

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
 Data File : BG039044.D
 Acq On : 10 Jan 2019 7:35
 Operator : JU/SJ
 Sample : K1006-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Quant Time: Jan 10 09:46:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21345	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	97512	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77154	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	212399	20.00	ng	0.00
76) Chrysene-d12	21.70	240	171637	20.00	ng	0.00
87) Perylene-d12	24.99	264	192088	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	154755	137.53	ng	0.00
7) Phenol-d6	7.19	99	203635	125.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	148039	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	179094	138.48	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	433507	76.90	ng	0.00
79) Terphenyl-d14	20.03	244	847206	91.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	12351	28.030	ng	# 1
3) Pyridine	3.88	79	38590	32.231	ng	93
4) n-Nitrosodimethylamine	3.79	42	23851	44.269	ng	86
6) Aniline	7.35	93	65557	33.710	ng	97
8) 2-Chlorophenol	7.59	128	61746	46.552	ng	97
9) Benzaldehyde	7.17	77	20101	21.525	ng	98
10) Phenol	7.22	94	66854	41.179	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	51617	41.599	ng	99
12) 1,3-Dichlorobenzene	7.92	146	53488	33.658	ng	98
13) 1,4-Dichlorobenzene	8.06	146	56119	34.868	ng	99
14) 1,2-Dichlorobenzene	8.38	146	55572	36.213	ng	97
15) Benzyl Alcohol	8.28	79	59041	48.415	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99711	41.908	ng	98
17) 2-Methylphenol	8.48	107	55412	49.154	ng	95
18) Hexachloroethane	9.10	117	18460	33.761	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	47349	44.527	ng	96
20) 3+4-Methylphenols	8.80	107	75671	47.081	ng	98
22) Acetophenone	8.86	105	96925	38.062	ng	# 99
24) Nitrobenzene	9.25	77	71510	39.701	ng	99
25) Isophorone	9.76	82	142968	46.575	ng	98
26) 2-Nitrophenol	9.96	139	38923	39.951	ng	97
27) 2,4-Dimethylphenol	10.01	122	66003	48.153	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	79276	42.971	ng	97
29) 2,4-Dichlorophenol	10.49	162	79719	46.816	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	69316	33.879	ng	100
31) Naphthalene	10.90	128	189671	38.782	ng	100
32) Benzoic acid	10.17	122	18444	27.020	ng	97
33) 4-Chloroaniline	11.02	127	41133	18.796	ng	98
34) Hexachlorobutadiene	11.16	225	45081	32.022	ng	95
35) Caprolactam	11.85	113	9345	13.686	ng	90
36) 4-Chloro-3-methylphenol	12.13	107	83881	46.056	ng	92
37) 2-Methylnaphthalene	12.50	142	162848	44.412	ng	97
38) 1-Methylnaphthalene	12.72	142	154793	43.982	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	103827	35.832	ng	99

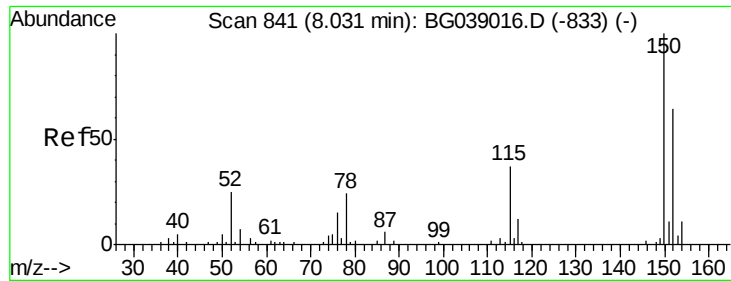
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
 Data File : BG039044.D
 Acq On : 10 Jan 2019 7:35
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 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	96065	60.381	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	78334	42.954	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	86552	44.905	ng	96
46) 1,1'-Biphenyl	13.51	154	229880	37.602	ng	100
47) 2-Chloronaphthalene	13.55	162	183900	37.172	ng	99
48) 2-Nitroaniline	13.77	65	59623	43.019	ng	96
49) Acenaphthylene	14.40	152	316336	42.541	ng	99
50) Dimethylphthalate	14.12	163	278773	42.758	ng	99
51) 2,6-Dinitrotoluene	14.26	165	62571	42.925	ng	97
52) Acenaphthene	14.74	154	182798	40.915	ng	97
53) 3-Nitroaniline	14.59	138	41722	28.215	ng	99
54) 2,4-Dinitrophenol	14.80	184	60101	69.706	ng	94
55) Dibenzofuran	15.07	168	321380	40.730	ng	99
56) 4-Nitrophenol	14.90	139	80972	76.103	ng	99
57) 2,4-Dinitrotoluene	15.04	165	91025	43.526	ng	95
58) Fluorene	15.72	166	266975	44.950	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	82903	45.565	ng	98
60) Diethylphthalate	15.47	149	292896	43.602	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	152115	40.652	ng	100
62) 4-Nitroaniline	15.76	138	61486	39.914	ng	97
63) Azobenzene	16.00	77	218529	41.599	ng	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	51866	32.961	ng	91
66) n-Nitrosodiphenylamine	15.93	169	249322	39.597	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	106863	39.140	ng	94
68) Hexachlorobenzene	16.72	284	114457	38.418	ng	98
69) Atrazine	16.87	200	107533	40.201	ng	98
70) Pentachlorophenol	17.07	266	109284	60.865	ng	95
71) Phenanthrene	17.47	178	477413	42.525	ng	98
72) Anthracene	17.56	178	484492	43.647	ng	99
73) Carbazole	17.83	167	414831	37.857	ng	99
74) Di-n-butylphthalate	18.36	149	492139	40.371	ng	99
75) Fluoranthene	19.47	202	545254	39.177	ng	99
77) Benzidine	19.66	184	125693	23.943	ng	99
78) Pyrene	19.83	202	532515	48.684	ng	99
80) Butylbenzylphthalate	20.70	149	180379	43.358	ng	97
81) Benzo(a)anthracene	21.68	228	466636	44.661	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	118481	27.831	ng	97
83) Chrysene	21.75	228	433001	43.573	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	248660	43.047	ng	96
85) Di-n-octyl phthalate	22.76	149	429931	44.016	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	553971	46.653	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	471864	44.550	ng	99
89) Benzo(k)fluoranthene	24.00	252	466413	44.538	ng	100
90) Benzo(a)pyrene	24.83	252	463200	45.245	ng	97
91) Dibenzo(a,h)anthracene	28.81	278	460172	45.190	ng	98
92) Benzo(g,h,i)perylene	29.93	276	461013	45.730	ng	98

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

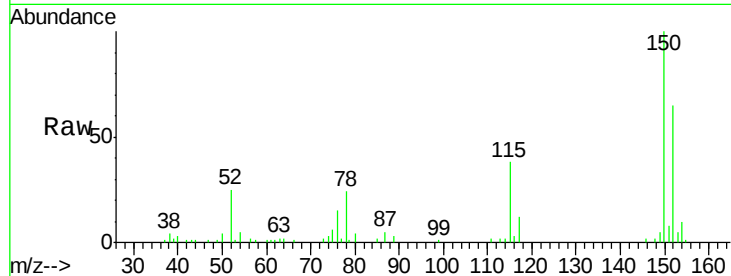


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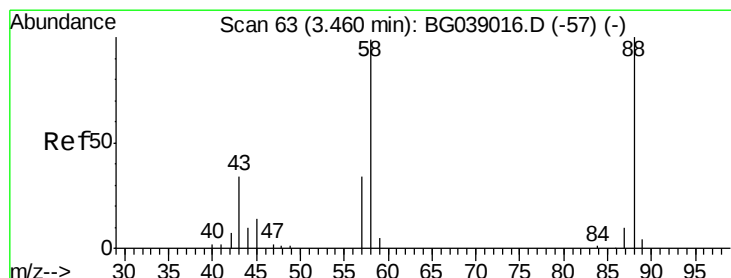
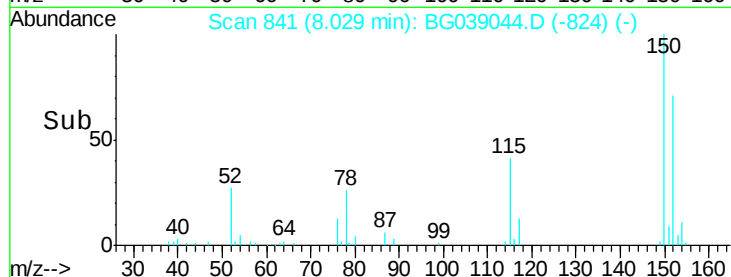
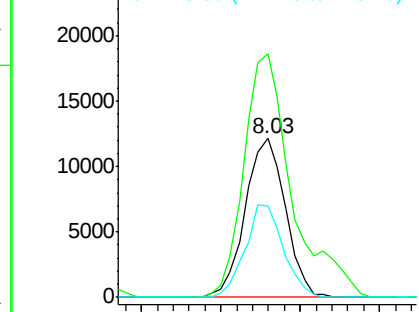
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion:152 Resp: 21345
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 57.6 46.5 69.7



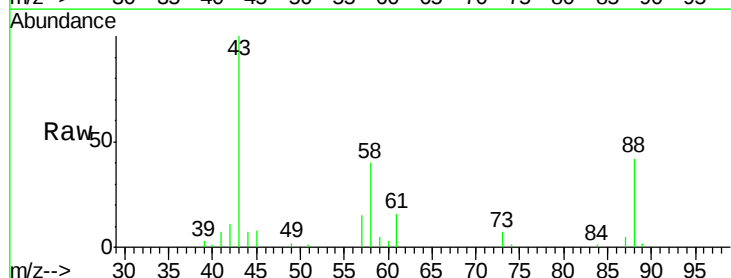
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



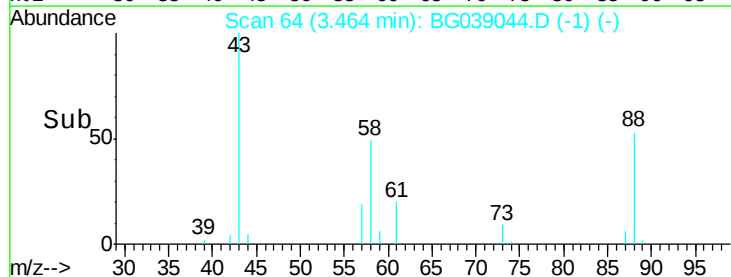
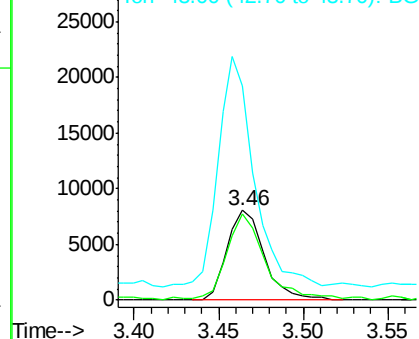
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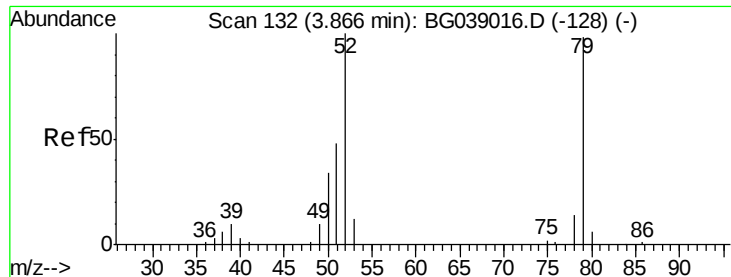
1,4-Dioxane
Concen: 28.030 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion: 88 Resp: 12351
Ion Ratio Lower Upper
88 100
58 102.0 72.4 108.6
43 251.6 27.6 41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.231 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

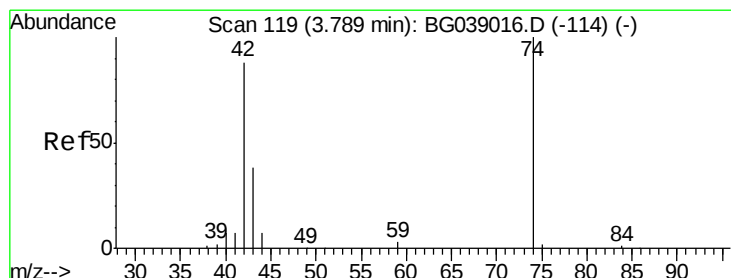
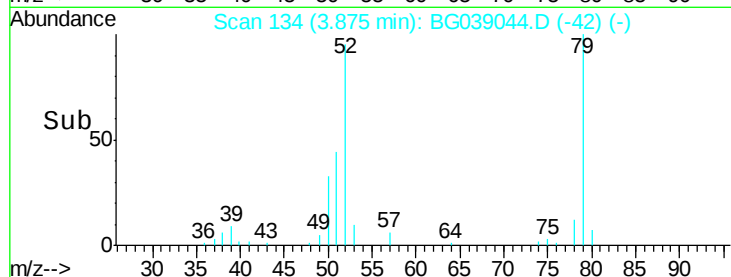
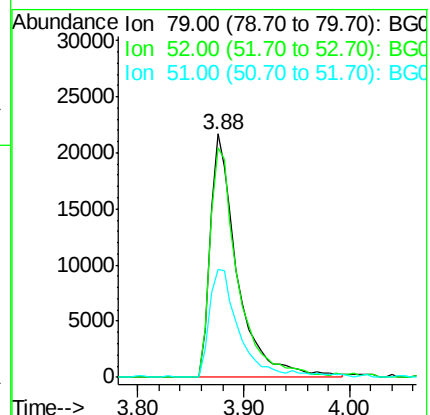
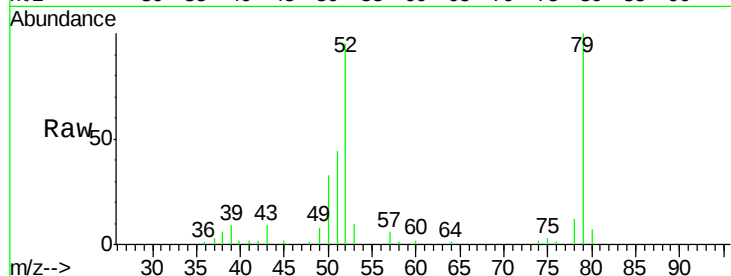
Tgt Ion: 79 Resp: 38590

Ion Ratio Lower Upper

79 100

52 94.5 81.5 122.3

51 44.4 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 44.269 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

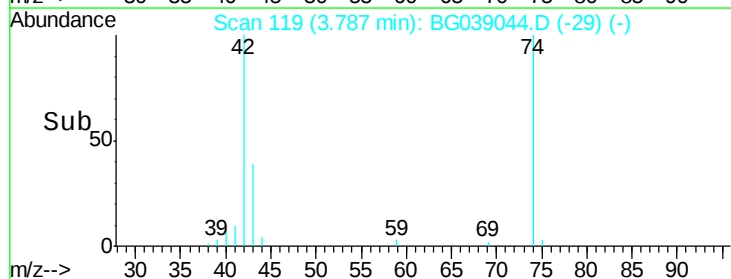
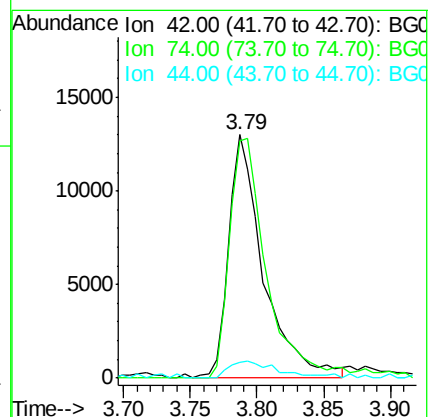
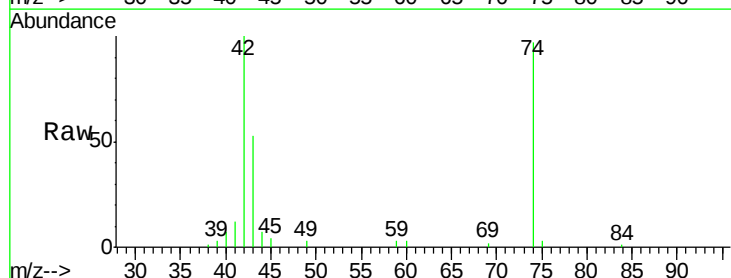
Tgt Ion: 42 Resp: 23851

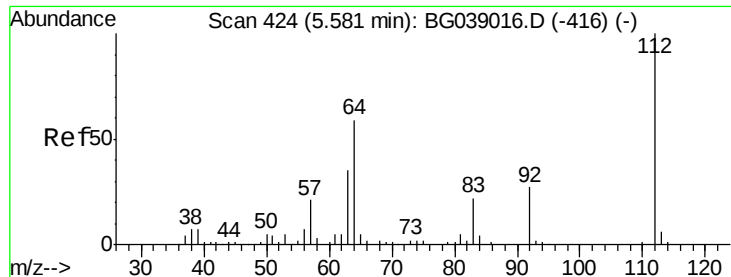
Ion Ratio Lower Upper

42 100

74 97.3 90.7 136.1

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 137.535 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

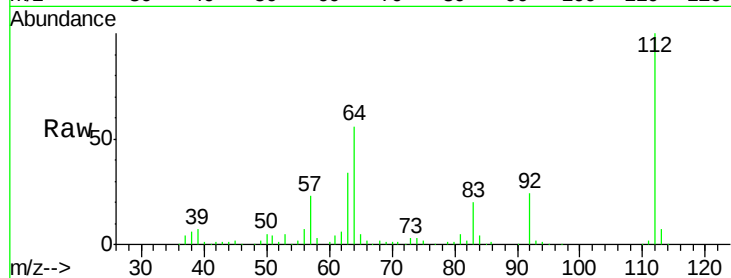
Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

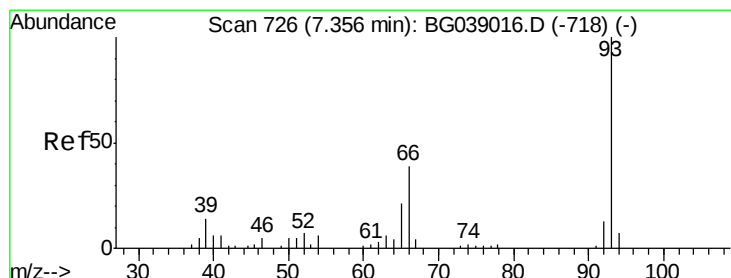
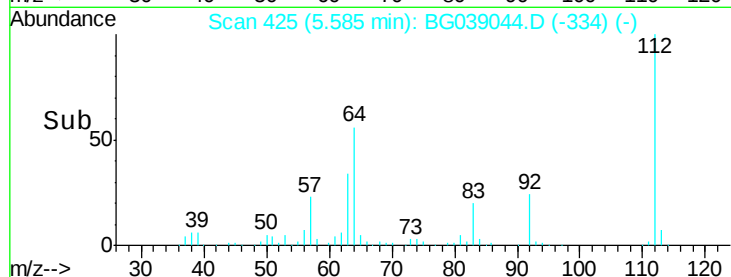
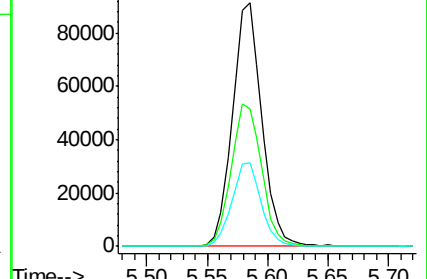
Tgt Ion:	112	Resp:	154755
Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.0	70.6
63	34.5	28.0	42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.710 ng

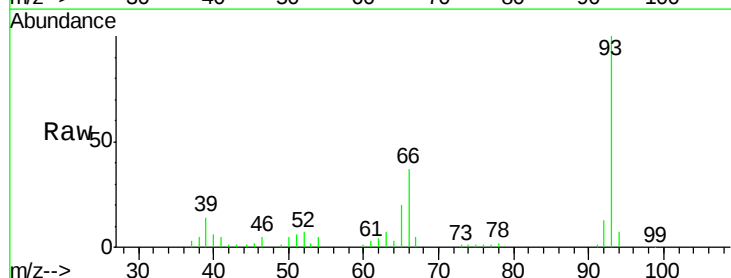
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

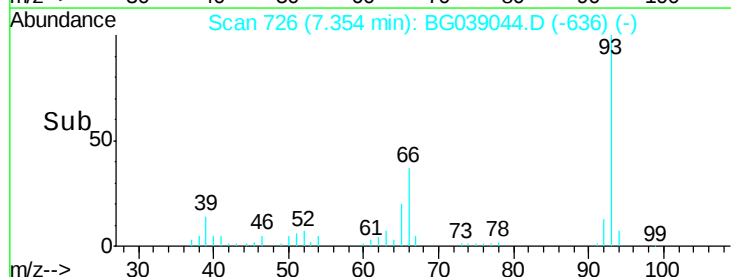
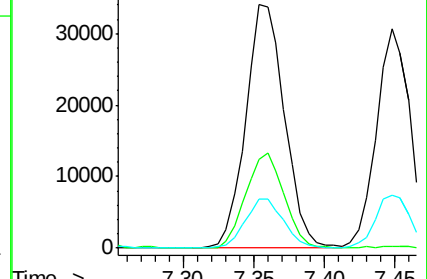
Tgt Ion:	93	Resp:	65557
Ion	Ratio	Lower	Upper
93	100		
66	36.6	30.9	46.3
65	20.4	17.0	25.4

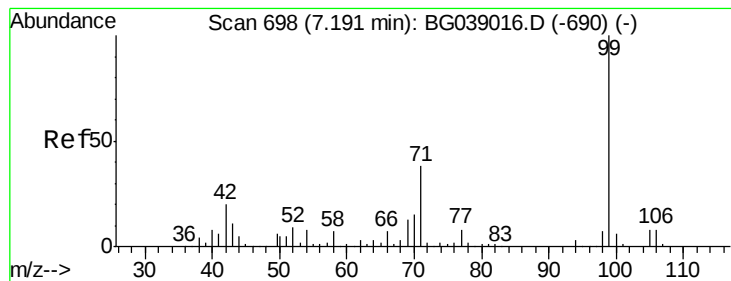


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.753 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

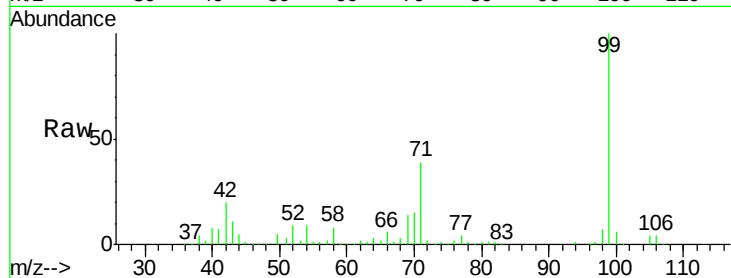
Tgt Ion: 99 Resp: 203635

Ion Ratio Lower Upper

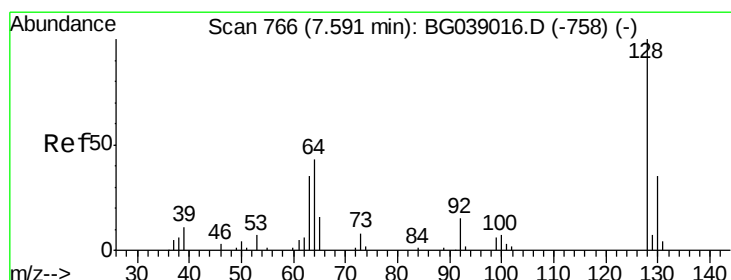
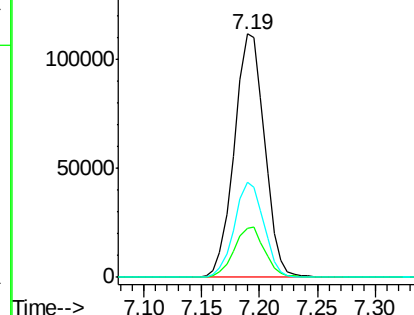
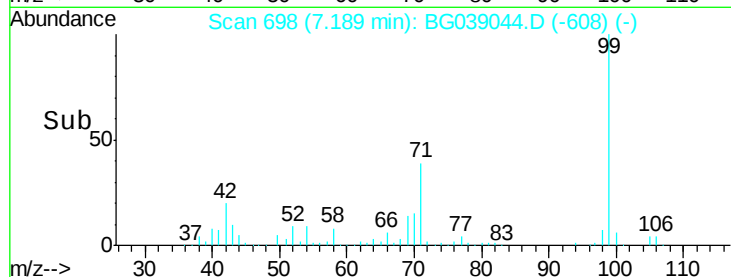
99 100

42 20.1 15.8 23.6

71 38.8 30.2 45.4



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



#8

2-Chlorophenol

Concen: 46.552 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

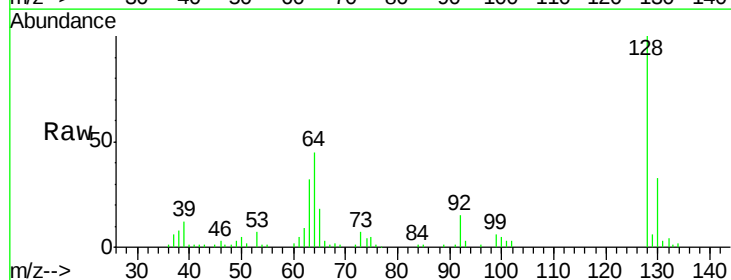
Tgt Ion: 128 Resp: 61746

Ion Ratio Lower Upper

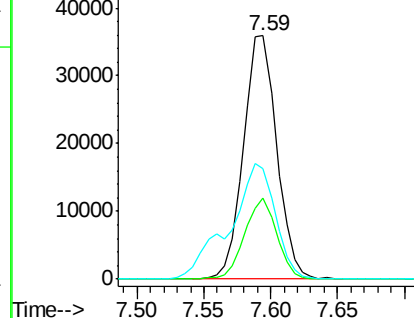
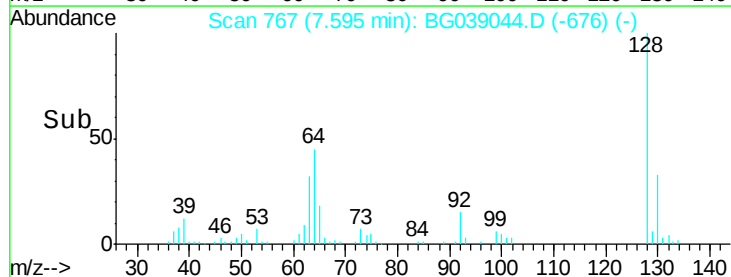
128 100

130 33.1 14.5 54.5

64 45.3 27.3 67.3



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

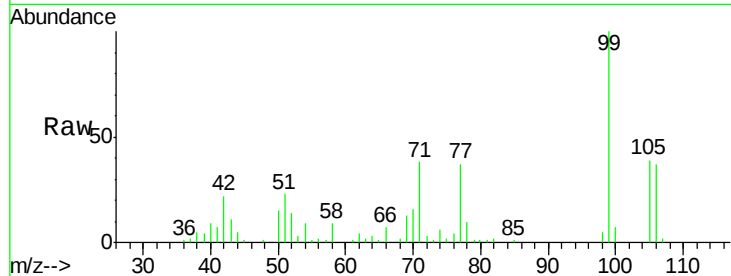




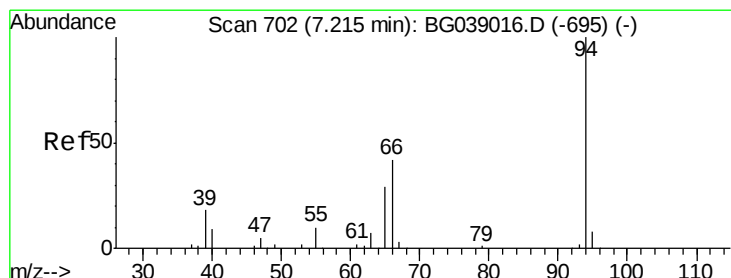
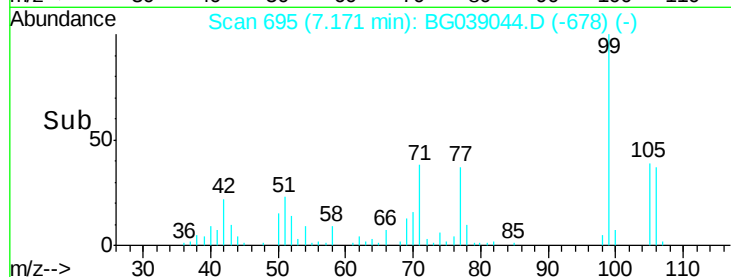
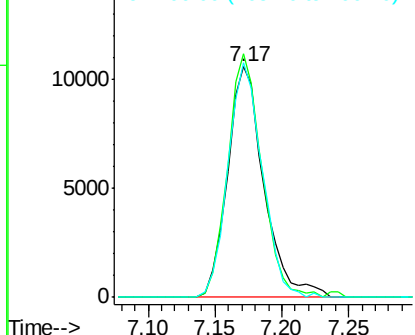
#9
Benzaldehyde
Concen: 21.525 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion: 77 Resp: 20101
Ion Ratio Lower Upper
77 100
105 105.5 82.4 122.4
106 101.7 82.8 122.8

