

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039178.D
 Acq On : 17 Jan 2019 4:50
 Operator : JU/SJ
 Sample : K1010-04MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Manual Integrations
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Sohil
 1/17/2019 2:09:21 PM

Quant Time: Jan 17 05:48:14 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	8.01	152	21218	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	90854	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	69404	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	173878	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	193485	20.00	ng	-0.02
87) Perylene-d12	24.95	264	202405	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	158363	141.58	ng	-0.01
7) Phenol-d6	7.18	99	200327	124.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	148956	89.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	159887	137.43	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	476511	93.96	ng	-0.01
79) Terphenyl-d14	20.01	244	847260	81.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	13668	31.205	ng	# 1
3) Pyridine	3.87	79	44301	37.222	ng	92
4) n-Nitrosodimethylamine	3.78	42	28471	53.160	ng	98
6) Aniline	7.35	93	17589	9.098	ng	98
8) 2-Chlorophenol	7.58	128	65483	49.665	ng	98
9) Benzaldehyde	7.16	77	18290	19.703	ng	94
10) Phenol	7.21	94	68068	42.178	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	53608	43.462	ng	94
12) 1,3-Dichlorobenzene	7.90	146	65533	41.484	ng	99
13) 1,4-Dichlorobenzene	8.05	146	65980	41.240	ng	98
14) 1,2-Dichlorobenzene	8.37	146	65291	42.802	ng	98
15) Benzyl Alcohol	8.26	79	61572	50.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106808	45.159	ng	98
17) 2-Methylphenol	8.46	107	57340	51.169	ng	96
18) Hexachloroethane	9.09	117	23074	42.452	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	47119	44.576	ng	99
20) 3+4-Methylphenols	8.79	107	78657	49.231	ng	96
22) Acetophenone	8.85	105	100626	42.411	ng	# 99
24) Nitrobenzene	9.24	77	73983	44.084	ng	96
25) Isophorone	9.75	82	161485	56.462	ng	97
26) 2-Nitrophenol	9.95	139	42293	46.591	ng	97
27) 2,4-Dimethylphenol	10.00	122	68687	53.784	ng	94
28) bis(2-Chloroethoxy)methane	10.24	93	82687	48.105	ng	97
29) 2,4-Dichlorophenol	10.48	162	86077	54.254	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	83040	43.561	ng	98
31) Naphthalene	10.88	128	213470	46.847	ng	99
32) Benzoic acid	10.15	122	15897	25.703	ng	# 86
33) 4-Chloroaniline	11.02	127	4063	1.993	ng	# 89
34) Hexachlorobutadiene	11.14	225	59191	45.125	ng	99
35) Caprolactam	11.79	113	19136m	30.078	ng	
36) 4-Chloro-3-methylphenol	12.12	107	120178	70.821	ng	92
37) 2-Methylnaphthalene	12.49	142	231040	67.628	ng	99
38) 1-Methylnaphthalene	12.70	142	209791	63.977	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	127948	49.088	ng	99

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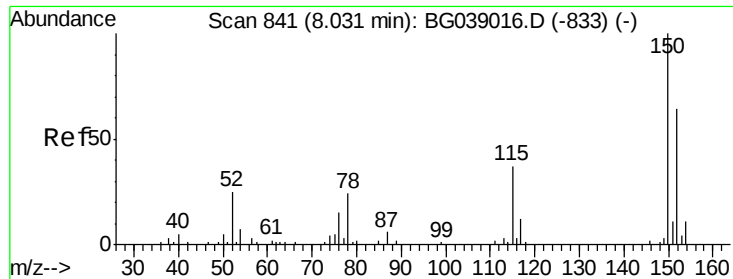
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	127109	86.114	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	88387	53.879	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	94707	54.622	nq	96
46) 1,1'-Biphenyl	13.49	154	267637	48.666	nq	99
47) 2-Chloronaphthalene	13.54	162	217490	48.871	nq	98
48) 2-Nitroaniline	13.76	65	65445	52.492	nq	92
49) Acenaphthylene	14.38	152	318415	47.602	nq	99
50) Dimethylphthalate	14.11	163	292964	49.952	nq	100
51) 2,6-Dinitrotoluene	14.25	165	61741	47.086	nq	97
52) Acenaphthene	14.72	154	183826	45.740	nq	97
53) 3-Nitroaniline	14.59	138	3292	2.475	nq #	93
54) 2,4-Dinitrophenol	14.80	184	26265	36.634	nq	95
55) Dibenzofuran	15.06	168	319810	45.057	nq	100
56) 4-Nitrophenol	14.90	139	70430	73.587	nq	98
57) 2,4-Dinitrotoluene	15.04	165	83819	44.556	nq	95
58) Fluorene	15.71	166	258768	48.433	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	82064	50.140	nq	99
60) Diethylphthalate	15.47	149	272271	45.058	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	149473	44.407	nq	99
62) 4-Nitroaniline	15.75	138	50719	36.602	nq	91
63) Azobenzene	15.99	77	211390	44.734	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33441	25.960	nq	96
66) n-Nitrosodiphenylamine	15.91	169	236510	45.883	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	102342	45.788	nq	99
68) Hexachlorobenzene	16.70	284	110818	45.437	nq	96
69) Atrazine	16.86	200	97266	44.419	nq	96
70) Pentachlorophenol	17.06	266	87167	59.451	nq	97
71) Phenanthrene	17.45	178	442993	48.200	nq	99
72) Anthracene	17.54	178	450562	49.583	nq	99
73) Carbazole	17.82	167	391209	43.610	nq	99
74) Di-n-butylphthalate	18.35	149	470267	47.123	nq	99
75) Fluoranthene	19.46	202	547594	48.062	nq	99
77) Benzidine	19.65	184	53433	9.029	nq	99
78) Pyrene	19.82	202	552471	44.805	nq	99
80) Butylbenzylphthalate	20.69	149	205854	43.894	nq	98
81) Benzo(a)anthracene	21.66	228	592342	50.291	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	48501	10.106	nq #	92
83) Chrysene	21.73	228	555614	49.598	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	320838	49.270	nq	97
85) Di-n-octyl phthalate	22.74	149	523014	47.500	nq	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	650505	48.597	nq #	96
88) Benzo(b)fluoranthene	23.90	252	554535	49.687	nq	99
89) Benzo(k)fluoranthene	23.97	252	544180	49.315	nq	99
90) Benzo(a)pyrene	24.80	252	538133	49.885	nq	99
91) Dibenzo(a,h)anthracene	28.75	278	541803	50.494	nq	99
92) Benzo(g,h,i)perylene	29.87	276	537911	50.638	nq	96

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



#1

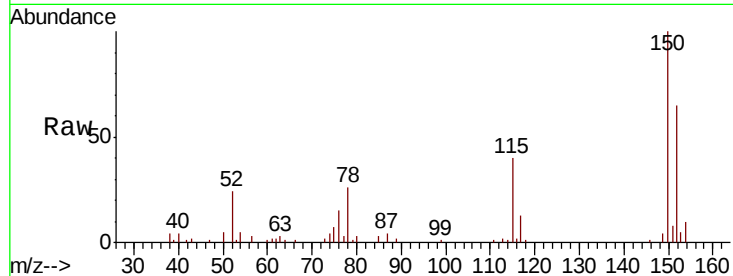
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.7	187.1
115	60.7	46.5	69.7

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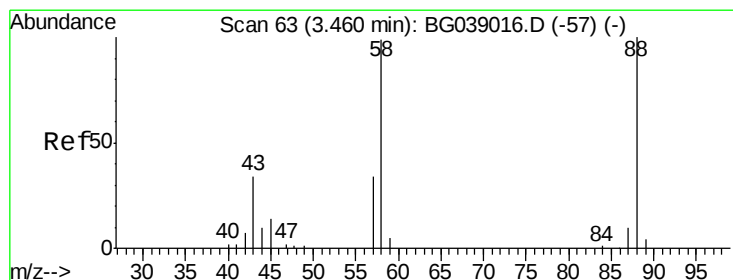
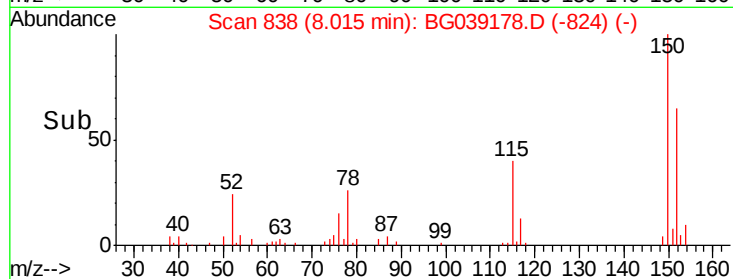
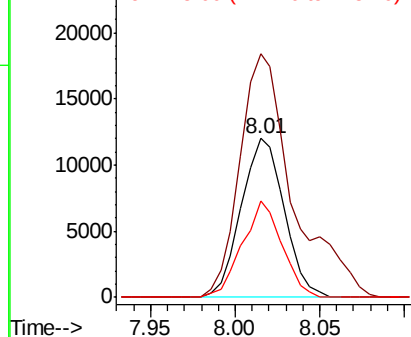


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

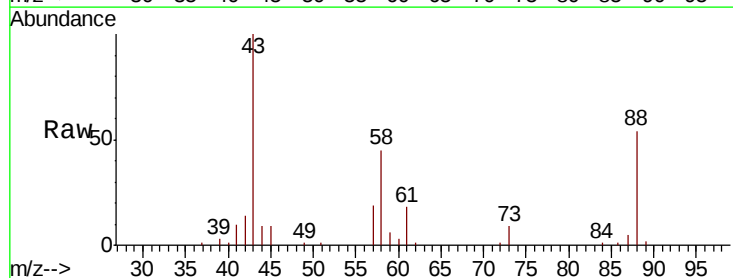
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.205 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.00 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	72.4	108.6
43	287.9	27.6	41.4#

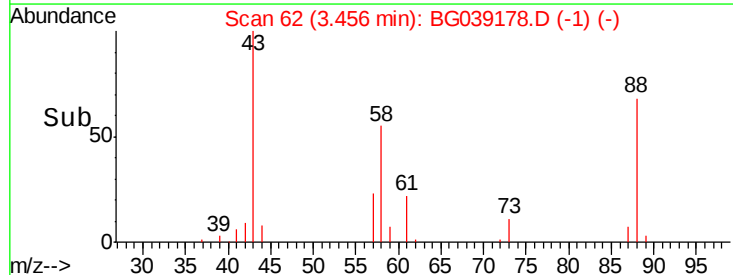
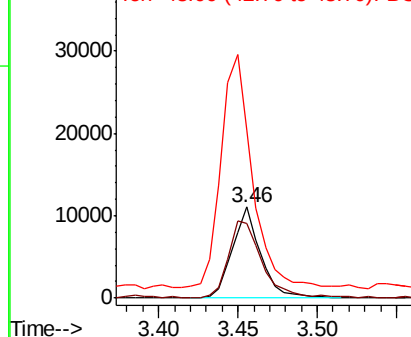


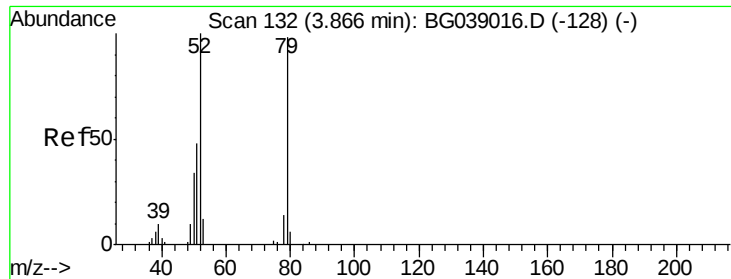
Abundance

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

Pvridine

Concen: 37.222 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

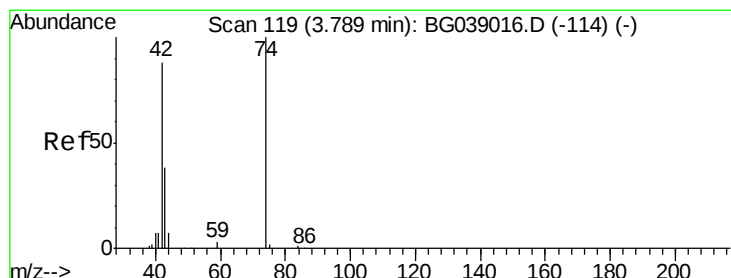
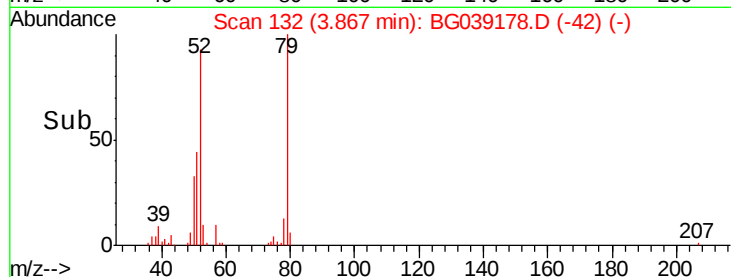
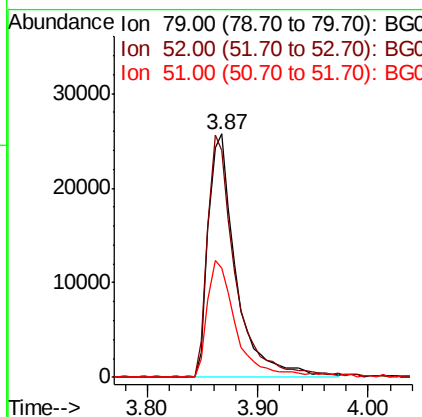
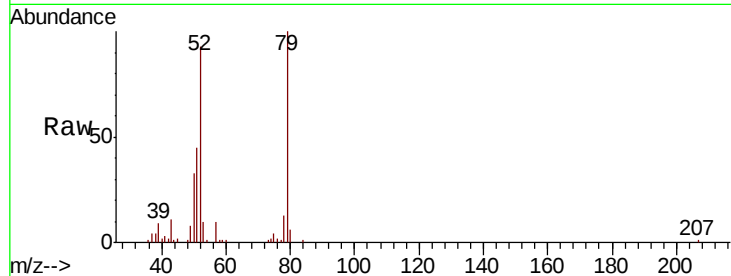
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	79	Resp:	44301
Ion	Ratio	Lower	Upper
79	100		
52	93.3	81.5	122.3
51	44.7	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 53.160 ng

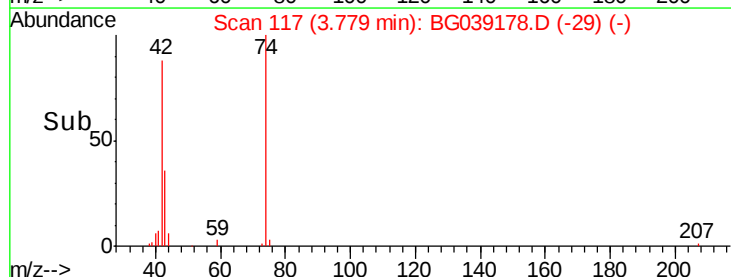
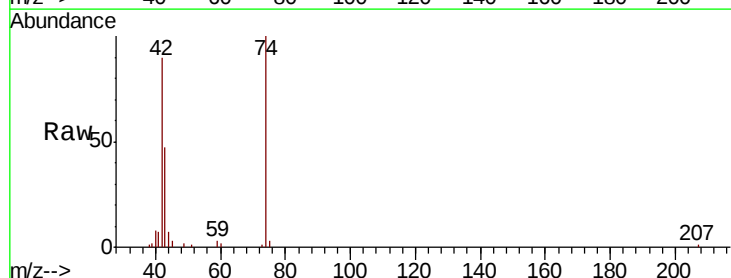
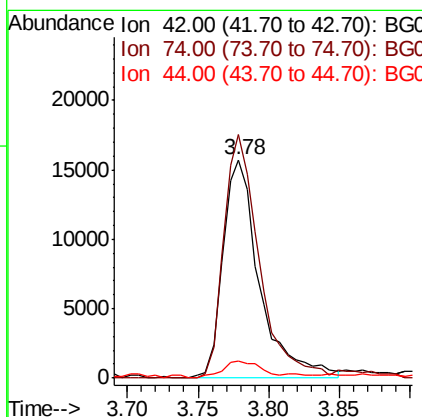
RT: 3.78 min Scan# 117

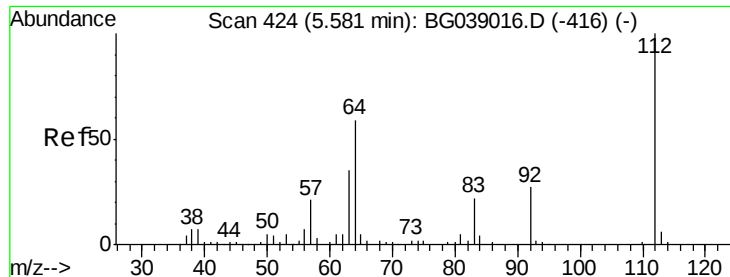
Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	42	Resp:	28471
Ion	Ratio	Lower	Upper
42	100		
74	111.5	90.7	136.1
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 141.583 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

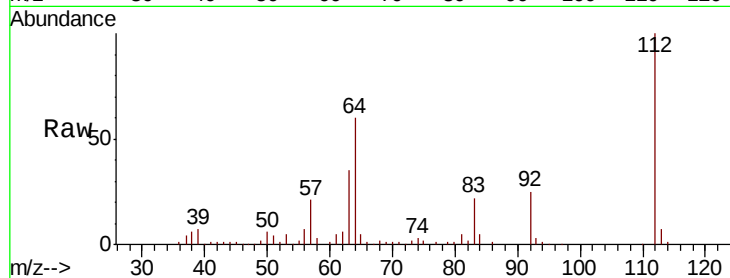
ClientSampleId :

OK-01-011519-AMS

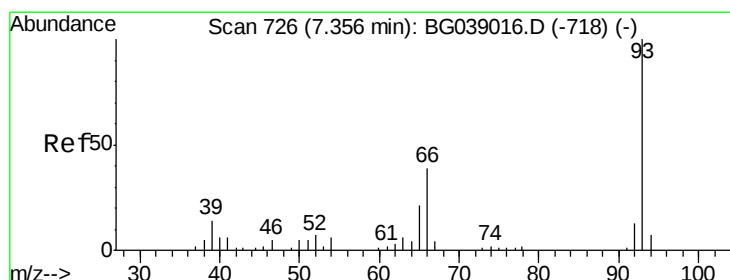
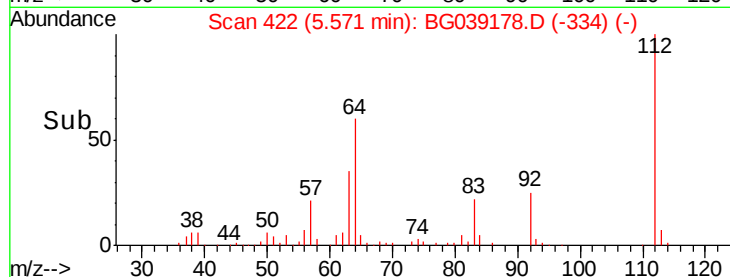
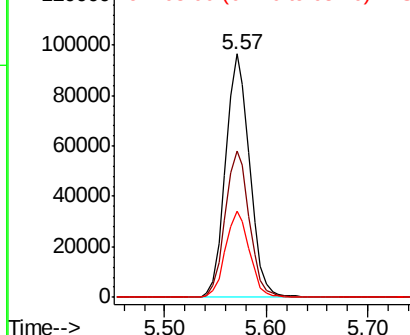
Tot Ion:	112	Resp:	158363
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.0	70.6
63	35.3	28.0	42.0

Manual Integrations
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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: 9.098 ng

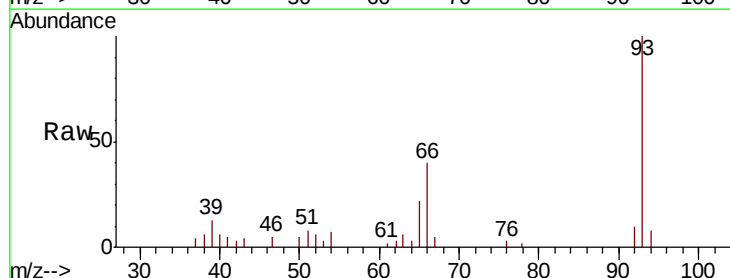
RT: 7.35 min Scan# 724

Delta R.T. -0.01 min

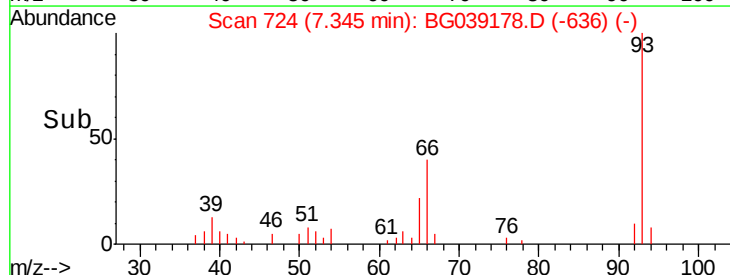
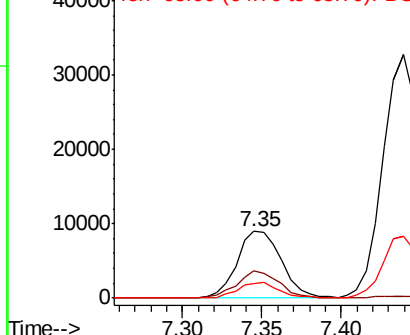
Lab File: BG039178.D

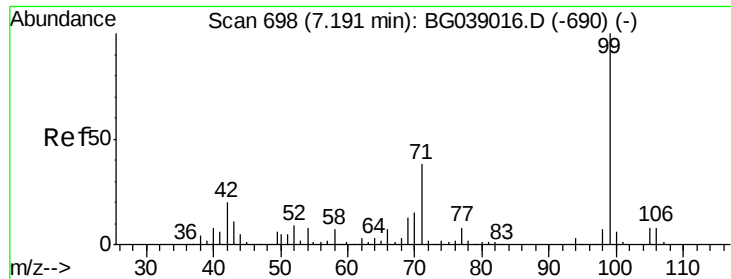
Acq: 17 Jan 2019 4:50

Tgt Ion:	93	Resp:	17589
Ion Ratio	Lower	Upper	
93	100		
66	40.3	30.9	46.3
65	22.0	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: 124.451 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

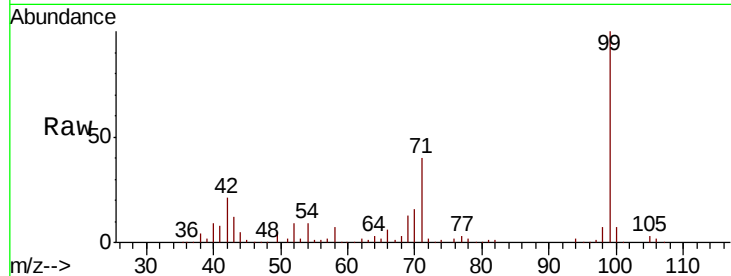
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	99	Resp:	200327
Ion Ratio	Lower	Upper	
99	100		
42	21.1	15.8	23.6
71	40.1	30.2	45.4

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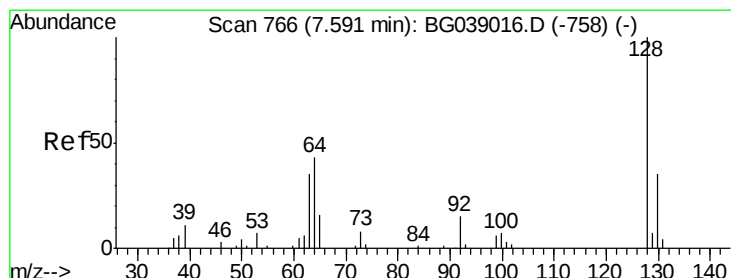
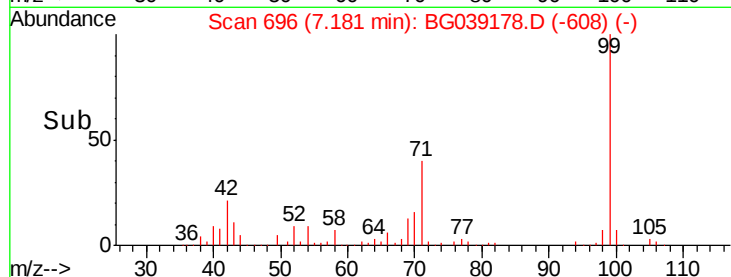
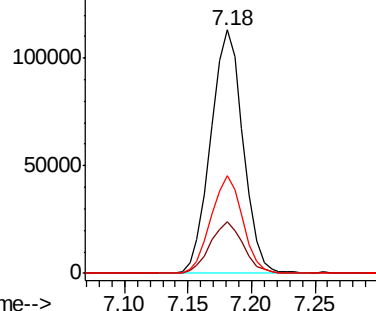


Abundance

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: 49.665 ng

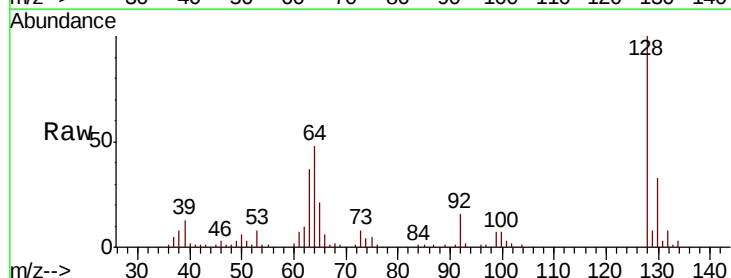
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	128	Resp:	65483
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.5	54.5
64	48.5	27.3	67.3

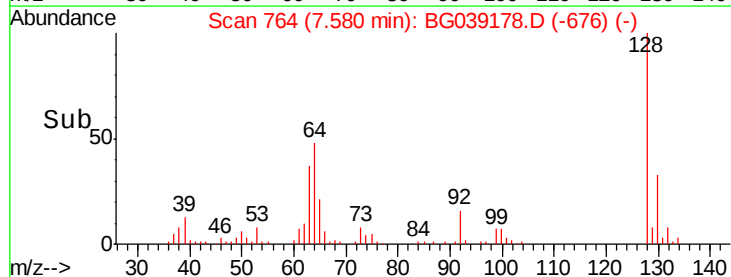
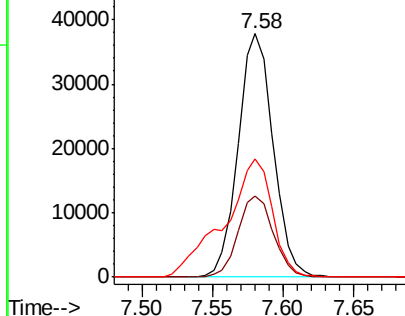


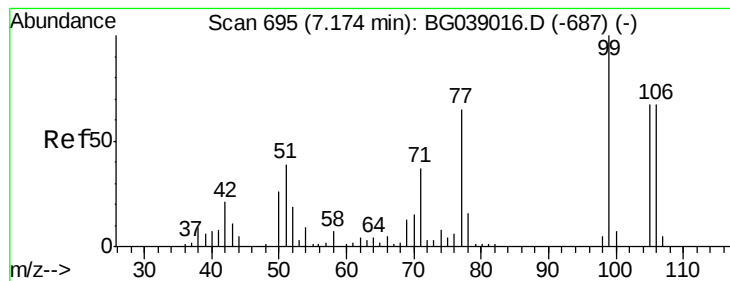
Abundance

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: 19.703 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

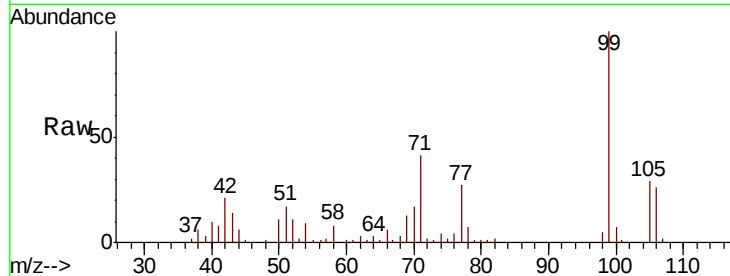
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	77	Resp:	18290
Ion	Ratio	Lower	Upper
77	100		
105	109.0	82.4	122.4
106	96.3	82.8	122.8

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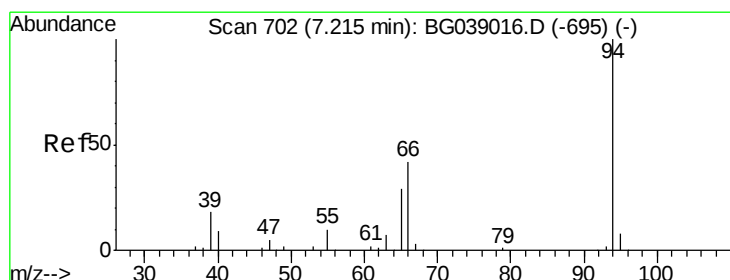
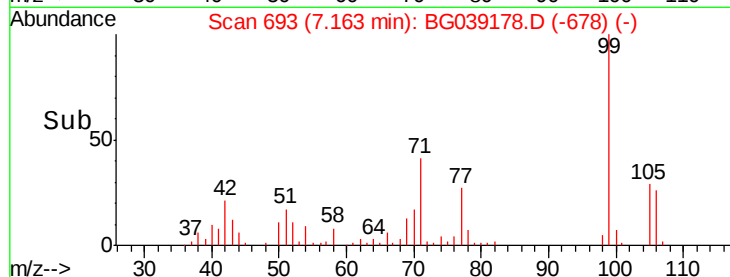
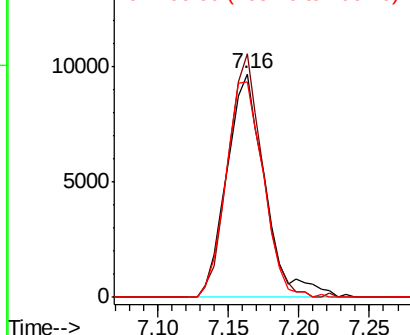


