

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
 Data File : BG039045.D
 Acq On : 10 Jan 2019 8:14
 Operator : JU/SJ
 Sample : K1006-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jan 10 09:51:13 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	23496	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	111331	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	91119	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	248196	20.00	ng	0.00
76) Chrysene-d12	21.70	240	199987	20.00	ng	0.00
87) Perylene-d12	24.98	264	220327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	182598	147.42	ng	0.00
7) Phenol-d6	7.19	99	254609	142.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	172682	84.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	227697	149.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	525578	78.94	ng	0.00
79) Terphenyl-d14	20.03	244	1012945	93.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	13941	28.742	ng	# 29
3) Pyridine	3.87	79	46703	35.436	ng	94
4) n-Nitrosodimethylamine	3.79	42	29486	49.718	ng	89
6) Aniline	7.36	93	48664	22.732	ng	99
8) 2-Chlorophenol	7.59	128	75164	51.480	ng	98
9) Benzaldehyde	7.17	77	24532	23.865	ng	94
10) Phenol	7.22	94	86653	48.488	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	62318	45.625	ng	96
12) 1,3-Dichlorobenzene	7.92	146	62289	35.608	ng	94
13) 1,4-Dichlorobenzene	8.06	146	66049	37.281	ng	99
14) 1,2-Dichlorobenzene	8.38	146	64723	38.316	ng	99
15) Benzyl Alcohol	8.28	79	74358	55.393	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	117932	45.028	ng	97
17) 2-Methylphenol	8.48	107	67545	54.432	ng	97
18) Hexachloroethane	9.10	117	22075	36.676	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	59445	50.785	ng	95
20) 3+4-Methylphenols	8.80	107	96482	54.533	ng	98
22) Acetophenone	8.86	105	119772	41.195	ng	# 97
24) Nitrobenzene	9.25	77	86582	42.102	ng	97
25) Isophorone	9.76	82	181485	51.784	ng	98
26) 2-Nitrophenol	9.96	139	48992	44.044	ng	94
27) 2,4-Dimethylphenol	10.01	122	83175	53.149	ng	89
28) bis(2-Chloroethoxy)methane	10.24	93	96809	45.961	ng	96
29) 2,4-Dichlorophenol	10.50	162	98672	50.753	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	89260	38.211	ng	97
31) Naphthalene	10.90	128	247229	44.277	ng	99
32) Benzoic acid	10.20	122	49560	50.804	ng	96
33) 4-Chloroaniline	11.03	127	13557	5.426	ng	95
34) Hexachlorobutadiene	11.15	225	56830	35.357	ng	97
35) Caprolactam	11.82	113	16466	21.121	ng	91
36) 4-Chloro-3-methylphenol	12.14	107	109280	52.554	ng	93
37) 2-Methylnaphthalene	12.50	142	205177	49.011	ng	98
38) 1-Methylnaphthalene	12.72	142	197689	49.198	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	133362	38.971	ng	99

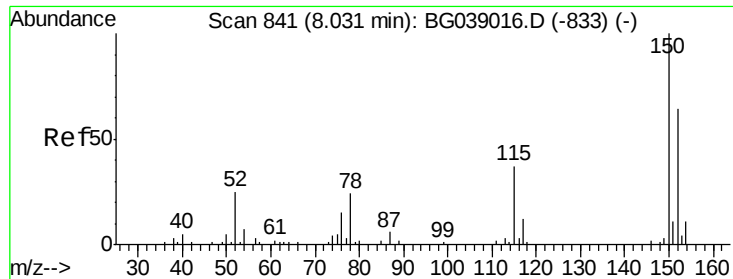
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
 Data File : BG039045.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	124720	65.808	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	98298	45.640	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	111822	49.124	ng	99
46) 1,1'-Biphenyl	13.50	154	291388	40.358	ng	100
47) 2-Chloronaphthalene	13.55	162	236872	40.542	ng	97
48) 2-Nitroaniline	13.77	65	76496	46.734	ng	94
49) Acenaphthylene	14.40	152	406280	46.263	ng	99
50) Dimethylphthalate	14.13	163	354720	46.068	ng	100
51) 2,6-Dinitrotoluene	14.26	165	80862	46.972	ng	98
52) Acenaphthene	14.74	154	234722	44.486	ng	98
53) 3-Nitroaniline	14.60	138	20604	11.798	ng	95
54) 2,4-Dinitrophenol	14.80	184	98241	94.409	ng	96
55) Dibenzofuran	15.07	168	408426	43.828	ng	100
56) 4-Nitrophenol	14.91	139	115130	91.624	ng	96
57) 2,4-Dinitrotoluene	15.05	165	117811	47.700	ng	95
58) Fluorene	15.72	166	338878	48.312	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	115106	53.568	ng	95
60) Diethylphthalate	15.48	149	372130	46.907	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	194432	43.998	ng	98
62) 4-Nitroaniline	15.77	138	78125	42.943	ng	97
63) Azobenzene	16.00	77	279338	45.025	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	77114	41.938	ng	97
66) n-Nitrosodiphenylamine	15.93	169	318419	43.277	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	136511	42.787	ng	97
68) Hexachlorobenzene	16.72	284	144567	41.526	ng	98
69) Atrazine	16.87	200	139511	44.634	ng	97
70) Pentachlorophenol	17.07	266	157197	73.584	ng	95
71) Phenanthrene	17.46	178	602739	45.944	ng	99
72) Anthracene	17.56	178	612742	47.239	ng	99
73) Carbazole	17.83	167	527618	41.205	ng	99
74) Di-n-butylphthalate	18.36	149	625274	43.894	ng	99
75) Fluoranthene	19.47	202	680215	41.825	ng	99
77) Benzidine	19.66	184	94620	15.469	ng	98
78) Pyrene	19.84	202	665392	52.208	ng	98
80) Butylbenzylphthalate	20.70	149	218133	45.000	ng	100
81) Benzo(a)anthracene	21.68	228	570770	46.884	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	76629	15.448	ng	97
83) Chrysene	21.75	228	534256	46.141	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	301978	44.866	ng	98
85) Di-n-octyl phthalate	22.76	149	524790	46.111	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	690877	49.935	ng	99
88) Benzo(b)fluoranthene	23.93	252	596845	49.128	ng	99
89) Benzo(k)fluoranthene	24.00	252	556575	46.336	ng	97
90) Benzo(a)pyrene	24.83	252	573829	48.867	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	572553	49.019	ng	99
92) Benzo(g,h,i)perylene	29.95	276	569904	49.286	ng	97

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

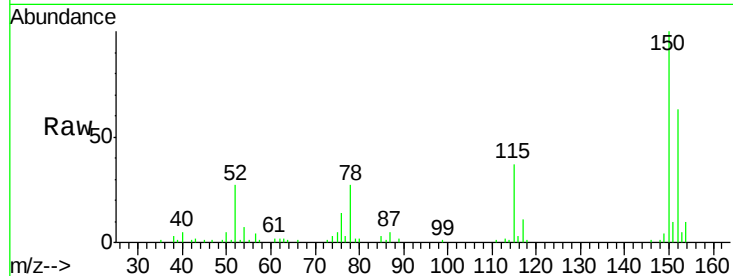


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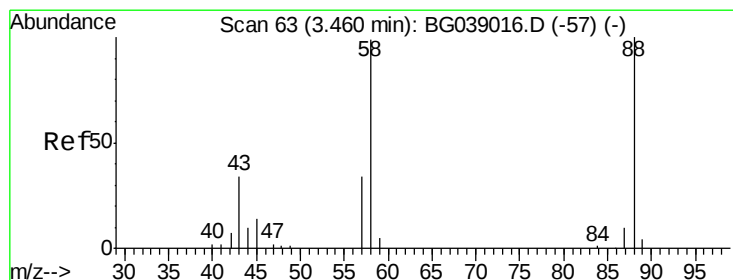
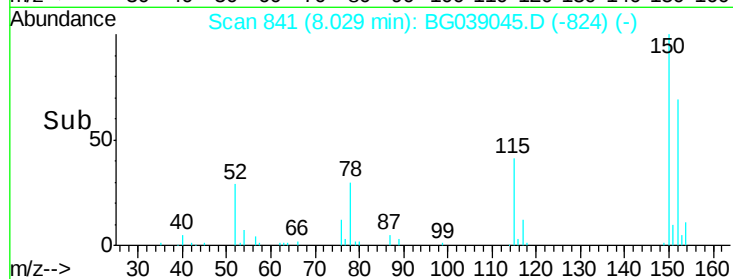
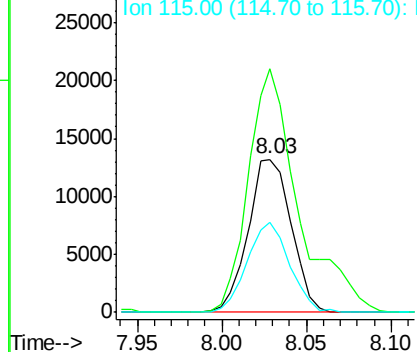
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

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

Tgt Ion:152 Resp: 23496
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 58.8 46.5 69.7



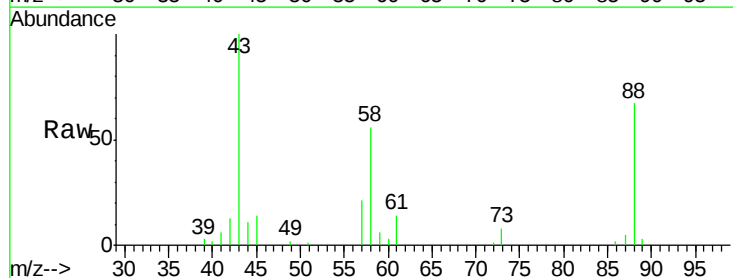
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



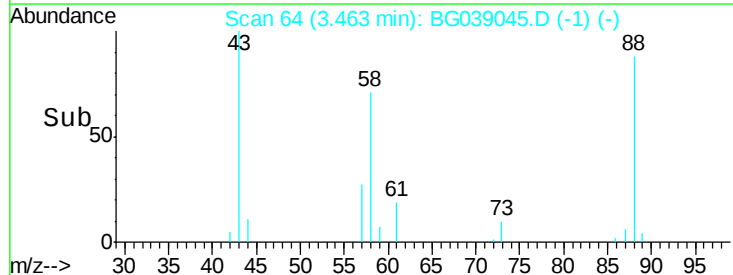
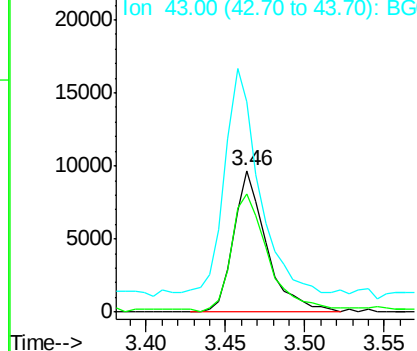
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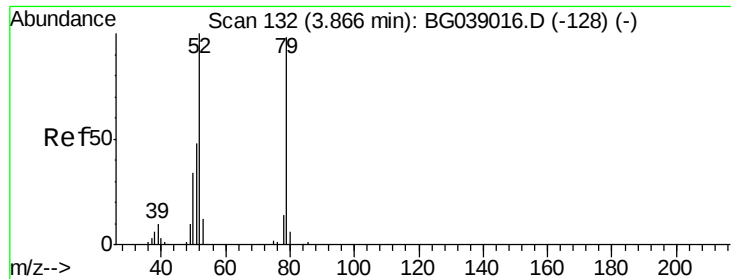
1,4-Dioxane
Concen: 28.742 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion: 88 Resp: 13941
Ion Ratio Lower Upper
88 100
58 96.2 72.4 108.6
43 174.8 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: 35.436 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

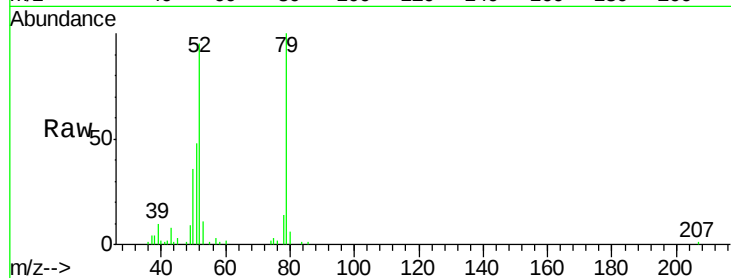
Tgt Ion: 79 Resp: 46703

Ion Ratio Lower Upper

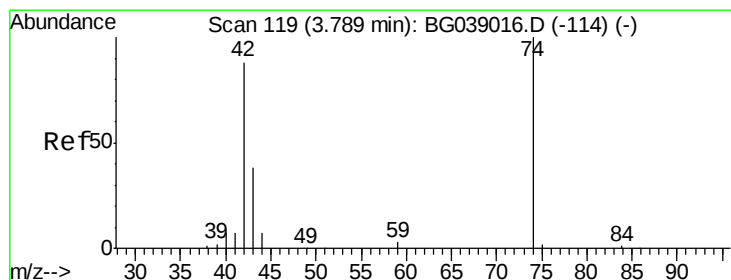
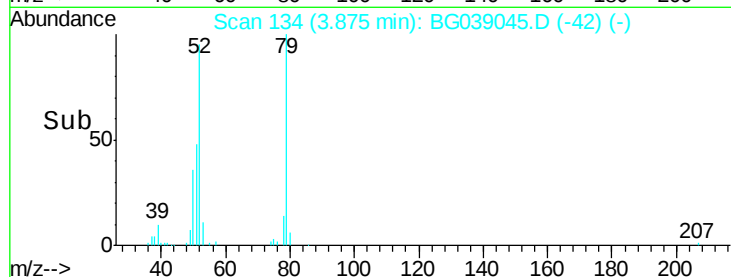
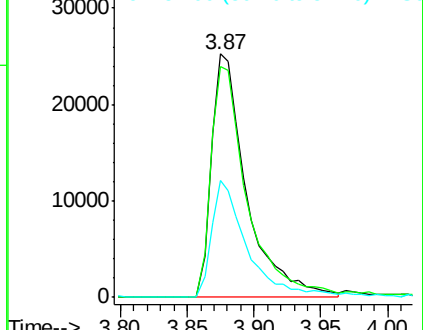
79 100

52 94.6 81.5 122.3

51 48.1 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 49.718 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

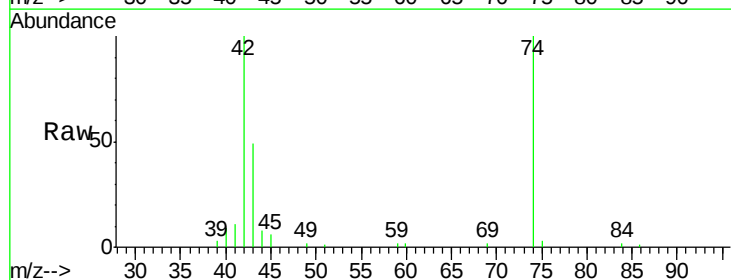
Tgt Ion: 42 Resp: 29486

Ion Ratio Lower Upper

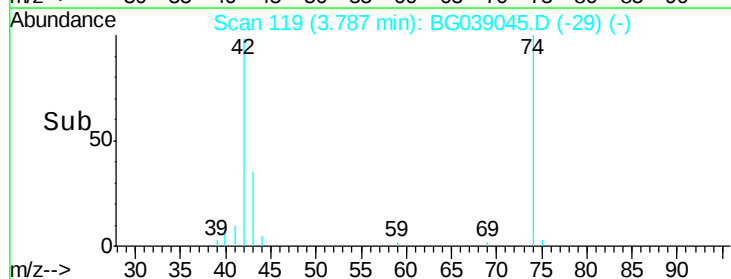
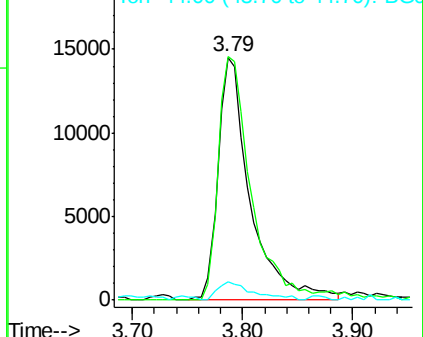
42 100

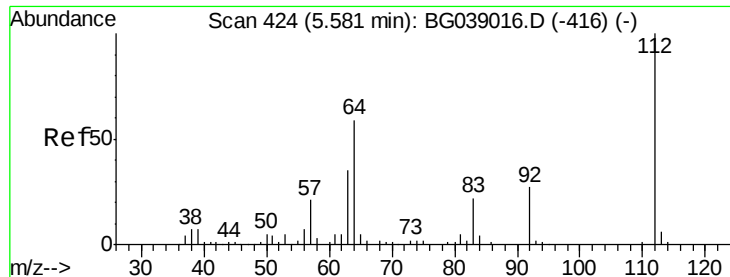
74 100.4 90.7 136.1

44 7.7 6.5 9.7



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





#5

2-Fluorophenol

Concen: 147.423 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

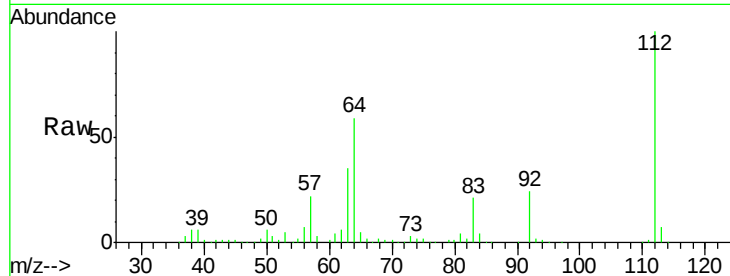
Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

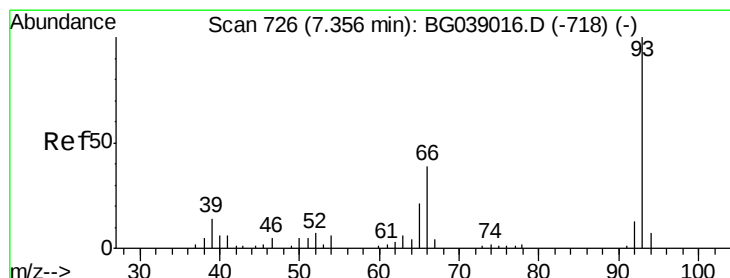
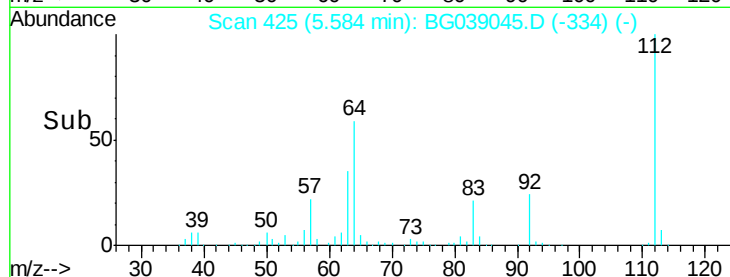
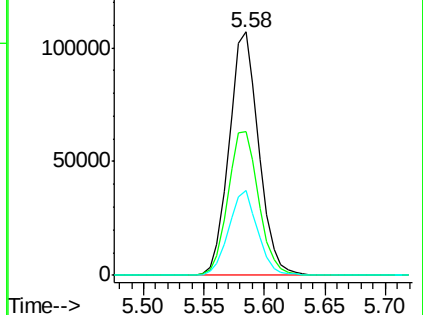
Tgt Ion:	112	Resp:	182598
Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.6
63	34.8	28.0	42.0



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: 22.732 ng

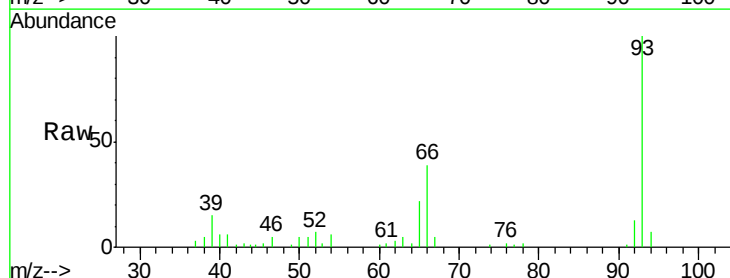
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

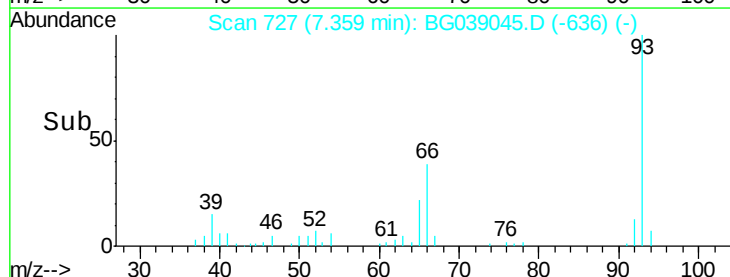
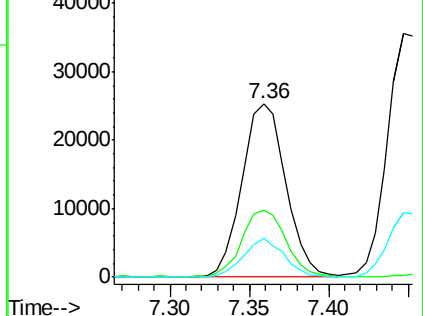
Tgt Ion:	93	Resp:	48664
Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.9	46.3
65	22.1	17.0	25.4

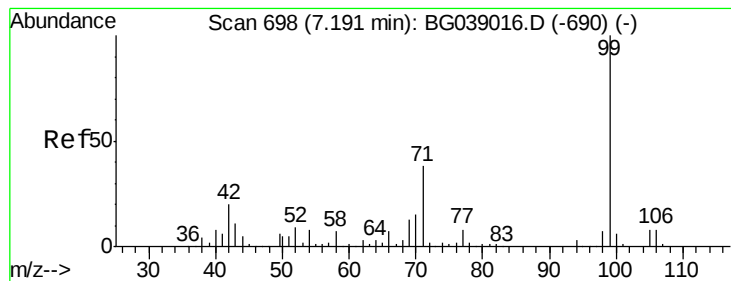


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.838 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

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ClientSampleId :

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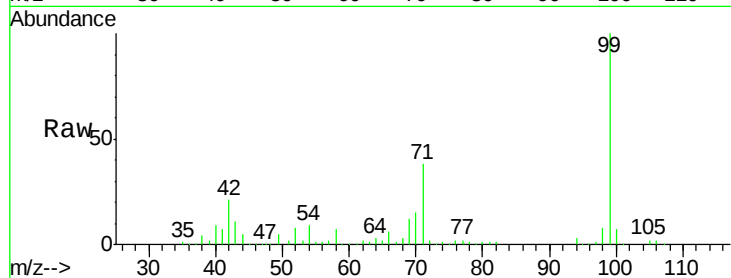
Tgt Ion: 99 Resp: 254609

Ion Ratio Lower Upper

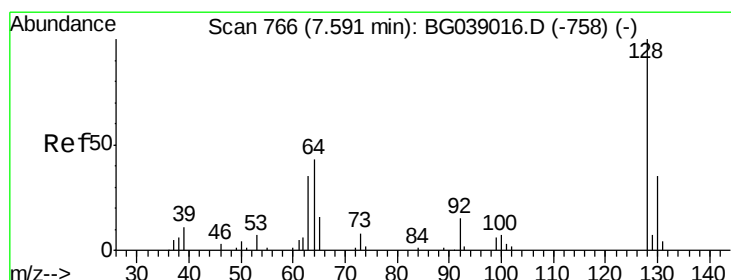
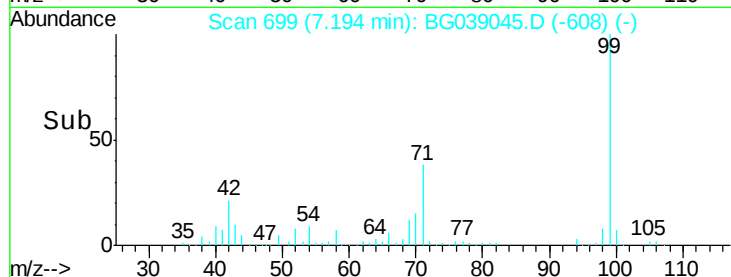
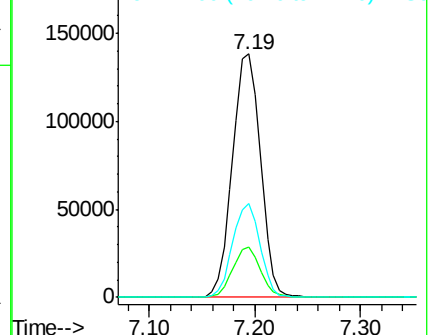
99 100

42 20.6 15.8 23.6

71 38.3 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: 51.480 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

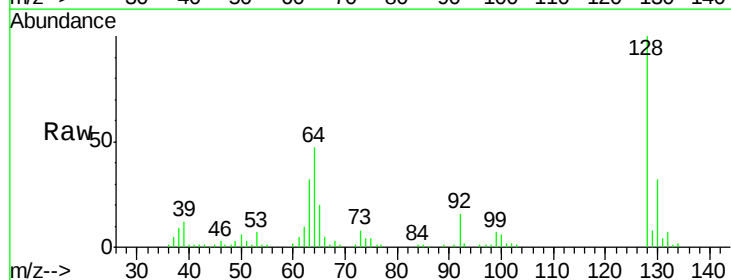
Tgt Ion: 128 Resp: 75164

Ion Ratio Lower Upper

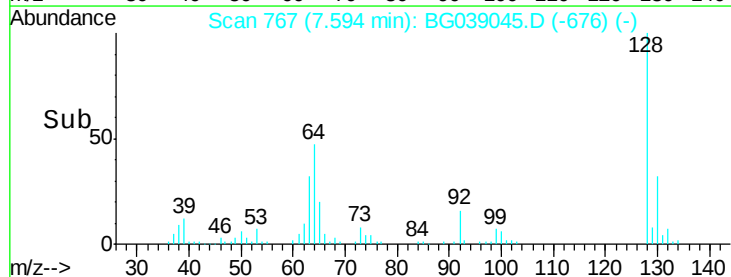
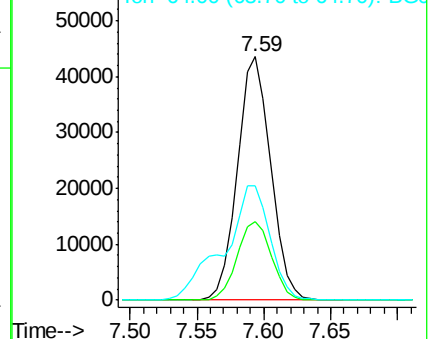
128 100

130 32.2 14.5 54.5

64 46.9 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: 23.865 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

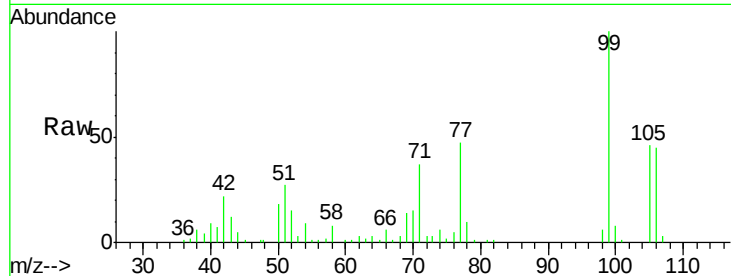
Tgt Ion: 77 Resp: 24532

Ion Ratio Lower Upper

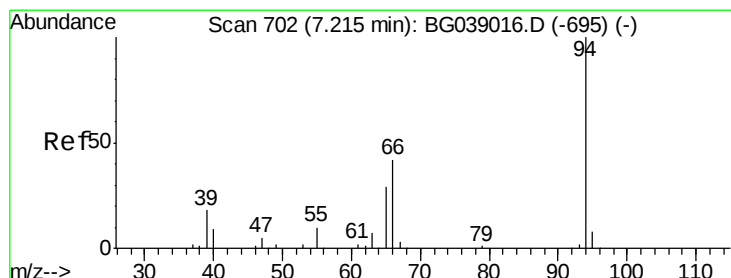
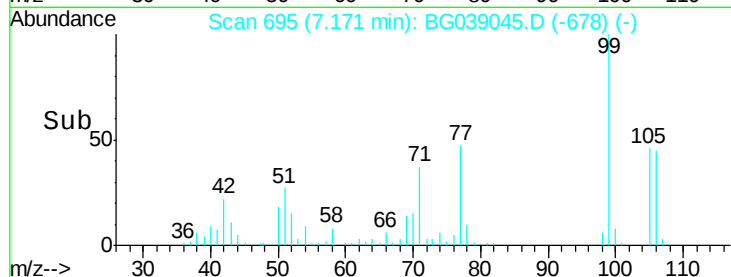
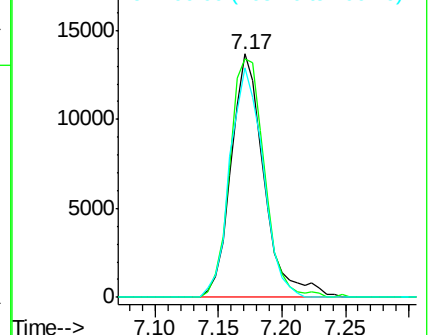
77 100

105 98.0 82.4 122.4

106 94.4 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: 48.488 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

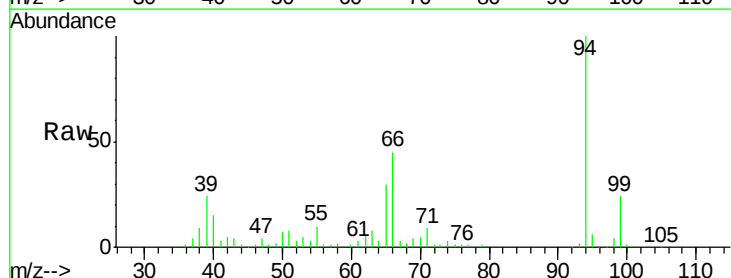
Tgt Ion: 94 Resp: 86653

Ion Ratio Lower Upper

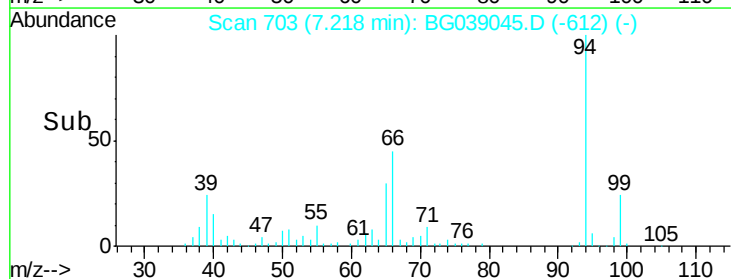
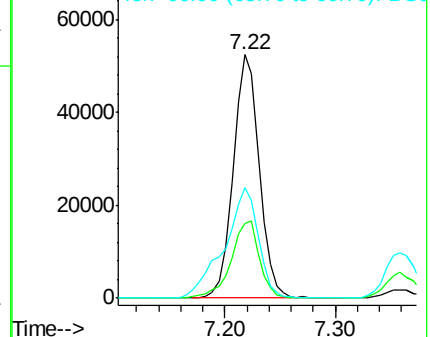
94 100

