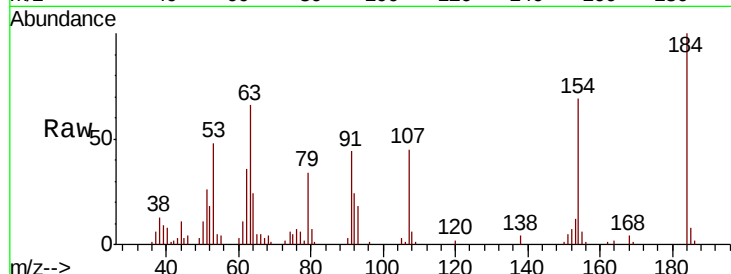
Tgt Ion:184 Resp: 35190

Ion Ratio Lower Upper

184 100

63 65.7 47.3 70.9

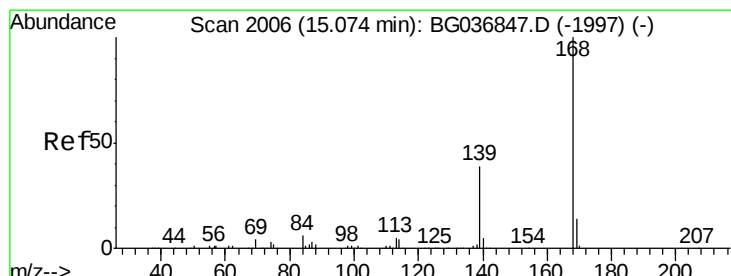
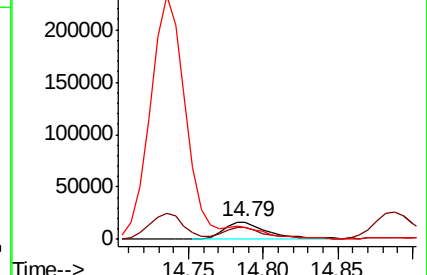
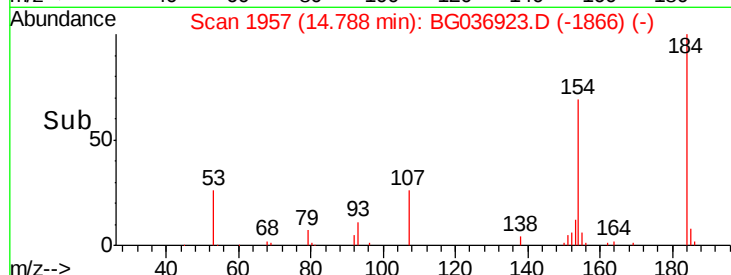
154 68.7 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.883 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

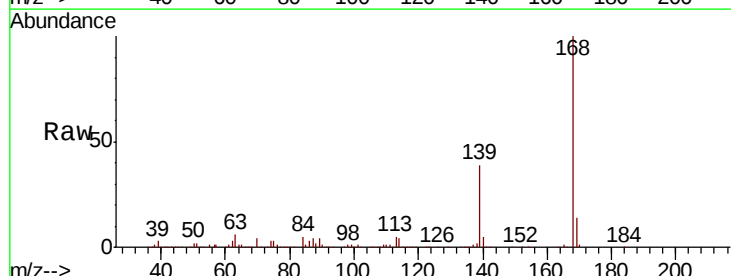
Tgt Ion:168 Resp: 635481

Ion Ratio Lower Upper

168 100

139 38.6 31.0 46.6

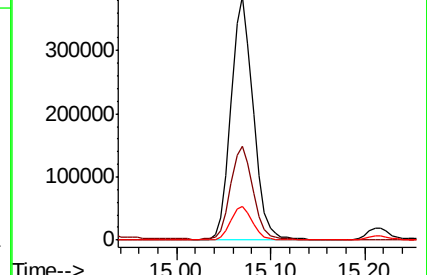
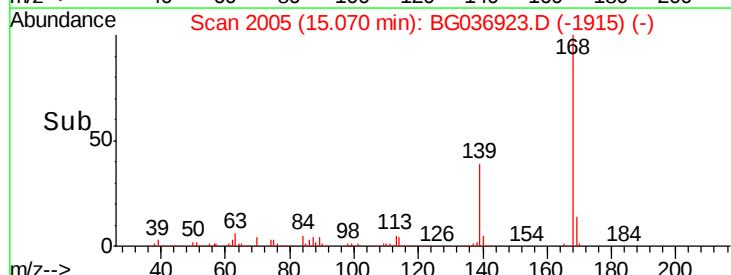
169 13.7 11.1 16.7



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

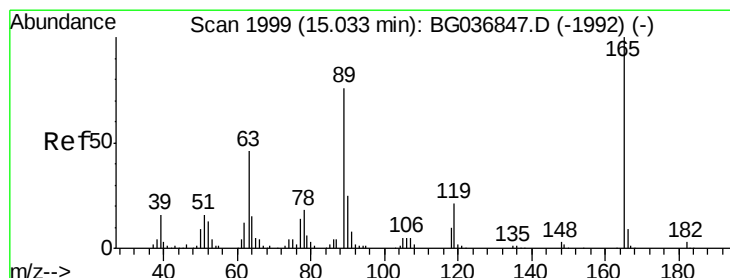
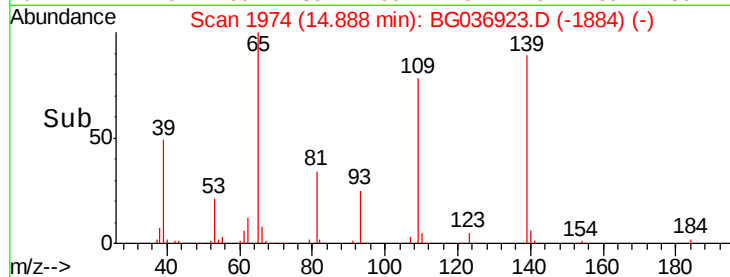
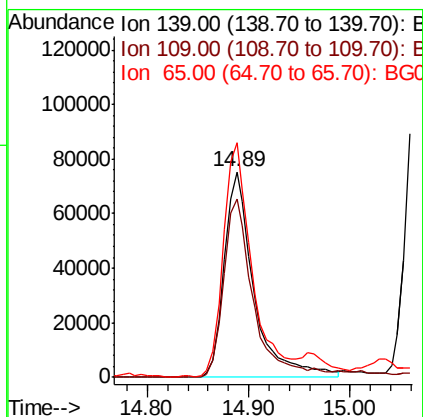
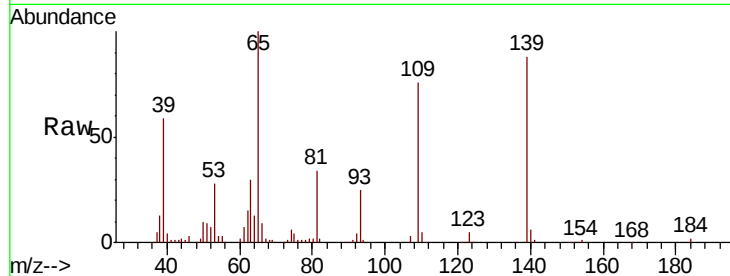




#55
4-Nitrophenol
Concen: 98.282 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

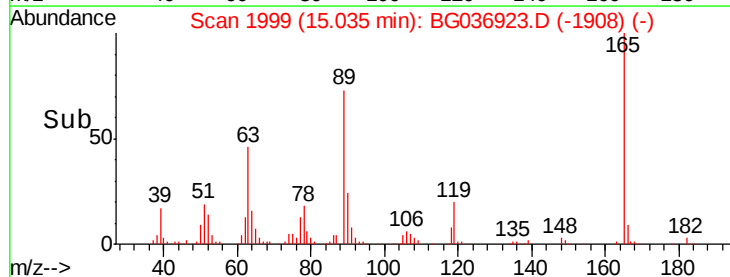
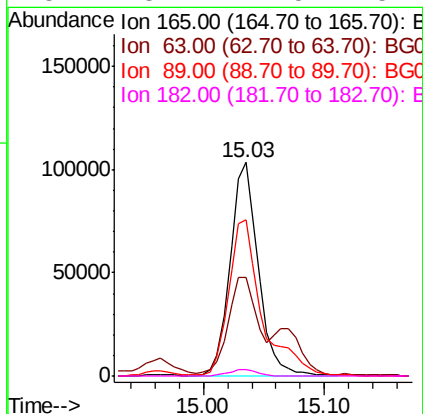
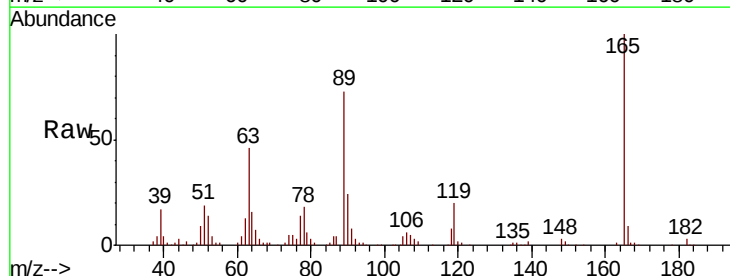
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

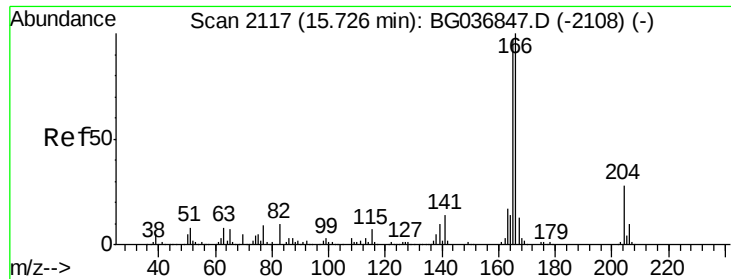
Tgt Ion:139 Resp: 153422
Ion Ratio Lower Upper
139 100
109 86.8 63.9 103.9
65 114.1 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 51.995 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:165 Resp: 168243
Ion Ratio Lower Upper
165 100
63 46.3 40.1 60.1
89 73.1 63.7 95.5
182 3.1 2.5 3.7





#57

Fluorene

Concen: 53.694 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

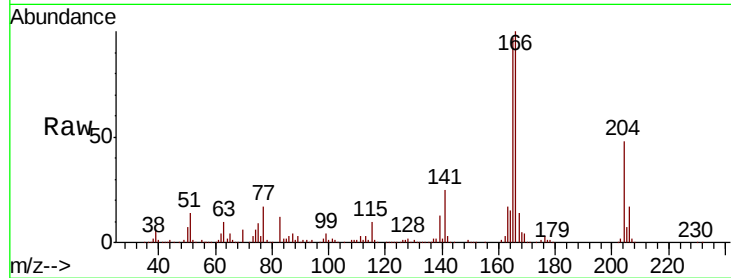
Tgt Ion:166 Resp: 511267

Ion Ratio Lower Upper

166 100

165 97.4 77.0 115.4

167 13.7 10.6 16.0

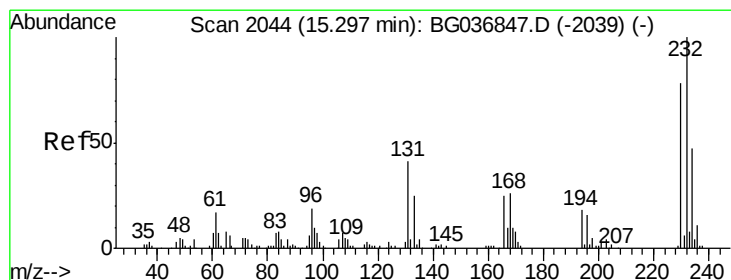
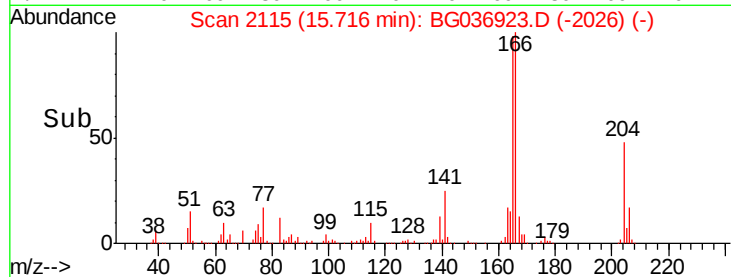
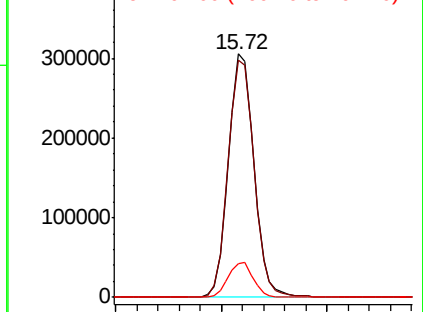