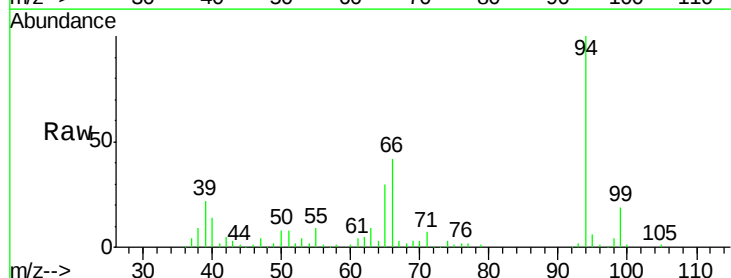


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

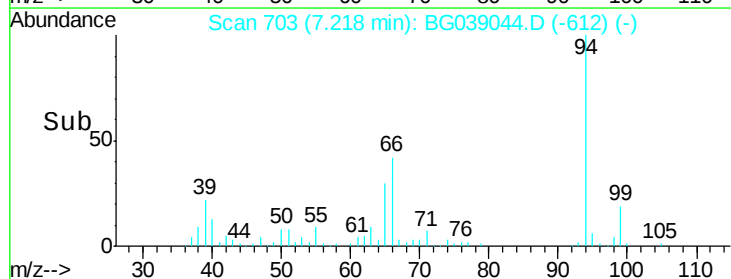
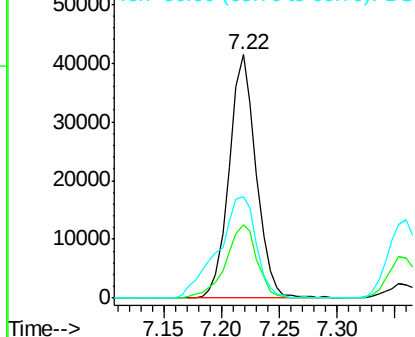


#10
Phenol
Concen: 41.179 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion: 94 Resp: 66854
Ion Ratio Lower Upper
94 100
65 30.4 10.3 50.3
66 41.6 25.1 65.1



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





#11

bis(2-Chloroethyl)ether

Concen: 41.599 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

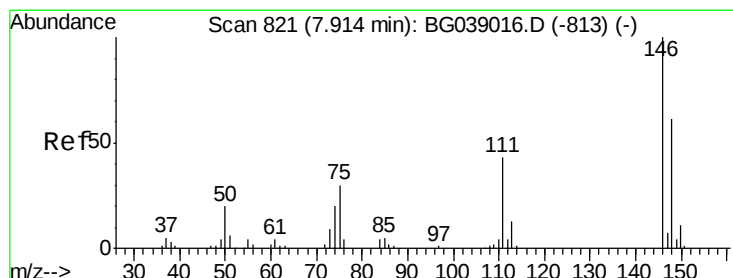
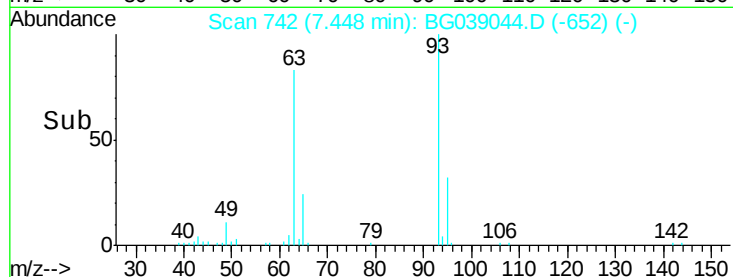
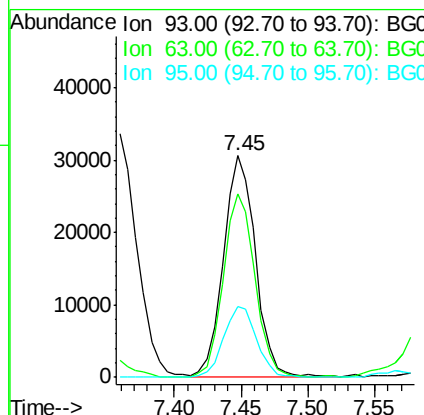
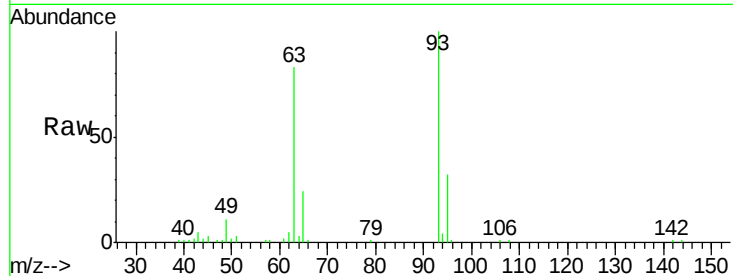
Tgt Ion: 93 Resp: 51617

Ion Ratio Lower Upper

93 100

63 82.6 63.2 103.2

95 31.9 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 33.658 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

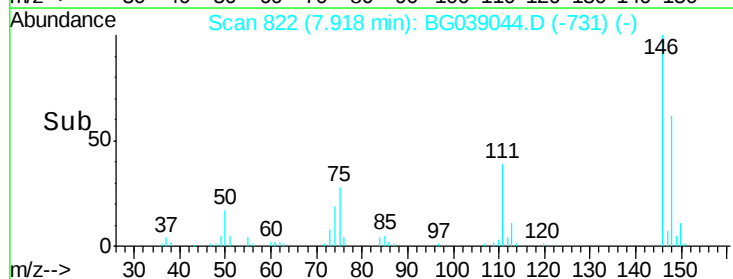
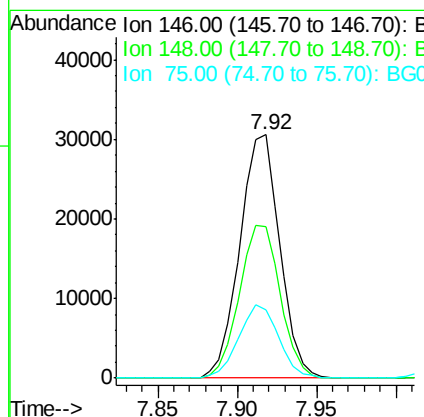
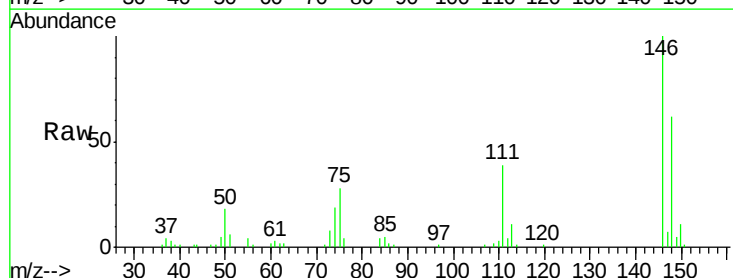
Tgt Ion: 146 Resp: 53488

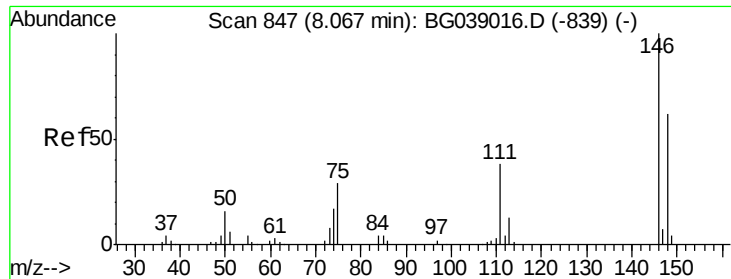
Ion Ratio Lower Upper

146 100

148 62.1 49.1 73.7

75 28.0 23.9 35.9

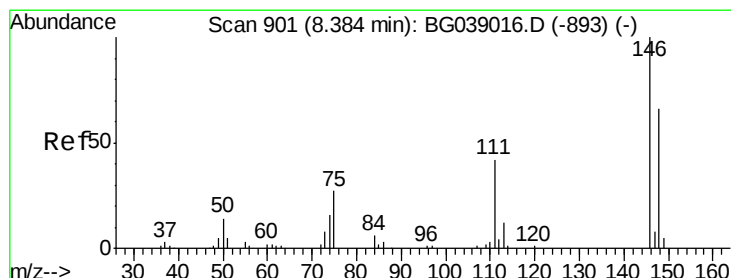
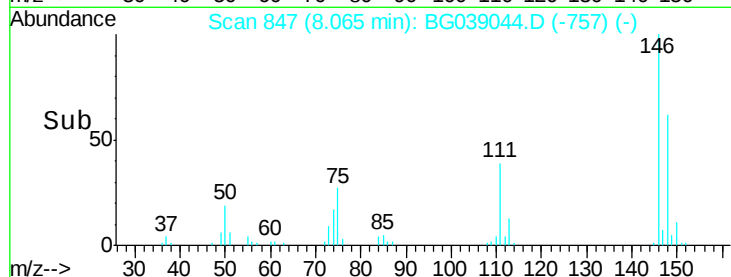
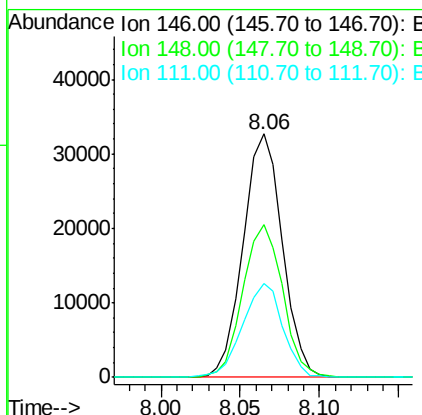
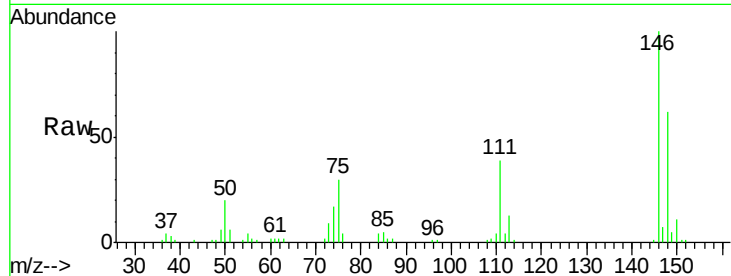




#13
 1,4-Dichlorobenzene
 Concen: 34.868 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

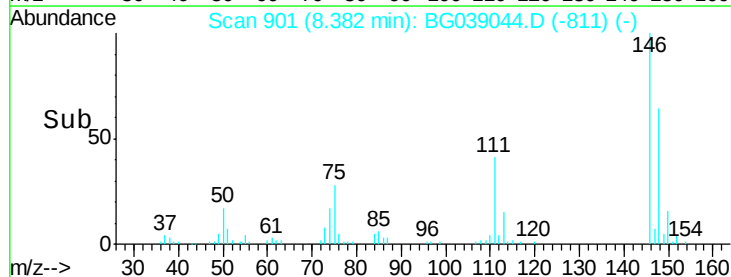
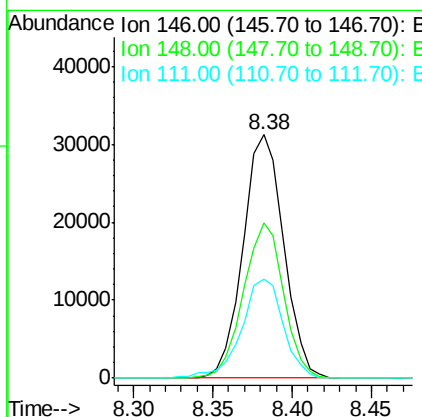
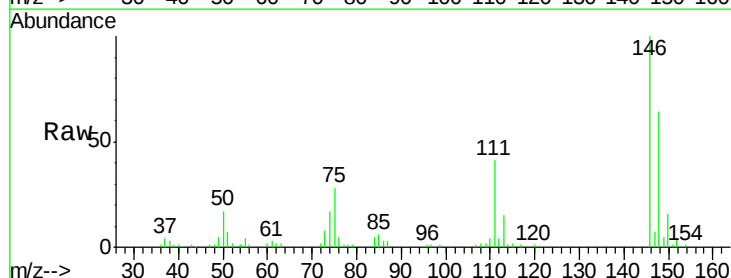
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tgt Ion:146 Resp: 56119
 Ion Ratio Lower Upper
 146 100
 148 62.5 49.8 74.6
 111 38.7 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 36.213 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:146 Resp: 55572
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.6 79.0
 111 40.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 48.415 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

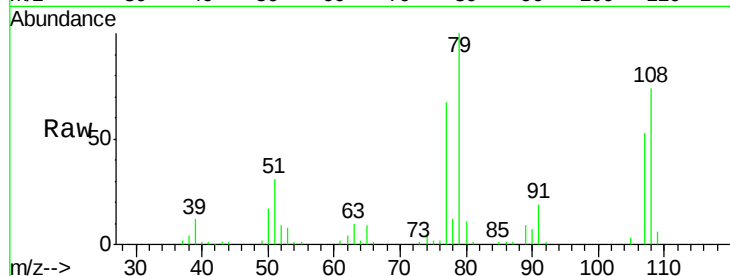
Tgt Ion: 79 Resp: 59041

Ion Ratio Lower Upper

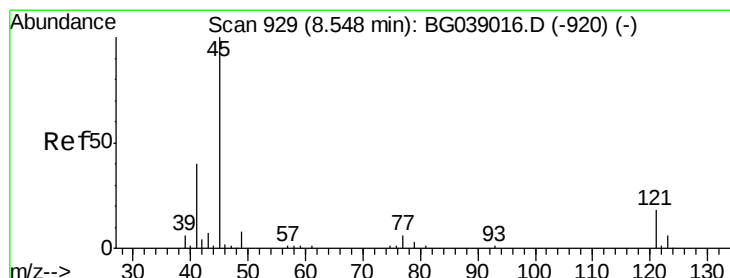
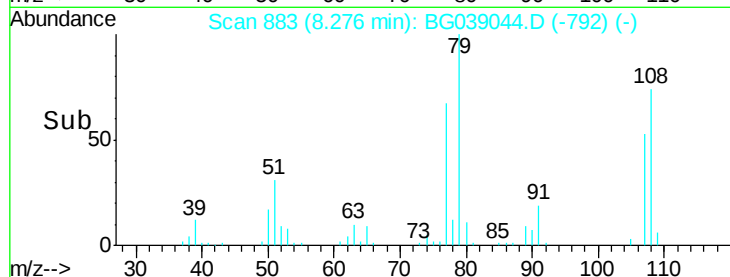
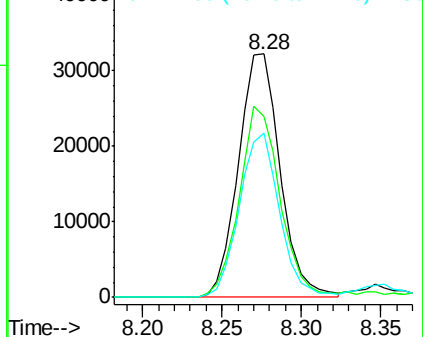
79 100

108 74.5 62.0 93.0

77 67.3 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.908 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

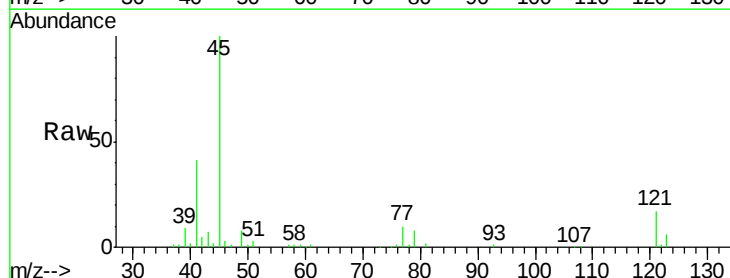
Tgt Ion: 45 Resp: 99711

Ion Ratio Lower Upper

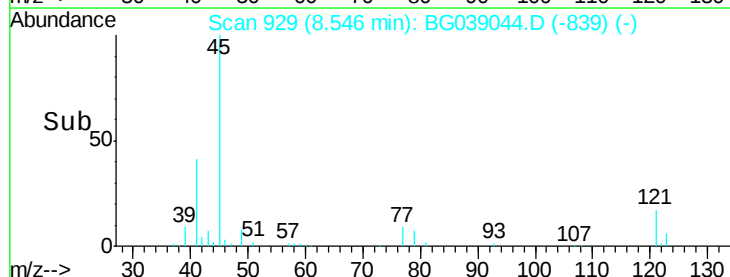
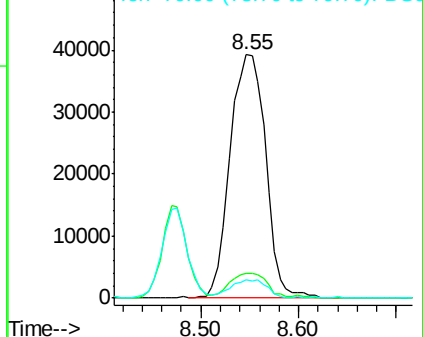
45 100

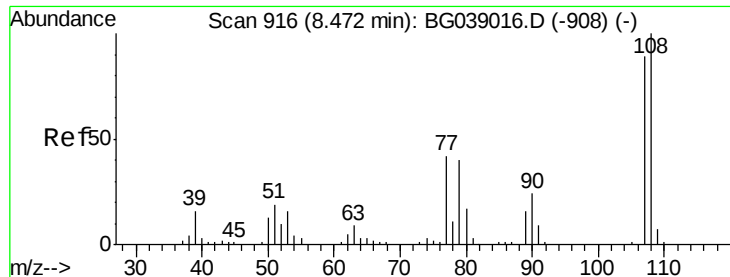
77 10.2 0.0 30.7

79 7.5 0.0 28.5



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

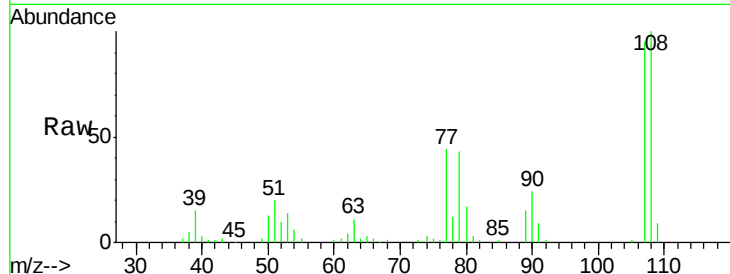




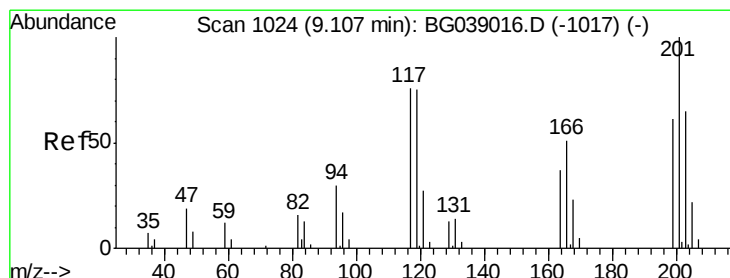
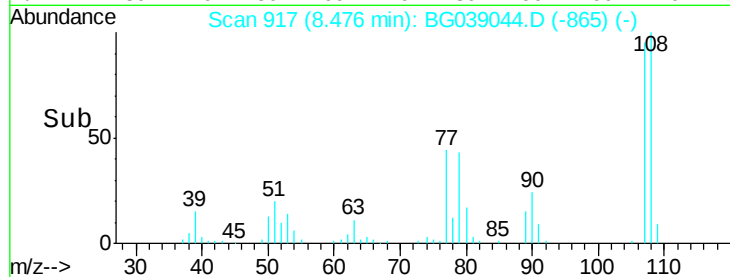
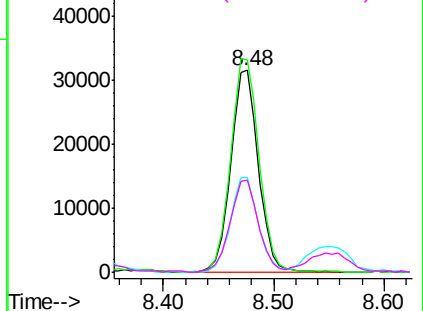
#17
2-Methylphenol
Concen: 49.154 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion:107 Resp: 55412
Ion Ratio Lower Upper
107 100
108 105.3 90.3 135.5
77 46.8 38.3 57.5
79 45.6 35.8 53.6

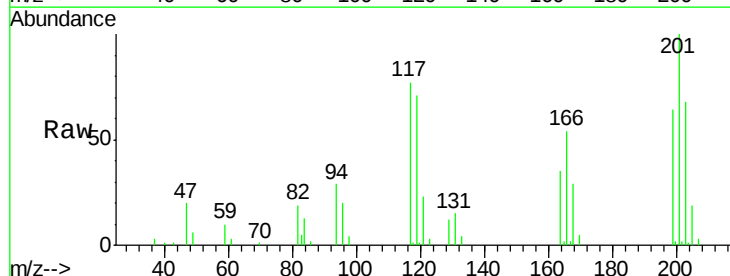


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

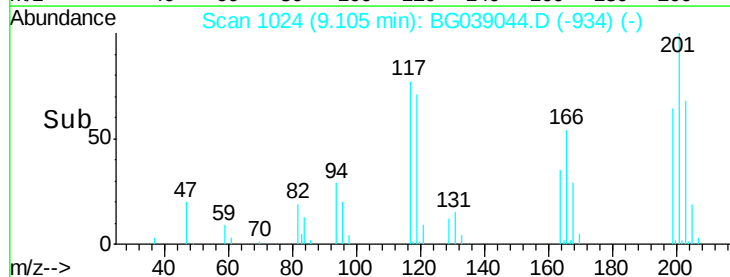
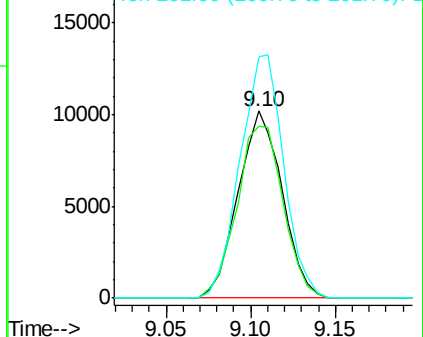


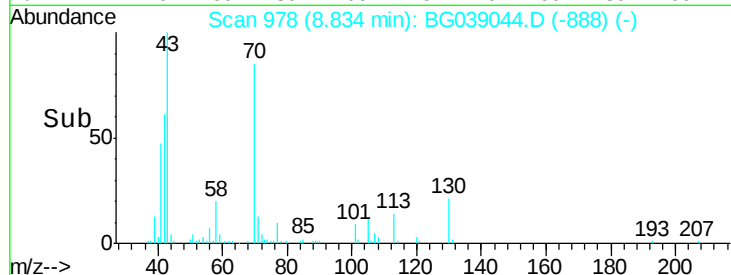
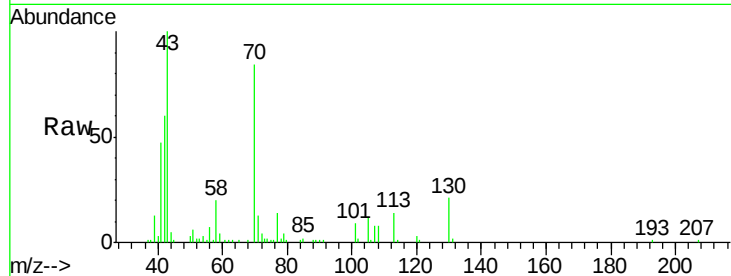
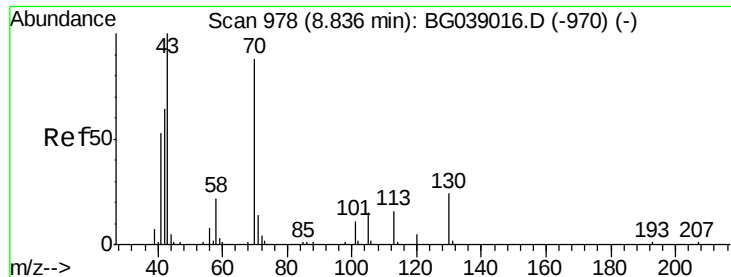
#18
Hexachloroethane
Concen: 33.761 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:117 Resp: 18460
Ion Ratio Lower Upper
117 100
119 91.7 78.7 118.1
201 132.3 108.1 162.1



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

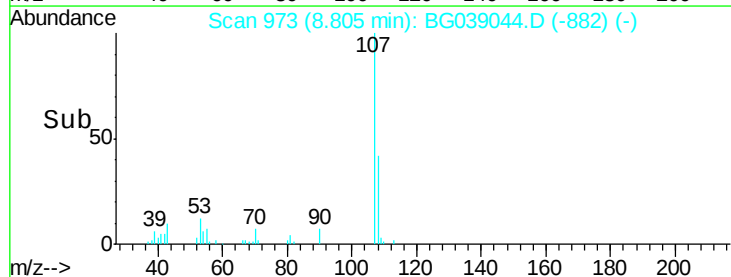
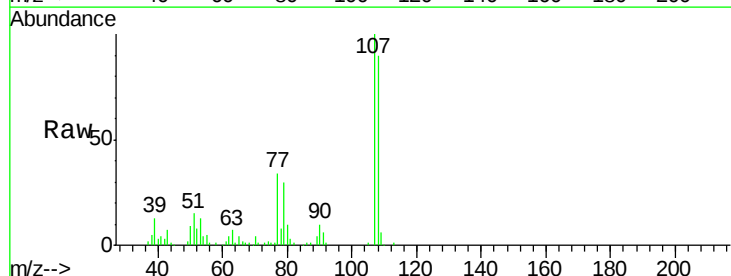
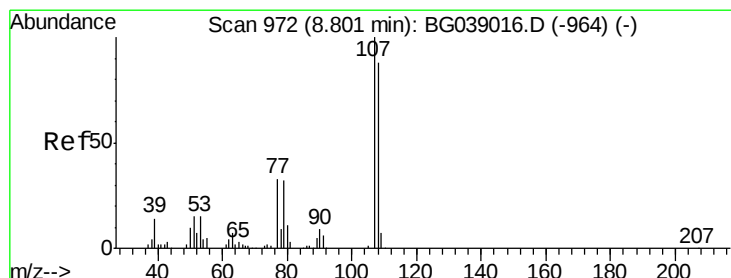
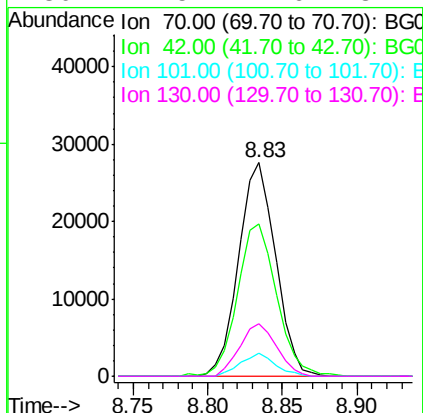




#19
n-Nitroso-di-n-propylamine
Concen: 44.527 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

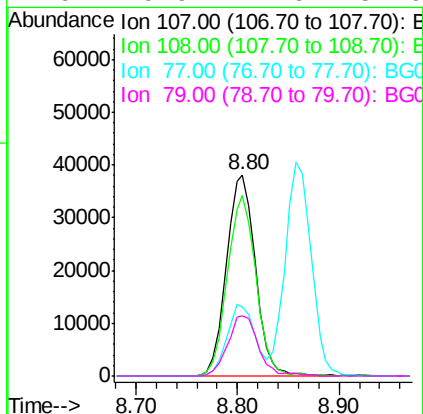
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

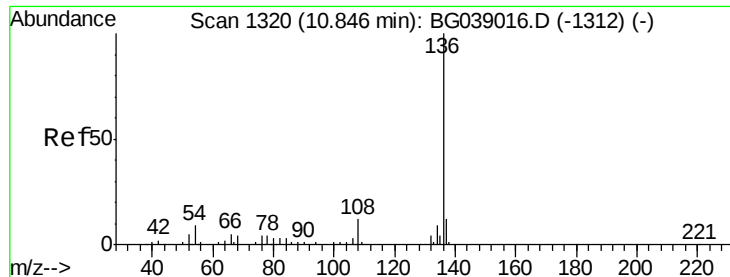
Tgt Ion:	70	Resp:	47349
Ion	Ratio	Lower	Upper
70	100		
42	71.3	59.0	88.4
101	11.0	10.4	15.6
130	24.5	21.6	32.4



#20
3+4-Methylphenols
Concen: 47.081 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:	107	Resp:	75671
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.4	108.4
77	34.2	13.3	53.3
79	29.9	11.6	51.6

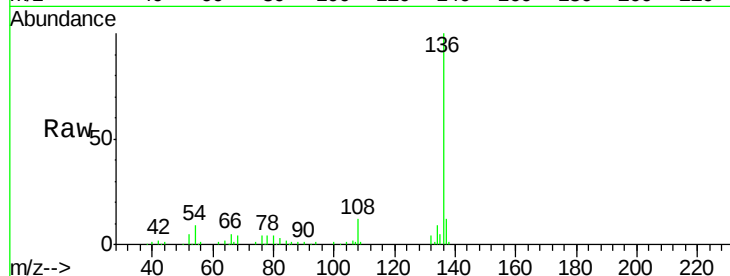




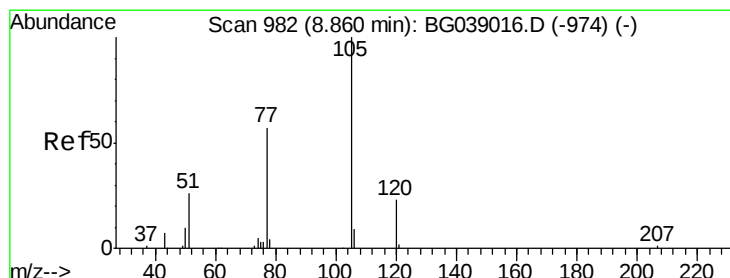
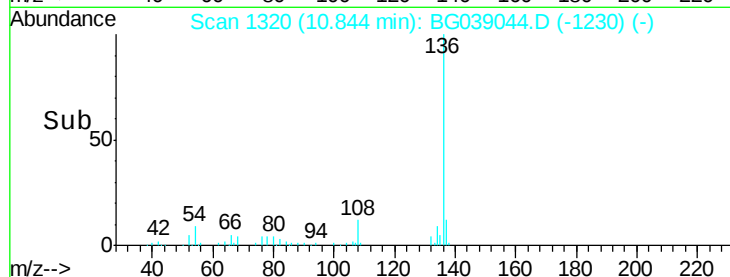
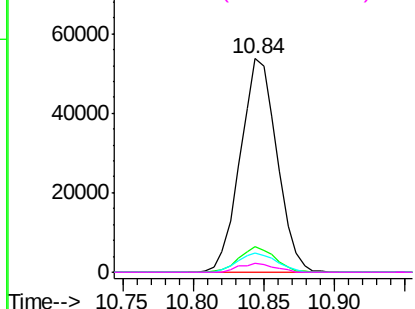
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion:	136	Resp:	97512
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	9.0	7.2	10.8
68	4.0	3.5	5.3