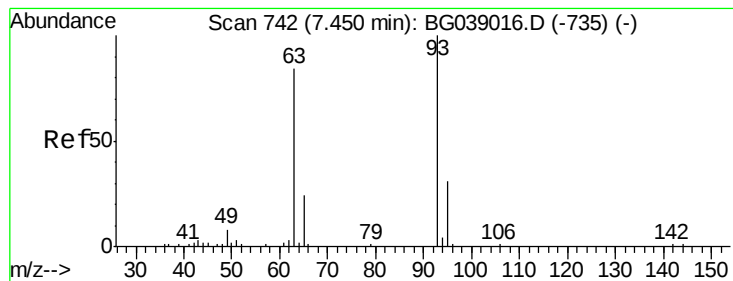
65 30.4 10.3 50.3

66 45.1 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

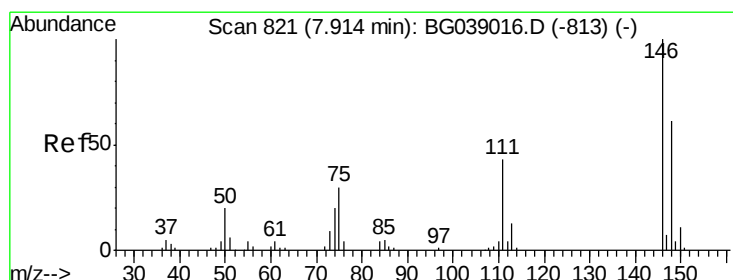
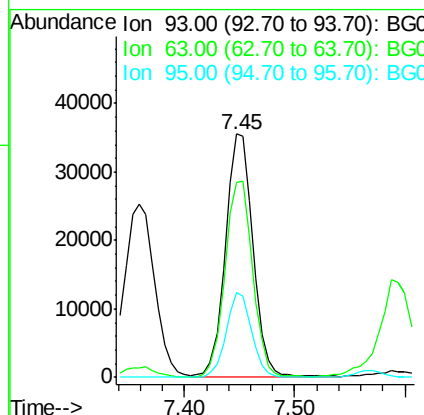
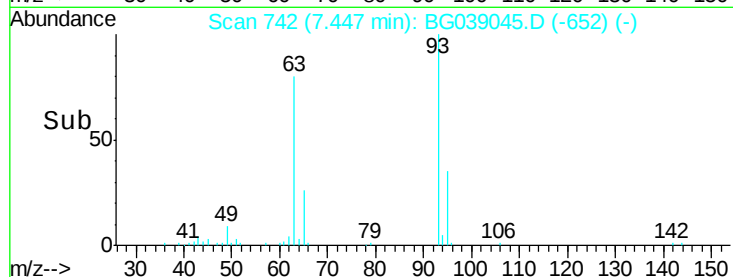
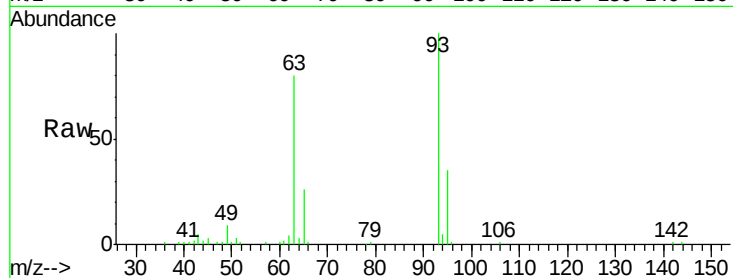




#11
 bis(2-Chloroethyl)ether
 Concen: 45.625 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

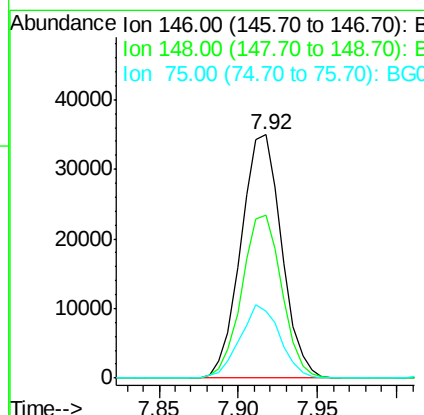
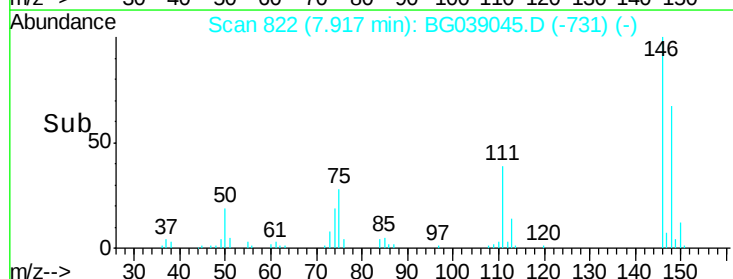
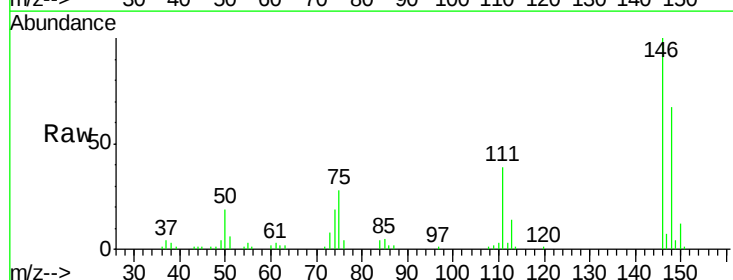
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

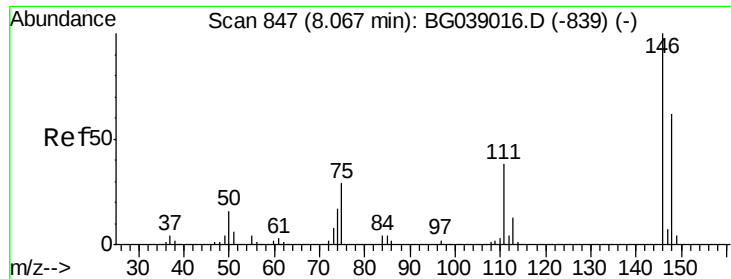
Tgt Ion: 93 Resp: 62318
 Ion Ratio Lower Upper
 93 100
 63 80.1 63.2 103.2
 95 35.1 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 35.608 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion: 146 Resp: 62289
 Ion Ratio Lower Upper
 146 100
 148 67.1 49.1 73.7
 75 27.8 23.9 35.9

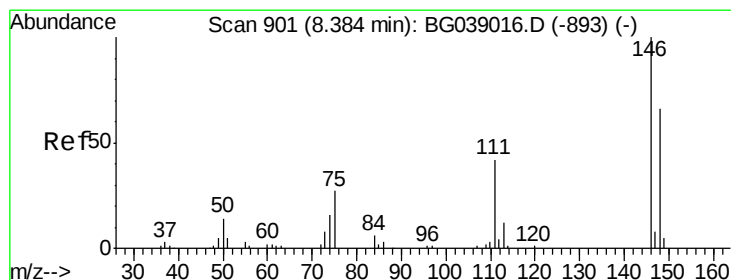
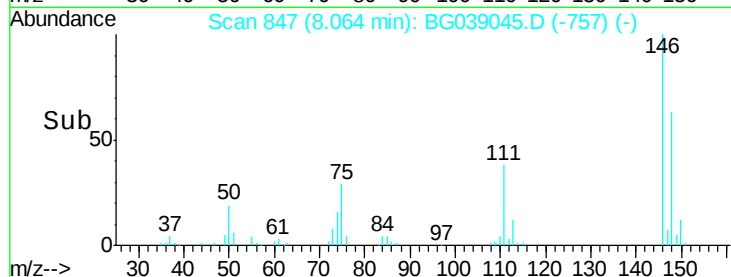
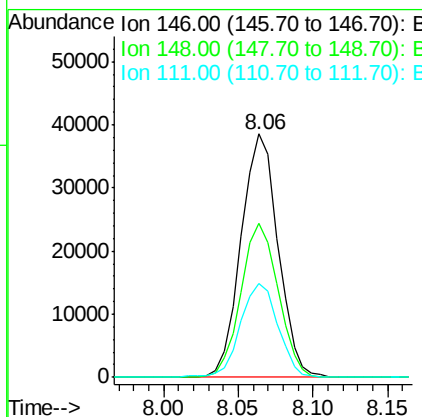
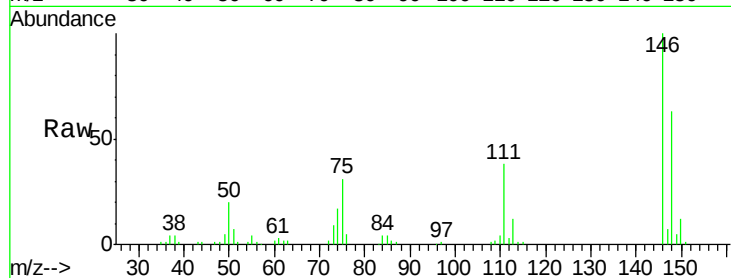




#13
 1,4-Dichlorobenzene
 Concen: 37.281 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

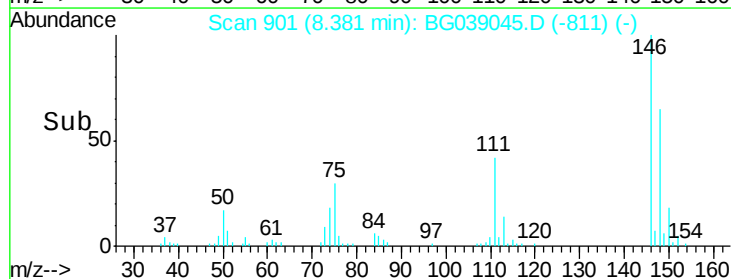
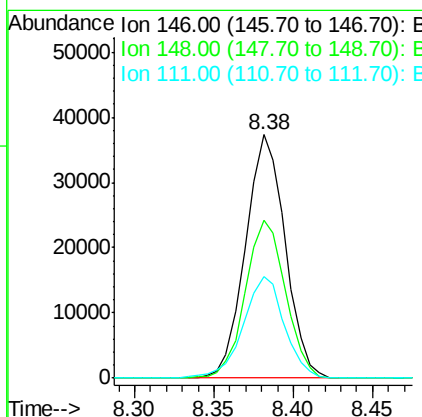
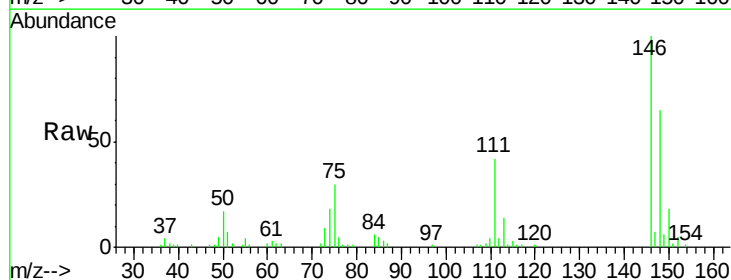
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

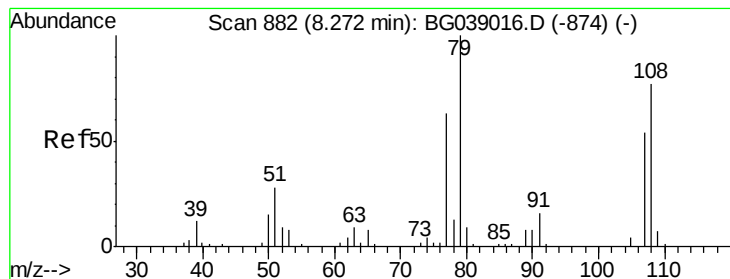
Tgt Ion:146 Resp: 66049
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.8 74.6
 111 38.4 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 38.316 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion:146 Resp: 64723
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 79.0
 111 41.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 55.393 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

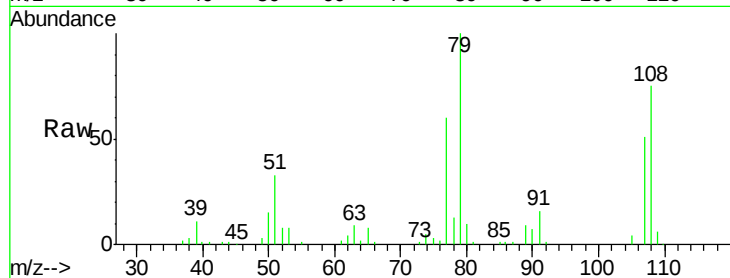
Tgt Ion: 79 Resp: 74358

Ion Ratio Lower Upper

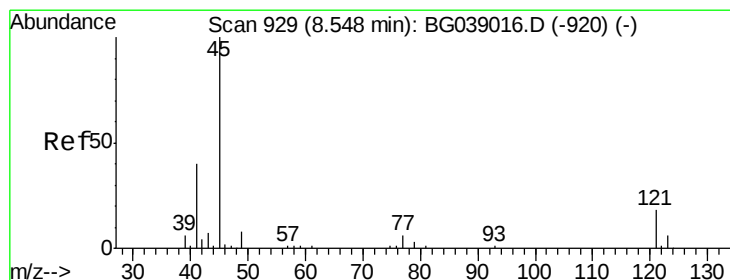
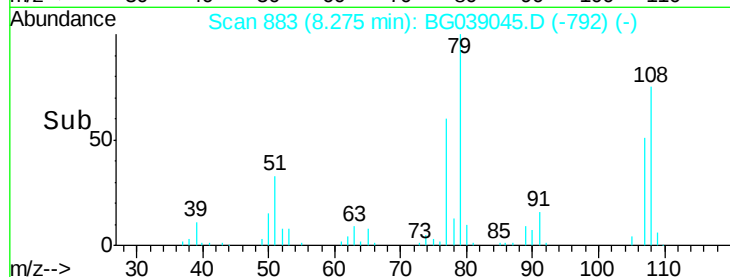
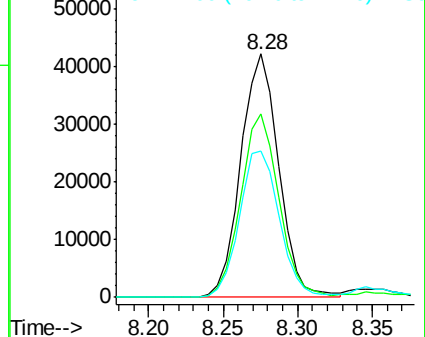
79 100

108 75.4 62.0 93.0

77 60.3 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: 45.028 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

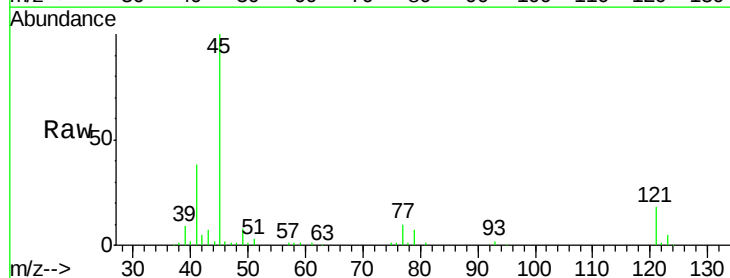
Tgt Ion: 45 Resp: 117932

Ion Ratio Lower Upper

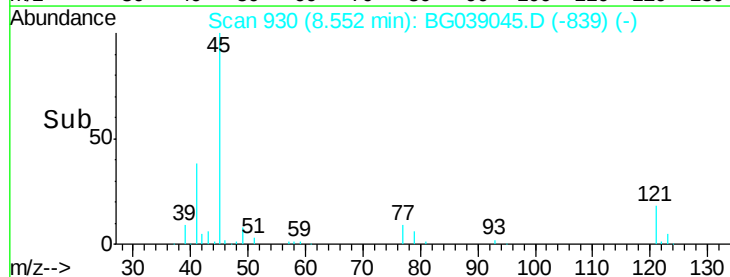
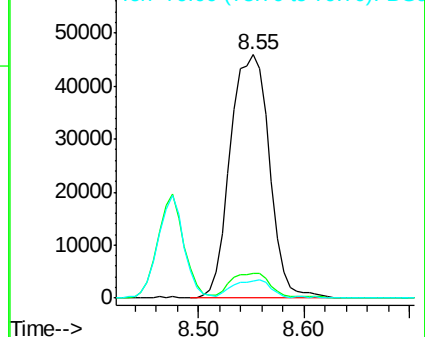
45 100

77 10.1 0.0 30.7

79 7.3 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

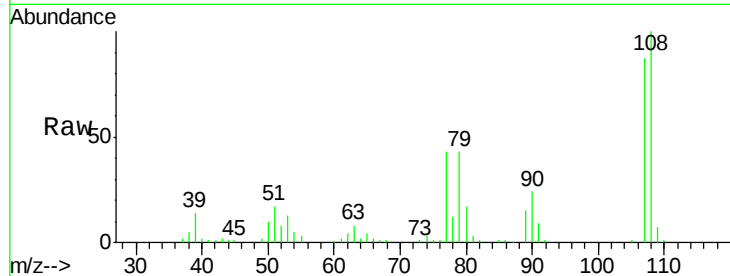




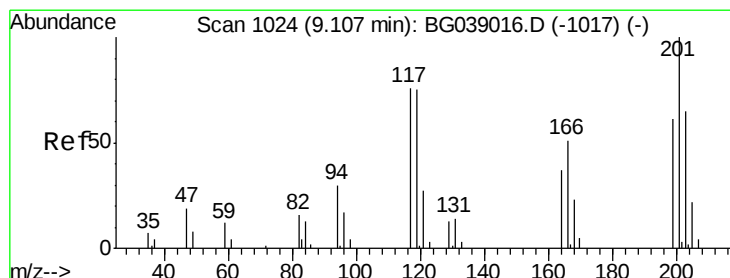
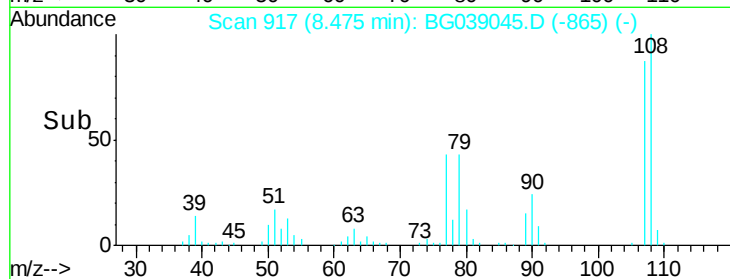
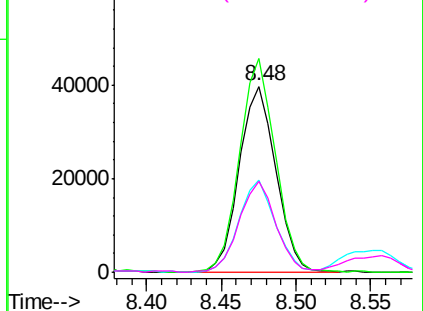
#17
2-Methylphenol
Concen: 54.432 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

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

Tgt Ion:107 Resp: 67545
Ion Ratio Lower Upper
107 100
108 114.7 90.3 135.5
77 49.2 38.3 57.5
79 48.9 35.8 53.6

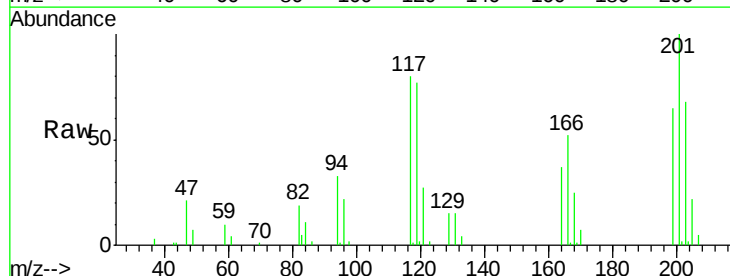


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

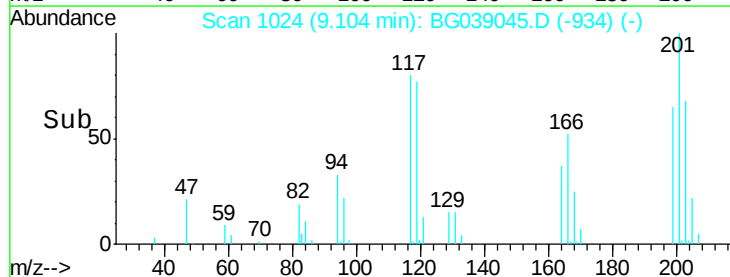
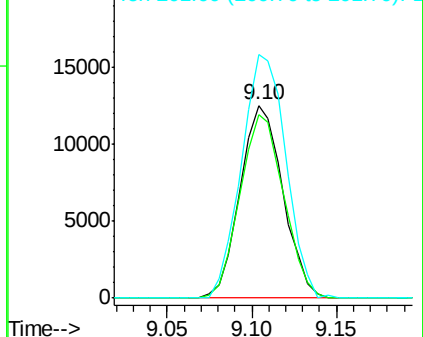


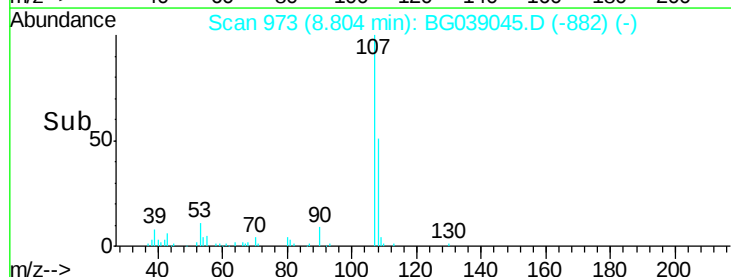
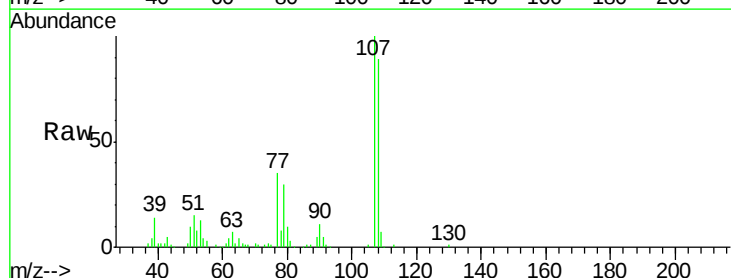
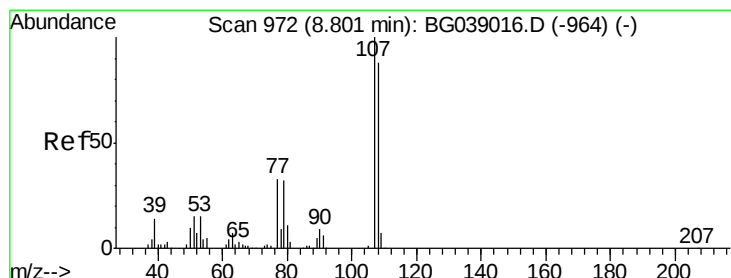
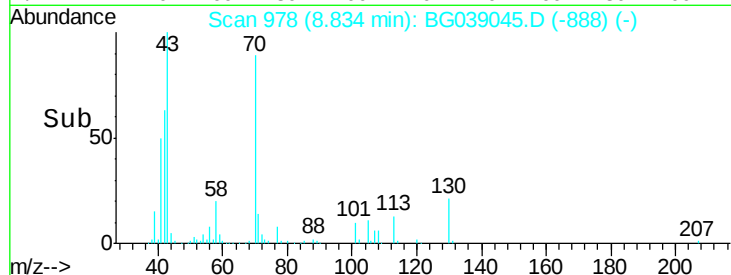
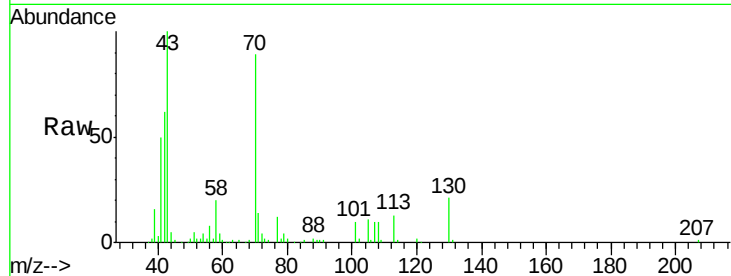
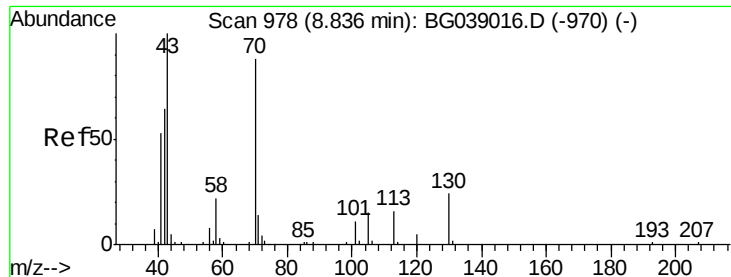
#18
Hexachloroethane
Concen: 36.676 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:117 Resp: 22075
Ion Ratio Lower Upper
117 100
119 95.3 78.7 118.1
201 126.5 108.1 162.1



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

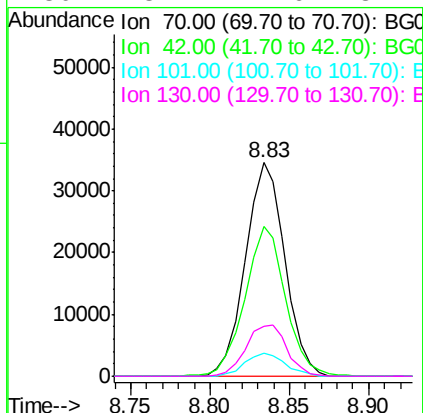




#19
n-Nitroso-di-n-propylamine
Concen: 50.785 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

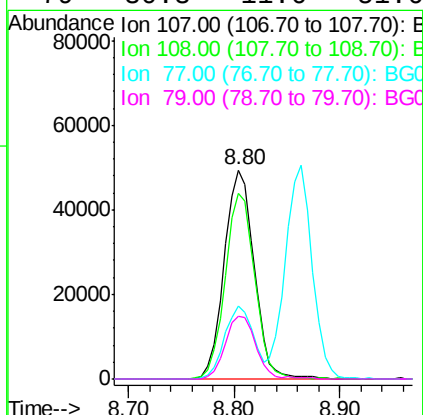
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

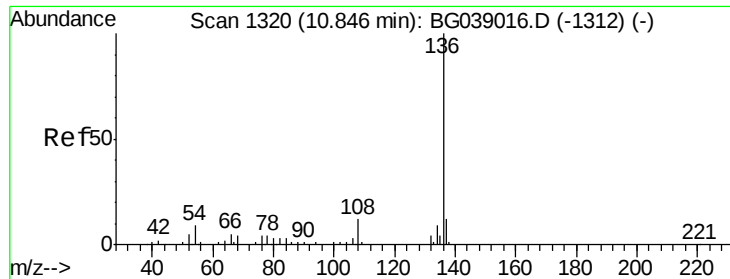
Tgt Ion:	70	Resp:	59445
Ion	Ratio	Lower	Upper
70	100		
42	70.4	59.0	88.4
101	10.8	10.4	15.6
130	23.4	21.6	32.4



#20
3+4-Methylphenols
Concen: 54.533 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:	107	Resp:	96482
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.4	108.4
77	34.9	13.3	53.3
79	30.3	11.6	51.6

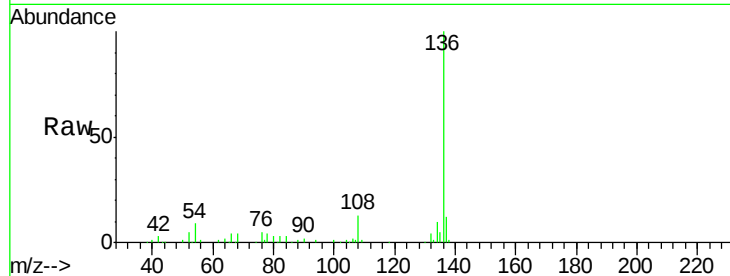




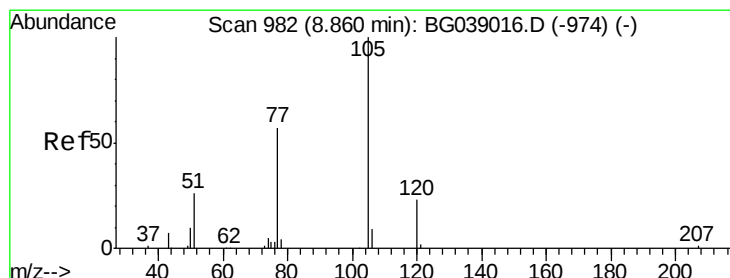
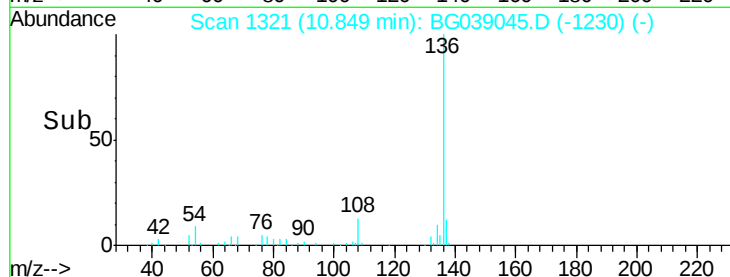
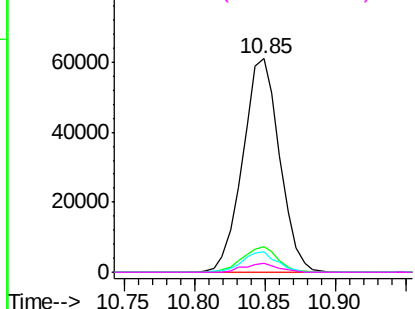
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