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.168 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:232 Resp: 158144

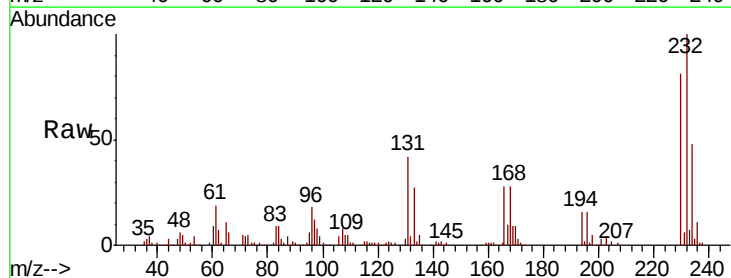
Ion Ratio Lower Upper

232 100

131 39.6 33.8 50.8

130 2.6 2.1 3.1

166 26.9 22.3 33.5



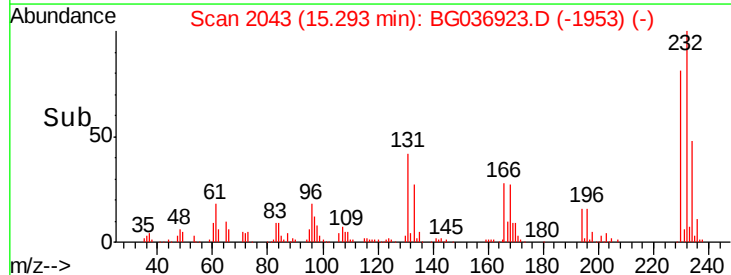
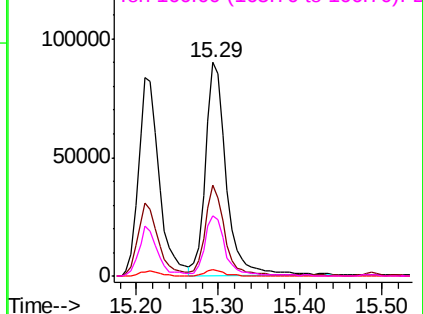
Abundance

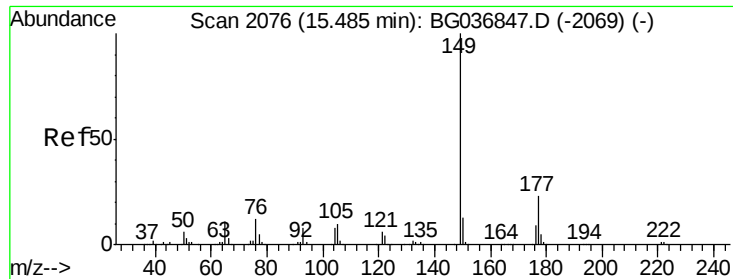
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

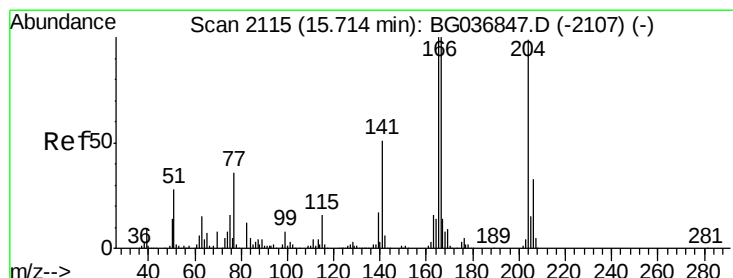
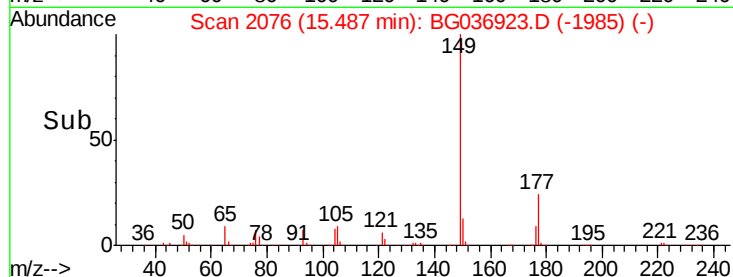
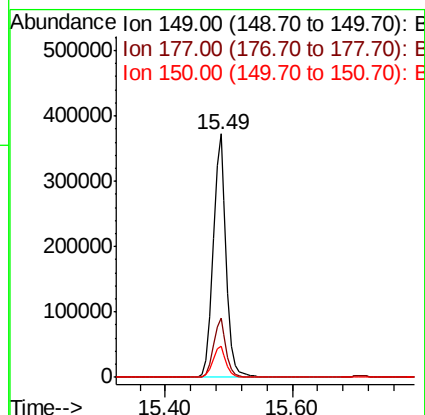
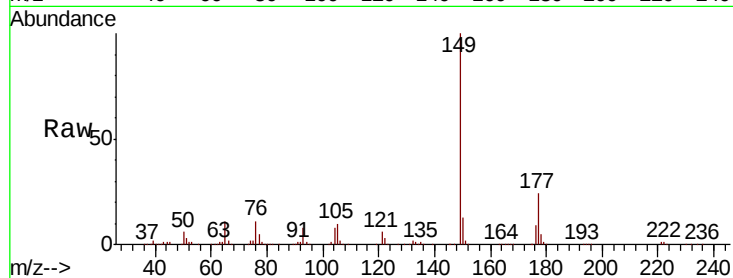




#59
Diethylphthalate
Concen: 50.560 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

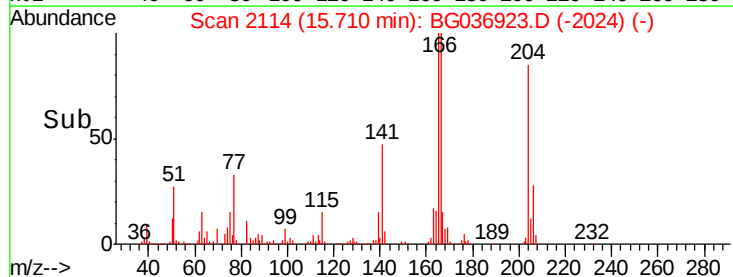
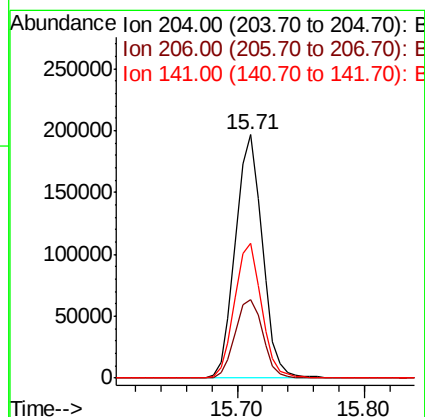
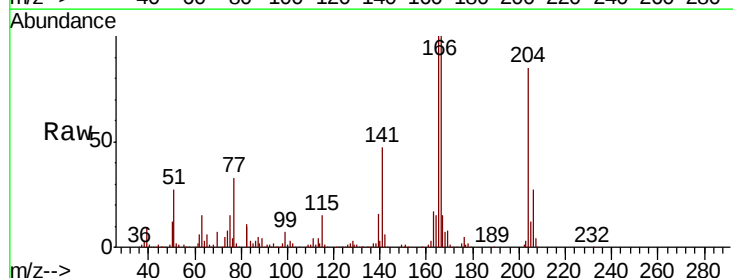
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

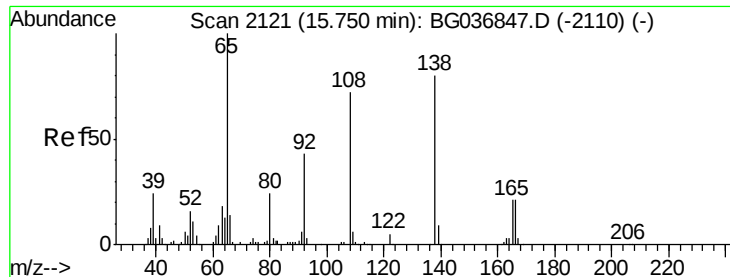
Tgt Ion:149 Resp: 541994
Ion Ratio Lower Upper
149 100
177 24.4 19.1 28.7
150 13.0 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 48.043 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:204 Resp: 289704
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 55.2 43.8 65.6

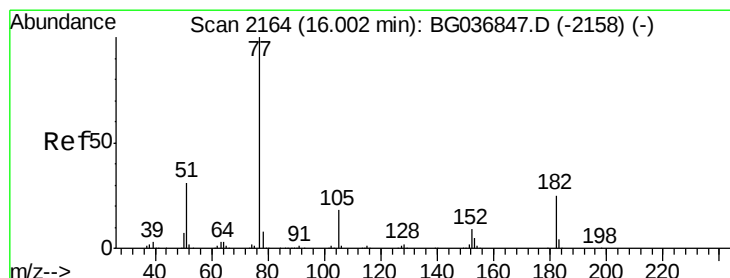
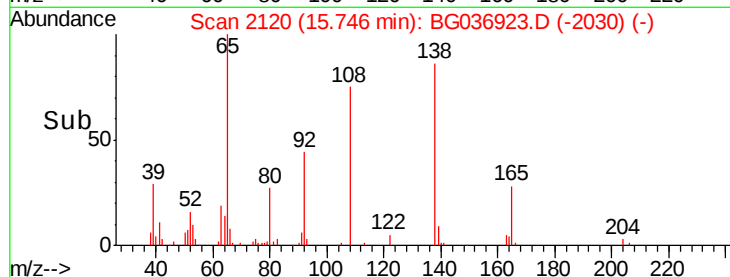
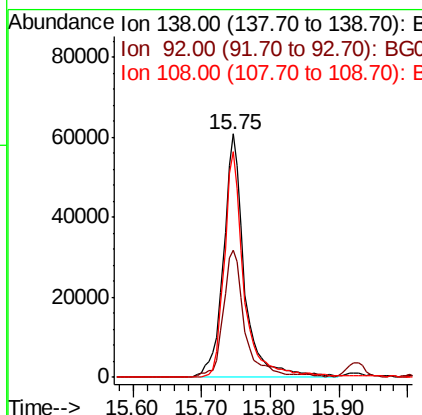
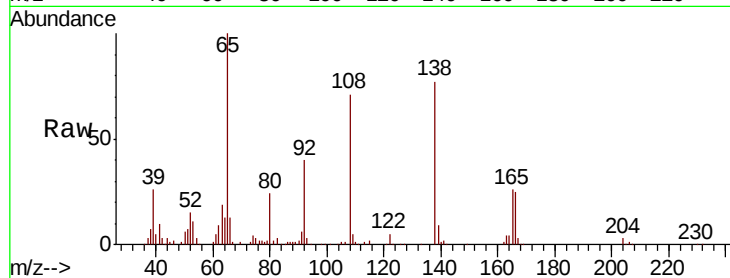




#61
4-Nitroaniline
Concen: 50.559 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

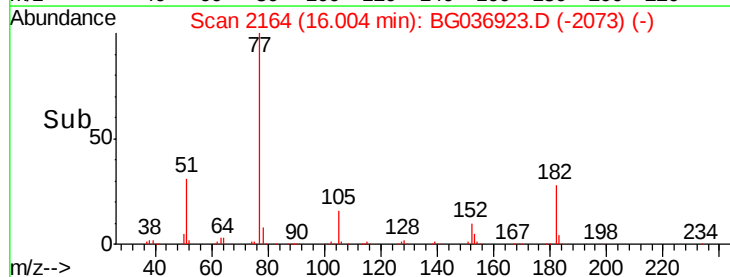
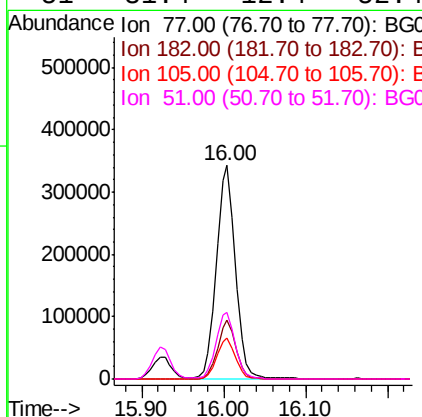
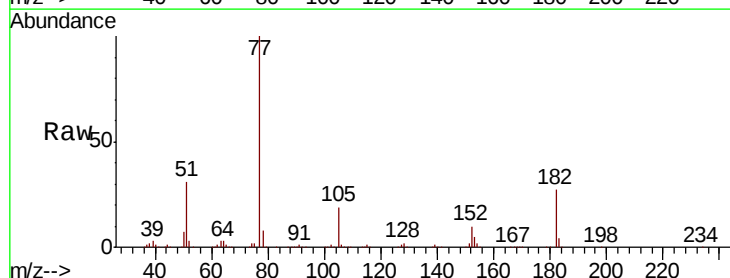
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