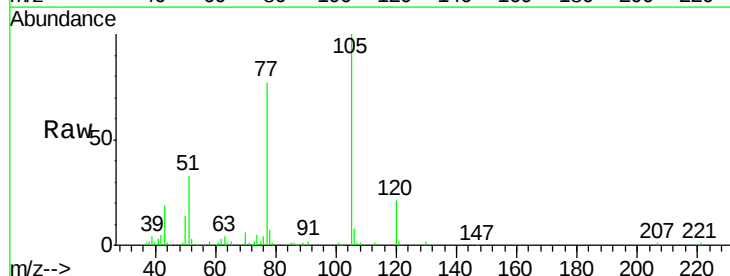


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

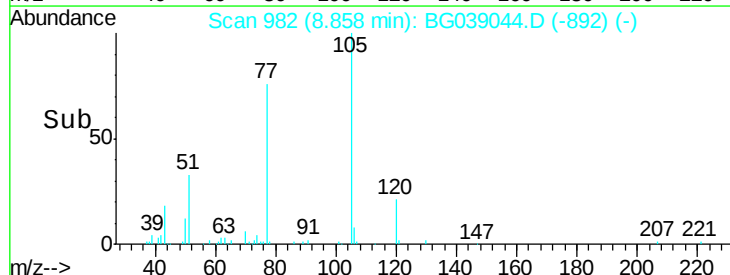
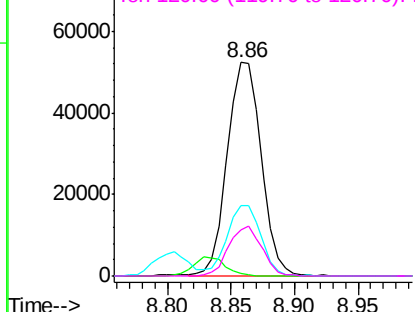


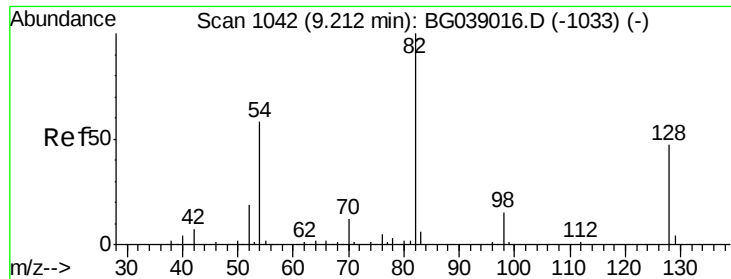
#22
Acetophenone
Concen: 38.062 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:	105	Resp:	96925
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.6	1.0#
51	33.0	26.6	39.8
120	21.4	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

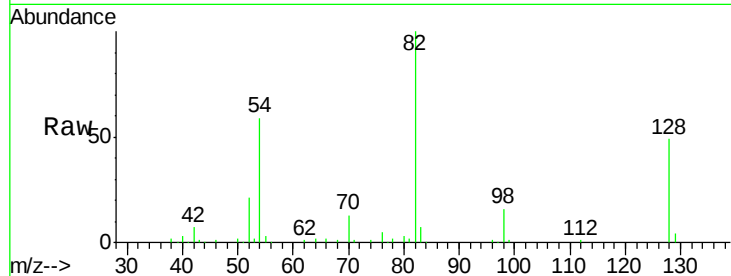




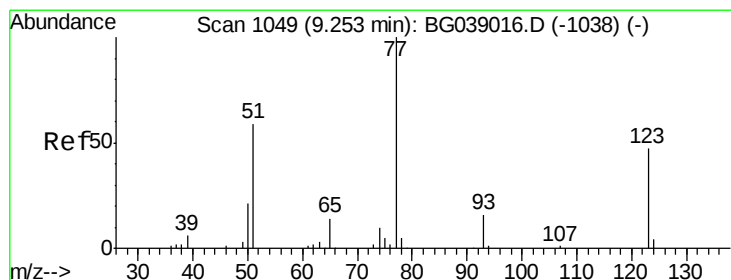
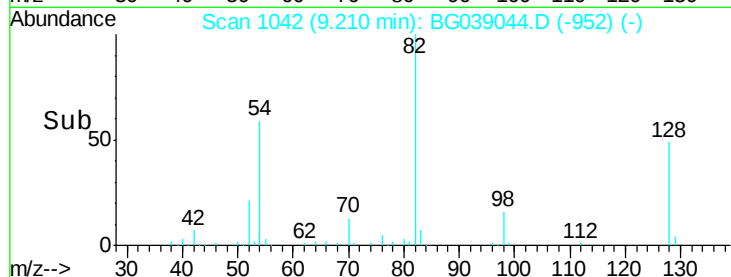
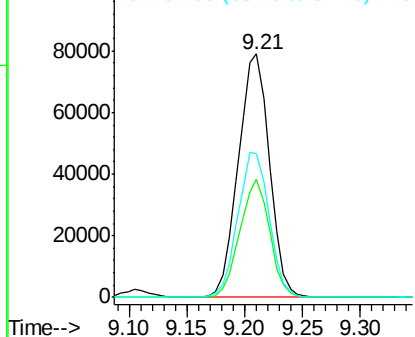
#23
 Nitrobenzene-d5
 Concen: 83.073 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tgt Ion: 82 Resp: 148039
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.3 55.9
 54 59.3 46.4 69.6

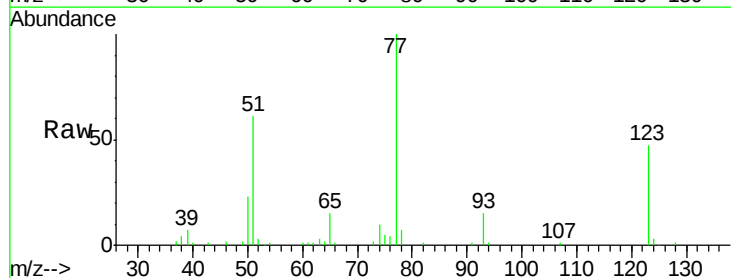


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

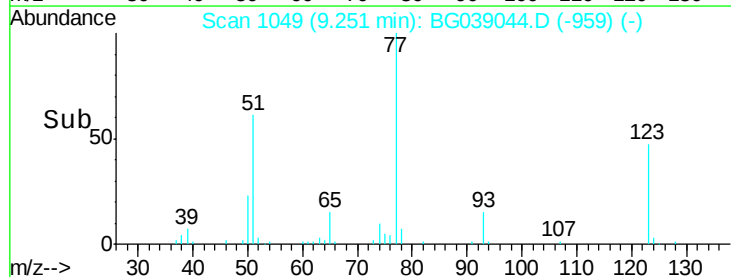
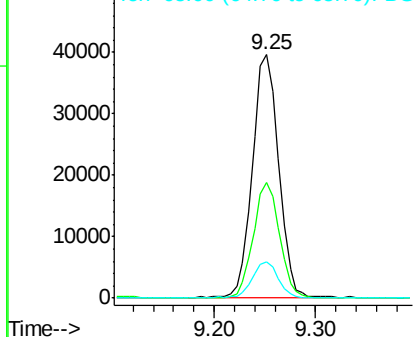


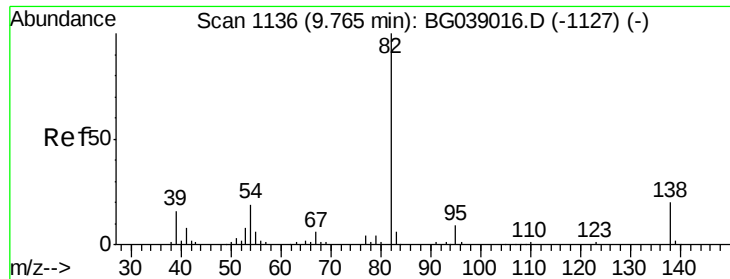
#24
 Nitrobenzene
 Concen: 39.701 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion: 77 Resp: 71510
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.6 56.4
 65 15.0 11.0 16.6



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





#25

Isophorone

Concen: 46.575 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

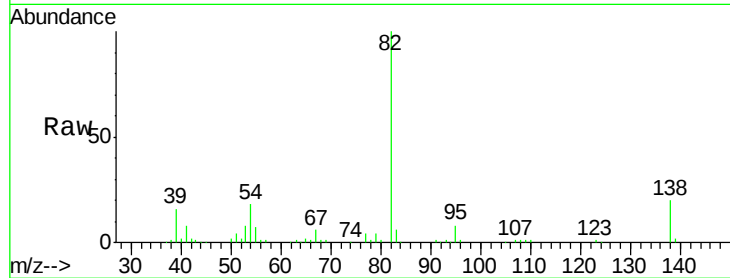
Tgt Ion: 82 Resp: 142968

Ion Ratio Lower Upper

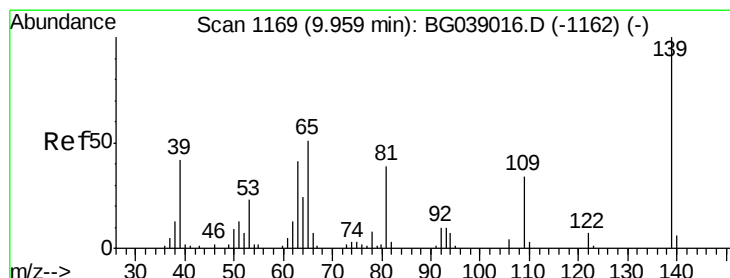
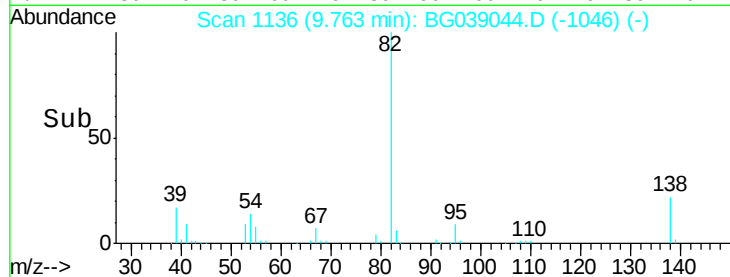
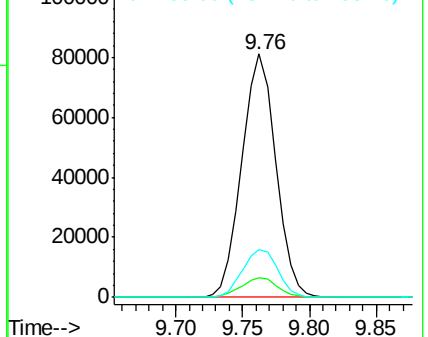
82 100

95 8.0 7.0 10.6

138 19.5 16.2 24.4



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



#26

2-Nitrophenol

Concen: 39.951 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

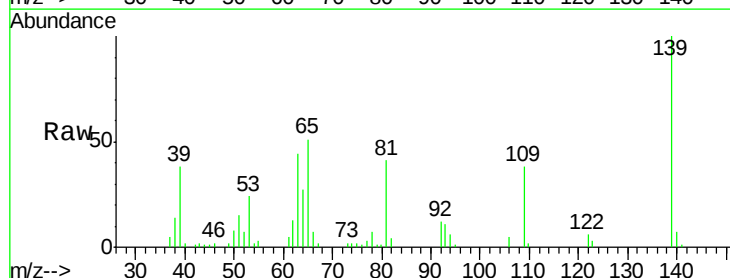
Tgt Ion: 139 Resp: 38923

Ion Ratio Lower Upper

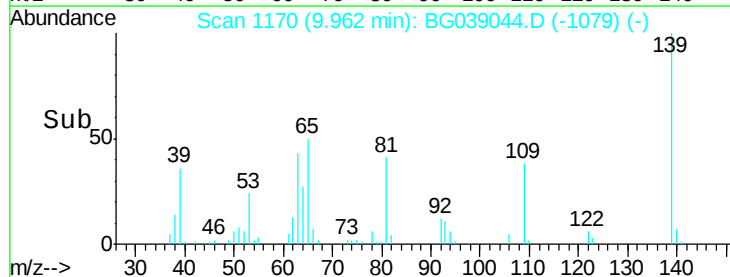
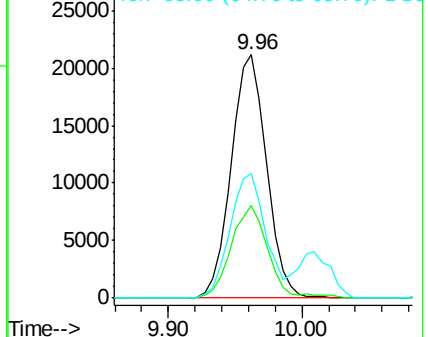
139 100

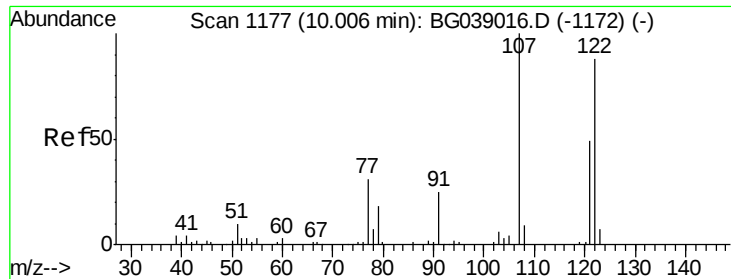
109 38.0 27.3 40.9

65 51.2 40.6 61.0



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

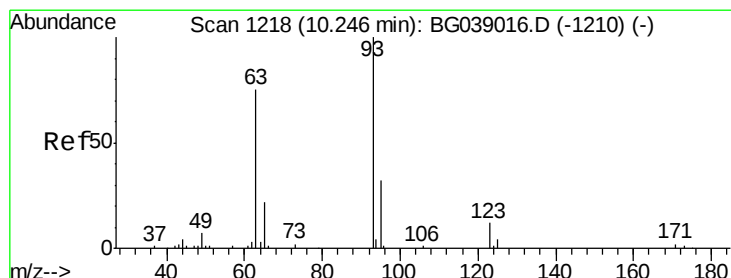
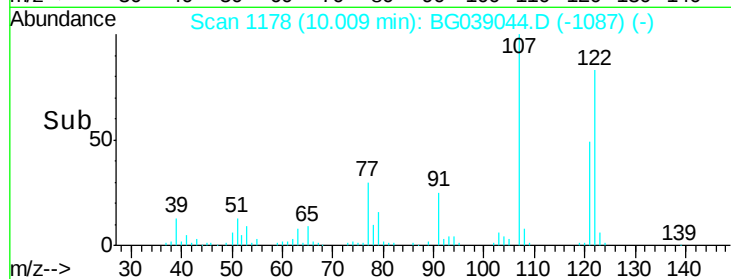
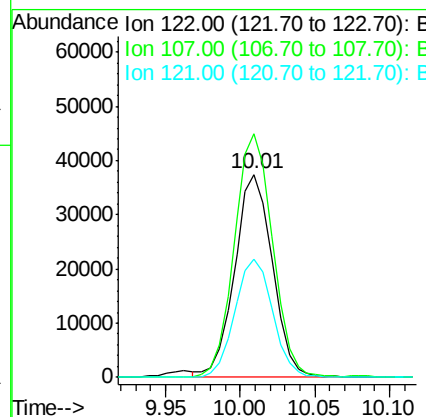
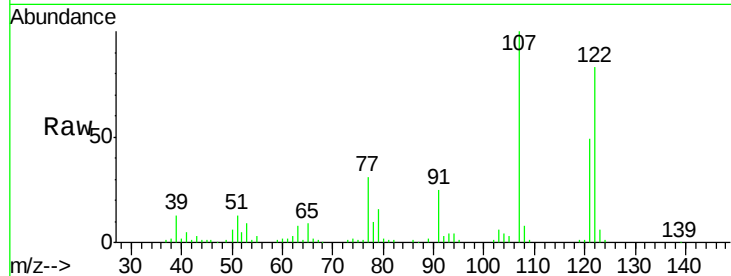




#27
2,4-Dimethylphenol
Concen: 48.153 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

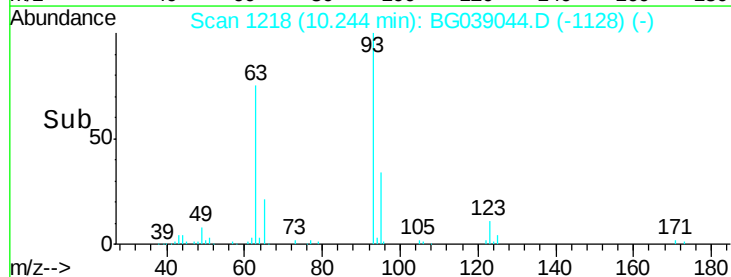
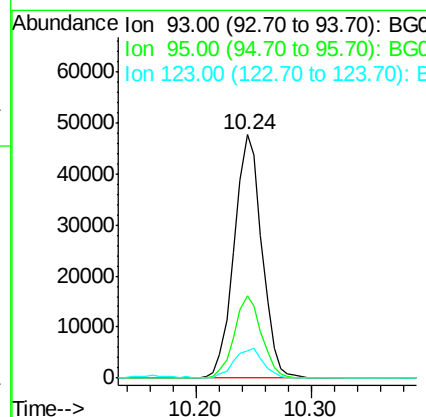
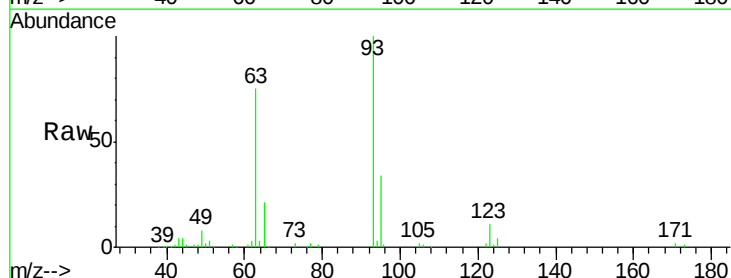
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

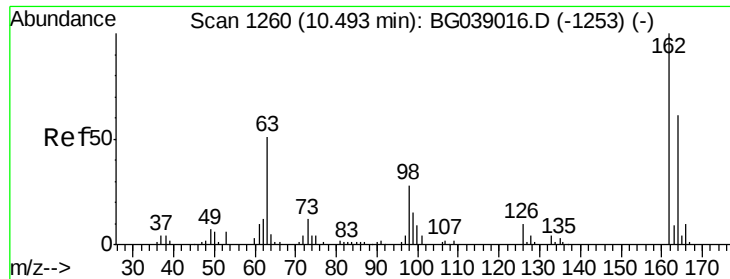
Tgt Ion: 122 Resp: 66003
Ion Ratio Lower Upper
122 100
107 119.8 88.8 133.2
121 58.2 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.971 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion: 93 Resp: 79276
Ion Ratio Lower Upper
93 100
95 33.7 25.6 38.4
123 11.3 10.1 15.1

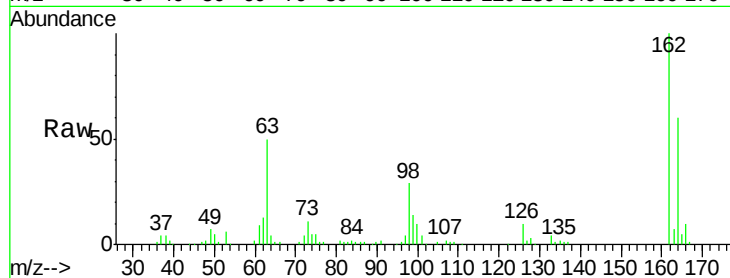




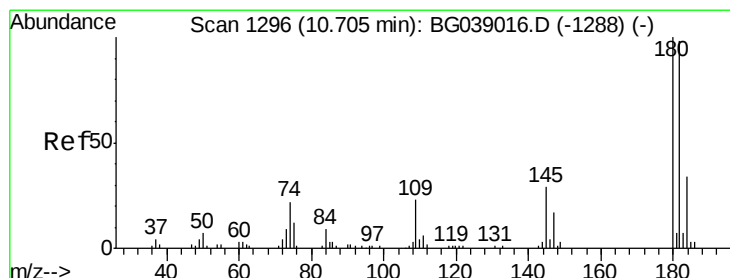
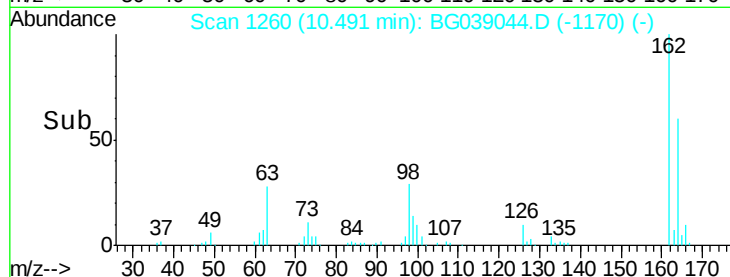
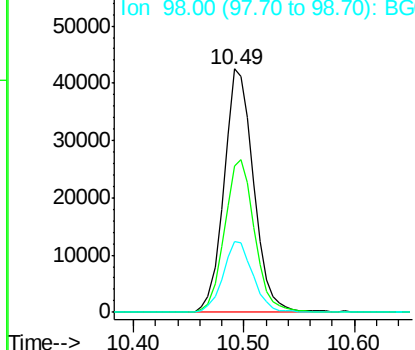
#29
 2,4-Dichlorophenol
 Concen: 46.816 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tgt Ion:162 Resp: 79719
 Ion Ratio Lower Upper
 162 100
 164 60.4 41.3 81.3
 98 29.0 8.3 48.3

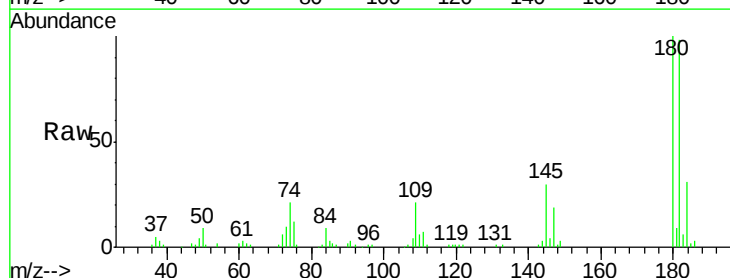


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

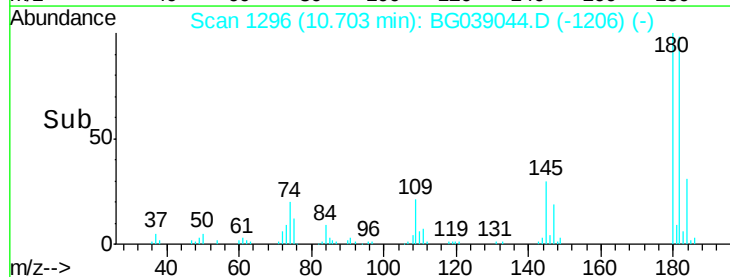
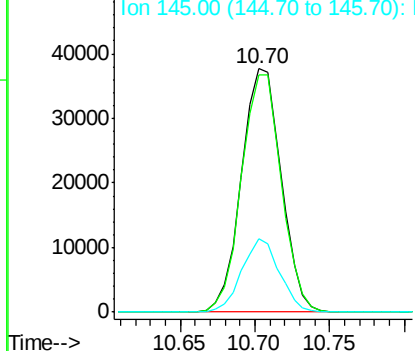


#30
 1,2,4-Trichlorobenzene
 Concen: 33.879 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:180 Resp: 69316
 Ion Ratio Lower Upper
 180 100
 182 97.6 78.1 117.1
 145 30.0 23.1 34.7



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

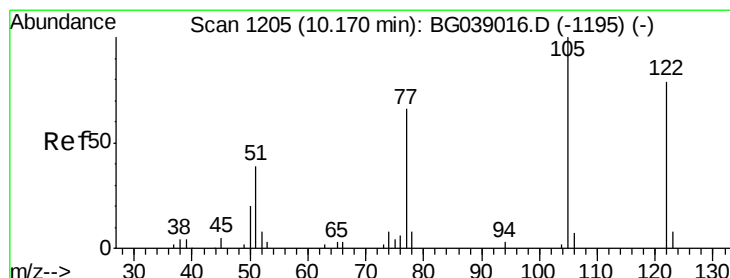
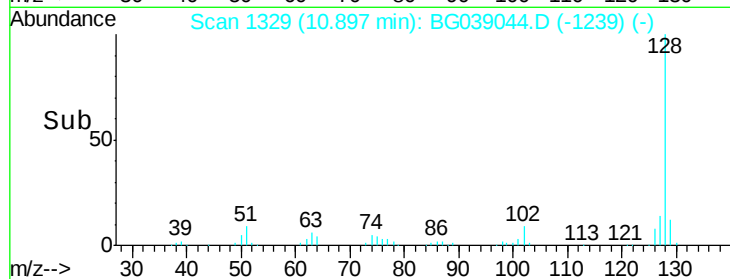
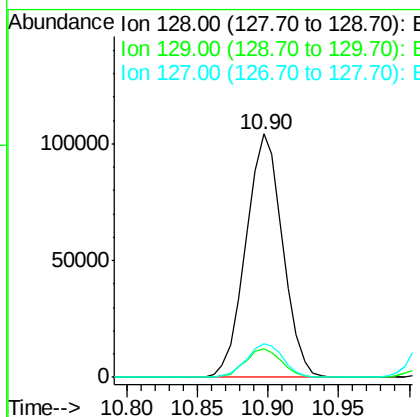
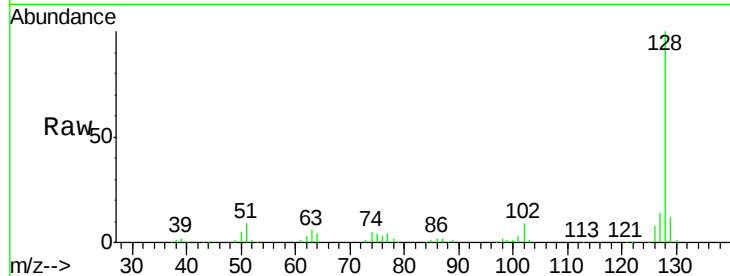




#31
Naphthalene
Concen: 38.782 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

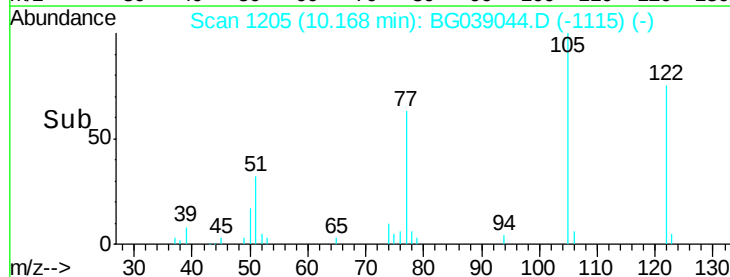
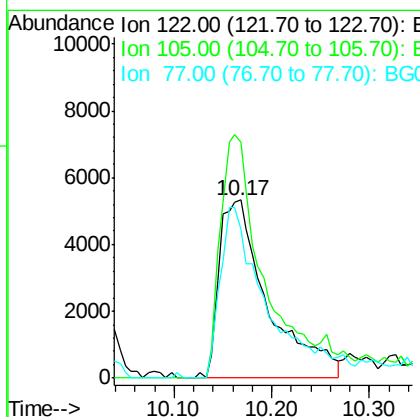
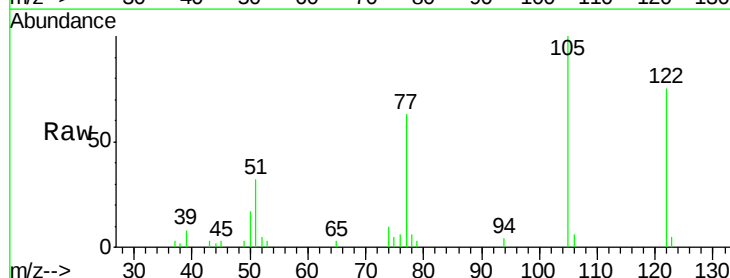
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

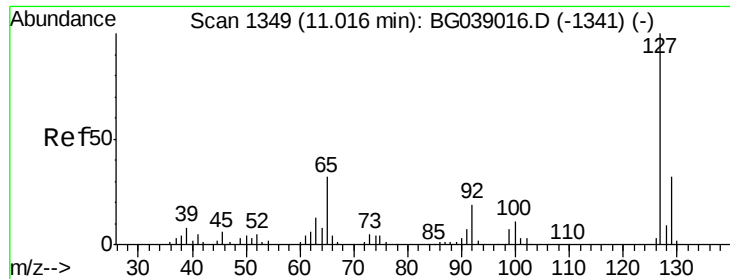
Tgt Ion:128 Resp: 189671
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.9 11.2 16.8



#32
Benzoic acid
Concen: 27.020 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:122 Resp: 18444
Ion Ratio Lower Upper
122 100
105 132.6 106.4 146.4
77 83.5 63.6 103.6