Abundance

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: 42.178 ng

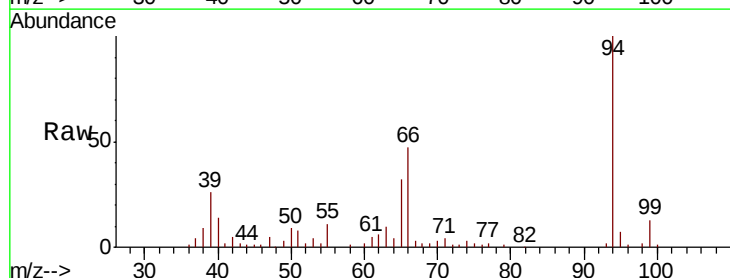
RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	94	Resp:	68068
Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.3	50.3
66	47.0	25.1	65.1

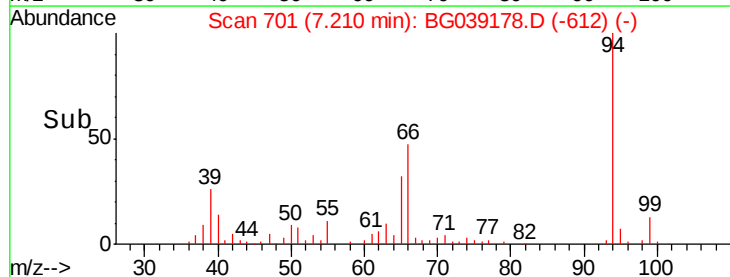
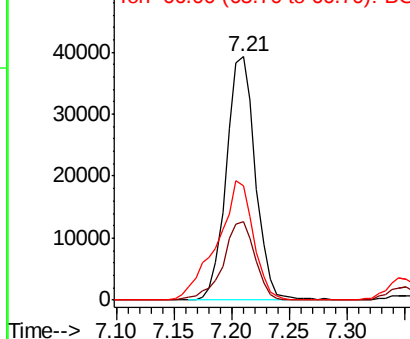


Abundance

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





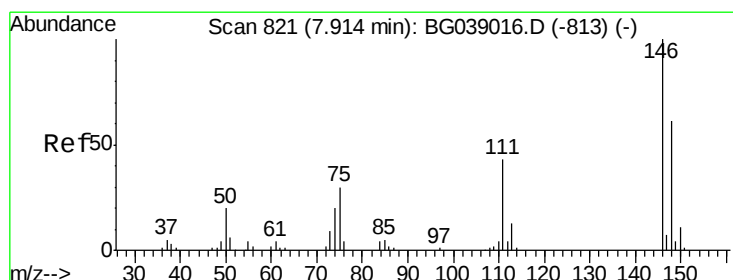
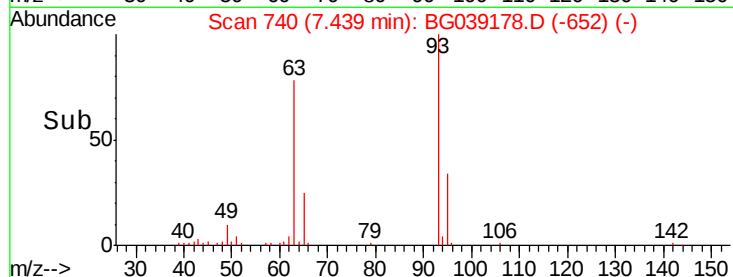
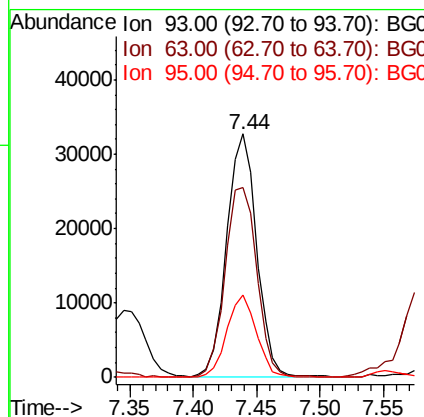
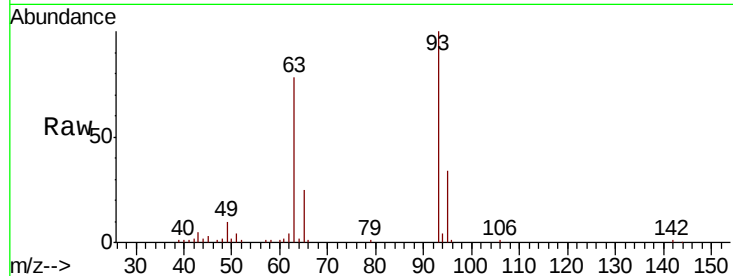
#11
bis(2-Chloroethyl)ether
Concen: 43.462 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	63.2	103.2
95	33.9	11.2	51.2

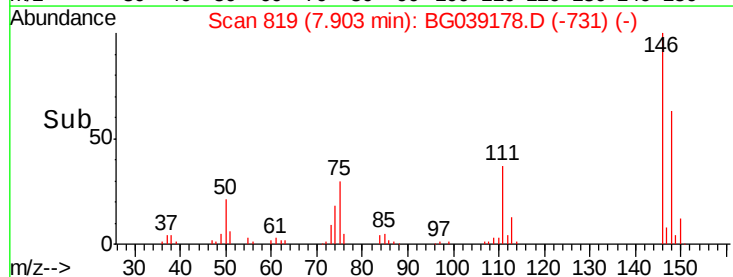
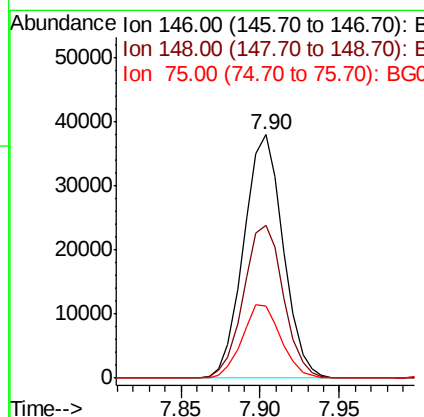
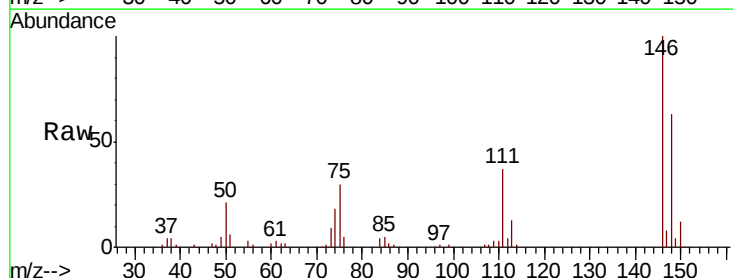
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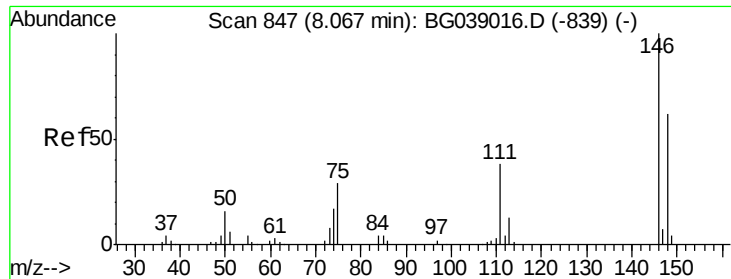
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.484 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.1	73.7
75	29.6	23.9	35.9





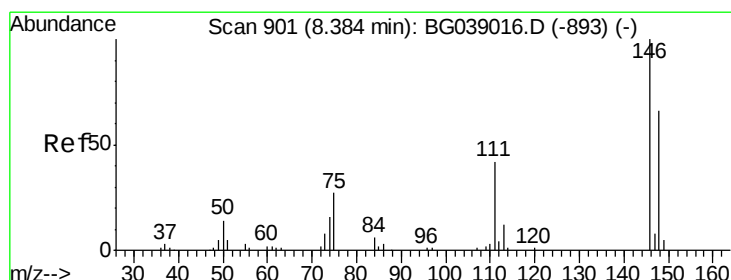
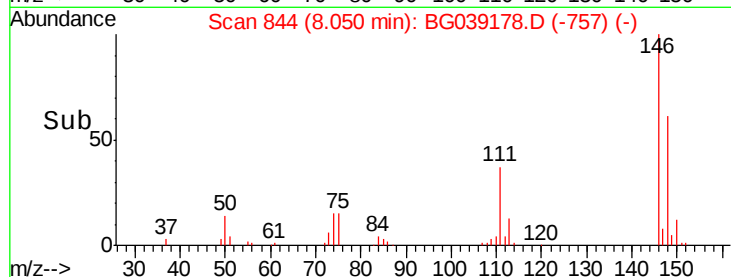
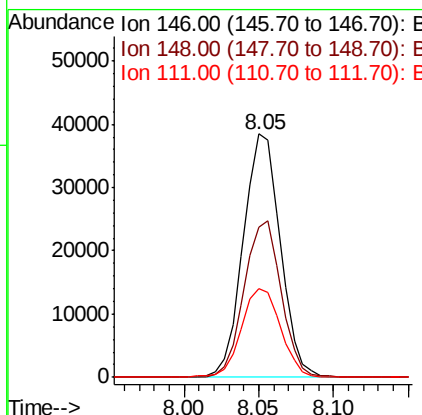
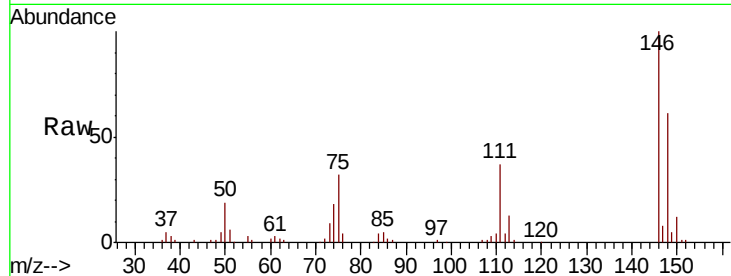
#13
 1,4-Dichlorobenzene
 Concen: 41.240 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	49.8	74.6
111	36.7	30.6	45.8

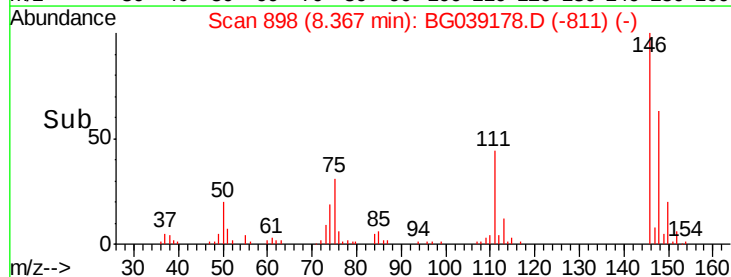
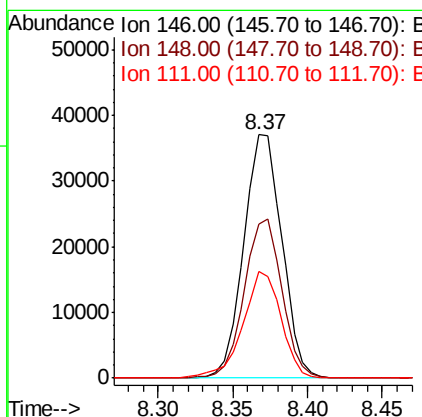
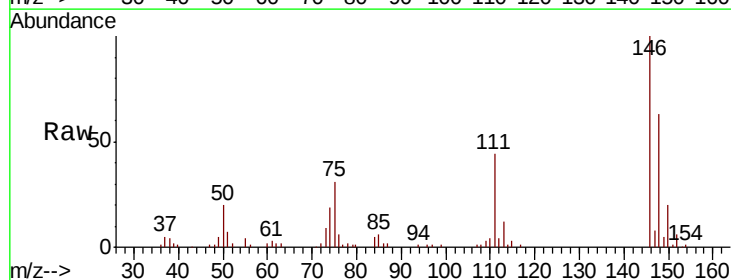
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#14
 1,2-Dichlorobenzene
 Concen: 42.802 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	79.0
111	43.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 50.793 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

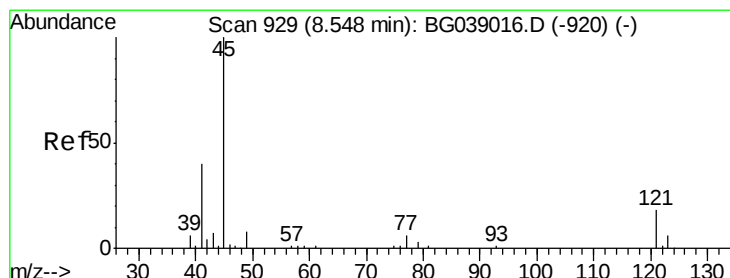
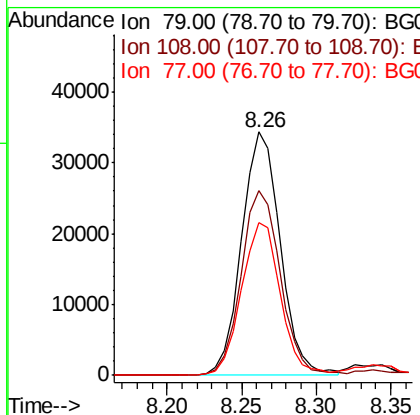
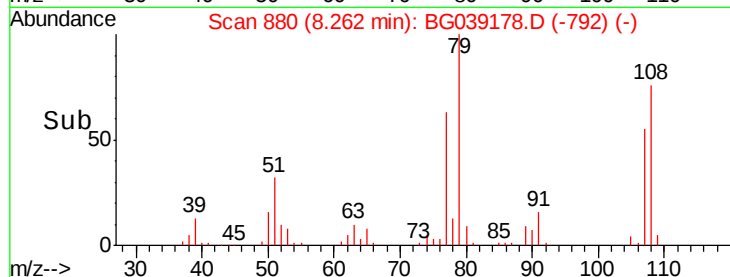
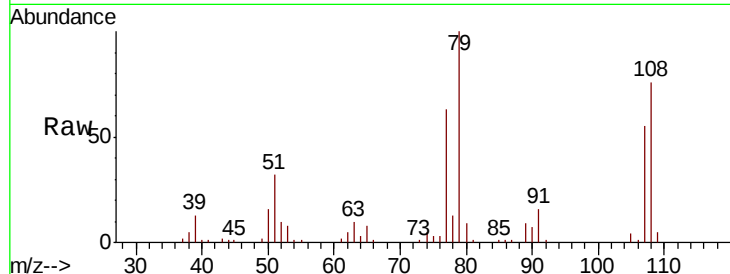
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	79	Resp:	61572
Ion Ratio	Lower	Upper	
79	100		
108	75.8	62.0	93.0
77	62.7	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.159 ng

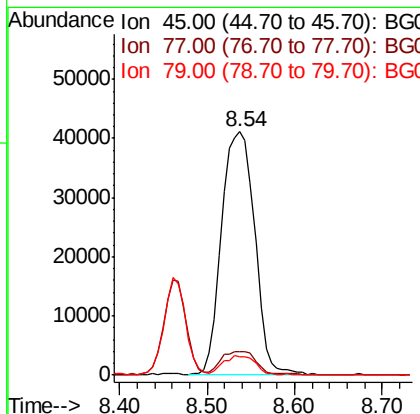
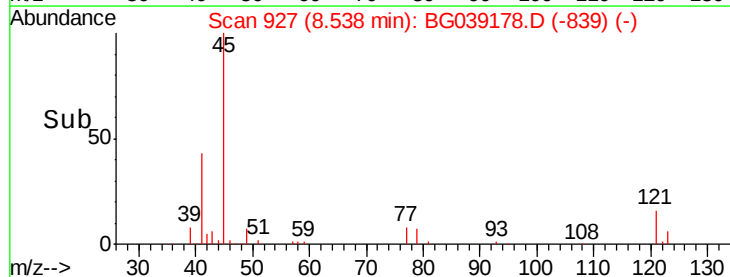
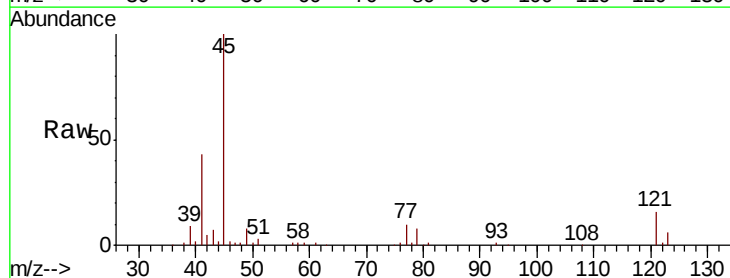
RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	45	Resp:	106808
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.7
79	7.8	0.0	28.5





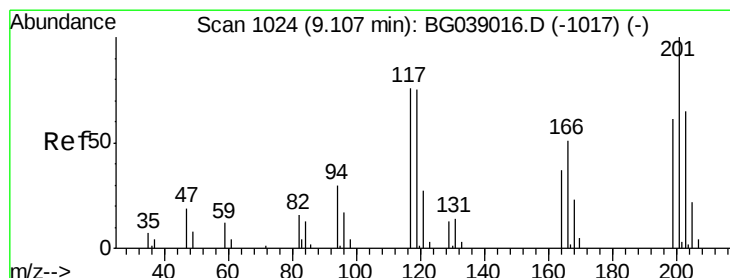
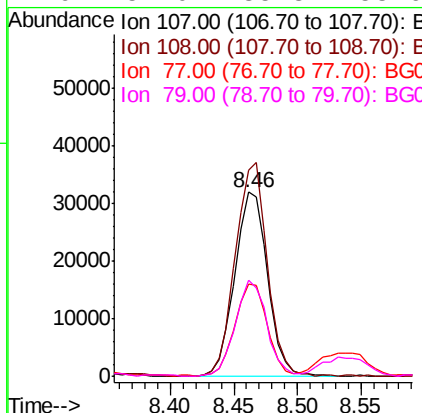
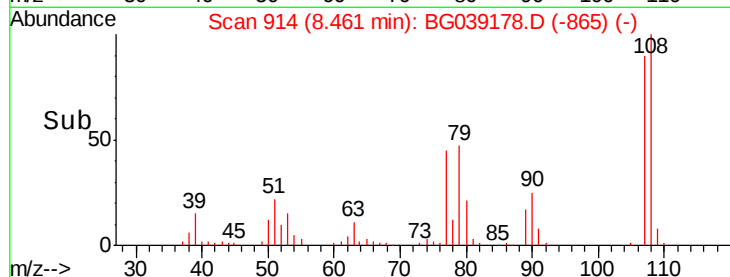
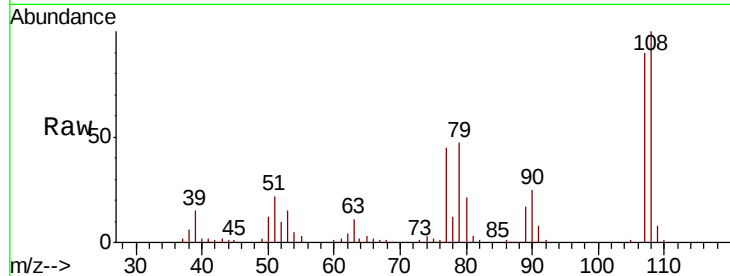
#17
2-Methylphenol
Concen: 51.169 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion:	107	Resp:	57340
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.3	135.5
77	50.2	38.3	57.5
79	52.0	35.8	53.6

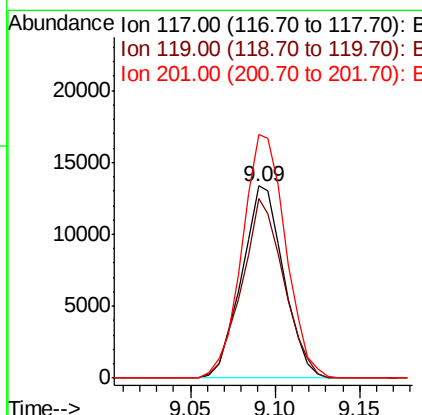
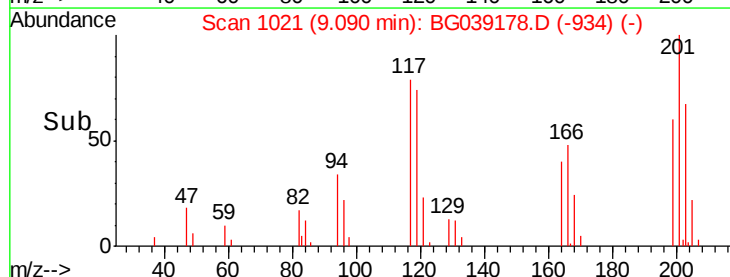
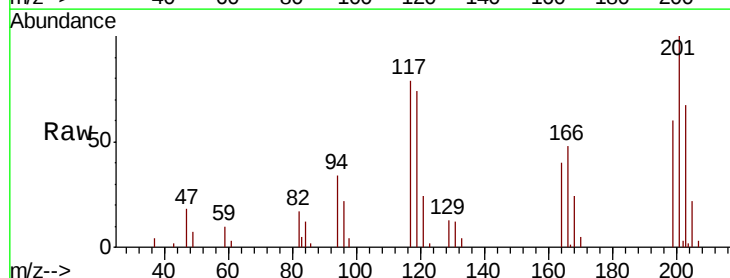
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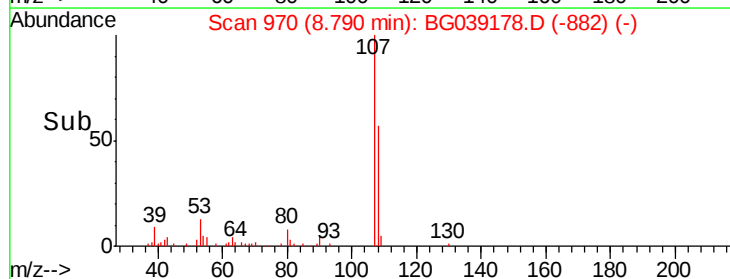
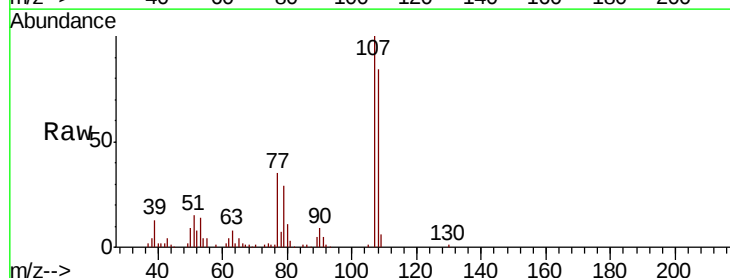
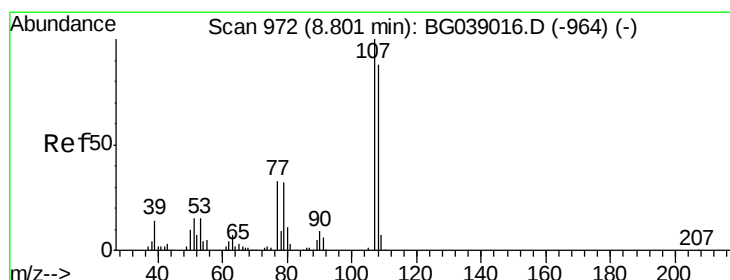
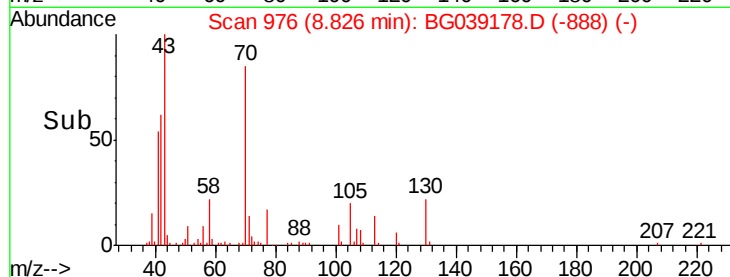
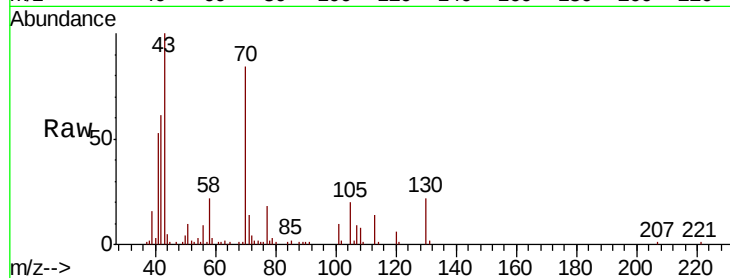
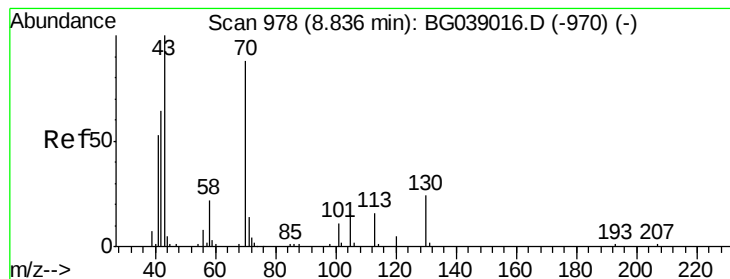
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#18
Hexachloroethane
Concen: 42.452 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:	117	Resp:	23074
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.7	118.1
201	126.9	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 44.576 ng

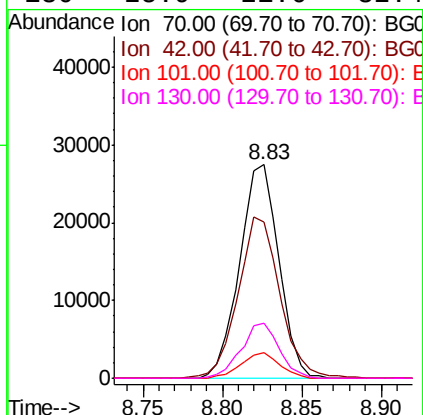
RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	73.3	59.0	88.4		
101	12.1	10.4	15.6		
130	25.9	21.6	32.4		



Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

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#20

3+4-Methylphenols

Concen: 49.231 ng

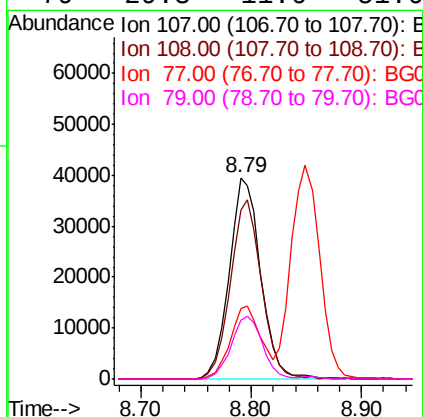
RT: 8.79 min Scan# 970

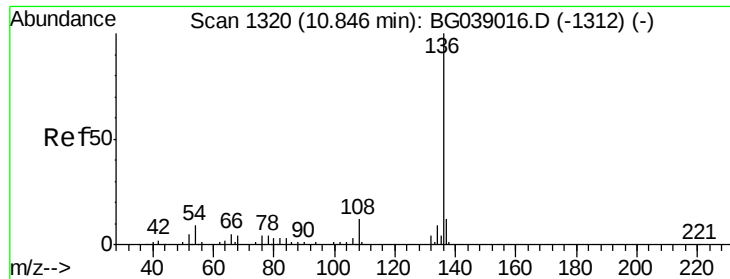
Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.0	68.4	108.4		
77	35.2	13.3	53.3		
79	29.3	11.6	51.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

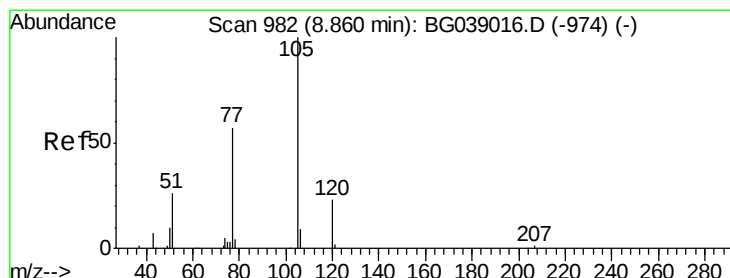
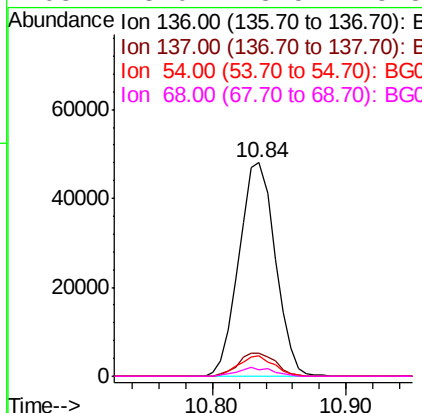
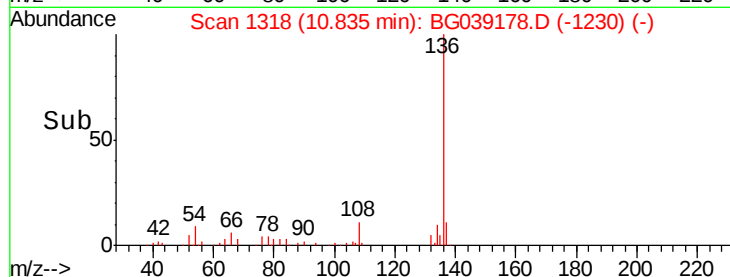
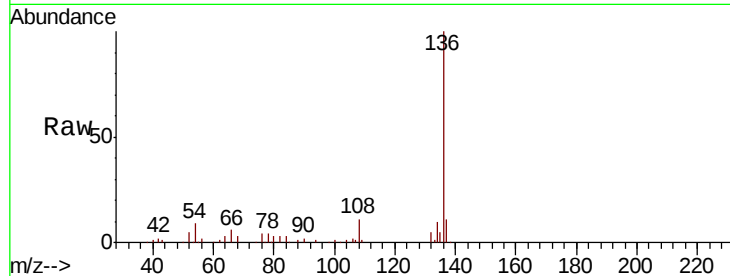
ClientSampleId :

OK-01-011519-AMS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.4	14.2
54	9.4	7.2	10.8
68	3.0	3.5	5.3#