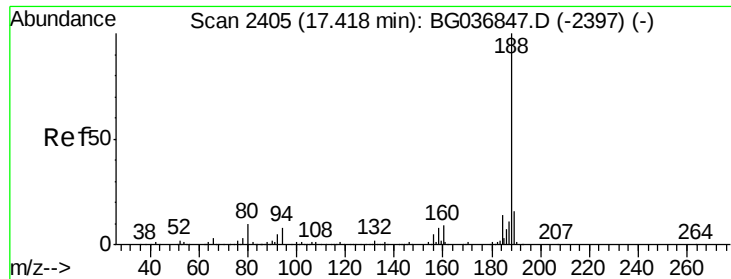
Tgt Ion: 138 Resp: 129952
Ion Ratio Lower Upper
138 100
92 52.1 38.5 78.5
108 92.9 70.3 110.3



#62
Azobenzene
Concen: 53.660 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion: 77 Resp: 552700
Ion Ratio Lower Upper
77 100
182 27.4 6.7 46.7
105 19.0 0.0 39.8
51 31.4 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

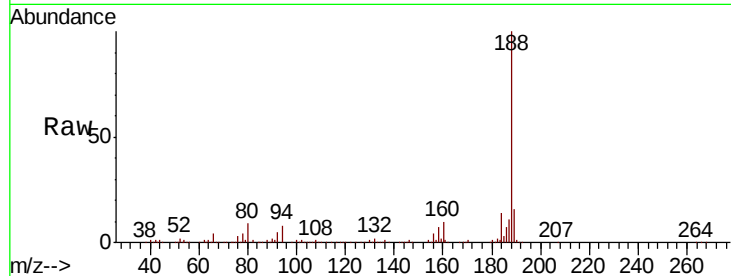
Tgt Ion:188 Resp: 334525

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

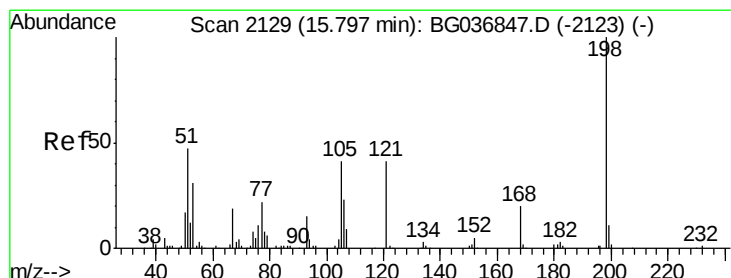
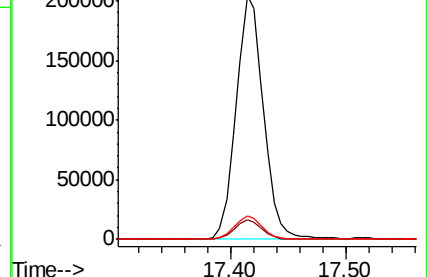
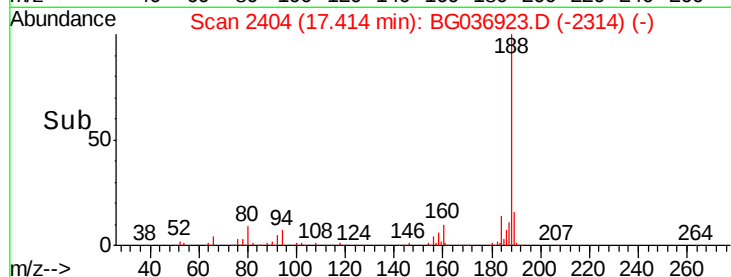
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.368 ng

RT: 15.80 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

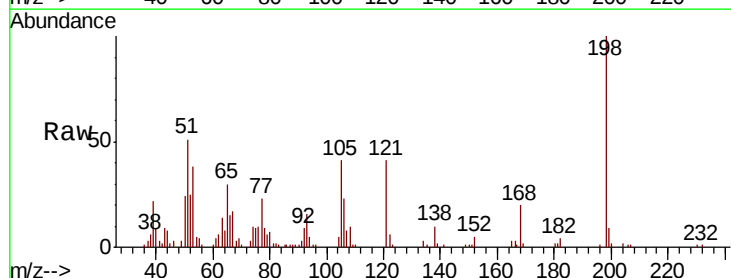
Tgt Ion:198 Resp: 49614

Ion Ratio Lower Upper

198 100

51 51.2 26.5 66.5

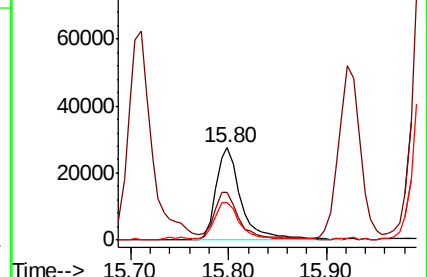
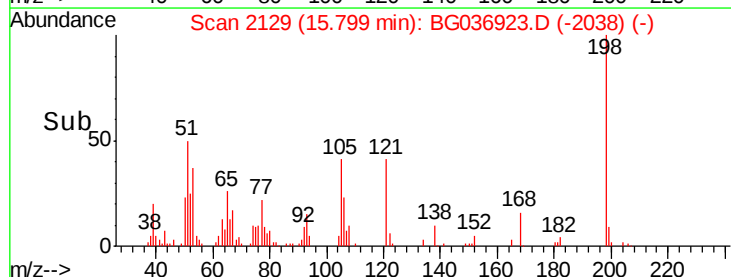
105 41.3 20.2 60.2

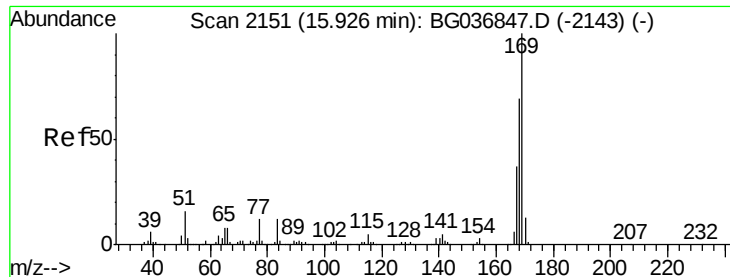


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.067 ng

RT: 15.92 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

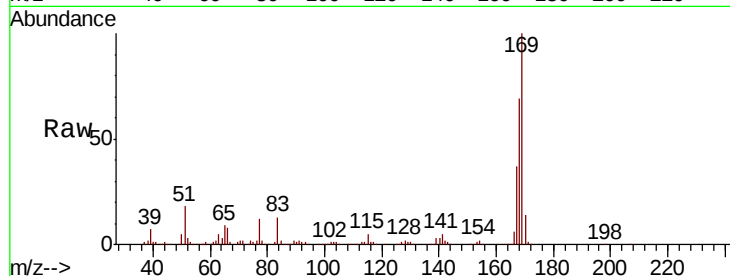
Tgt Ion:169 Resp: 471616

Ion Ratio Lower Upper

169 100

168 69.2 57.6 86.4

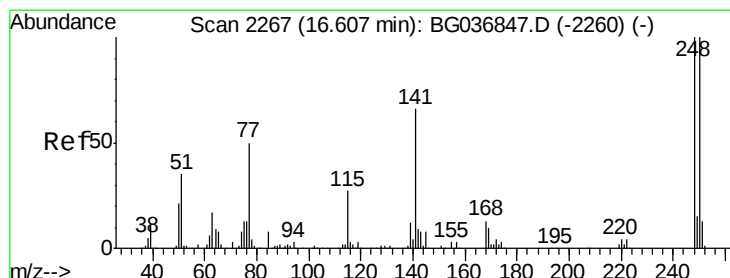
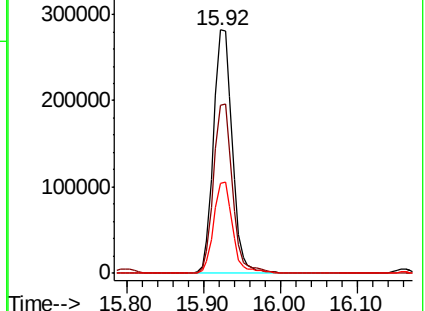
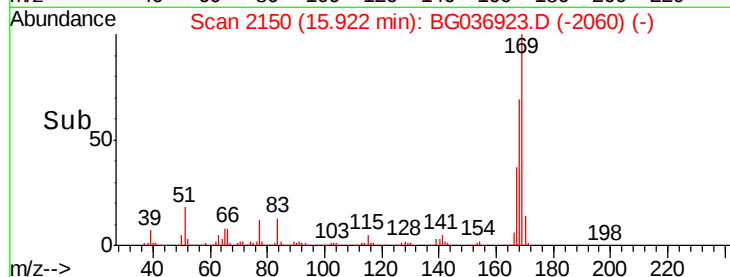
167 36.9 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 49.810 ng

RT: 16.60 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

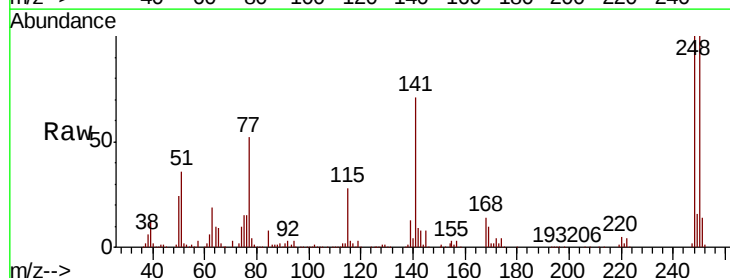
Tgt Ion:248 Resp: 189528

Ion Ratio Lower Upper

248 100

250 100.1 78.1 117.1

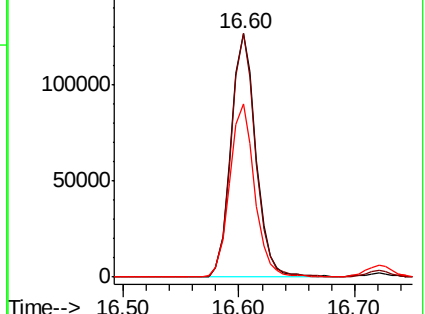
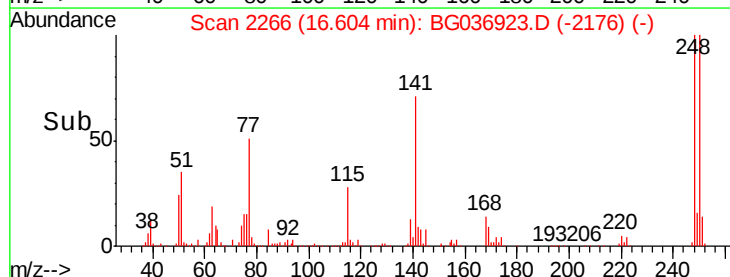
141 70.9 53.7 80.5