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

Tgt Ion:	136	Resp:	111331
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	9.5	7.2	10.8
68	4.3	3.5	5.3

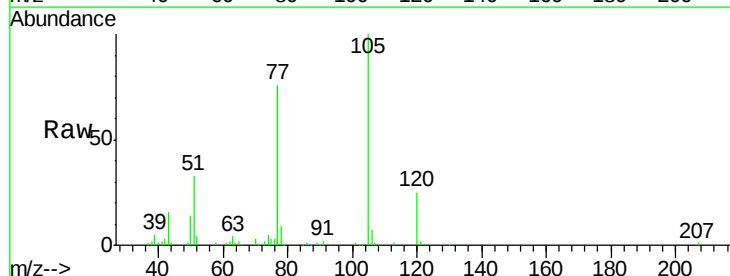


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

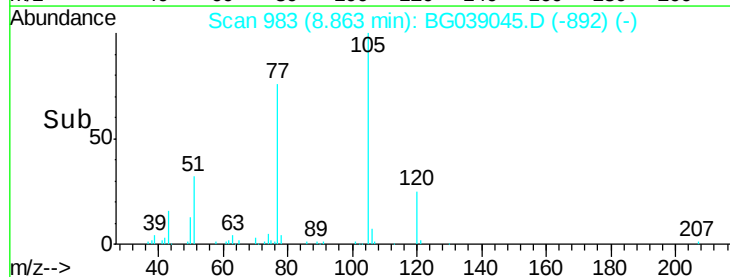
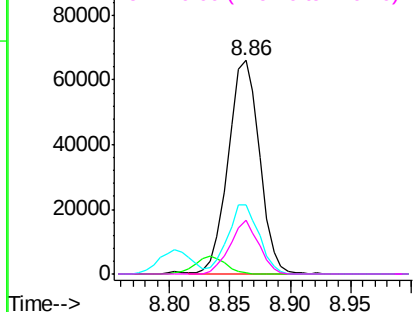


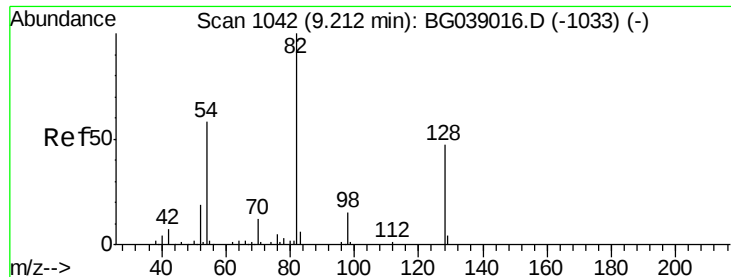
#22
Acetophenone
Concen: 41.195 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:	105	Resp:	119772
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	32.7	26.6	39.8
120	25.0	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

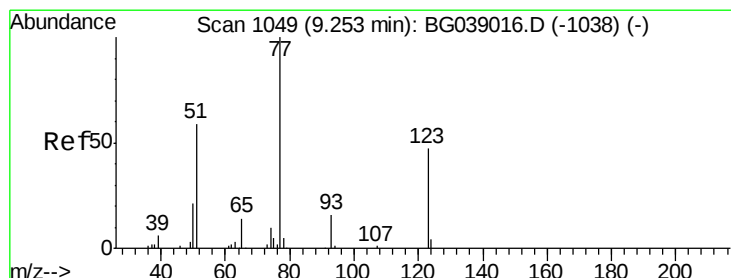
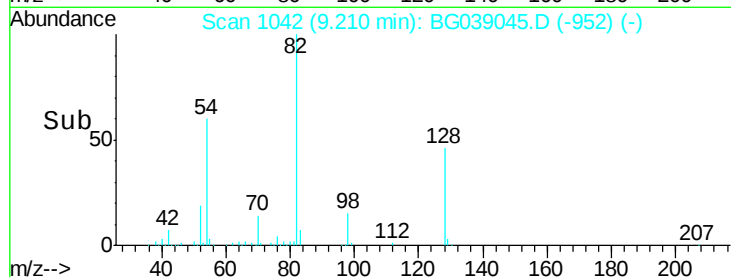
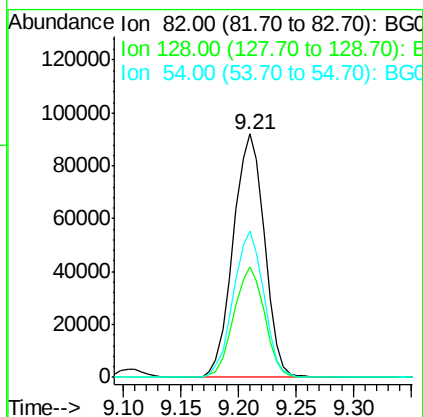
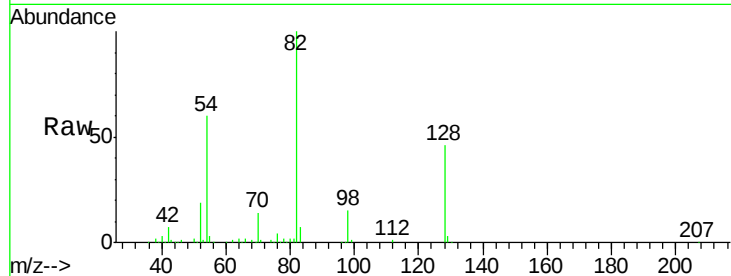




#23
 Nitrobenzene-d5
 Concen: 84.874 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

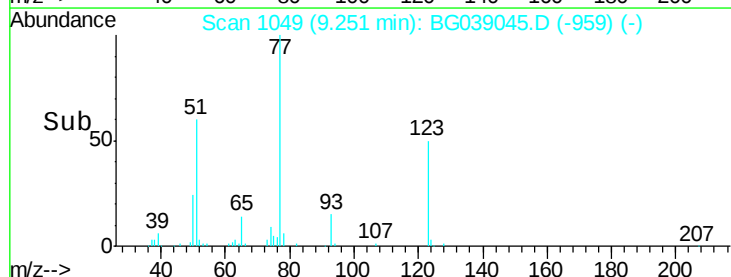
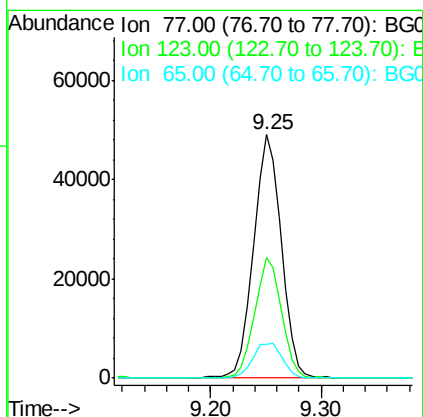
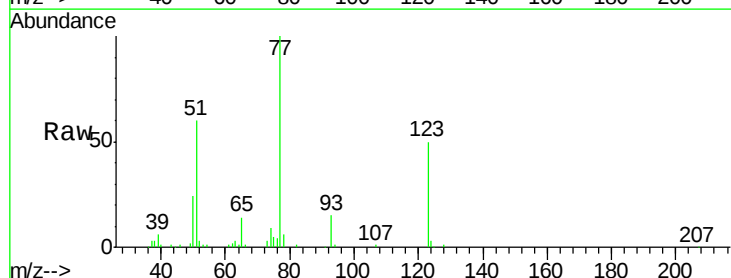
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

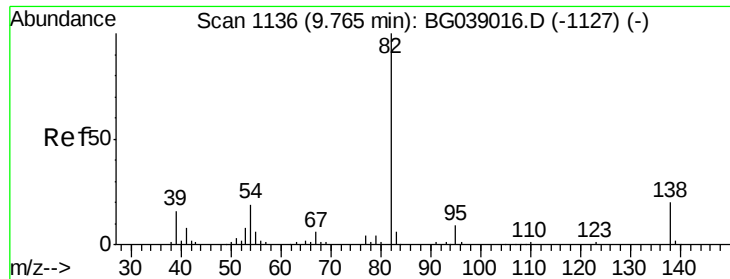
Tgt Ion: 82 Resp: 172682
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 60.2 46.4 69.6



#24
 Nitrobenzene
 Concen: 42.102 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion: 77 Resp: 86582
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.6 56.4
 65 13.6 11.0 16.6

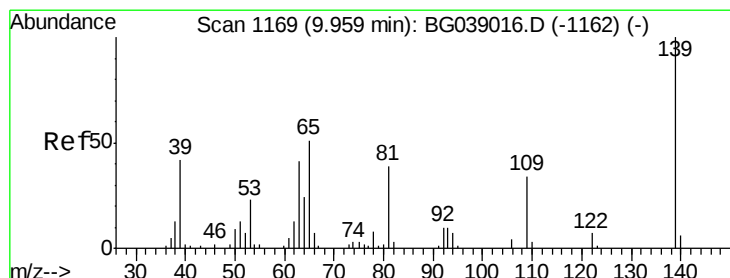
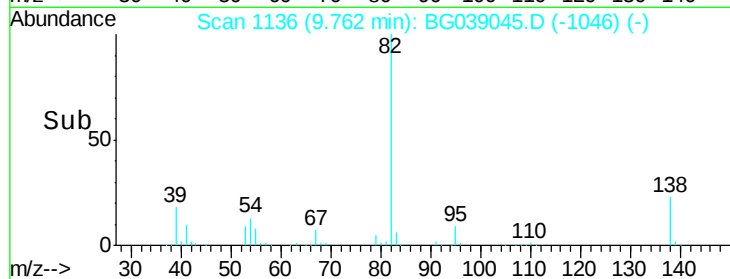
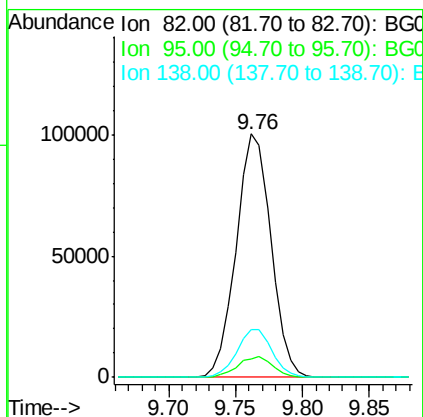
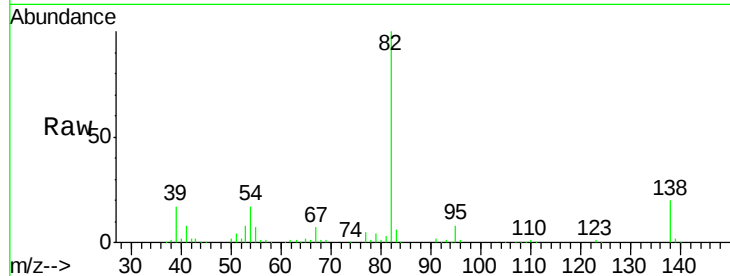




#25
Isophorone
Concen: 51.784 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

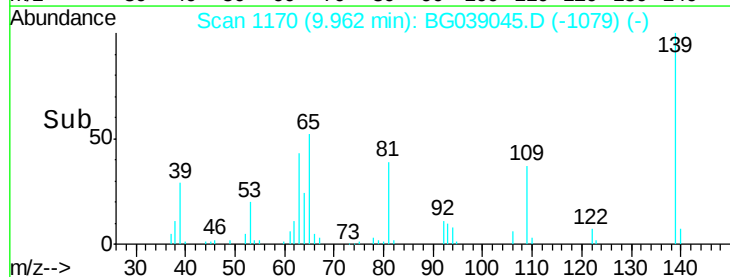
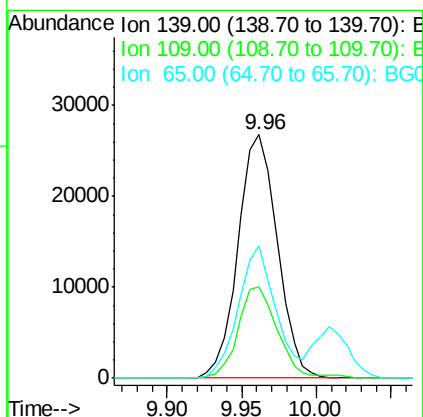
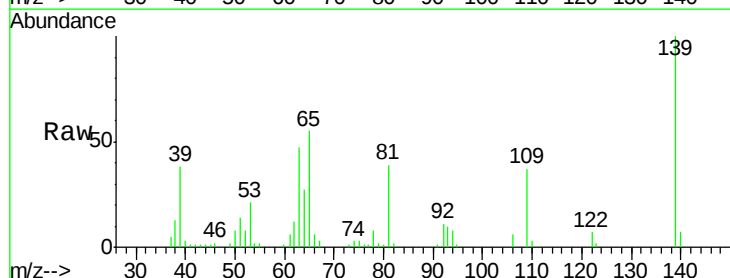
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

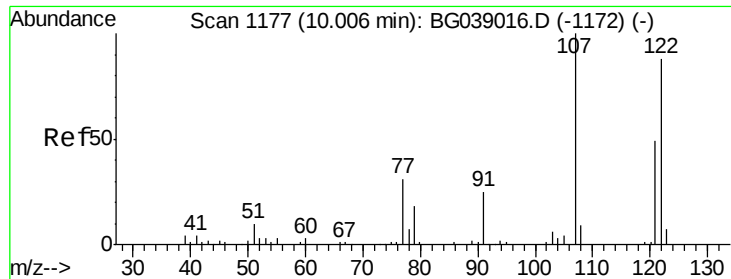
Tgt Ion: 82 Resp: 181485
Ion Ratio Lower Upper
82 100
95 7.6 7.0 10.6
138 19.8 16.2 24.4



#26
2-Nitrophenol
Concen: 44.044 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion: 139 Resp: 48992
Ion Ratio Lower Upper
139 100
109 37.5 27.3 40.9
65 54.5 40.6 61.0

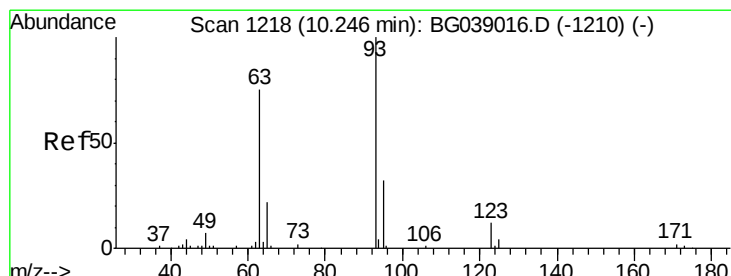
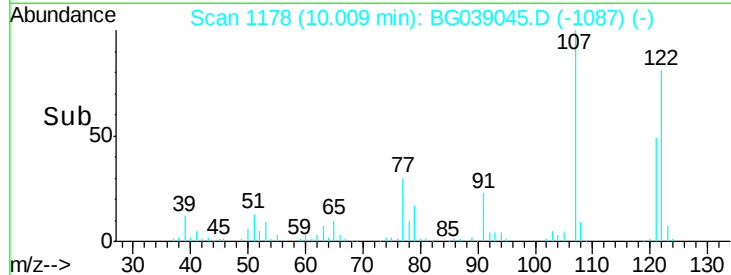
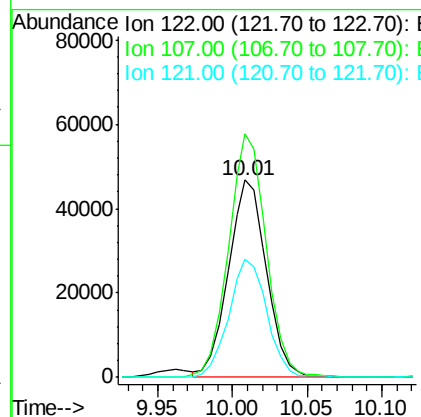
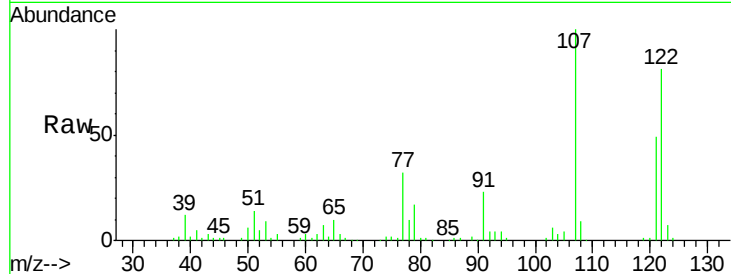




#27
 2,4-Dimethylphenol
 Concen: 53.149 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

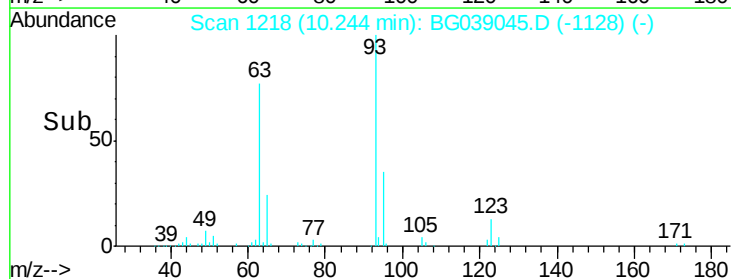
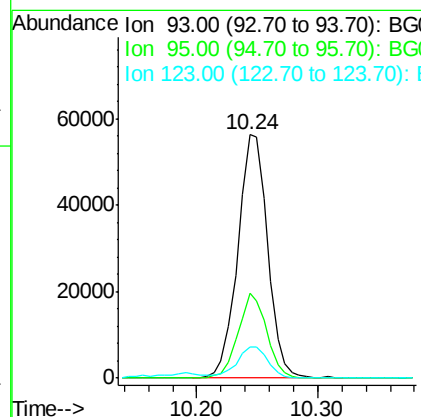
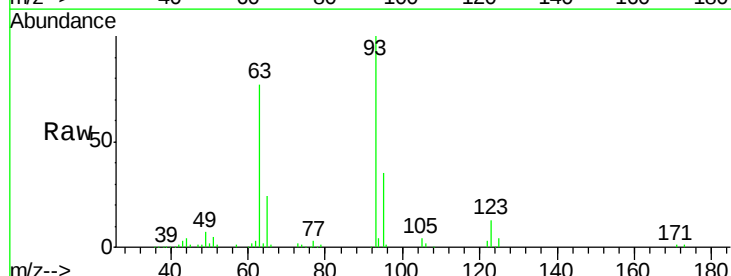
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

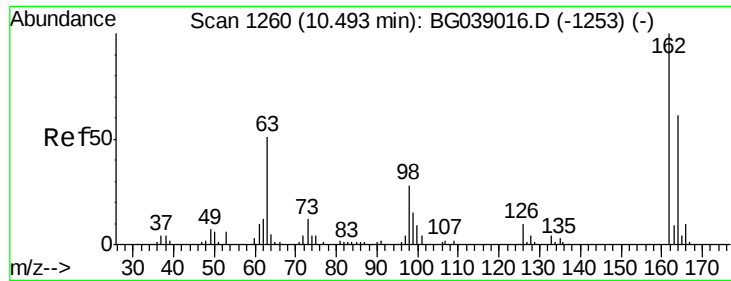
Tgt Ion:	122	Resp:	83175
Ion	Ratio	Lower	Upper
122	100		
107	123.5	88.8	133.2
121	60.1	43.1	64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.961 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion:	93	Resp:	96809
Ion	Ratio	Lower	Upper
93	100		
95	34.8	25.6	38.4
123	12.7	10.1	15.1

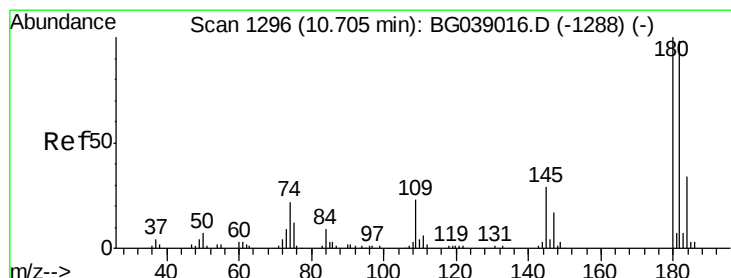
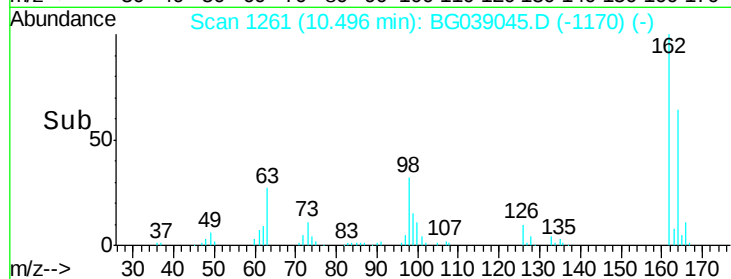
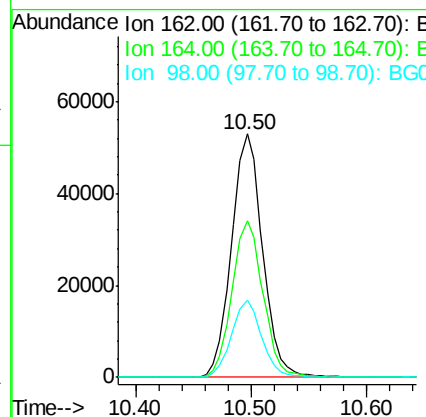
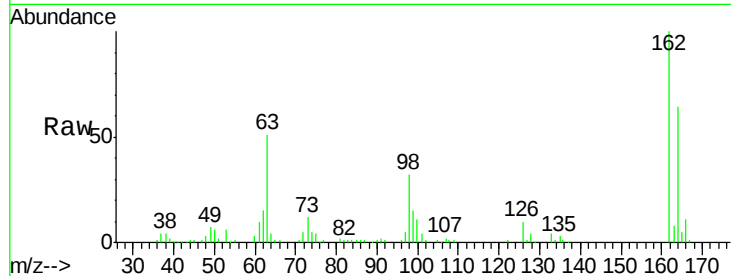




#29
 2,4-Dichlorophenol
 Concen: 50.753 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

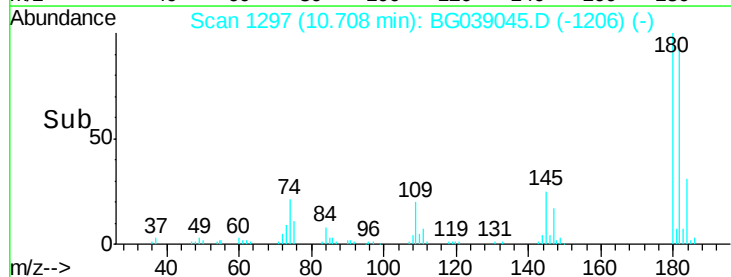
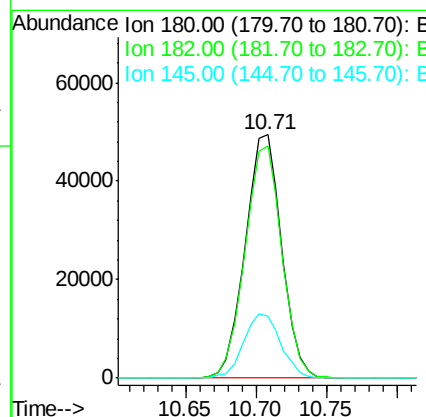
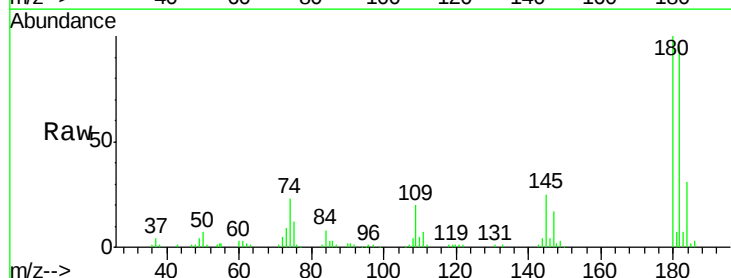
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

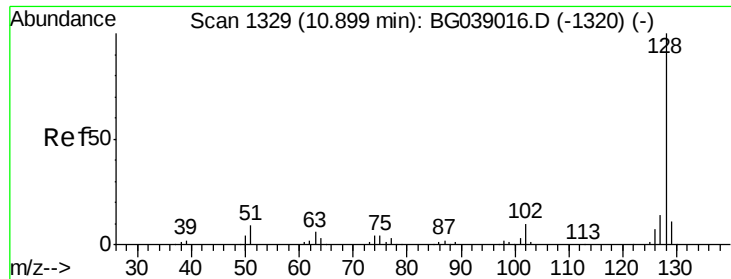
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	41.3	81.3
98	31.5	8.3	48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.211 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.1	117.1
145	25.4	23.1	34.7





#31

Naphthalene

Concen: 44.277 ng

RT: 10.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

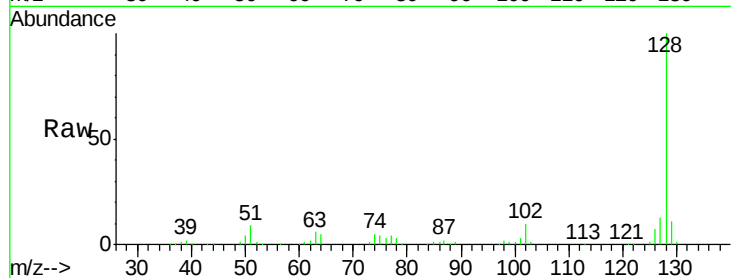
Tgt Ion:128 Resp: 247229

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

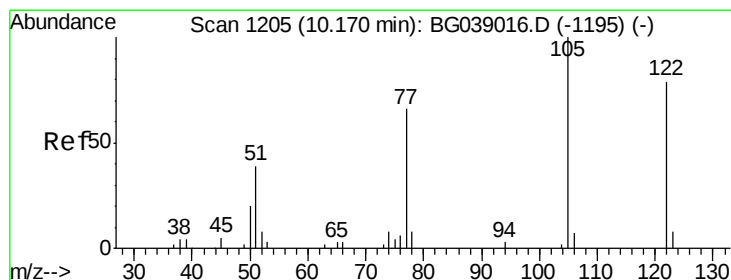
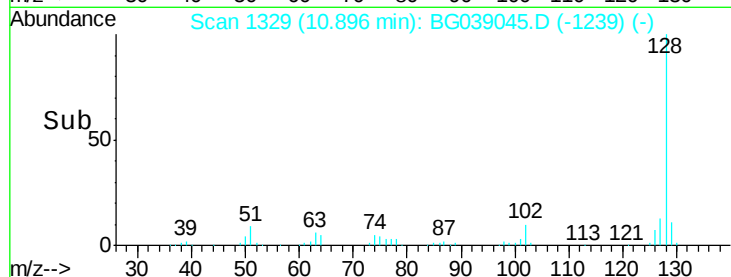
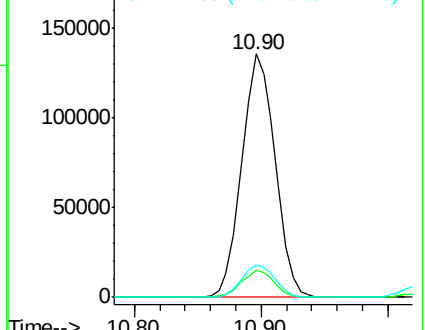
127 13.3 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.804 ng

RT: 10.20 min Scan# 1210

Delta R.T. 0.03 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

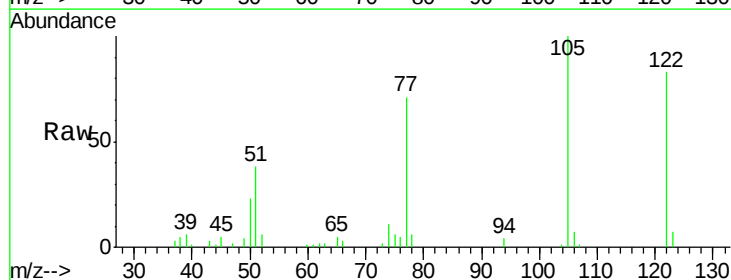
Tgt Ion:122 Resp: 49560

Ion Ratio Lower Upper

122 100

105 121.0 106.4 146.4

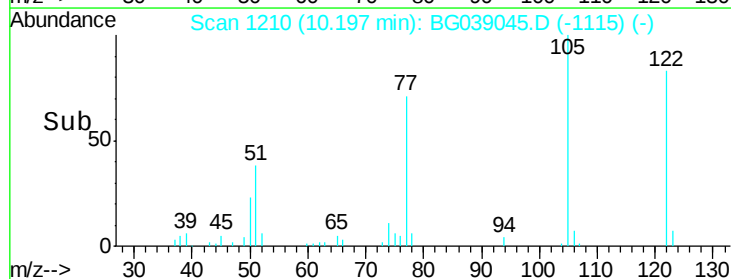
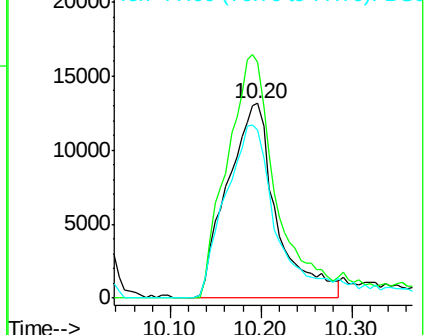
77 86.4 63.6 103.6