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#22

Acetophenone

Concen: 42.411 ng

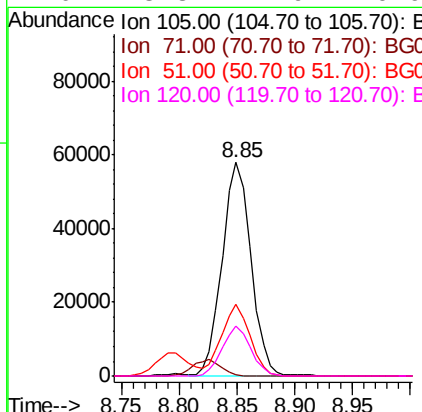
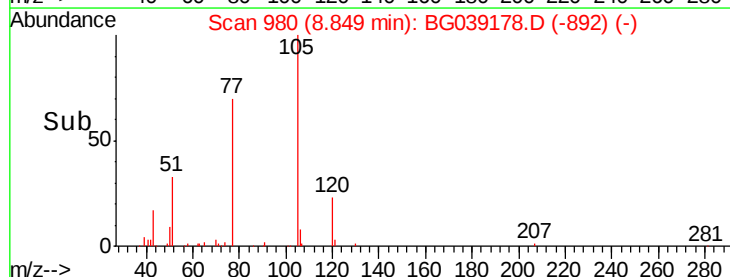
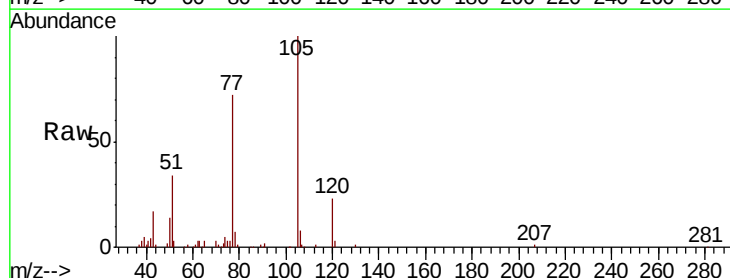
RT: 8.85 min Scan# 980

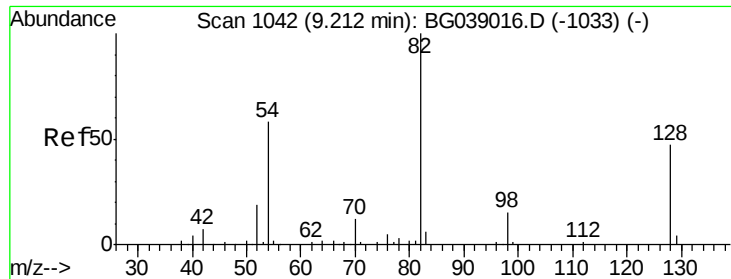
Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	33.5	26.6	39.8
120	23.3	17.9	26.9





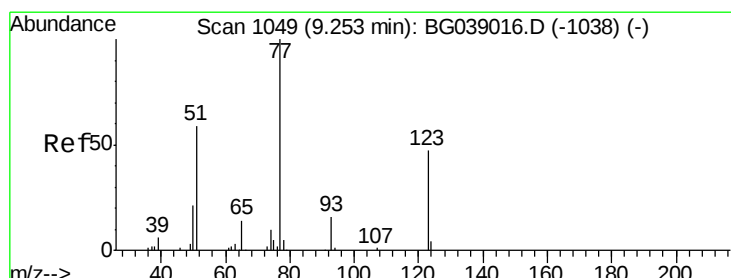
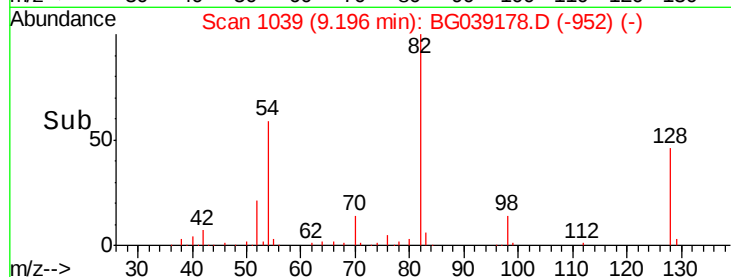
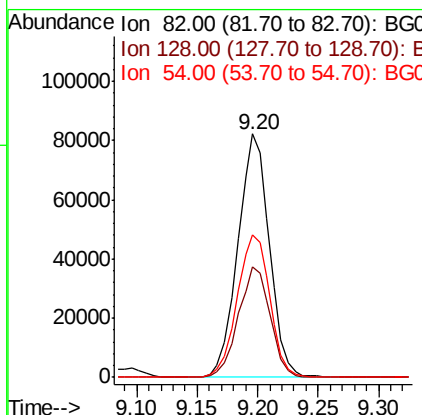
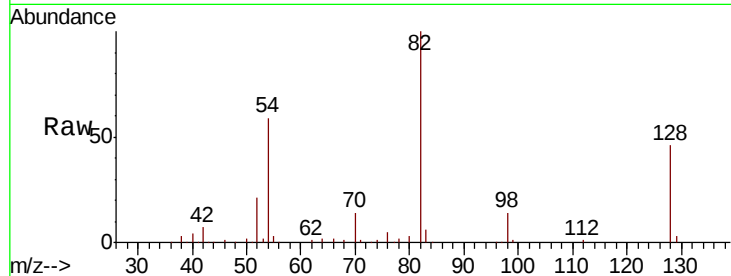
#23
 Nitrobenzene-d5
 Concen: 89.713 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.3	55.9
54	58.8	46.4	69.6

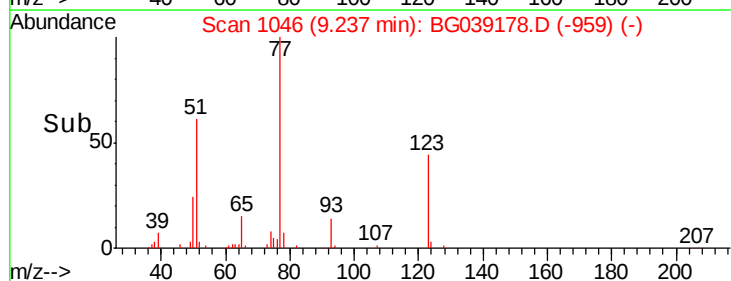
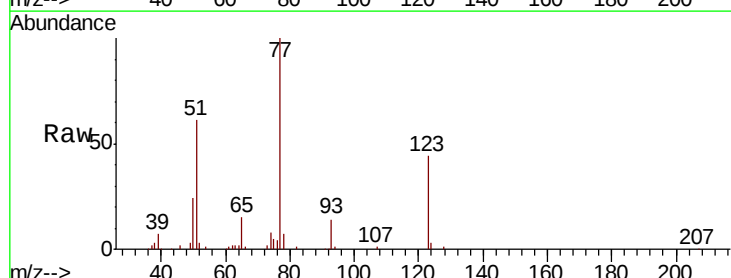
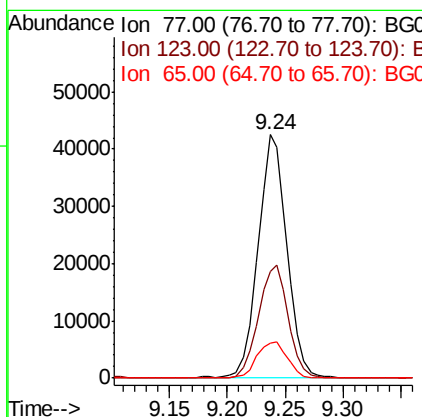
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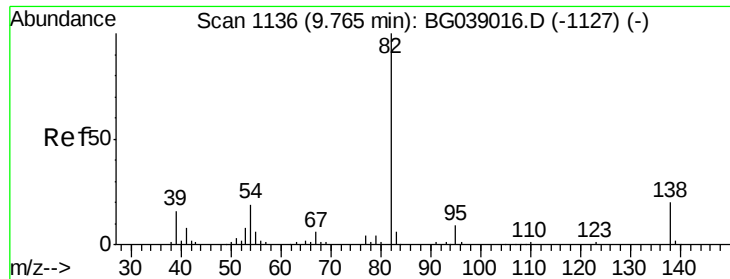
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#24
 Nitrobenzene
 Concen: 44.084 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	37.6	56.4
65	14.6	11.0	16.6





#25

Isophorone

Concen: 56.462 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

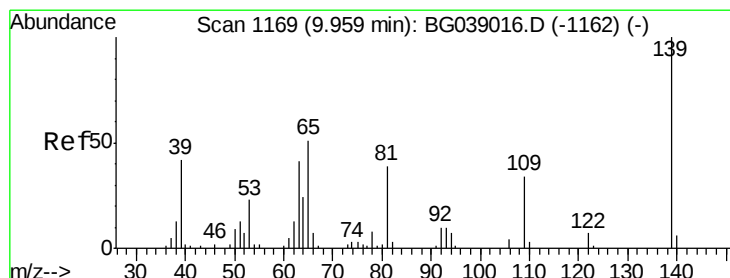
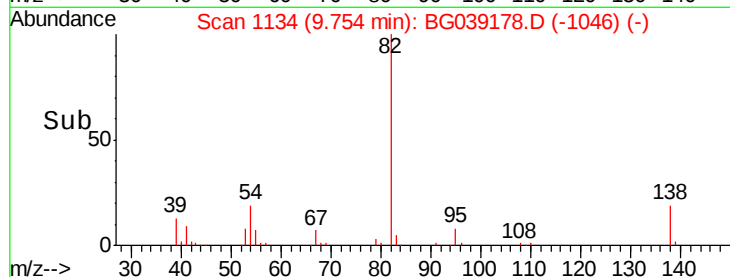
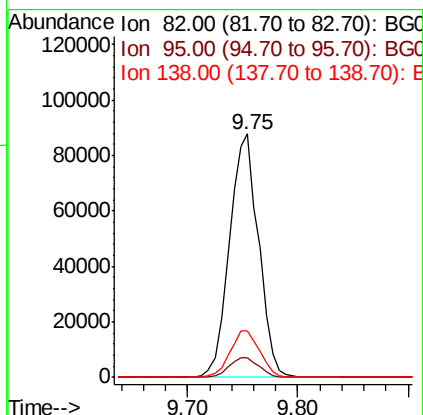
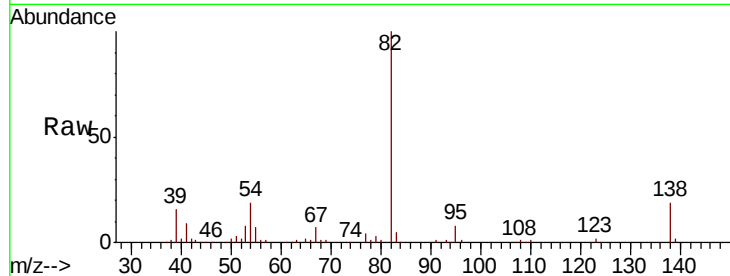
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	82	Resp:	161485
Ion Ratio	Lower	Upper	
82	100		
95	7.8	7.0	10.6
138	18.9	16.2	24.4

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#26

2-Nitrophenol

Concen: 46.591 ng

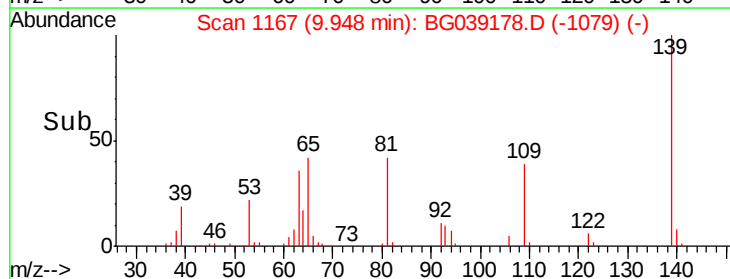
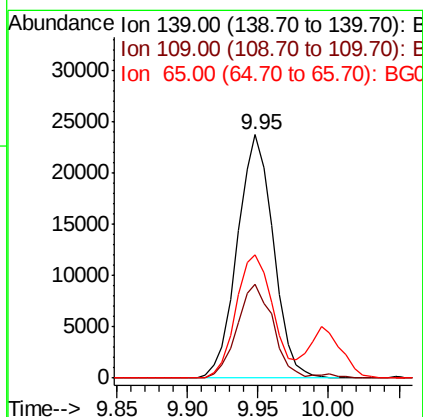
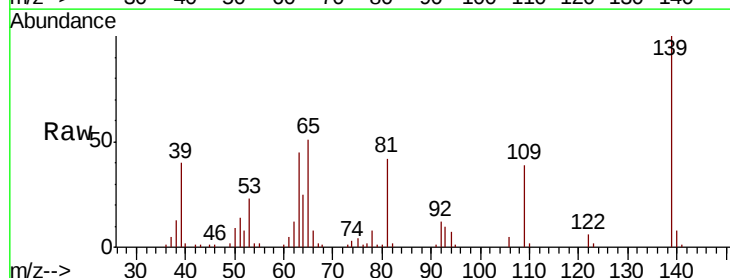
RT: 9.95 min Scan# 1167

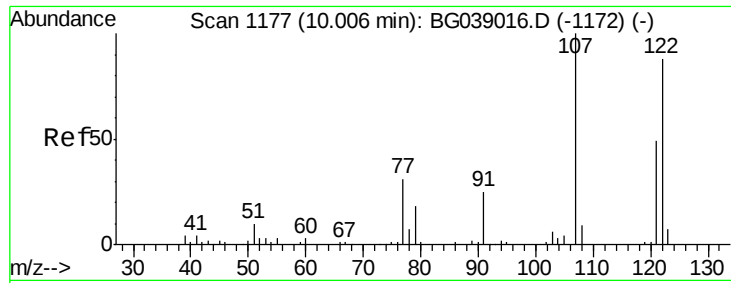
Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	139	Resp:	42293
Ion Ratio	Lower	Upper	
139	100		
109	38.5	27.3	40.9
65	50.8	40.6	61.0





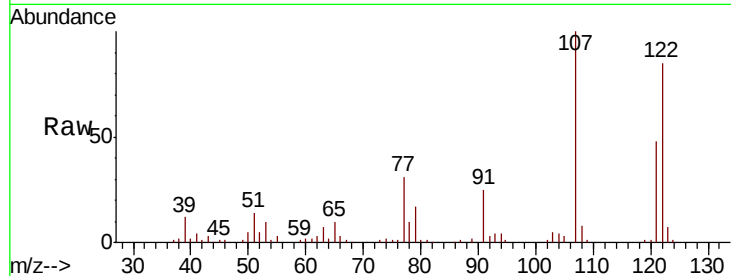
#27
 2,4-Dimethylphenol
 Concen: 53.784 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

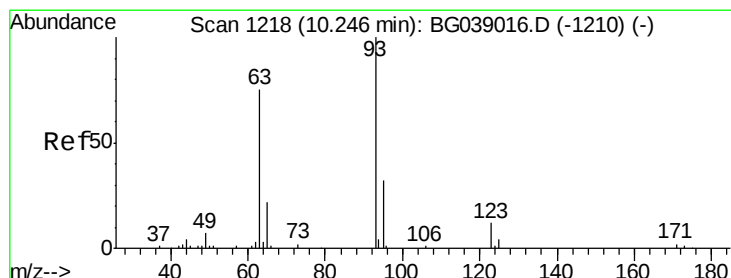
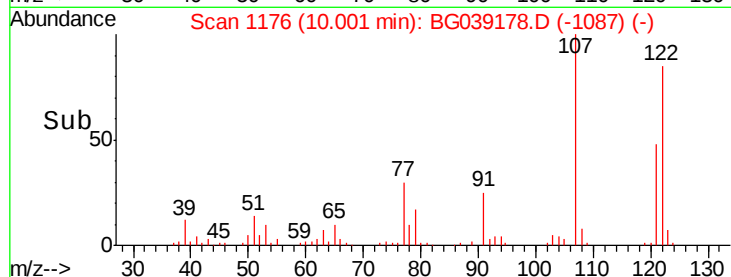
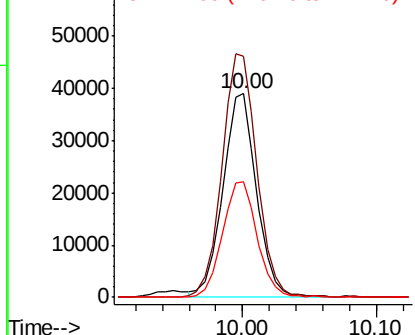
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	88.8	133.2
121	56.6	43.1	64.7

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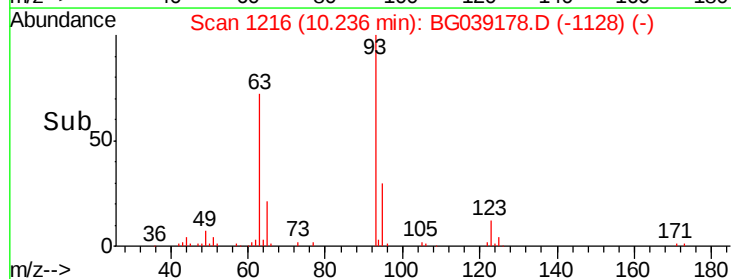
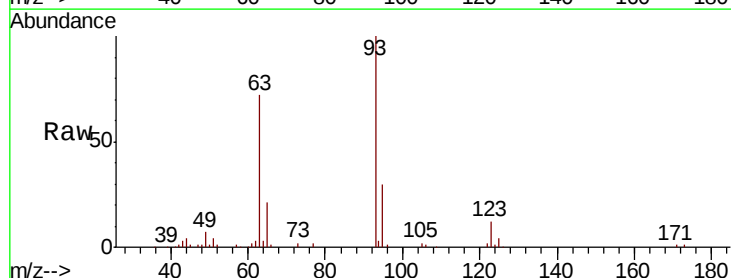
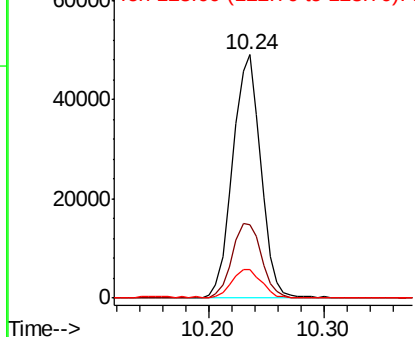
Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

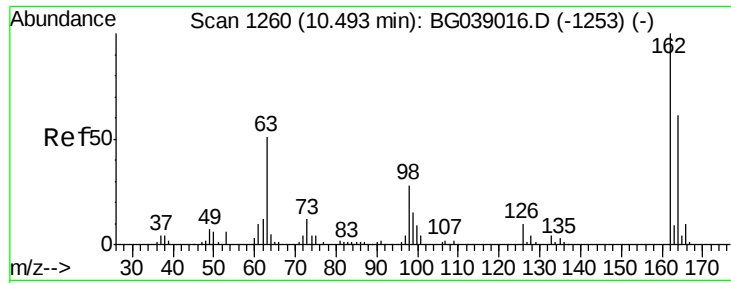


#28
 bis(2-Chloroethoxy)methane
 Concen: 48.105 ng
 RT: 10.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.6	38.4
123	11.9	10.1	15.1

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





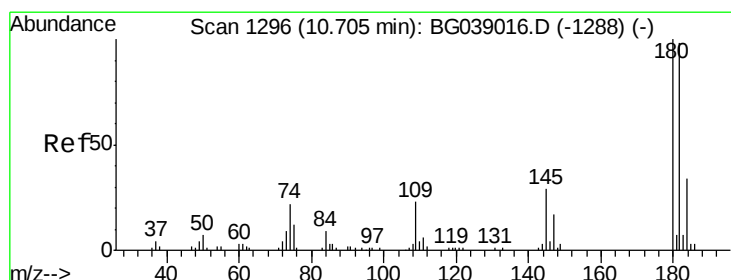
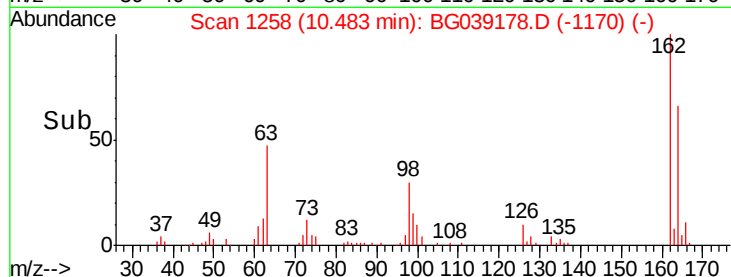
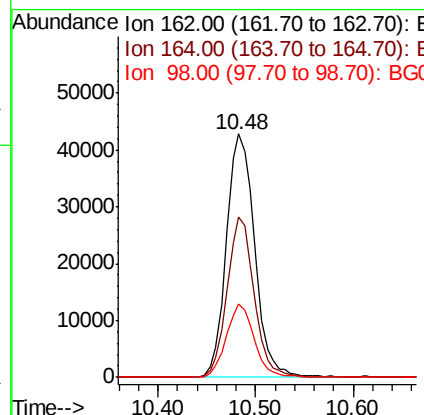
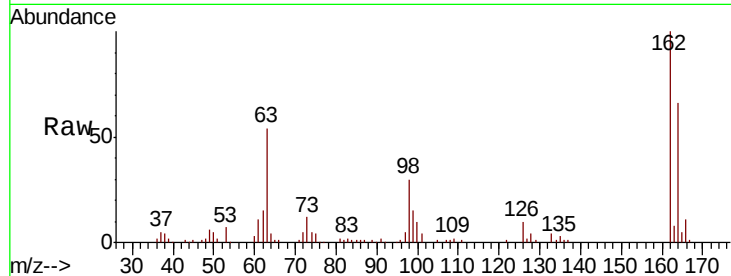
#29
 2,4-Dichlorophenol
 Concen: 54.254 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	41.3	81.3
98	29.9	8.3	48.3

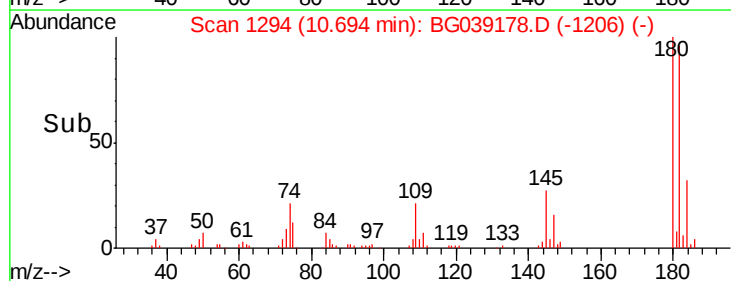
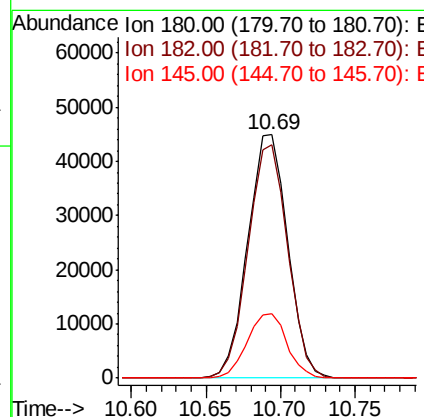
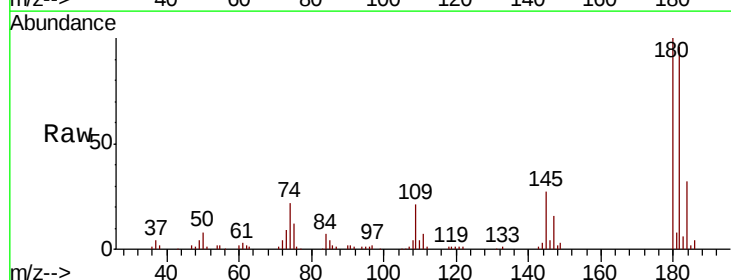
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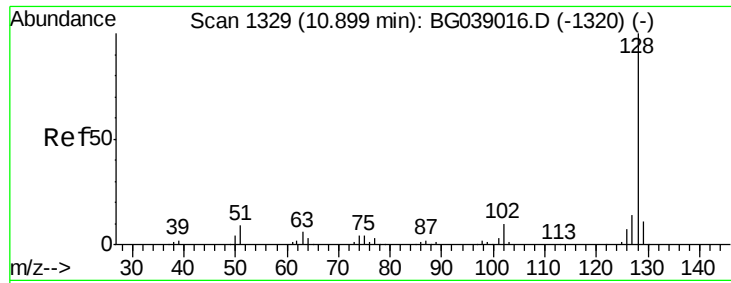
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.561 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.1	117.1
145	26.6	23.1	34.7





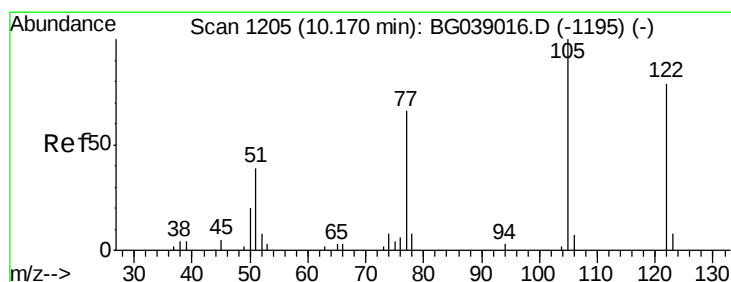
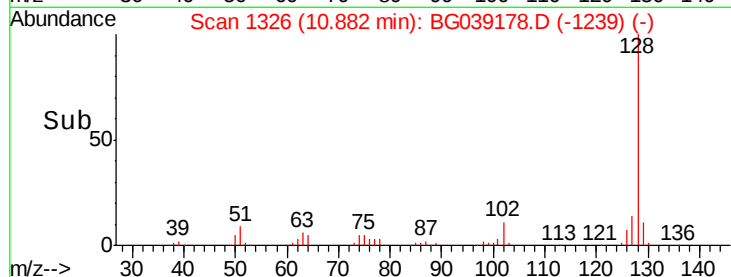
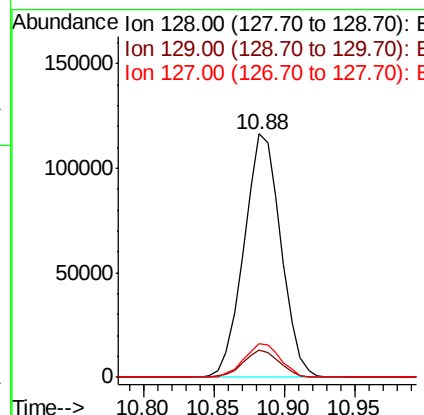
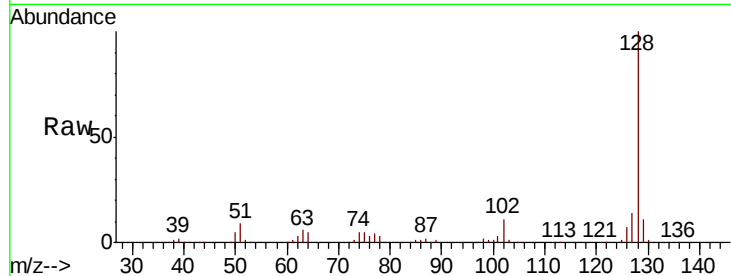
#31
Naphthalene
Concen: 46.847 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.9	11.2	16.8

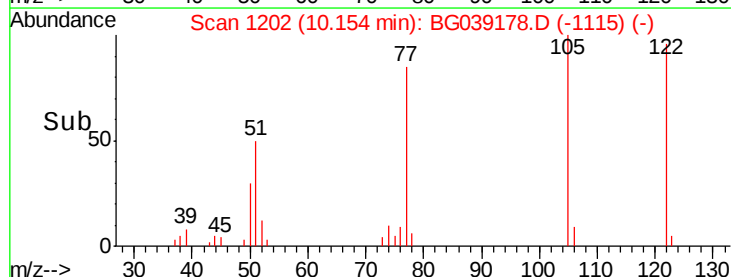
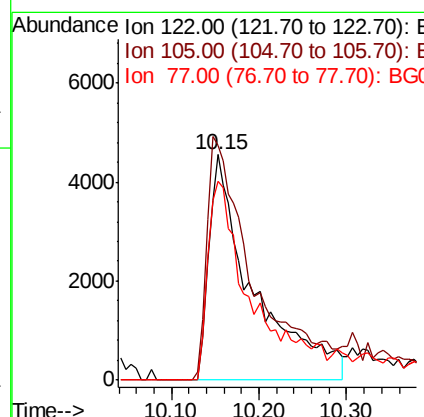
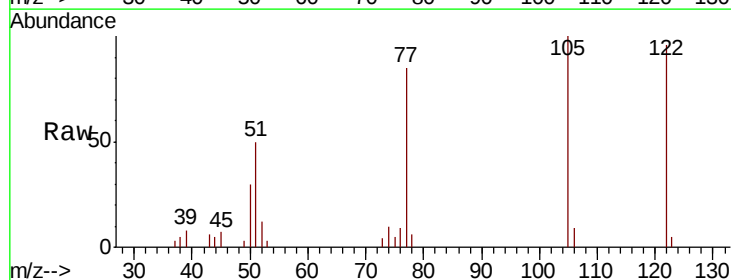
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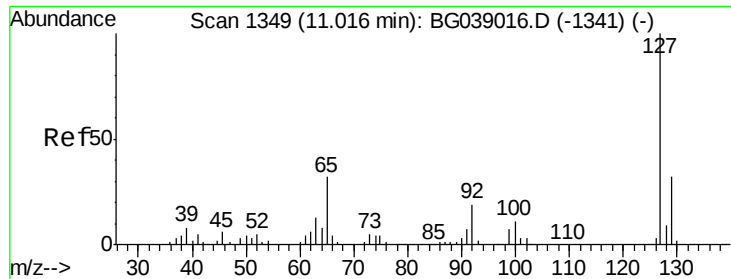
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#32
Benzoic acid
Concen: 25.703 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.4	106.4	146.4#
77	88.2	63.6	103.6





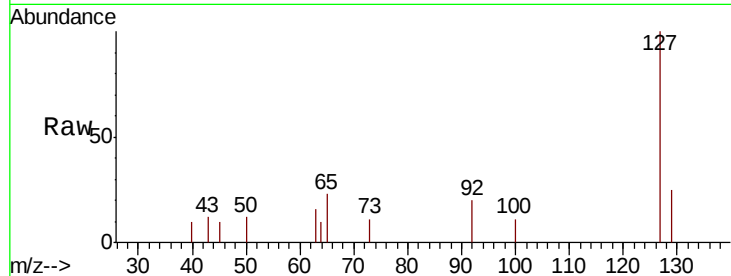
#33
4-Chloroaniline
Concen: 1.993 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	24.9	25.4	38.0#
65	23.0	25.4	38.0#
92	20.0	15.2	22.8