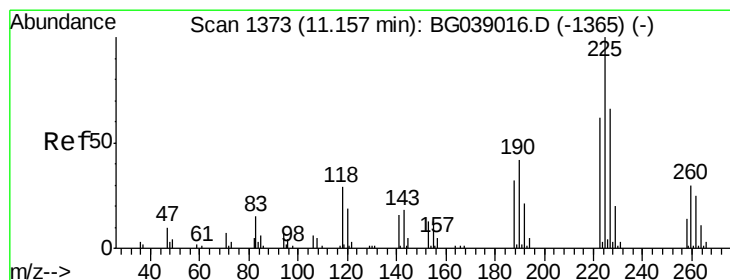
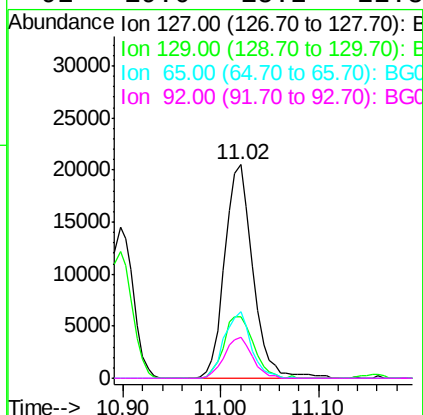
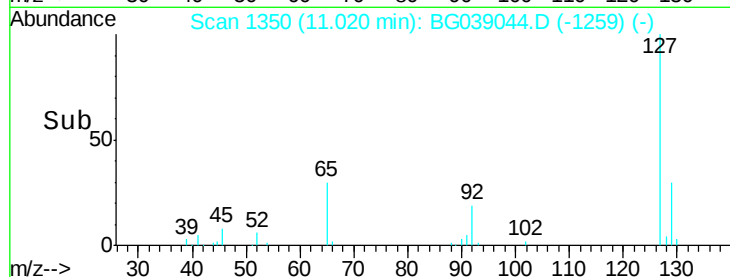
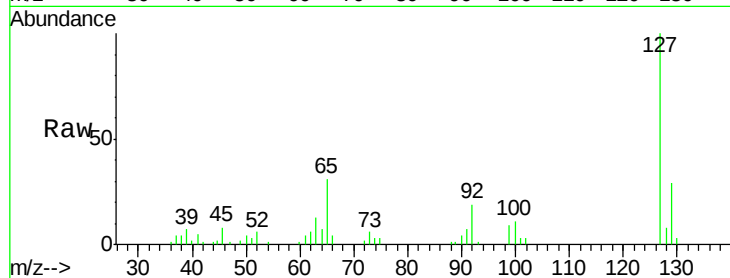




#33
4-Chloroaniline
Concen: 18.796 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

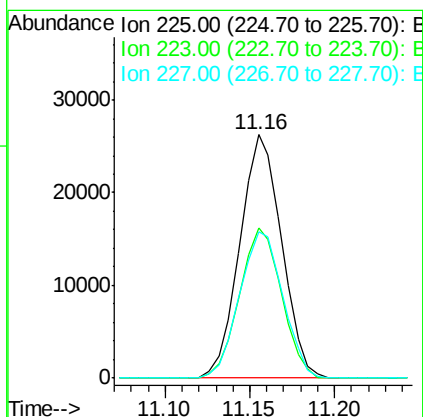
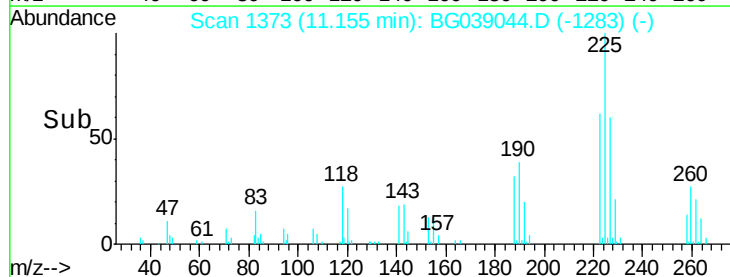
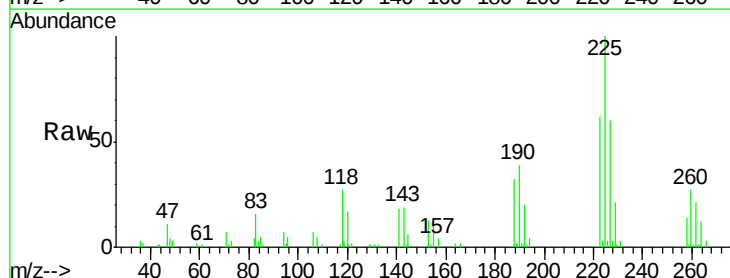
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

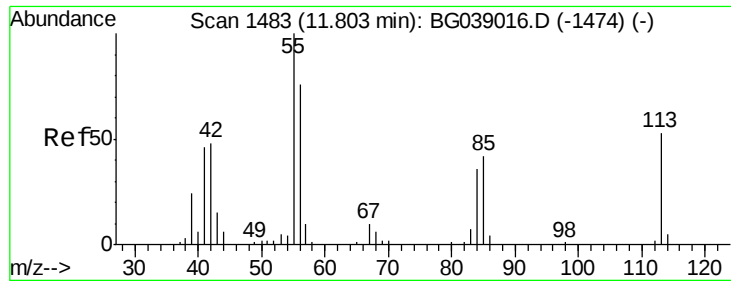
Tgt Ion:	127	Resp:	41133
Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.4	38.0
65	31.3	25.4	38.0
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 32.022 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:	225	Resp:	45081
Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.2	75.4
227	61.0	53.2	79.8





#35

Caprolactam

Concen: 13.686 ng

RT: 11.85 min Scan# 1492

Delta R.T. 0.05 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

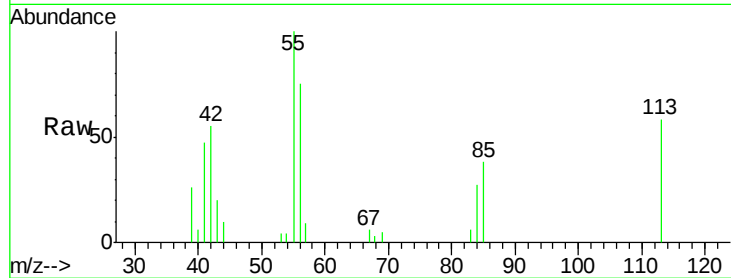
Tgt Ion:113 Resp: 9345

Ion Ratio Lower Upper

113 100

55 173.5 168.6 208.6

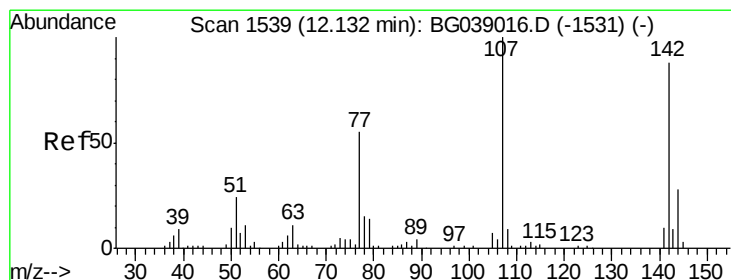
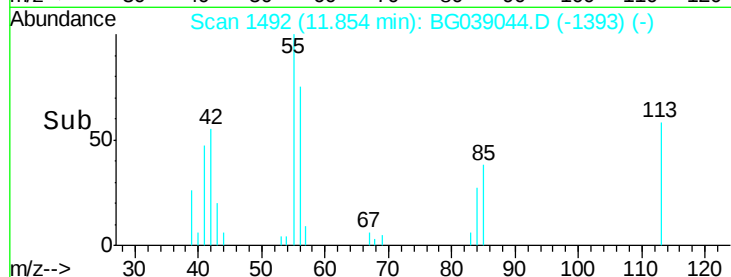
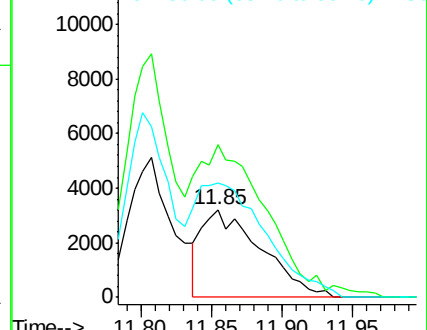
56 130.4 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.056 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

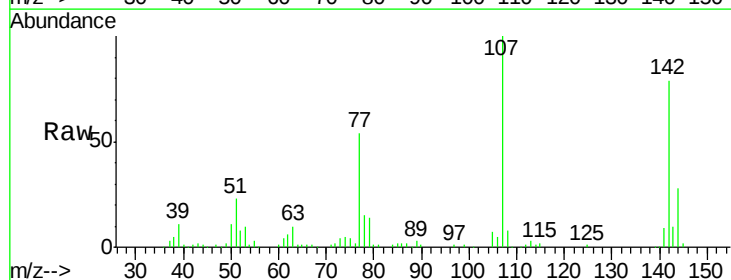
Tgt Ion:107 Resp: 83881

Ion Ratio Lower Upper

107 100

144 27.5 22.6 34.0

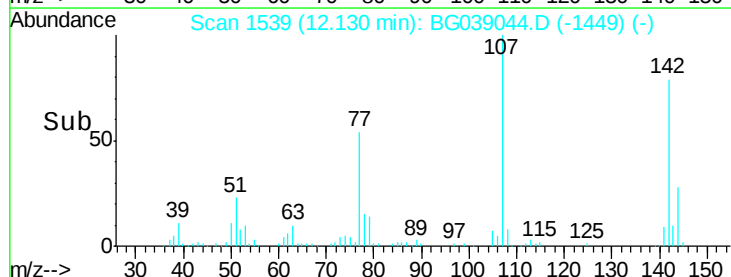
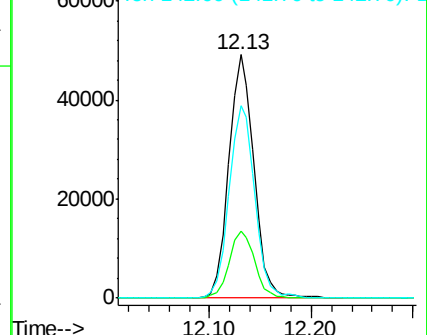
142 79.0 70.2 105.4

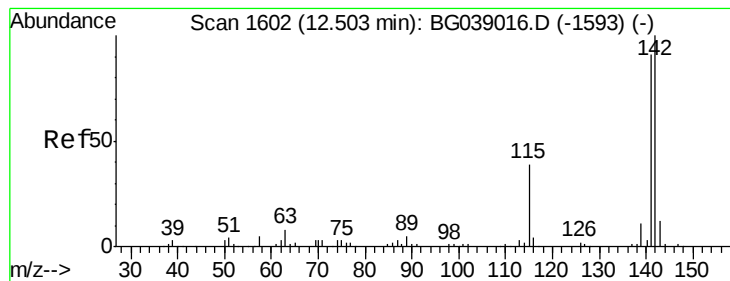


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.412 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

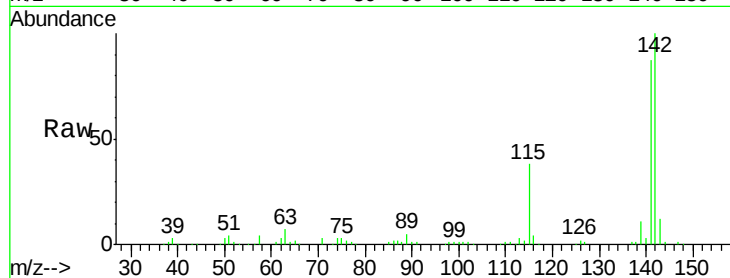
Tgt Ion:142 Resp: 162848

Ion Ratio Lower Upper

142 100

141 87.5 72.6 109.0

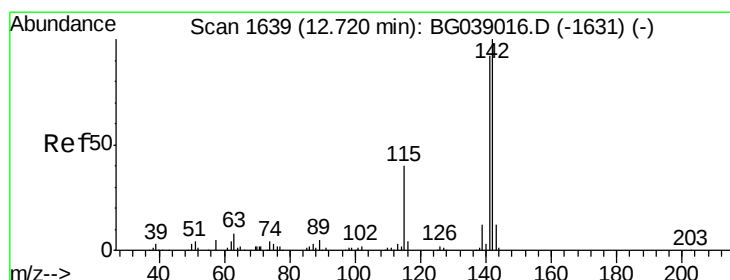
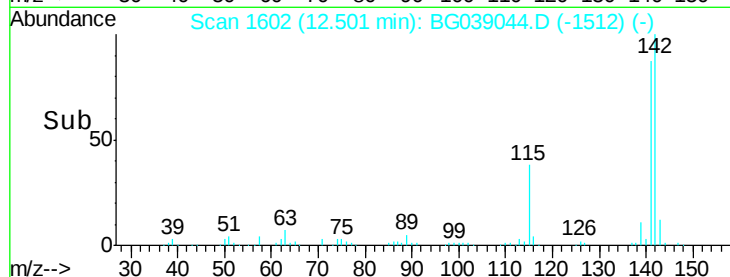
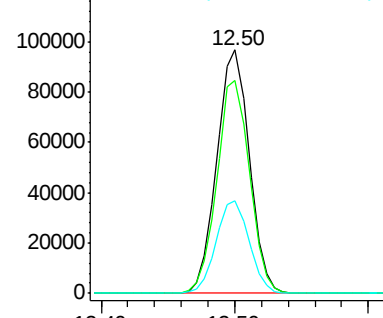
115 37.9 31.1 46.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.982 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

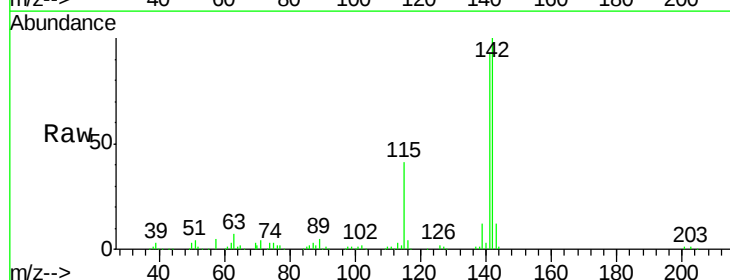
Tgt Ion:142 Resp: 154793

Ion Ratio Lower Upper

142 100

141 93.1 73.3 109.9

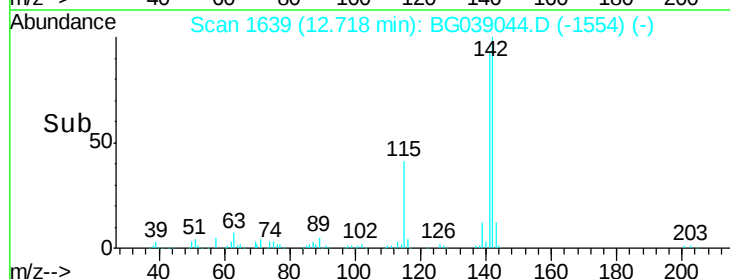
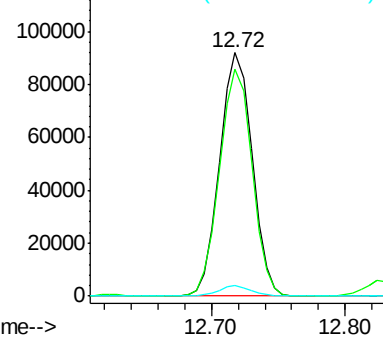
116 4.3 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

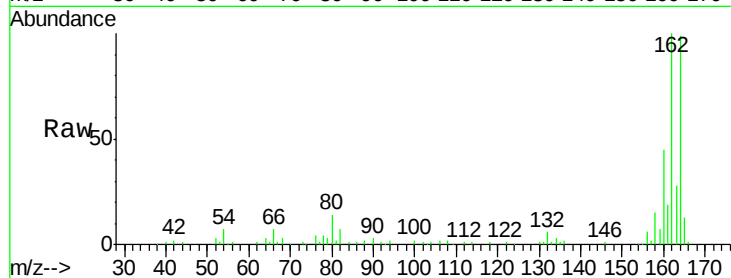
Tgt Ion:164 Resp: 77154

Ion Ratio Lower Upper

164 100

162 100.8 87.2 130.8

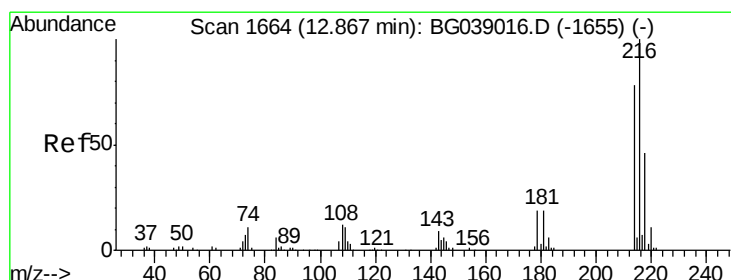
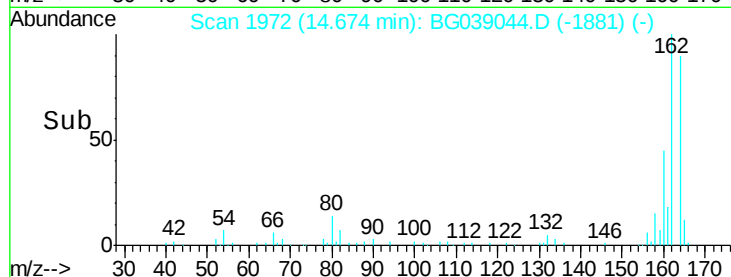
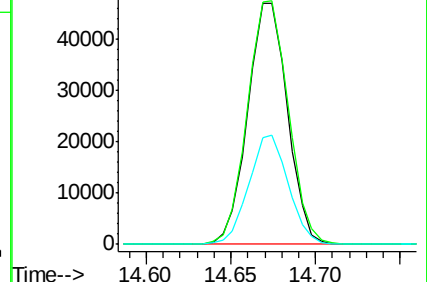
160 45.5 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.832 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:216 Resp: 103827

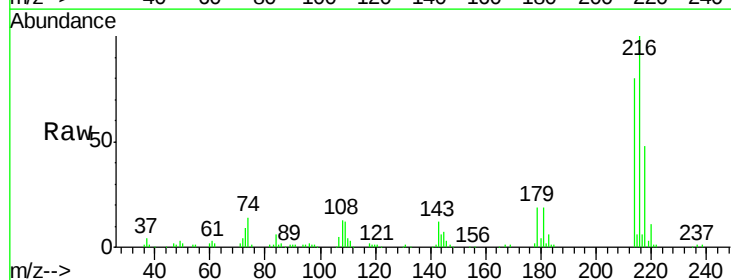
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.9 15.5 23.3

108 15.7 11.4 17.2

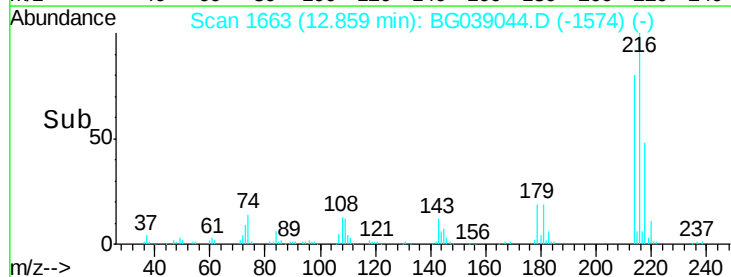
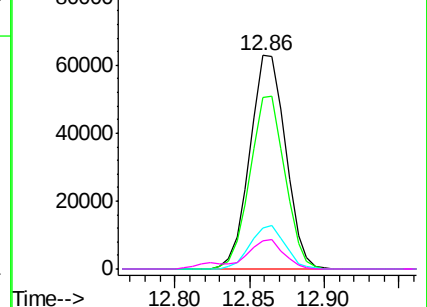


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.381 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

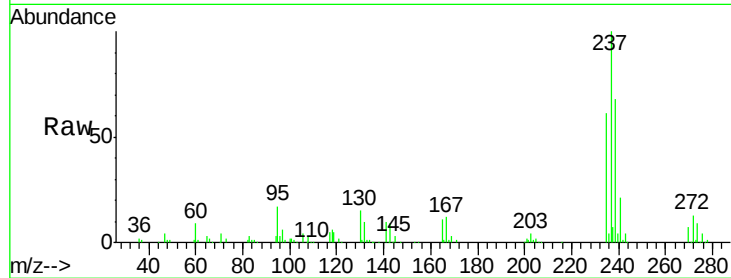
Tgt Ion: 237 Resp: 96065

Ion Ratio Lower Upper

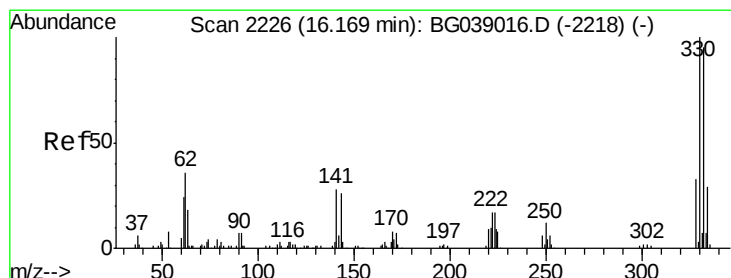
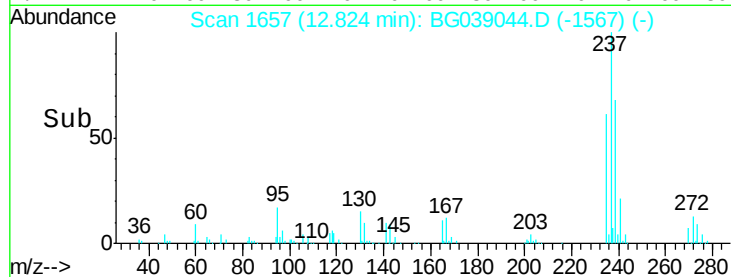
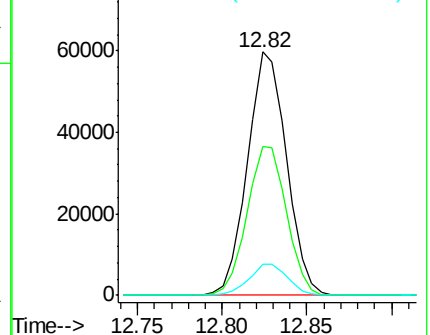
237 100

235 61.1 41.7 81.7

272 12.8 0.0 32.1



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



#42

2,4,6-Tribromophenol

Concen: 138.477 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

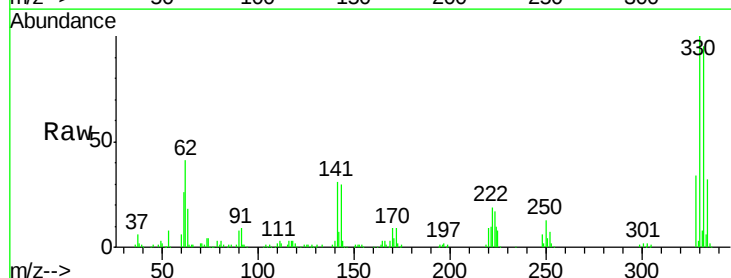
Tgt Ion: 330 Resp: 179094

Ion Ratio Lower Upper

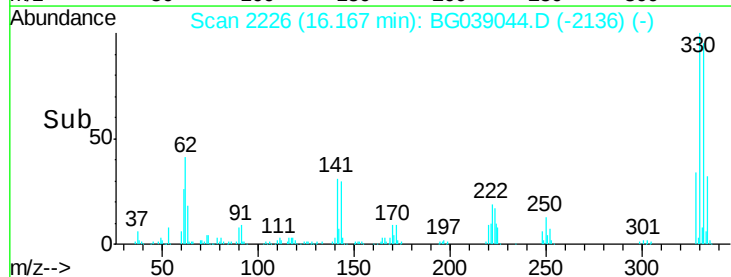
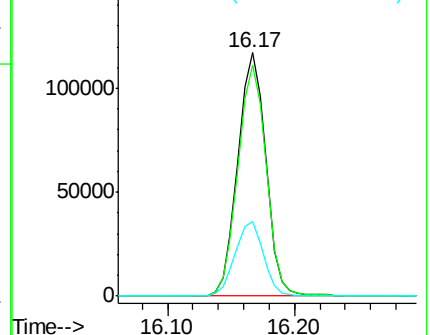
330 100

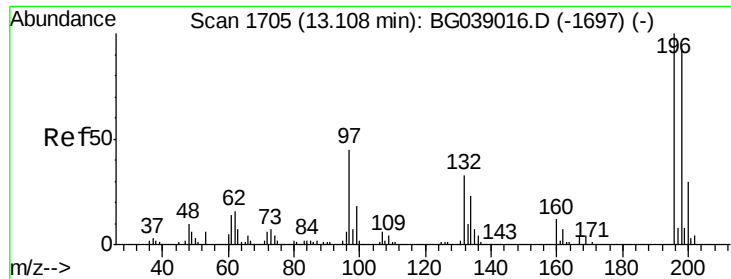
332 96.2 75.7 113.5

141 31.3 24.9 37.3



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

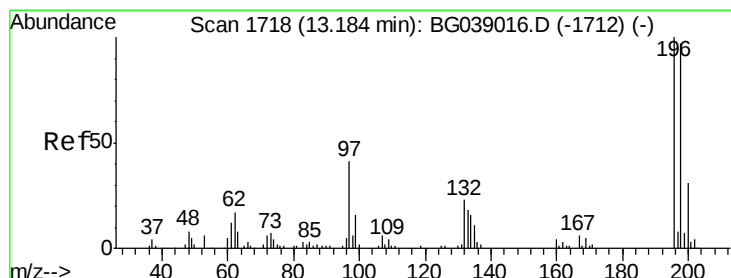
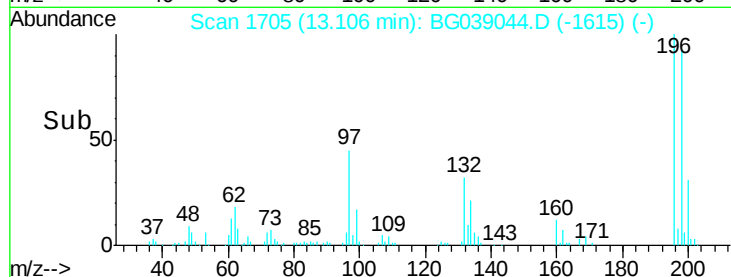
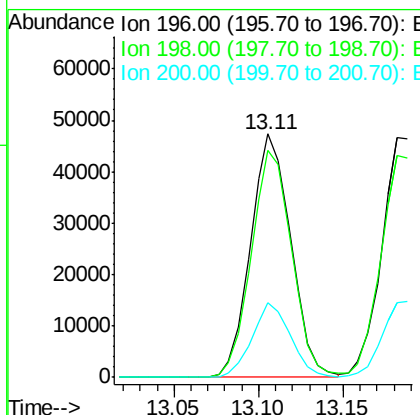
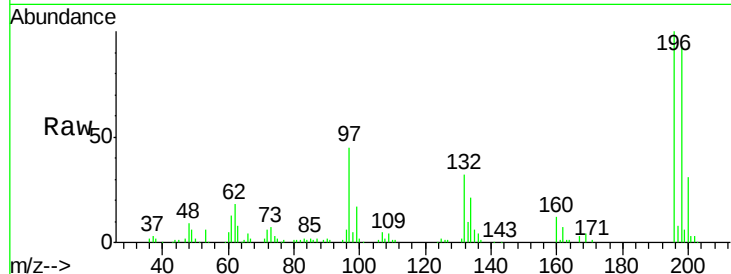




#43
 2,4,6-Trichlorophenol
 Concen: 42.954 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

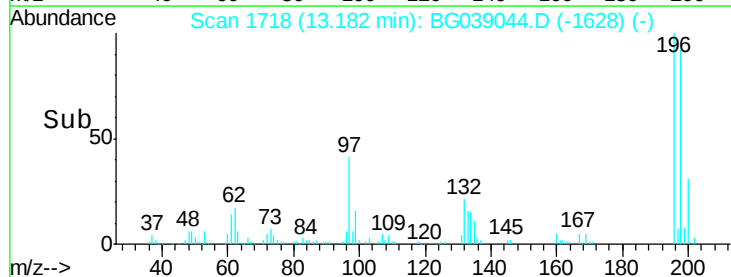
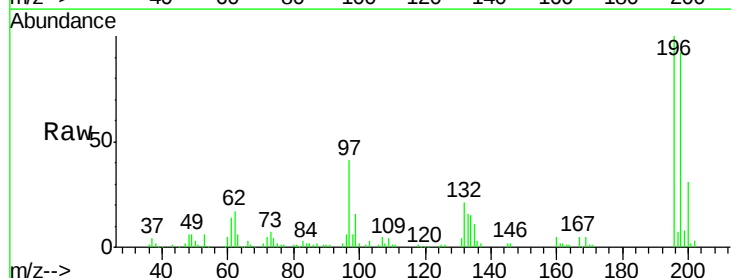
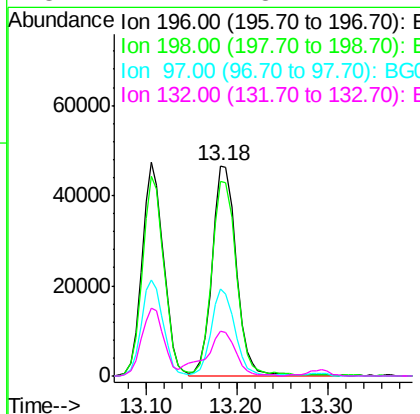
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

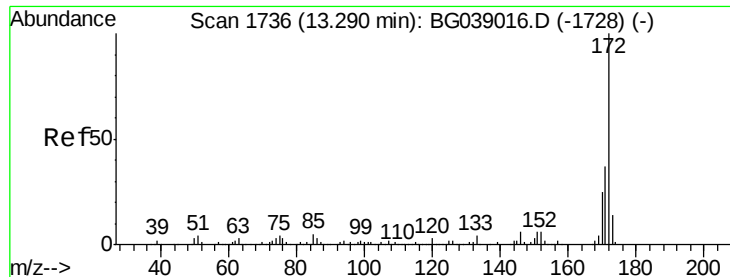
Tgt Ion:196 Resp: 78334
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.5 111.7
 200 30.5 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.905 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:196 Resp: 86552
 Ion Ratio Lower Upper
 196 100
 198 92.3 78.1 117.1
 97 41.2 33.2 49.8
 132 21.2 18.2 27.4

