

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033799.D
 Acq On : 13 Apr 2018 16:49
 Operator : SJ/JU
 Sample : J2163-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:14:18 PM

Quant Time: Apr 16 08:55:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	28363	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	130437	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109554	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	307219	20.00	ng	0.00
75) Chrysene-d12	22.55	240	310264	20.00	ng	0.00
86) Perylene-d12	26.32	264	322001	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	204495	135.19	ng	0.01
7) Phenol-d6	7.99	99	319094	122.78	ng	0.02
23) Nitrobenzene-d5	10.06	82	250135	88.11	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	220231	134.41	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	631695	83.24	ng	0.00
78) Terphenyl-d14	20.73	244	1292164	89.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	27208	35.420	ng	# 87
3) Pyridine	4.39	79	65054	30.636	ng	98
4) n-Nitrosodimethylamine	4.30	42	33173	38.068	ng	# 81
6) Aniline	8.17	93	44438	14.540	ng	# 91
8) 2-Chlorophenol	8.40	128	91041	52.648	ng	92
9) Benzaldehyde	7.96	77	22881m	13.853	ng	
10) Phenol	8.02	94	99622	38.824	ng	82
11) bis(2-Chloroethyl)ether	8.23	93	88746	42.372	ng	97
12) 1,3-Dichlorobenzene	8.73	146	94758m	41.914	ng	
13) 1,4-Dichlorobenzene	8.89	146	94307	41.653	ng	95
14) 1,2-Dichlorobenzene	9.22	146	99491	45.023	ng	97
15) Benzyl Alcohol	9.10	79	98128	47.955	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.37	45	178272	52.212	ng	80
17) 2-Methylphenol	9.31	107	89350m	51.115	ng	
18) Hexachloroethane	9.97	117	40048	45.829	ng	96
19) n-Nitroso-di-n-propylamine	9.66	70	97419	51.154	ng	92
20) 3+4-Methylphenols	9.64	107	112142	45.058	ng	91
22) Acetophenone	9.70	105	156414	43.770	ng	# 94
24) Nitrobenzene	10.10	77	132028	43.447	ng	94
25) Isophorone	10.61	82	247609	44.937	ng	100
26) 2-Nitrophenol	10.83	139	53352	46.374	ng	# 82
27) 2,4-Dimethylphenol	10.87	122	84020	50.272	ng	83
28) bis(2-Chloroethoxy)methane	11.10	93	128186	46.625	ng	97
29) 2,4-Dichlorophenol	11.38	162	107911	52.502	ng	95
30) 1,2,4-Trichlorobenzene	11.58	180	113755	42.598	ng	97
31) Naphthalene	11.78	128	310133	45.883	ng	96
32) Benzoic acid	11.02	122	45537m	29.310	ng	
33) 4-Chloroaniline	11.78	127	41617	13.743	ng	# 23
34) Hexachlorobutadiene	12.04	225	87914	43.534	ng	96
35) Caprolactam	12.63	113	30381	37.730	ng	89
36) 4-Chloro-3-methylphenol	12.98	107	134584	50.204	ng	94
37) 2-Methylnaphthalene	13.34	142	226490	43.171	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	154649	38.971	ng	98
40) Hexachlorocyclopentadiene	13.66	237	154892	66.582	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107560	46.651	ng	96
43) 2,4,5-Trichlorophenol	14.02	196	120923	44.372	ng	96
45) 1,1'-Biphenyl	14.31	154	352296	41.856	ng	95
46) 2-Chloronaphthalene	14.37	162	274980	42.371	ng	95
47) 2-Nitroaniline	14.57	65	104898	43.154	ng	96
48) Acenaphthylene	15.20	152	459806	42.446	ng	98
49) Dimethylphthalate	14.90	163	426751	44.760	ng	100
50) 2,6-Dinitrotoluene	15.04	165	90656	46.503	ng	95
51) Acenaphthene	15.54	154	275930	39.514	ng	96
52) 3-Nitroaniline	15.41	138	11958	5.851	ng	# 98
53) 2,4-Dinitrophenol	15.58	184	87727	86.238	ng	# 72
54) Dibenzofuran	15.87	168	463119	44.898	ng	91
55) 4-Nitrophenol	15.70	139	107130	74.543	ng	# 80
56) 2,4-Dinitrotoluene	15.82	165	134387	46.818	ng	93
57) Fluorene	16.51	166	378983	43.127	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	121239	47.256	ng	98
59) Diethylphthalate	16.24	149	442024	47.746	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	225044	44.550	ng	96
61) 4-Nitroaniline	16.55	138	47661	23.028	ng	90
62) Azobenzene	16.78	77	420969	46.941	ng	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	82747	45.023	ng	95
65) n-Nitrosodiphenylamine	16.69	169	363018	41.390	ng	94
66) 4-Bromophenyl-phenylether	17.37	248	153647	42.585	ng	94
67) Hexachlorobenzene	17.50	284	155828	40.924	ng	97
68) Atrazine	17.62	200	110536	31.101	ng	99
69) Pentachlorophenol	17.85	266	203149	77.732	ng	99
70) Phenanthrene	18.25	178	652874	40.805	ng	98
71) Anthracene	18.34	178	663830	40.976	ng	98
72) Carbazole	18.60	167	637964	44.439	ng	98
73) Di-n-butylphthalate	19.09	149	763340	45.683	ng	# 98
74) Fluoranthene	20.20	202	825584	41.697	ng	98
77) Pyrene	20.56	202	846410	40.904	ng	99
79) Butylbenzylphthalate	21.41	149	337260	44.167	ng	96
80) Benzo(a)anthracene	22.53	228	796705	40.327	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	40666	5.784	ng	92
82) Chrysene	22.61	228	777497	40.655	ng	99
83) Bis(2-ethylhexyl)phthalate	22.35	149	472556	44.892	ng	99
84) Di-n-octyl phthalate	23.73	149	800052	49.640	ng	100
85) Indeno(1,2,3-cd)pyrene	30.71	276	868499	42.004	ng	# 80
87) Benzo(b)fluoranthene	25.11	252	755015m	40.584	ng	
88) Benzo(k)fluoranthene	25.19	252	791955	42.091	ng	# 96
89) Benzo(a)pyrene	26.14	252	730545	40.891	ng	# 97
90) Dibenzo(a,h)anthracene	30.78	278	734387	43.639	ng	# 95
91) Benzo(g,h,i)perylene	32.09	276	697792	41.873	ng	# 96

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

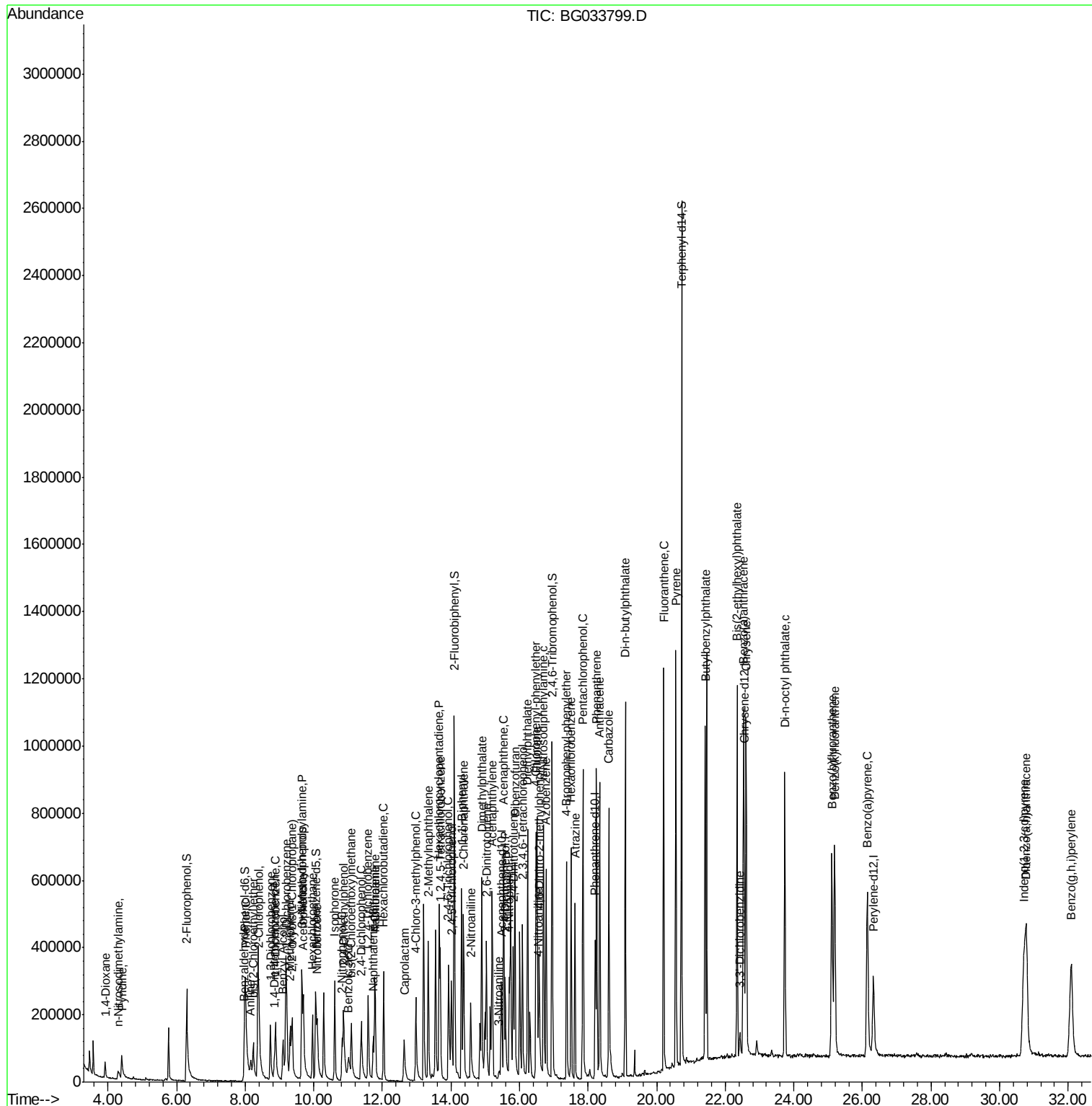
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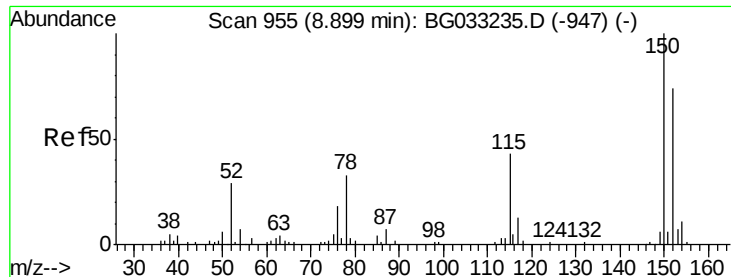
Instrument :
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#1