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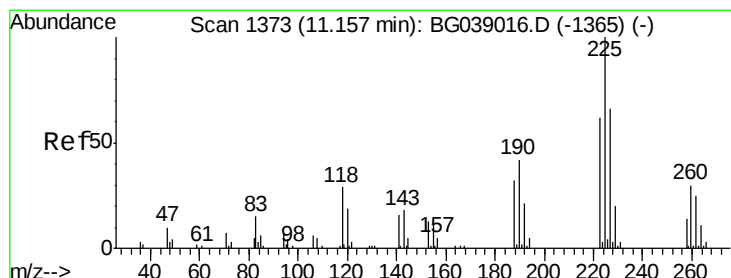
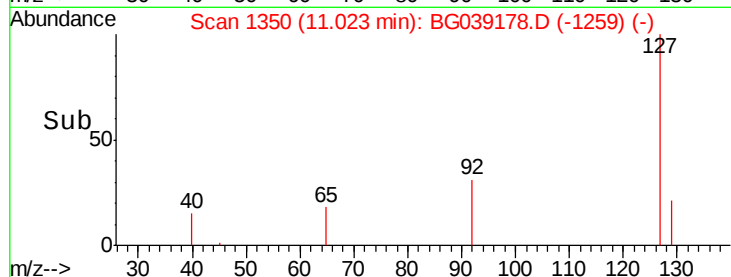
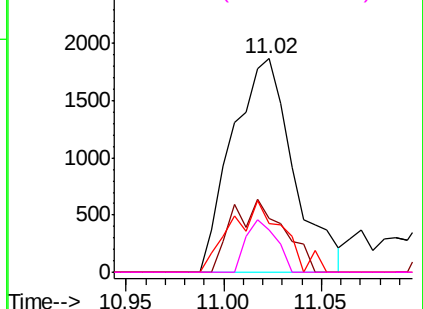
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.125 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

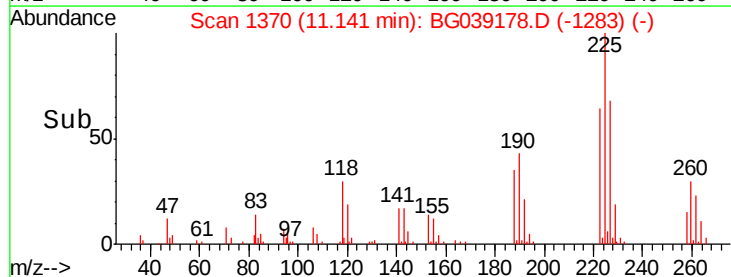
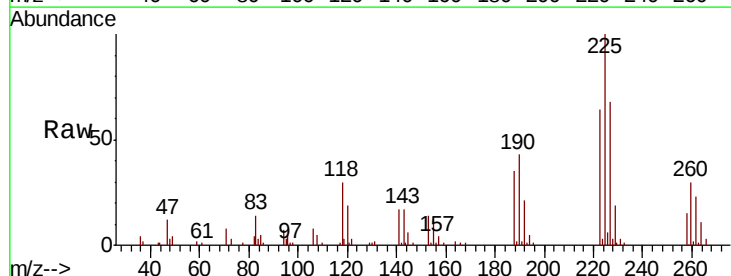
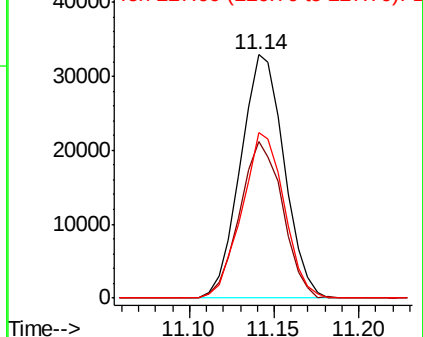
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.4
227	67.4	53.2	79.8

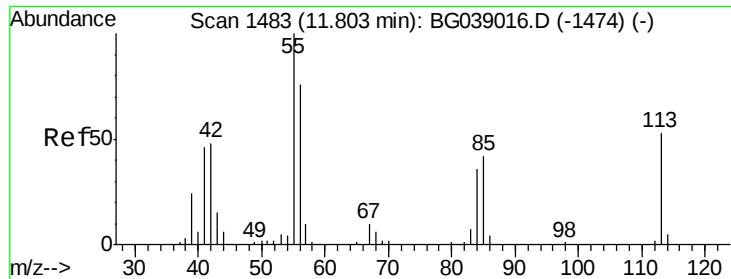
Abundance

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: 30.078 ng/ml

RT: 11.79 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

Tot Ion: 113 Resp: 19136

Ion Ratio Lower Upper

113 100

55 185.0 168.6 208.6

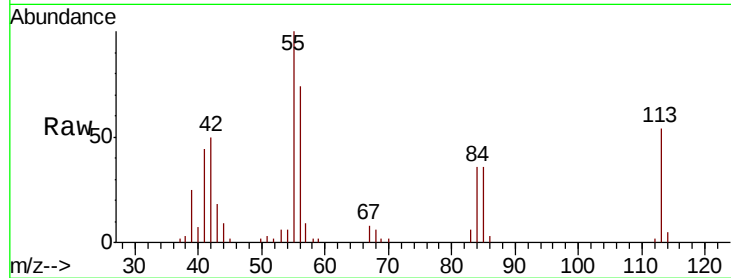
56 137.6 123.2 163.2

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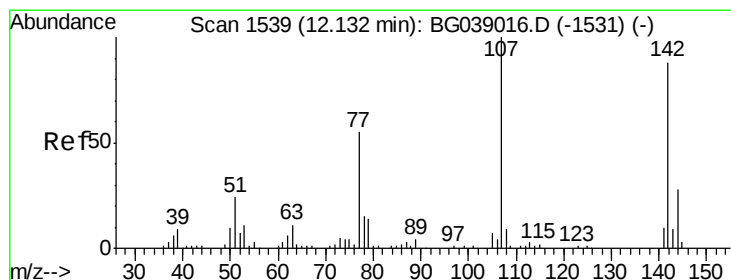
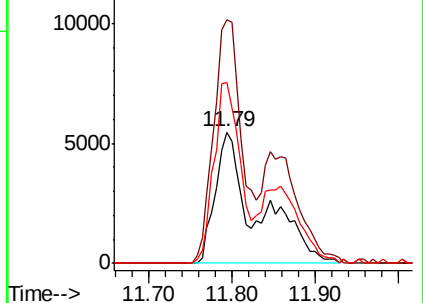
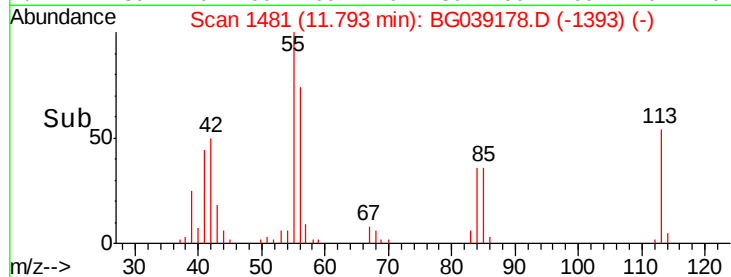
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 70.821 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

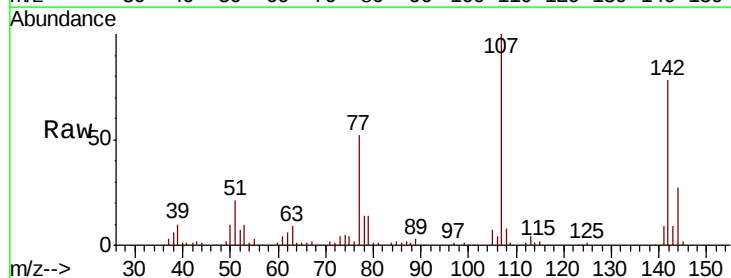
Tgt Ion: 107 Resp: 120178

Ion Ratio Lower Upper

107 100

144 27.2 22.6 34.0

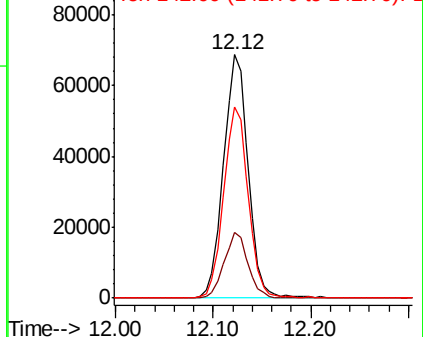
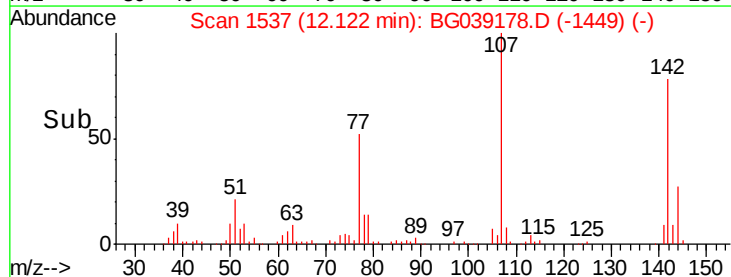
142 78.3 70.2 105.4

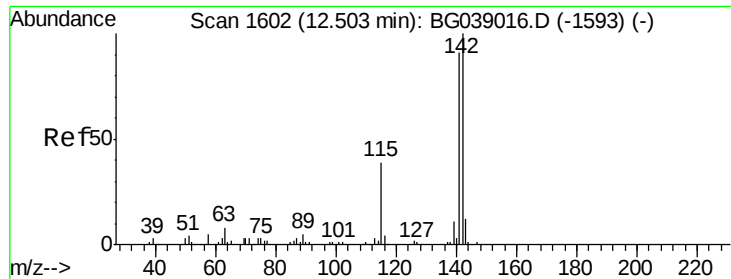


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





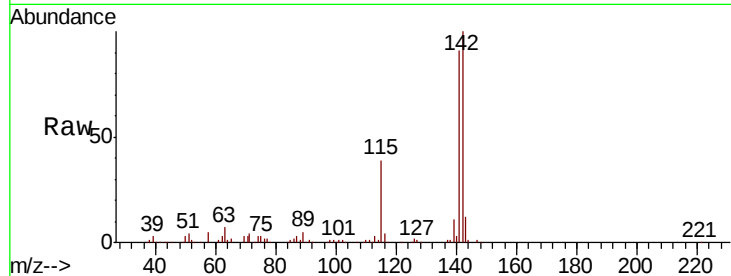
#37
2-Methylnaphthalene
Concen: 67.628 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	109.0
115	38.5	31.1	46.7

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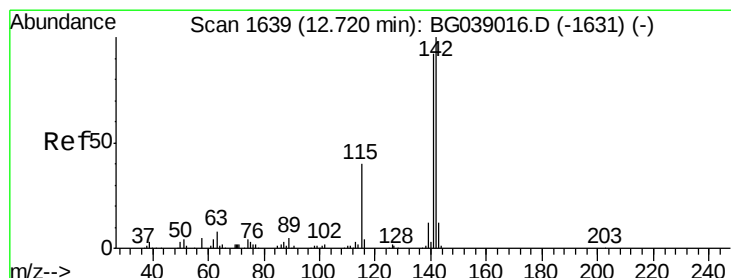
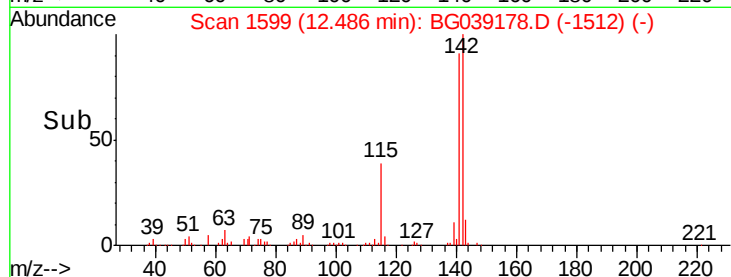
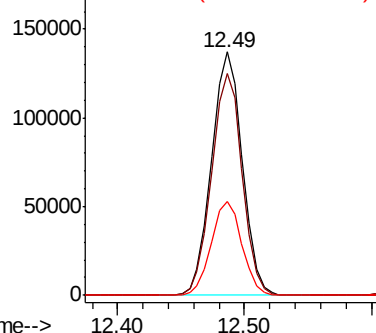


Abundance

Ion 142.00 (141.70 to 142.70): E

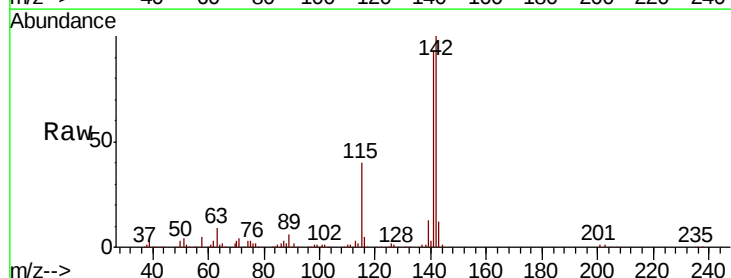
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 63.977 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.3	109.9
116	4.6	3.1	4.7

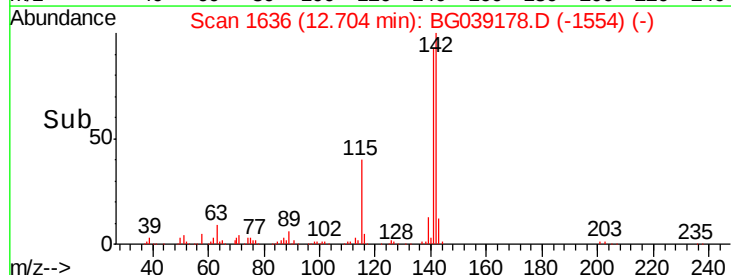
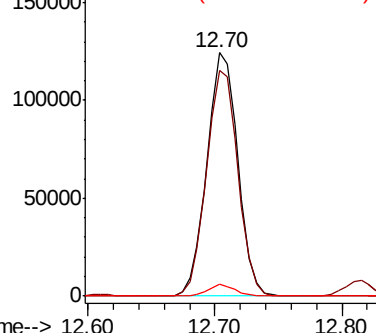


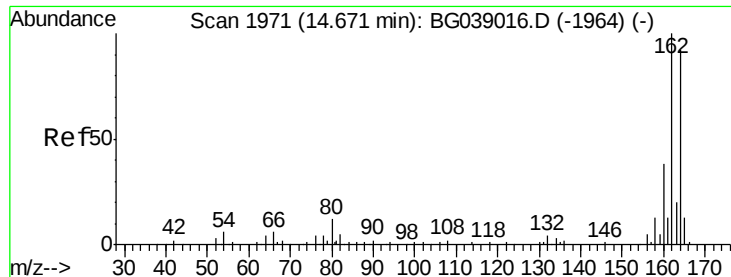
Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

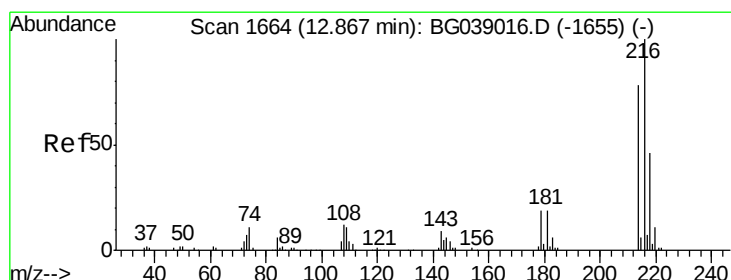
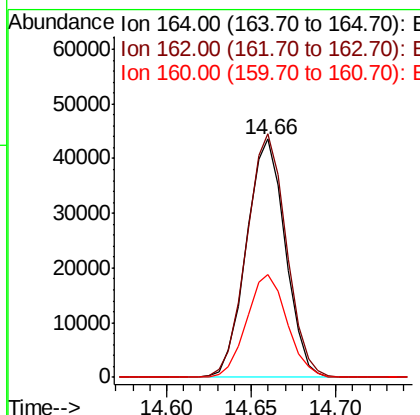
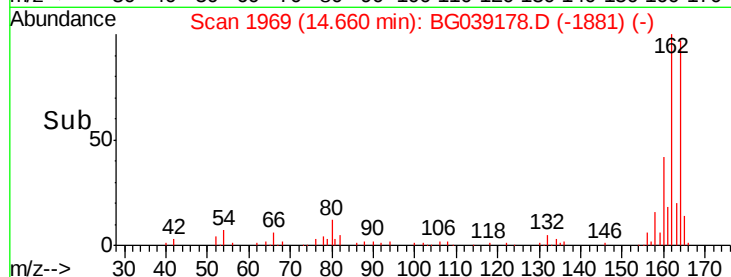
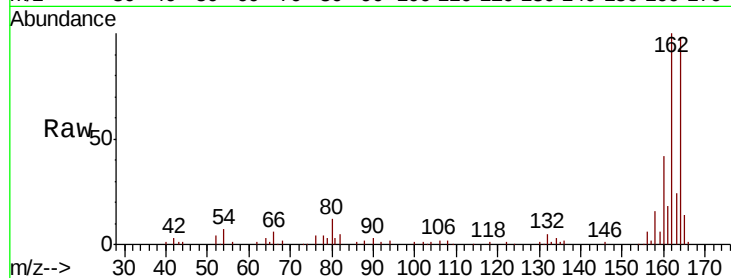
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	164	Resp:	69404
Ion Ratio	Lower	Upper	
164	100		
162	102.2	87.2	130.8
160	43.1	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.088 ng

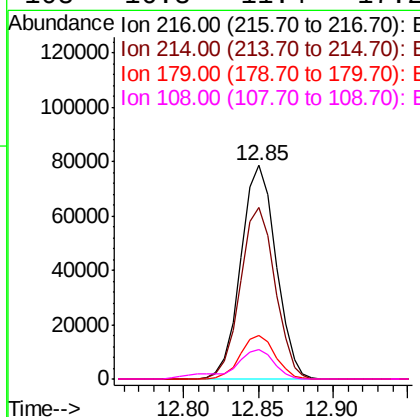
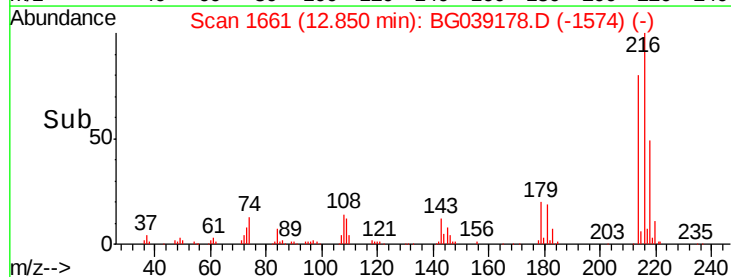
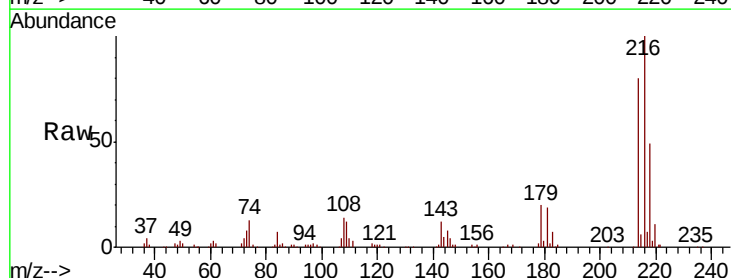
RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	216	Resp:	127948
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.2
179	20.1	15.5	23.3
108	16.3	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 86.114 ng

RT: 12.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

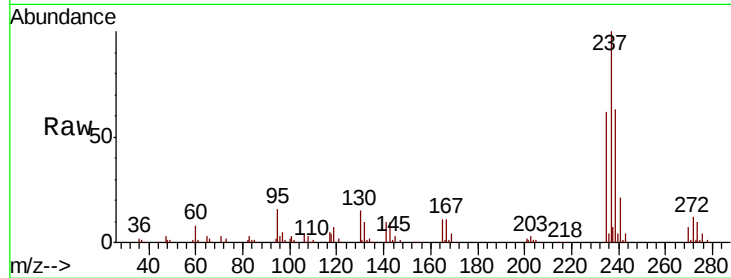
ClientSampleId :

OK-01-011519-AMS

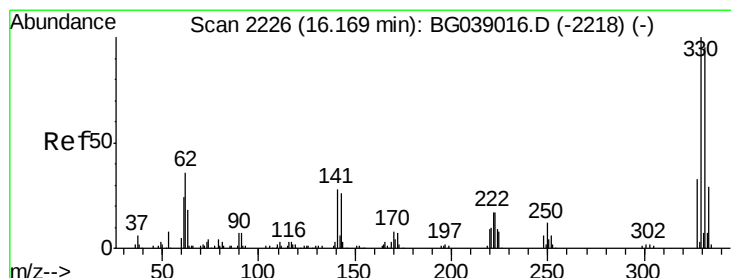
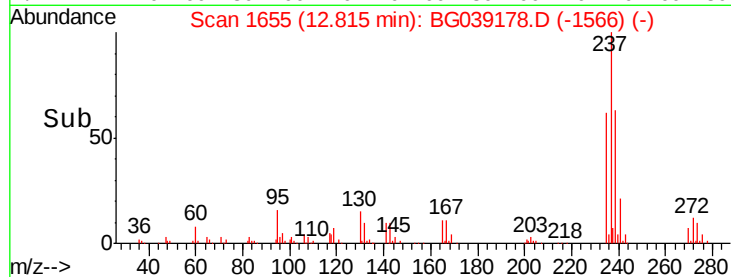
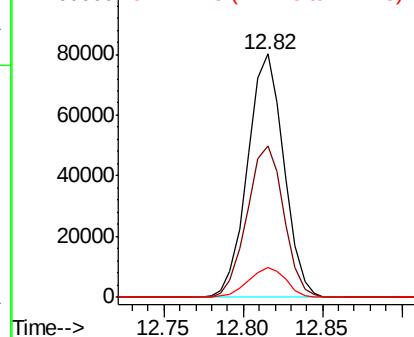
Tot Ion:	237	Resp:	127109
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.7	81.7
272	12.5	0.0	32.1

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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: 137.430 ng

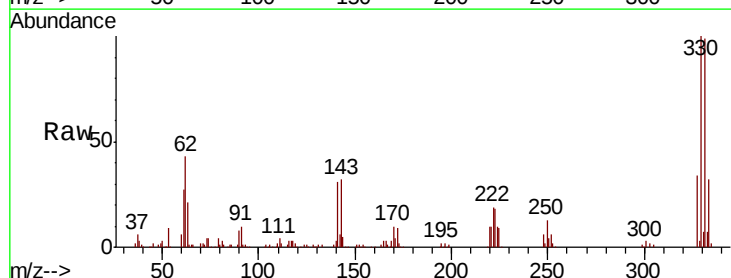
RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

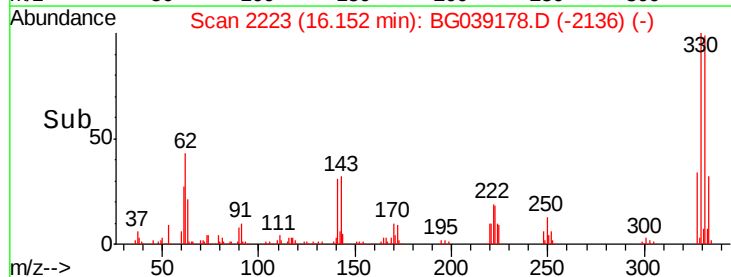
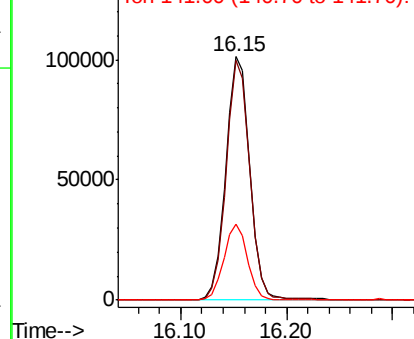
Lab File: BG039178.D

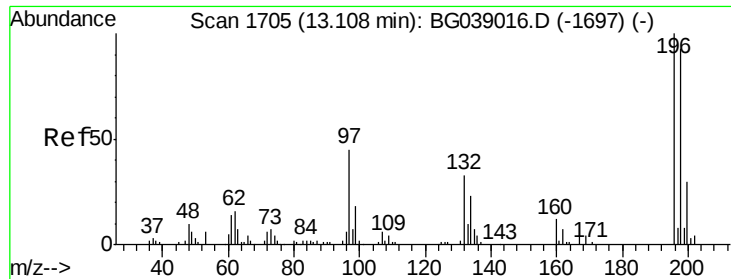
Acq: 17 Jan 2019 4:50

Tgt Ion:	330	Resp:	159887
Ion Ratio	Lower	Upper	
330	100		
332	96.6	75.7	113.5
141	30.7	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





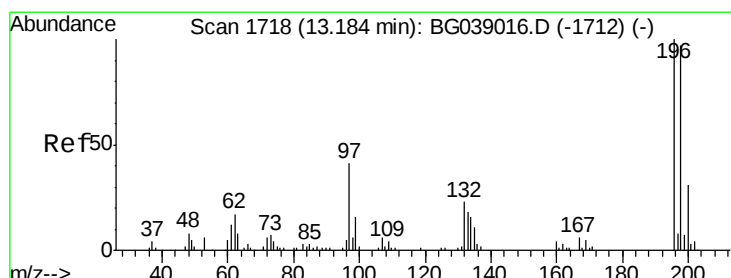
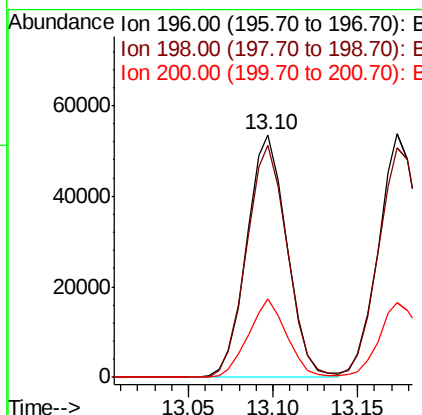
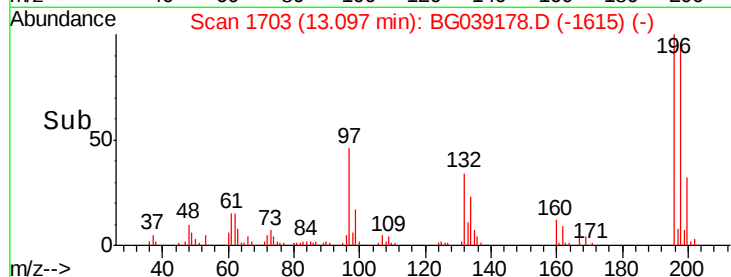
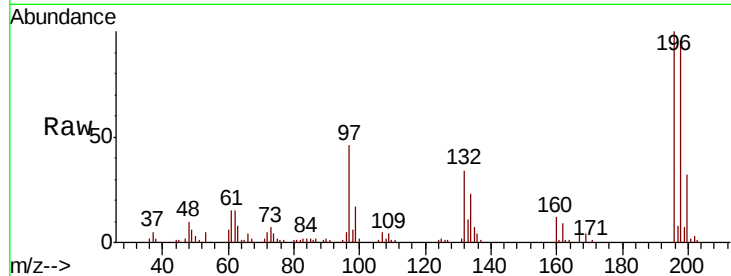
#43
 2,4,6-Trichlorophenol
 Concen: 53.879 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88387		
198	95.9	74.5	111.7	
200	32.2	23.8	35.6	

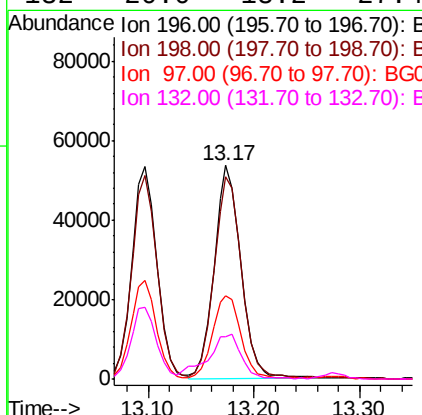
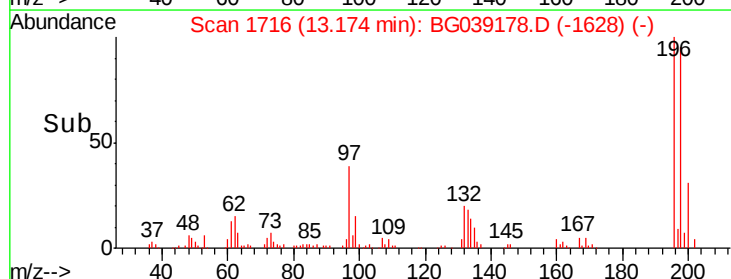
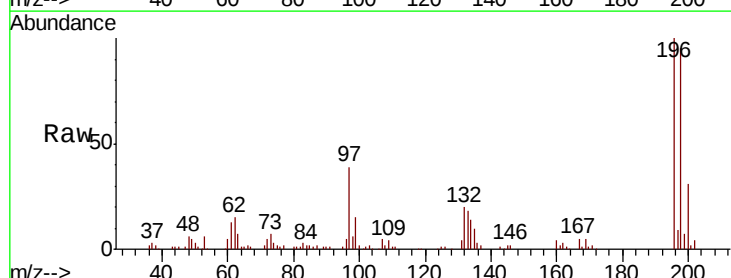
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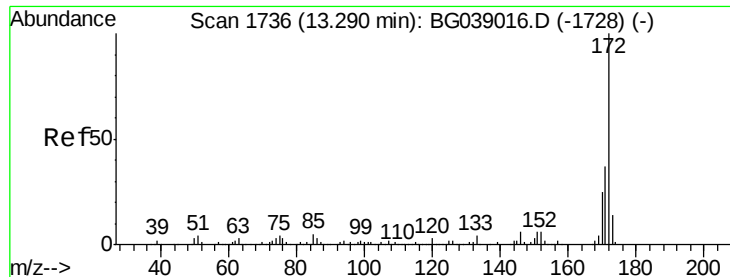
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#44
 2,4,5-Trichlorophenol
 Concen: 54.622 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94707		
198	94.5	78.1	117.1	
97	39.0	33.2	49.8	
132	20.0	18.2	27.4	