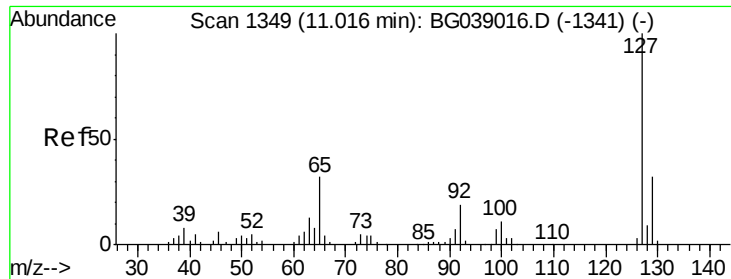


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

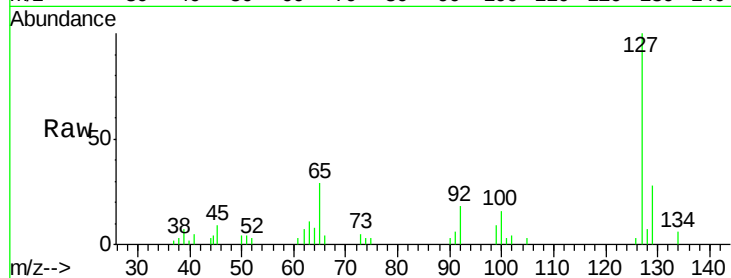




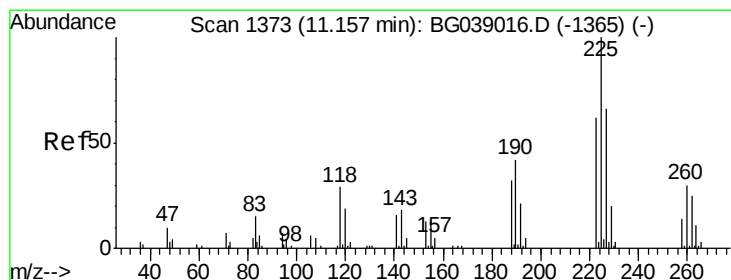
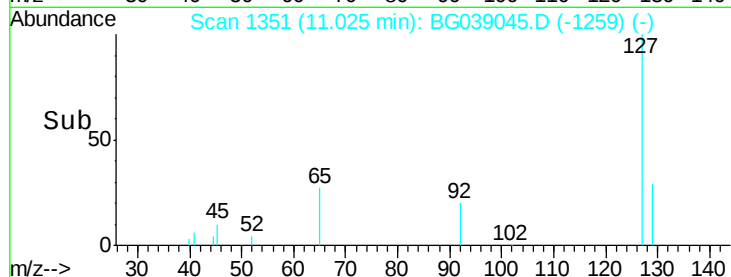
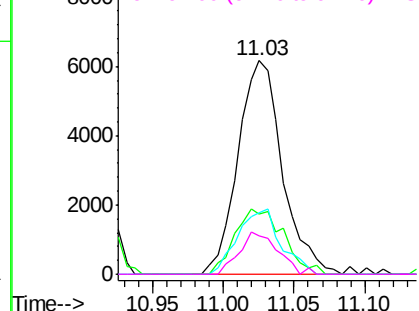
#33
4-Chloroaniline
Concen: 5.426 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

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

Tgt Ion:127 Resp: 13557
Ion Ratio Lower Upper
127 100
129 28.4 25.4 38.0
65 28.8 25.4 38.0
92 17.7 15.2 22.8

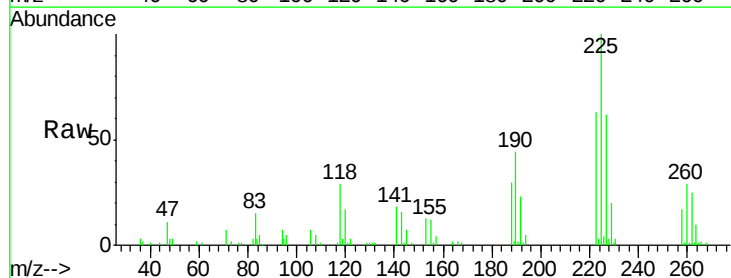


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

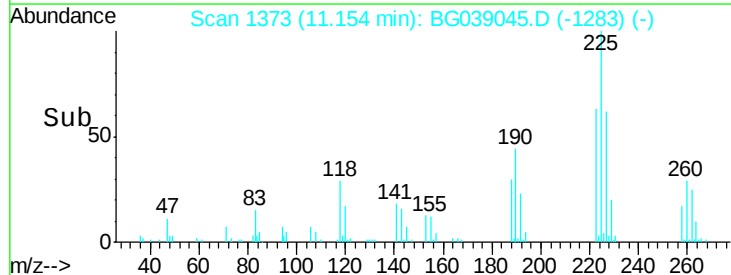
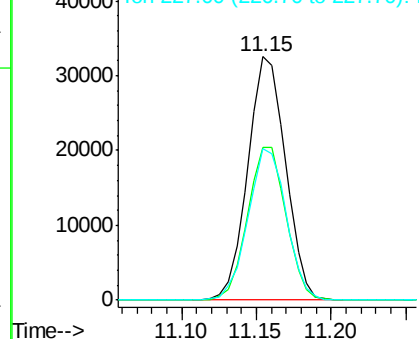


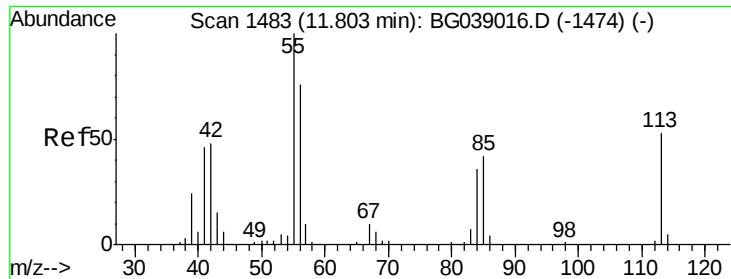
#34
Hexachlorobutadiene
Concen: 35.357 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:225 Resp: 56830
Ion Ratio Lower Upper
225 100
223 66.0 50.2 75.4
227 65.1 53.2 79.8



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





#35

Caprolactam

Concen: 21.121 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

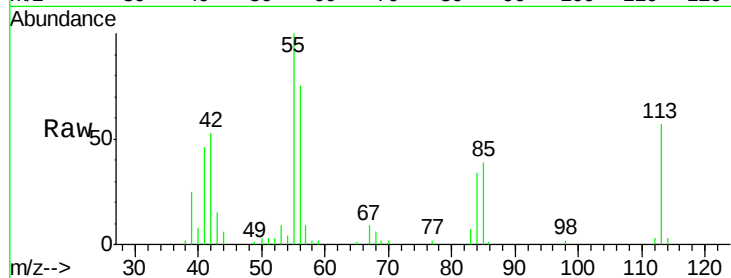
Tgt Ion:113 Resp: 16466

Ion Ratio Lower Upper

113 100

55 175.4 168.6 208.6

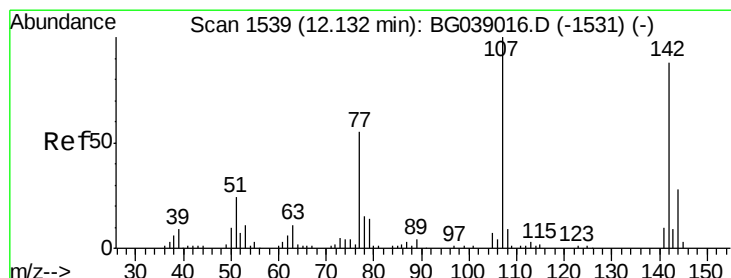
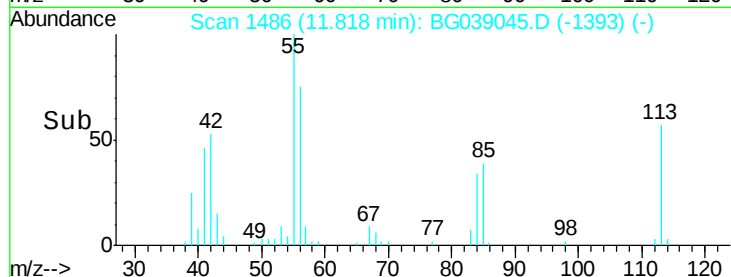
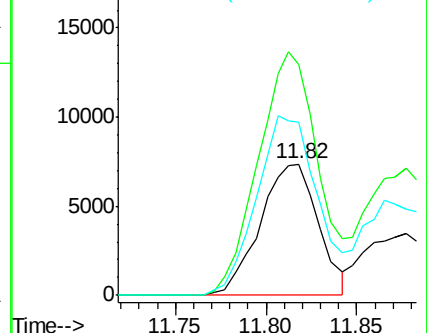
56 132.1 123.2 163.2



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: 52.554 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

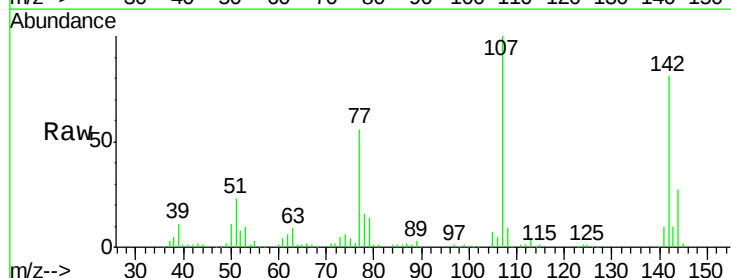
Tgt Ion:107 Resp: 109280

Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

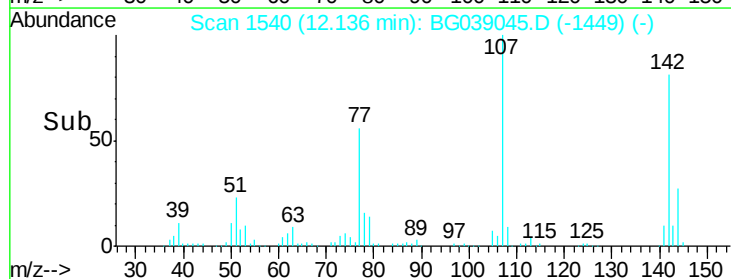
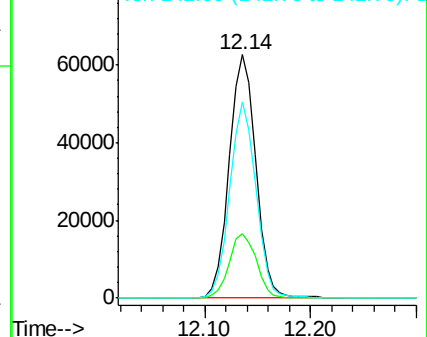
142 80.6 70.2 105.4

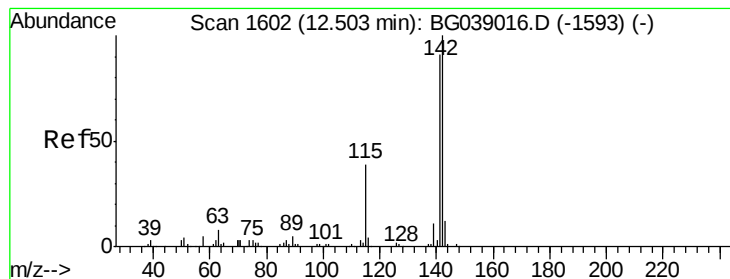


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.011 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

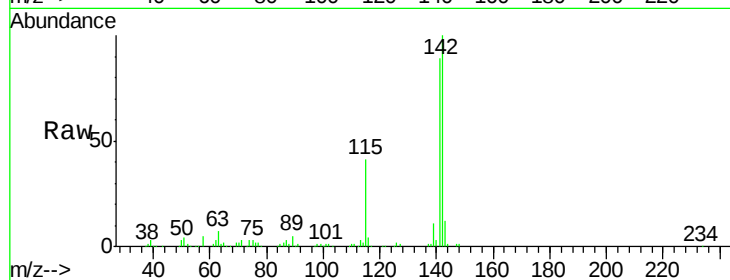
Tgt Ion:142 Resp: 205177

Ion Ratio Lower Upper

142 100

141 89.4 72.6 109.0

115 41.3 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

12.50

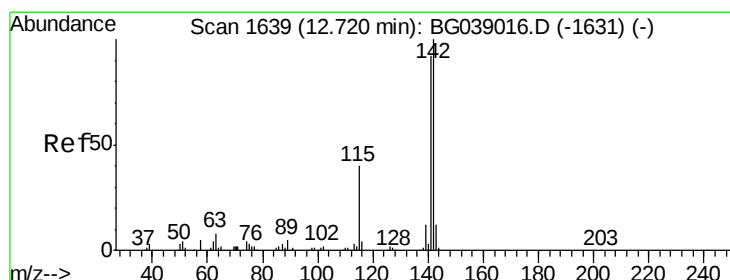
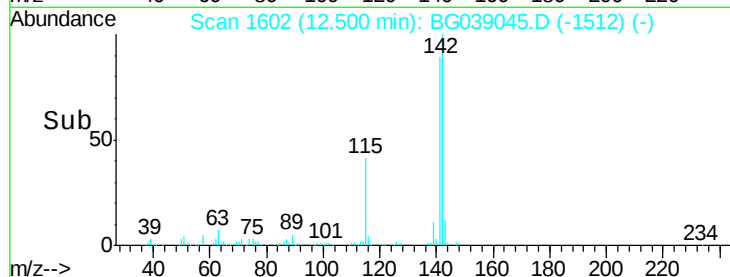
150000

100000

50000

0

Time--> 12.40 12.50 12.60



#38

1-Methylnaphthalene

Concen: 49.198 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

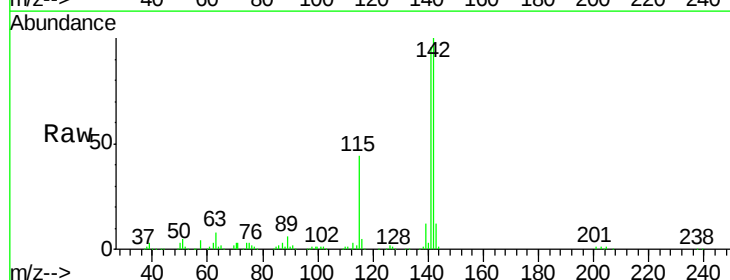
Tgt Ion:142 Resp: 197689

Ion Ratio Lower Upper

142 100

141 96.4 73.3 109.9

116 4.6 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

12.72

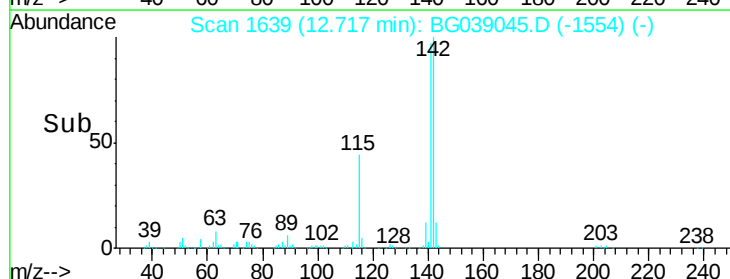
150000

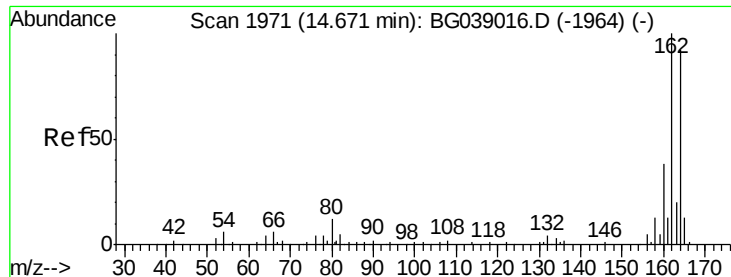
100000

50000

0

Time--> 12.65 12.70 12.75 12.80





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

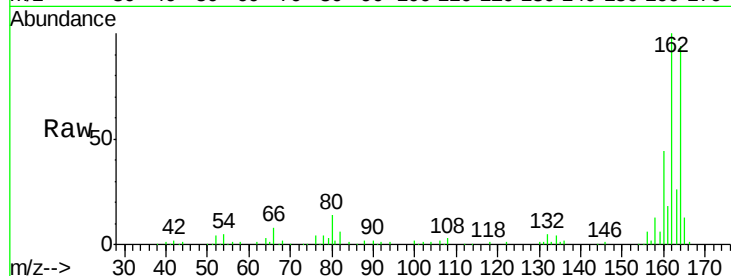
Tgt Ion:164 Resp: 91119

Ion Ratio Lower Upper

164 100

162 106.9 87.2 130.8

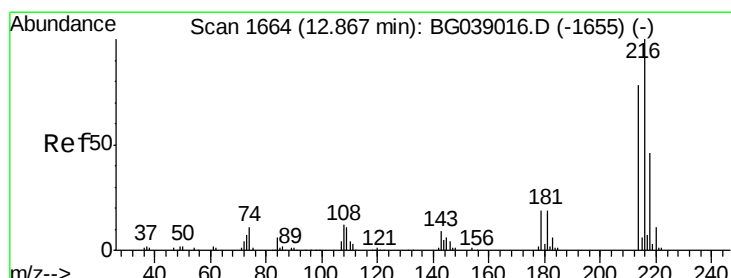
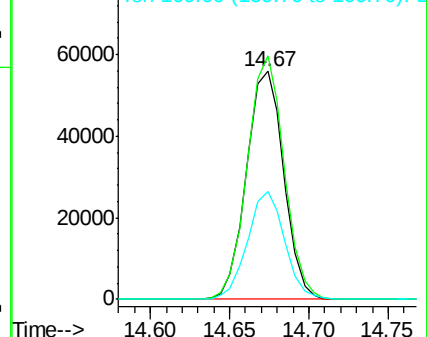
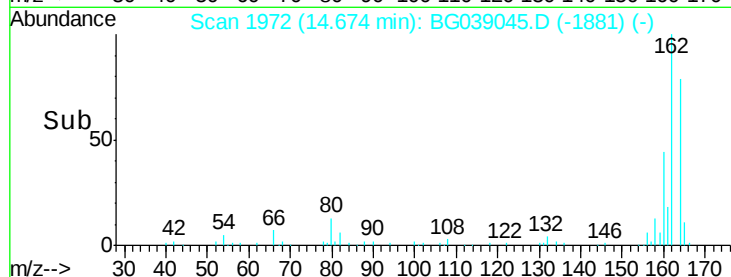
160 47.2 33.3 49.9



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: 38.971 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:216 Resp: 133362

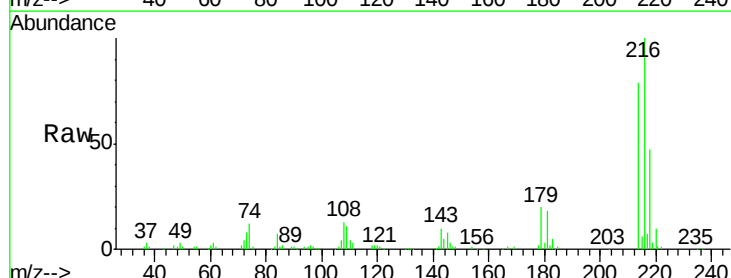
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.8 15.5 23.3

108 15.2 11.4 17.2

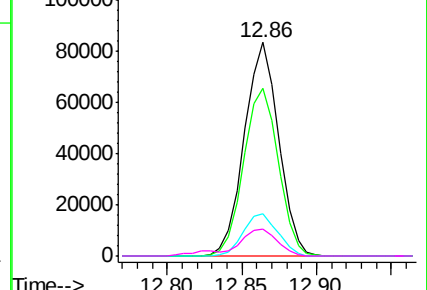
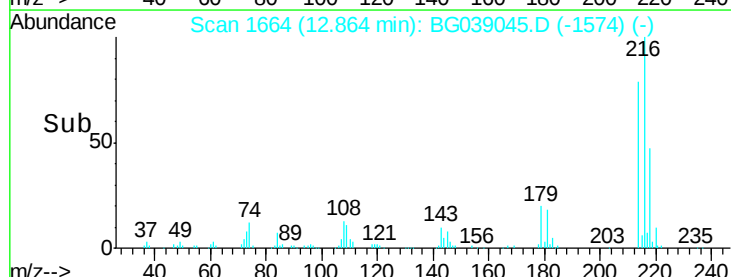


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.808 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

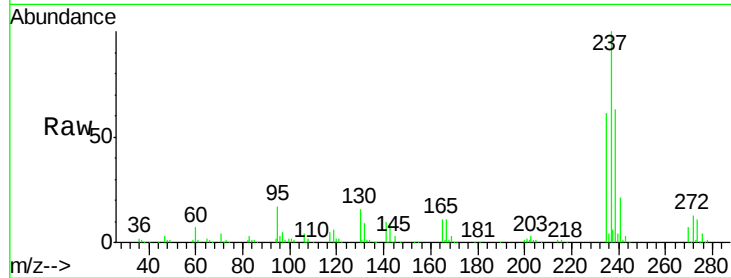
Tgt Ion: 237 Resp: 124720

Ion Ratio Lower Upper

237 100

235 60.8 41.7 81.7

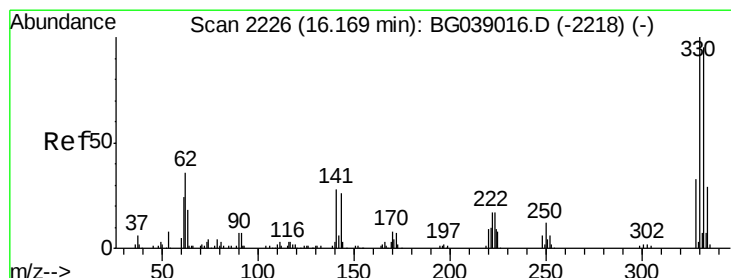
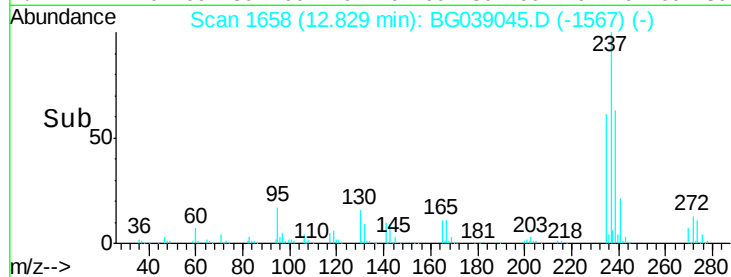
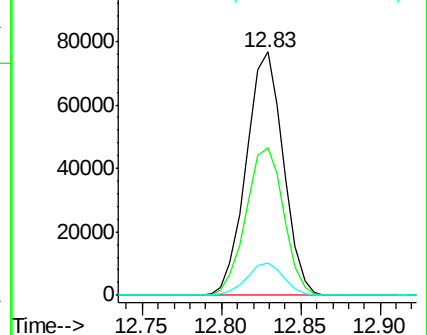
272 13.3 0.0 32.1



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: 149.074 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

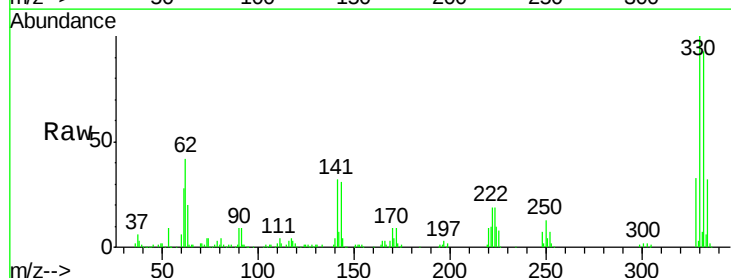
Tgt Ion: 330 Resp: 227697

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

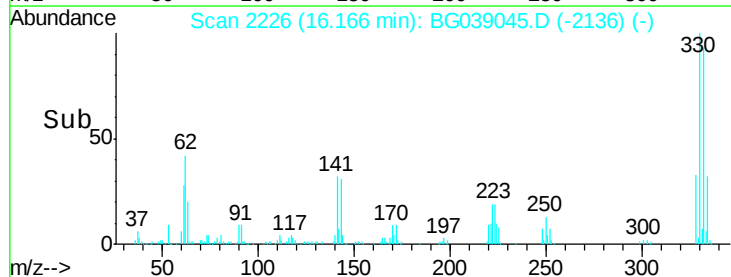
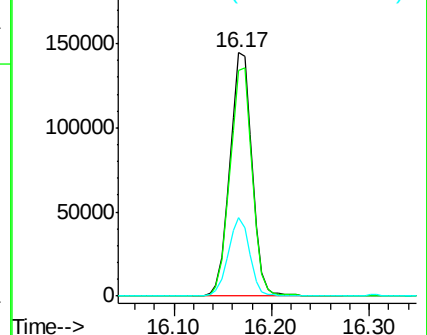
141 31.3 24.9 37.3

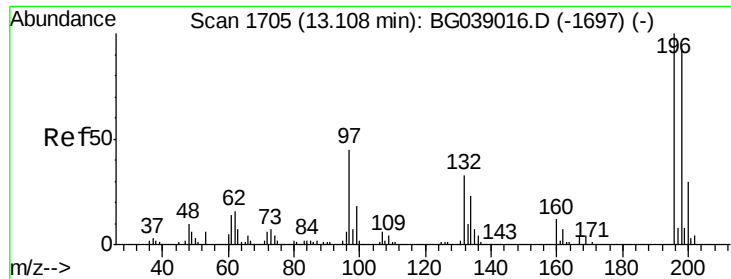


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

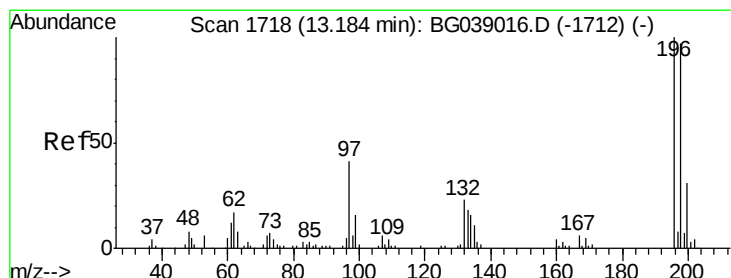
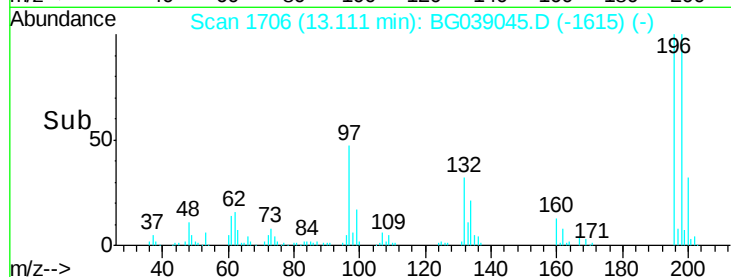
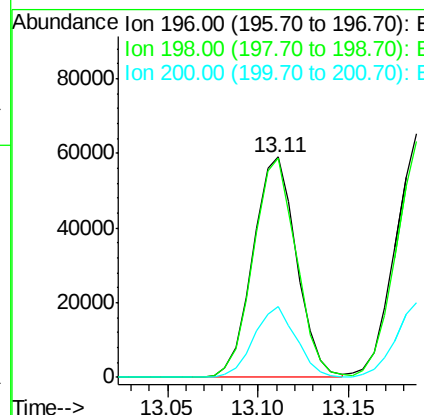
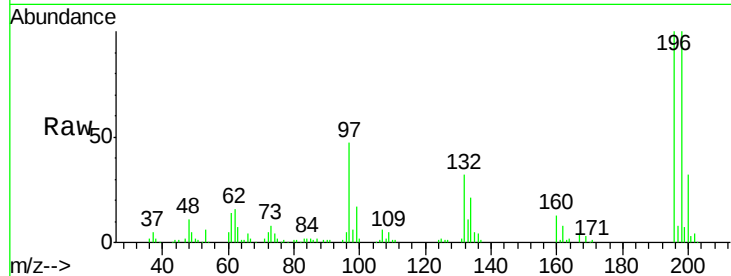




#43
 2,4,6-Trichlorophenol
 Concen: 45.640 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

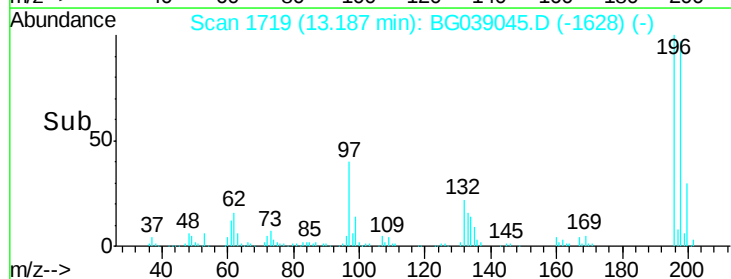
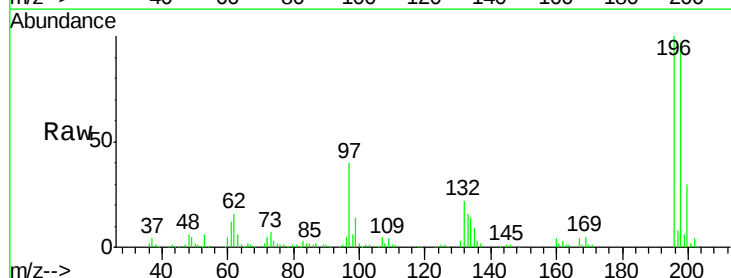
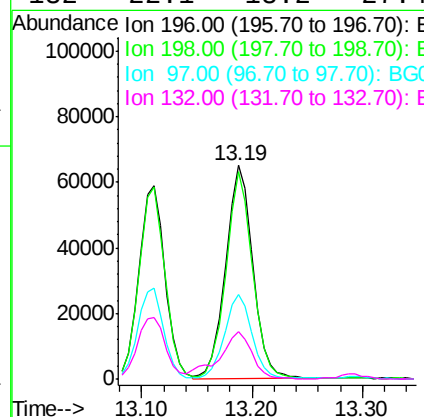
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

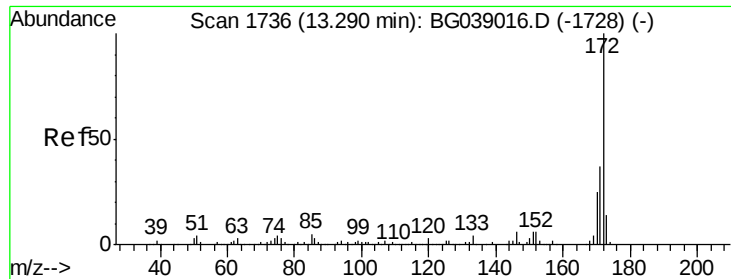
Tgt Ion:196 Resp: 98298
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.5 111.7
 200 32.0 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.124 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion:196 Resp: 111822
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.1 117.1
 97 39.8 33.2 49.8
 132 22.1 18.2 27.4