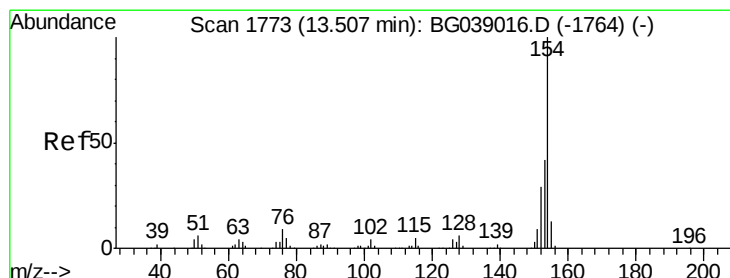
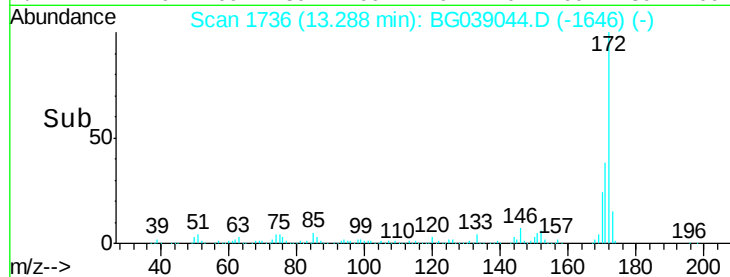
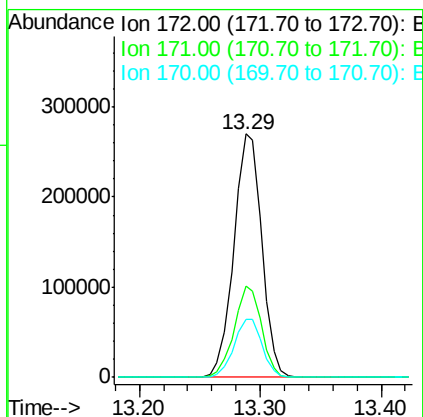
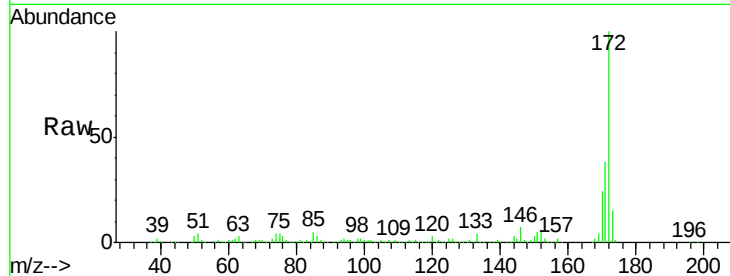




#45
2-Fluorobiphenyl
Concen: 76.896 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

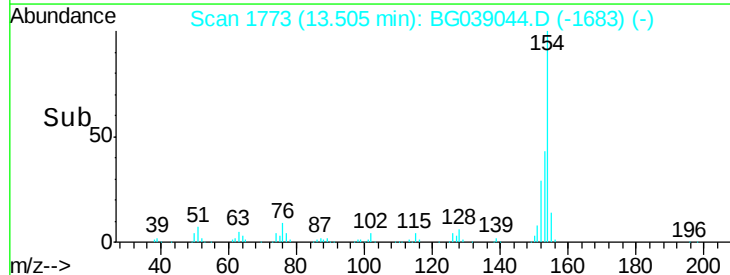
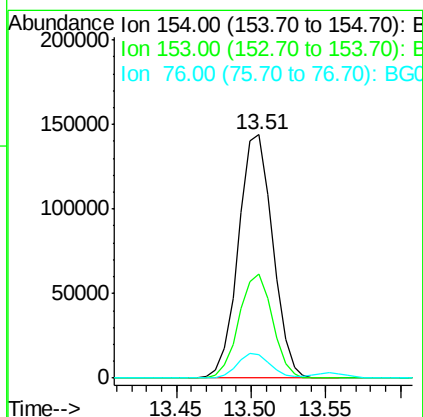
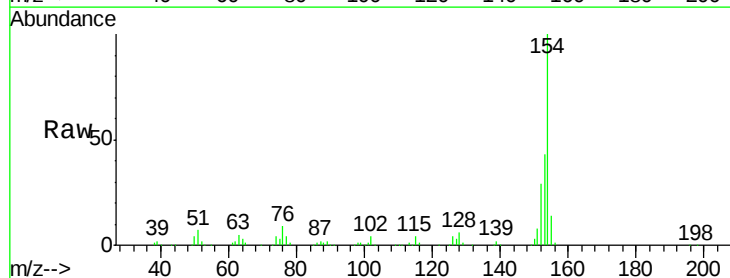
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion:172 Resp: 433507
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 24.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 37.602 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:154 Resp: 229880
Ion Ratio Lower Upper
154 100
153 42.6 22.4 62.4
76 9.4 0.0 29.4

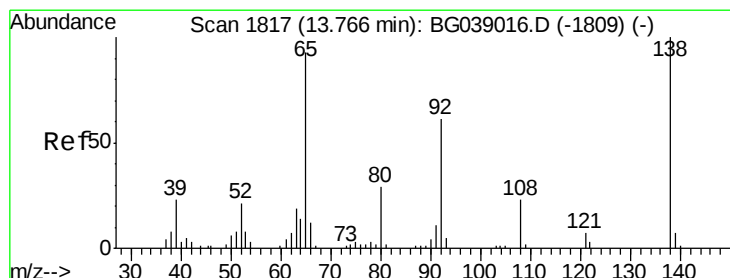
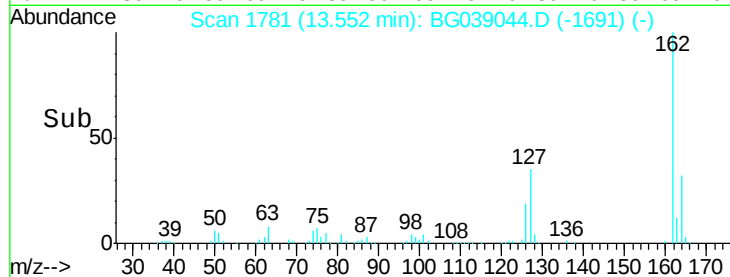
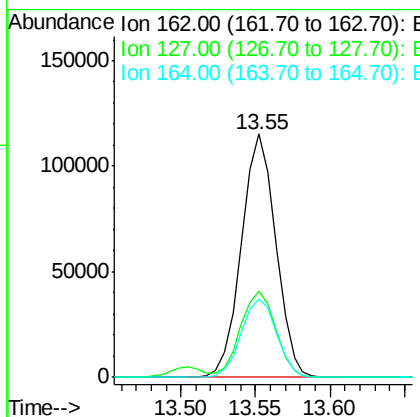
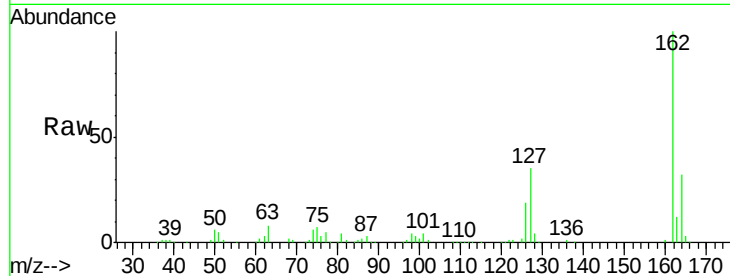




#47
 2-Chloronaphthalene
 Concen: 37.172 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

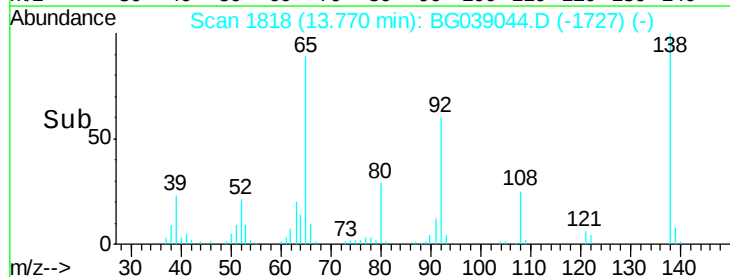
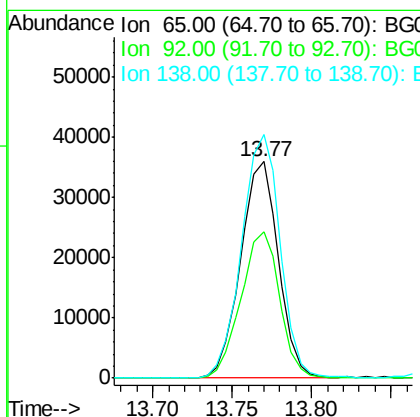
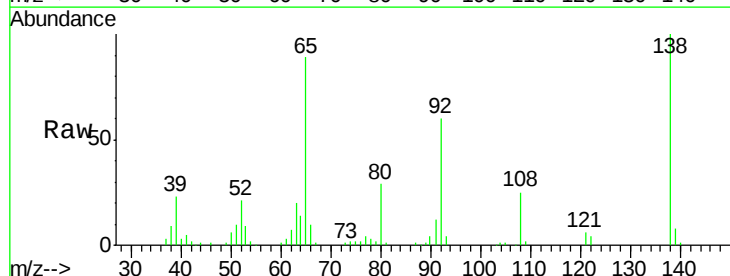
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

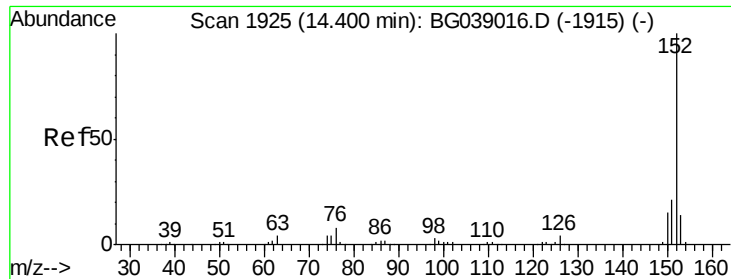
Tgt Ion: 162 Resp: 183900
 Ion Ratio Lower Upper
 162 100
 127 35.4 28.4 42.6
 164 32.4 26.3 39.5



#48
 2-Nitroaniline
 Concen: 43.019 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion: 65 Resp: 59623
 Ion Ratio Lower Upper
 65 100
 92 67.6 52.2 78.4
 138 112.6 86.0 129.0





#49

Acenaphthylene

Concen: 42.541 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

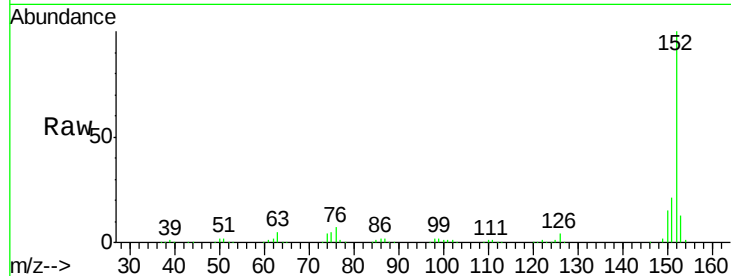
Tgt Ion:152 Resp: 316336

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

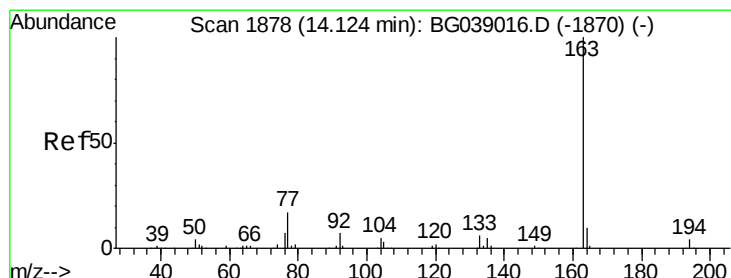
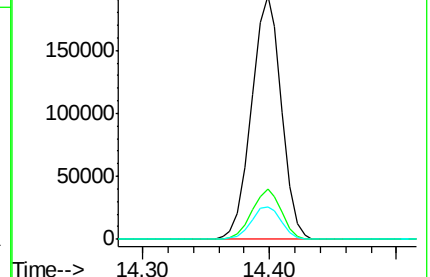
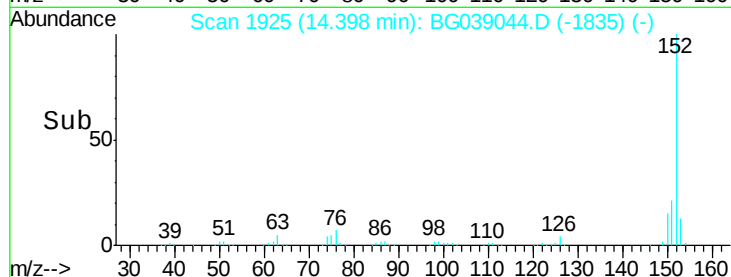
153 13.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.758 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

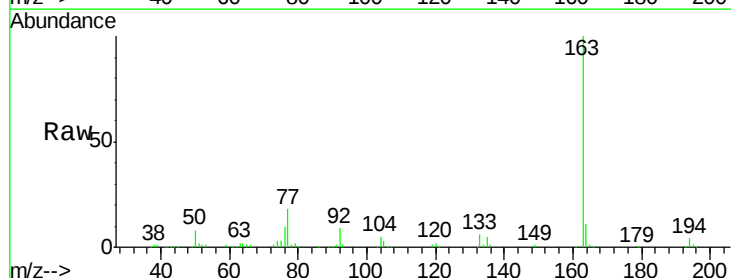
Tgt Ion:163 Resp: 278773

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

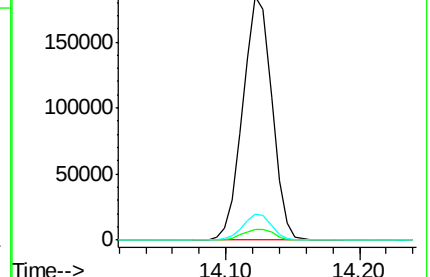
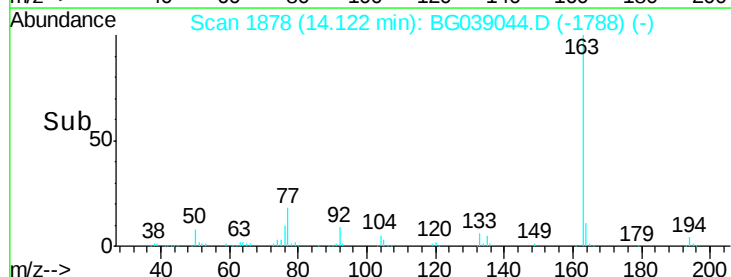
164 10.7 8.2 12.2

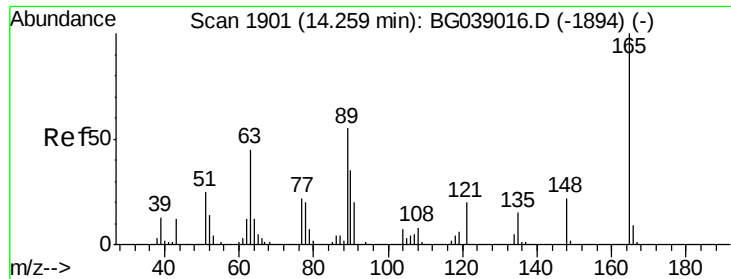


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.925 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

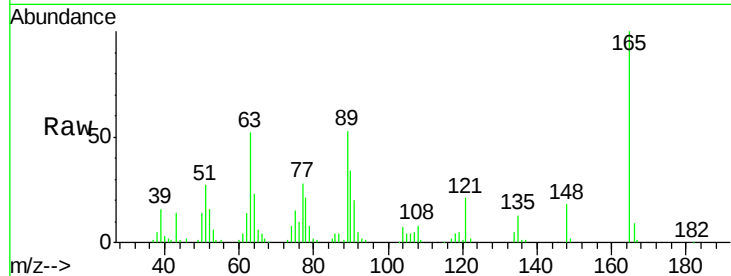
Tgt Ion:165 Resp: 62571

Ion Ratio Lower Upper

165 100

63 52.3 43.6 65.4

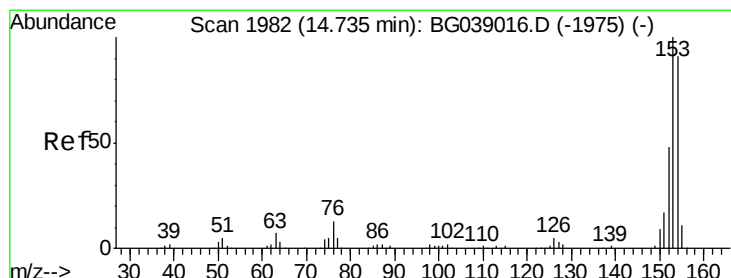
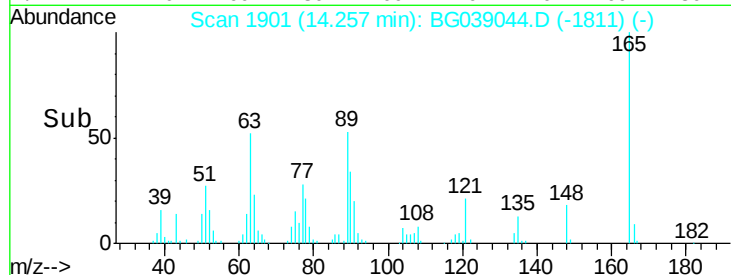
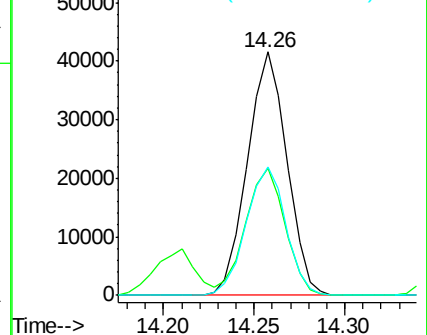
89 52.9 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.915 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

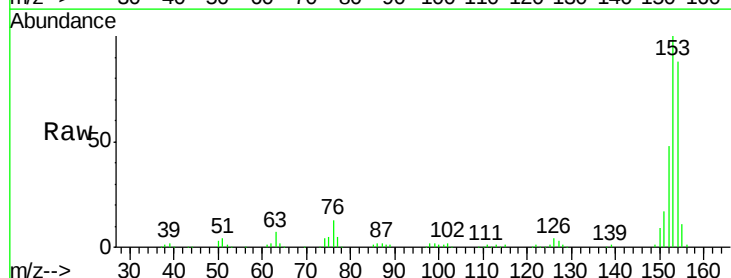
Tgt Ion:154 Resp: 182798

Ion Ratio Lower Upper

154 100

153 113.9 87.9 131.9

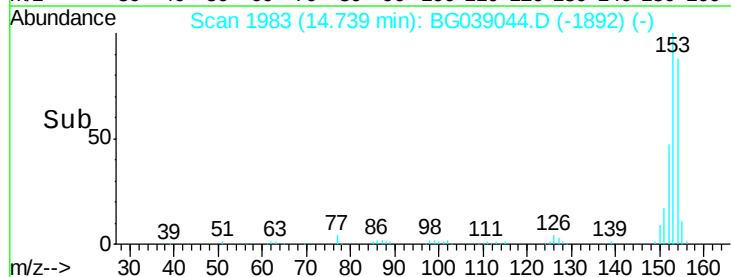
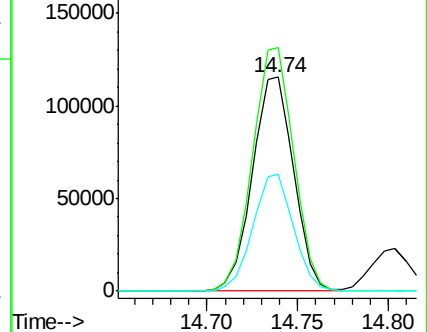
152 54.4 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.215 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

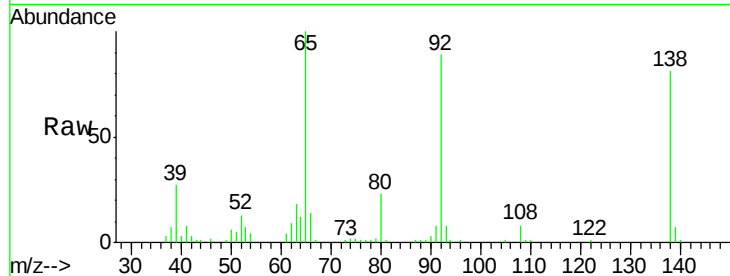
Tgt Ion:138 Resp: 41722

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

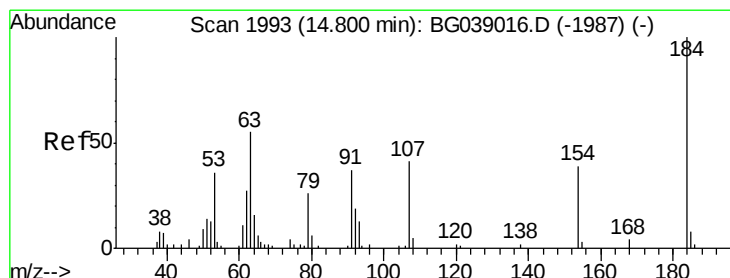
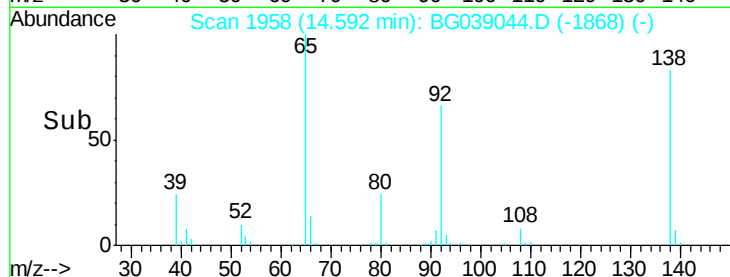
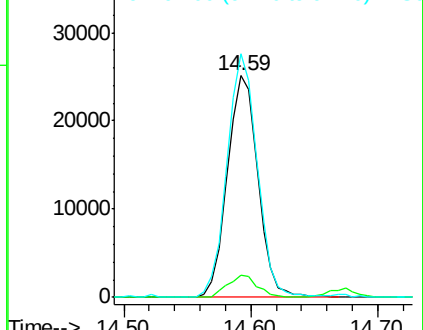
92 109.8 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 69.706 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

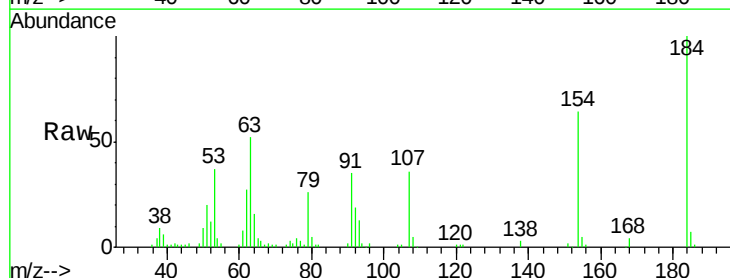
Tgt Ion:184 Resp: 60101

Ion Ratio Lower Upper

184 100

63 52.0 44.0 66.0

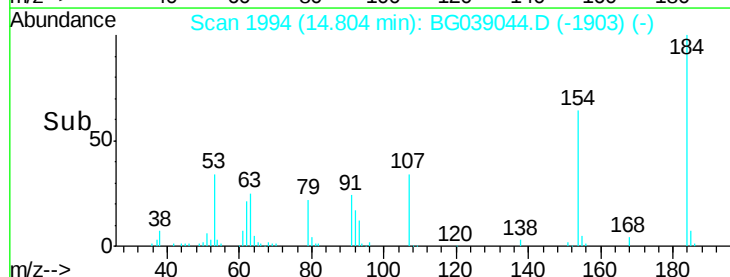
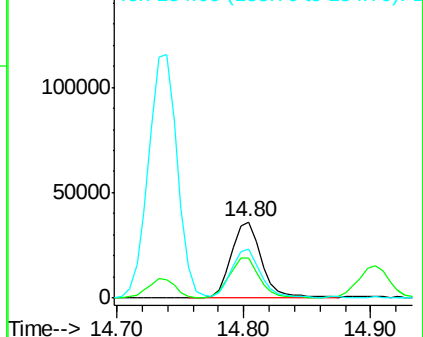
154 63.7 46.1 69.1

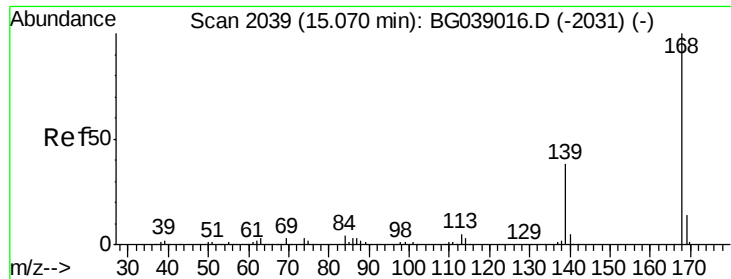


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

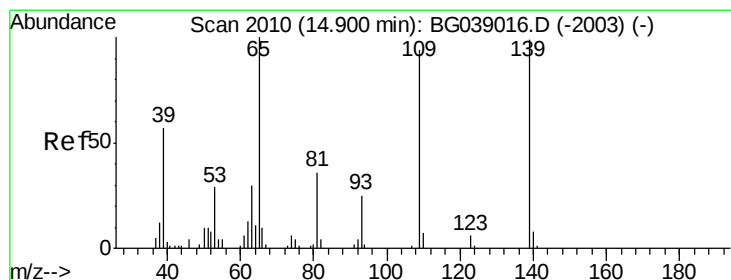
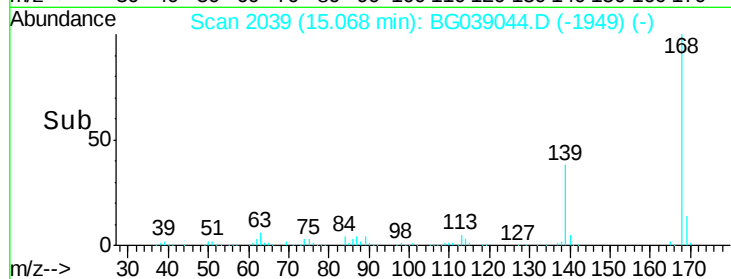
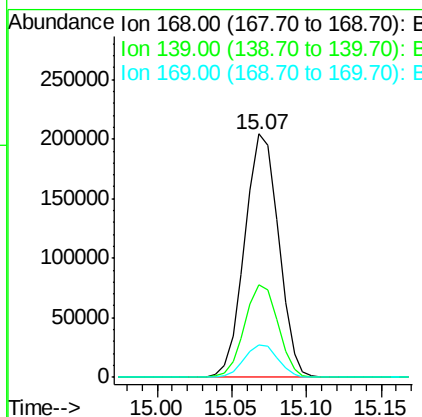
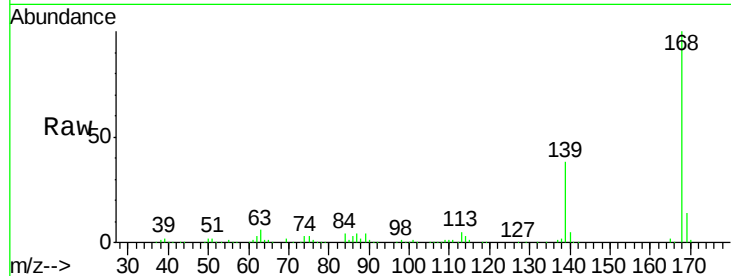




#55
Dibenzenofuran
Concen: 40.730 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

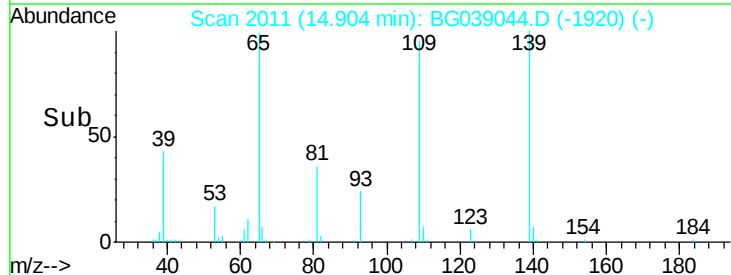
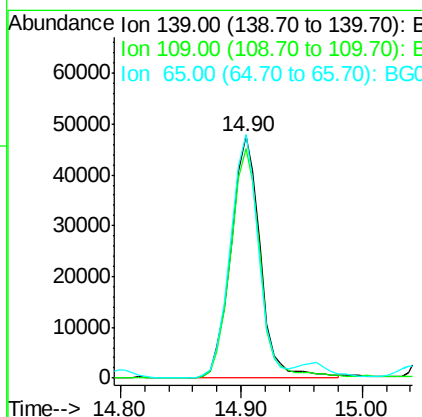
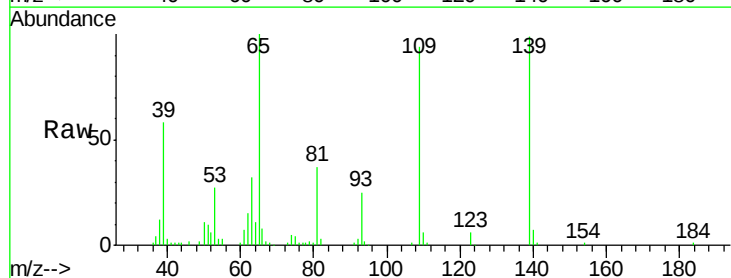
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

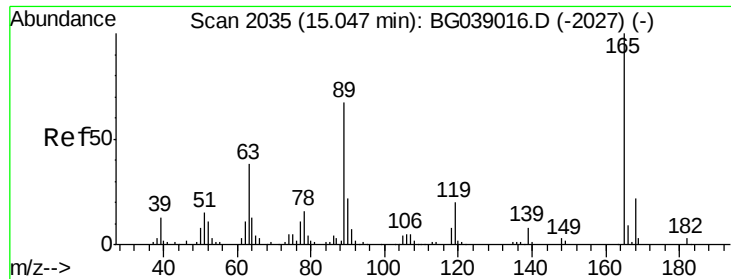
Tgt Ion:168 Resp: 321380
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 76.103 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:139 Resp: 80972
Ion Ratio Lower Upper
139 100
109 94.8 75.6 115.6
65 100.6 81.2 121.2