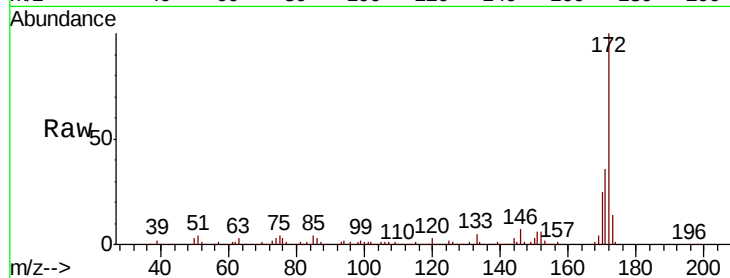
#45
2-Fluorobiphenyl
Concen: 93.962 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	20.1	30.1

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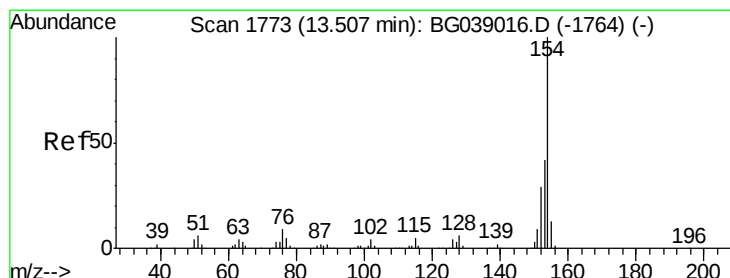
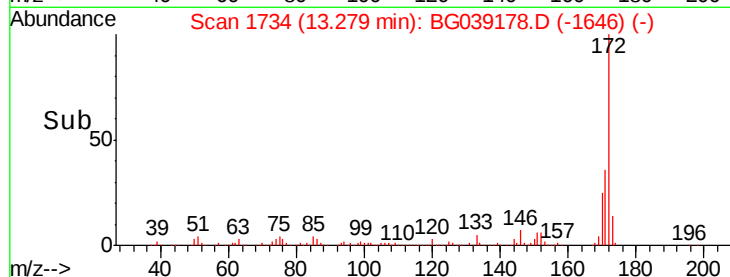
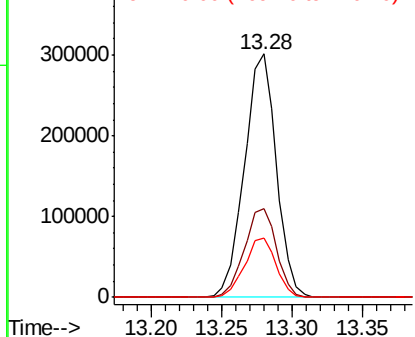


Abundance

Ion 172.00 (171.70 to 172.70): E

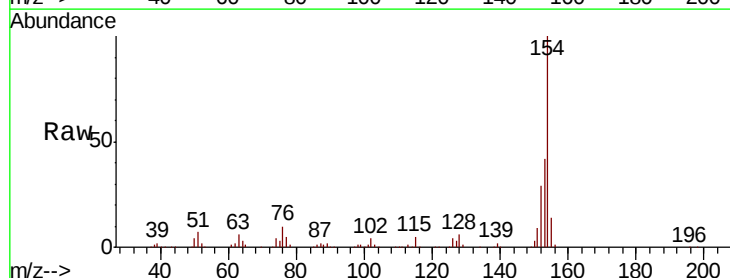
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.666 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.4	62.4
76	9.8	0.0	29.4

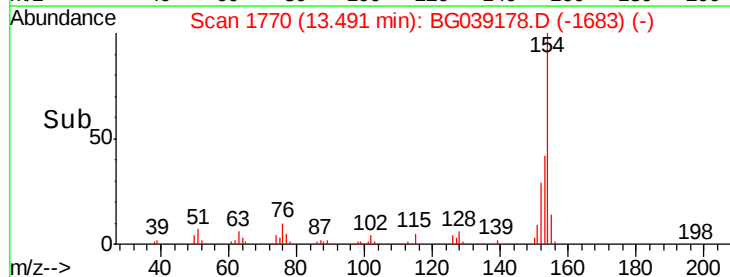
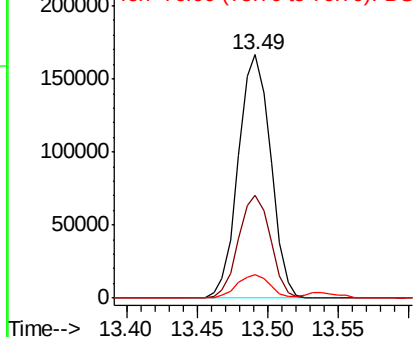


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





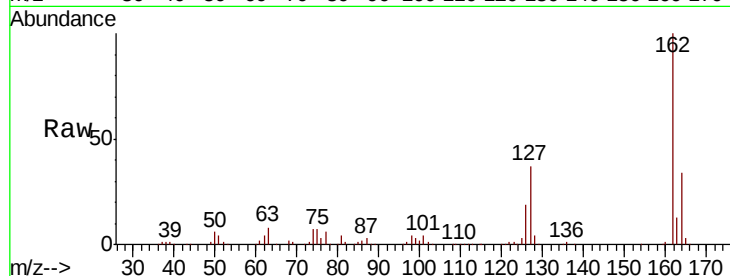
#47
2-Chloronaphthalene
Concen: 48.871 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.4	42.6
164	34.0	26.3	39.5

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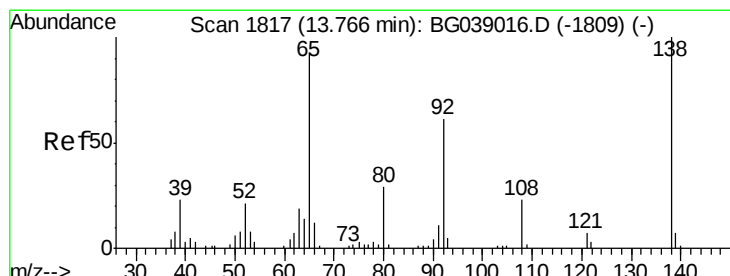
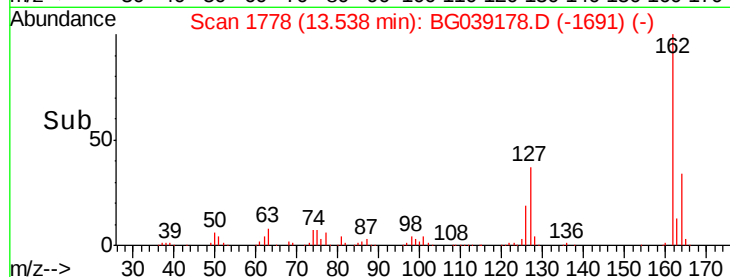
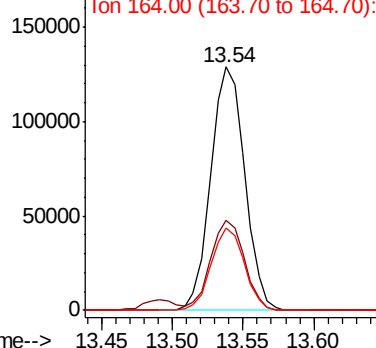


Abundance

Ion 162.00 (161.70 to 162.70): E

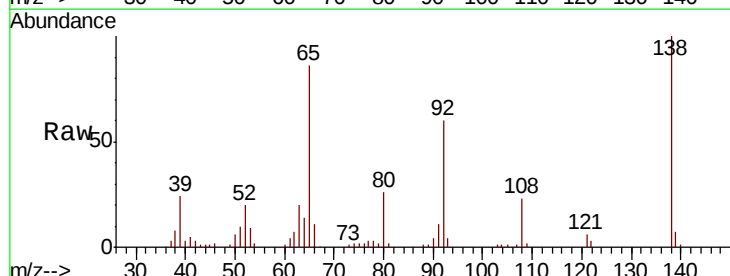
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 52.492 ng
RT: 13.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.2	78.4
138	116.7	86.0	129.0

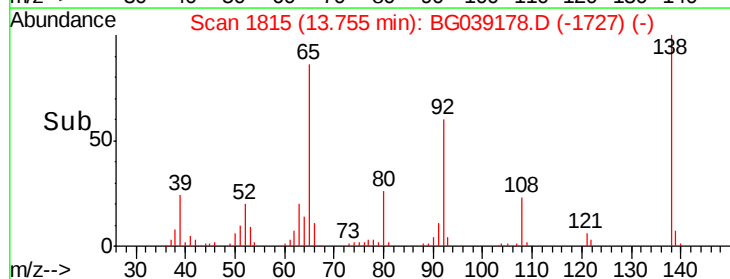
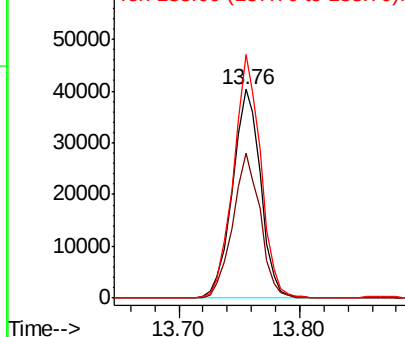


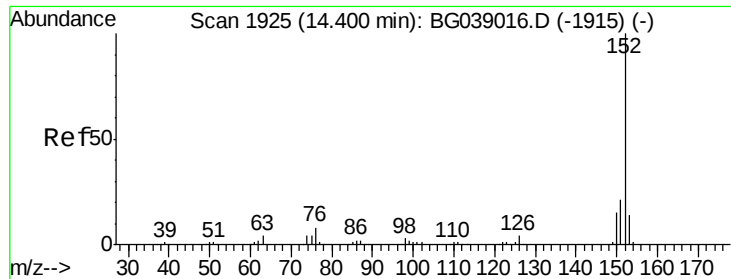
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.602 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

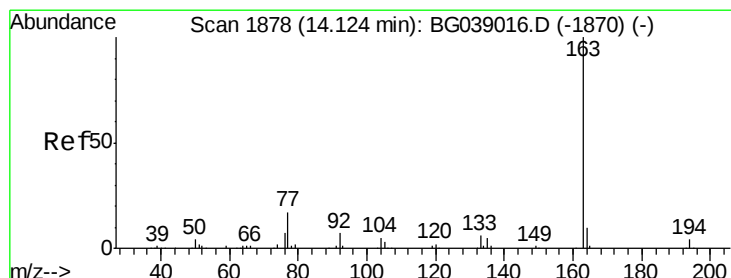
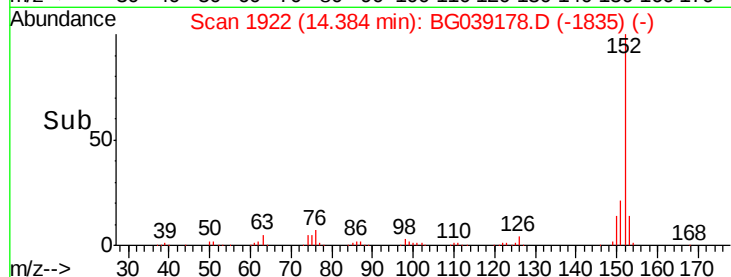
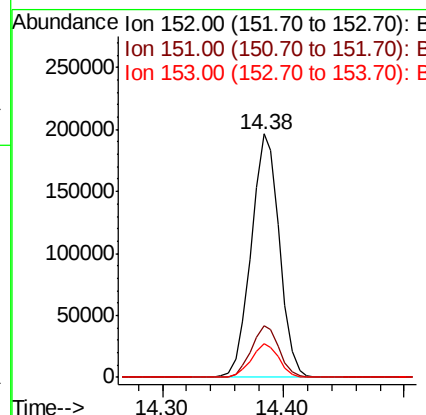
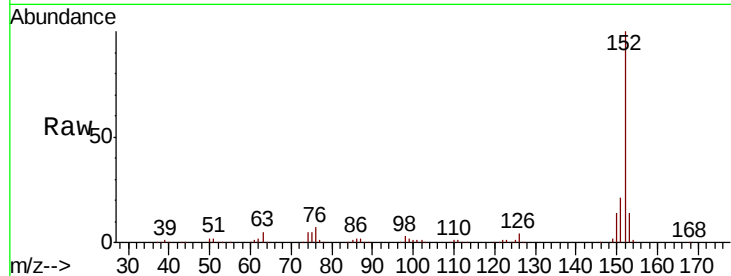
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	152	Resp:	318415
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.0	25.4
153	13.7	11.2	16.8

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#50

Dimethylphthalate

Concen: 49.952 ng

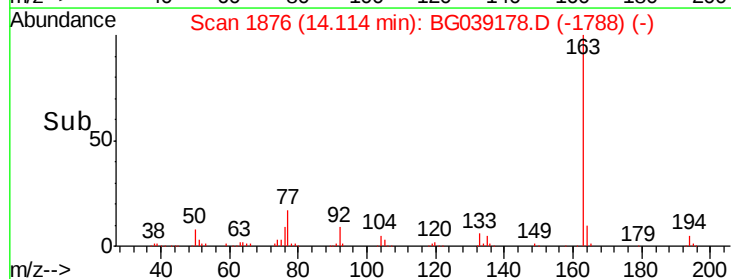
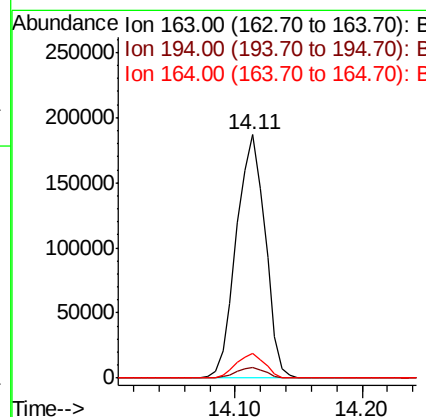
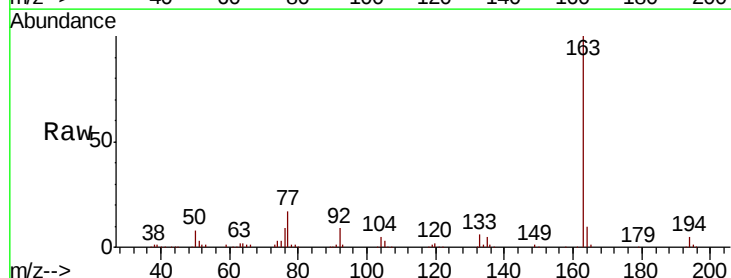
RT: 14.11 min Scan# 1876

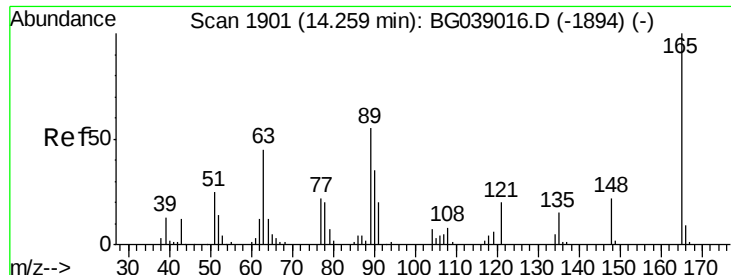
Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	163	Resp:	292964
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.2	8.2	12.2





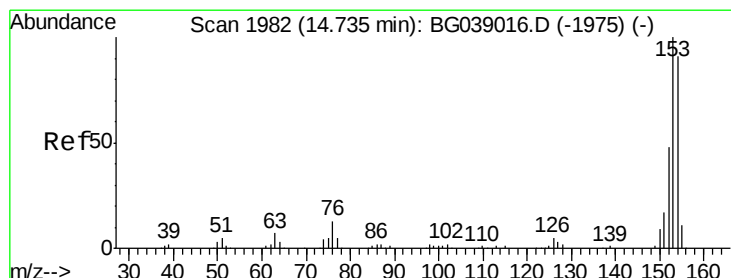
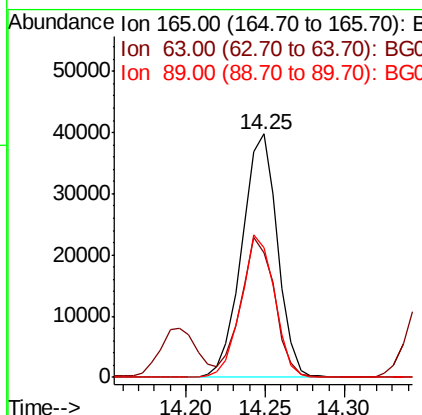
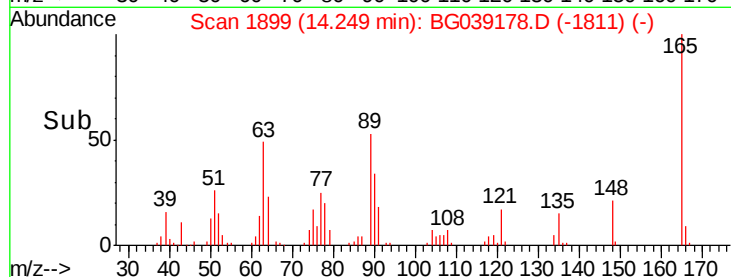
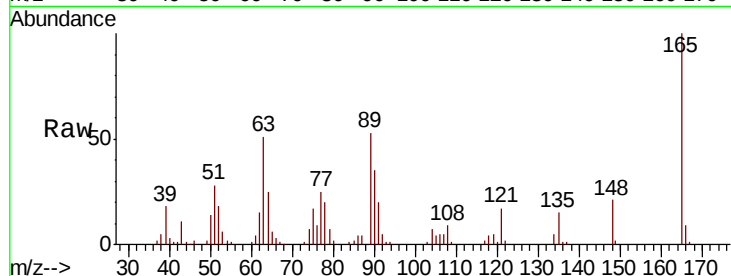
#51
 2,6-Dinitrotoluene
 Concen: 47.086 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.6	65.4
89	53.2	43.7	65.5

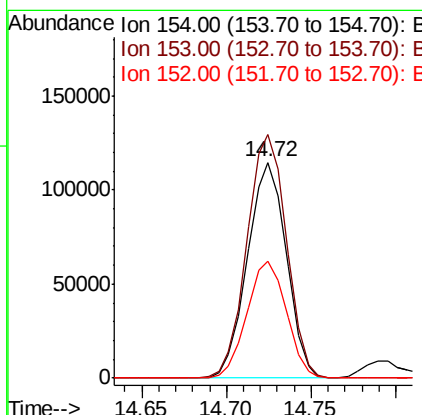
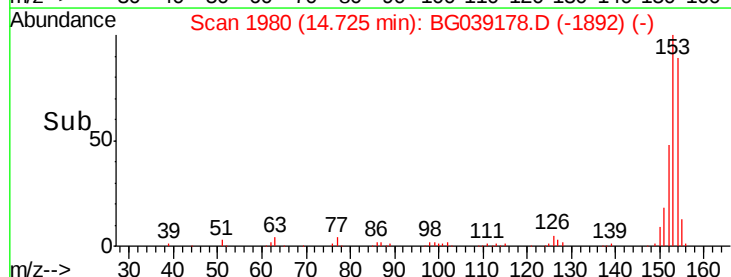
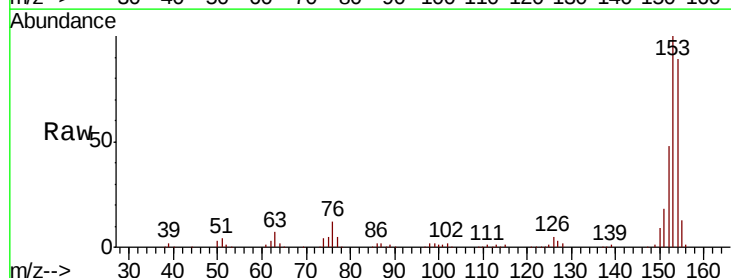
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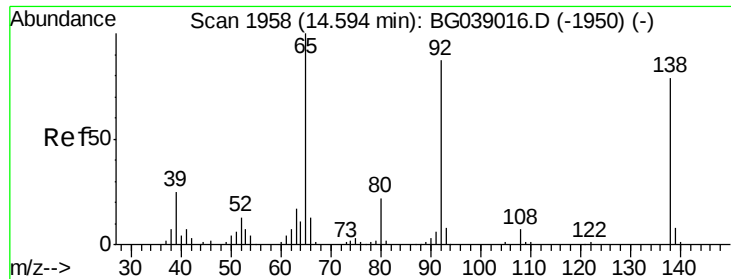
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#52
 Acenaphthene
 Concen: 45.740 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.9	131.9
152	54.1	42.2	63.2





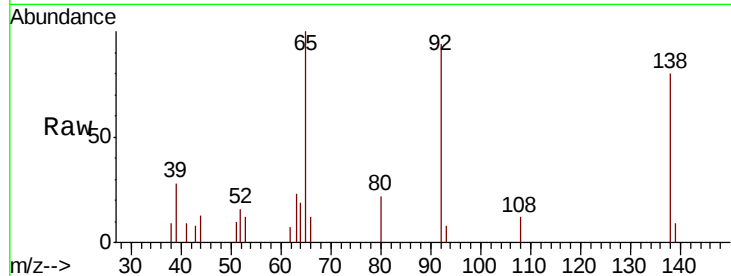
#53
 3-Nitroaniline
 Concen: 2.475 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.8	7.4	11.0
92	117.1	88.2	132.4

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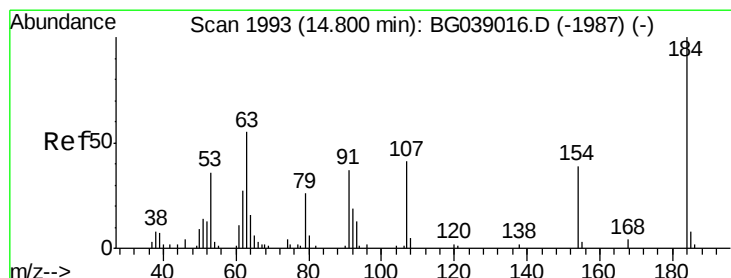
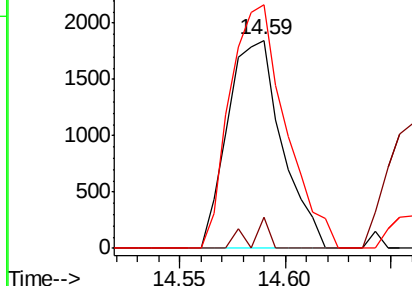
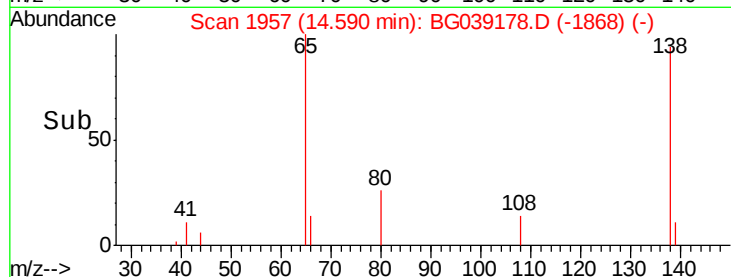


Abundance

Ion 138.00 (137.70 to 138.70): E

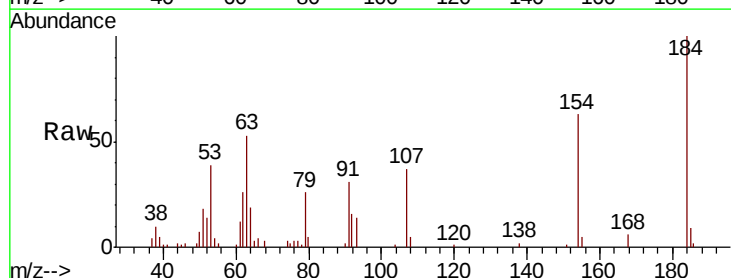
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 36.634 ng
 RT: 14.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.1	44.0	66.0
154	63.3	46.1	69.1

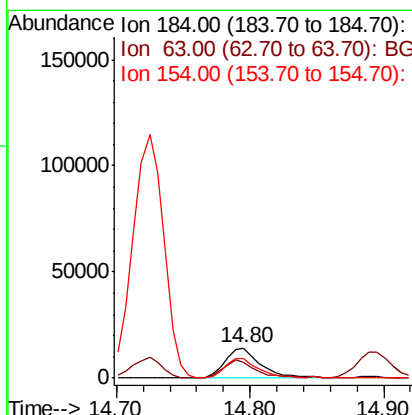
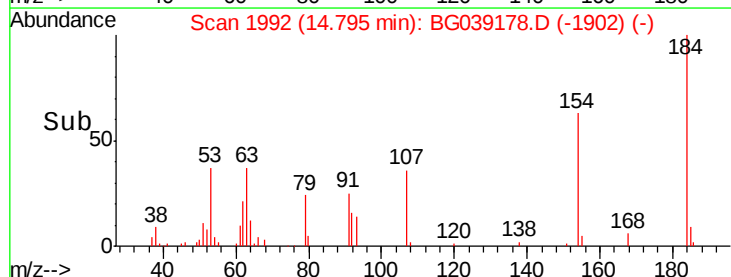


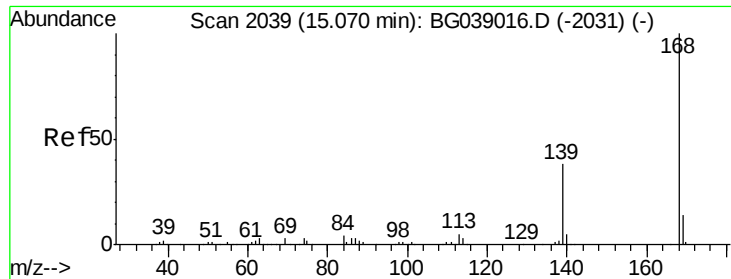
Abundance

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





#55

Dibenzenofuran

Concen: 45.057 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

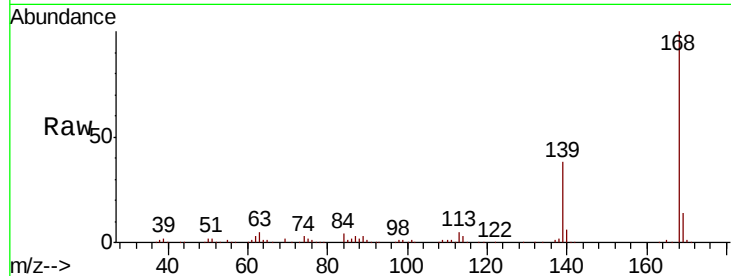
ClientSampleId :

OK-01-011519-AMS

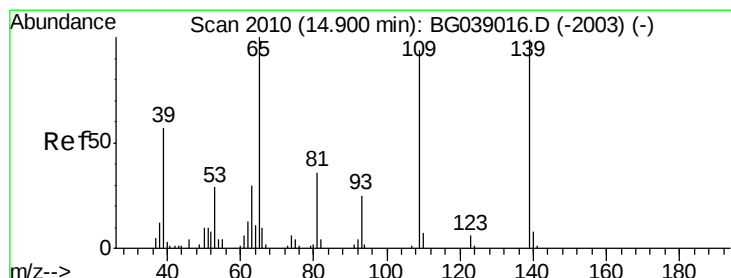
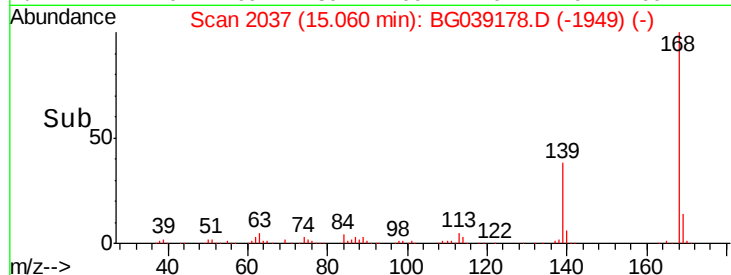
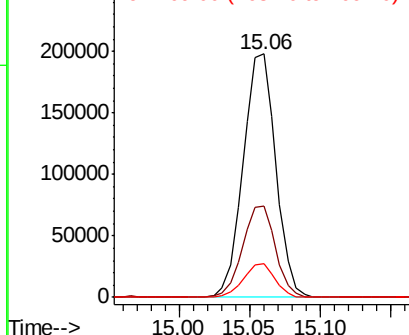
Tot Ion:	168	Resp:	319810
Ion Ratio	Lower	Upper	
168	100		
139	37.7	30.1	45.1
169	13.8	10.9	16.3

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



#56

4-Nitrophenol

Concen: 73.587 ng

RT: 14.90 min Scan# 2009

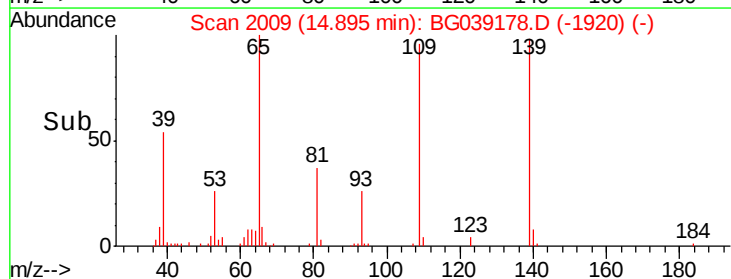
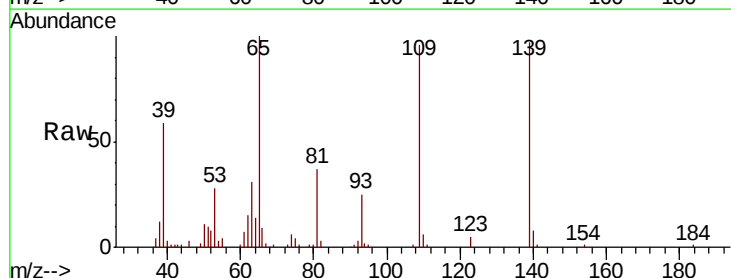
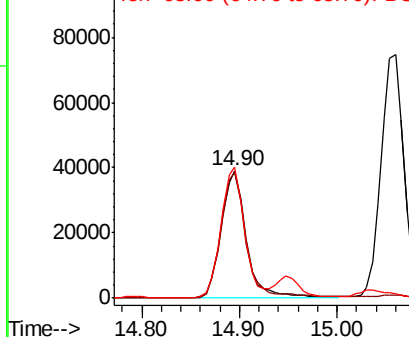
Delta R.T. -0.00 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	139	Resp:	70430
Ion Ratio	Lower	Upper	
139	100		
109	98.8	75.6	115.6
65	102.6	81.2	121.2