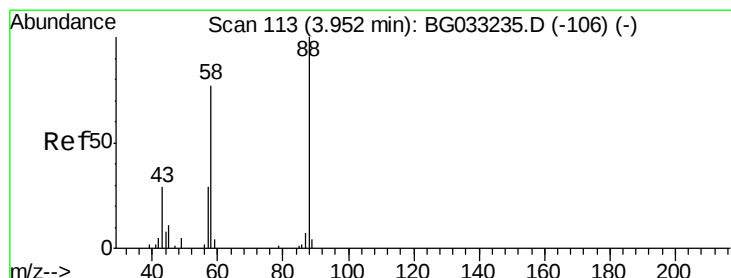
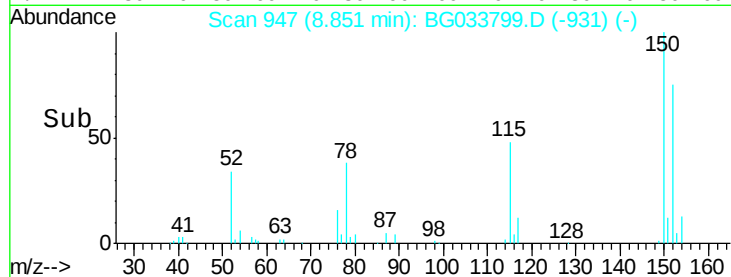
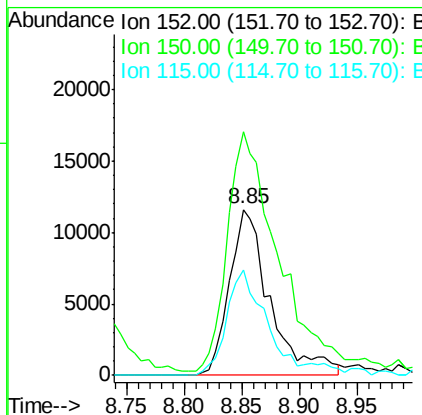
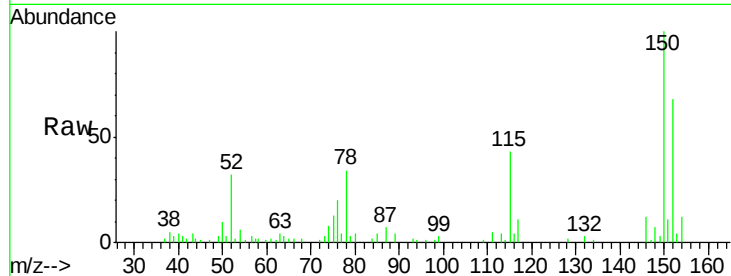
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	63.8	53.0	79.4

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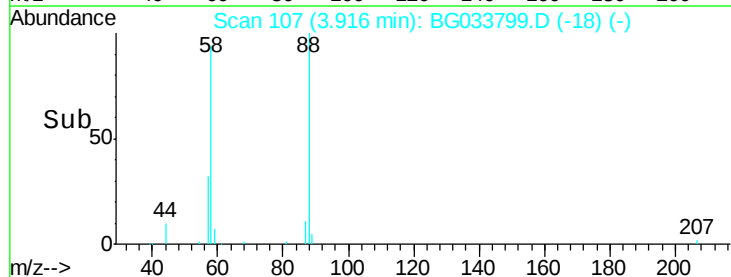
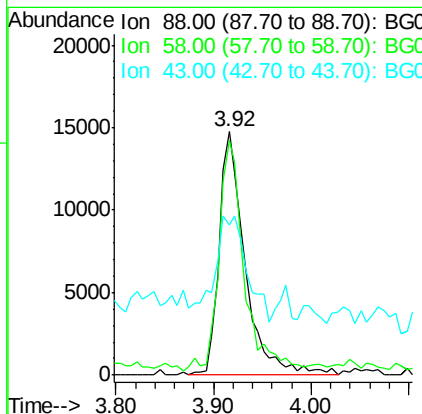
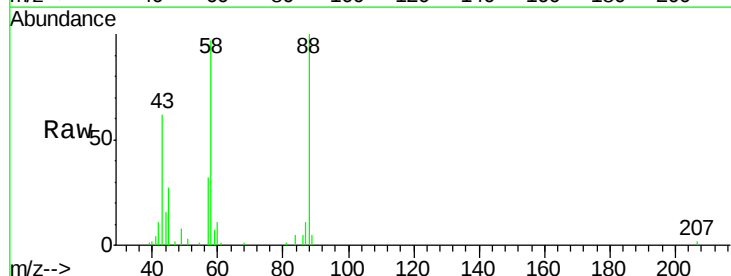
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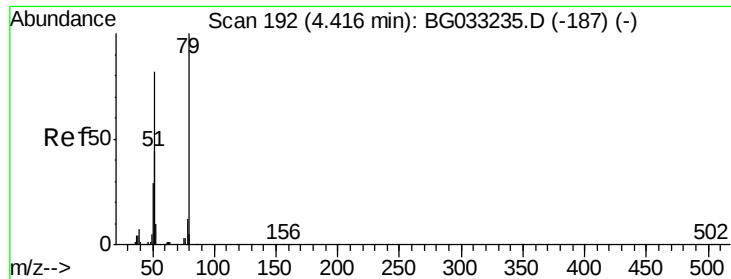


#2

1,4-Dioxane
Concen: 35.420 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.4	79.6	119.4
43	50.9	27.4	41.0





#3

Pvridine

Concen: 30.636 ng

RT: 4.39 min Scan# 188

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

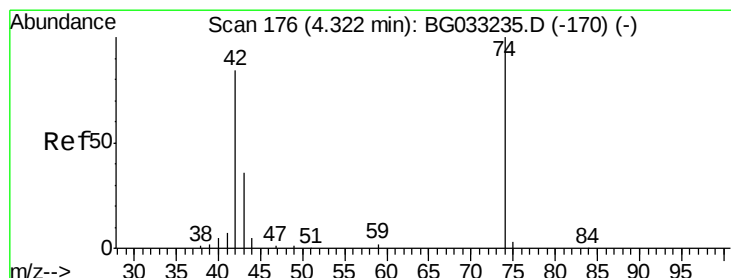
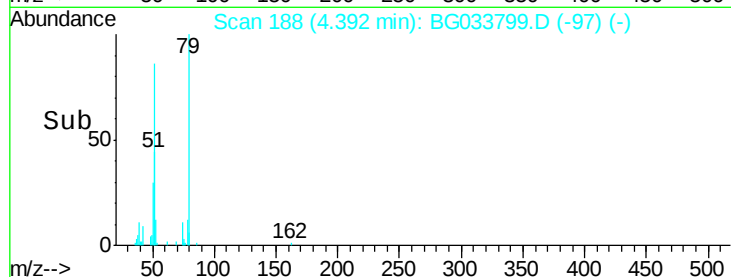
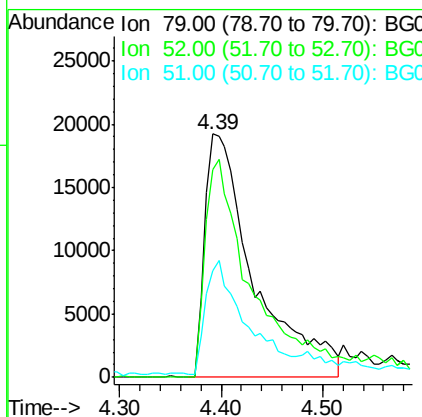
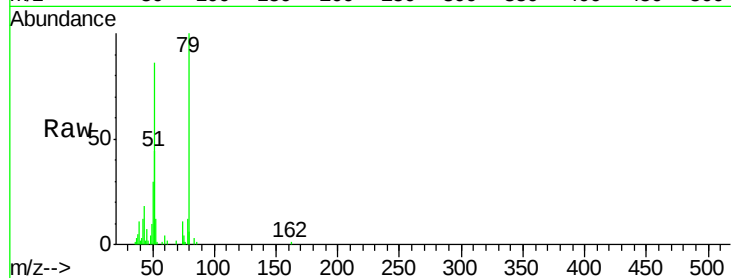
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	79	Resp:	65054
Ion	Ratio	Lower	Upper
79	100		
52	85.6	69.9	104.9
51	43.8	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 38.068 ng

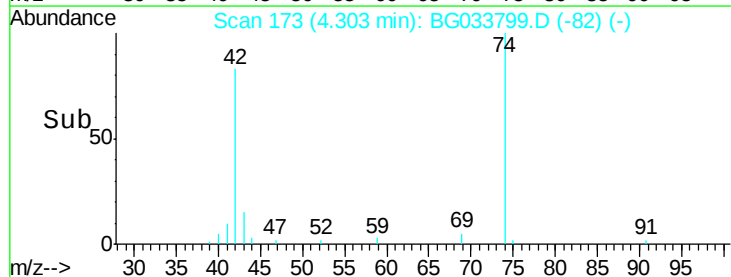
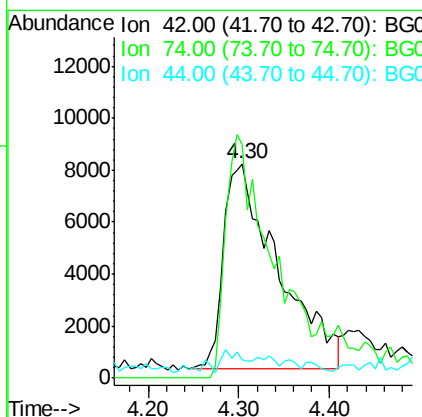
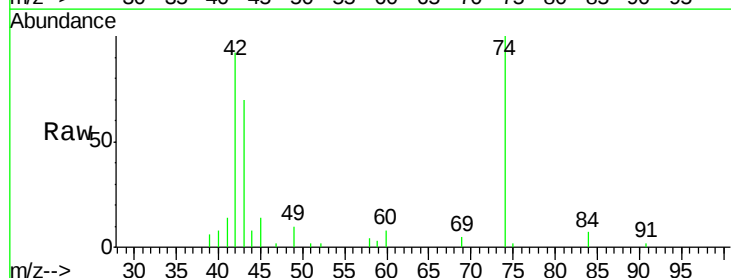
RT: 4.30 min Scan# 173