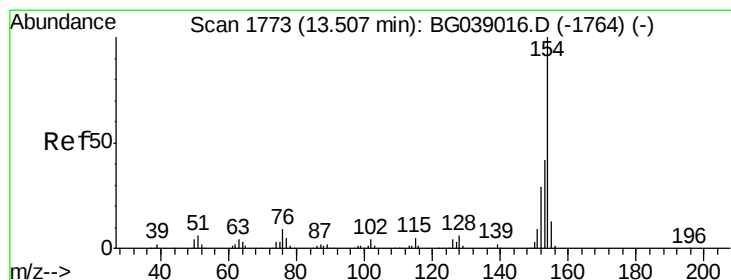
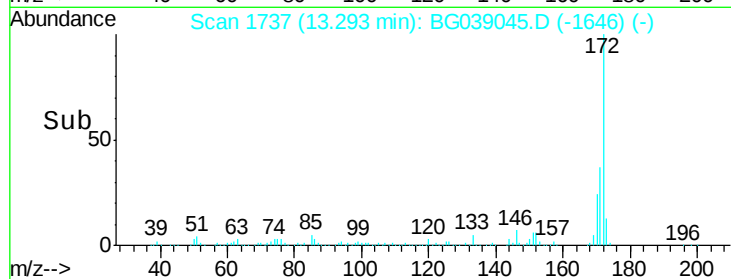
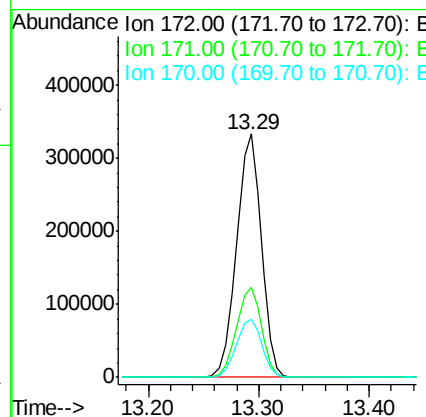
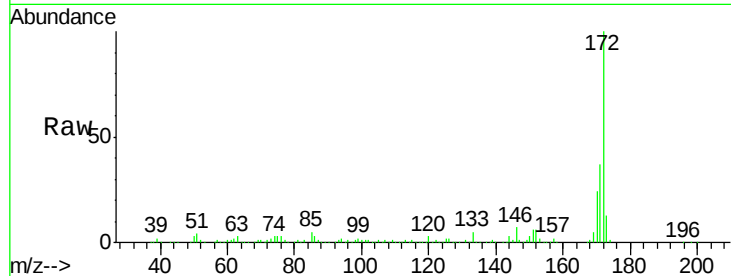




#45
 2-Fluorobiphenyl
 Concen: 78.939 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

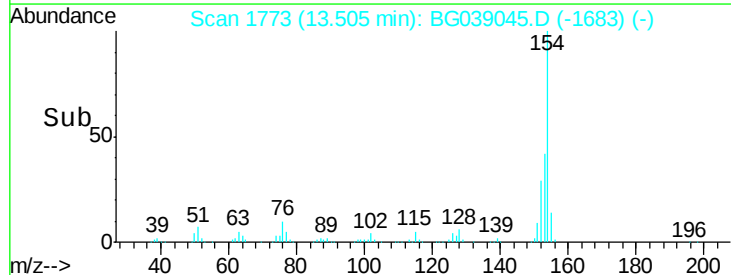
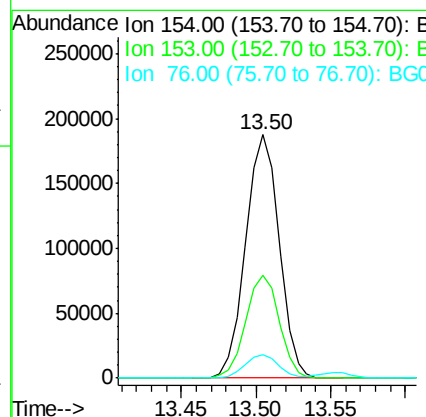
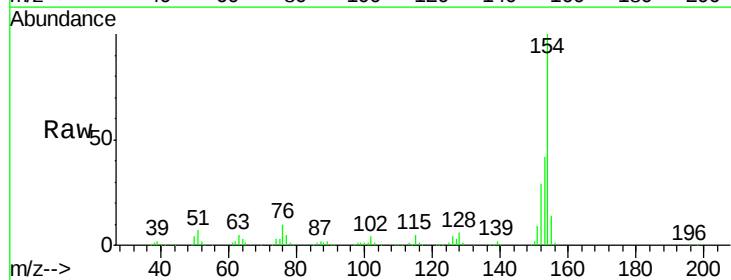
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.1	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 40.358 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.4	62.4
76	9.7	0.0	29.4

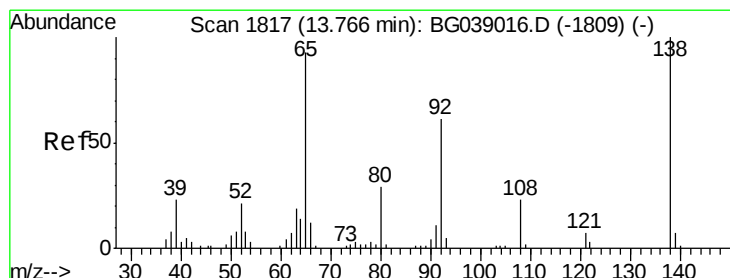
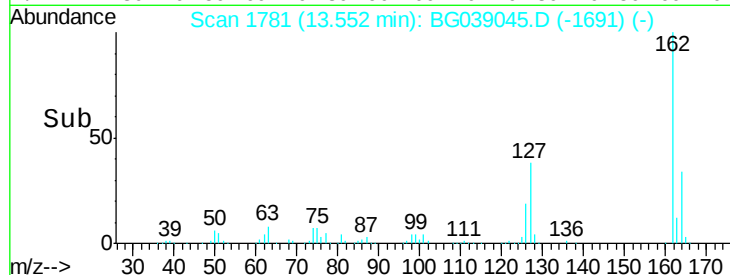
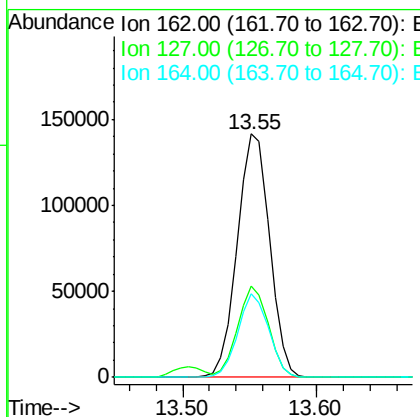
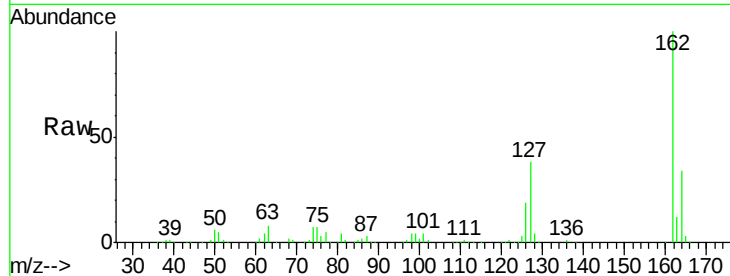




#47
 2-Chloronaphthalene
 Concen: 40.542 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

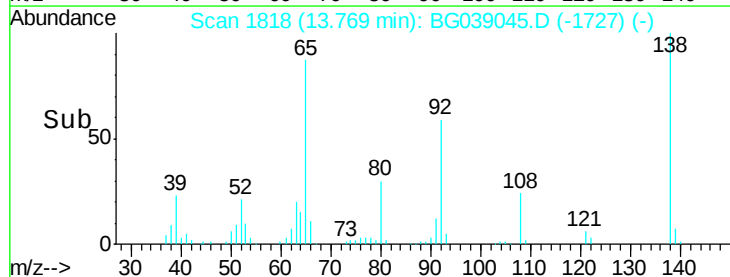
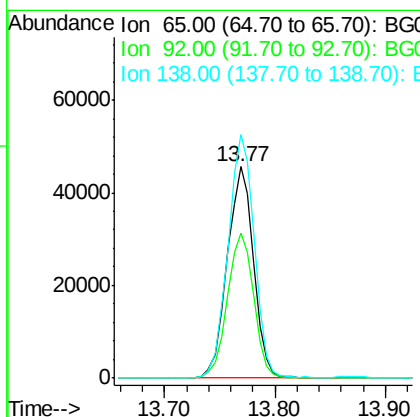
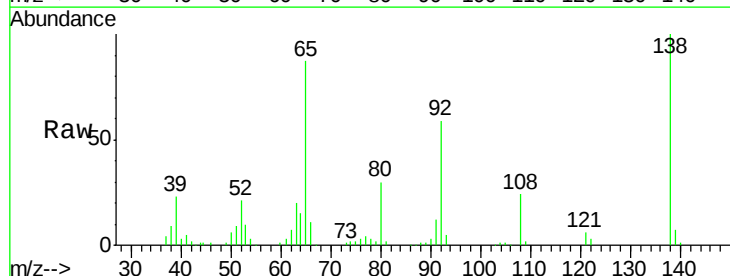
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

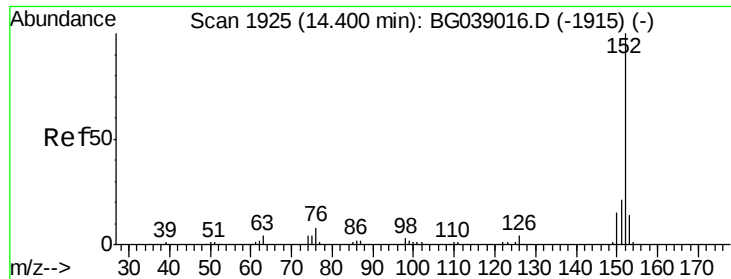
Tgt Ion: 162 Resp: 236872
 Ion Ratio Lower Upper
 162 100
 127 37.7 28.4 42.6
 164 34.3 26.3 39.5



#48
 2-Nitroaniline
 Concen: 46.734 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion: 65 Resp: 76496
 Ion Ratio Lower Upper
 65 100
 92 68.5 52.2 78.4
 138 115.3 86.0 129.0





#49

Acenaphthylene

Concen: 46.263 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

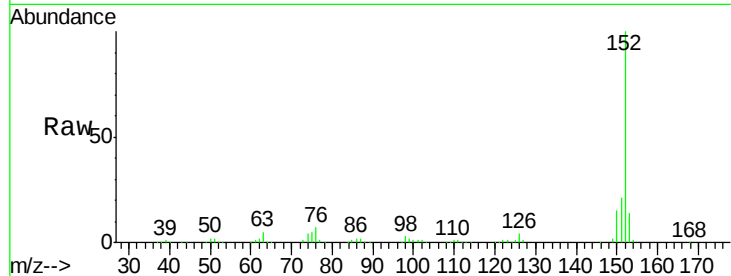
Tgt Ion:152 Resp: 406280

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

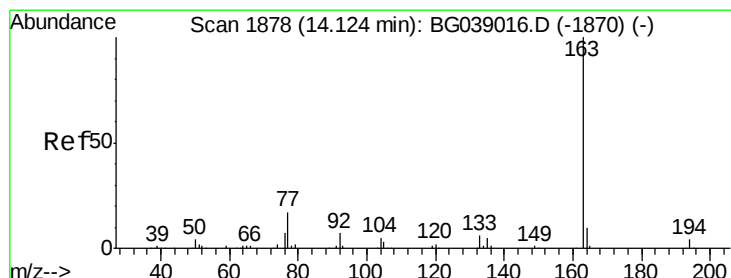
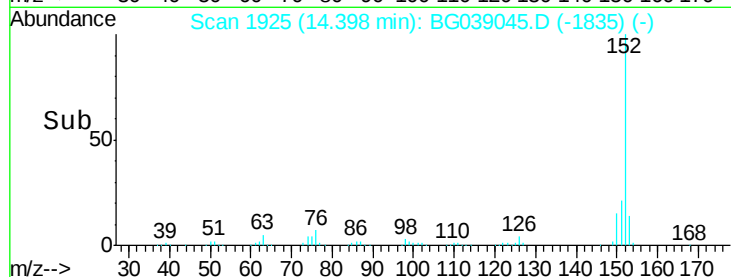
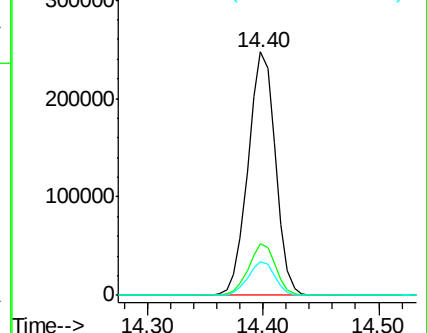
153 13.7 11.2 16.8



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: 46.068 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

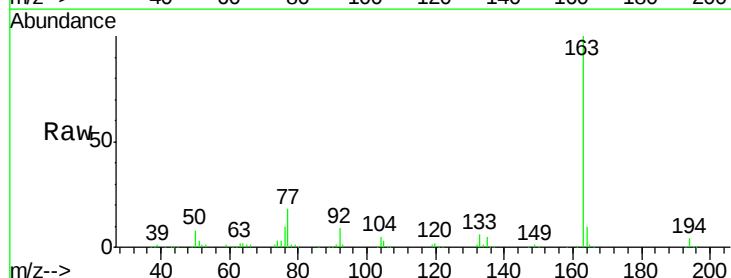
Tgt Ion:163 Resp: 354720

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

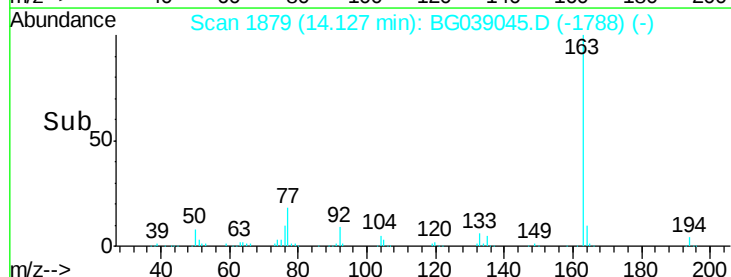
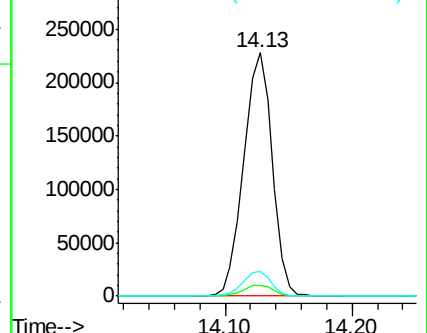
164 10.2 8.2 12.2

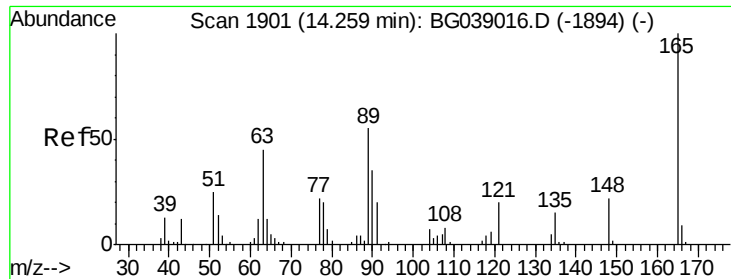


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

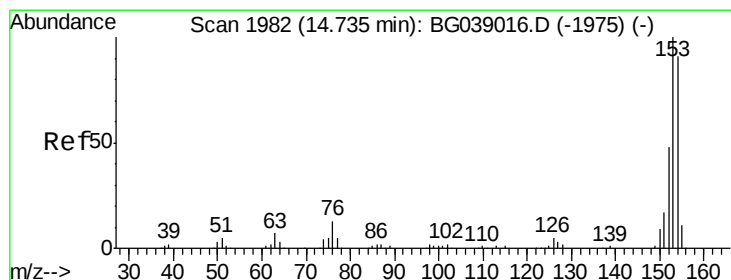
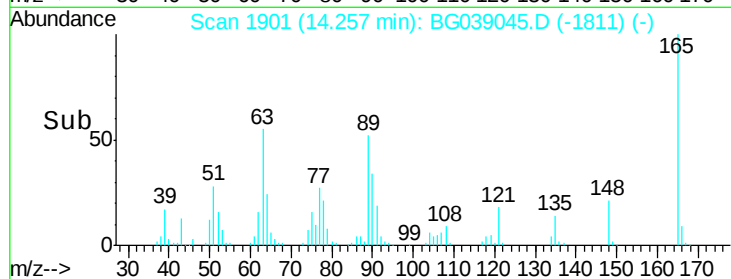
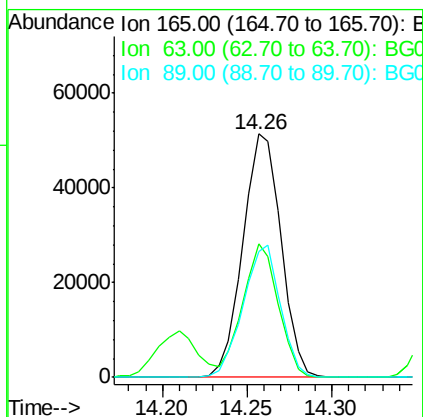
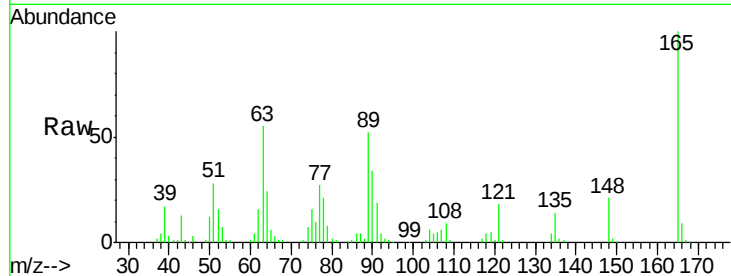




#51
 2,6-Dinitrotoluene
 Concen: 46.972 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

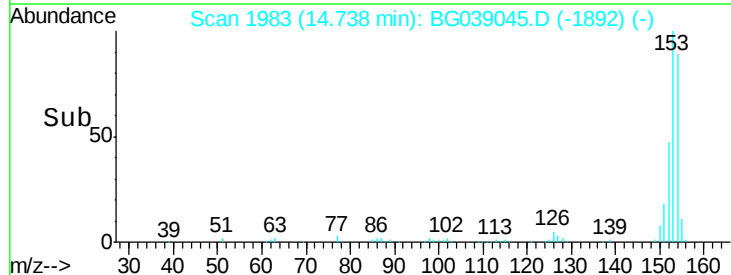
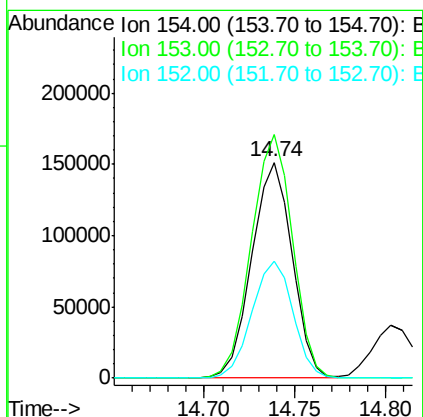
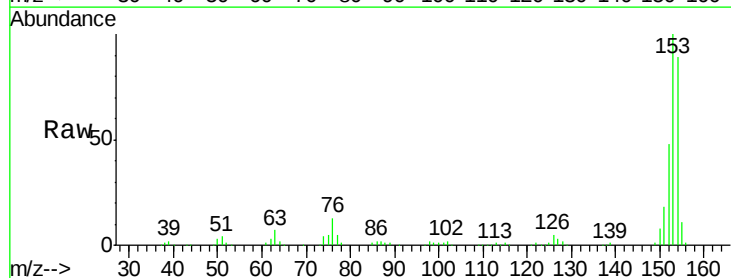
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

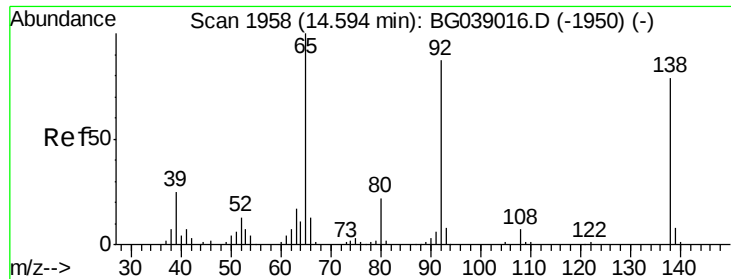
Tgt Ion:165 Resp: 80862
 Ion Ratio Lower Upper
 165 100
 63 54.8 43.6 65.4
 89 51.9 43.7 65.5



#52
 Acenaphthene
 Concen: 44.486 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion:154 Resp: 234722
 Ion Ratio Lower Upper
 154 100
 153 112.8 87.9 131.9
 152 54.1 42.2 63.2





#53

3-Nitroaniline

Concen: 11.798 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

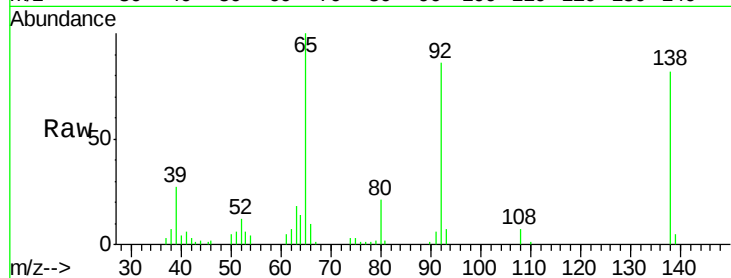
Tgt Ion:138 Resp: 20604

Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.0

92 105.1 88.2 132.4

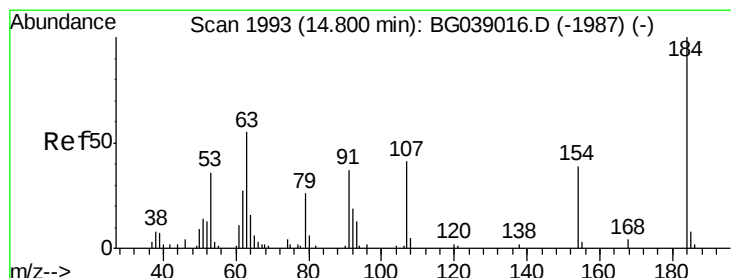
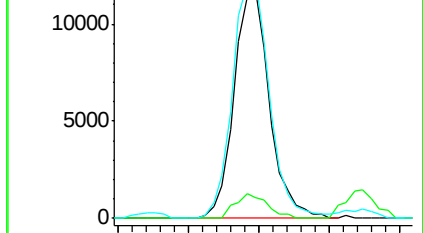
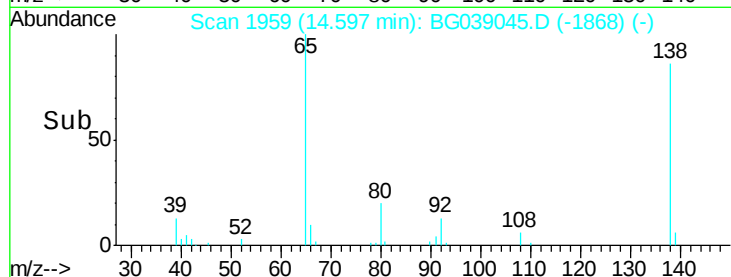


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

Time--> 14.50 14.55 14.60 14.65



#54

2,4-Dinitrophenol

Concen: 94.409 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

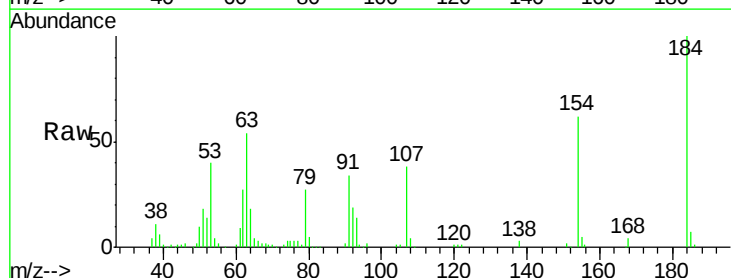
Tgt Ion:184 Resp: 98241

Ion Ratio Lower Upper

184 100

63 54.0 44.0 66.0

154 61.7 46.1 69.1

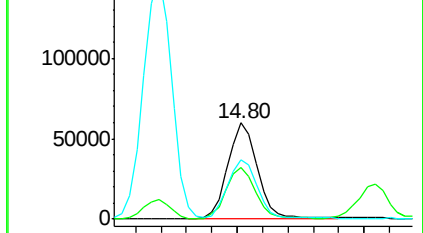
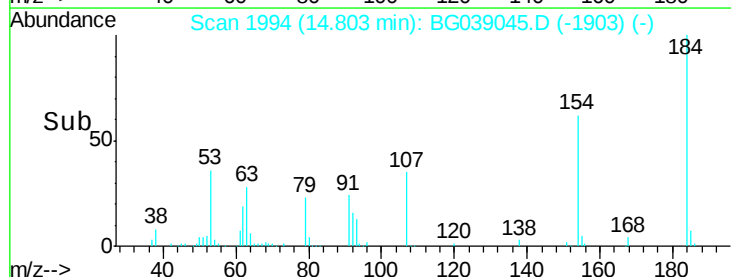


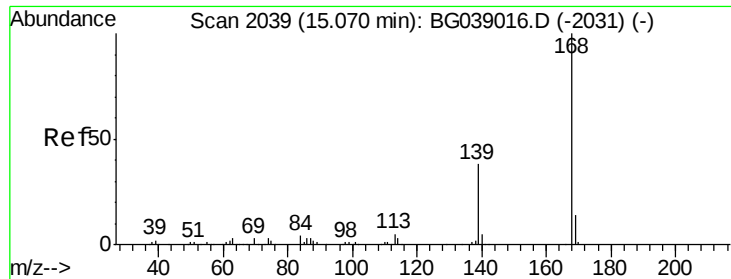
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

Time--> 14.75 14.80 14.85 14.90

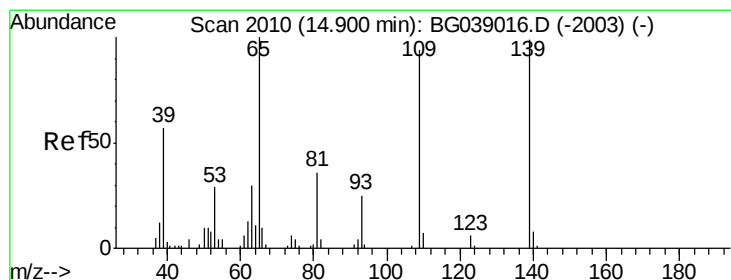
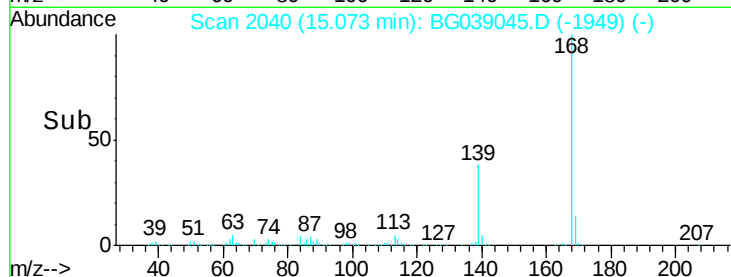
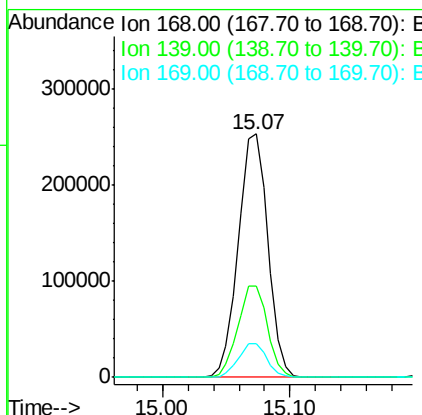
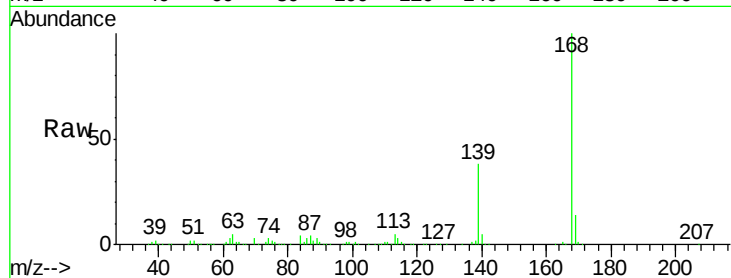




#55
Dibenzofuran
Concen: 43.828 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

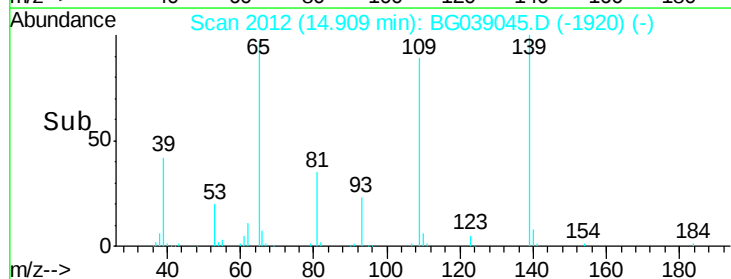
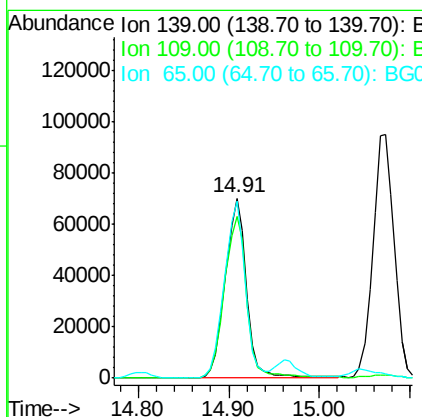
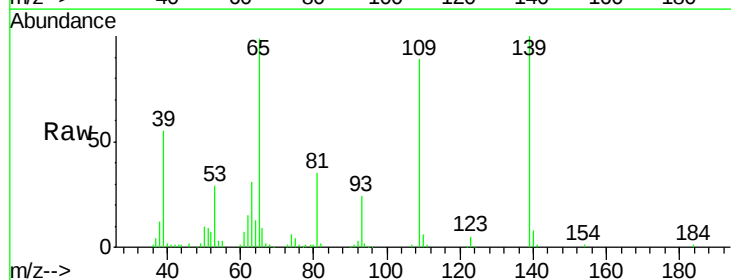
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tgt Ion:168 Resp: 408426
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 91.624 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:139 Resp: 115130
Ion Ratio Lower Upper
139 100
109 89.5 75.6 115.6
65 98.7 81.2 121.2