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





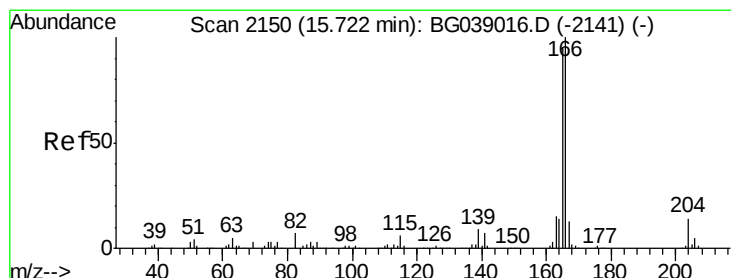
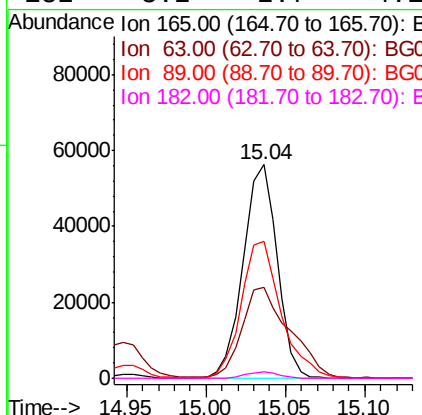
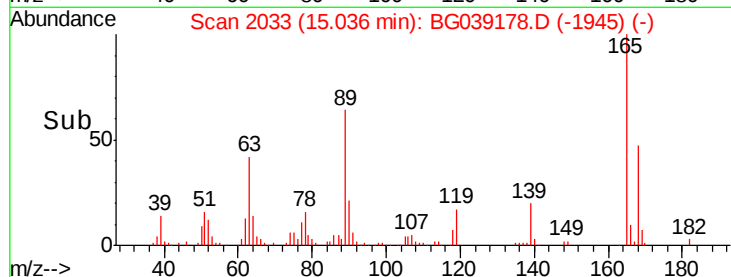
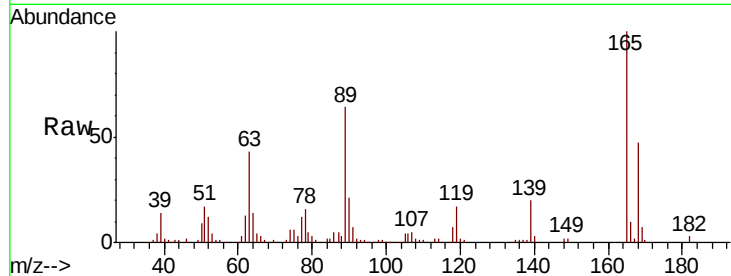
#57
2,4-Dinitrotoluene
Concen: 44.556 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		83819		
63	42.7	30.2	45.4		
89	64.0	53.2	79.8		
182	3.2	2.7	4.1		

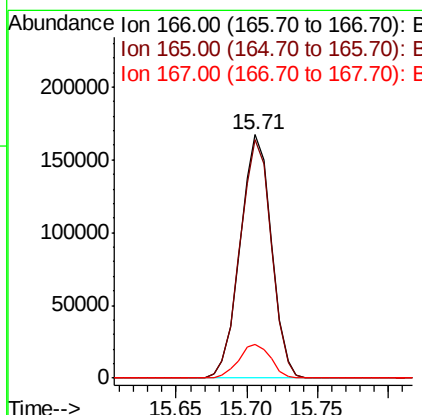
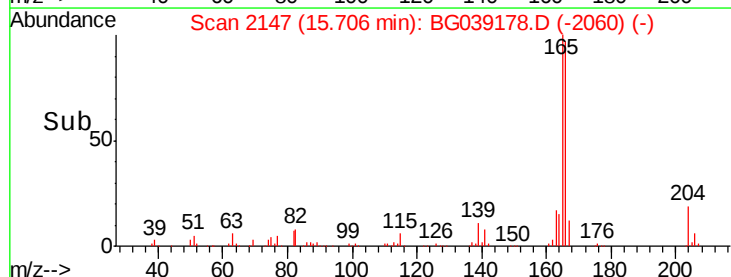
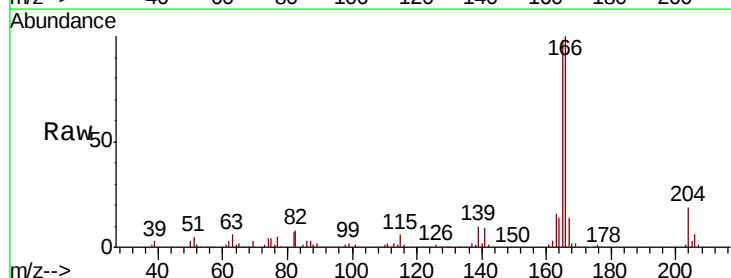
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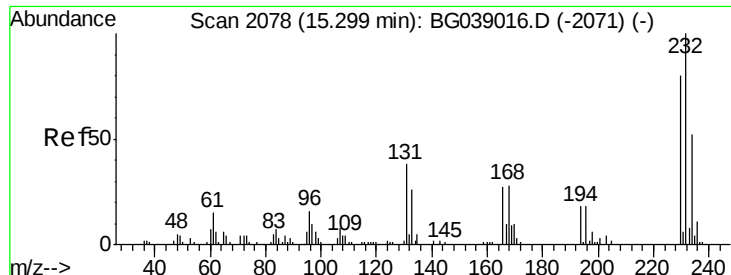
Sohil
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#58
Fluorene
Concen: 48.433 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		258768		
165	98.0	76.2	114.2		
167	14.0	10.6	16.0		





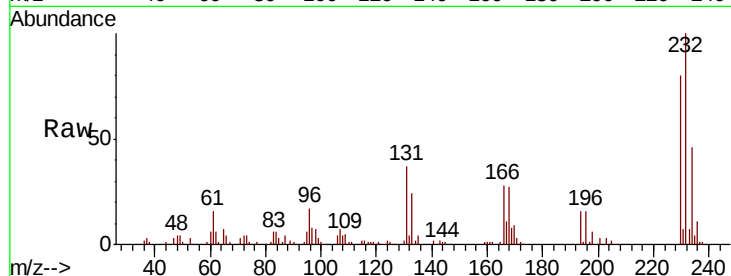
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.140 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion:	232	Resp:	82064
Ion Ratio	Lower	Upper	
232	100		
131	37.8	30.9	46.3
130	2.0	1.9	2.9
166	27.3	22.1	33.1

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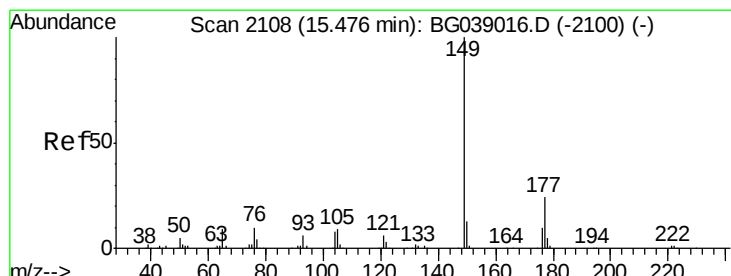
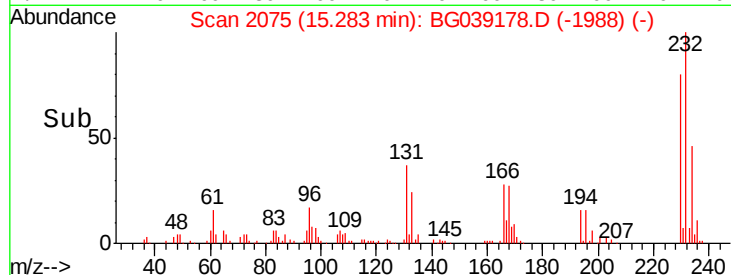
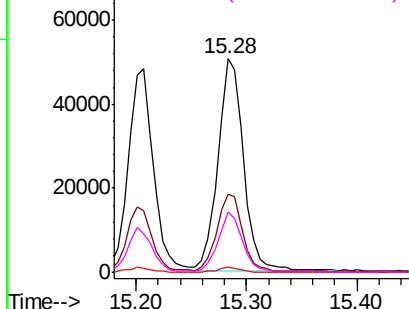
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

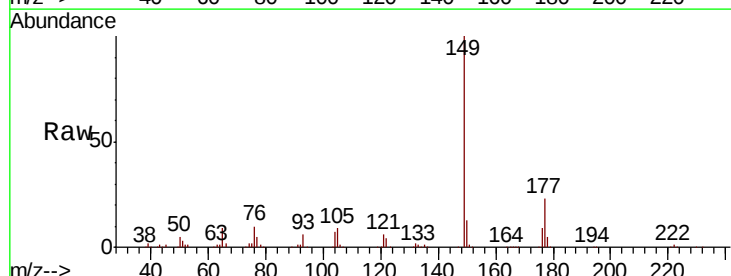
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.058 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion:	149	Resp:	272271
Ion Ratio	Lower	Upper	
149	100		
177	22.7	19.0	28.6
150	12.9	10.2	15.4

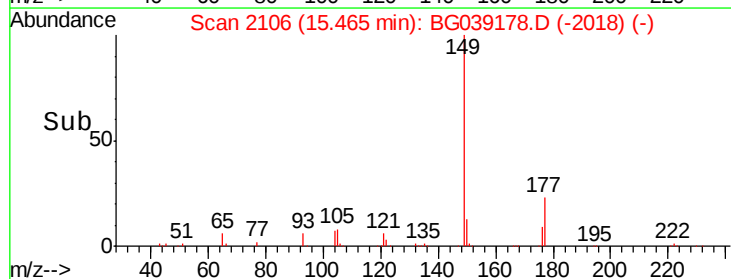
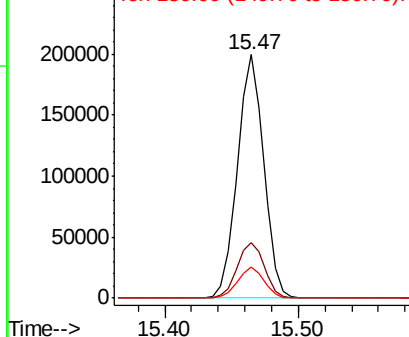


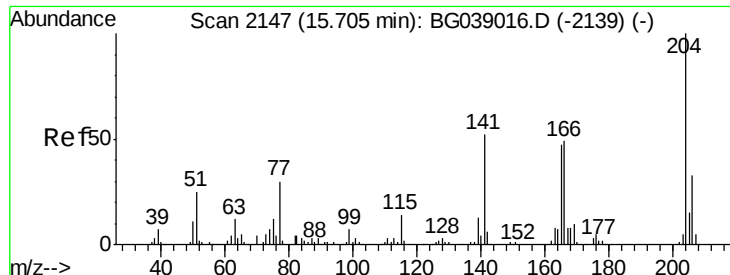
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





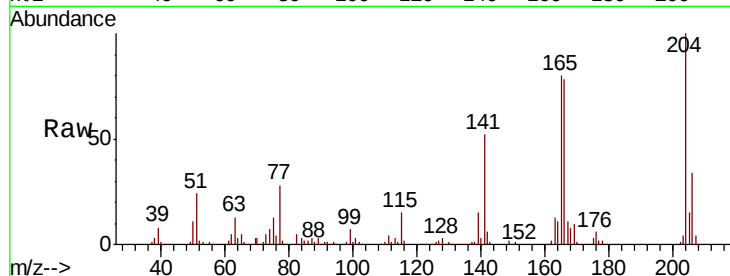
#61
4-Chlorophenyl-phenylether
Concen: 44.407 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	51.9	41.4	62.0

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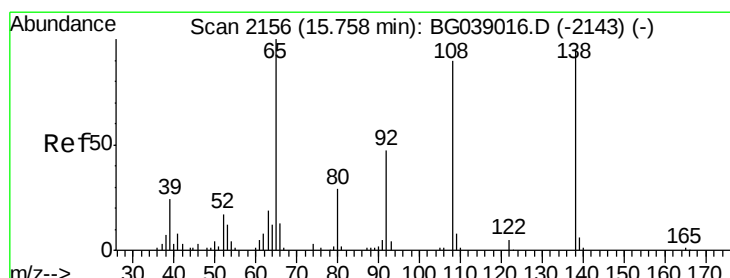
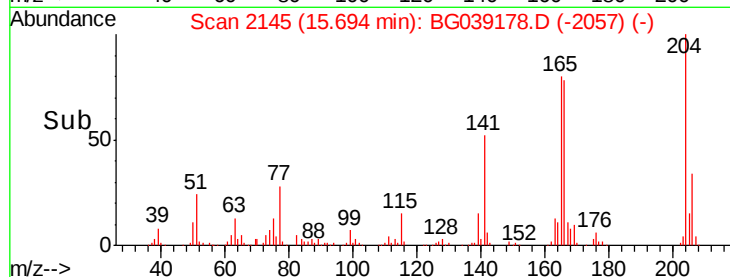
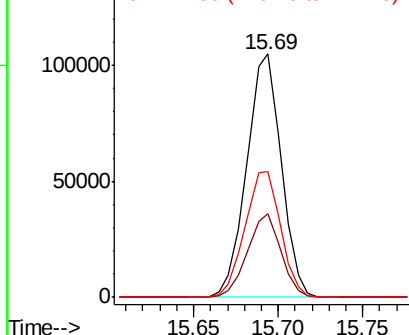


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.602 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

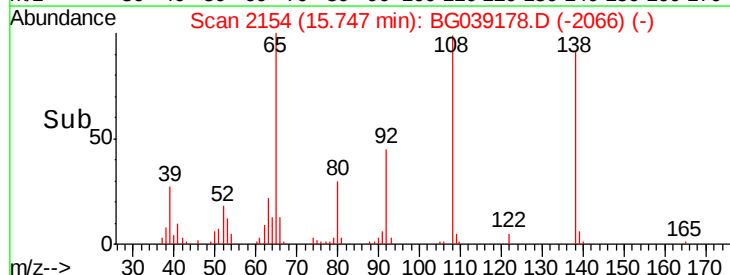
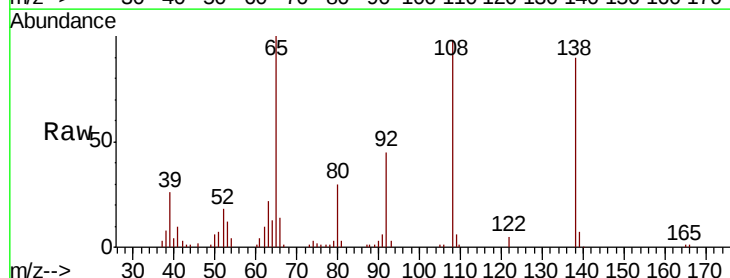
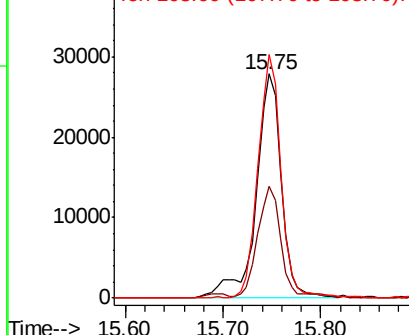
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.7	69.7
108	108.8	75.7	115.7

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





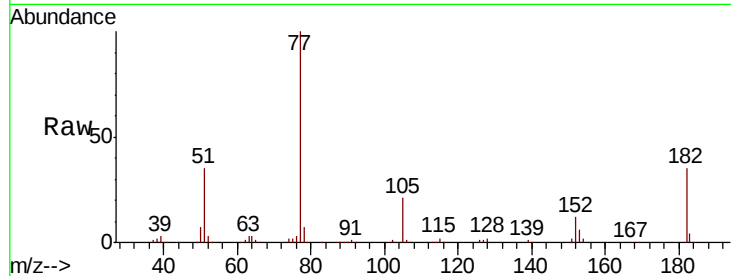
#63
Azobenzene
Concen: 44.734 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

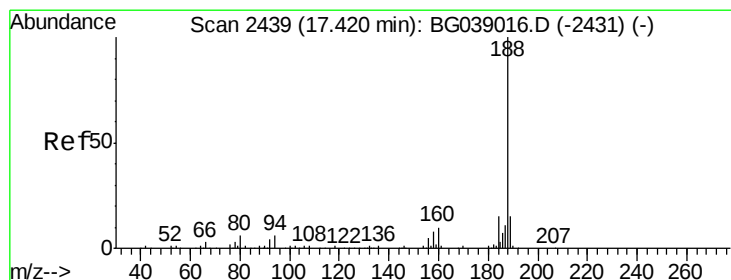
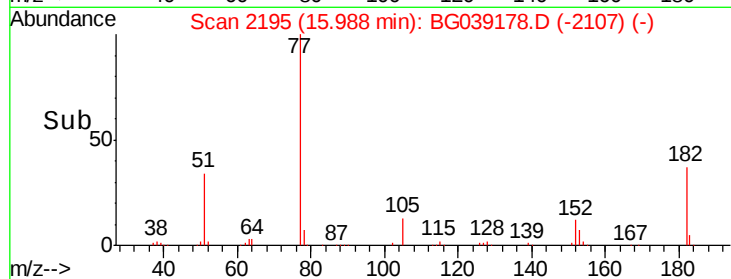
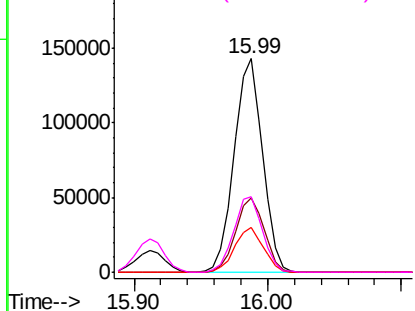
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		211390		
182	35.0	12.2	52.2		
105	21.1	1.2	41.2		
51	35.3	13.4	53.4		

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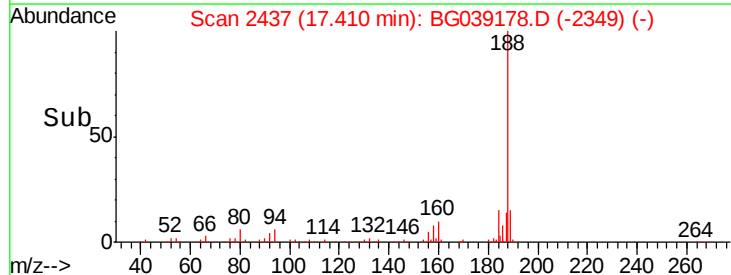
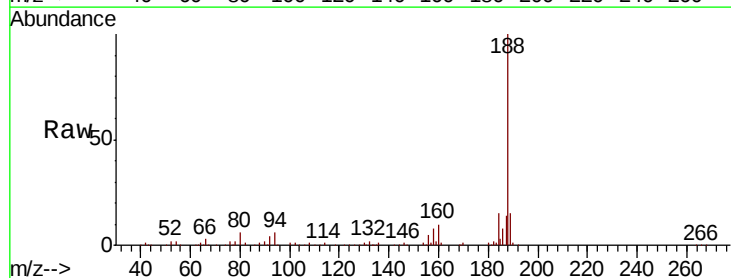
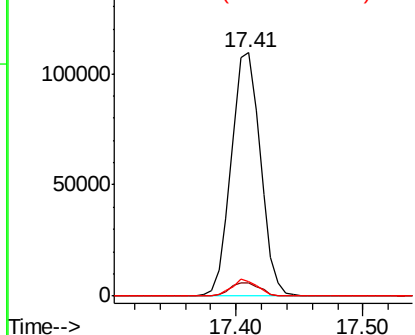
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

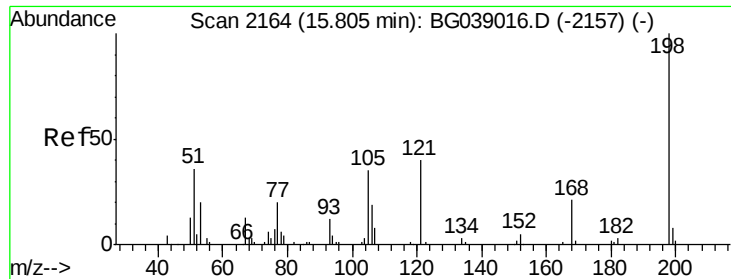


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		173878		
94	5.5	5.0	7.4		
80	5.9	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





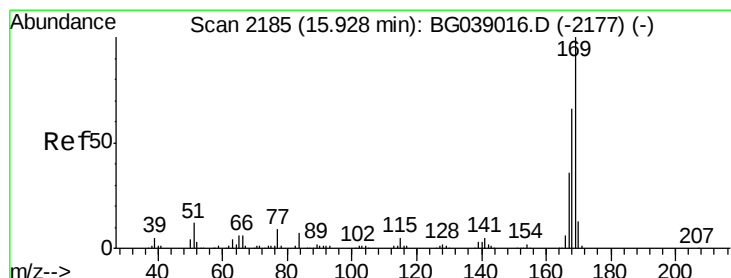
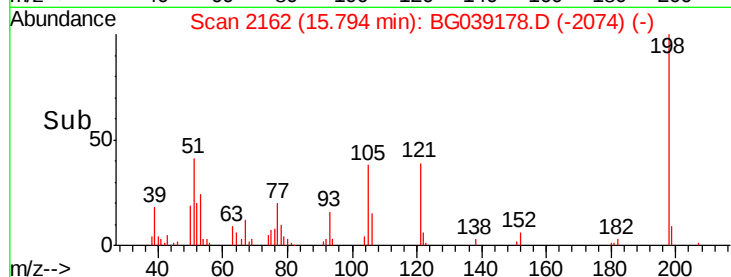
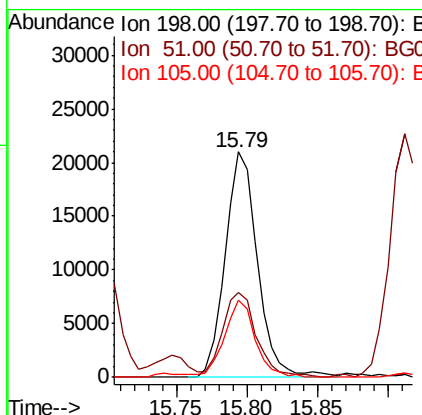
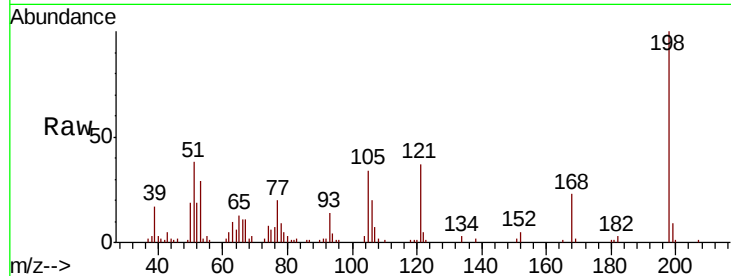
#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.960 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.5	20.8	60.8
105	34.2	16.1	56.1

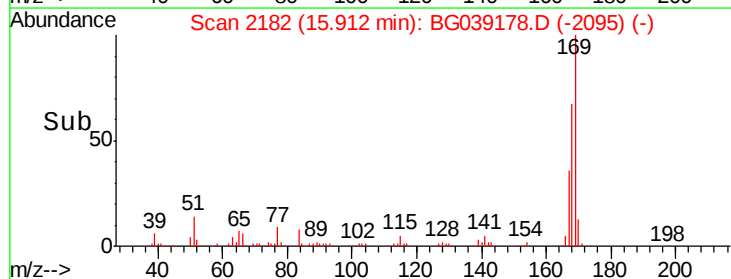
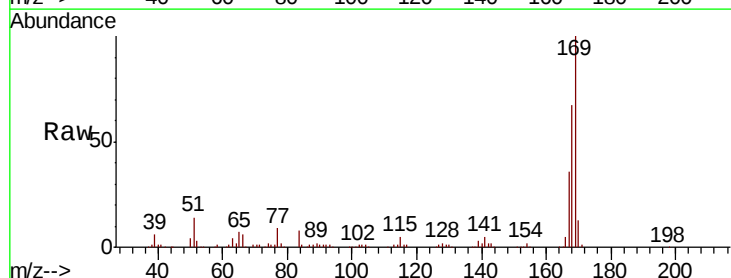
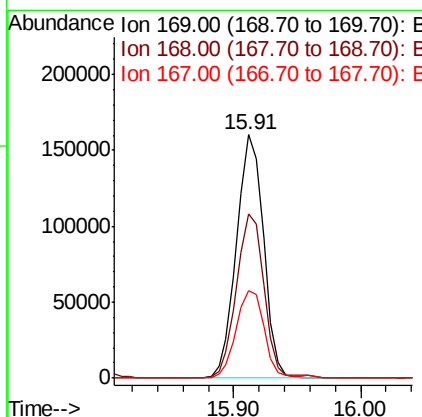
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#66
 n-Nitrosodiphenylamine
 Concen: 45.883 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	35.9	29.1	43.7





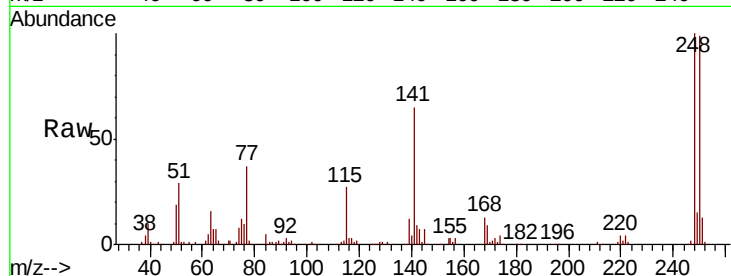
#67
 4-Bromophenyl-phenylether
 Concen: 45.788 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.9	119.9
141	64.7	52.7	79.1

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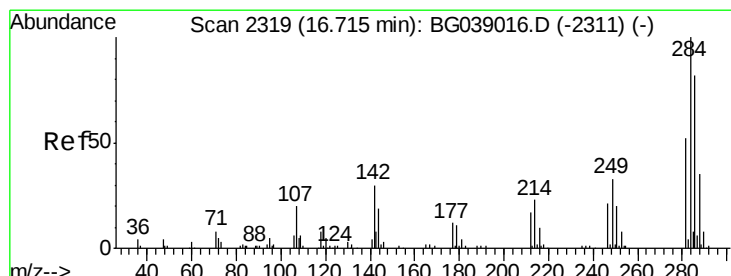
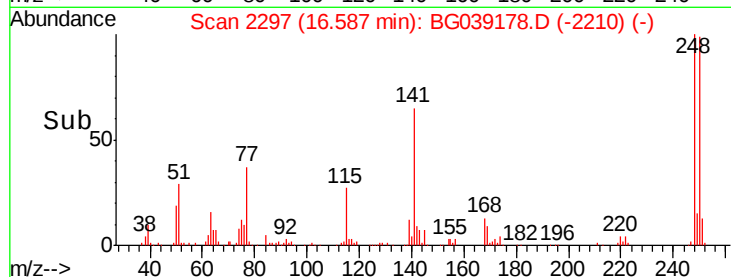
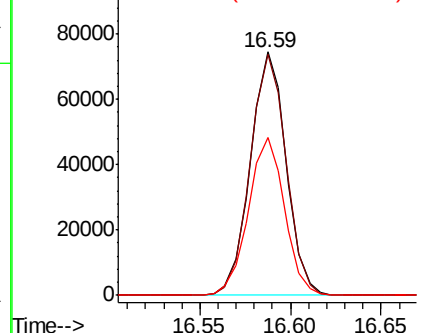


Abundance

Ion 248.00 (247.70 to 248.70): E

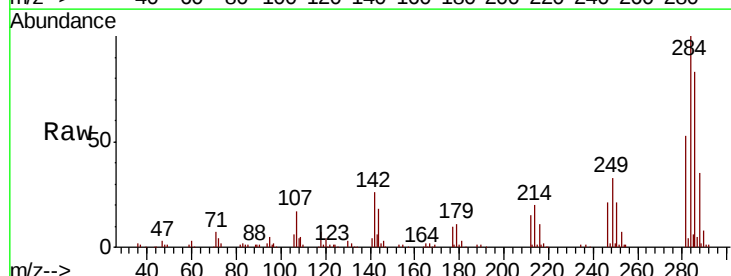
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.437 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.1	24.3	36.5
249	35.6	27.8	41.8

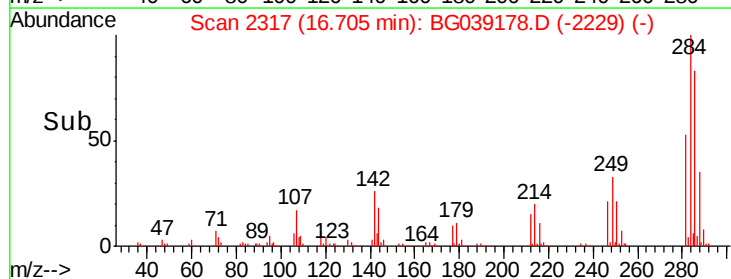
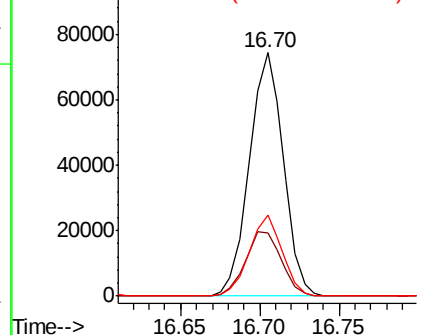


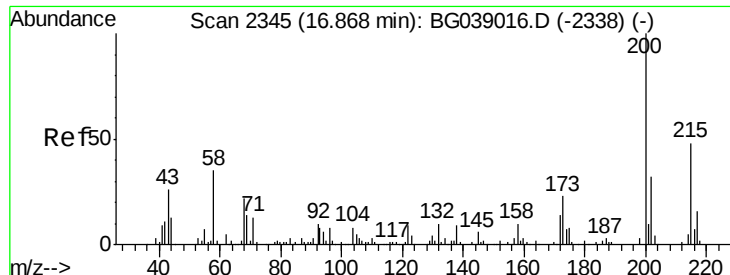
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