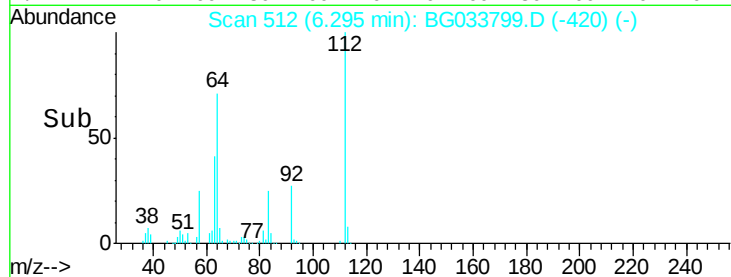
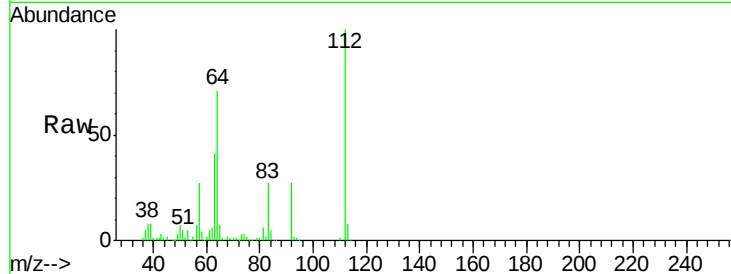
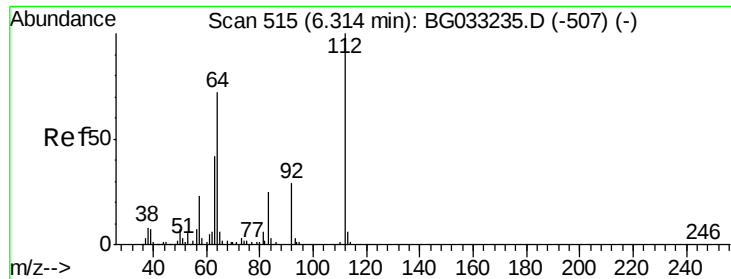
Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	42	Resp:	33173
Ion	Ratio	Lower	Upper
42	100		
74	108.4	102.5	153.7
44	8.4	18.9	28.3#





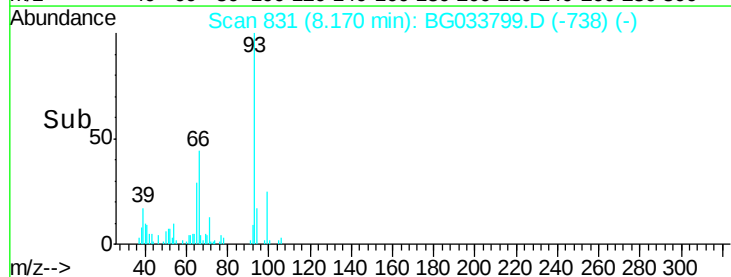
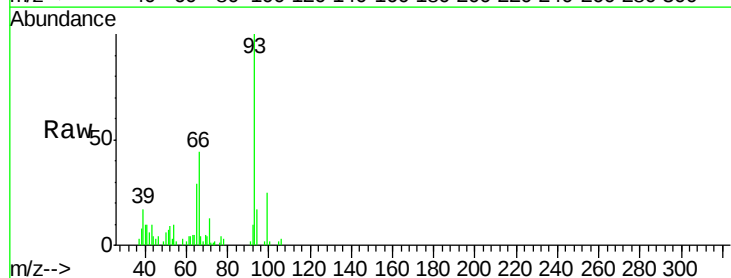
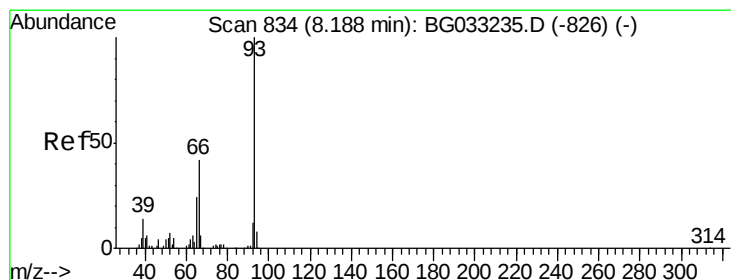
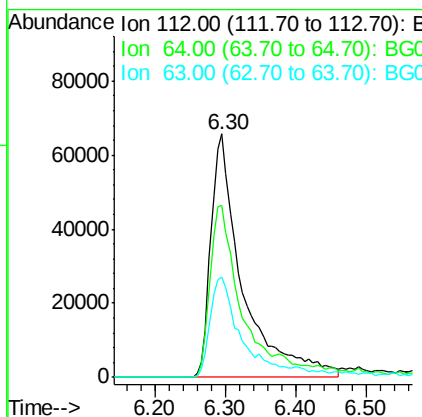
#5
2-Fluorophenol
Concen: 135.195 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tot Ion	Ratio	Resp	Lower	Upper
112	100	204495		
64	70.6	56.3	84.5	
63	41.1	30.1	45.1	

Instrument :
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ClientSampleId :
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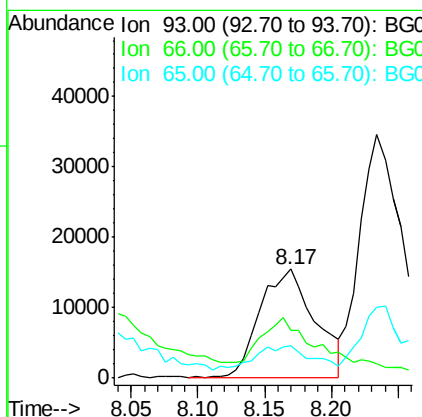
Manual Integrations
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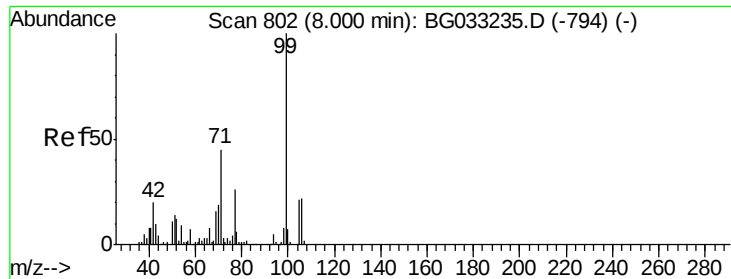
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#6
Aniline
Concen: 14.540 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	44438		
66	44.2	33.7	50.5	
65	29.3	16.1	24.1	





#7

Phenol-d6

Concen: 122.778 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-AMS

Tot Ion: 99 Resp: 319094

Ion Ratio Lower Upper

99 100

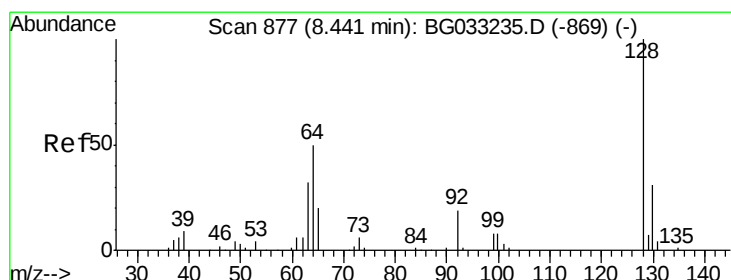
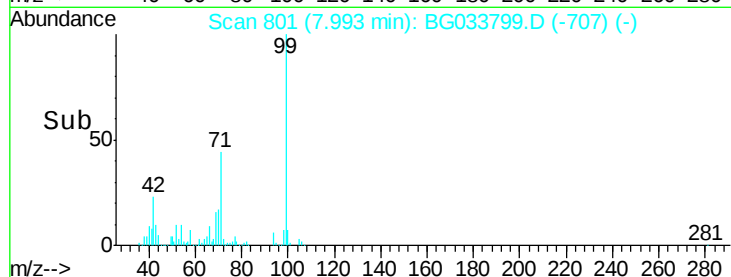
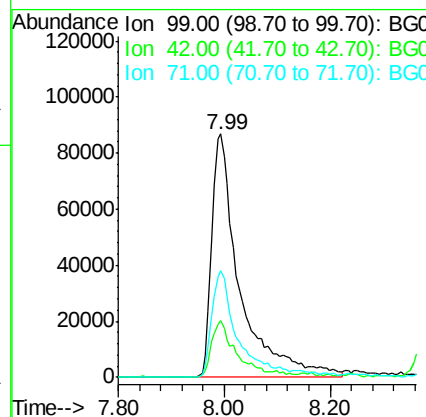
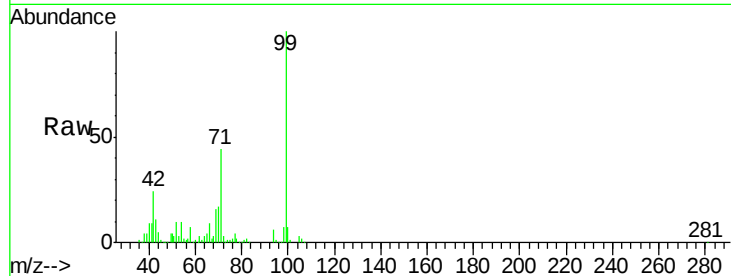
42 23.5 14.1 21.1#

71 43.8 26.1 39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.648 ng

RT: 8.40 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

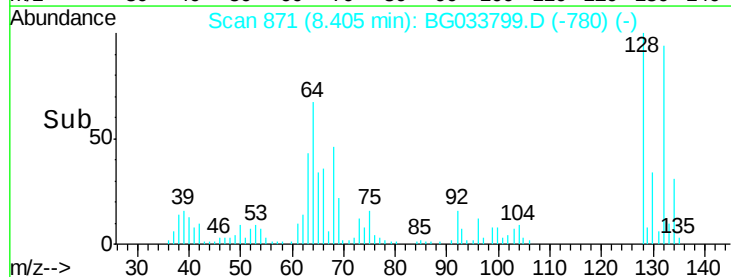
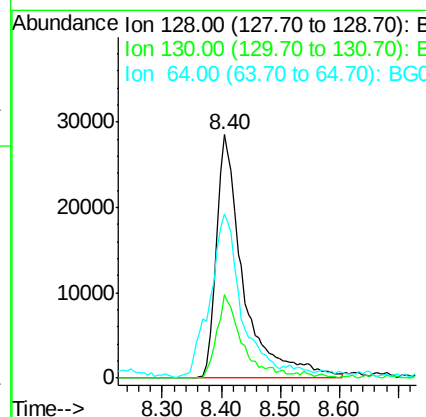
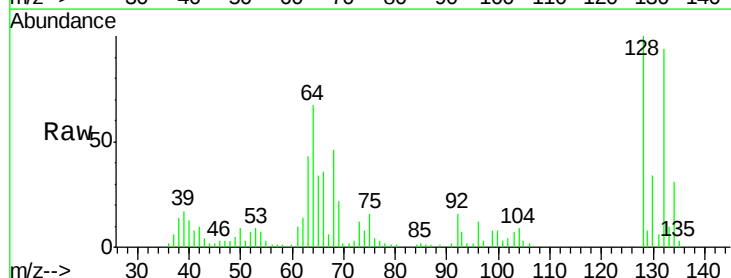
Tgt Ion: 128 Resp: 91041