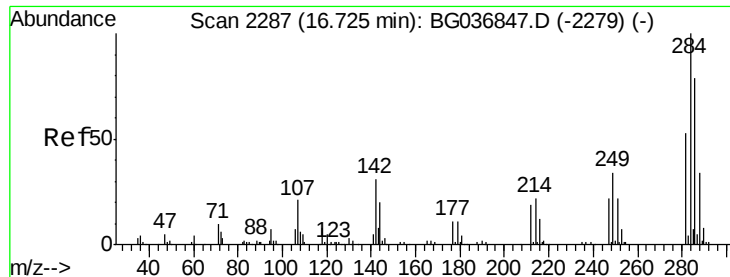


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

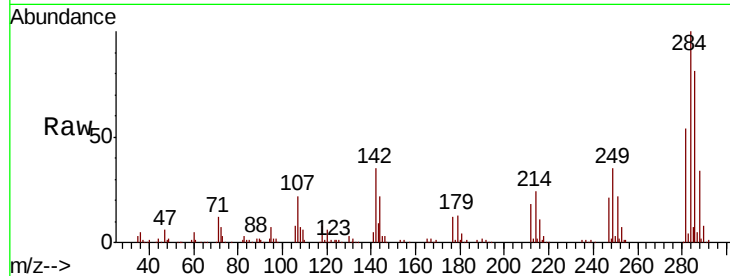




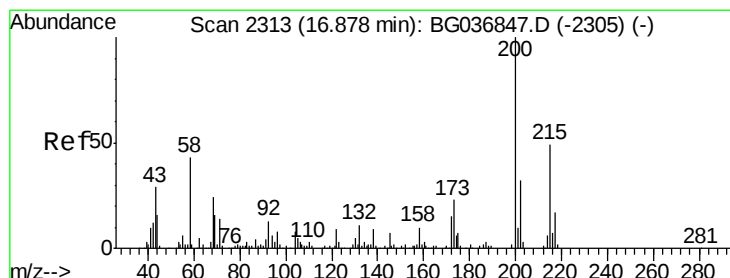
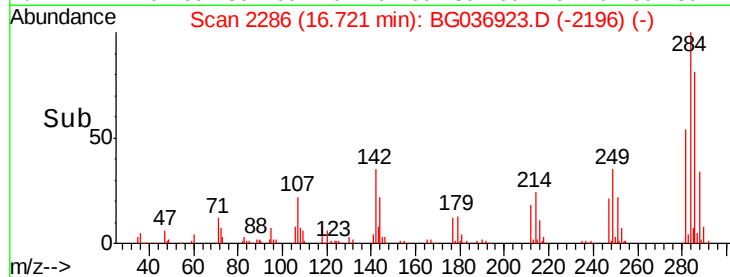
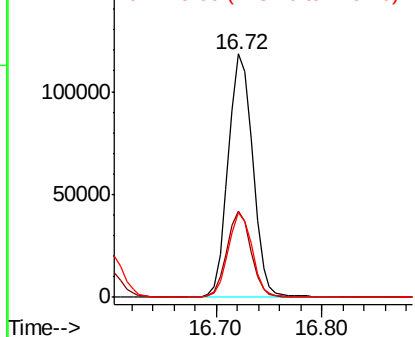
#67
Hexachlorobenzene
Concen: 48.659 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tgt Ion	Resp	Lower	Upper
284	190692		
142	35.4	27.8	41.6
249	35.1	27.4	41.2

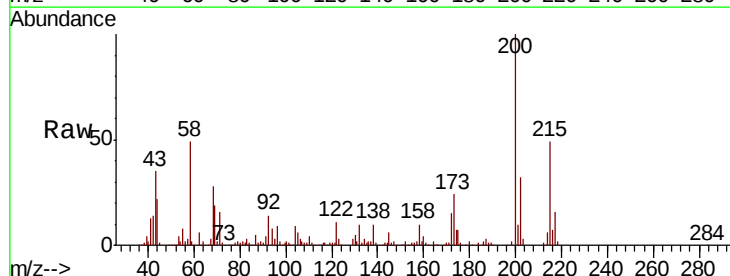


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

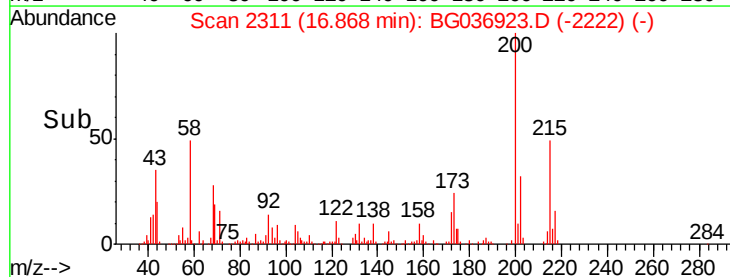
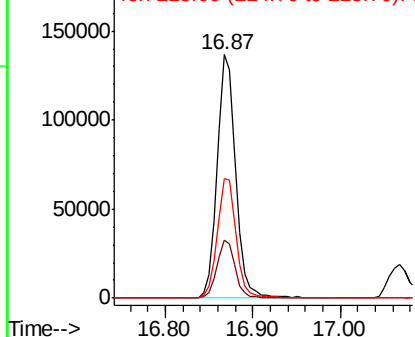


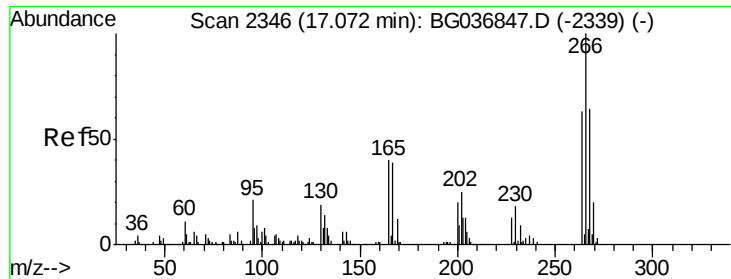
#68
Atrazine
Concen: 53.964 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Resp	Lower	Upper
200	201795		
173	23.6	3.9	43.9
215	49.0	30.4	70.4



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

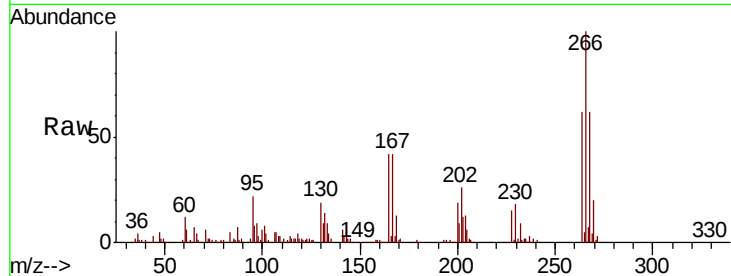




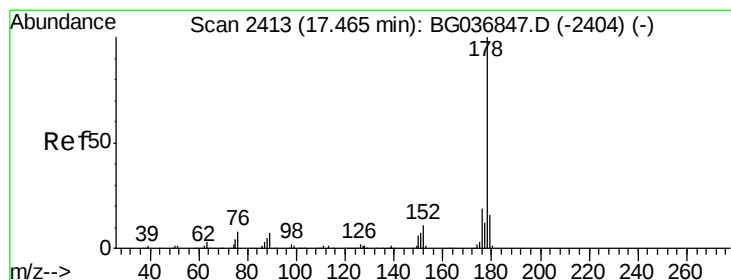
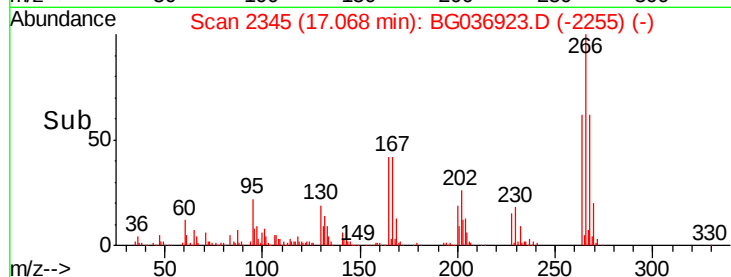
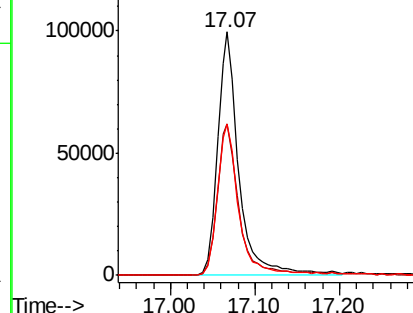
#69
 Pentachlorophenol
 Concen: 71.739 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.4	77.2
264	62.4	48.9	73.3

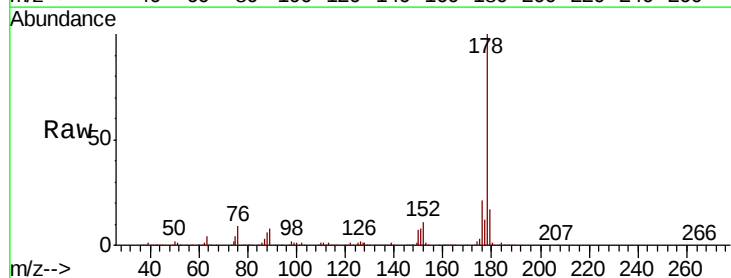


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

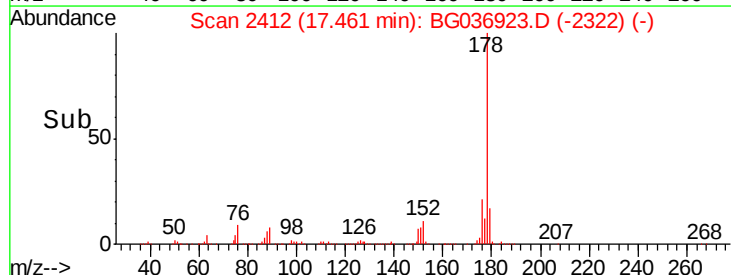
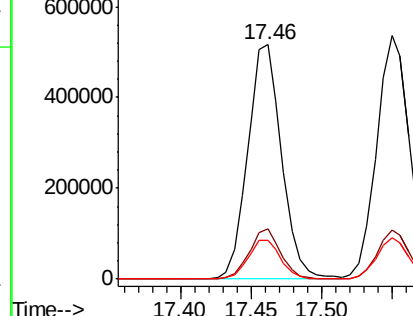


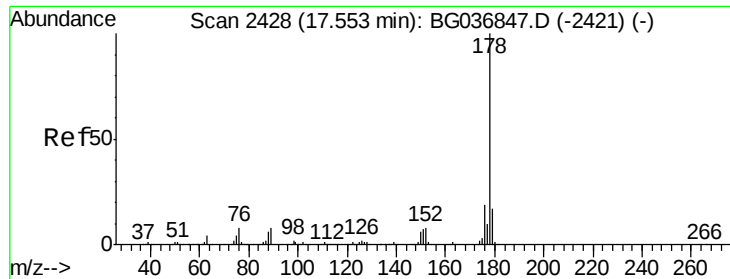
#70
 Phenanthrene
 Concen: 53.883 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.4	23.2
179	16.6	13.4	20.2



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

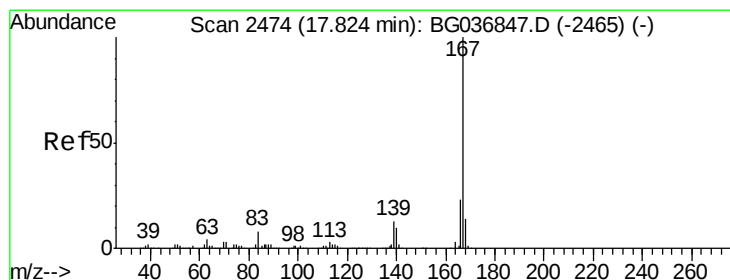
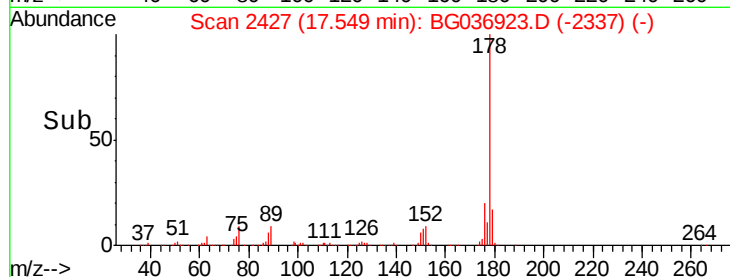
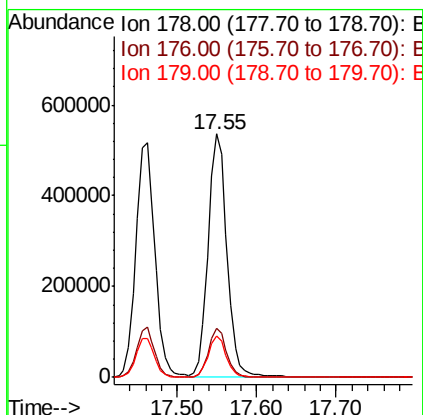
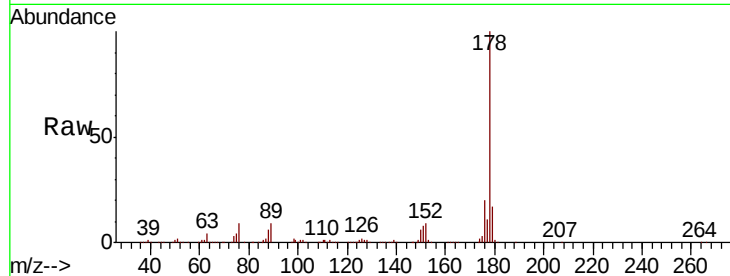




#71
 Anthracene
 Concen: 55.698 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