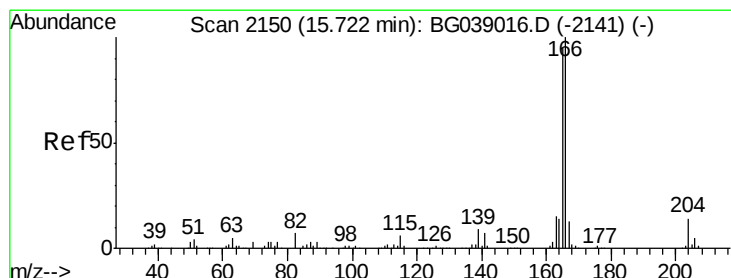
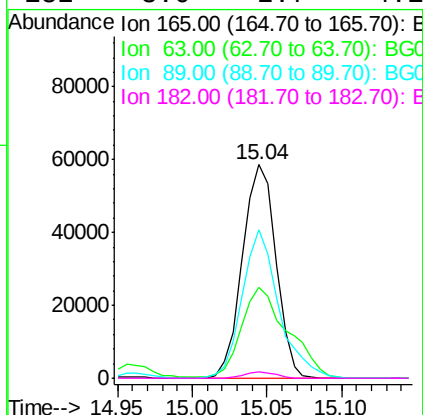
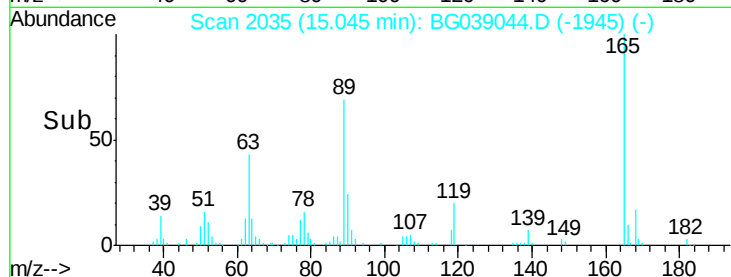
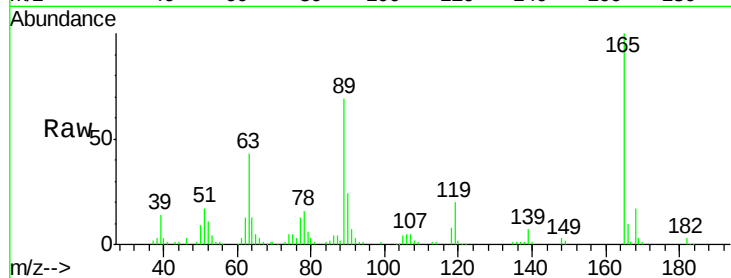




#57
2,4-Dinitrotoluene
Concen: 43.526 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

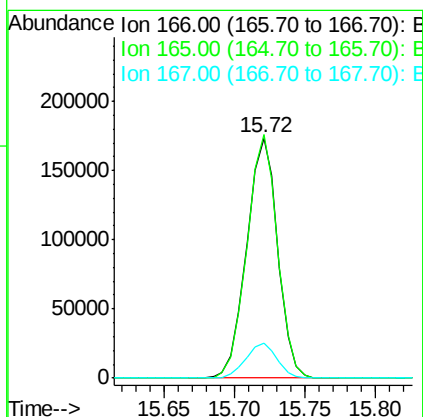
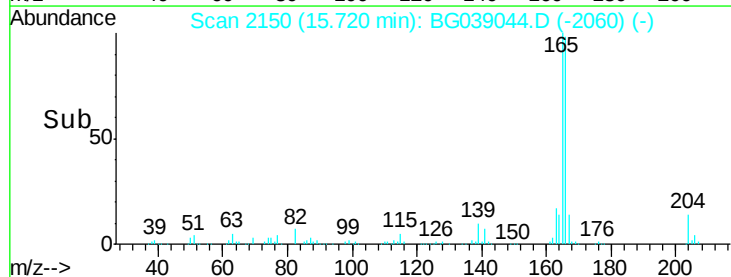
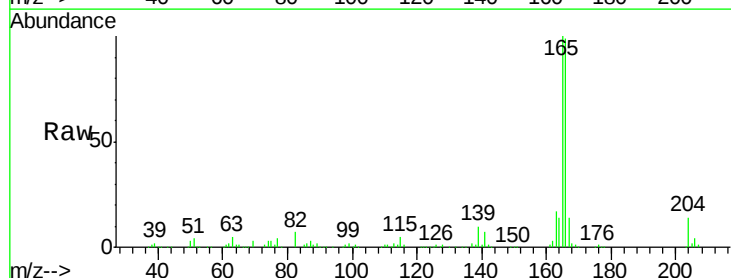
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

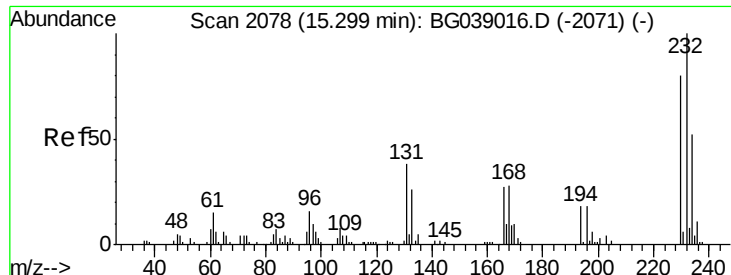
Tgt Ion:	165	Resp:	91025
Ion	Ratio	Lower	Upper
165	100		
63	42.7	30.2	45.4
89	69.3	53.2	79.8
182	3.0	2.7	4.1



#58
Fluorene
Concen: 44.950 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:	166	Resp:	266975
Ion	Ratio	Lower	Upper
166	100		
165	101.5	76.2	114.2
167	14.4	10.6	16.0

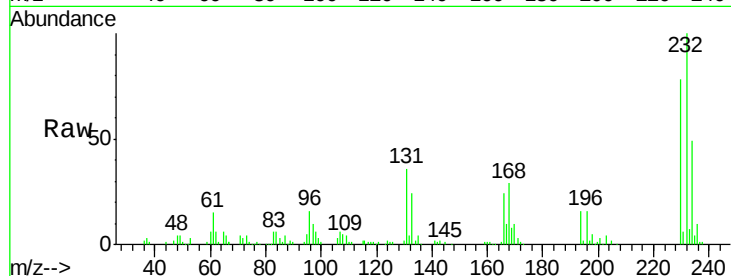




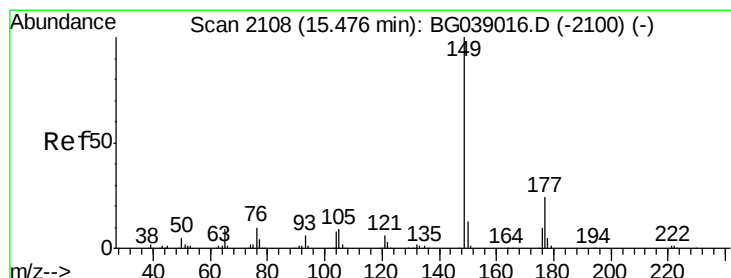
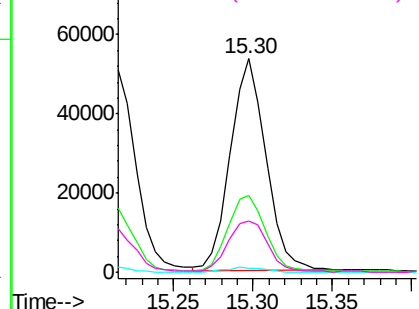
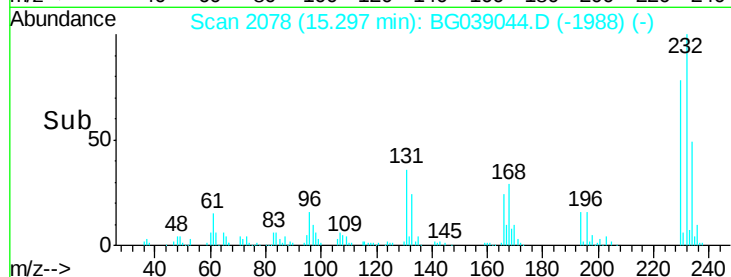
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.565 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion:	232	Resp:	82903
Ion	Ratio	Lower	Upper
232	100		
131	40.2	30.9	46.3
130	2.4	1.9	2.9
166	26.7	22.1	33.1

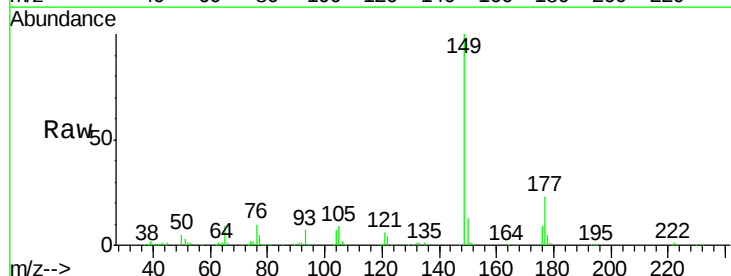


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

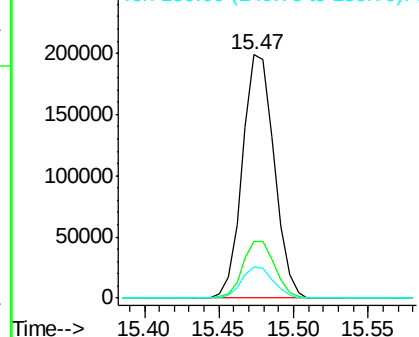
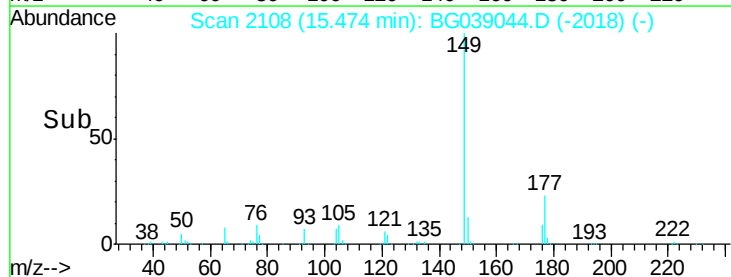


#60
Diethylphthalate
Concen: 43.602 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:	149	Resp:	292896
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.6
150	12.8	10.2	15.4



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

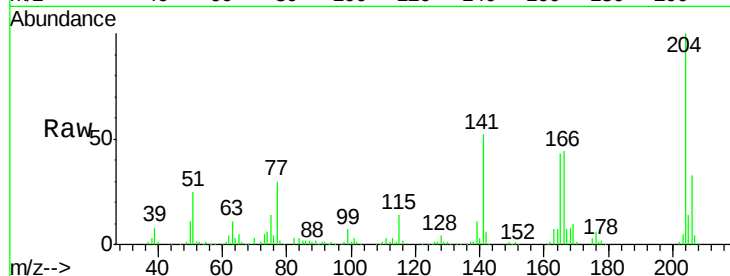




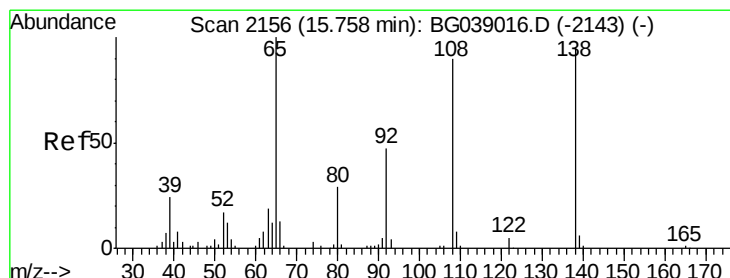
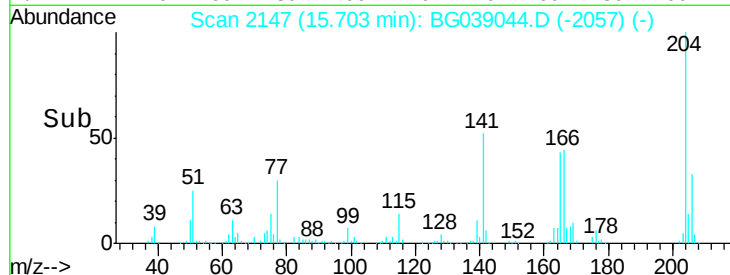
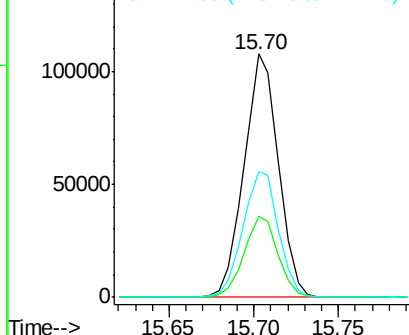
#61
 4-Chlorophenyl-phenylether
 Concen: 40.652 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	51.8	41.4	62.0

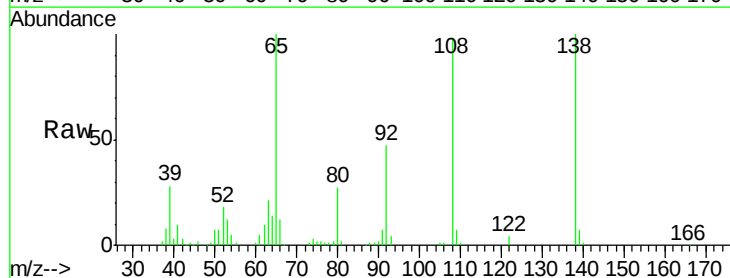


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

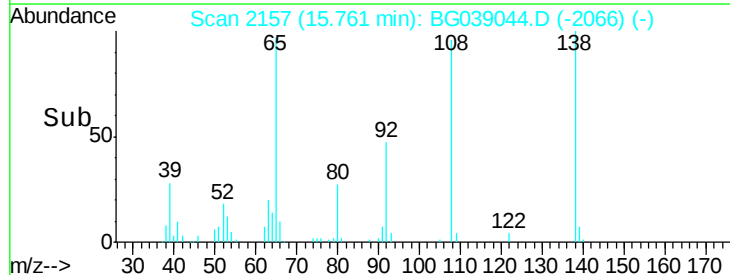
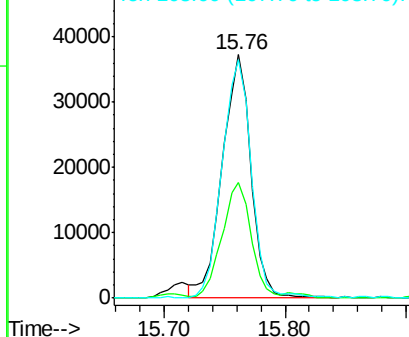


#62
 4-Nitroaniline
 Concen: 39.914 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.7	69.7
108	98.1	75.7	115.7



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





#63

Azobenzene

Concen: 41.599 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

Tgt Ion: 77 Resp: 218529

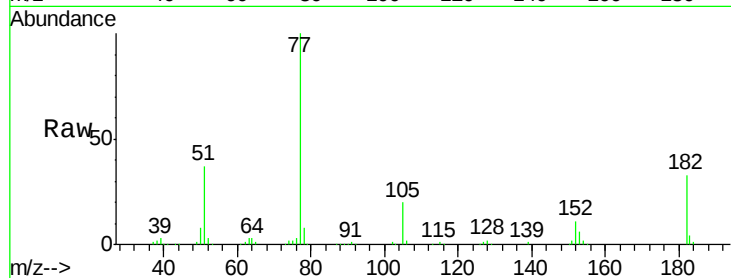
Ion Ratio Lower Upper

77 100

182 33.3 12.2 52.2

105 20.2 1.2 41.2

51 37.2 13.4 53.4

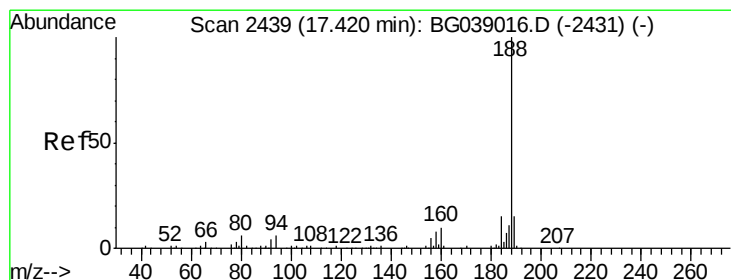
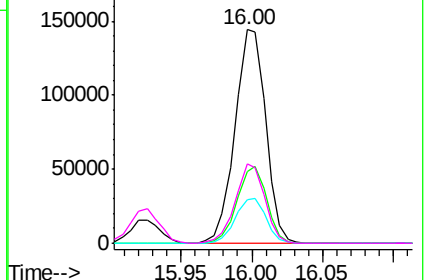
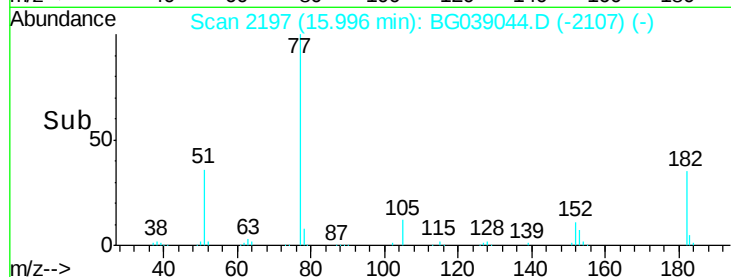


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

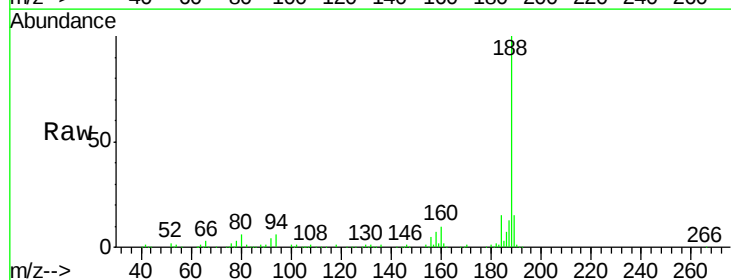
Tgt Ion: 188 Resp: 212399

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

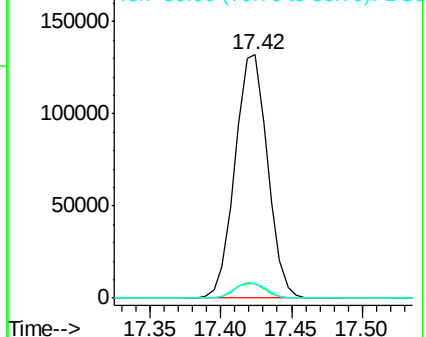
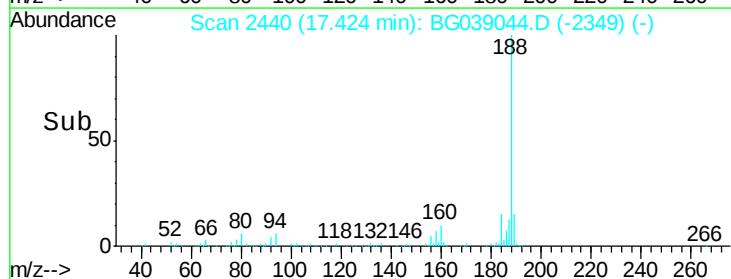
80 6.2 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

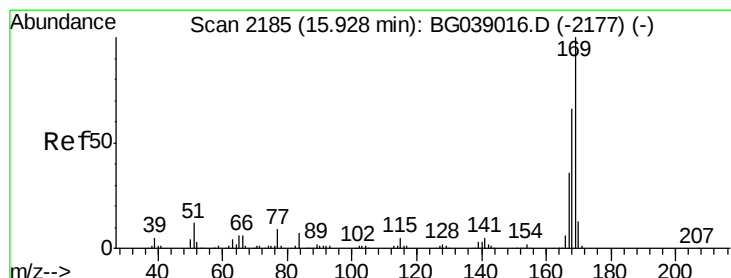
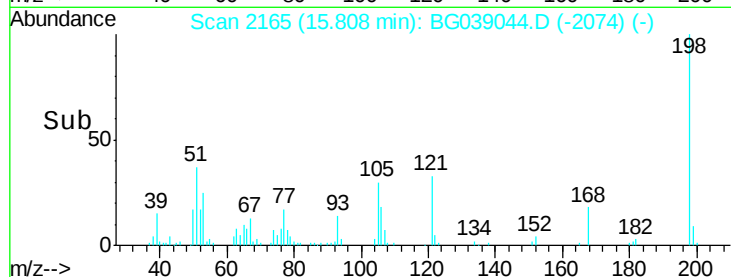
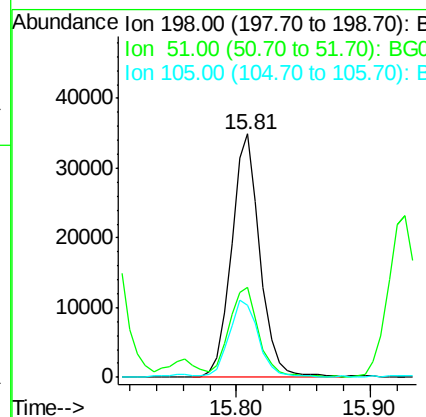
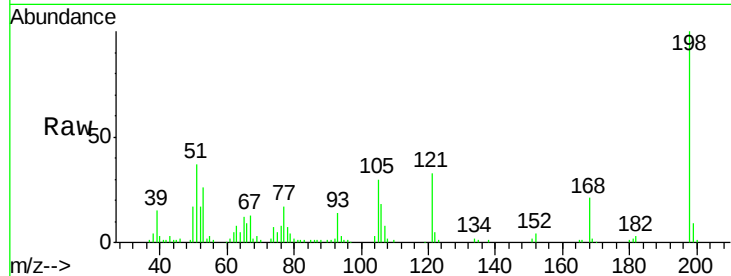




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.961 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

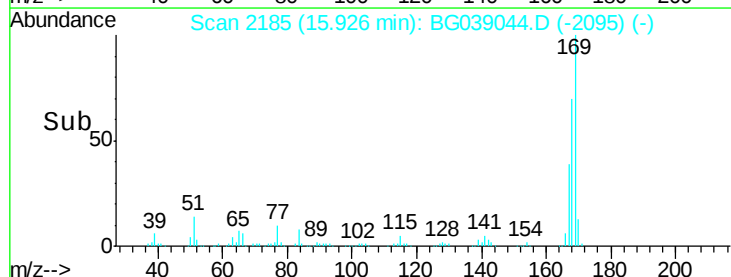
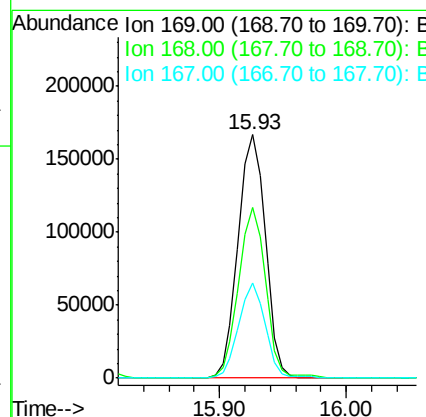
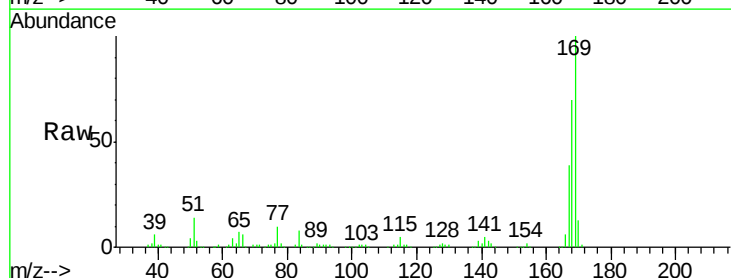
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

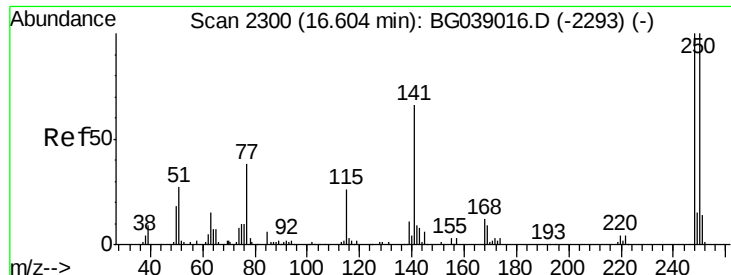
Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.8	20.8	60.8
105	29.6	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 39.597 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	53.2	79.8
167	39.0	29.1	43.7

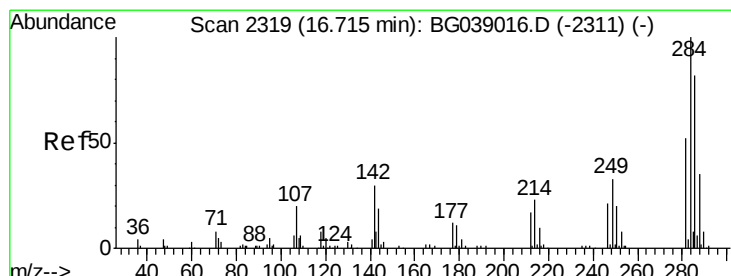
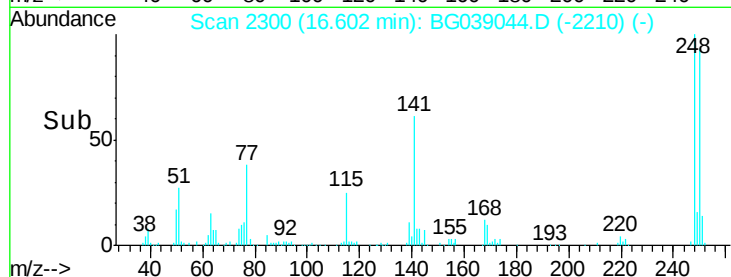
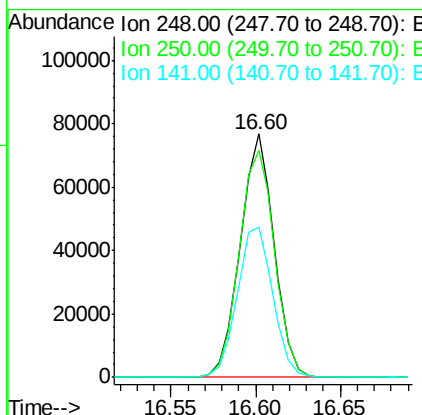
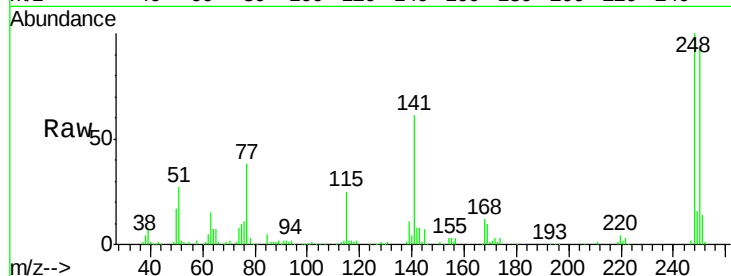




#67
 4-Bromophenyl-phenylether
 Concen: 39.140 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

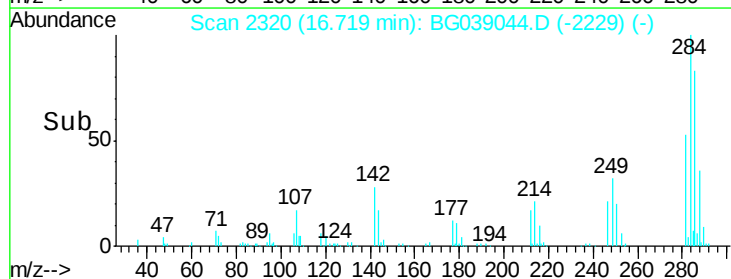
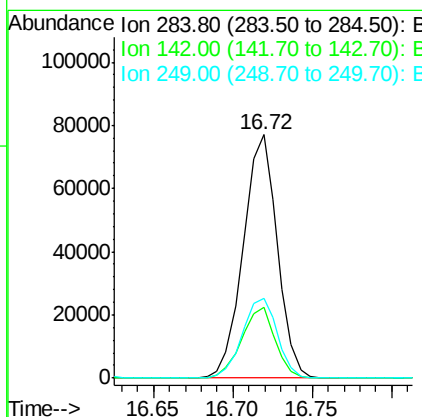
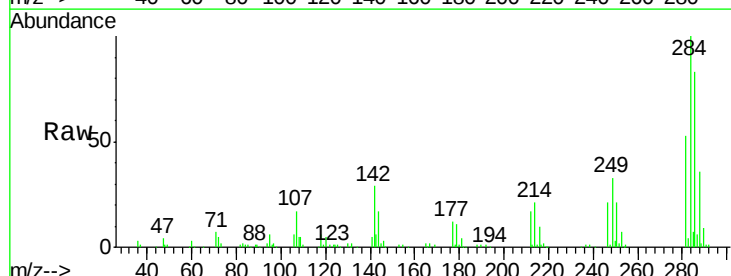
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

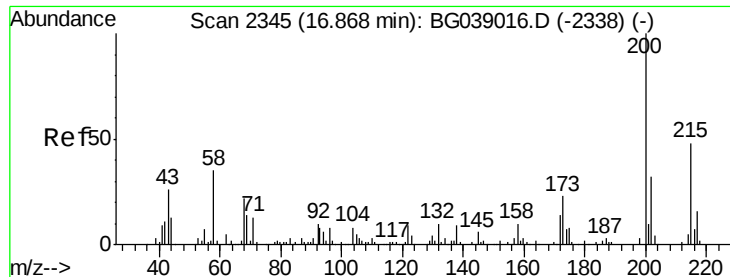
Tgt Ion:248 Resp: 106863
 Ion Ratio Lower Upper
 248 100
 250 93.0 79.9 119.9
 141 61.4 52.7 79.1



#68
 Hexachlorobenzene
 Concen: 38.418 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:284 Resp: 114457
 Ion Ratio Lower Upper
 284 100
 142 28.9 24.3 36.5
 249 35.1 27.8 41.8