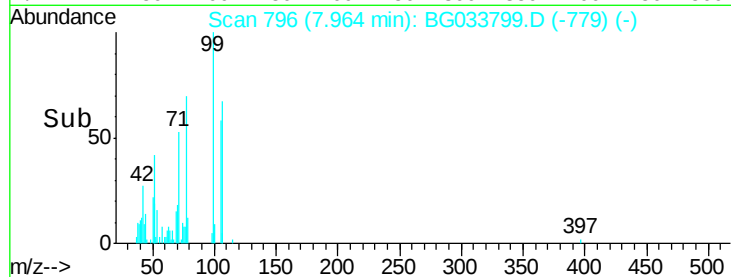
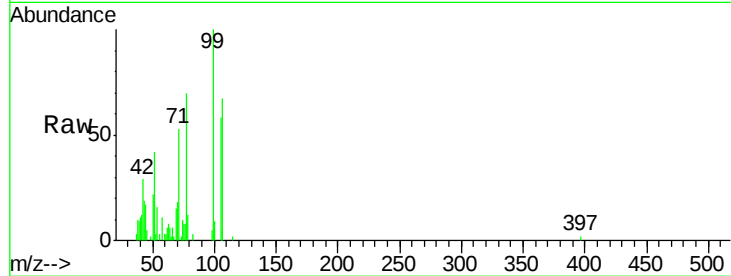
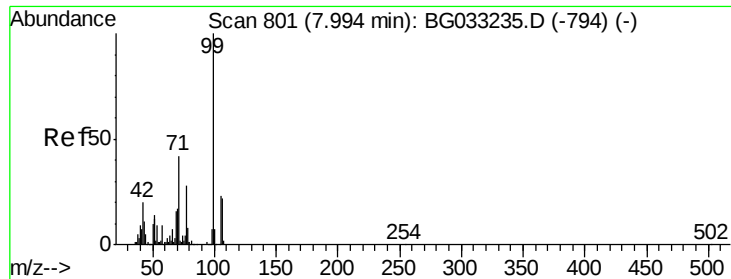
Ion Ratio Lower Upper

128 100

130 34.1 14.0 54.0

64 67.4 37.7 77.7





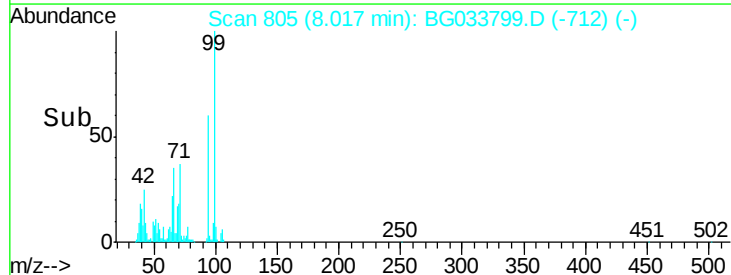
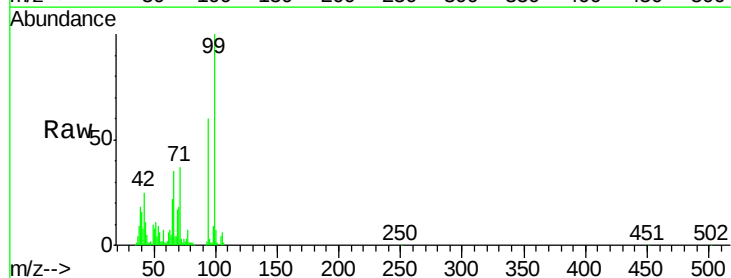
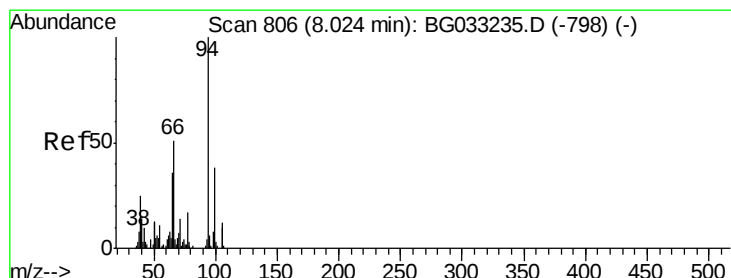
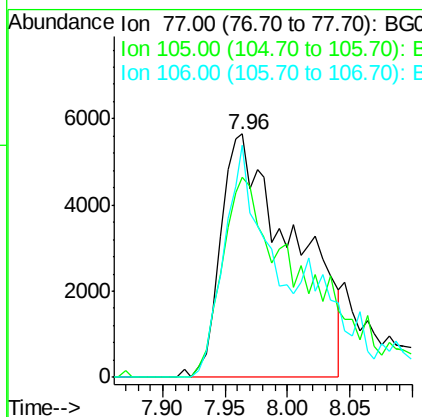
#9
Benzaldehyde
Concen: 13.853 ng/ml
RT: 7.96 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tot Ion:	77	Resp:	22881
Ion	Ratio	Lower	Upper
77	100		
105	81.9	71.3	111.3
106	95.2	64.2	104.2

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

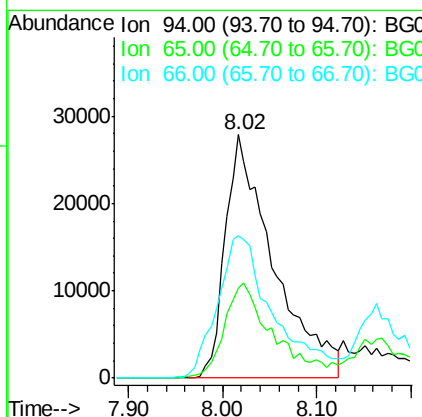
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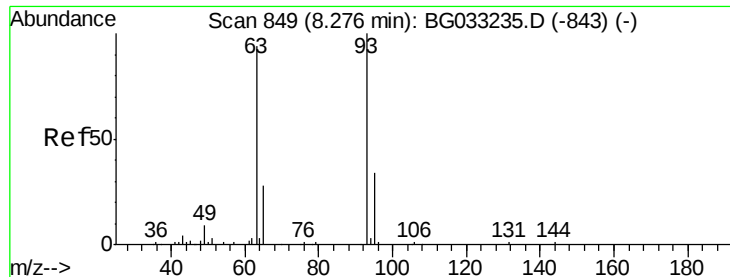
Sohil
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#10
Phenol
Concen: 38.824 ng/ml
RT: 8.02 min Scan# 805
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:	94	Resp:	99622
Ion	Ratio	Lower	Upper
94	100		
65	37.0	11.9	51.9
66	58.3	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 42.372 ng

RT: 8.23 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

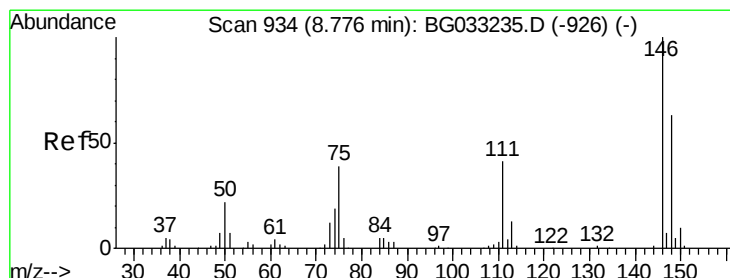
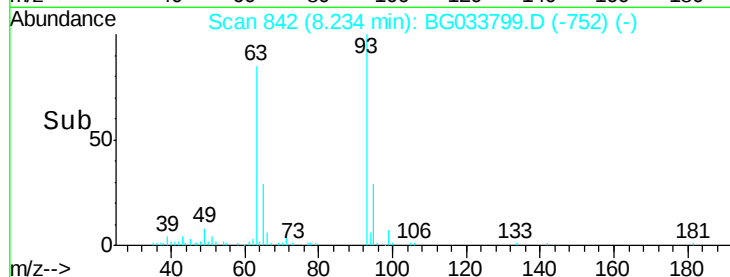
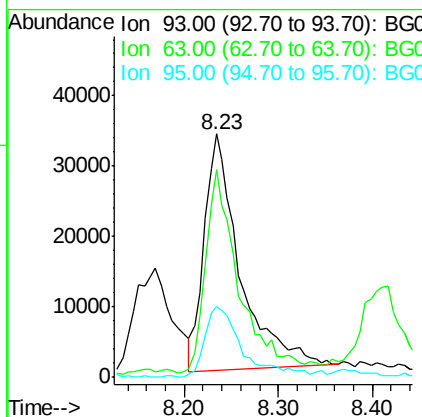
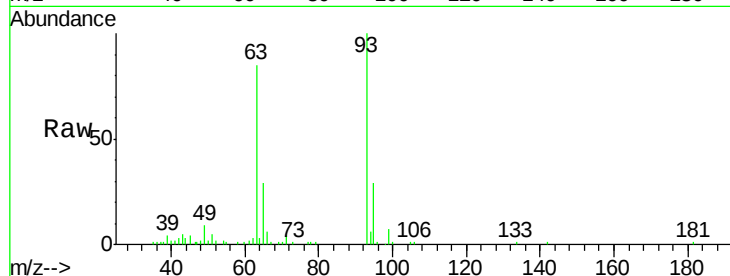
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	93	Resp:	88746
Ion	Ratio	Lower	Upper
93	100		
63	85.4	67.1	107.1
95	28.8	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 41.914 ng m