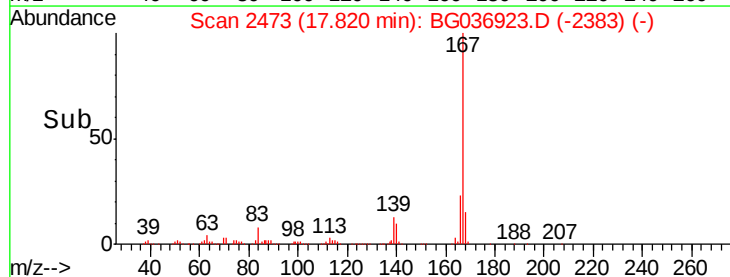
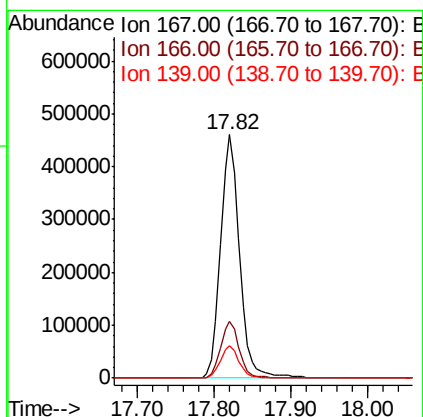
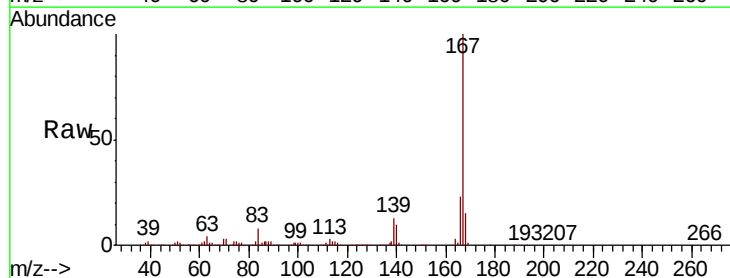
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

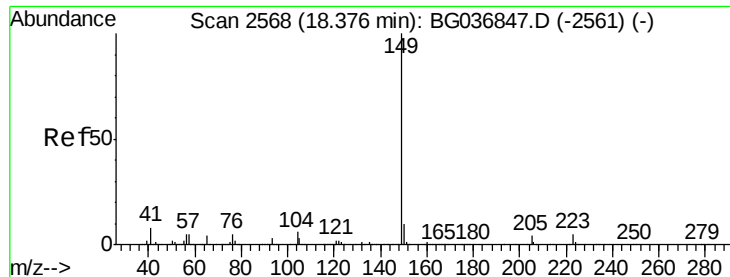
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	17.2	13.0	19.4



#72
 Carbazole
 Concen: 50.479 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.5	29.3
139	13.4	10.7	16.1

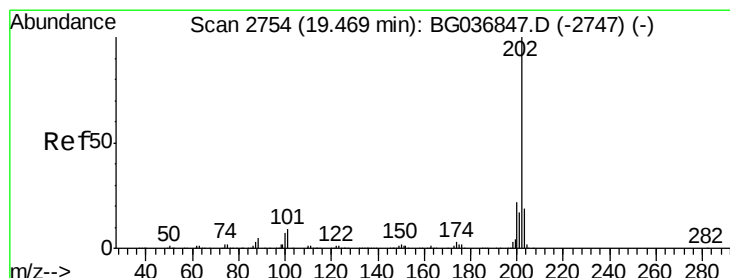
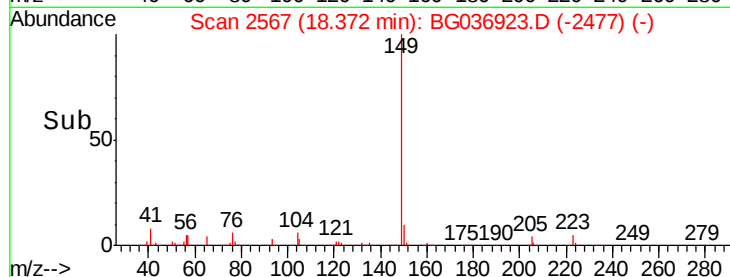
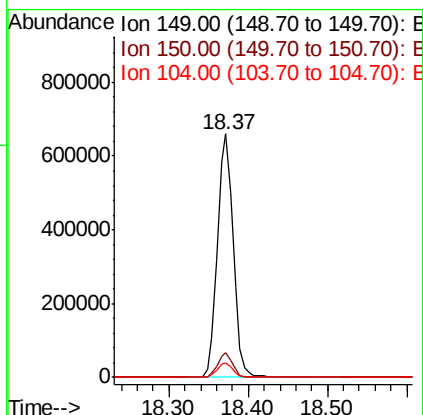
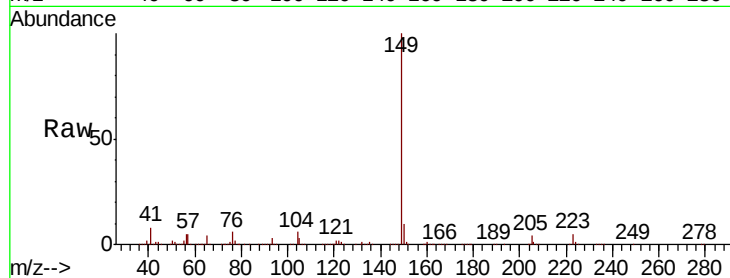




#73
Di-n-butylphthalate
Concen: 52.640 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

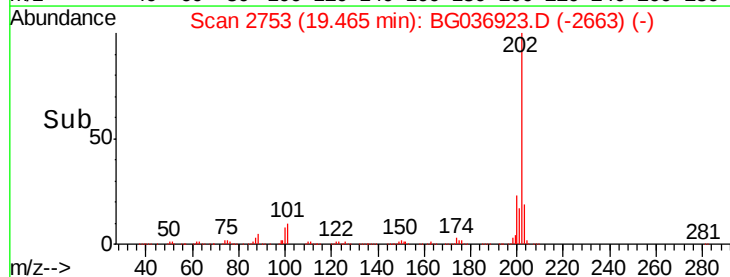
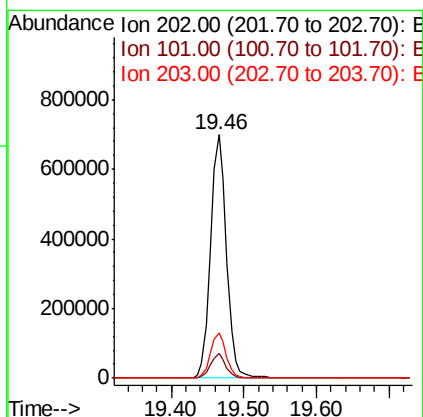
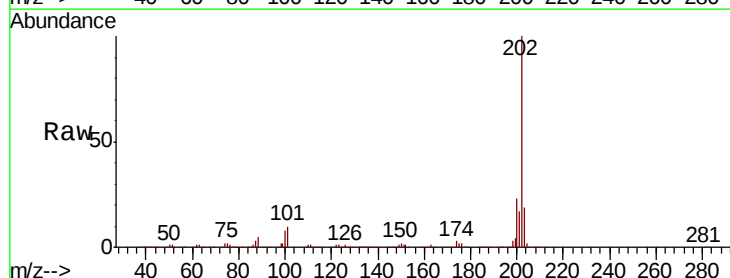
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

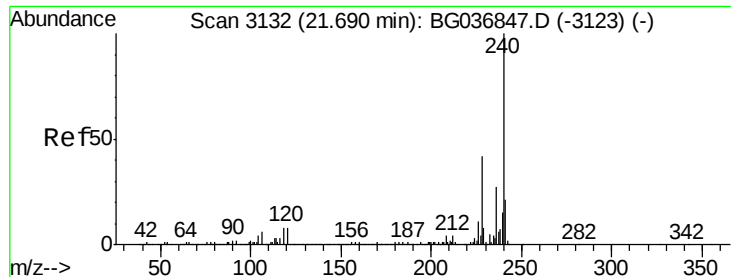
Tgt Ion:149 Resp: 908556
Ion Ratio Lower Upper
149 100
150 10.3 8.1 12.1
104 5.9 4.6 6.8



#74
Fluoranthene
Concen: 54.783 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:202 Resp: 1063049
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.4
203 18.8 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

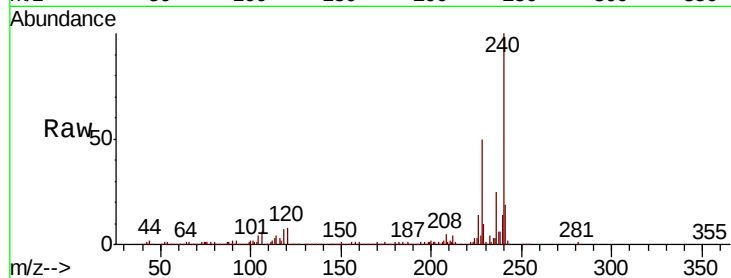
Tgt Ion:240 Resp: 339960

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

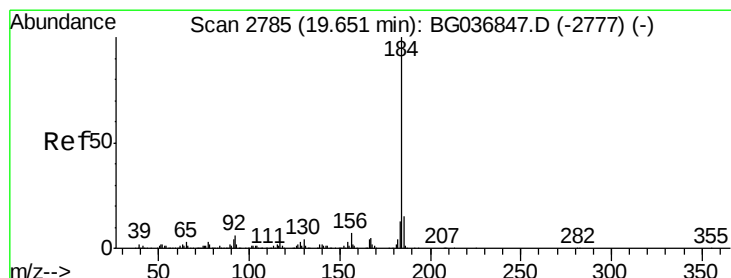
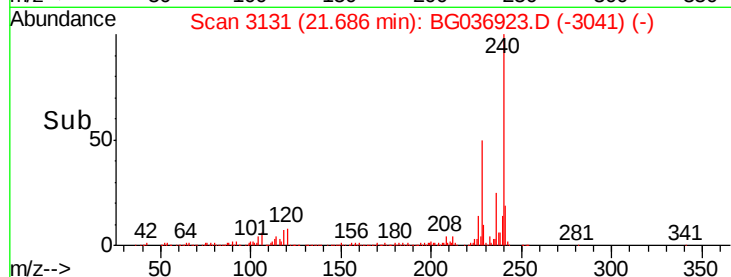
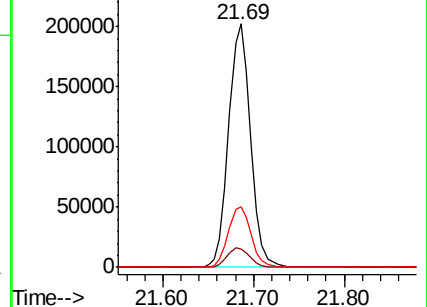
236 25.0 21.2 31.8



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



#76

Benzidine

Concen: 28.528 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

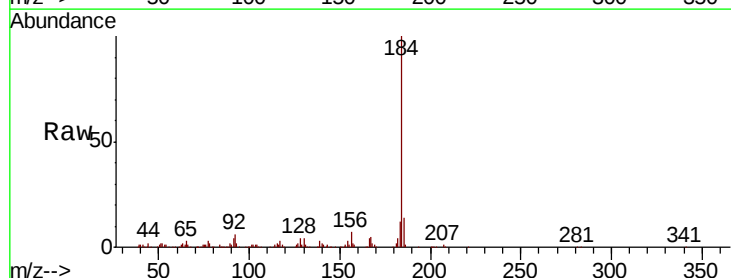
Tgt Ion:184 Resp: 293182

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

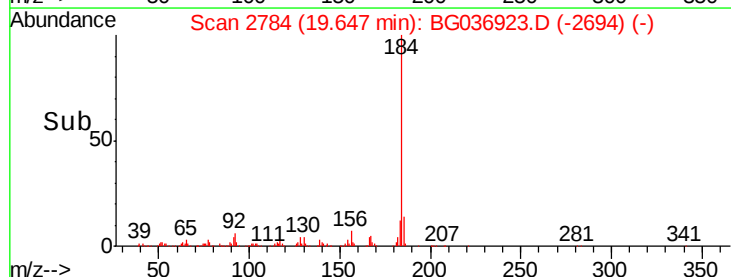
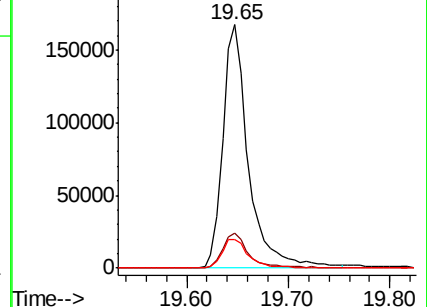
183 12.0 10.9 16.3

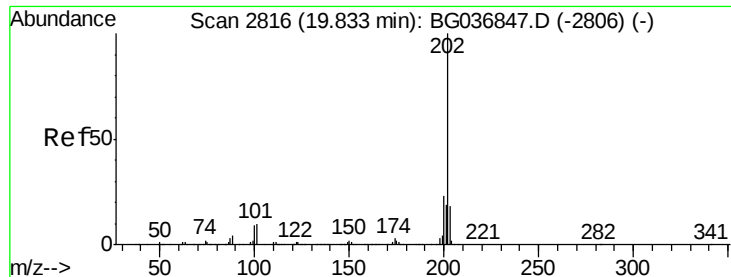


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.918 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