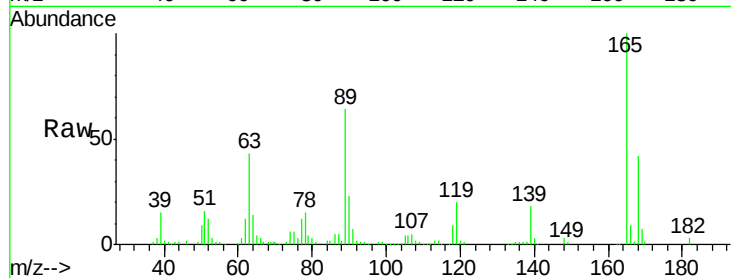




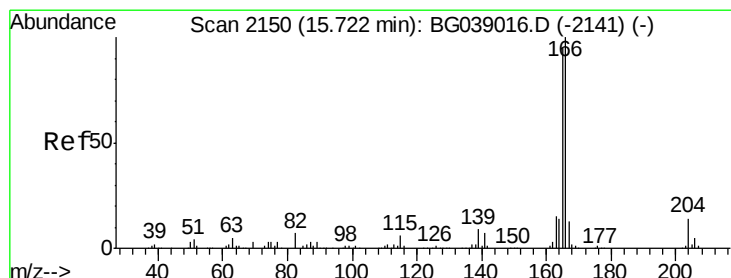
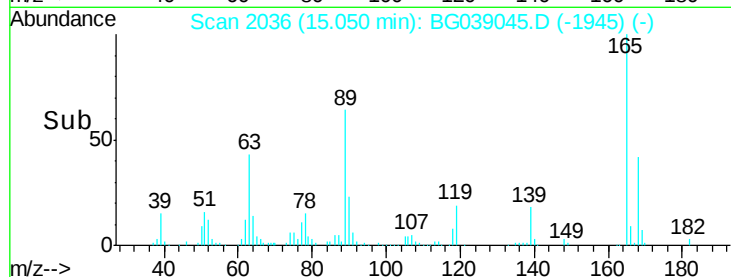
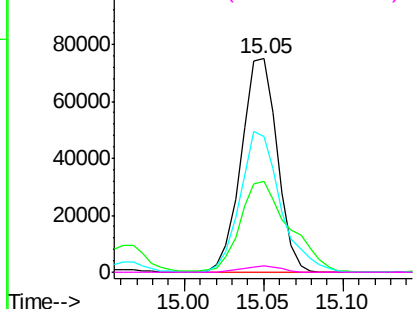
#57
2,4-Dinitrotoluene
Concen: 47.700 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

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

Tgt Ion:165 Resp: 117811
Ion Ratio Lower Upper
165 100
63 42.6 30.2 45.4
89 63.8 53.2 79.8
182 2.9 2.7 4.1

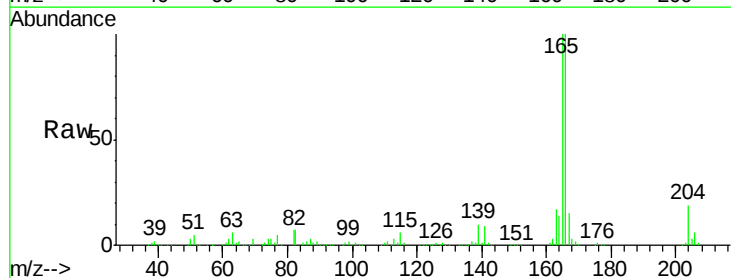


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

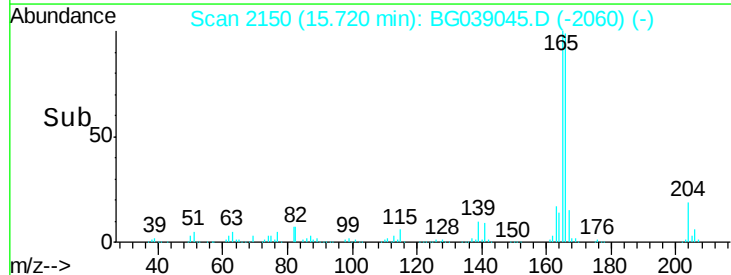
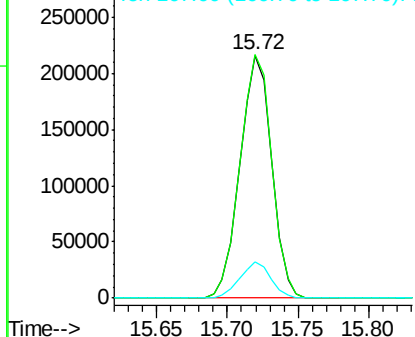


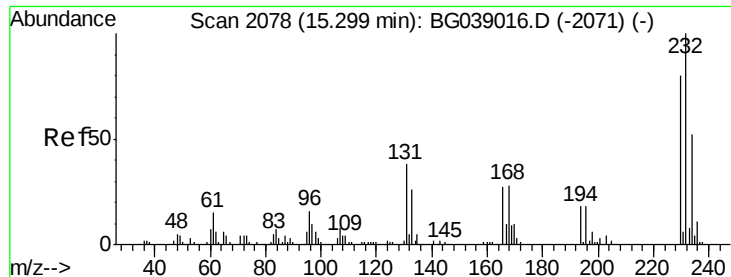
#58
Fluorene
Concen: 48.312 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:166 Resp: 338878
Ion Ratio Lower Upper
166 100
165 100.2 76.2 114.2
167 14.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

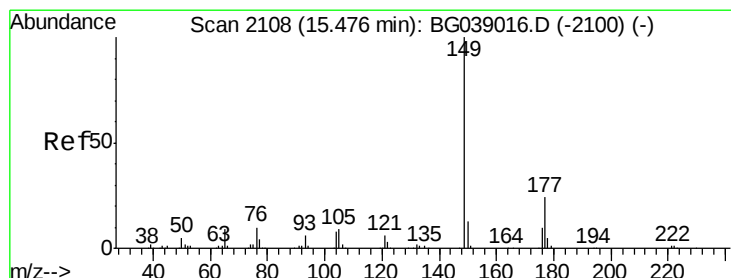
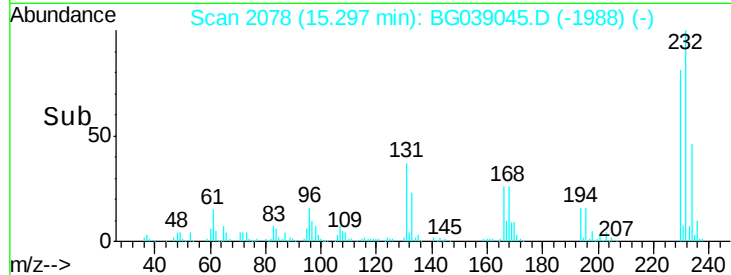
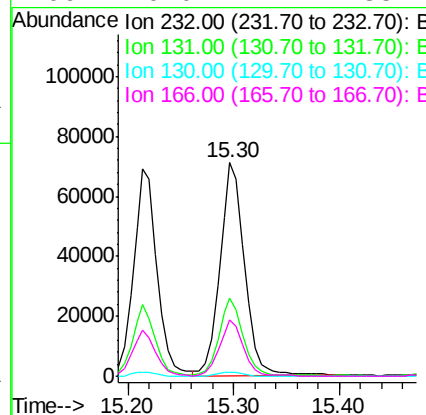
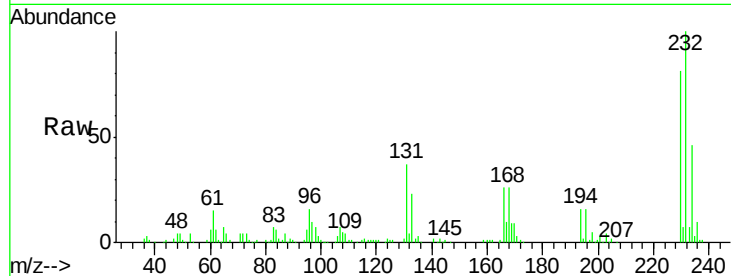




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.568 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

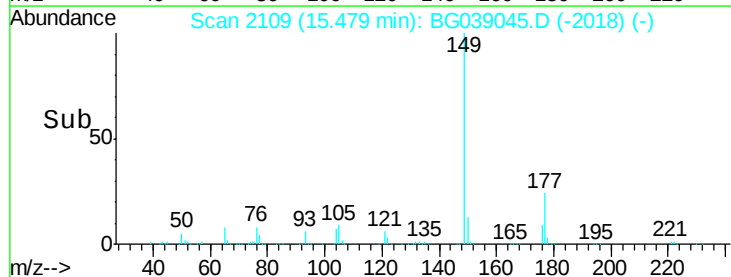
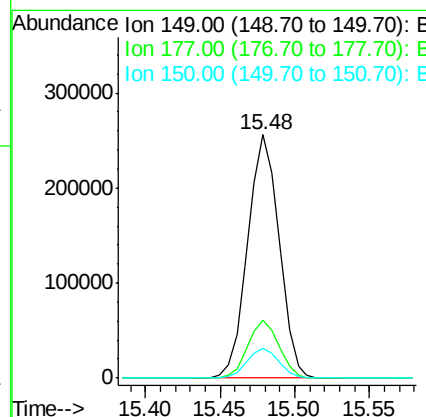
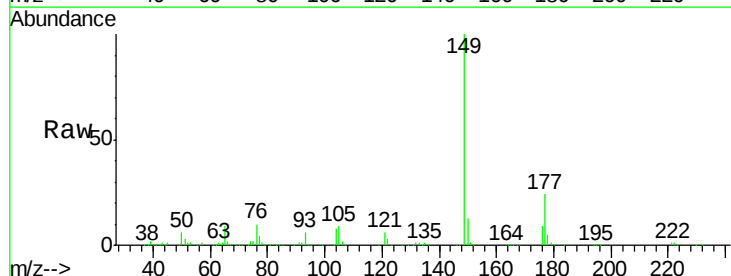
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tgt Ion:	232	Resp:	115106
Ion	Ratio	Lower	Upper
232	100		
131	34.8	30.9	46.3
130	2.1	1.9	2.9
166	26.0	22.1	33.1



#60
Diethylphthalate
Concen: 46.907 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:	149	Resp:	372130
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.6
150	12.5	10.2	15.4

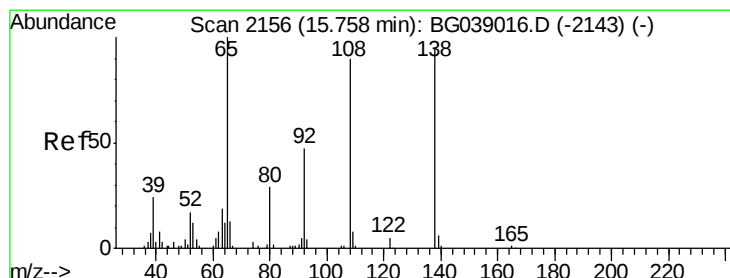
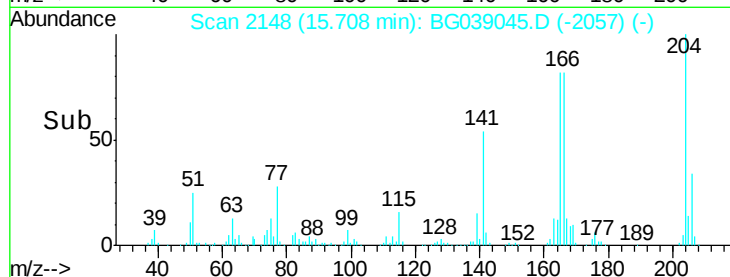
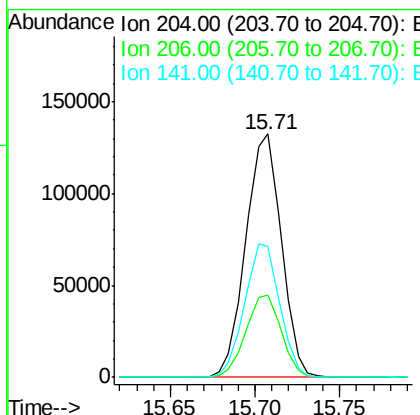
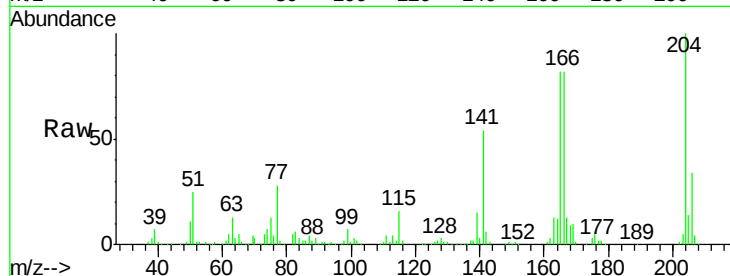




#61
 4-Chlorophenyl-phenylether
 Concen: 43.998 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

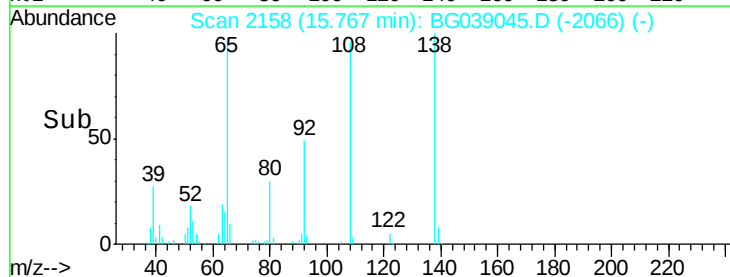
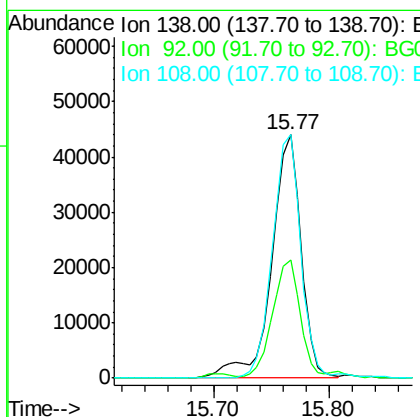
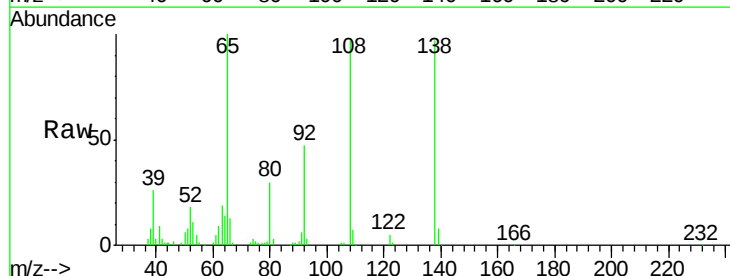
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tgt Ion: 204 Resp: 194432
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.6 39.8
 141 53.7 41.4 62.0



#62
 4-Nitroaniline
 Concen: 42.943 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion: 138 Resp: 78125
 Ion Ratio Lower Upper
 138 100
 92 48.6 29.7 69.7
 108 99.9 75.7 115.7





#63

Azobenzene

Concen: 45.025 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

Tgt Ion: 77 Resp: 279338

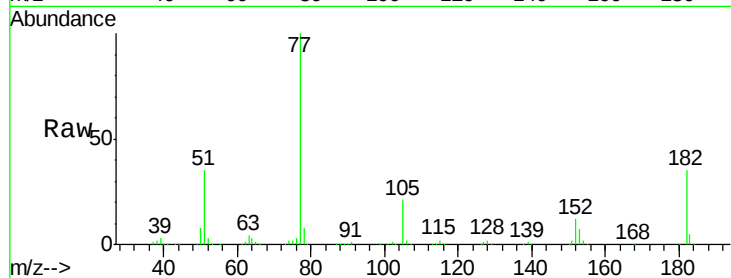
Ion Ratio Lower Upper

77 100

182 35.0 12.2 52.2

105 21.3 1.2 41.2

51 35.2 13.4 53.4

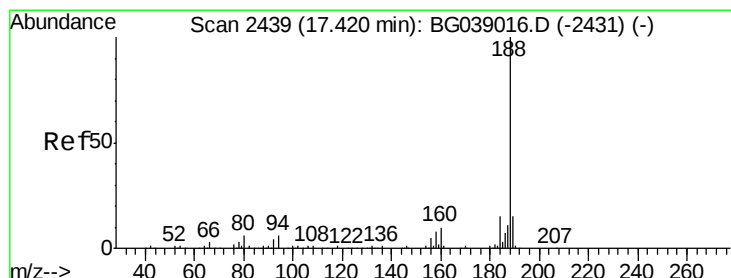
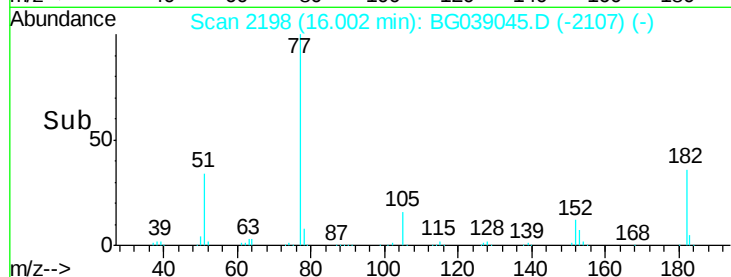
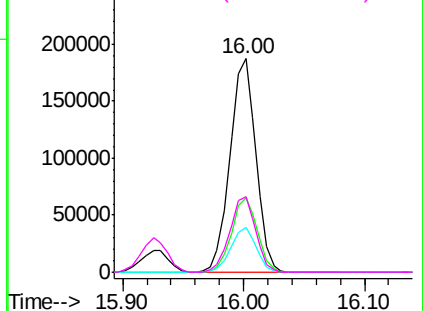


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039045.D

Acq: 10 Jan 2019 8:14

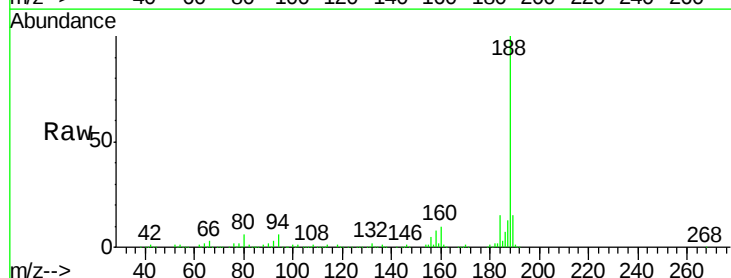
Tgt Ion: 188 Resp: 248196

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

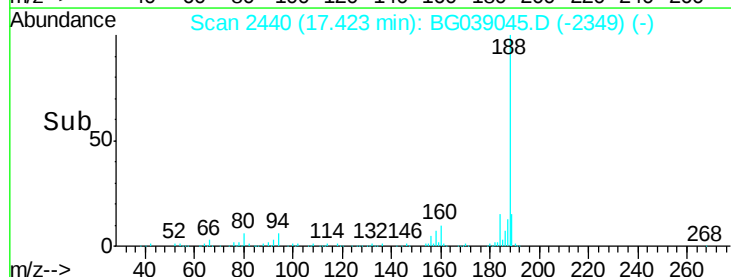
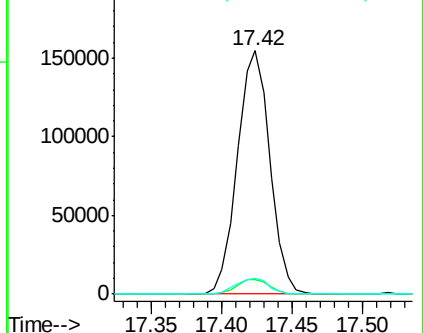
80 6.4 4.7 7.1

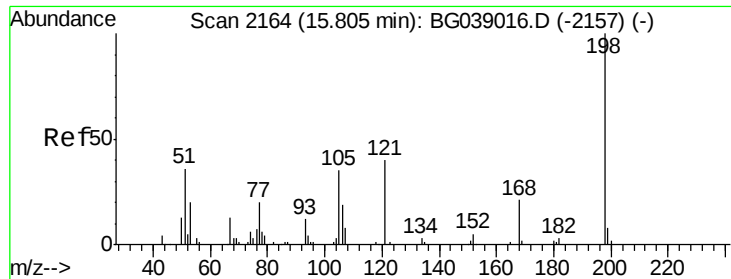


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

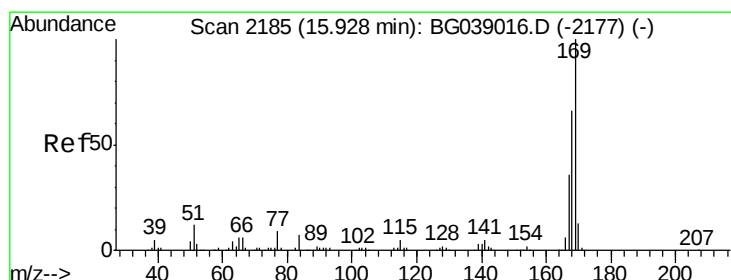
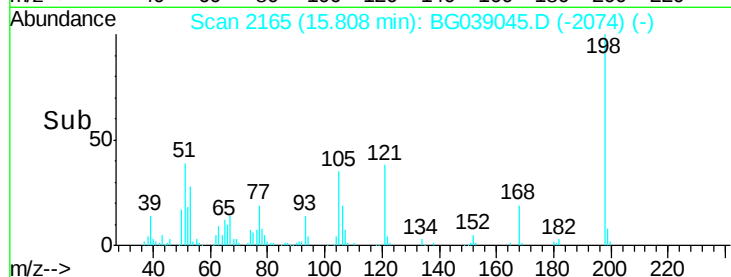
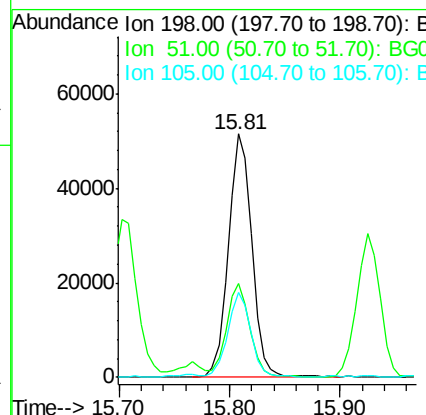
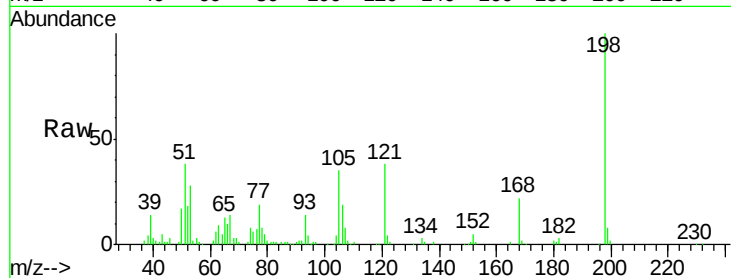




#65
4,6-Dinitro-2-methylphenol
Concen: 41.938 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

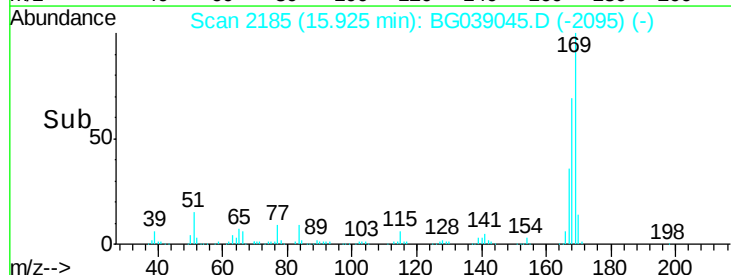
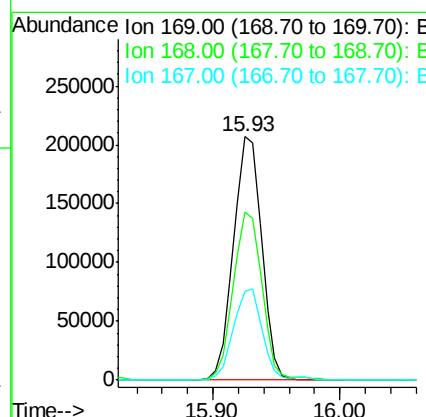
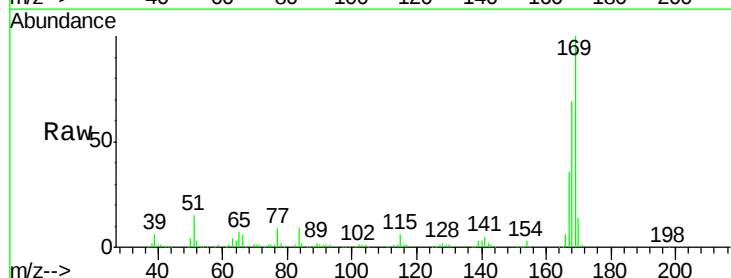
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

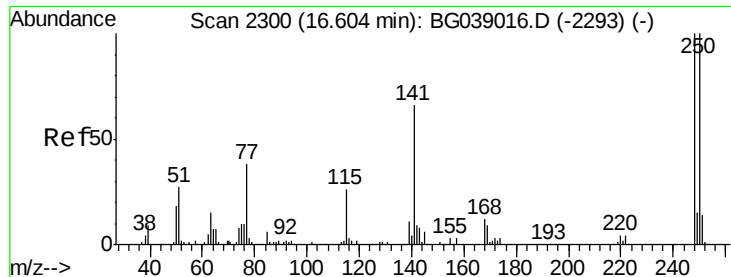
Tgt Ion:198 Resp: 77114
Ion Ratio Lower Upper
198 100
51 38.5 20.8 60.8
105 35.1 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 43.277 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:169 Resp: 318419
Ion Ratio Lower Upper
169 100
168 69.1 53.2 79.8
167 36.3 29.1 43.7

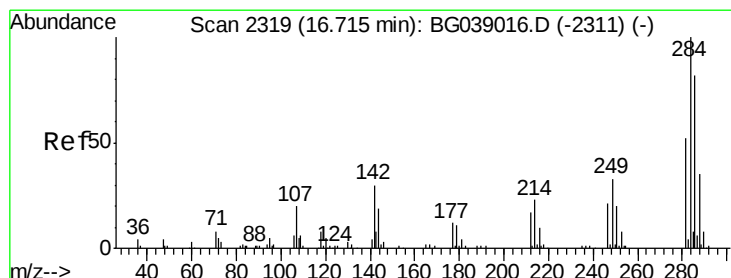
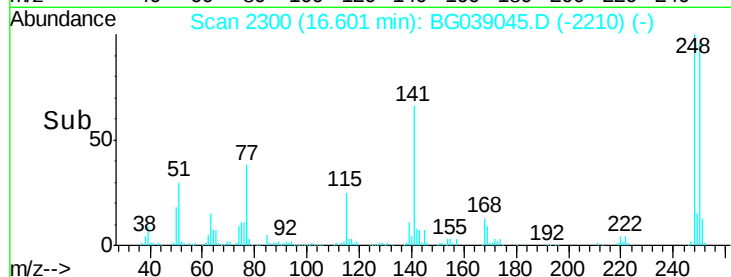
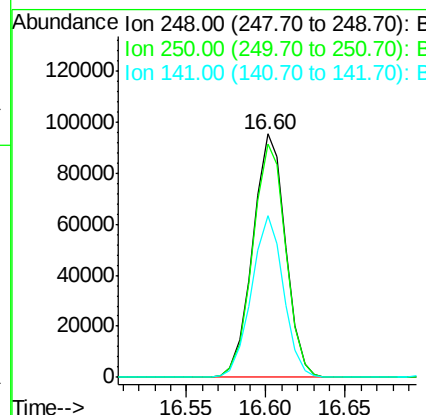
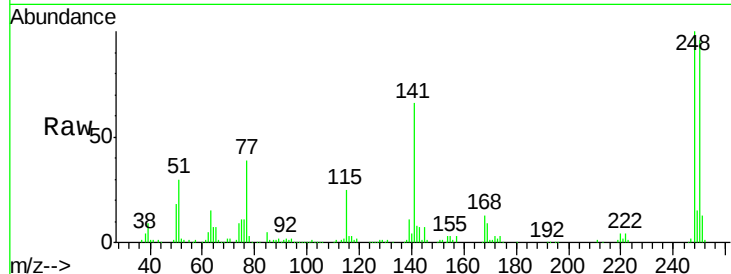




#67
 4-Bromophenyl-phenylether
 Concen: 42.787 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

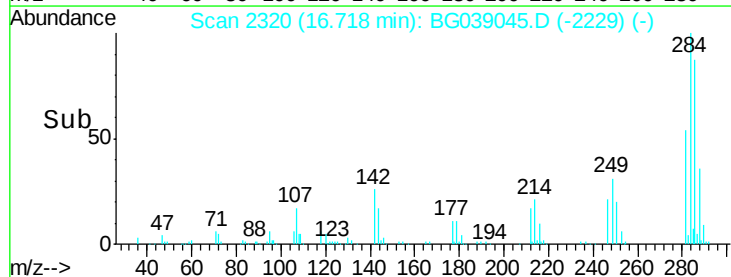
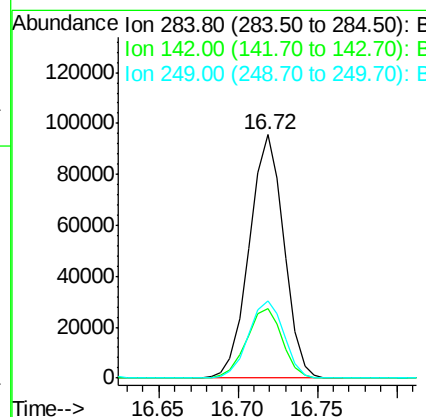
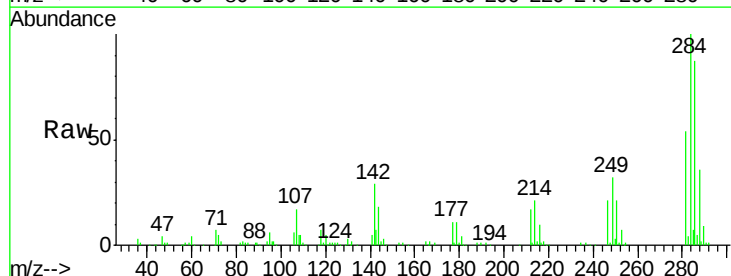
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