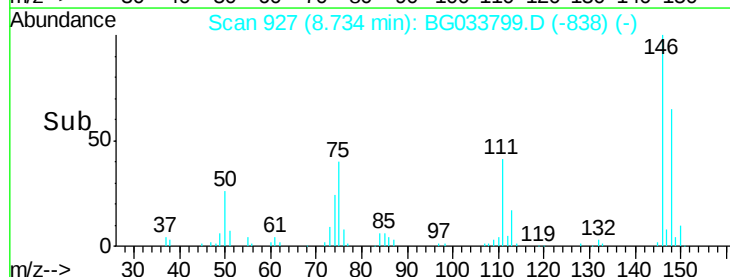
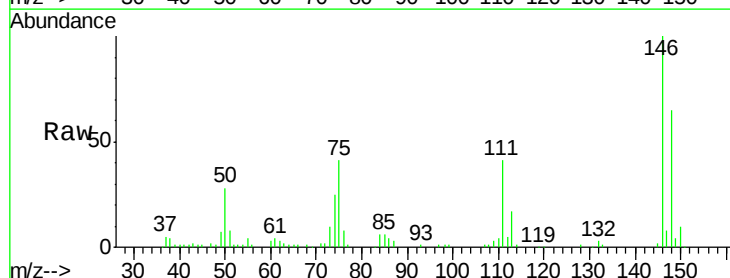
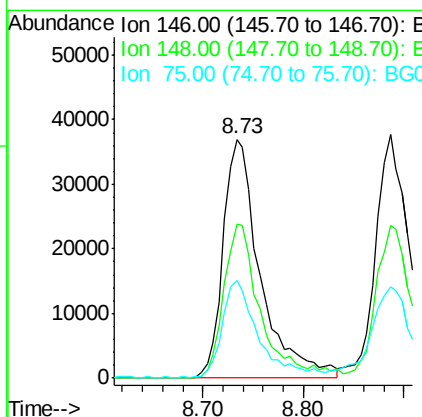
RT: 8.73 min Scan# 927

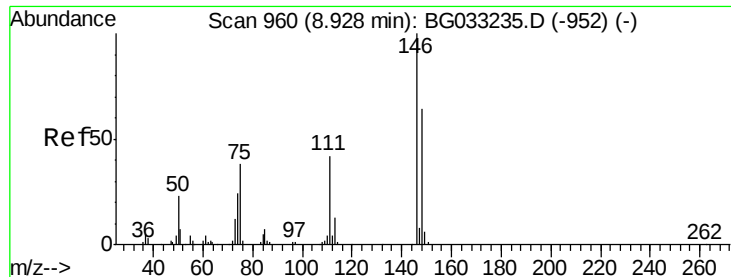
Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	146	Resp:	94758
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	40.8	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 41.653 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

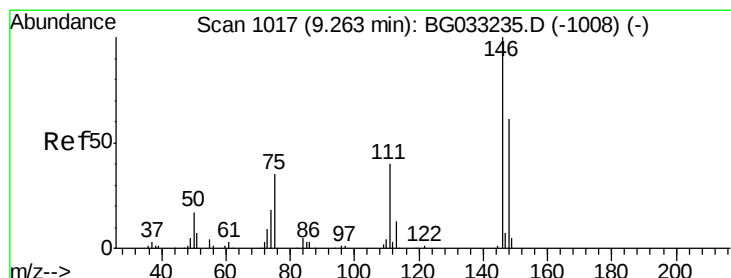
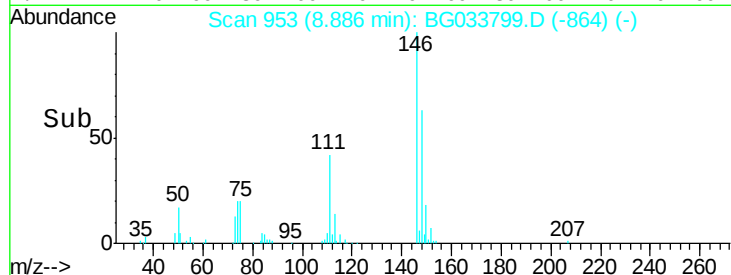
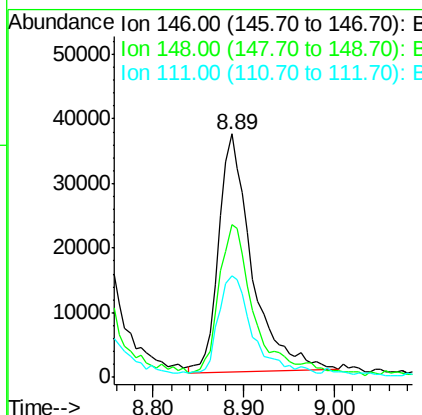
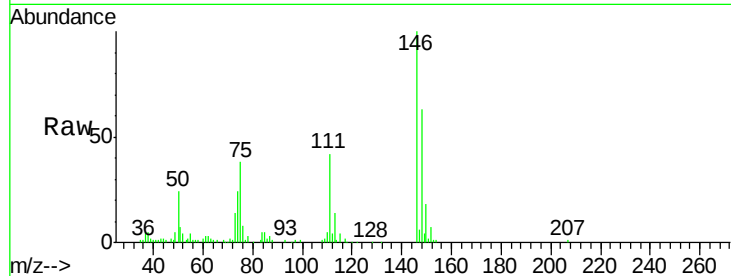
ClientSampleId :

PL-01-041118-AMS

Tot Ion:146	Resp:	94307
Ion Ratio	Lower	Upper
146	100	
148	63.0	53.7 80.5
111	41.6	35.2 52.8

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#14

1,2-Dichlorobenzene

Concen: 45.023 ng

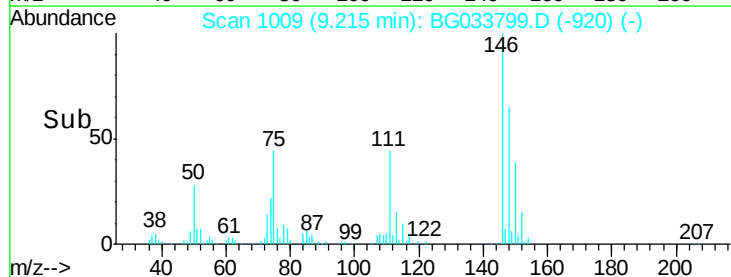
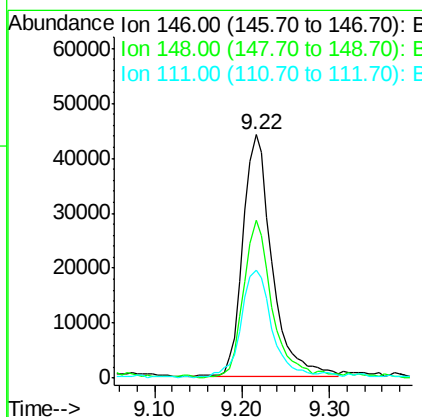
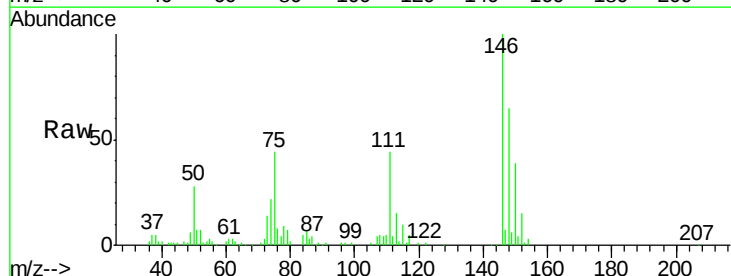
RT: 9.22 min Scan# 1009

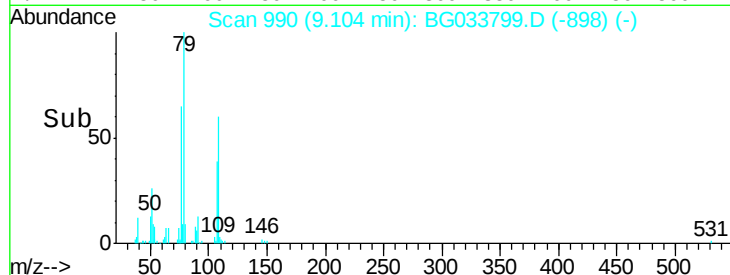
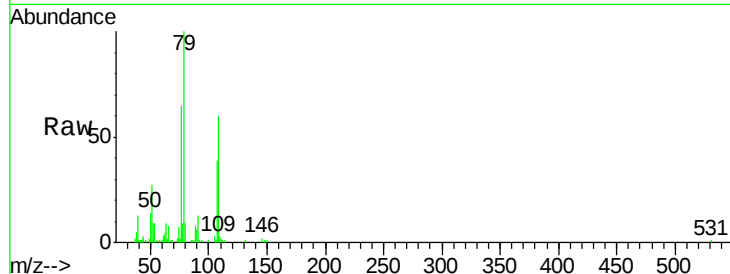
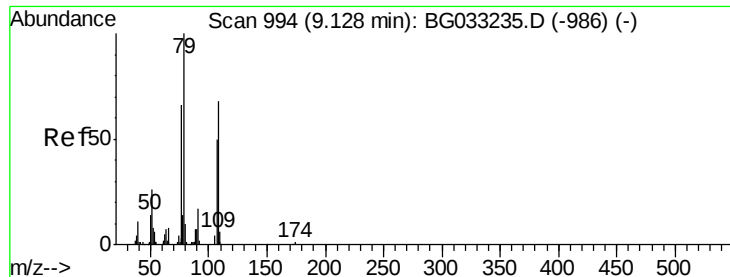
Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:146	Resp:	99491
Ion Ratio	Lower	Upper
146	100	
148	64.6	49.3 73.9
111	44.5	34.3 51.5





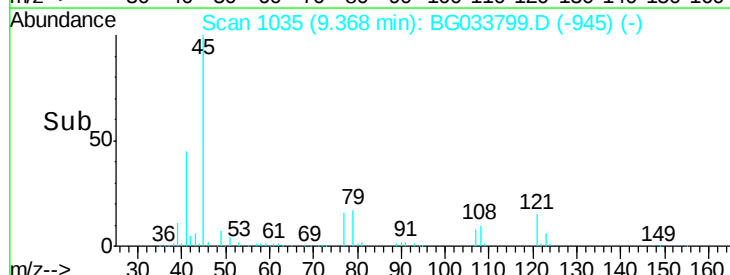
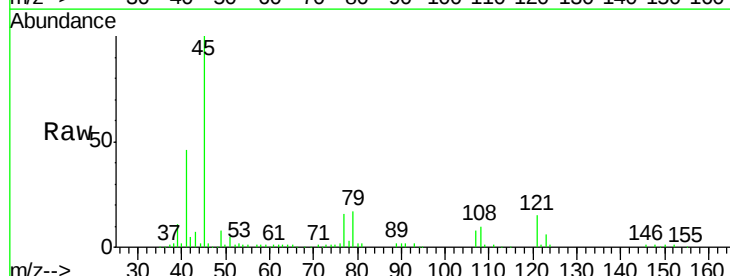
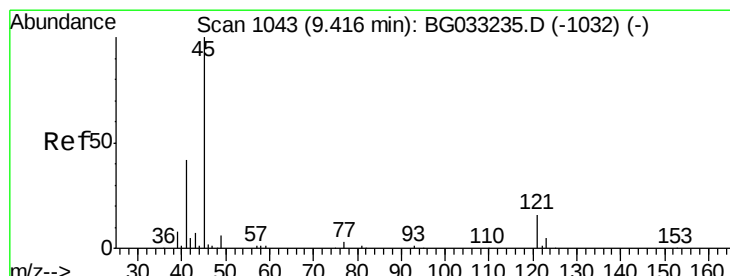
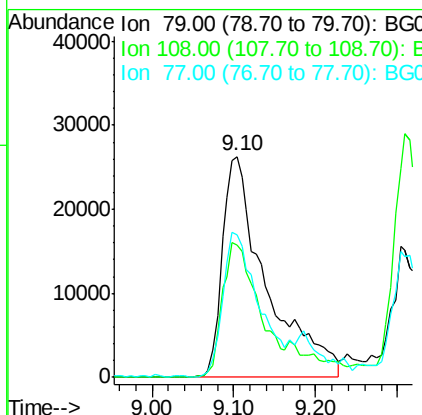
#15
Benzyl Alcohol
Concen: 47.955 ng
RT: 9.10 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tot Ion:	79	Resp:	98128
Ion Ratio	Lower	Upper	
79	100		
108	59.6	57.2	85.8
77	64.5	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