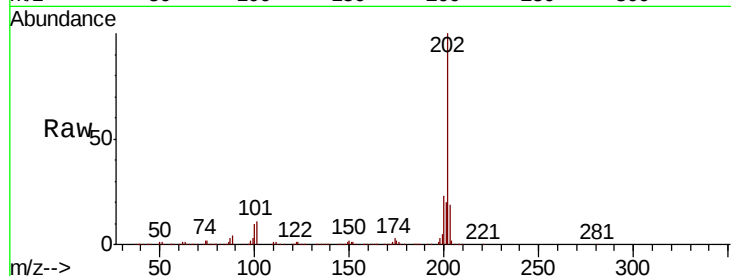
Tgt Ion:202 Resp: 1038755

Ion Ratio Lower Upper

202 100

200 23.2 18.3 27.5

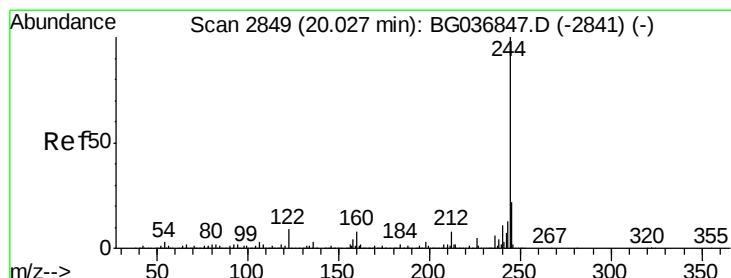
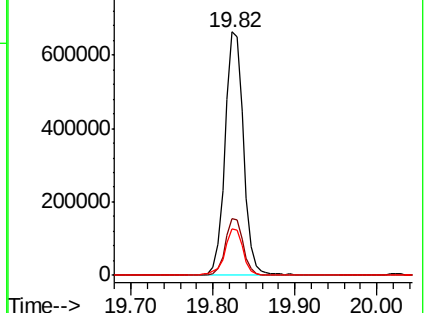
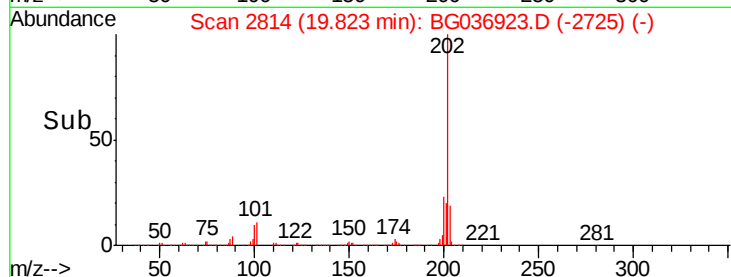
203 19.0 15.1 22.7



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



#78

Terphenyl-d14

Concen: 91.602 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

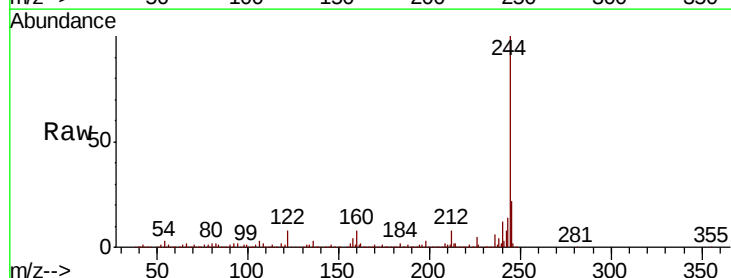
Tgt Ion:244 Resp: 1184297

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

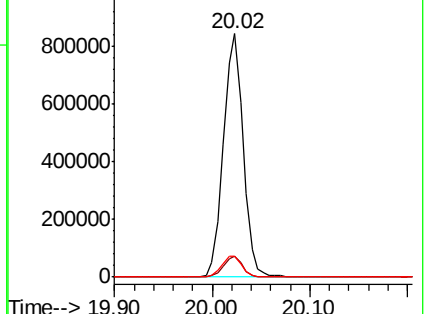
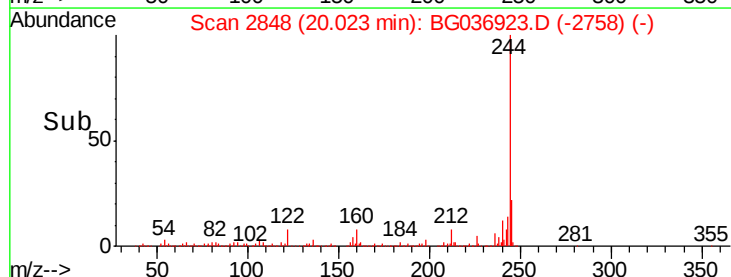
122 8.4 7.1 10.7

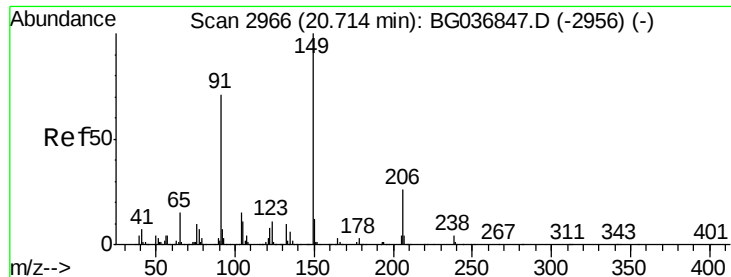


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

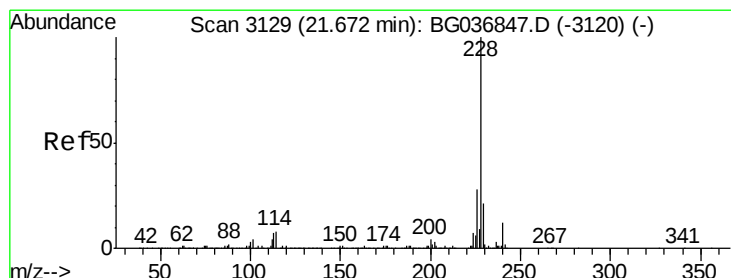
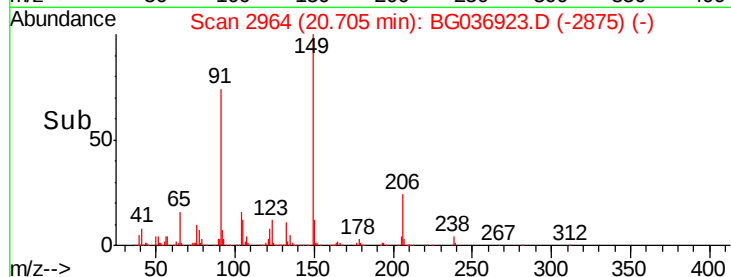
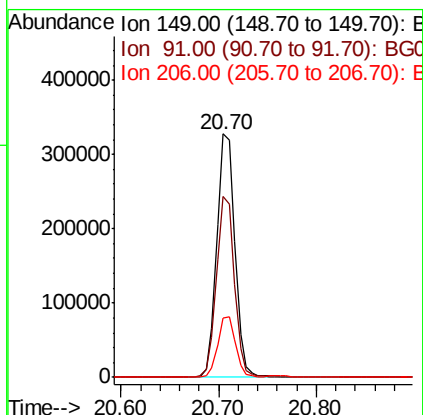
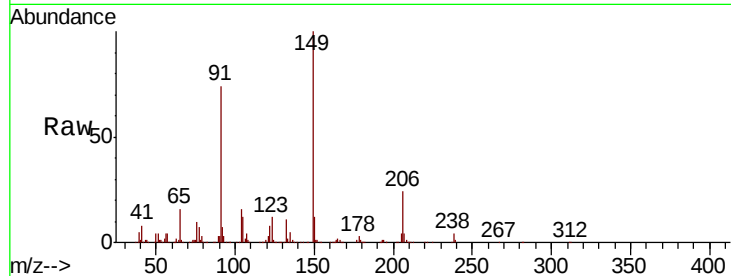




#79
Butylbenzylphthalate
Concen: 52.318 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

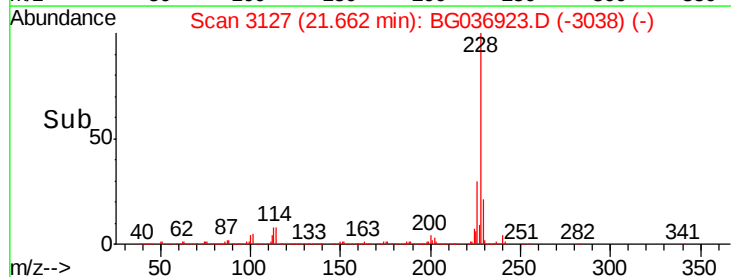
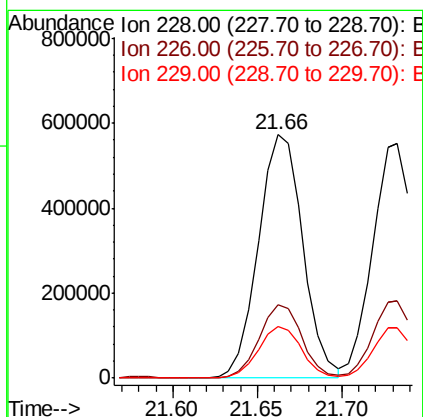
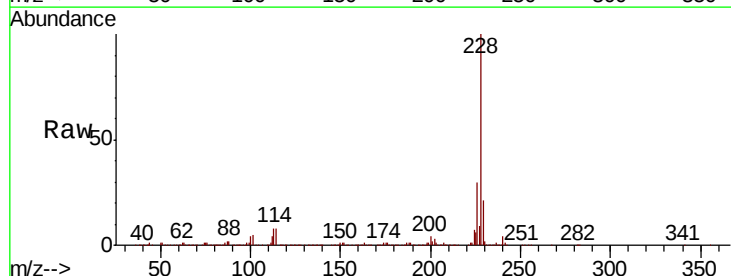
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

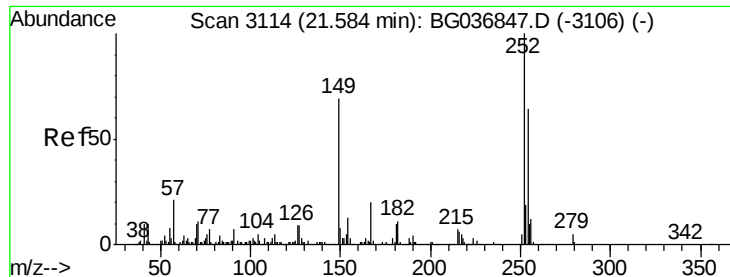
Tgt Ion:149 Resp: 425424
Ion Ratio Lower Upper
149 100
91 74.2 62.0 93.0
206 24.4 19.6 29.4



#80
Benzo(a)anthracene
Concen: 52.683 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:228 Resp: 1045497
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 21.3 17.1 25.7

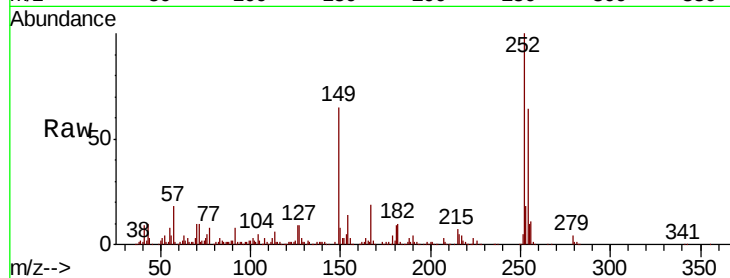




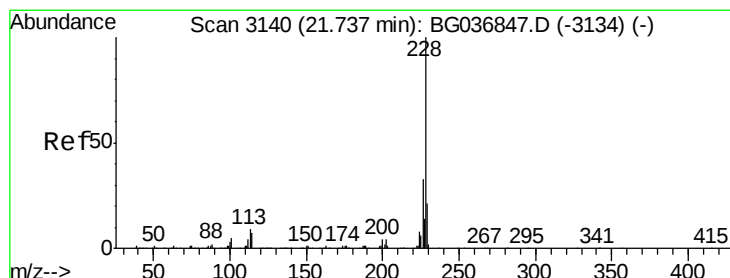
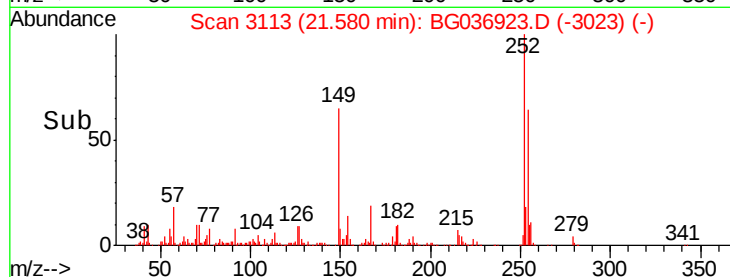
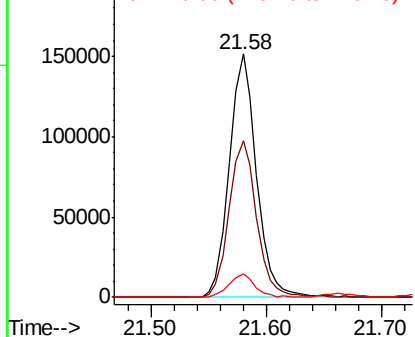
#81
 3,3'-Dichlorobenzidine
 Concen: 32.768 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tgt Ion: 252 Resp: 247523
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.0 76.4
 126 9.4 7.4 11.0