#69

Atrazine

Concen: 40.201 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

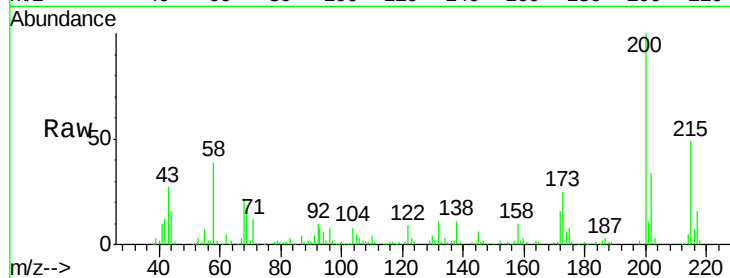
Tgt Ion:200 Resp: 107533

Ion Ratio Lower Upper

200 100

173 24.7 2.6 42.6

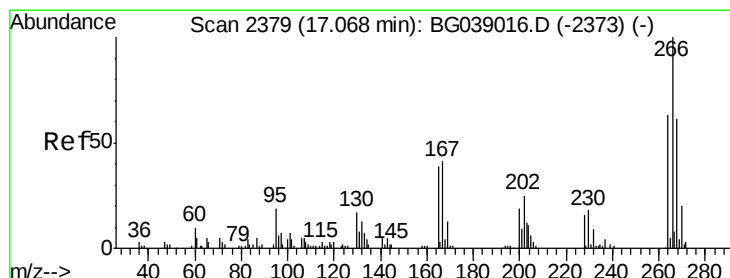
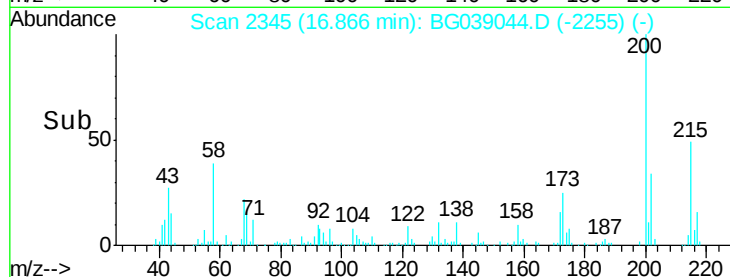
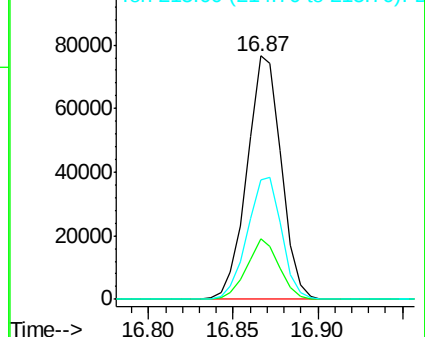
215 49.0 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.865 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

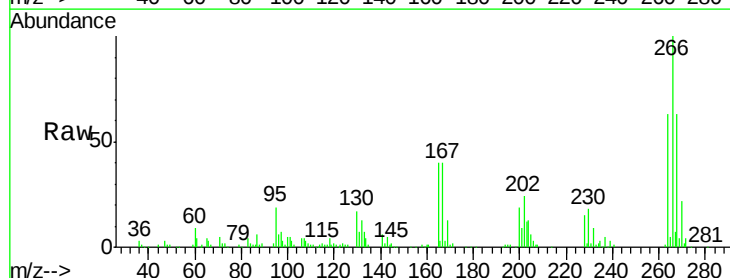
Tgt Ion:266 Resp: 109284

Ion Ratio Lower Upper

266 100

268 67.9 52.0 78.0

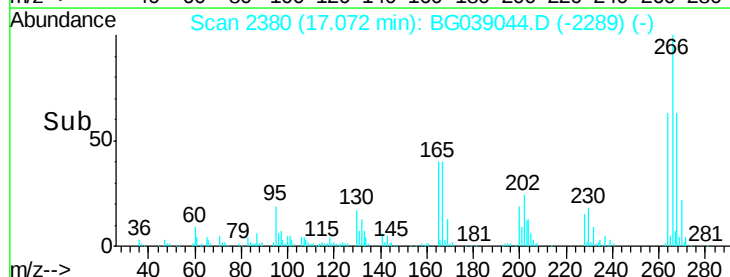
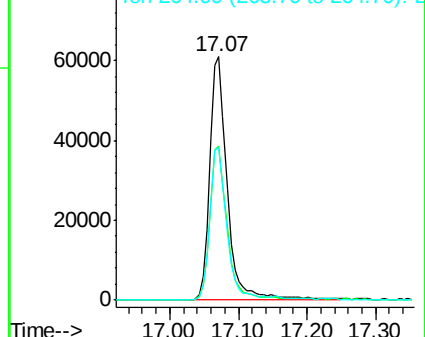
264 62.9 54.6 81.8

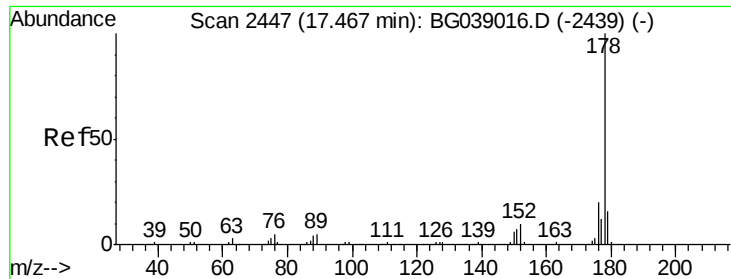


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

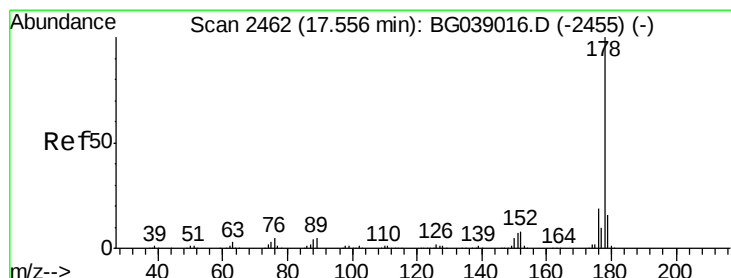
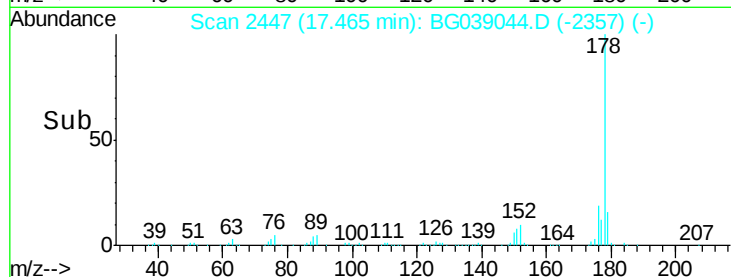
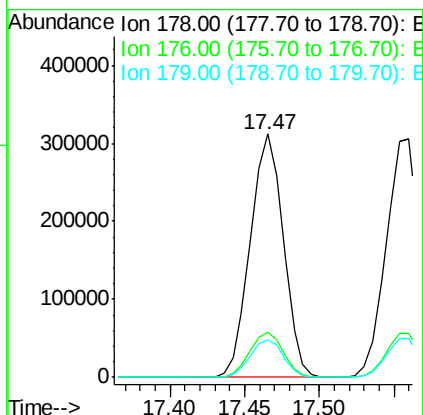
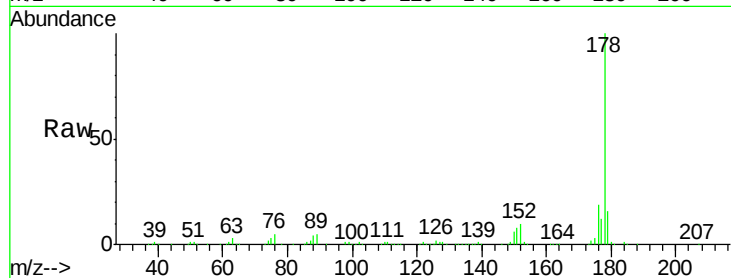




#71
 Phenanthrene
 Concen: 42.525 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

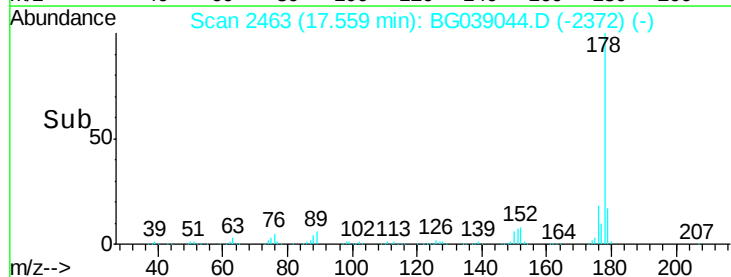
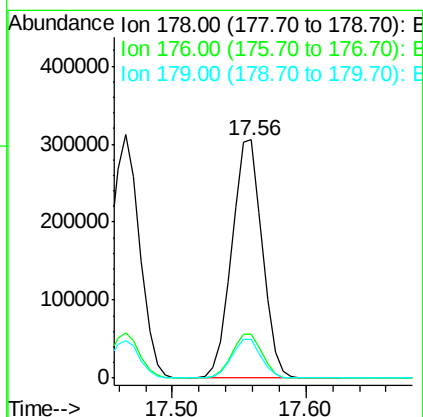
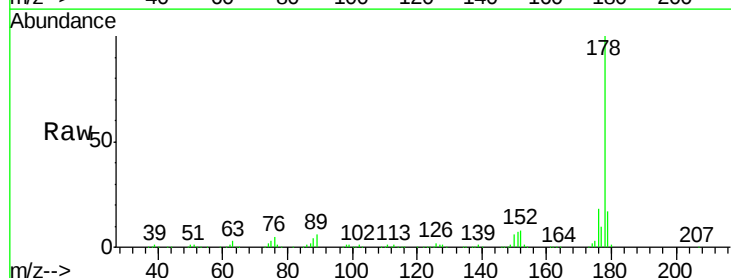
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

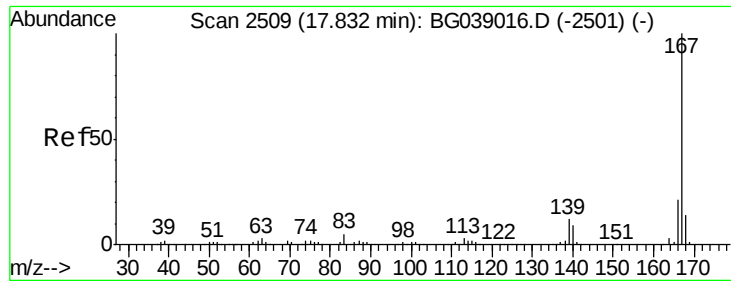
Tgt Ion:178 Resp: 477413
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.7 23.5
 179 15.6 12.9 19.3



#72
 Anthracene
 Concen: 43.647 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:178 Resp: 484492
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 16.5 13.0 19.4

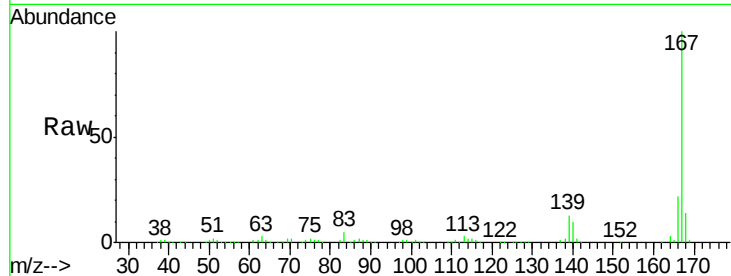




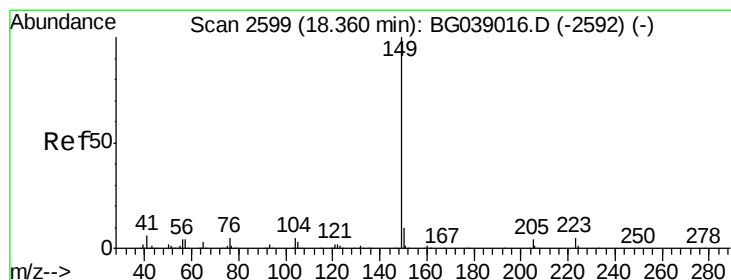
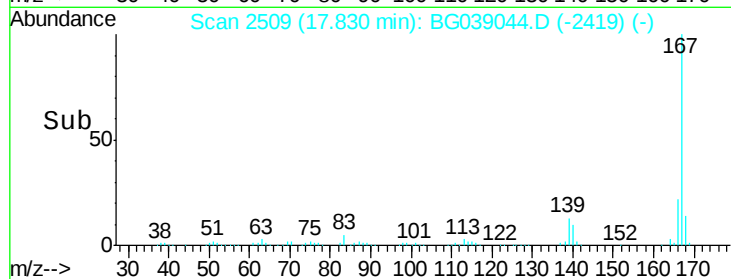
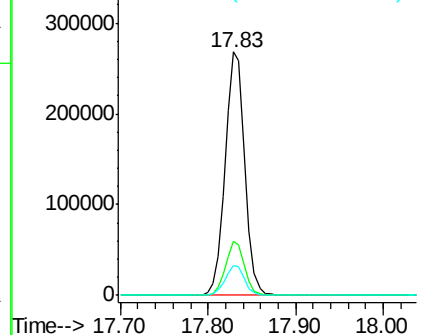
#73
 Carbazole
 Concen: 37.857 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tgt Ion:167 Resp: 414831
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.9 25.3
 139 12.5 10.0 15.0

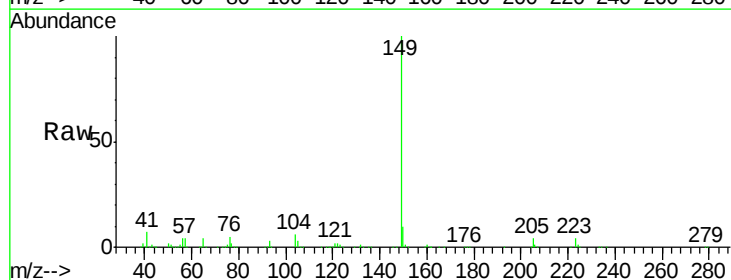


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

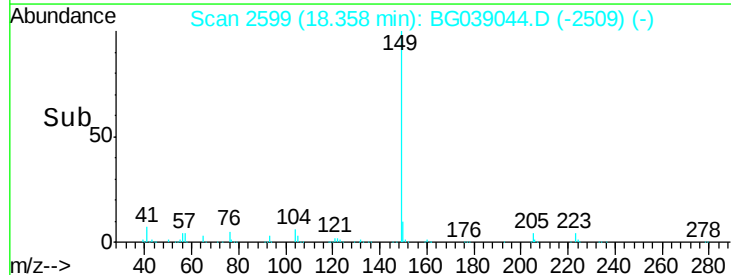
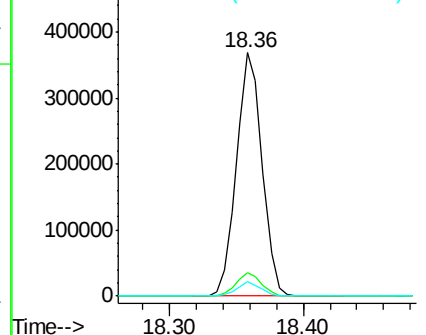


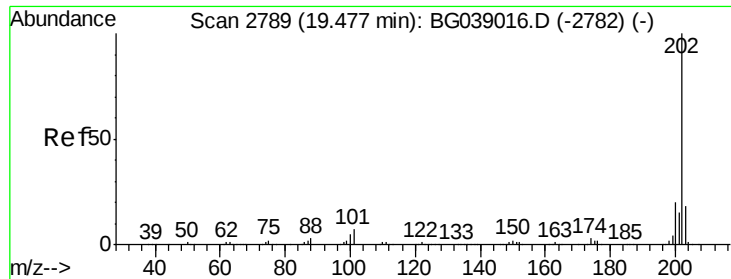
#74
 Di-n-butylphthalate
 Concen: 40.371 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:149 Resp: 492139
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.7 4.2 6.2



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

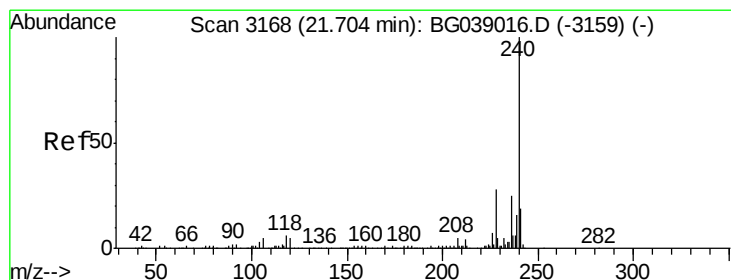
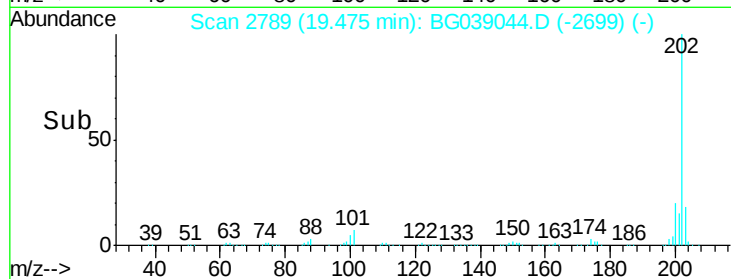
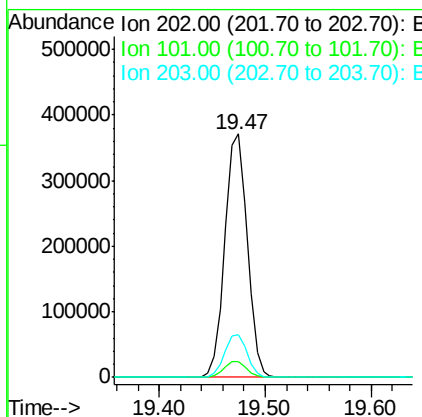
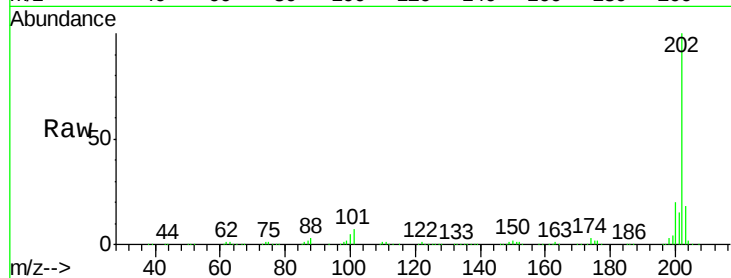




#75
 Fluoranthene
 Concen: 39.177 ng
 RT: 19.47 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

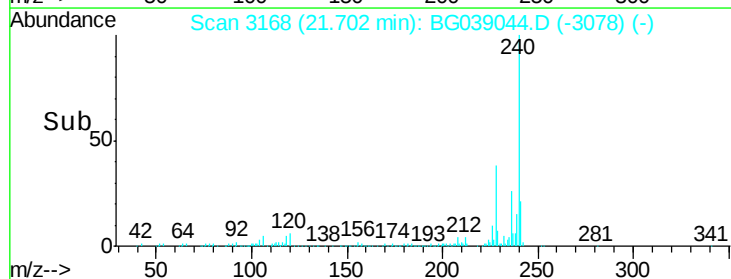
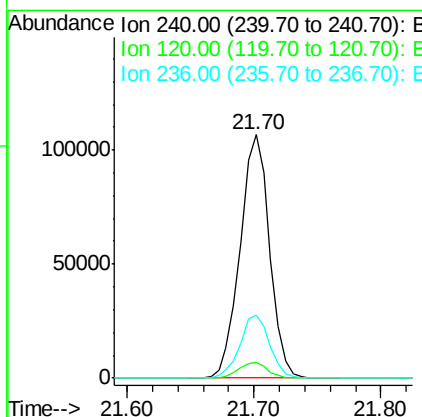
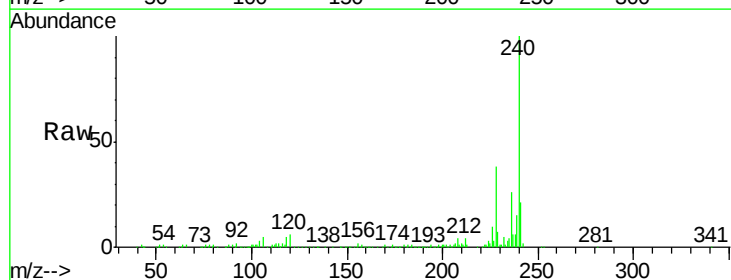
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	545254		
101	6.6		0.0	26.9
203	17.8		0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	171637		
120	6.4		4.3	6.5
236	25.7		20.1	30.1





#77

Benzidine

Concen: 23.943 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

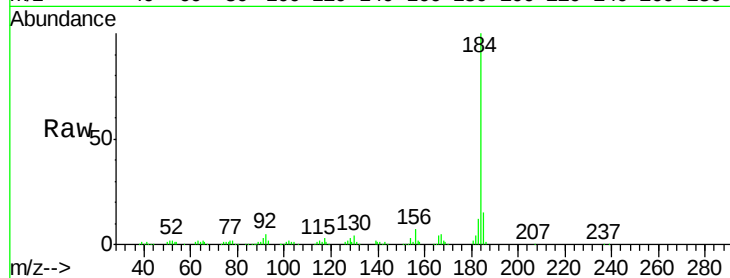
Tgt Ion:184 Resp: 125693

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

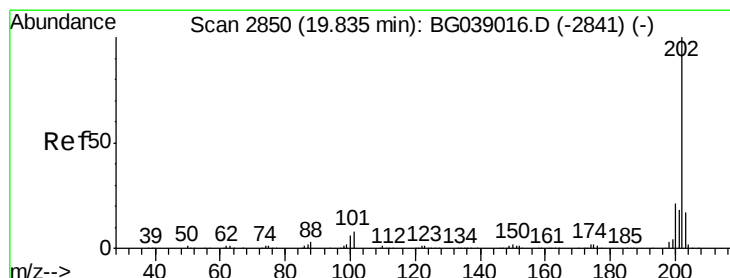
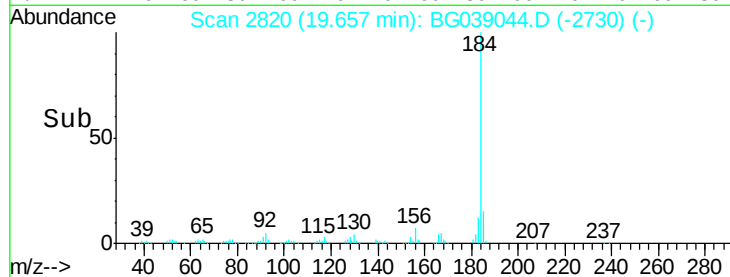
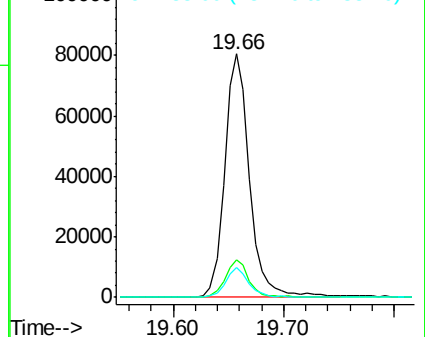
183 12.4 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.684 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

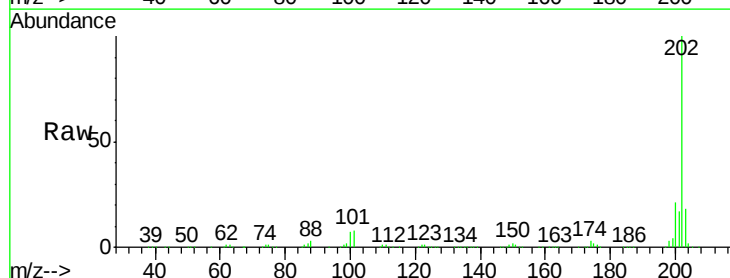
Tgt Ion:202 Resp: 532515

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

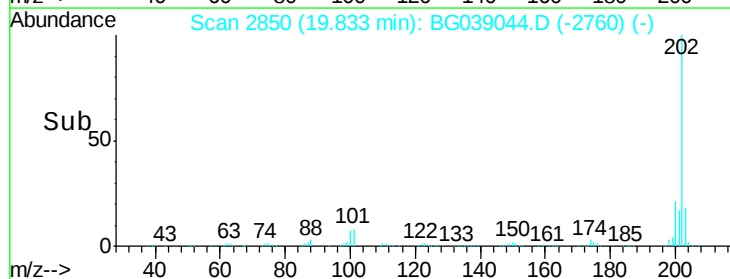
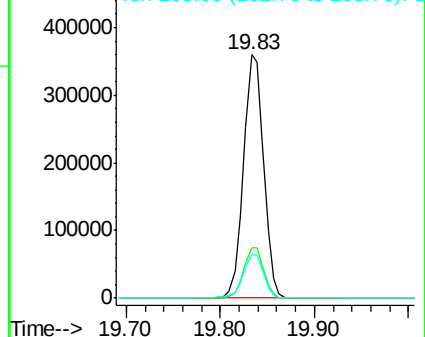
203 17.8 14.0 21.0

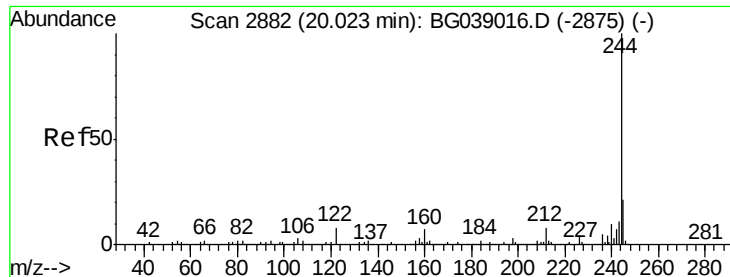


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.311 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

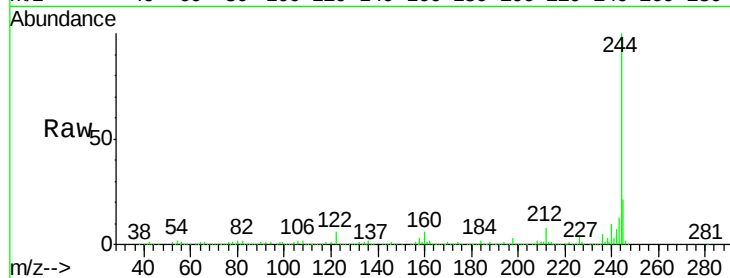
Tgt Ion:244 Resp: 847206

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

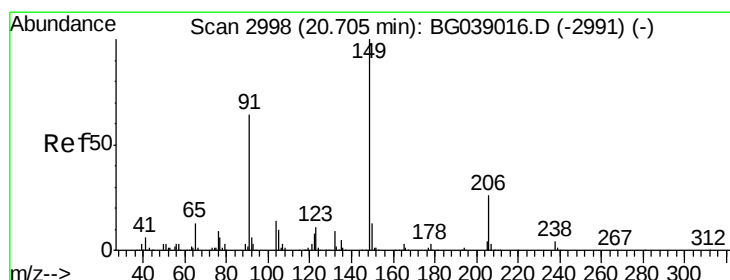
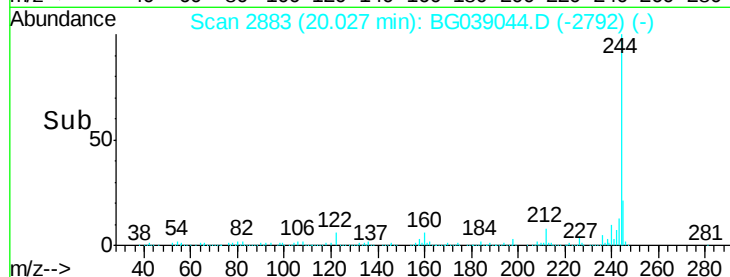
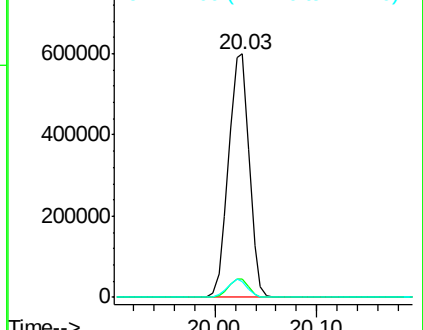
122 6.4 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.358 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

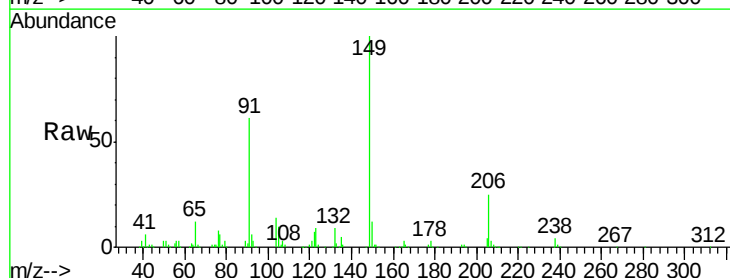
Tgt Ion:149 Resp: 180379

Ion Ratio Lower Upper

149 100

91 61.1 51.4 77.0

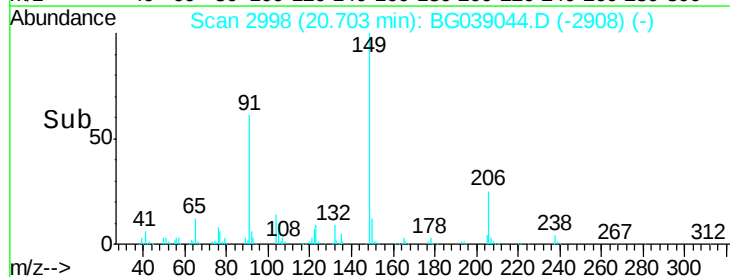
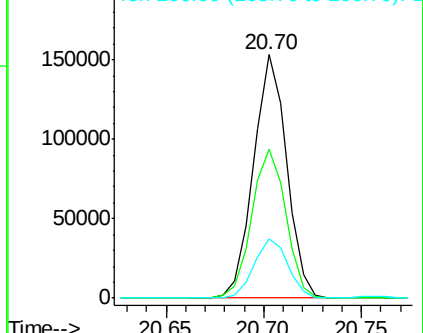
206 24.6 20.4 30.6