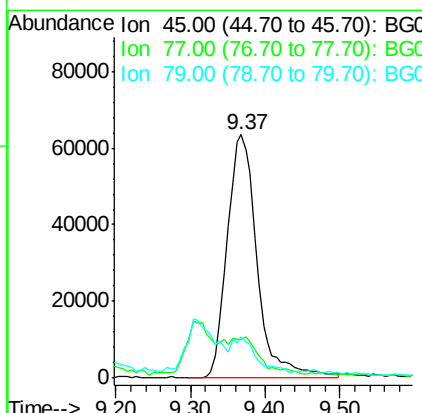
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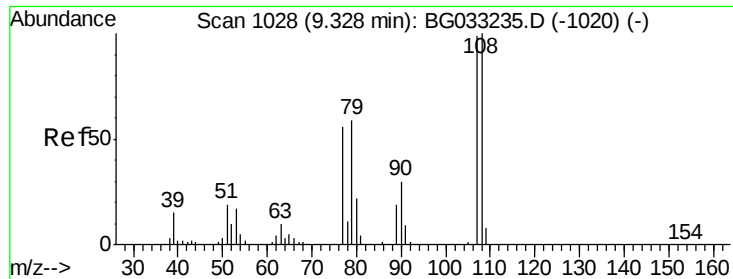
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.212 ng
RT: 9.37 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion:	45	Resp:	178272
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	30.2
79	17.0	0.0	27.9





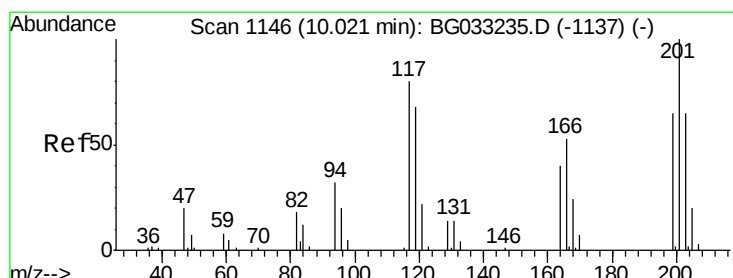
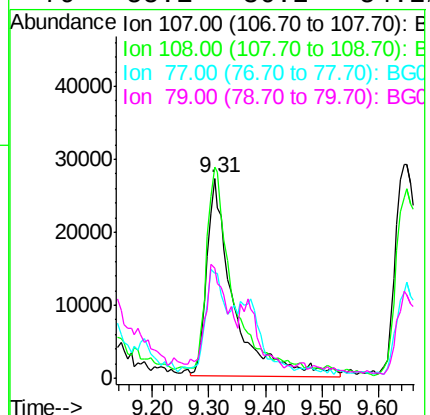
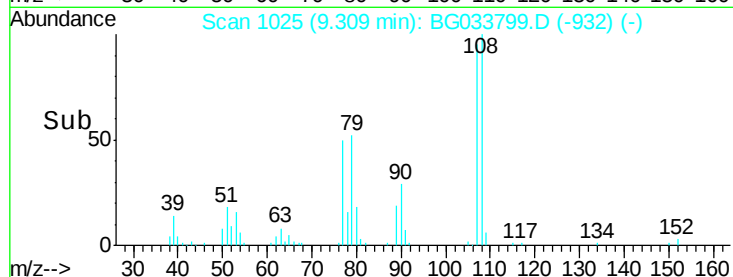
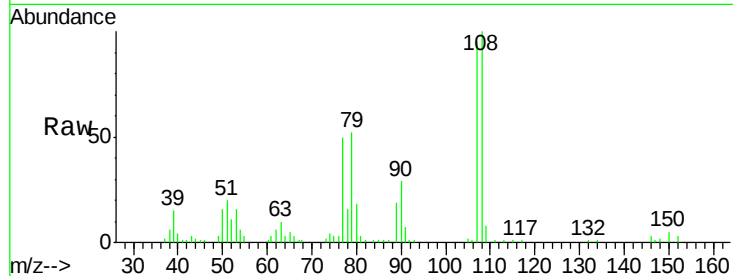
#17
2-Methylphenol
Concen: 51.115 ng/ml
RT: 9.31 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion:	107	Resp:	89350
Ion	Ratio	Lower	Upper
107	100		
108	105.6	83.9	125.9
77	52.5	37.2	55.8
79	55.1	36.2	54.2

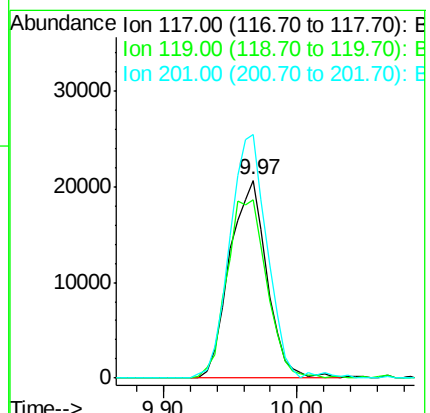
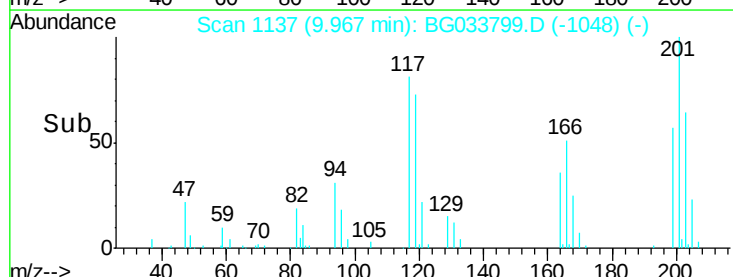
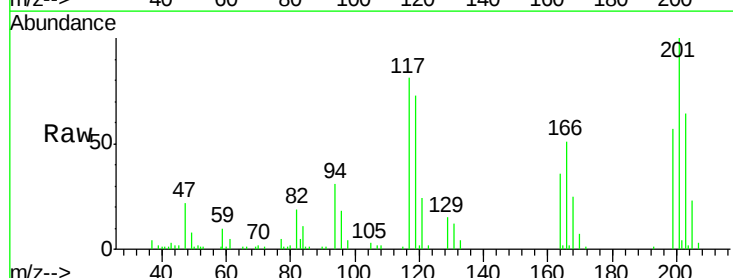
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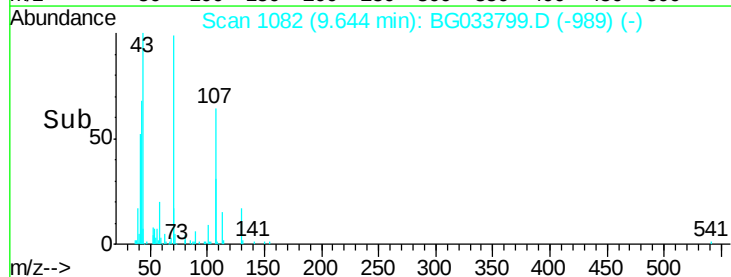
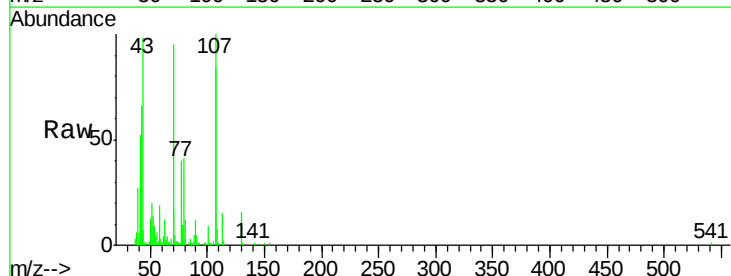
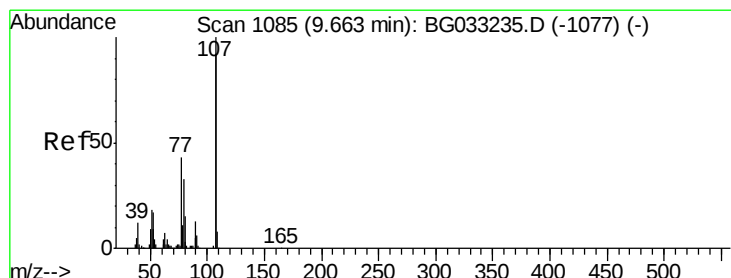
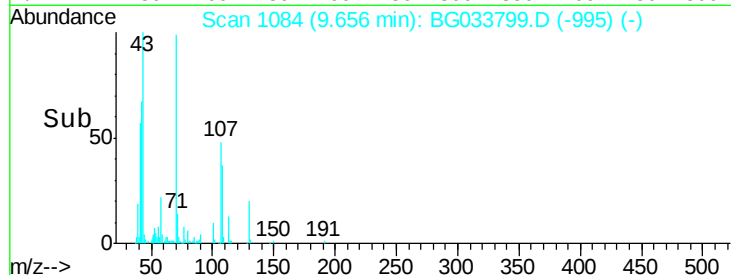
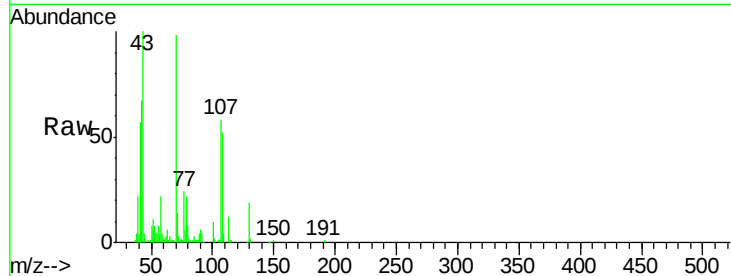
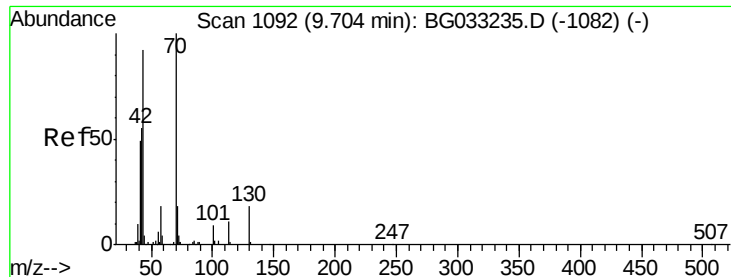
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#18
Hexachloroethane
Concen: 45.829 ng/ml
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