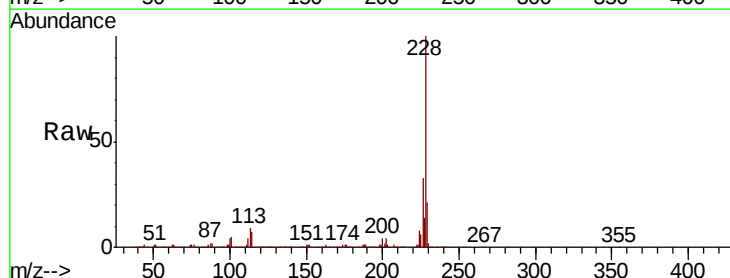


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

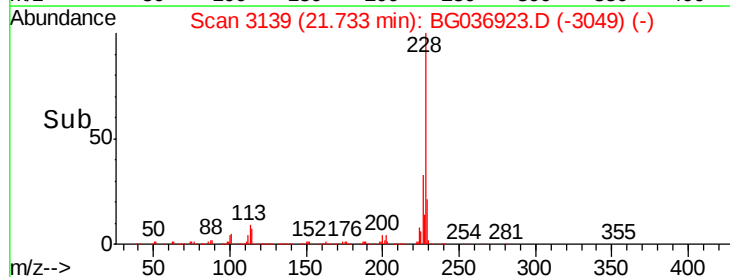
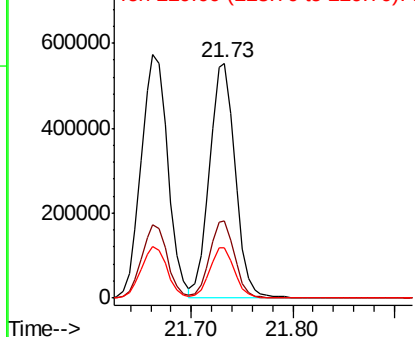


#82
 Chrysene
 Concen: 50.553 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion: 228 Resp: 969324
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.5 38.3
 229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.275 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

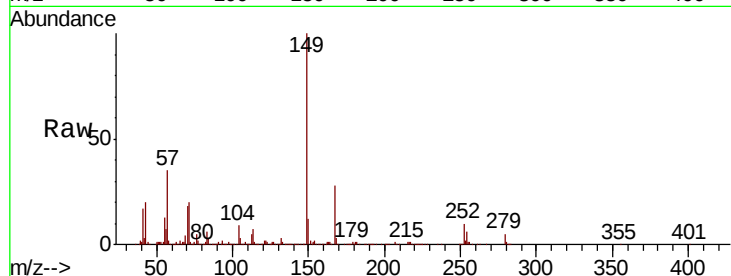
Tgt Ion:149 Resp: 582453

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

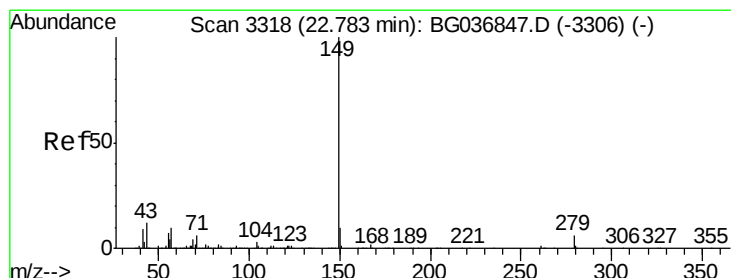
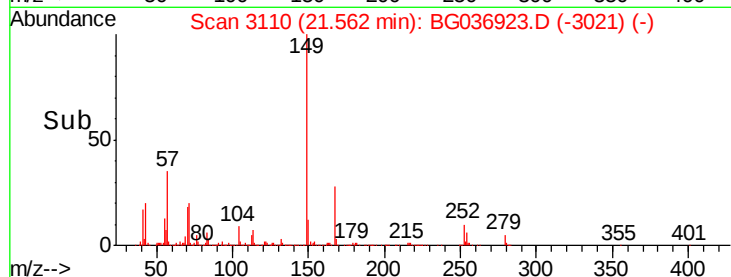
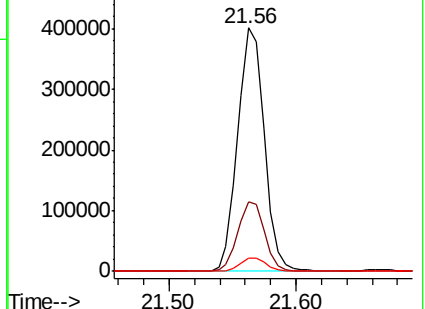
279 5.4 4.6 7.0



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



#84

Di-n-octyl phthalate

Concen: 52.899 ng

RT: 22.77 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

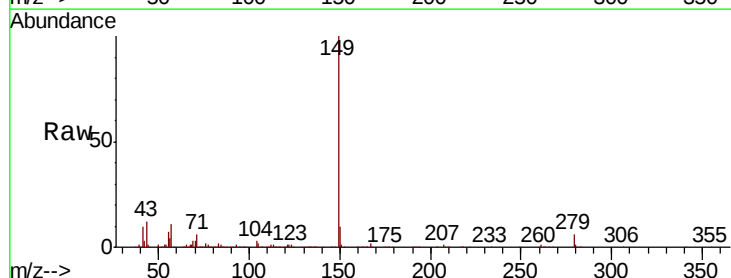
Tgt Ion:149 Resp: 989378

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

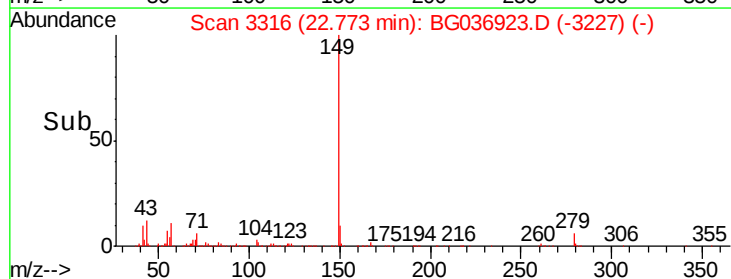
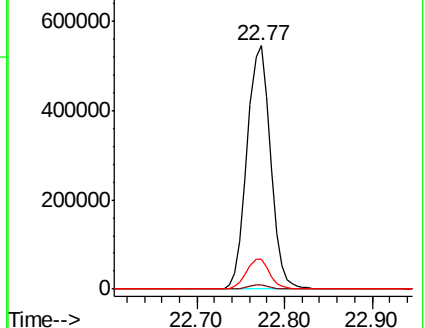
43 12.1 10.0 15.0

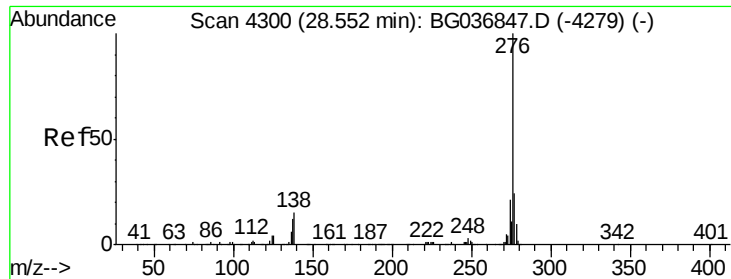


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

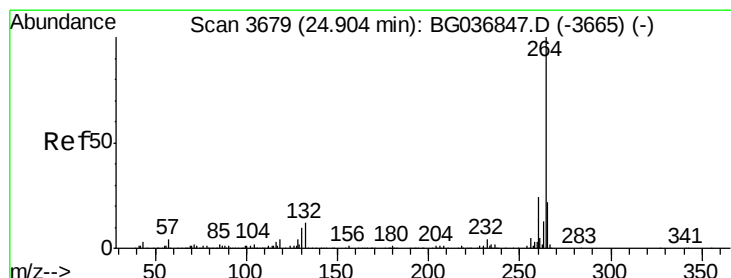
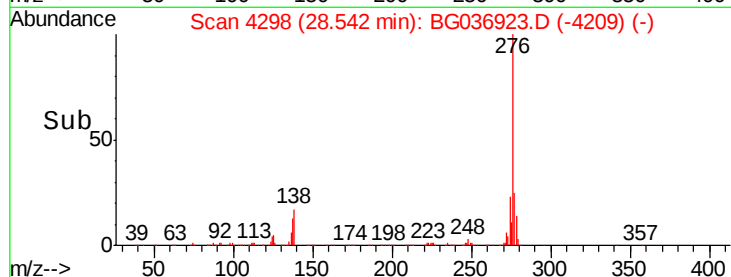
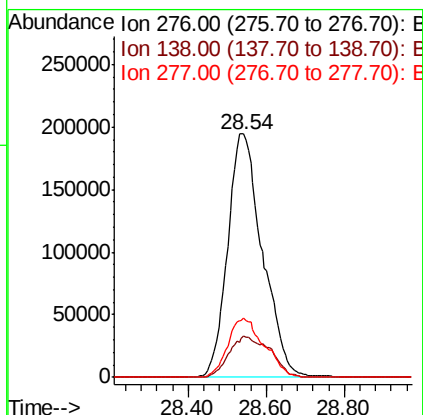
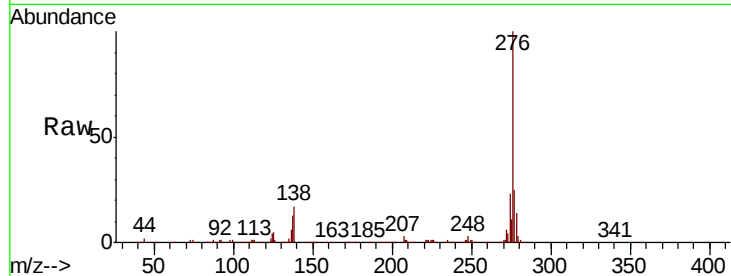




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.596 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.01 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

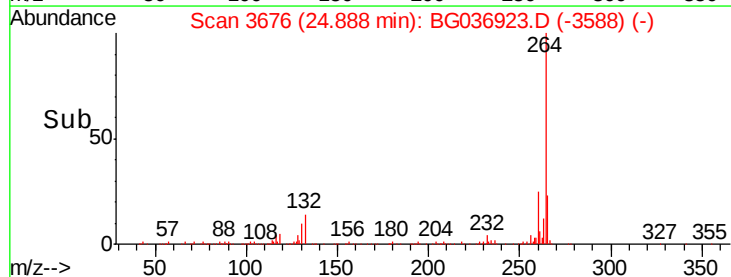
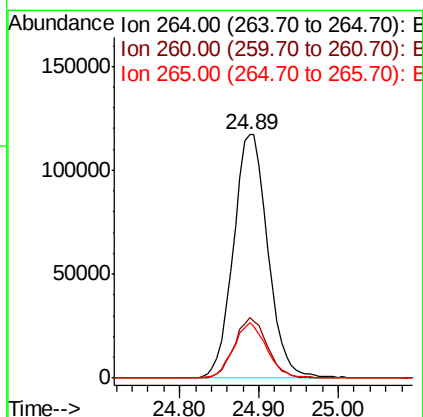
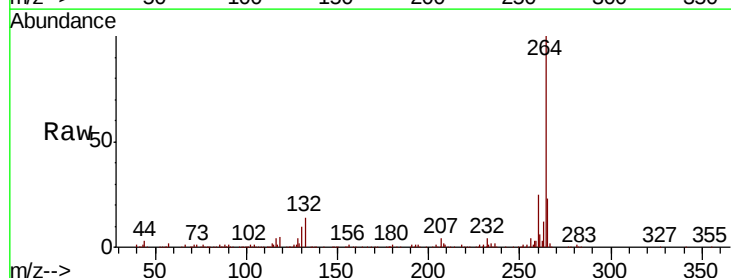
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