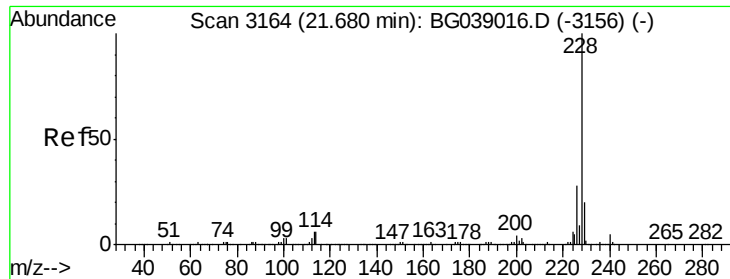


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

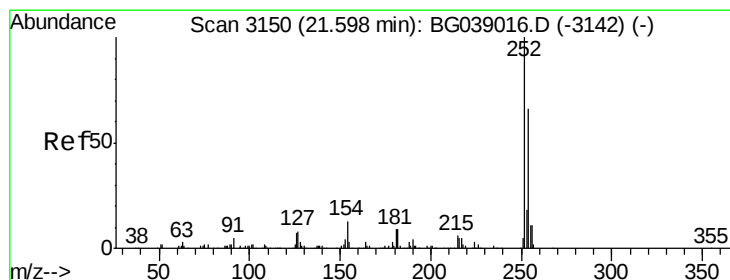
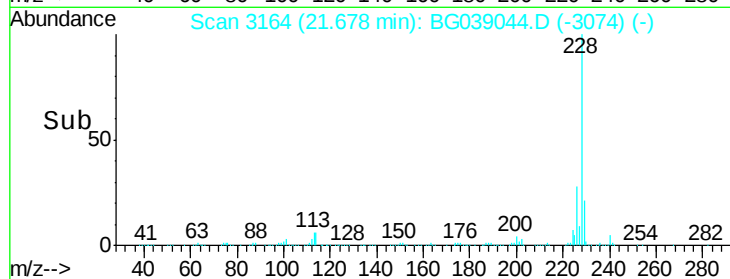
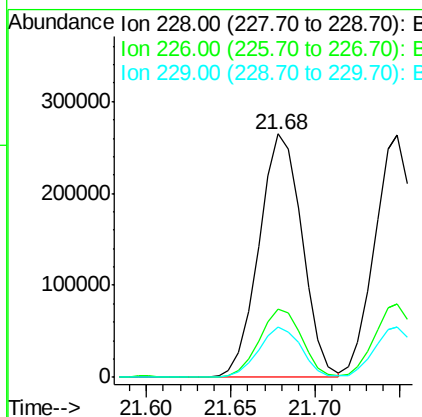
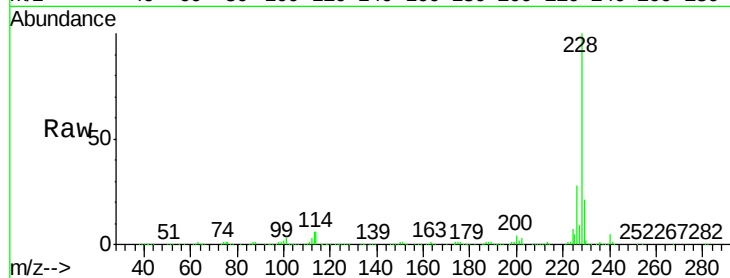




#81
Benzo(a)anthracene
Concen: 44.661 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

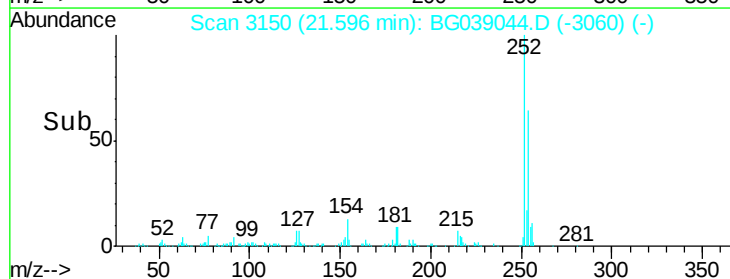
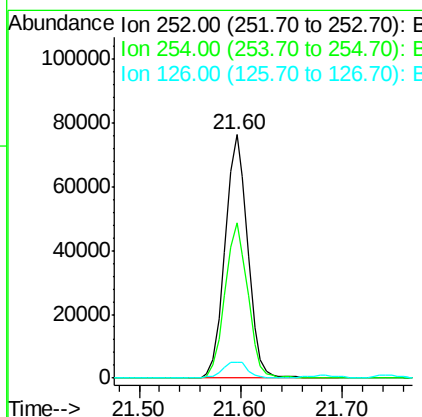
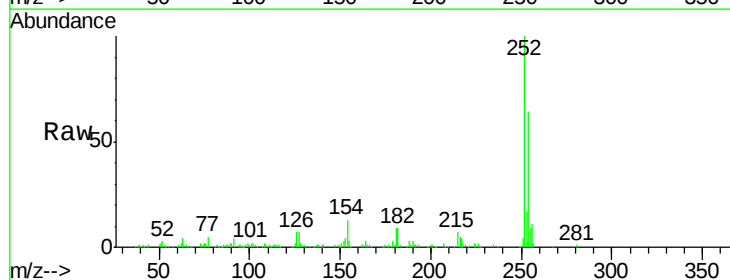
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

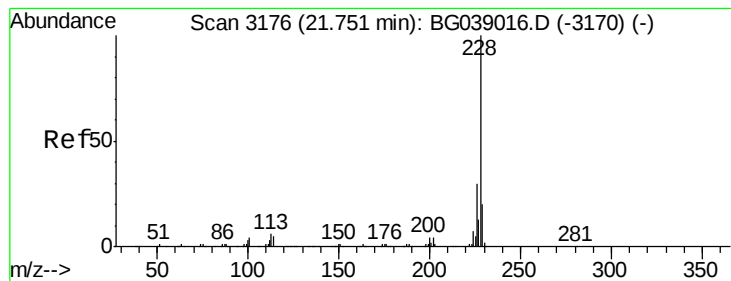
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.6	16.2	24.2



#82
3,3'-Dichlorobenzidine
Concen: 27.831 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.0	79.6
126	6.5	6.0	9.0





#83

Chrysene

Concen: 43.573 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

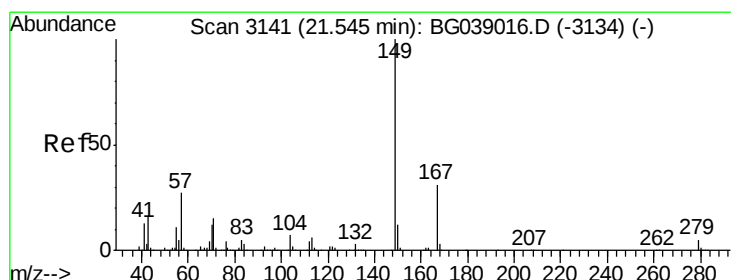
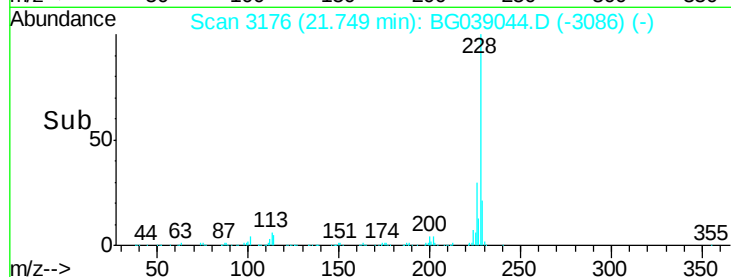
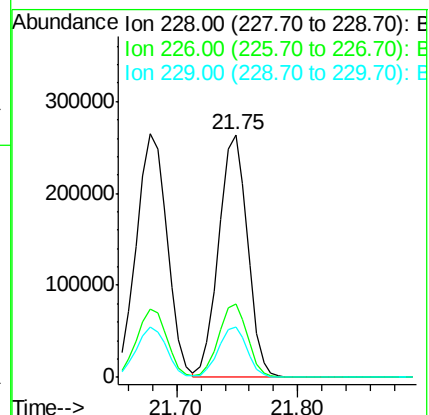
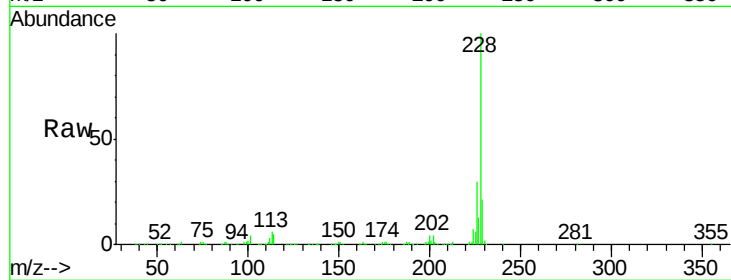
Tgt Ion:228 Resp: 433001

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.047 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

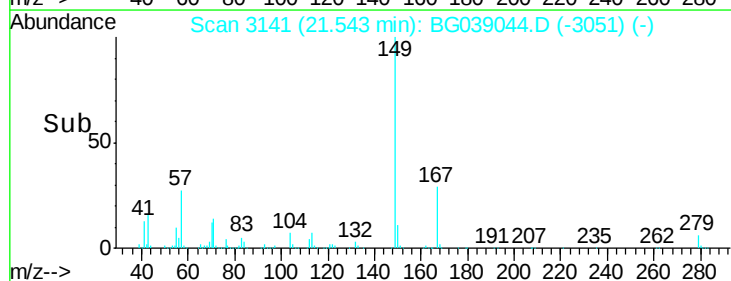
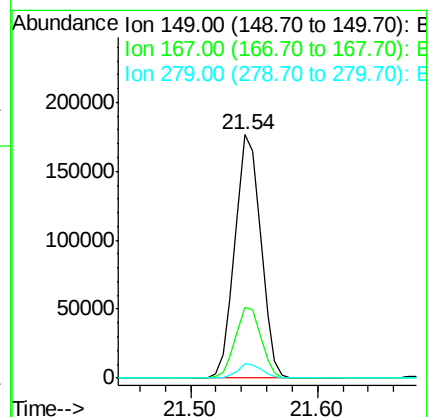
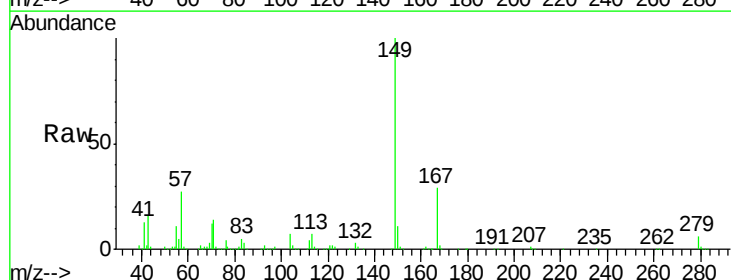
Tgt Ion:149 Resp: 248660

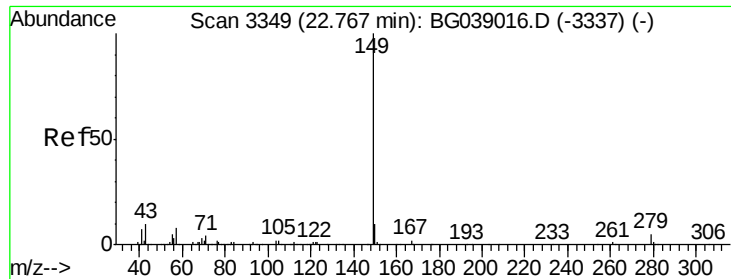
Ion Ratio Lower Upper

149 100

167 29.0 25.0 37.4

279 5.7 4.3 6.5

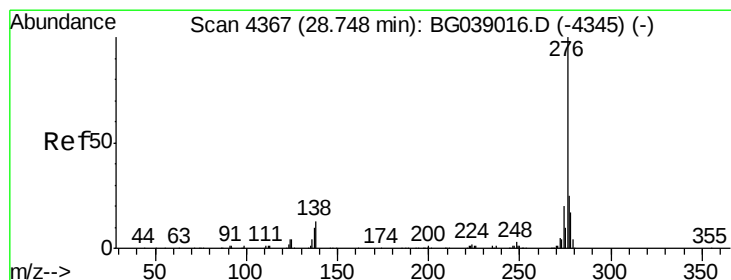
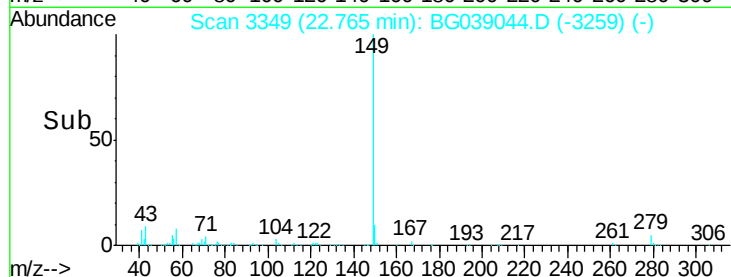
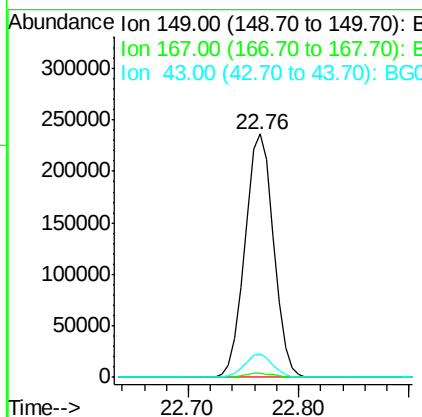
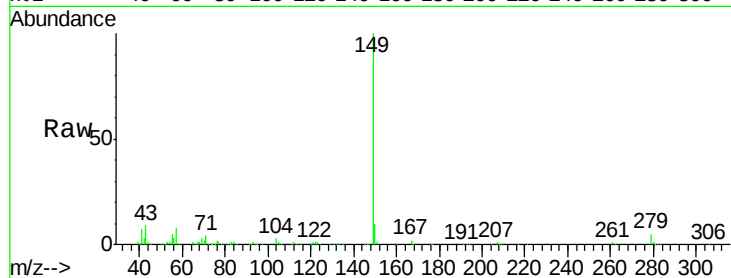




#85
Di-n-octyl phthalate
Concen: 44.016 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

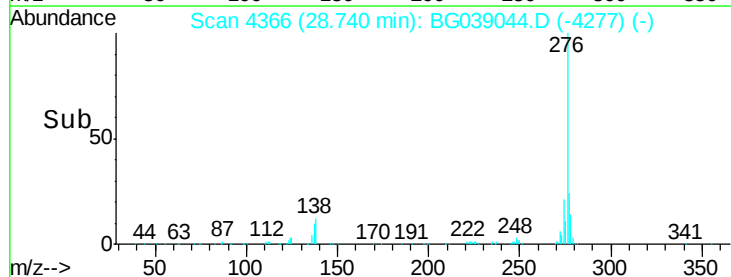
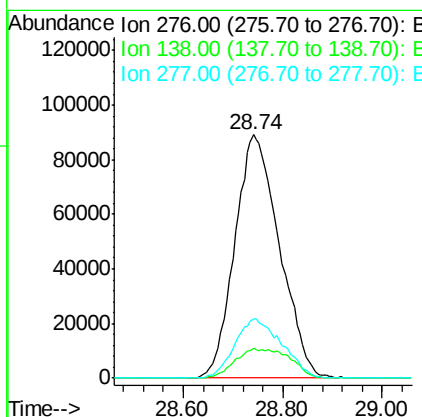
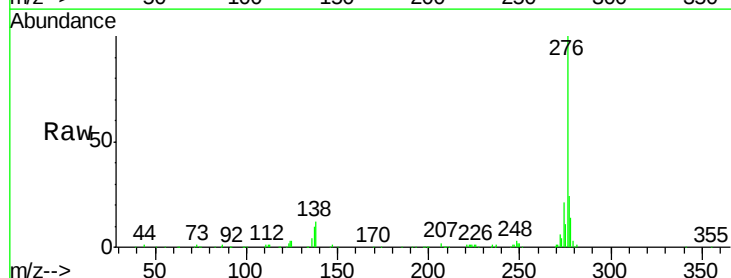
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

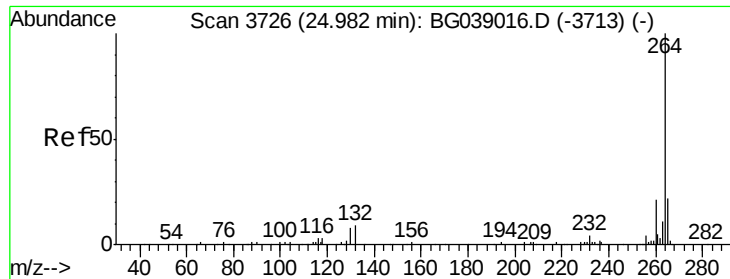
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.4	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.653 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.01 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.0	12.0#
277	25.7	20.3	30.5



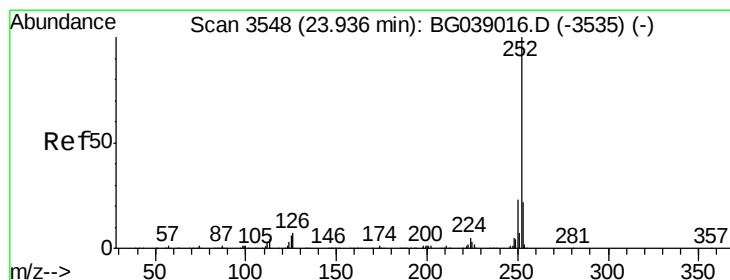
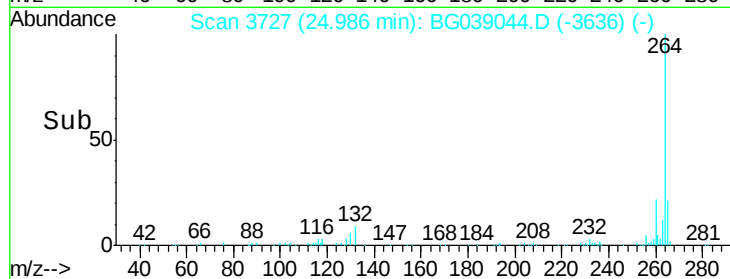
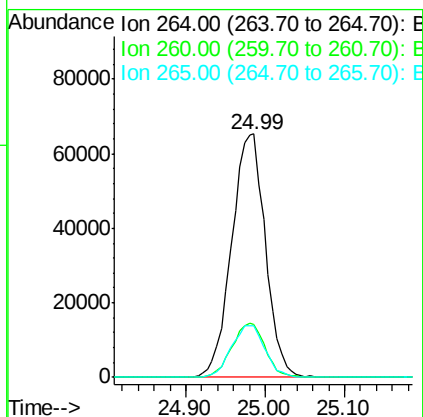
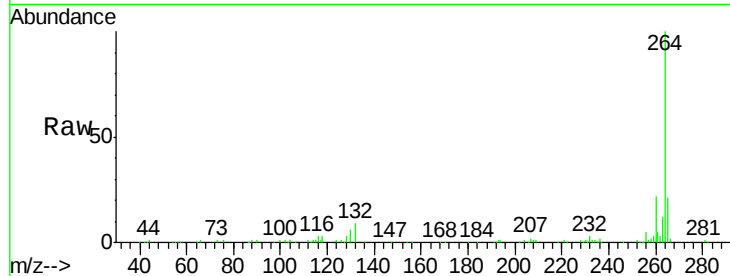


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tgt Ion: 264 Resp: 192088

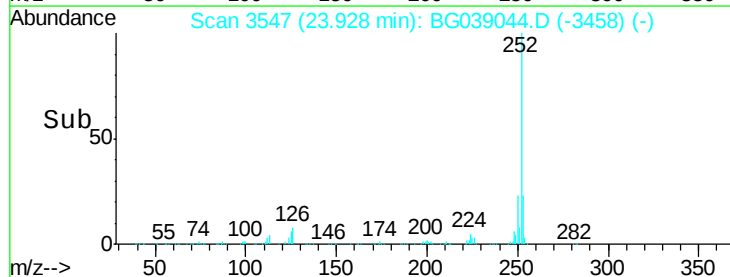
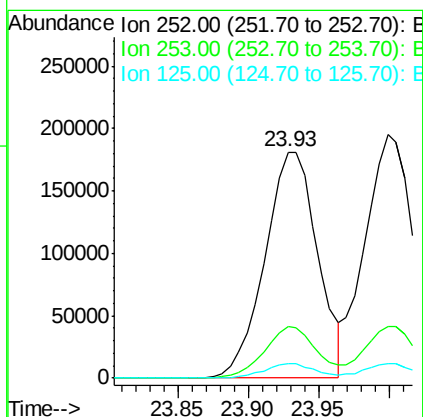
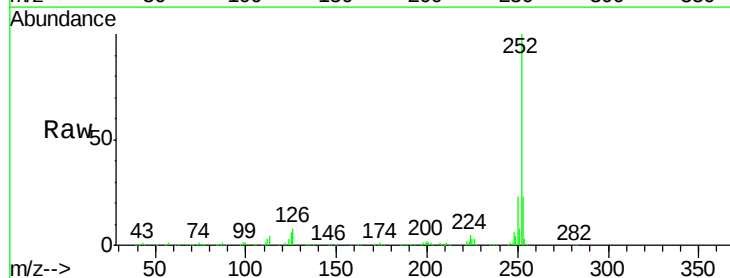
Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	21.5	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 44.550 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion: 252 Resp: 471864

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	6.2	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 44.538 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

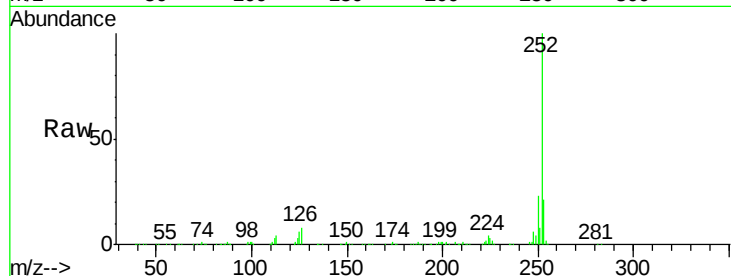
Tgt Ion:252 Resp: 466413

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

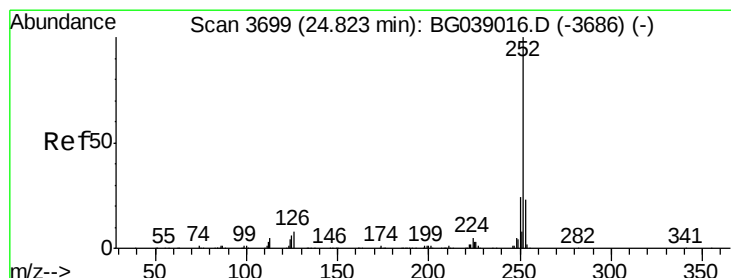
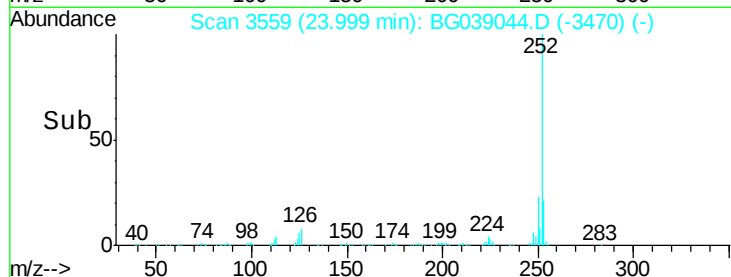
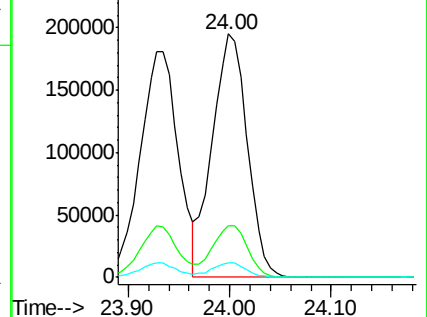
125 5.9 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.245 ng

RT: 24.83 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

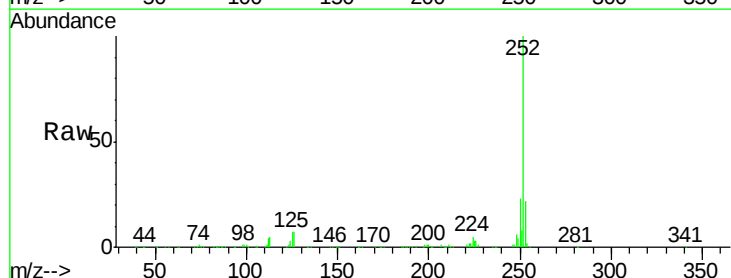
Tgt Ion:252 Resp: 463200

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

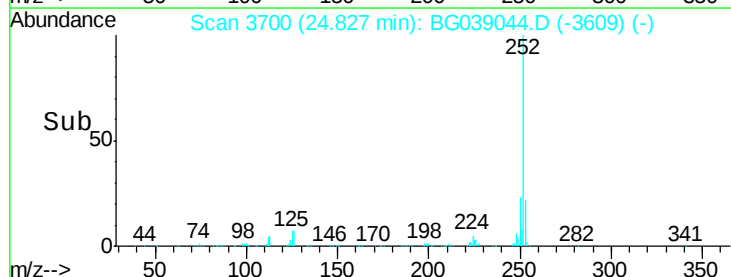
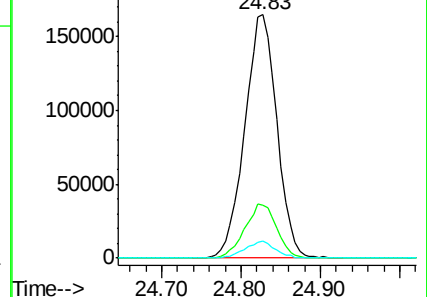
125 6.8 4.9 7.3

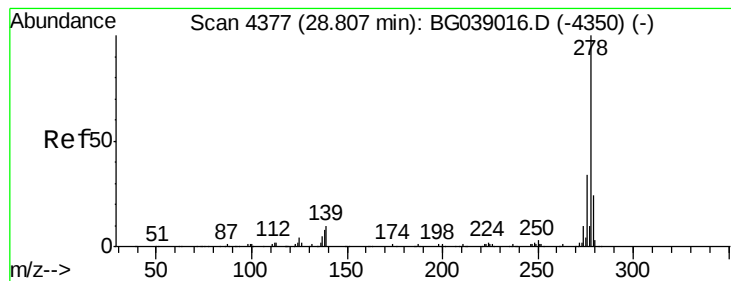


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.190 ng

RT: 28.81 min Scan# 4378

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

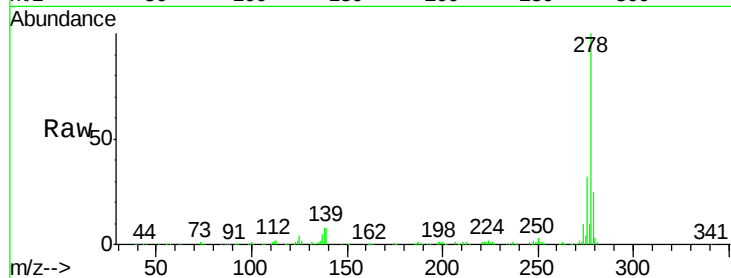
Tgt Ion:278 Resp: 460172

Ion Ratio Lower Upper

278 100

139 8.1 7.9 11.9

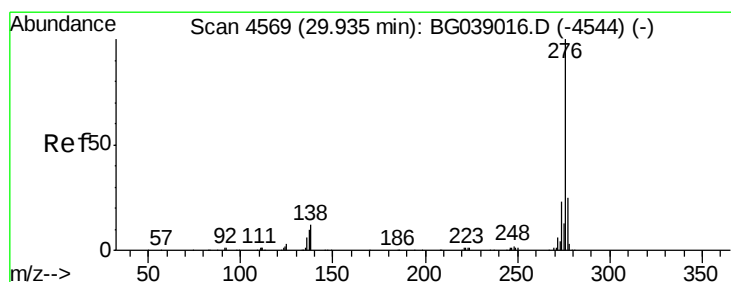
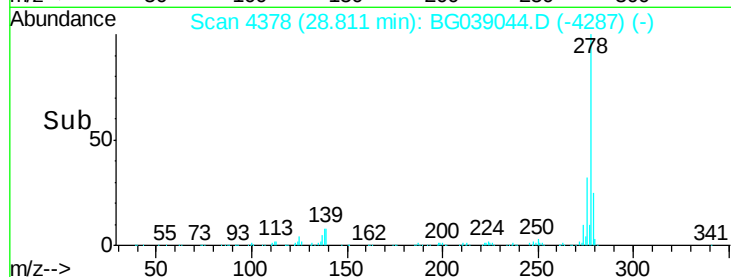
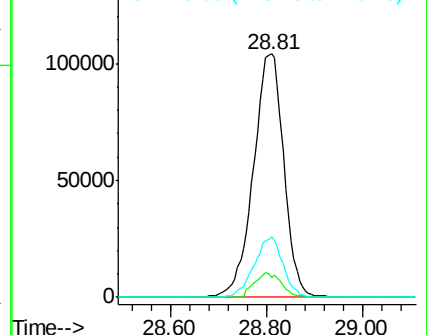
279 24.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.730 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

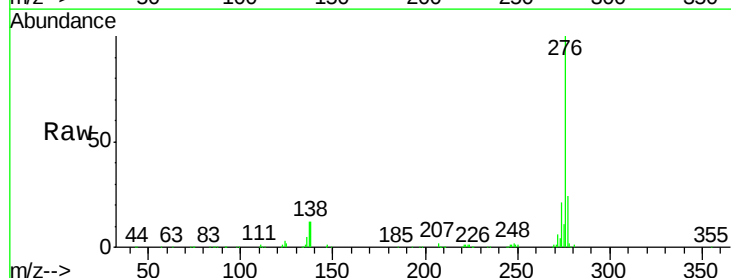
Tgt Ion:276 Resp: 461013

Ion Ratio Lower Upper

276 100

277 23.9 20.3 30.5

138 12.3 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