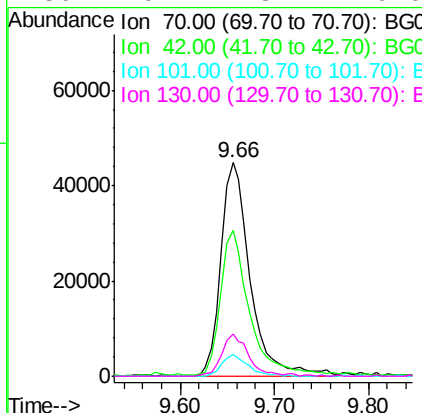
Tgt Ion:	117	Resp:	40048
Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.7	115.1
201	123.2	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 51.154 ng
RT: 9.66 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.5	49.1	73.7		
101	10.1	8.5	12.7		
130	19.7	13.4	20.0		



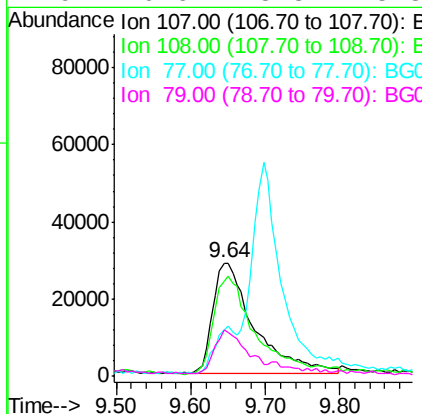
Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

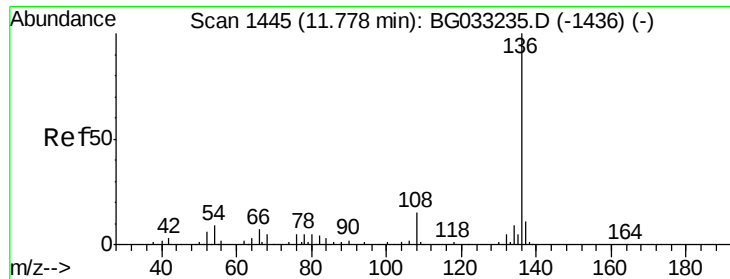
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#20
3+4-Methylphenols
Concen: 45.058 ng
RT: 9.64 min Scan# 1082
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.3	61.6	101.6		
77	40.4	13.9	53.9		
79	40.6	8.8	48.8		





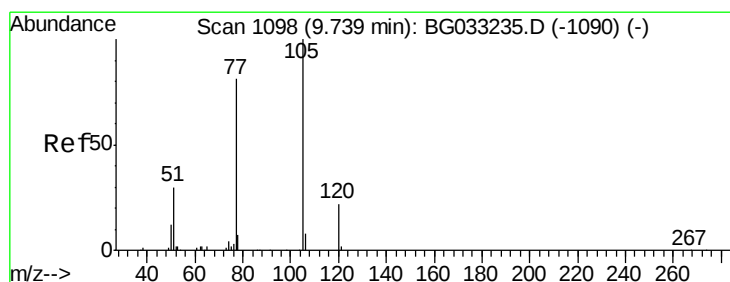
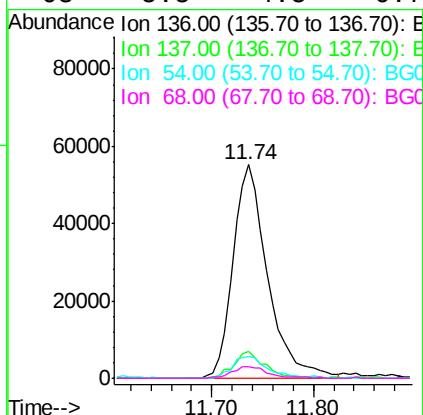
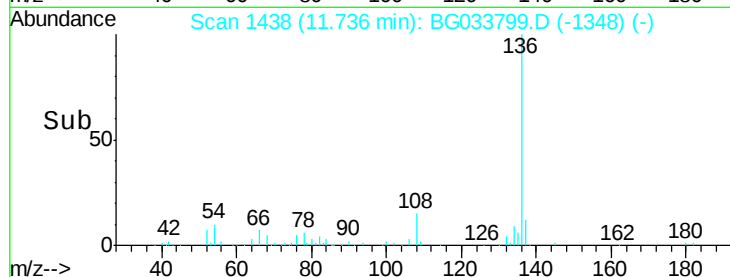
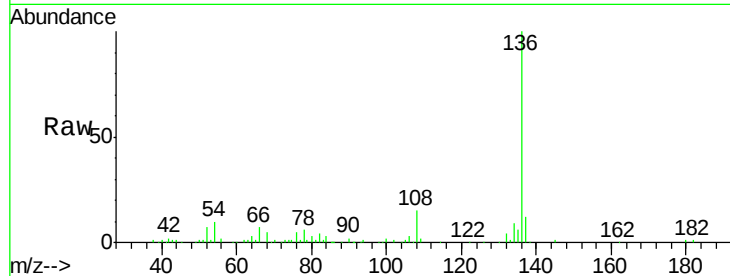
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.5	9.2	13.8		
54	10.3	10.3	15.5		
68	5.5	4.5	6.7		

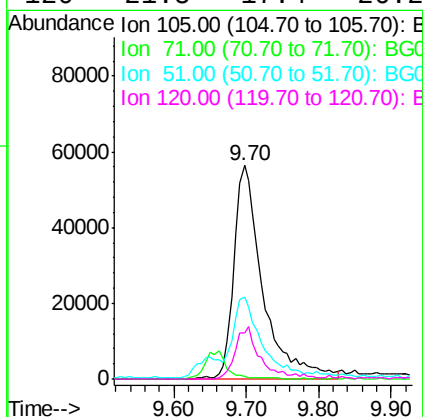
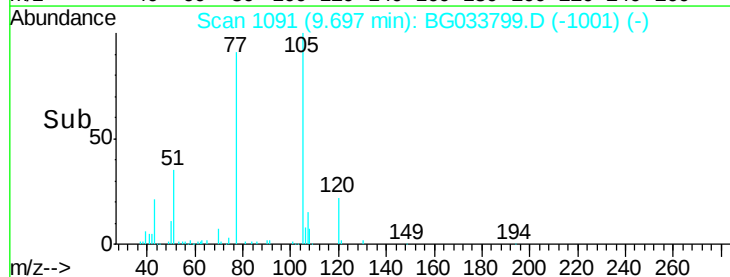
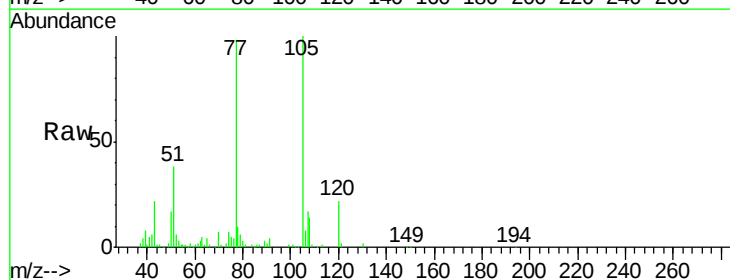
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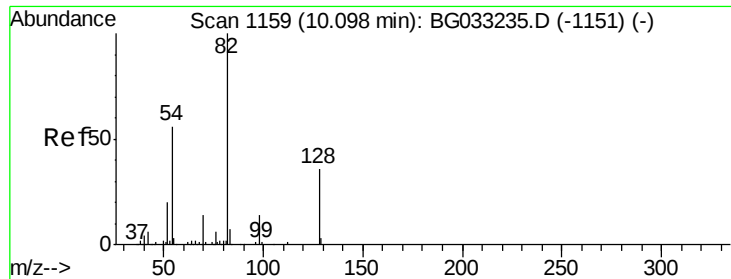
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#22
Acetophenone
Concen: 43.770 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.4	3.0	4.4		
51	38.2	26.1	39.1		
120	21.5	17.4	26.2		





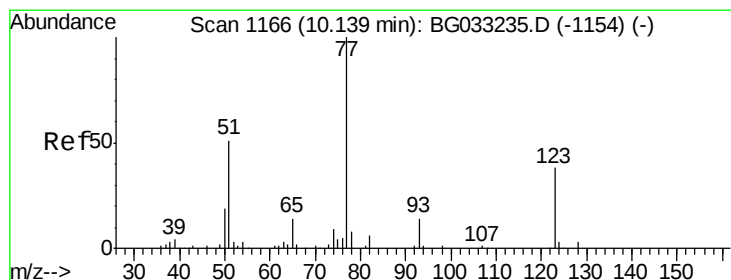
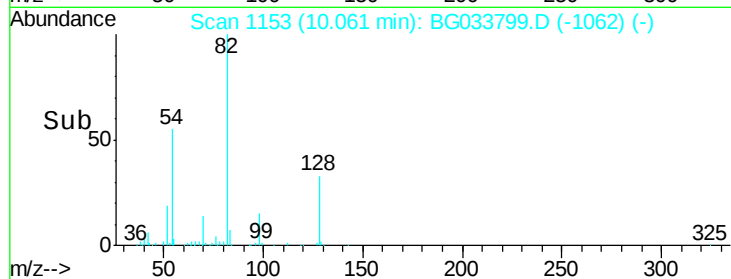
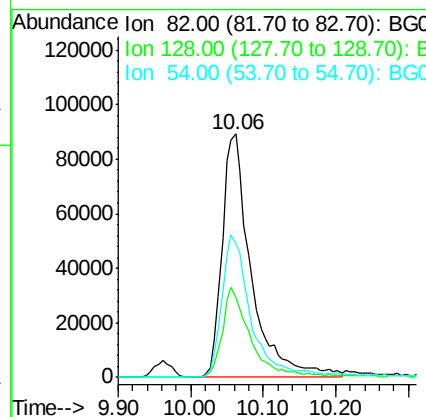
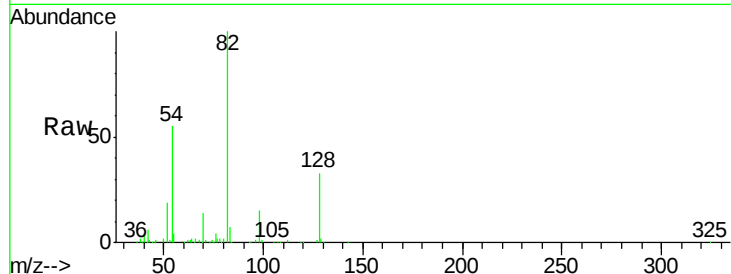
#23
 Nitrobenzene-d5
 Concen: 88.106 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.8	29.7	44.5	
54	55.0	43.1	64.7	