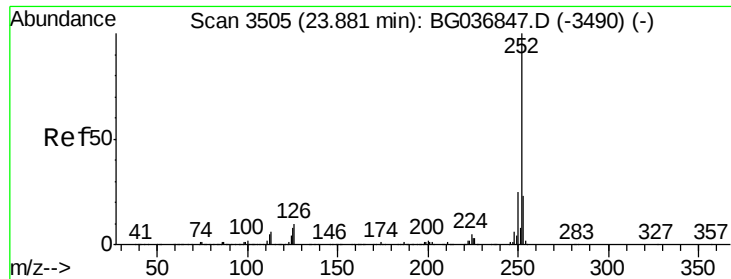
Tgt Ion:276 Resp: 1206500
 Ion Ratio Lower Upper
 276 100
 138 20.1 10.6 15.8#
 277 25.5 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion:264 Resp: 352434
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 22.9 17.4 26.0

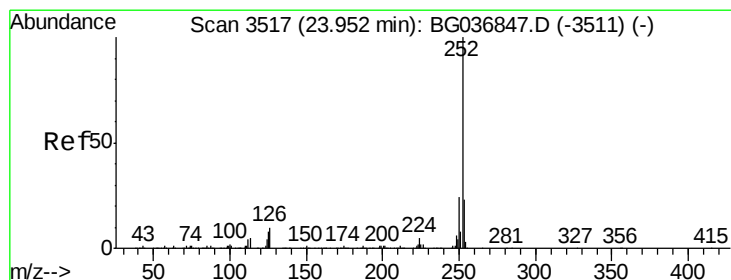
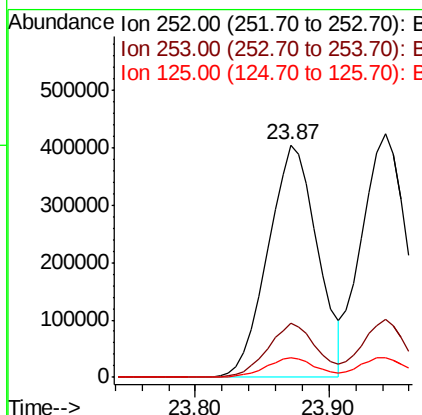
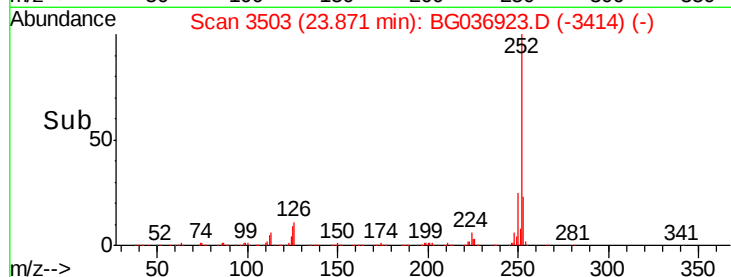
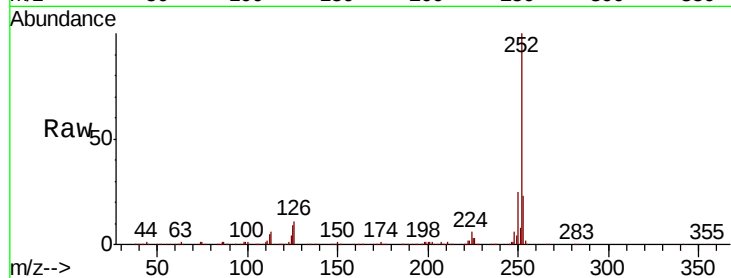




#87
Benzo(b)fluoranthene
Concen: 55.551 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

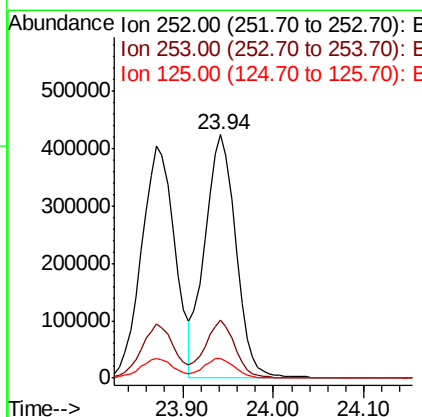
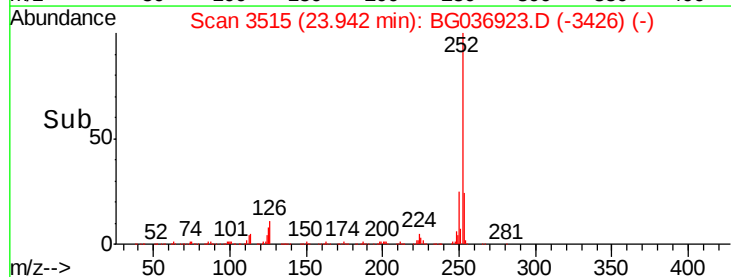
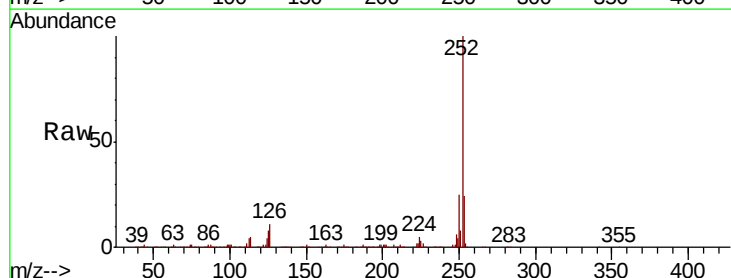
Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

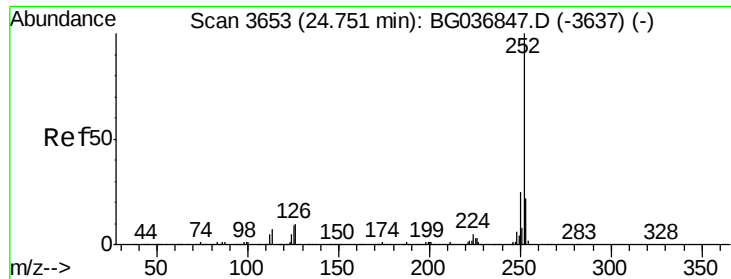
Tgt Ion:252 Resp: 1043368
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 8.6 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 53.476 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion:252 Resp: 1007670
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 8.2 7.0 10.6





#89

Benzo(a)pyrene

Concen: 56.407 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

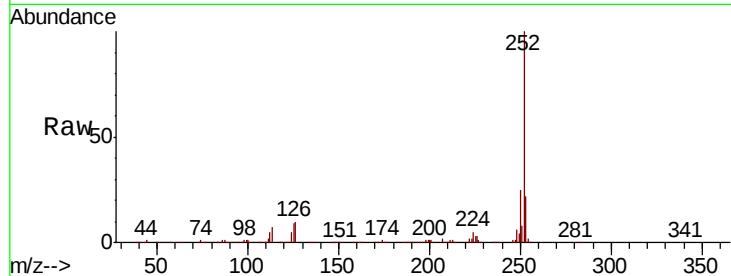
Tgt Ion:252 Resp: 1024244

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

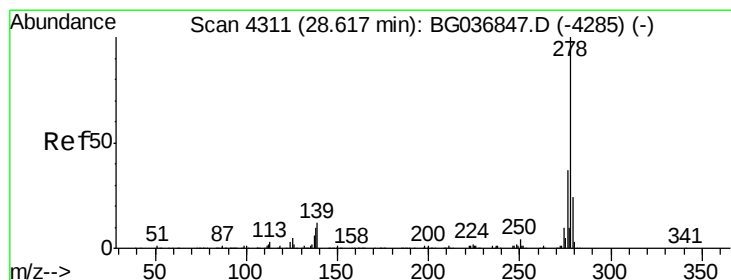
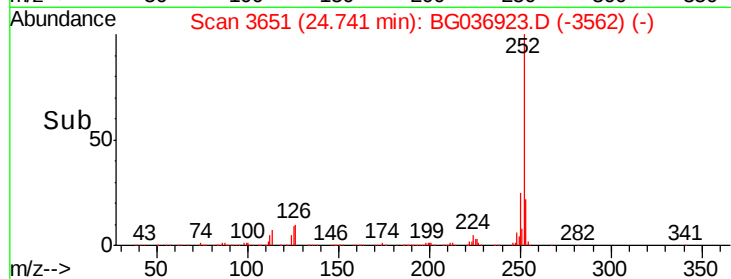
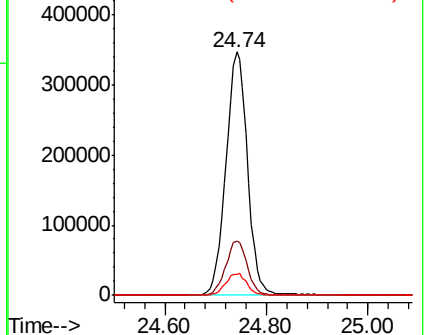
125 8.6 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 56.846 ng

RT: 28.61 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

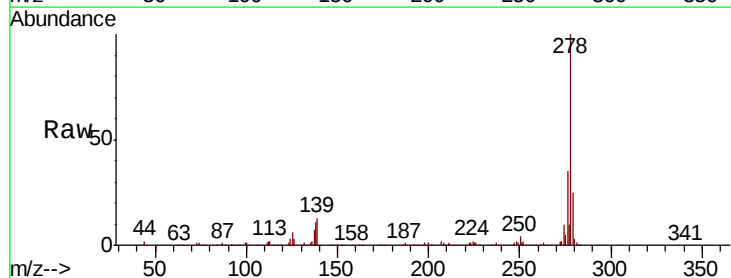
Tgt Ion:278 Resp: 967397

Ion Ratio Lower Upper

278 100

139 12.9 11.0 16.4

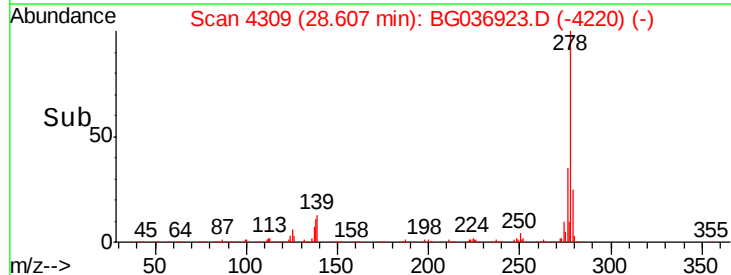
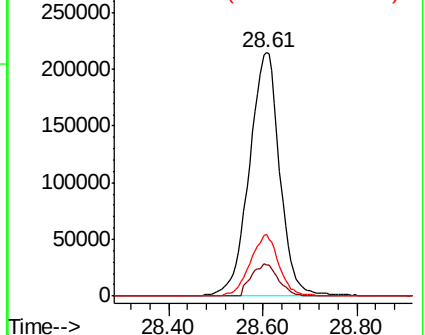
279 25.2 18.7 28.1

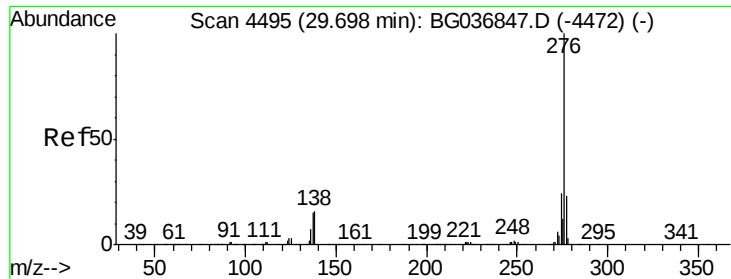


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 58.528 ng

RT: 29.69 min Scan# 4493

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

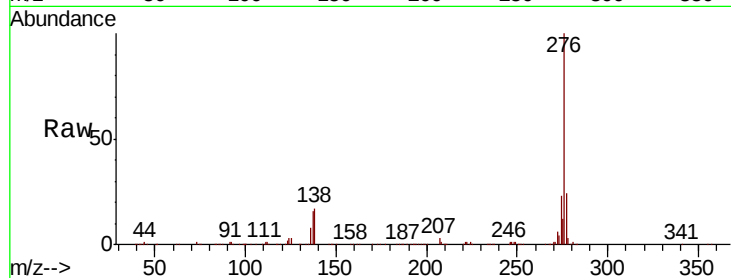
Tgt Ion: 276 Resp: 999620

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 17.1 14.6 22.0



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