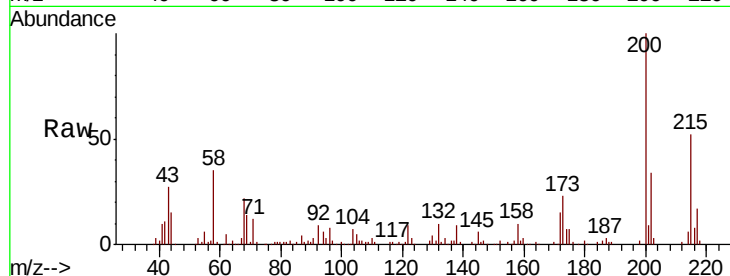
#69
 Atrazine
 Concen: 44.419 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	97266		
173	23.4		2.6	42.6
215	51.8		28.0	68.0

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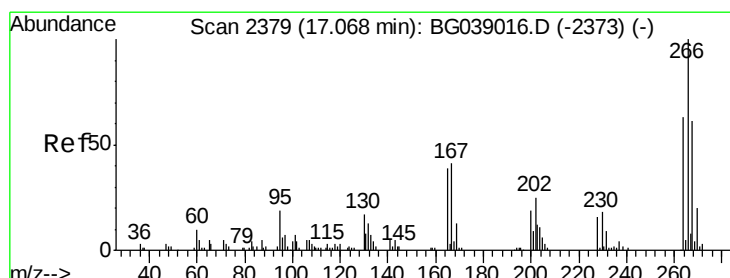
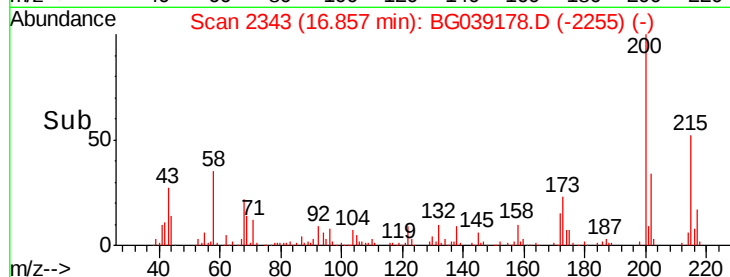
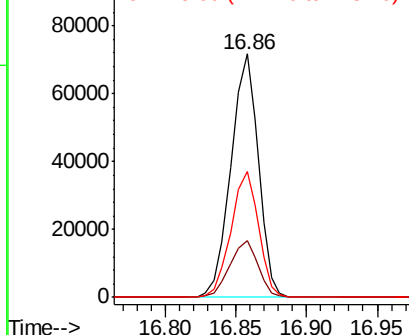


Abundance

Ion 200.00 (199.70 to 200.70): E

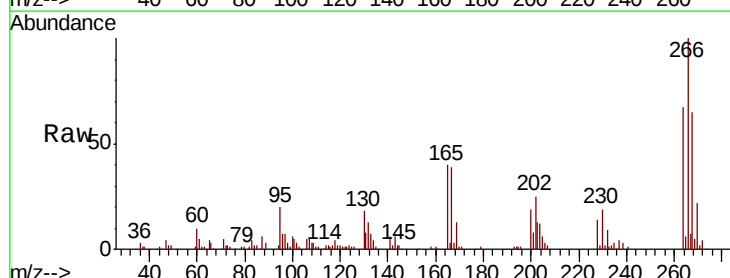
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 59.451 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	87167		
268	64.7		52.0	78.0
264	72.5		54.6	81.8

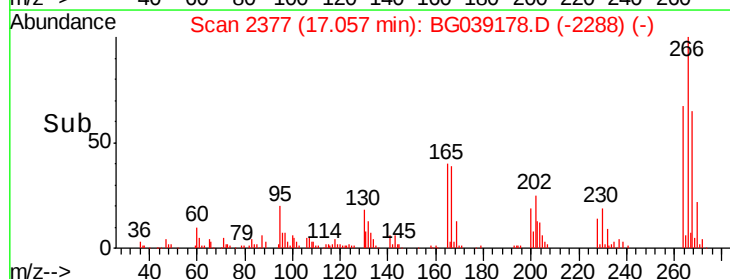
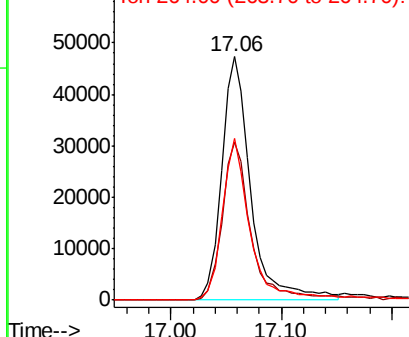


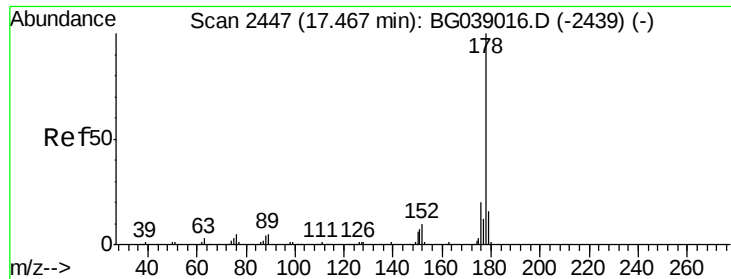
Abundance

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





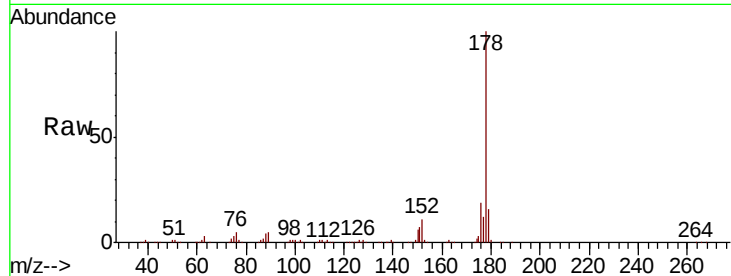
#71
Phenanthrene
Concen: 48.200 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.9	12.9	19.3

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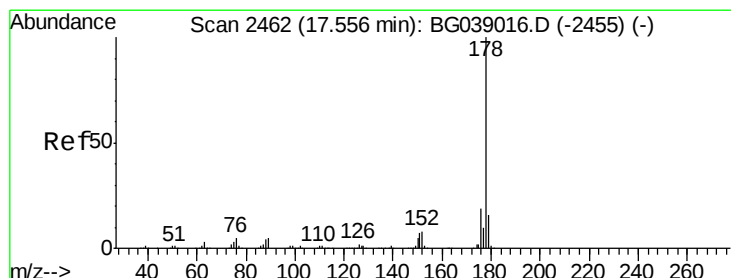
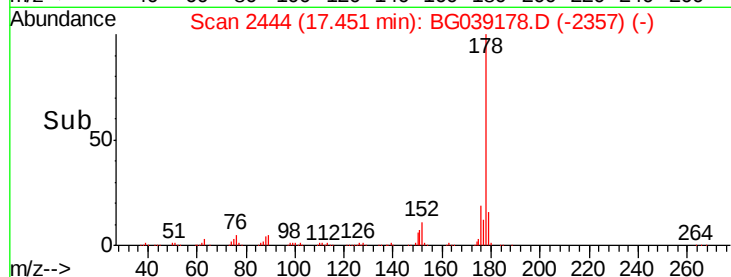
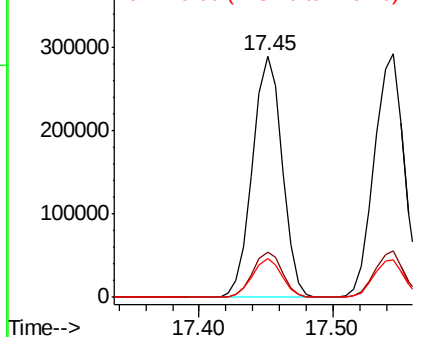


Abundance

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: 49.583 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

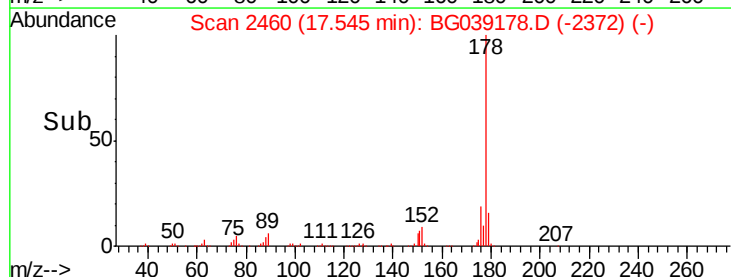
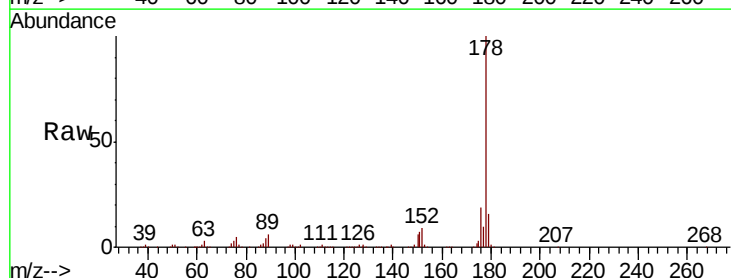
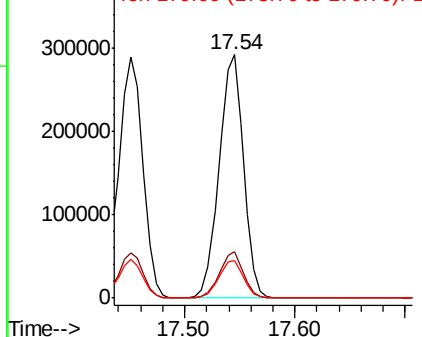
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.6	13.0	19.4

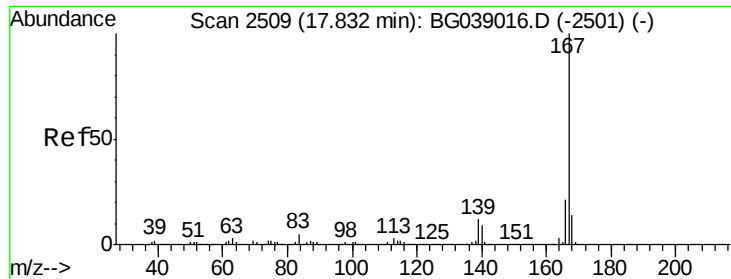
Abundance

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





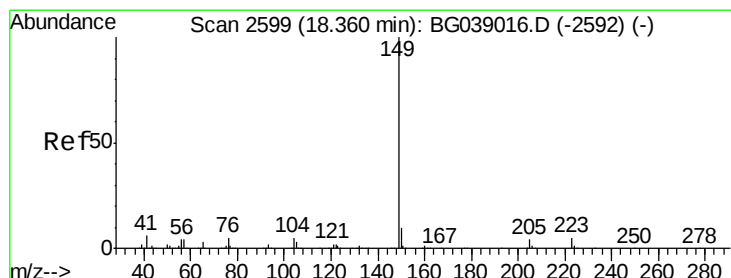
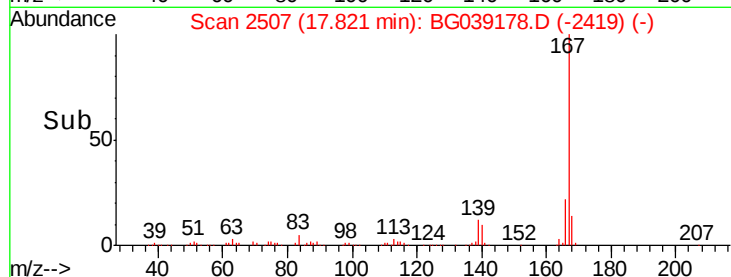
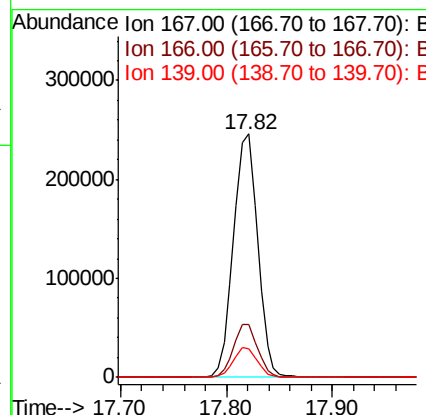
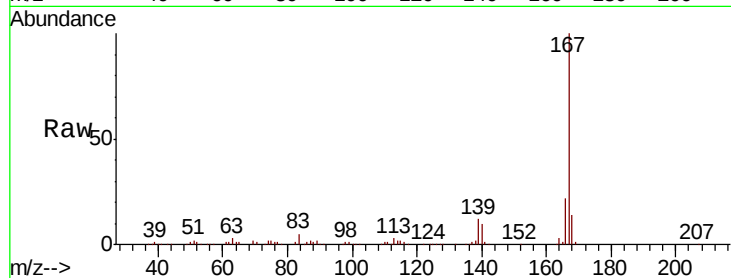
#73
 Carbazole
 Concen: 43.610 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.9	25.3
139	12.0	10.0	15.0

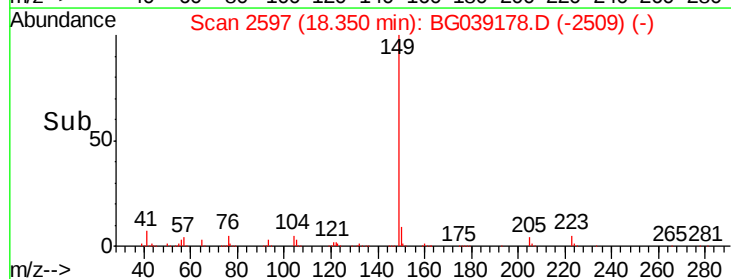
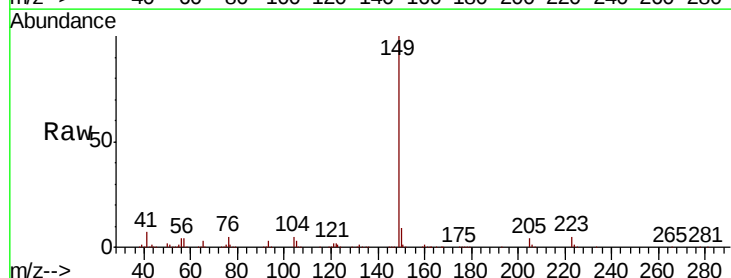
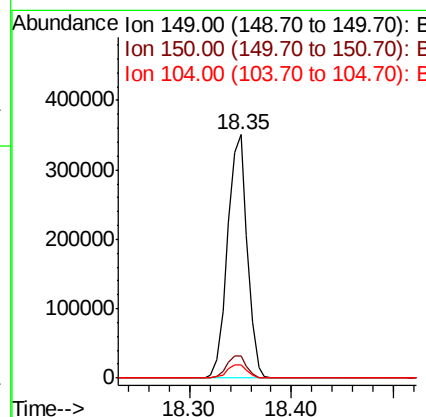
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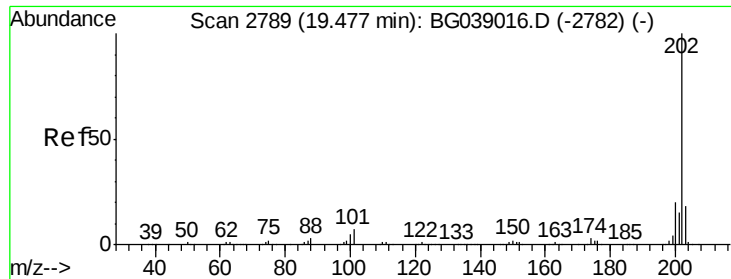
Sohil
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#74
 Di-n-butylphthalate
 Concen: 47.123 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.4	4.2	6.2





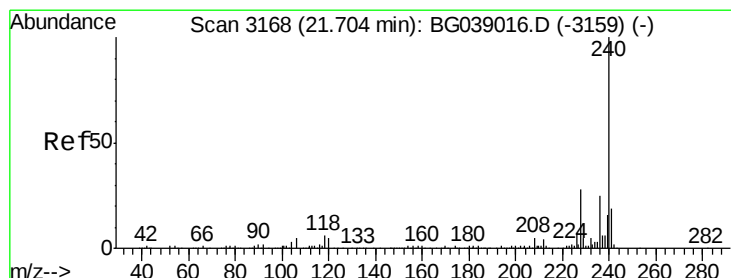
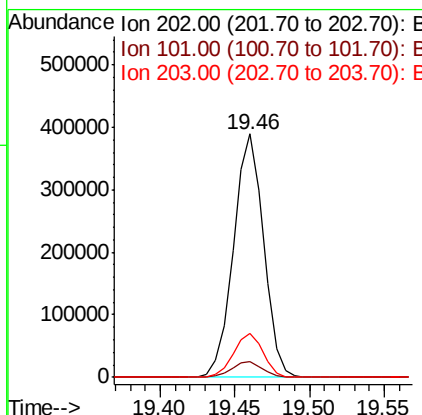
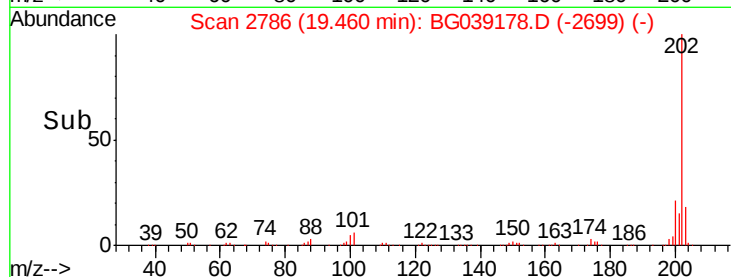
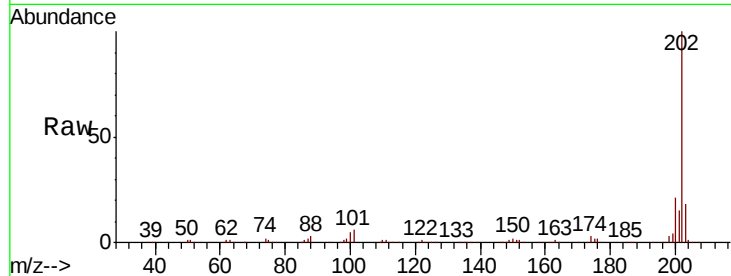
#75
 Fluoranthene
 Concen: 48.062 ng
 RT: 19.46 min Scan# 2786
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	26.9
203	18.0	0.0	38.1

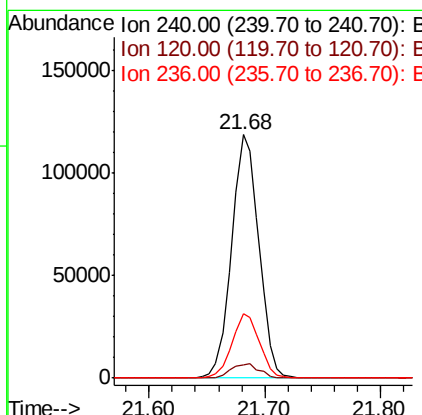
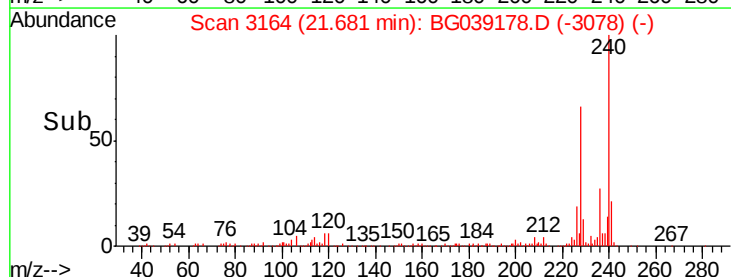
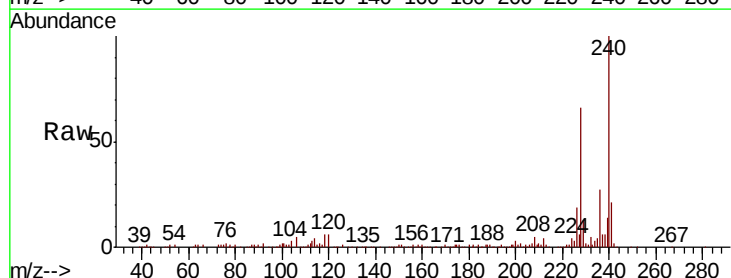
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.6	4.3	6.5
236	26.6	20.1	30.1





#77

Benzidine

Concen: 9.029 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-AMS

Tot Ion:184 Resp: 53433

Ion Ratio Lower Upper

184 100

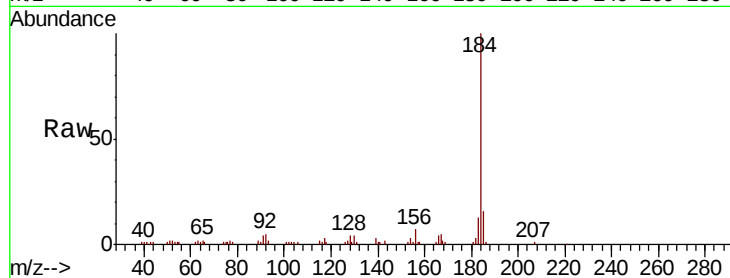
185 15.6 12.1 18.1

183 12.7 9.5 14.3

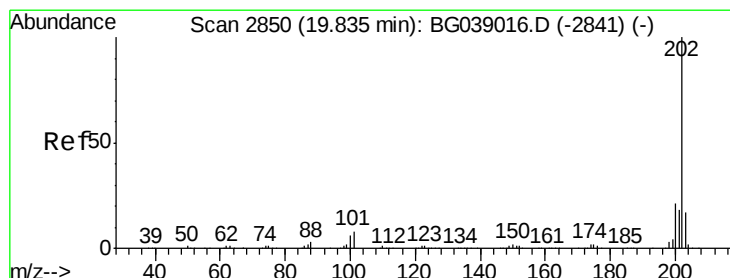
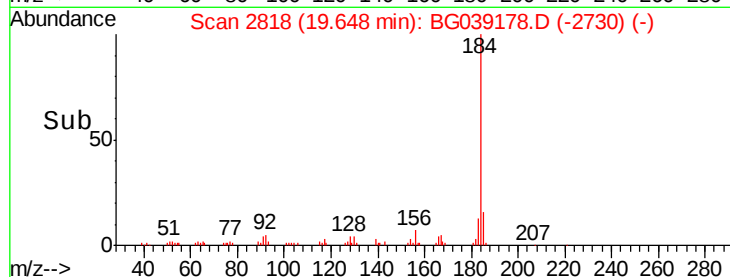
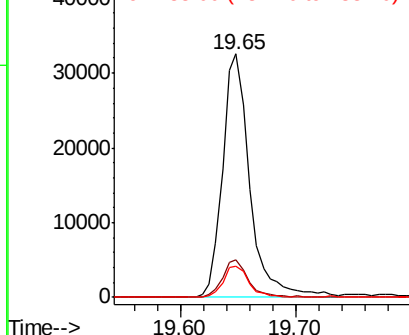
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.805 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

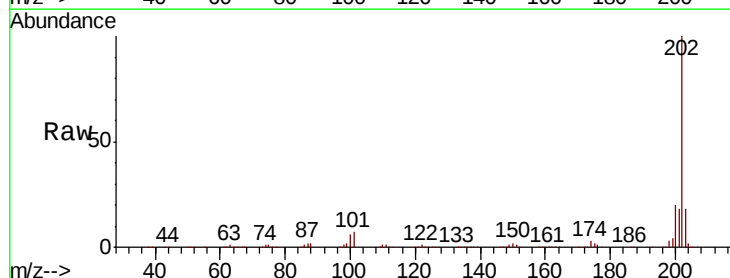
Tgt Ion:202 Resp: 552471

Ion Ratio Lower Upper

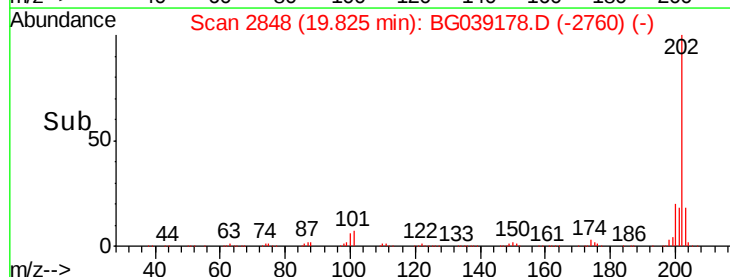
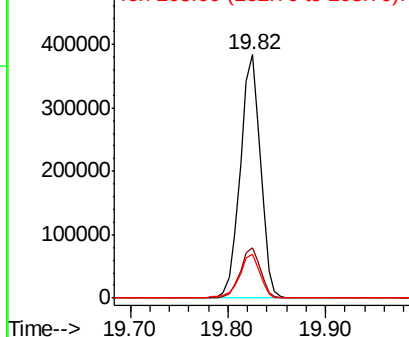
202 100

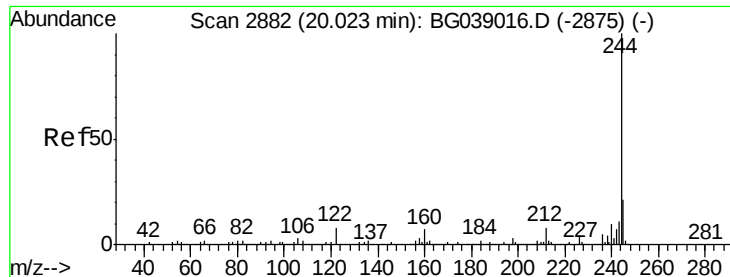
200 20.5 17.0 25.6

203 17.9 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: 81.006 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

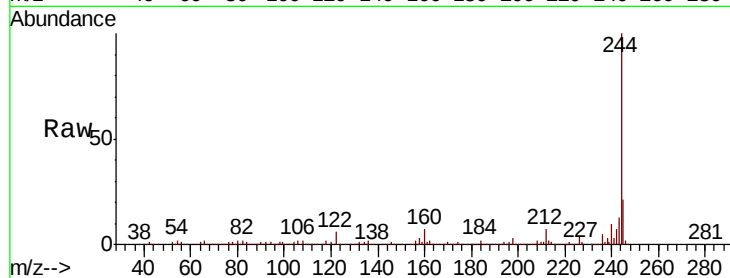
ClientSampleId :

OK-01-011519-AMS

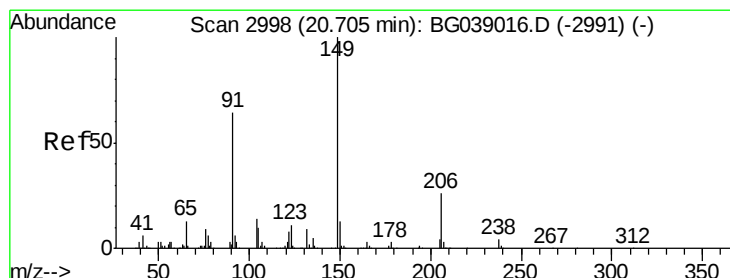
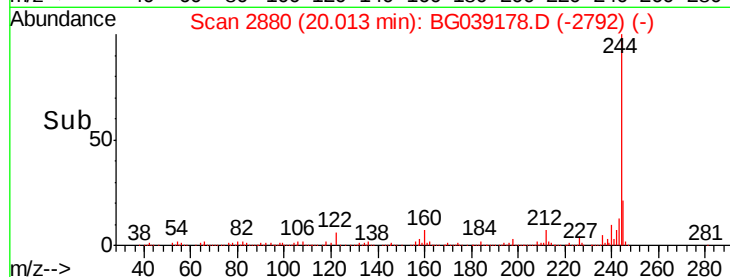
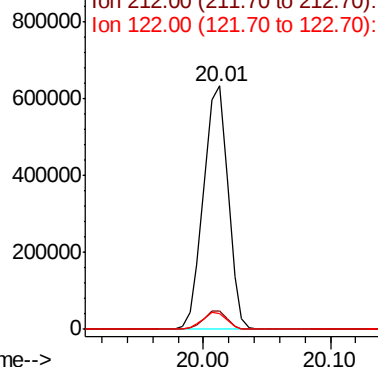
Tot Ion:	244	Resp:	847260
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.4	6.1	9.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.894 ng

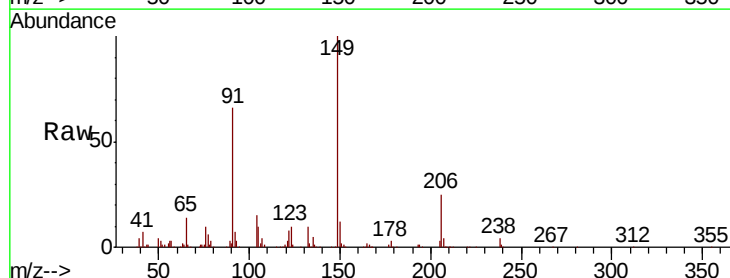
RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

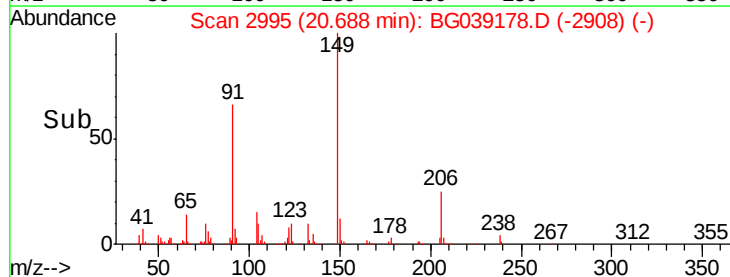
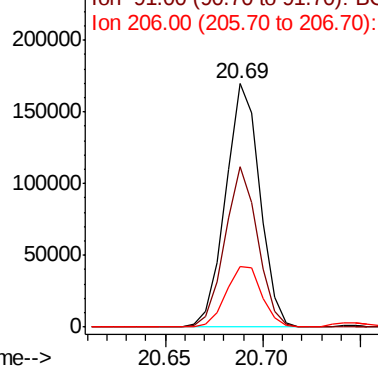
Lab File: BG039178.D