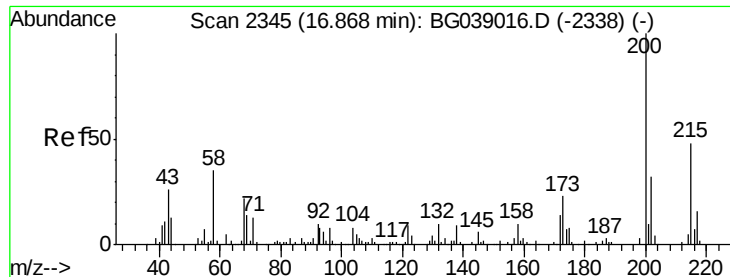
Tgt Ion:248 Resp: 136511
 Ion Ratio Lower Upper
 248 100
 250 95.9 79.9 119.9
 141 66.3 52.7 79.1



#68
 Hexachlorobenzene
 Concen: 41.526 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion:284 Resp: 144567
 Ion Ratio Lower Upper
 284 100
 142 28.5 24.3 36.5
 249 34.2 27.8 41.8





#69

Atrazine

Concen: 44.634 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

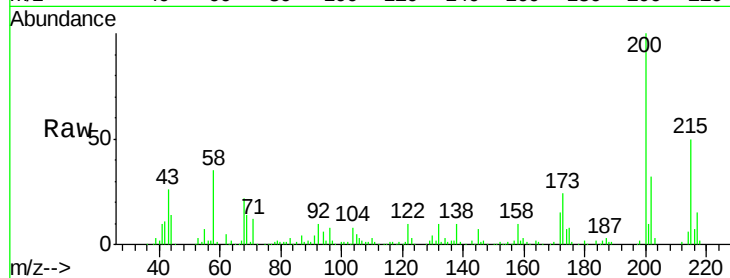
Tgt Ion:200 Resp: 139511

Ion Ratio Lower Upper

200 100

173 23.9 2.6 42.6

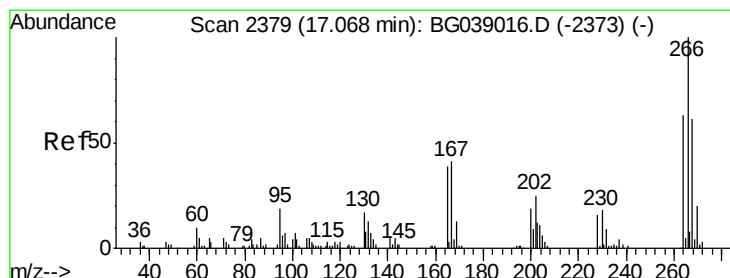
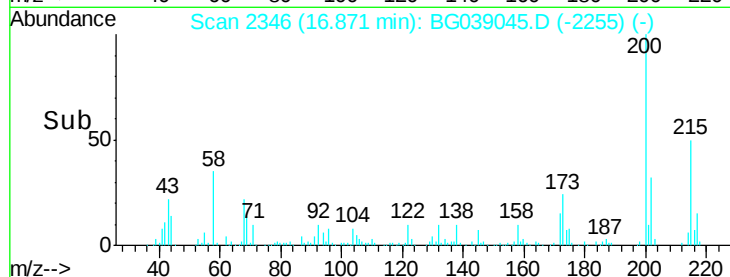
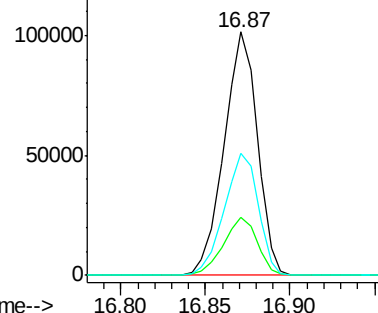
215 50.2 28.0 68.0



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: 73.584 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

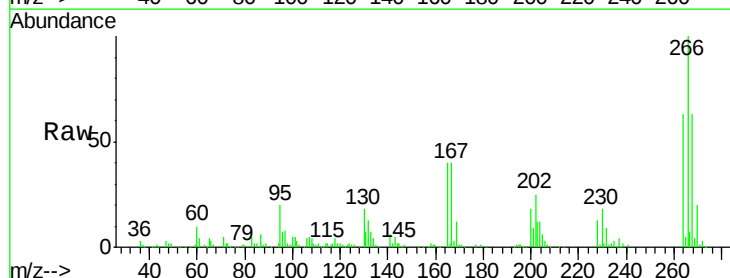
Tgt Ion:266 Resp: 157197

Ion Ratio Lower Upper

266 100

268 67.4 52.0 78.0

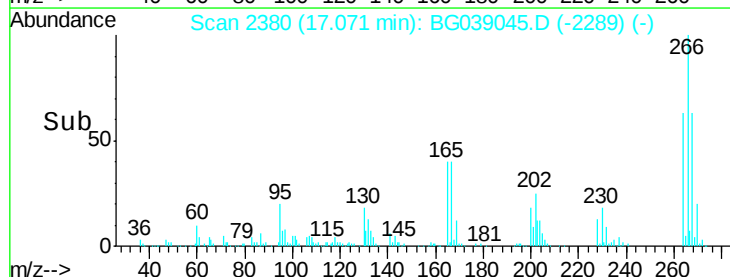
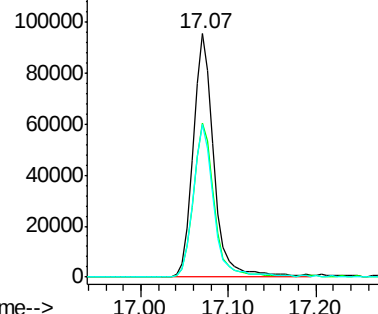
264 62.6 54.6 81.8

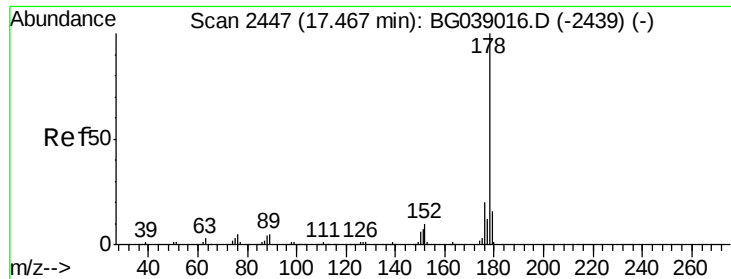


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.944 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

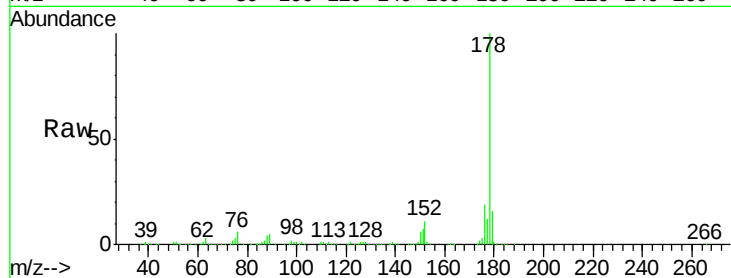
Tgt Ion:178 Resp: 602739

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

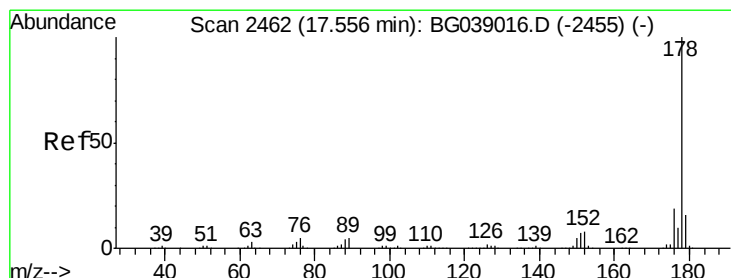
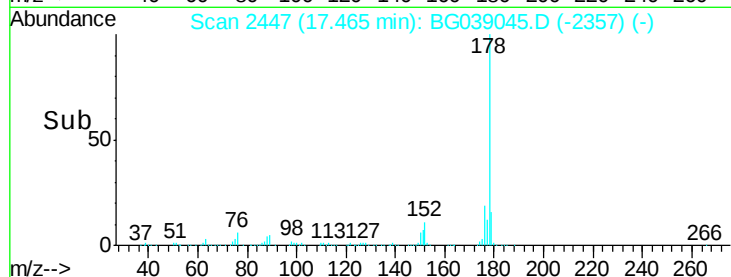
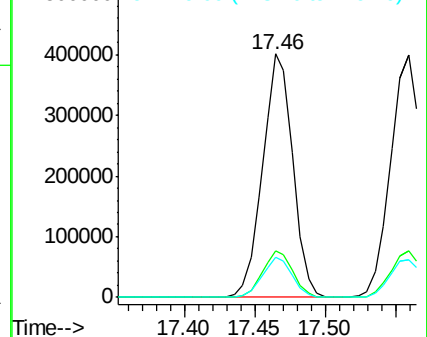
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.239 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

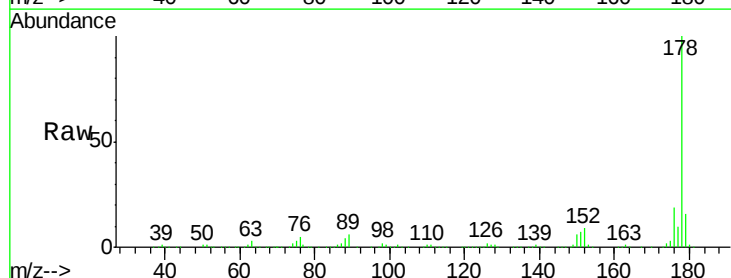
Tgt Ion:178 Resp: 612742

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

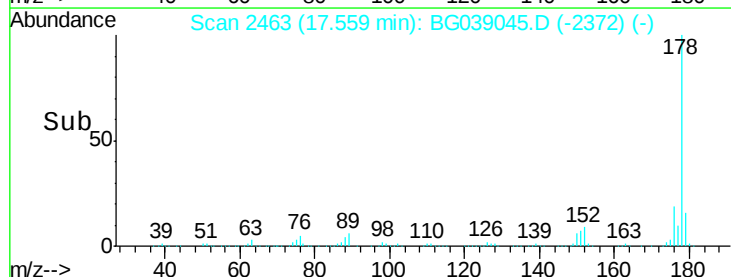
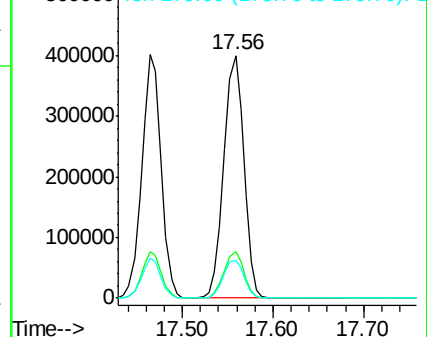
179 15.6 13.0 19.4

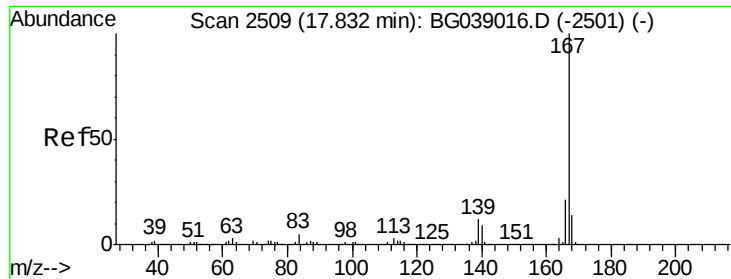


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

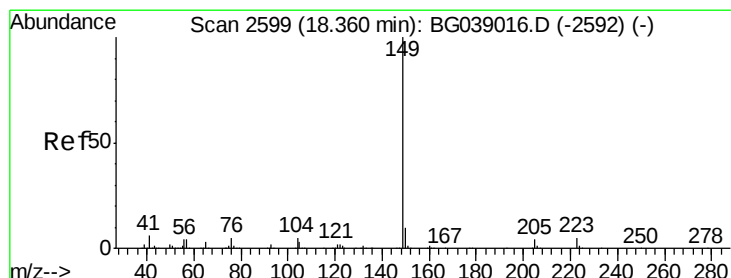
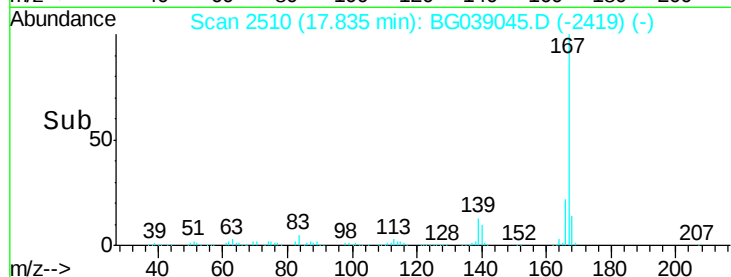
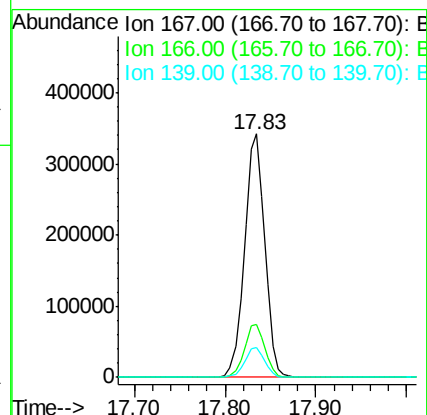
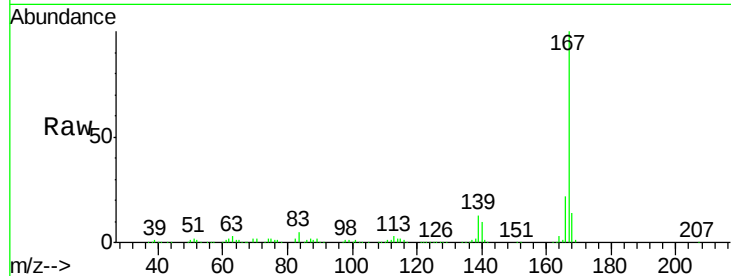




#73
 Carbazole
 Concen: 41.205 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

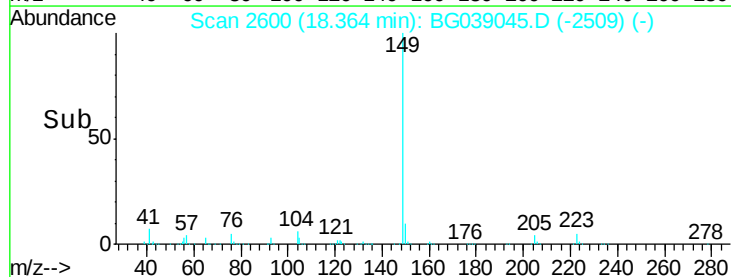
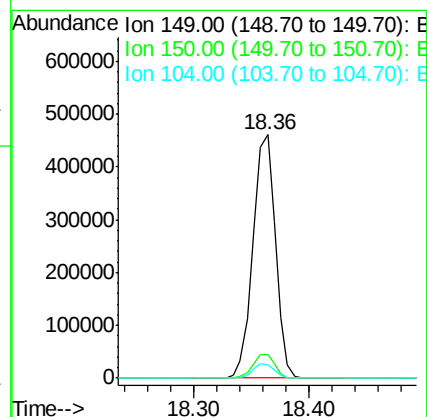
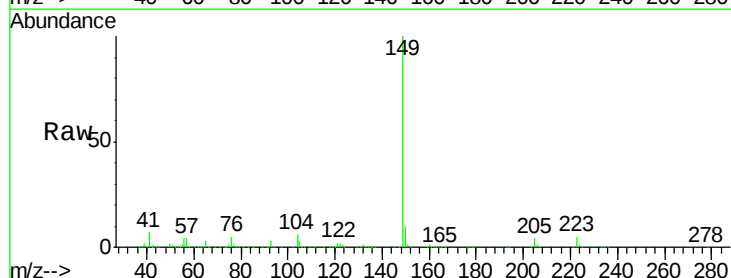
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

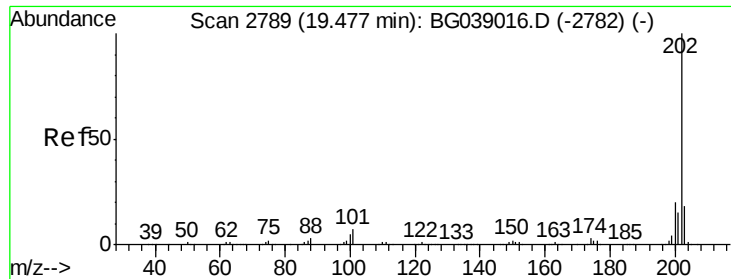
Tgt Ion:167 Resp: 527618
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.894 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion:149 Resp: 625274
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.6 4.2 6.2

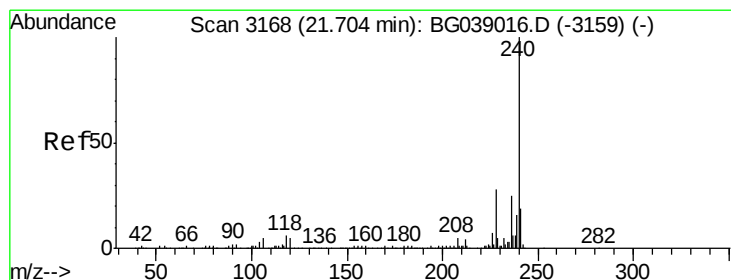
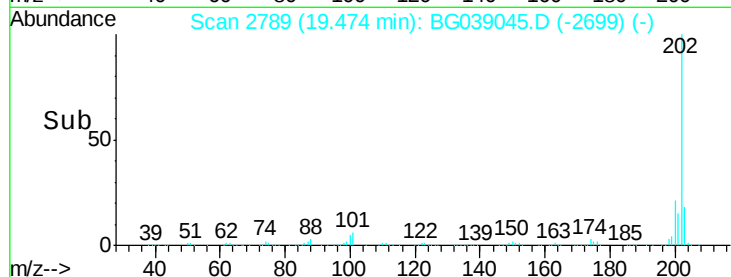
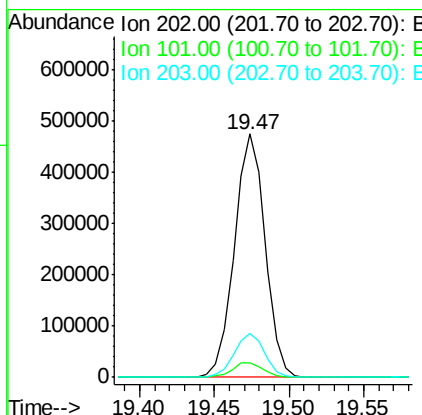
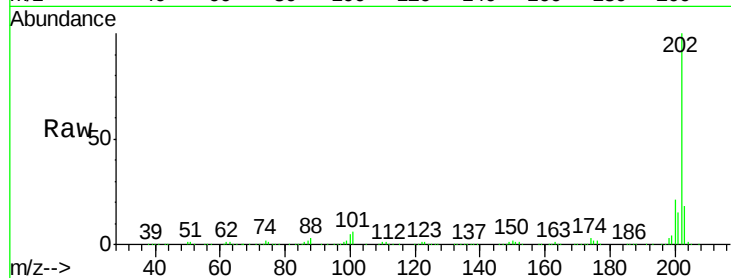




#75
 Fluoranthene
 Concen: 41.825 ng
 RT: 19.47 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

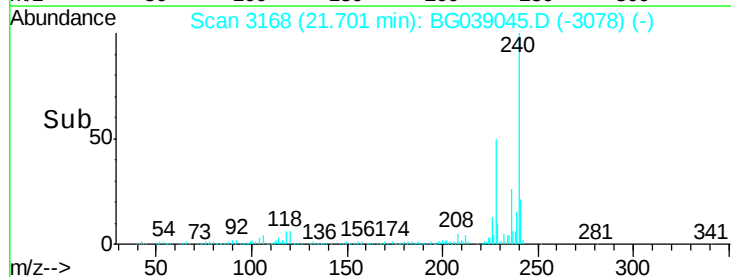
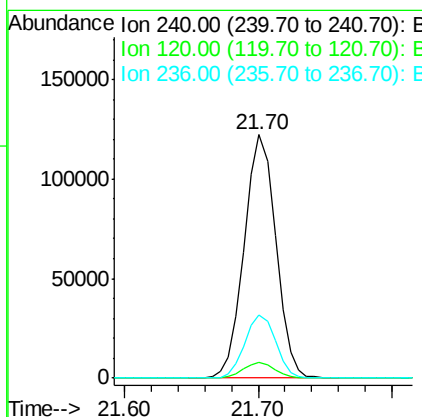
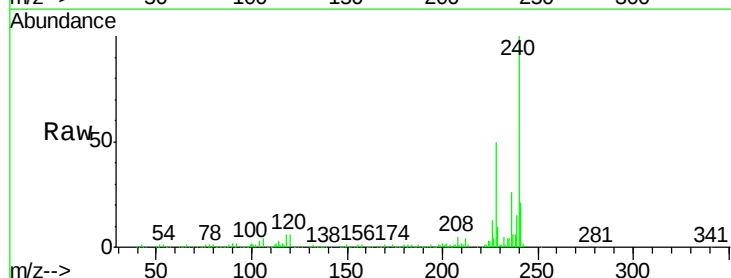
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

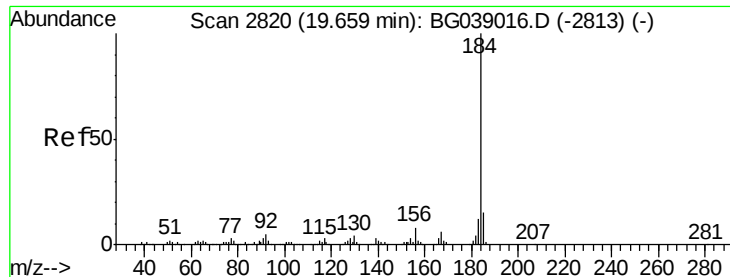
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	26.9
203	18.0	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

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





#77

Benzidine

Concen: 15.469 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

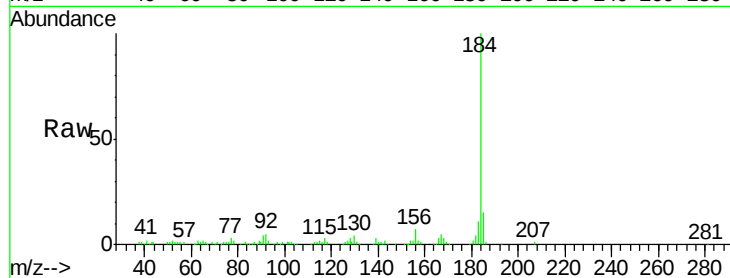
Tgt Ion:184 Resp: 94620

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

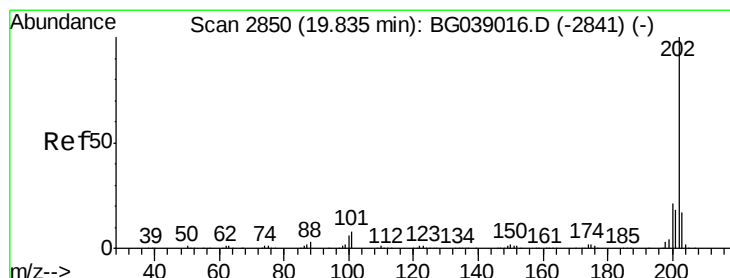
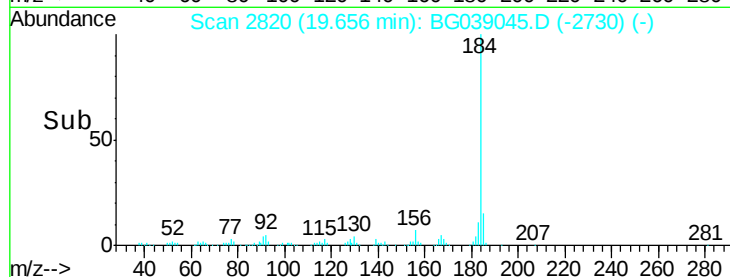
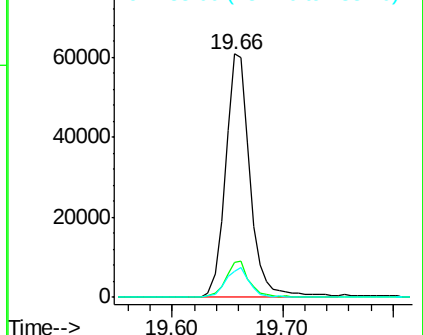
183 10.8 9.5 14.3



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: 52.208 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

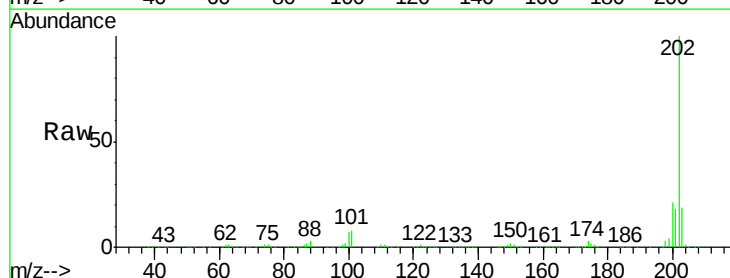
Tgt Ion:202 Resp: 665392

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

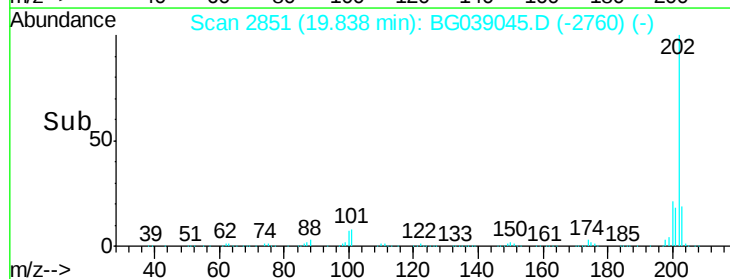
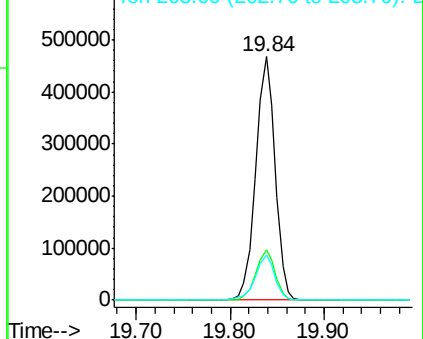
203 18.8 14.0 21.0

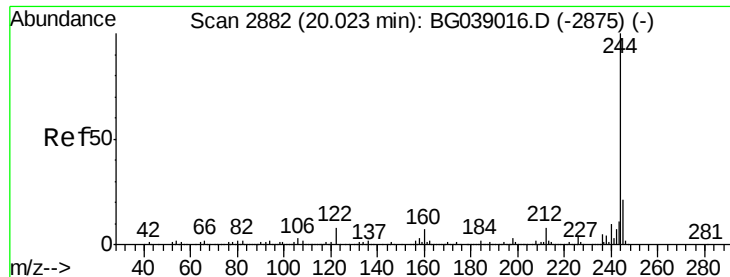


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.698 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

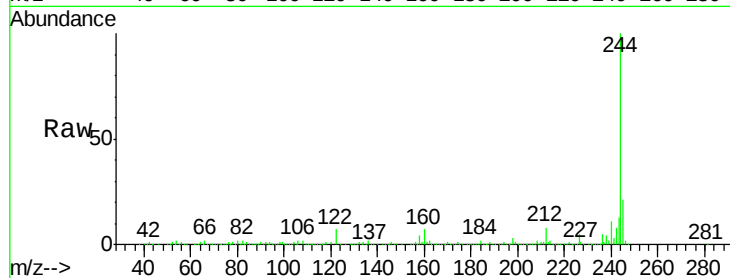
Tgt Ion:244 Resp: 1012945

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

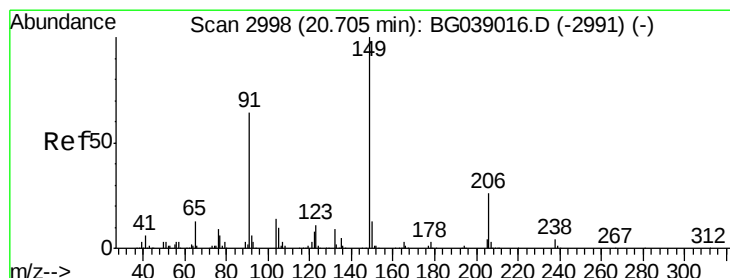
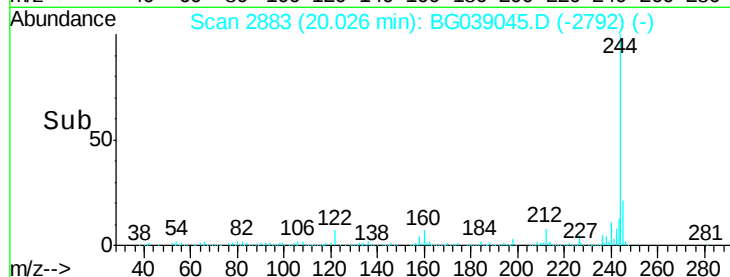
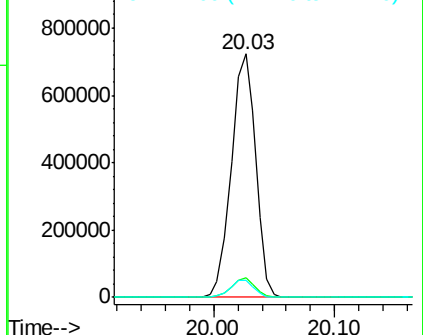
122 6.8 6.1 9.1



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: 45.000 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

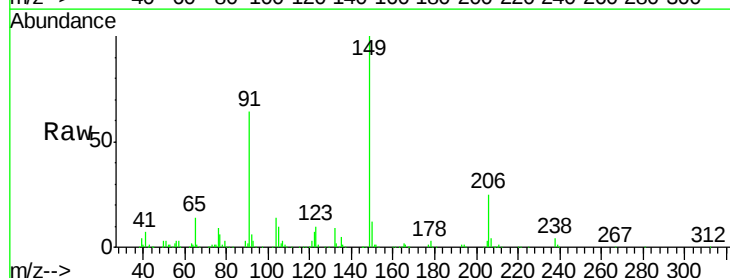
Tgt Ion:149 Resp: 218133

Ion Ratio Lower Upper

149 100

91 64.1 51.4 77.0

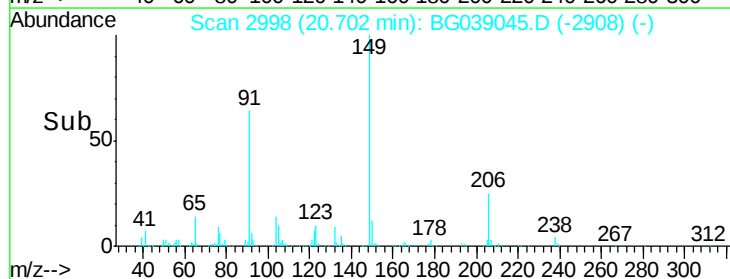
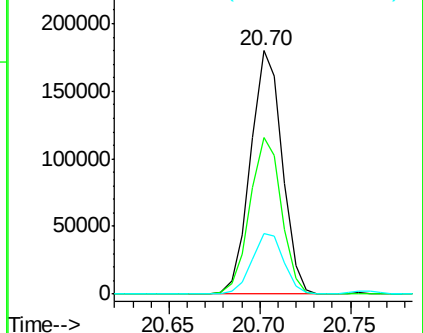
206 24.9 20.4 30.6