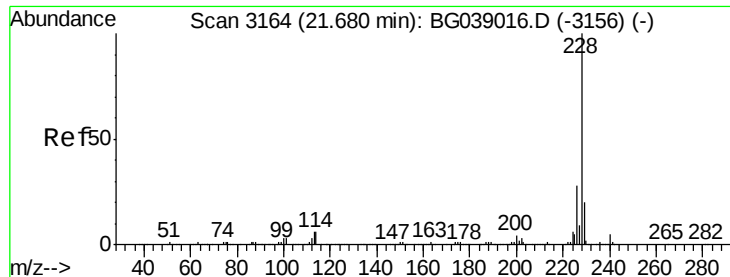
Acq: 17 Jan 2019 4:50

Tgt Ion:	149	Resp:	205854
Ion Ratio		Lower	Upper
149	100		
91	66.1	51.4	77.0
206	25.0	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: 50.291 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

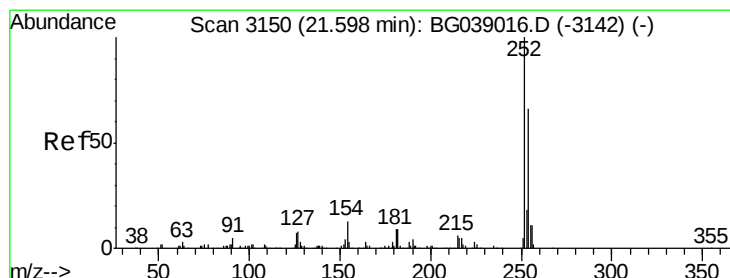
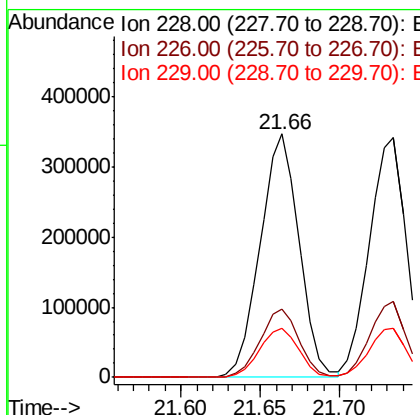
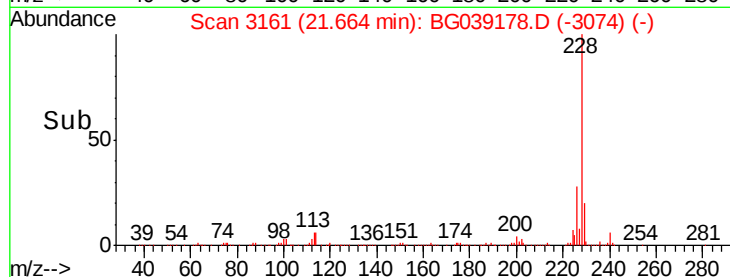
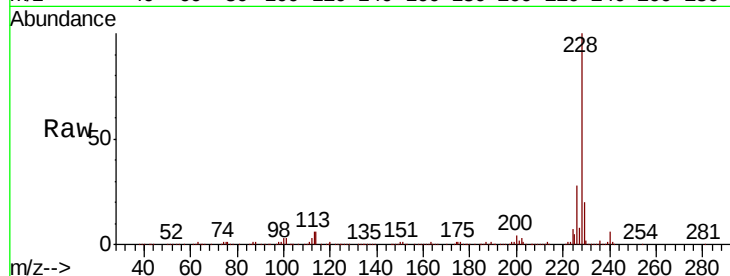
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	228	Resp:	592342
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.4	33.6
229	20.0	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 10.106 ng

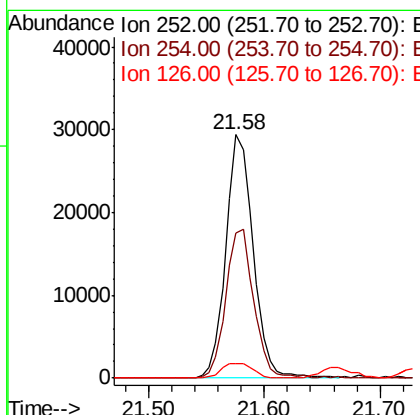
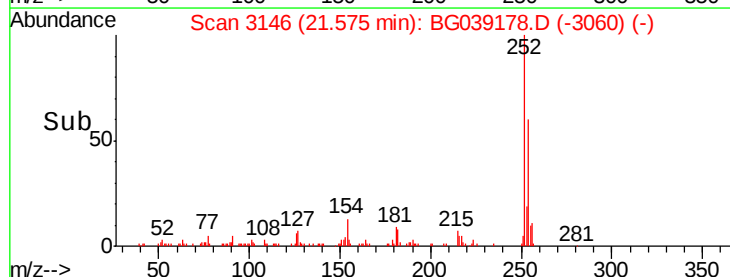
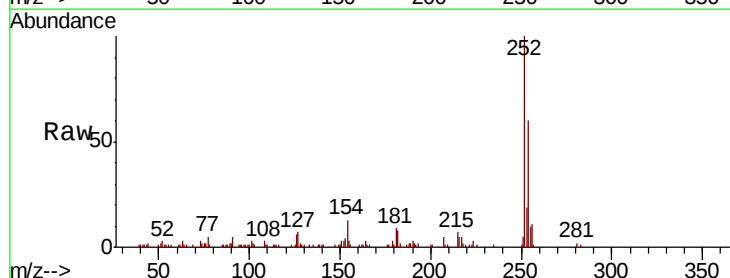
RT: 21.58 min Scan# 3146

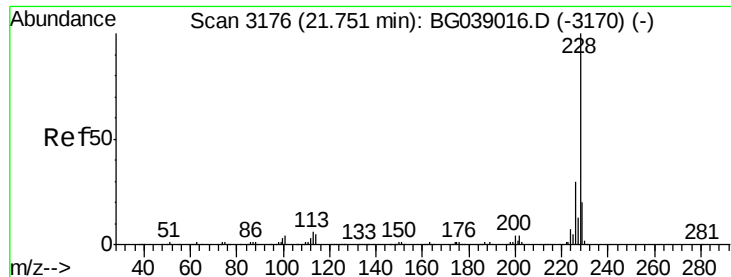
Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	252	Resp:	48501
Ion Ratio	Lower	Upper	
252	100		
254	59.8	53.0	79.6
126	5.9	6.0	9.0#





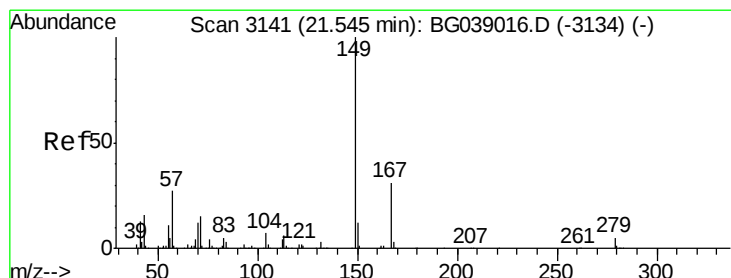
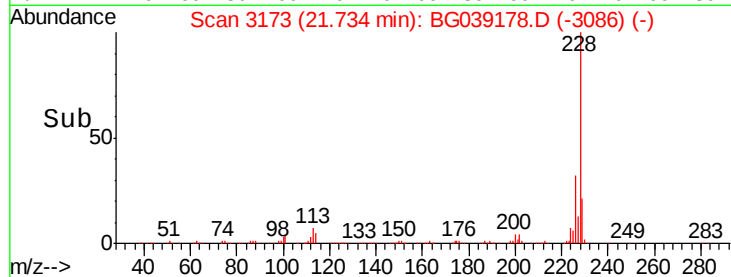
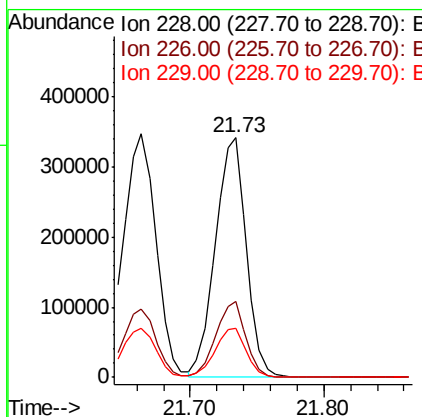
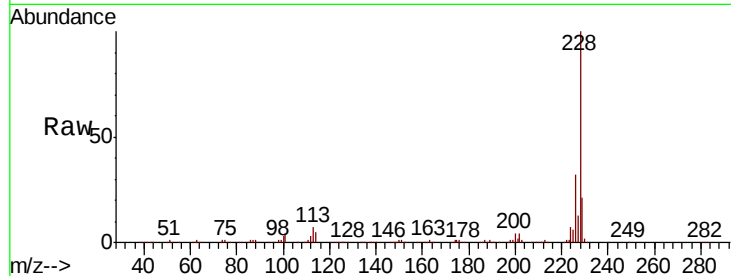
#83
 Chrysene
 Concen: 49.598 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	20.7	16.0	24.0

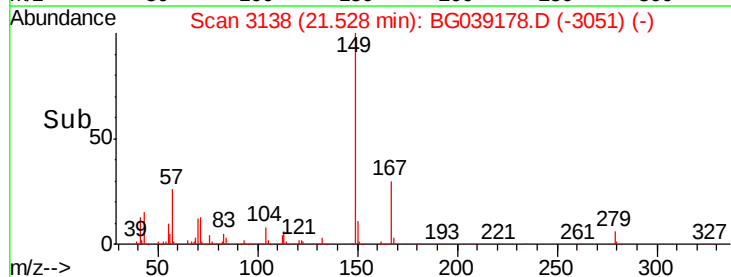
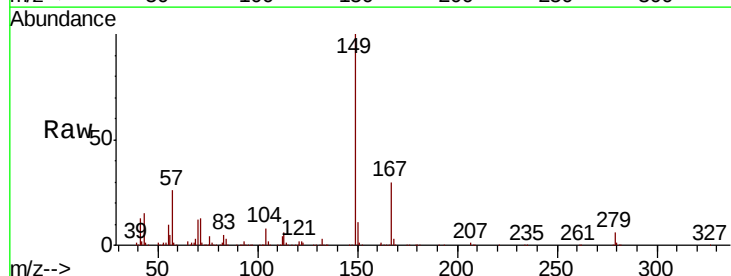
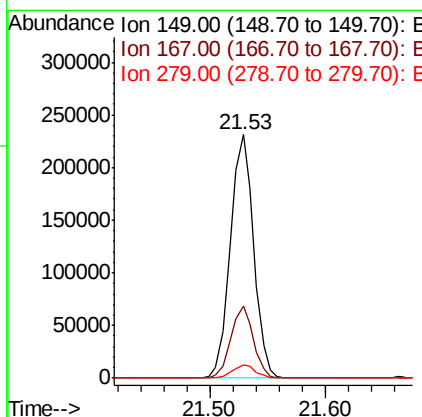
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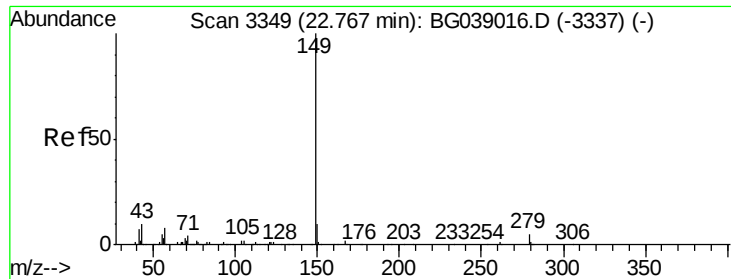
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.270 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.0	37.4
279	5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 47.500 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.02 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Instrument :

BNA_G

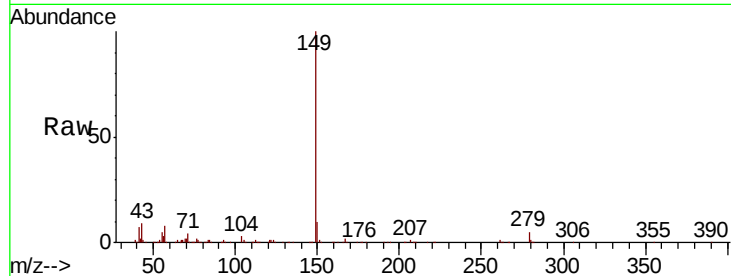
ClientSampleId :

OK-01-011519-AMS

Tot Ion:	149	Resp:	523014
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.7	7.5	11.3

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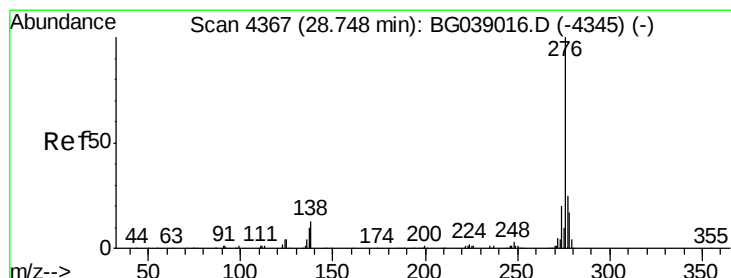
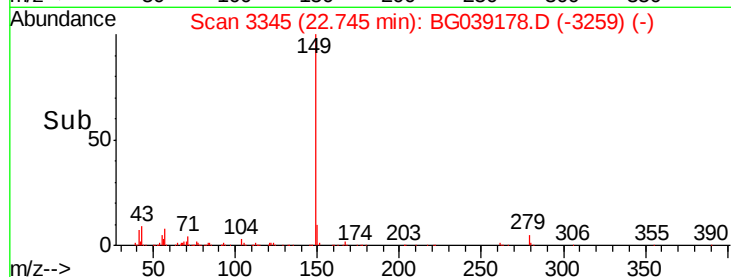
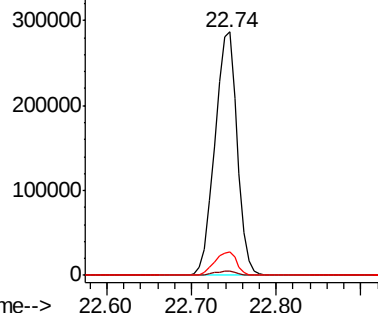


Abundance

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: 48.597 ng

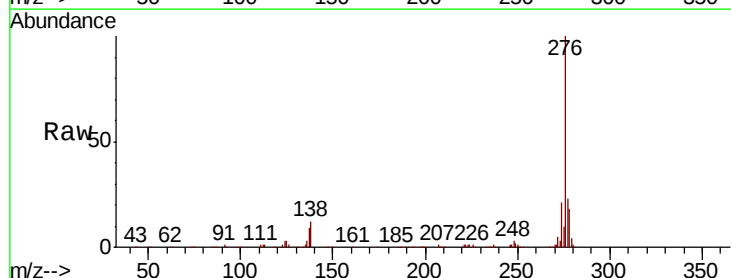
RT: 28.70 min Scan# 4358

Delta R.T. -0.05 min

Lab File: BG039178.D

Acq: 17 Jan 2019 4:50

Tgt Ion:	276	Resp:	650505
Ion Ratio	Lower	Upper	
276	100		
138	14.5	8.0	12.0#
277	25.4	20.3	30.5

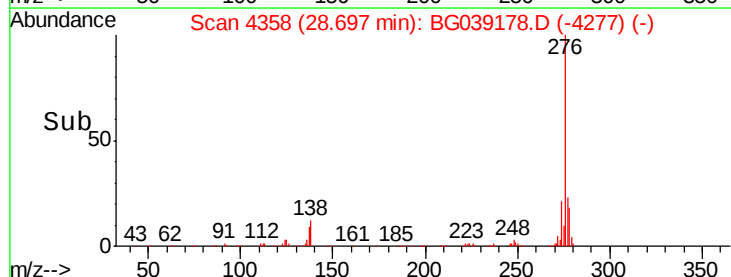
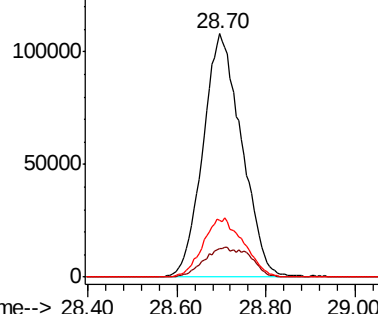


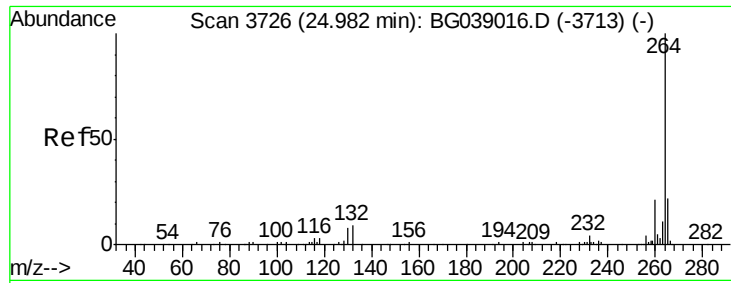
Abundance

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





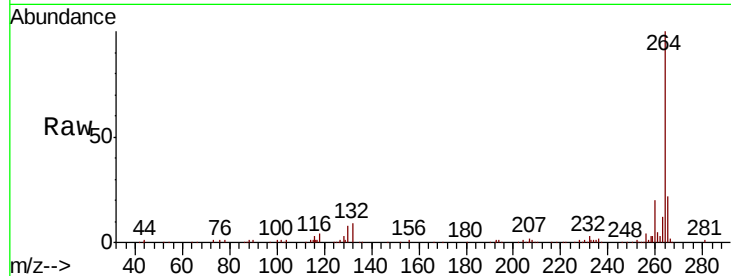
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.95 min Scan# 3720
 Delta R.T. -0.03 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.4	17.0	25.6
265	21.6	17.2	25.8

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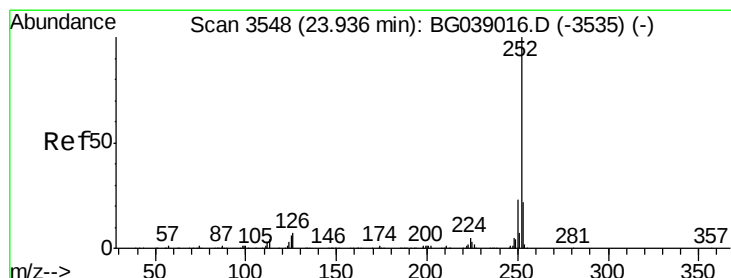
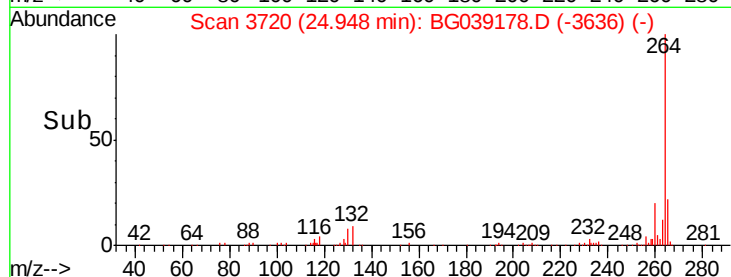
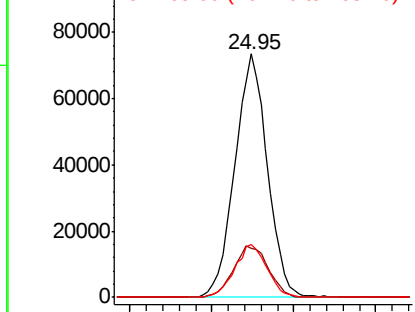


Abundance

Ion 264.00 (263.70 to 264.70): E

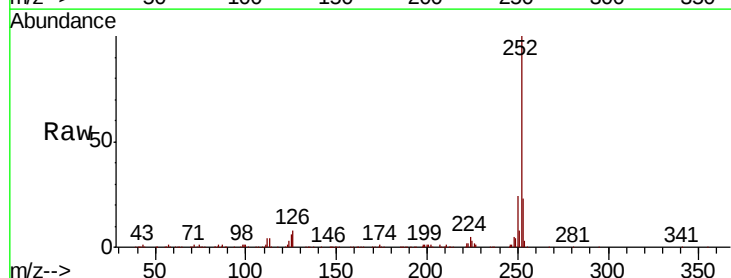
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 49.687 ng
 RT: 23.90 min Scan# 3542
 Delta R.T. -0.03 min
 Lab File: BG039178.D
 Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.8	4.9	7.3

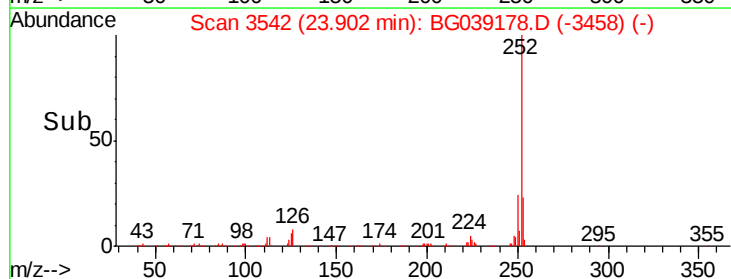
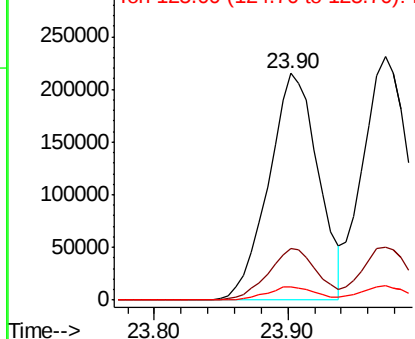


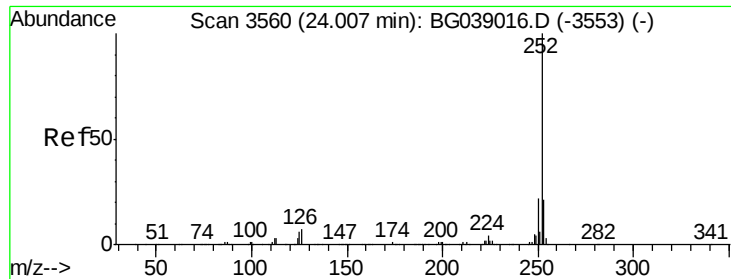
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





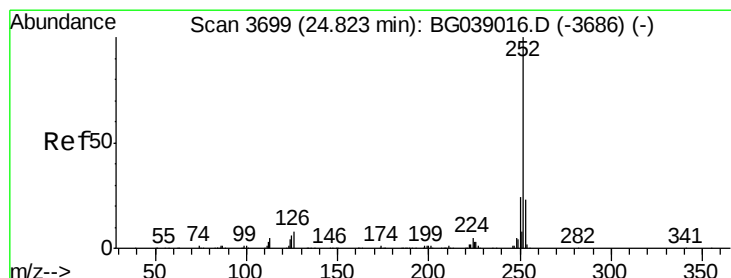
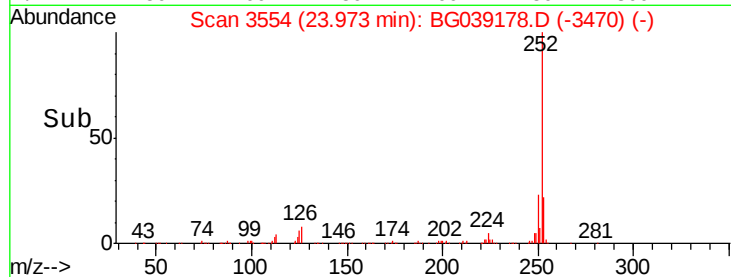
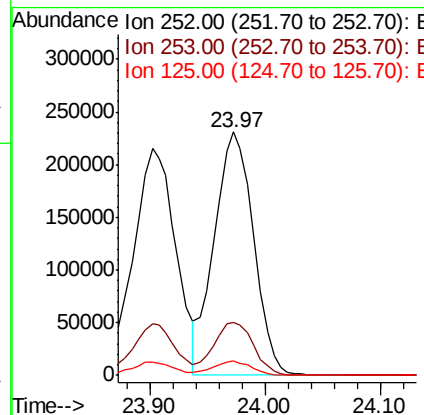
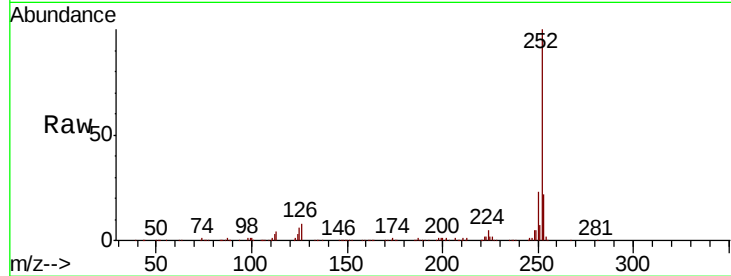
#89
Benzo(k)fluoranthene
Concen: 49.315 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	5.7	4.6	7.0

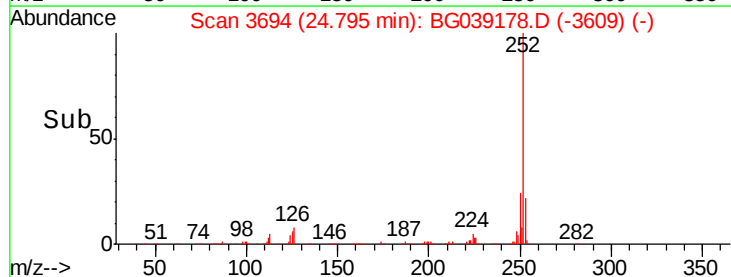
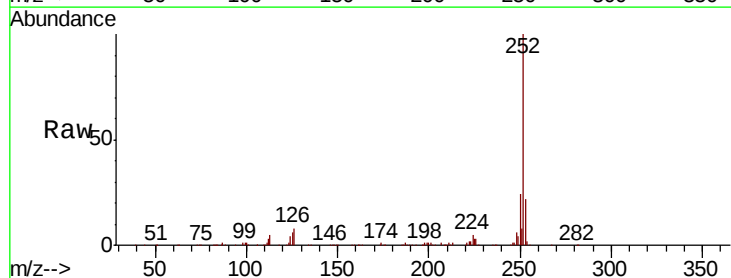
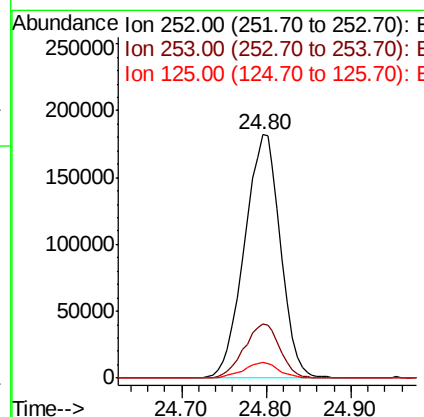
Manual Integrations
APPROVED

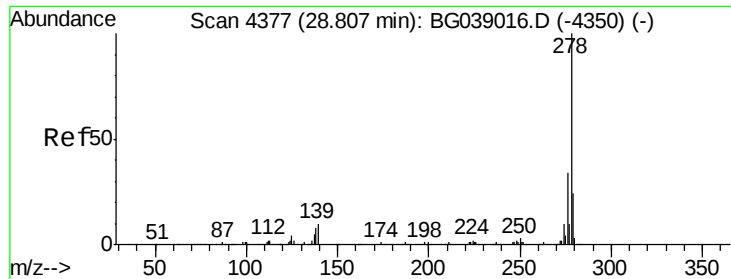
Sohil
1/17/2019 2:09:21 PM



#90
Benzo(a)pyrene
Concen: 49.885 ng
RT: 24.80 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.3	4.9	7.3





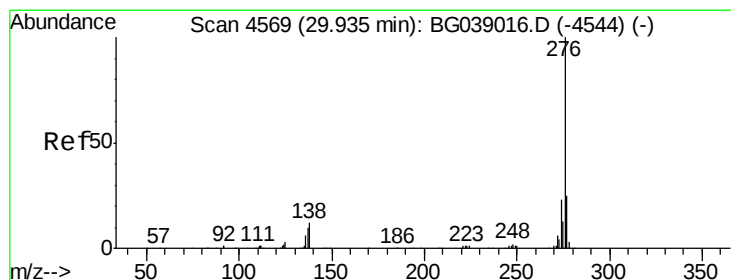
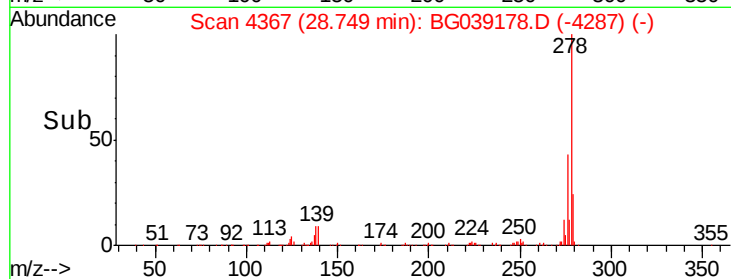
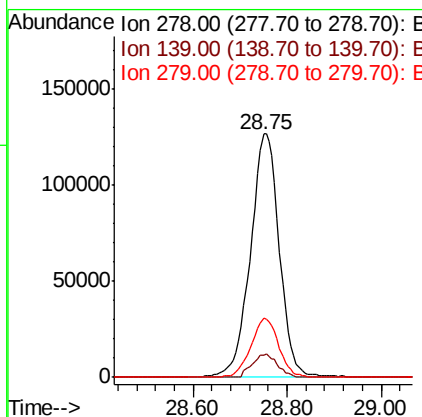
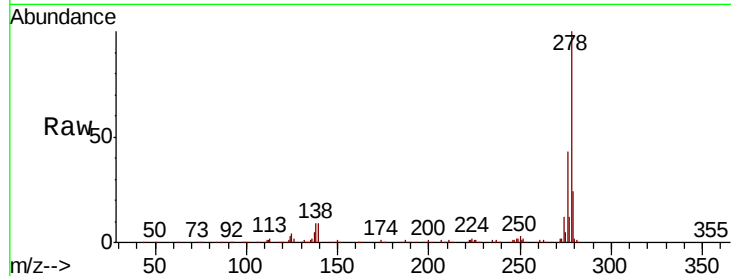
#91
Dibenzo(a,h)anthracene
Concen: 50.494 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.06 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.9	11.9
279	24.2	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/17/2019 2:09:21 PM



#92
Benzo(g,h,i)perylene
Concen: 50.638 ng
RT: 29.87 min Scan# 4558
Delta R.T. -0.06 min
Lab File: BG039178.D
Acq: 17 Jan 2019 4:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	20.3	30.5
138	12.1	9.4	14.2