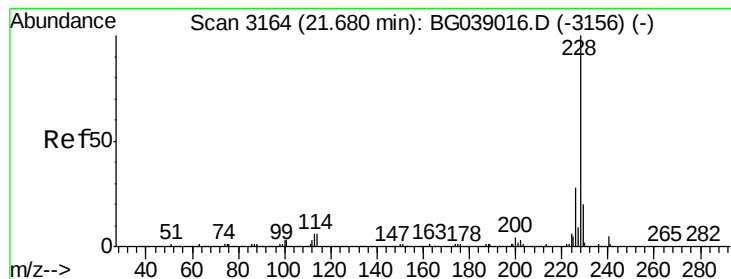


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.884 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

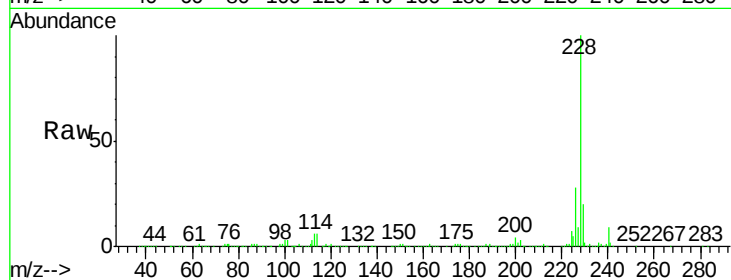
BNA_G

ClientSampleId :

JC-03-010819-AMSD

Tgt Ion:228 Resp: 570770

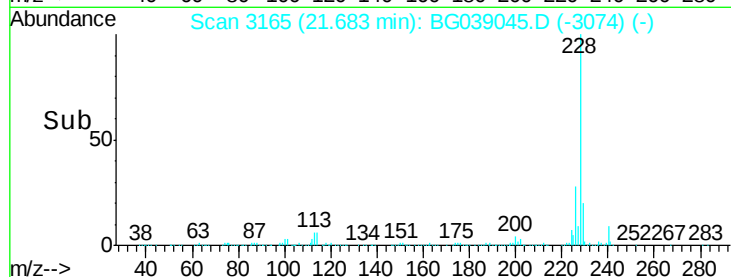
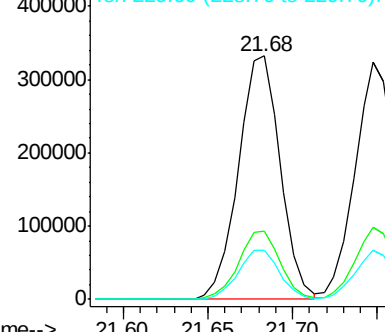
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.0	16.2	24.2



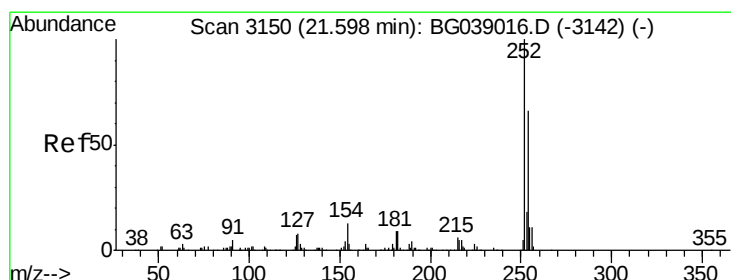
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.60 21.65 21.70



#82

3,3'-Dichlorobenzidine

Concen: 15.448 ng

RT: 21.60 min Scan# 3150

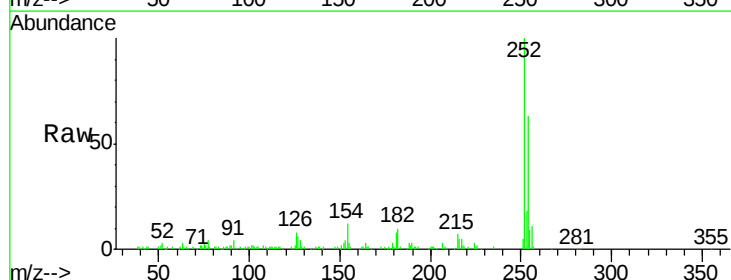
Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:252 Resp: 76629

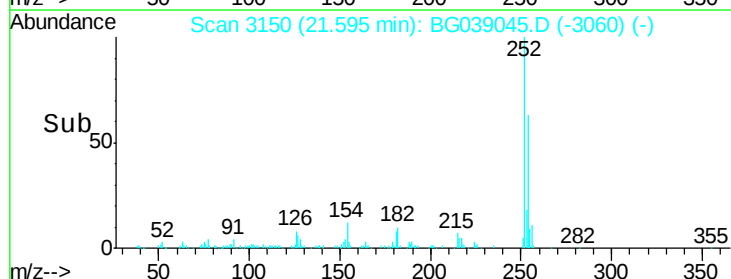
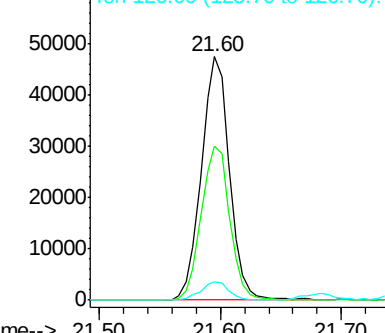
Ion	Ratio	Lower	Upper
252	100		
254	63.2	53.0	79.6
126	7.5	6.0	9.0



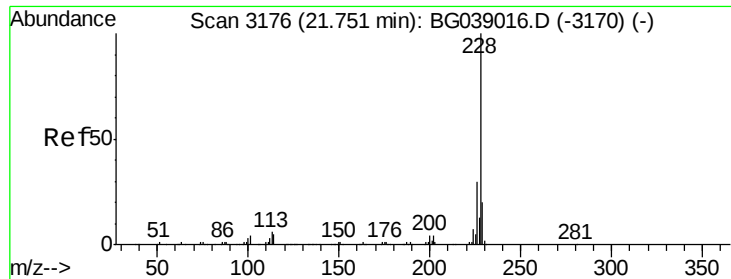
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 21.50 21.60 21.70



#83

Chrysene

Concen: 46.141 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

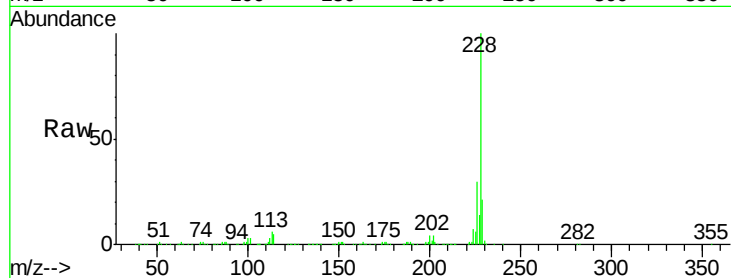
Tgt Ion: 228 Resp: 534256

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

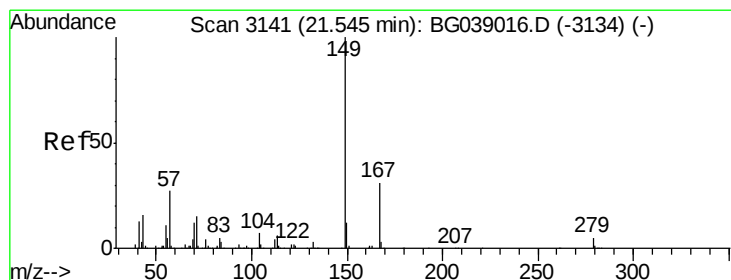
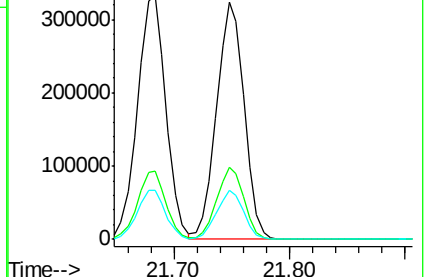
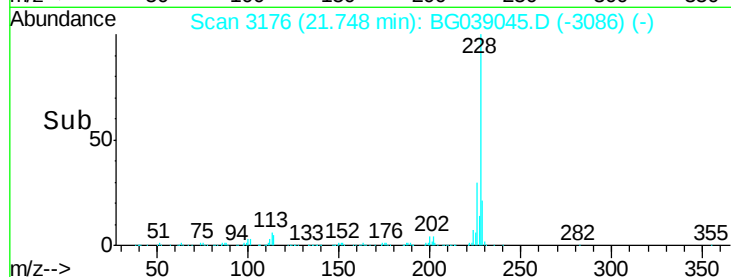
229 20.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.866 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

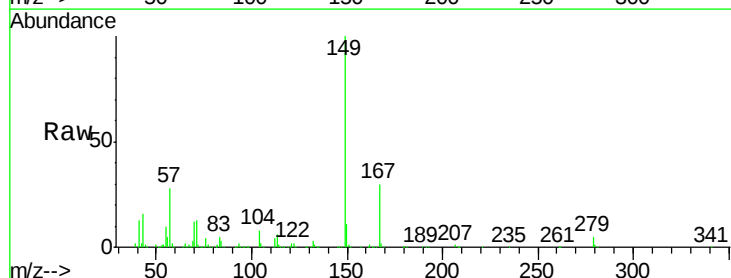
Tgt Ion: 149 Resp: 301978

Ion Ratio Lower Upper

149 100

167 29.8 25.0 37.4

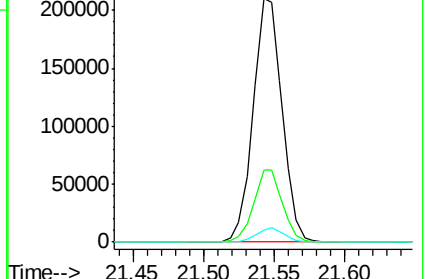
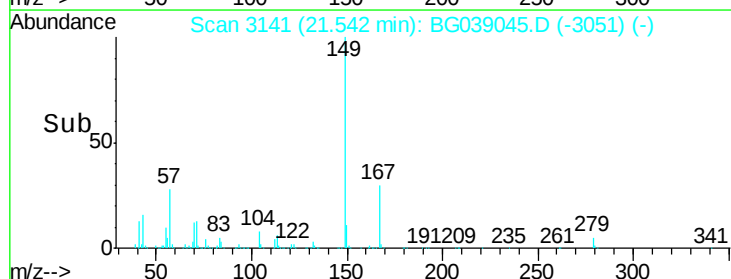
279 5.1 4.3 6.5

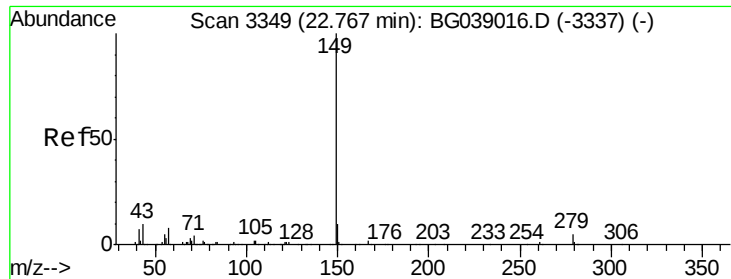


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.111 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

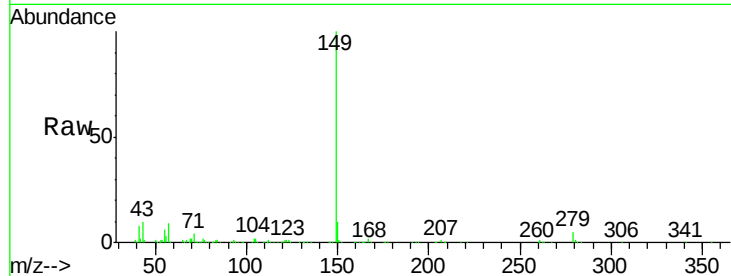
Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

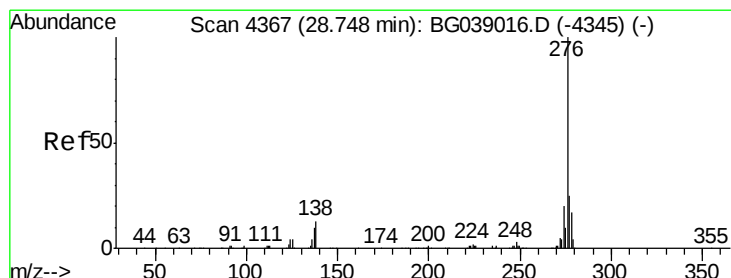
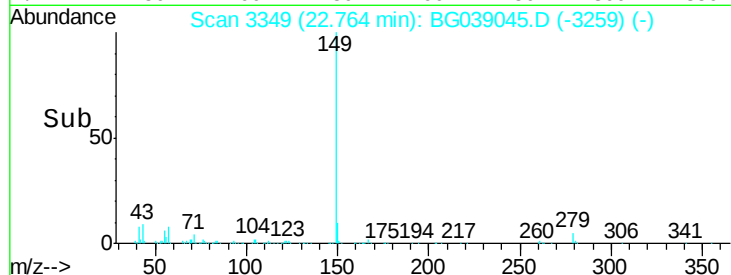
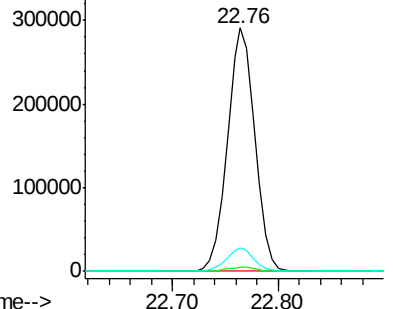
Tgt Ion:	149	Resp:	524790
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.5	7.5	11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.935 ng

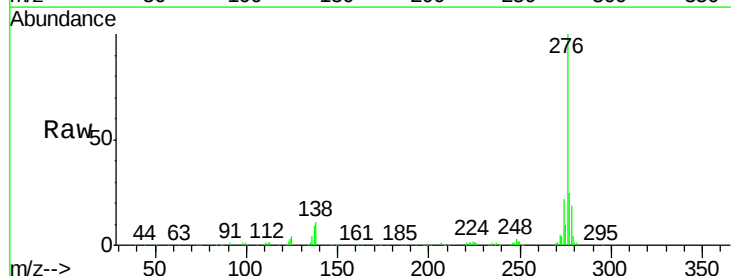
RT: 28.75 min Scan# 4368

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

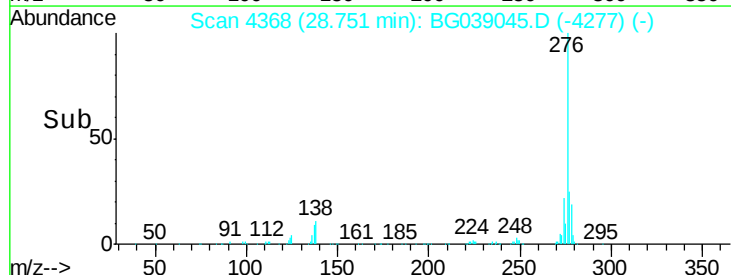
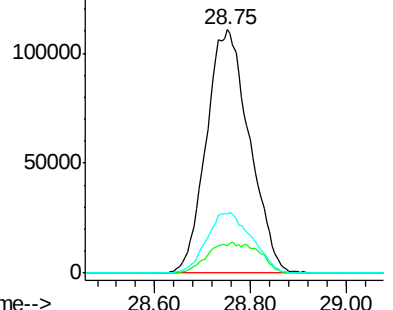
Tgt Ion:	276	Resp:	690877
Ion Ratio		Lower	Upper
276	100		
138	9.6	8.0	12.0
277	26.0	20.3	30.5

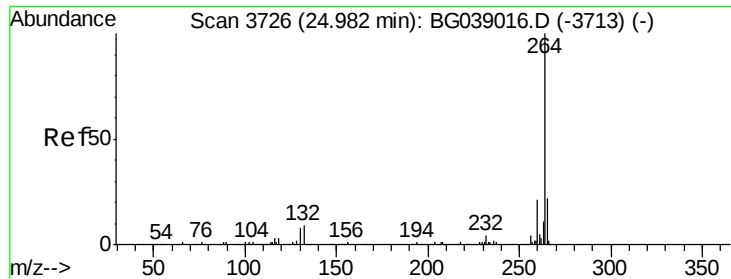


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

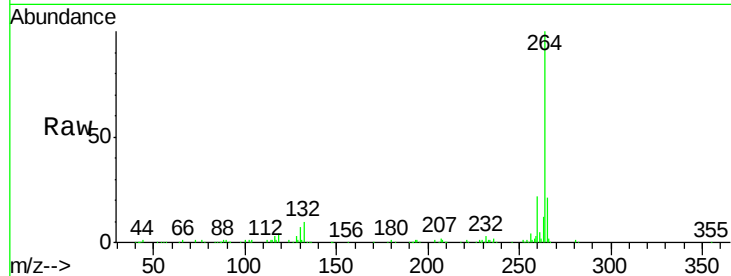
Tgt Ion:264 Resp: 220327

Ion Ratio Lower Upper

264 100

260 22.1 17.0 25.6

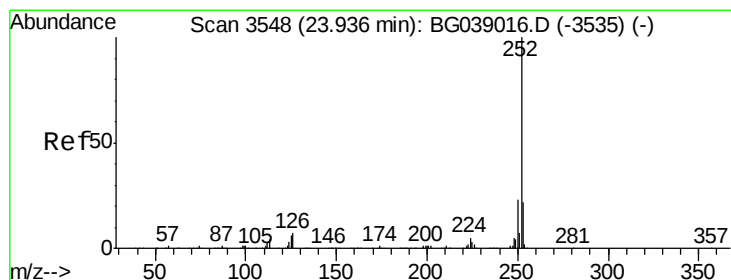
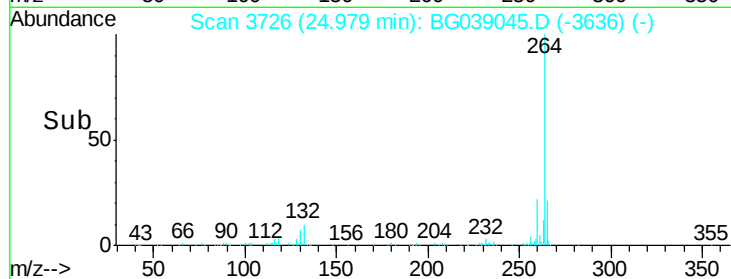
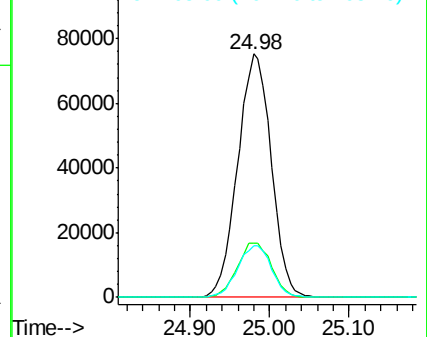
265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.128 ng

RT: 23.93 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

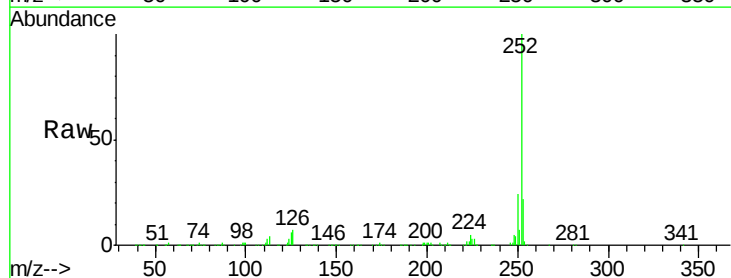
Tgt Ion:252 Resp: 596845

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

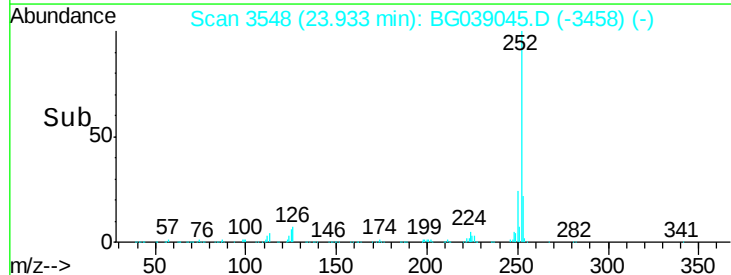
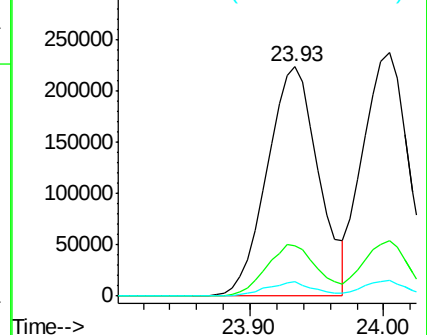
125 6.2 4.9 7.3



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

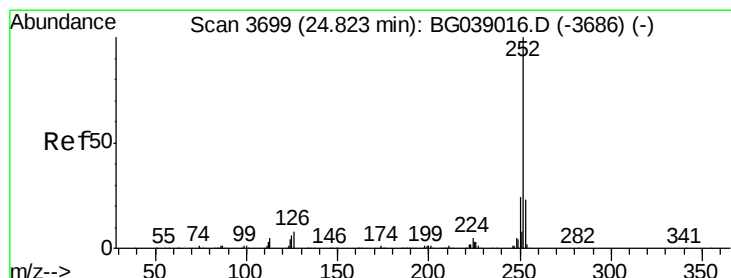
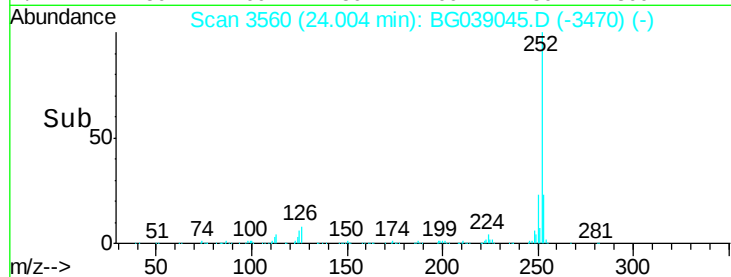
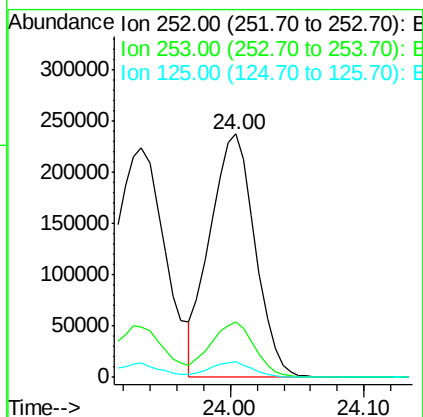
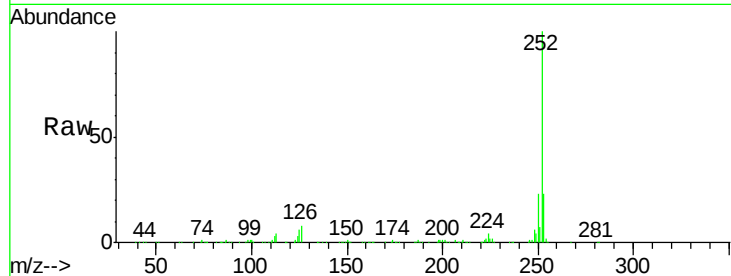




#89
Benzo(k)fluoranthene
Concen: 46.336 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

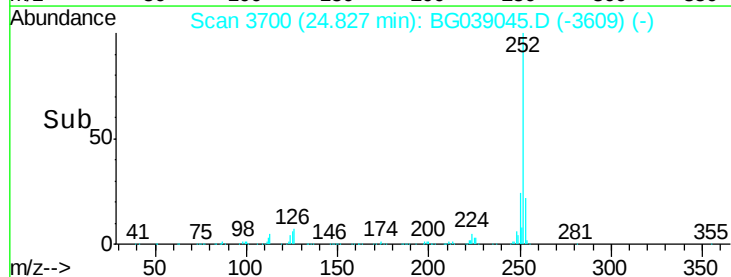
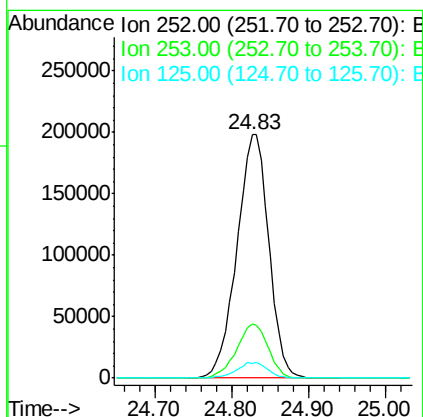
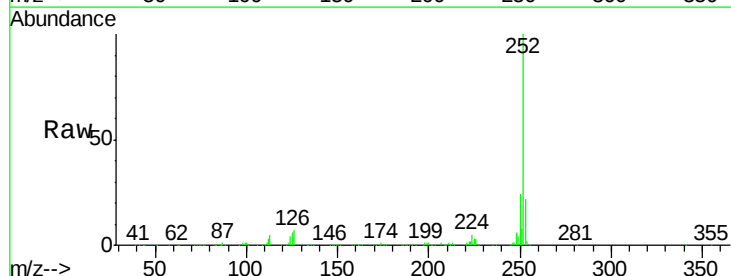
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

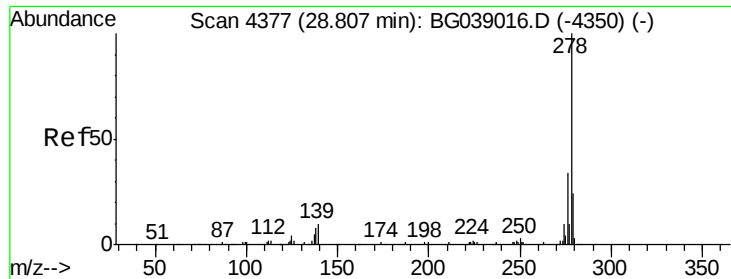
Tgt Ion:252 Resp: 556575
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 6.2 4.6 7.0



#90
Benzo(a)pyrene
Concen: 48.867 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion:252 Resp: 573829
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 6.0 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 49.019 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

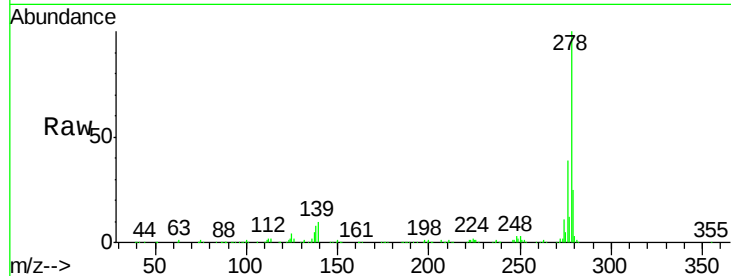
Tgt Ion:278 Resp: 572553

Ion Ratio Lower Upper

278 100

139 9.6 7.9 11.9

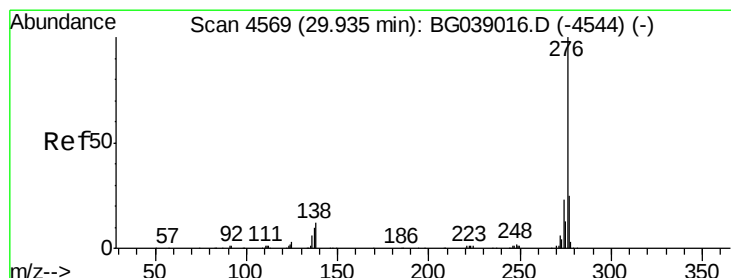
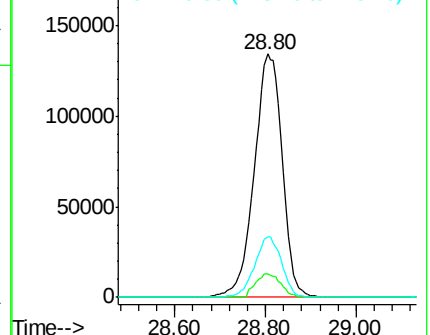
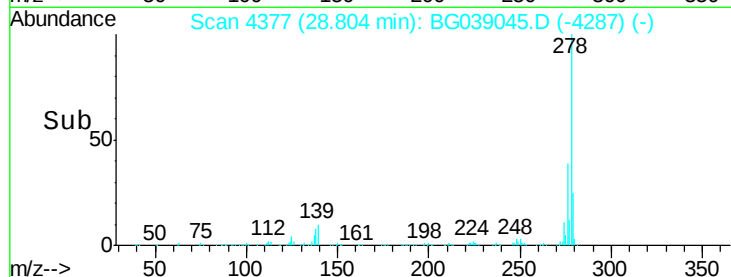
279 24.7 19.3 28.9



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: 49.286 ng

RT: 29.95 min Scan# 4572

Delta R.T. 0.01 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

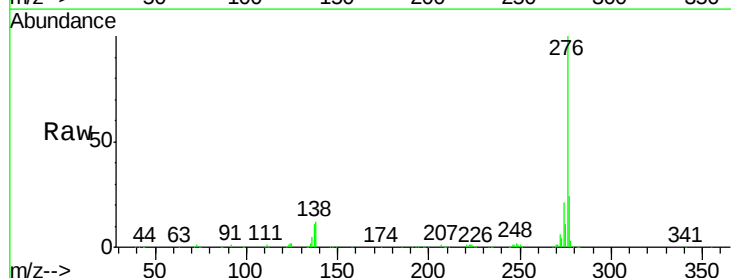
Tgt Ion:276 Resp: 569904

Ion Ratio Lower Upper

276 100

277 23.6 20.3 30.5

138 12.4 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