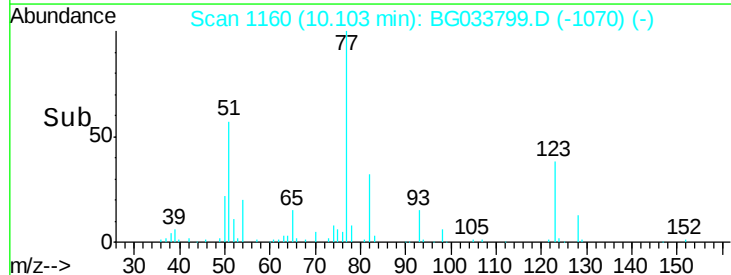
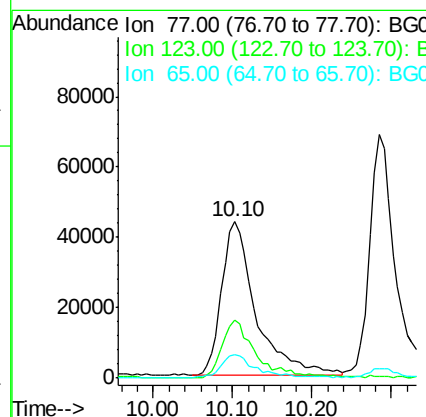
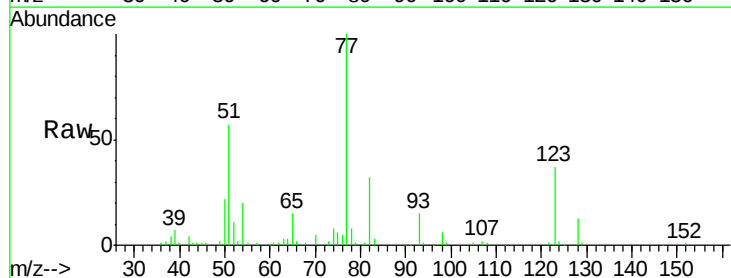
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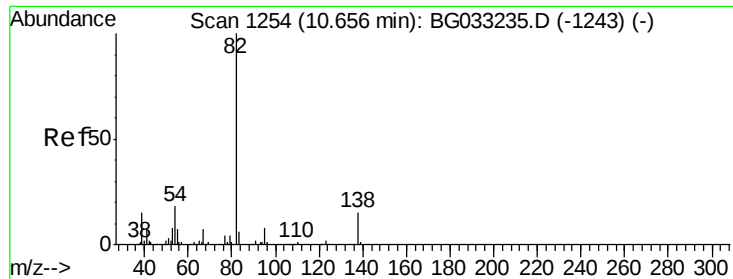
Sohil
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#24
 Nitrobenzene
 Concen: 43.447 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.9	33.0	49.6	
65	15.1	13.0	19.6	





#25

Isophorone

Concen: 44.937 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

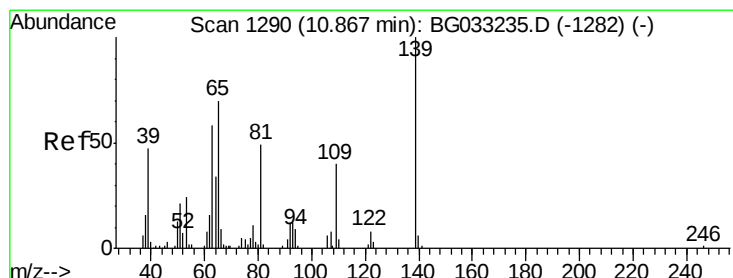
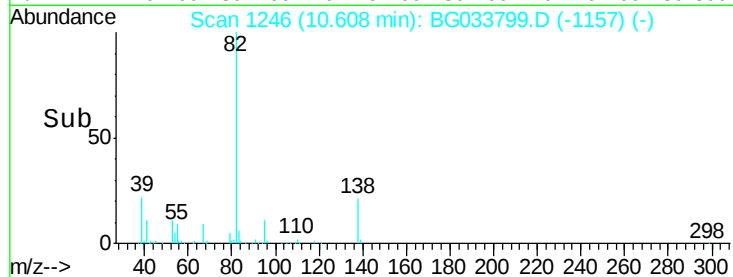
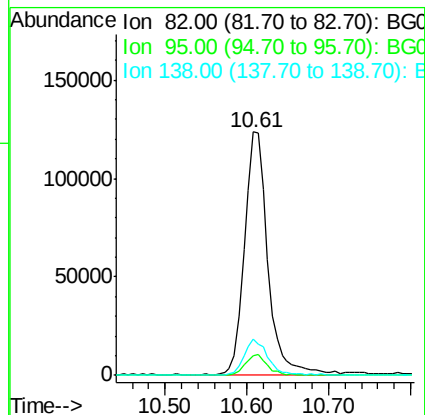
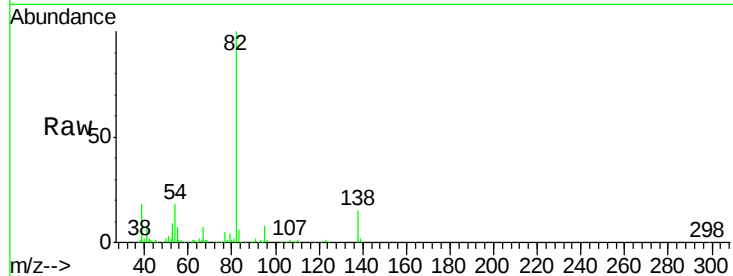
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	82	Resp:	247609
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	15.0	12.1	18.1

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#26

2-Nitrophenol

Concen: 46.374 ng

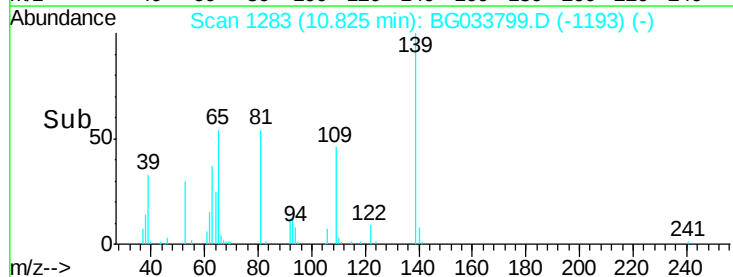
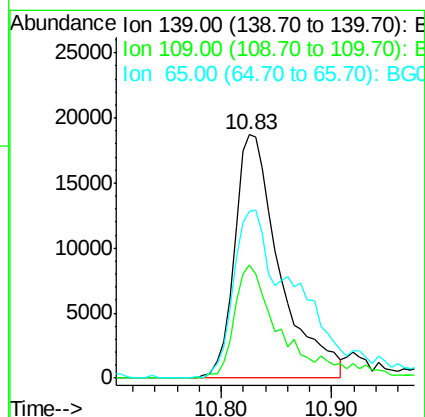
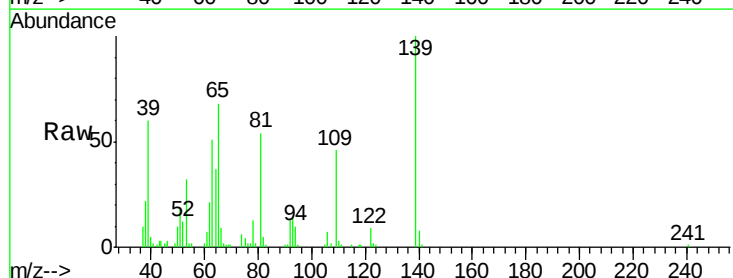
RT: 10.83 min Scan# 1283

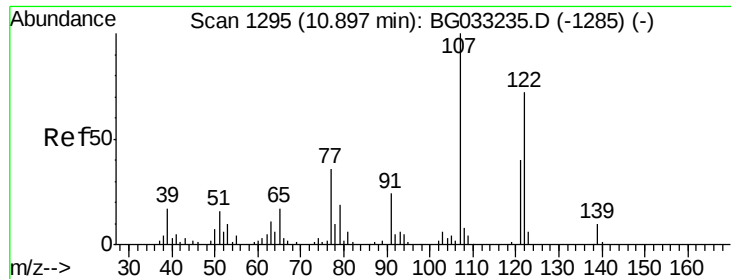
Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	139	Resp:	53352
Ion Ratio	Lower	Upper	
139	100		
109	46.3	24.2	36.2#
65	68.3	47.4	71.0





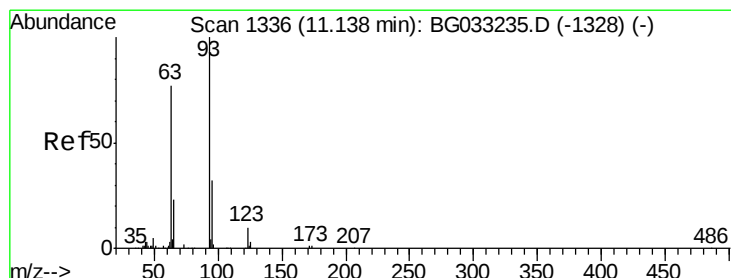
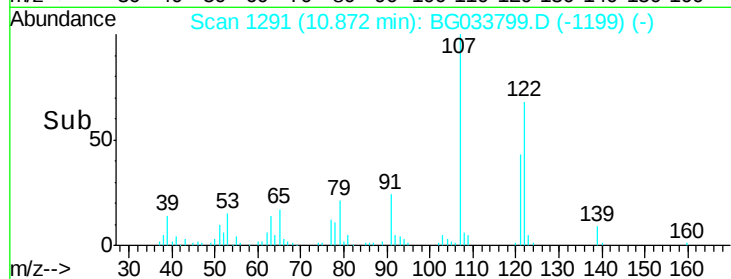
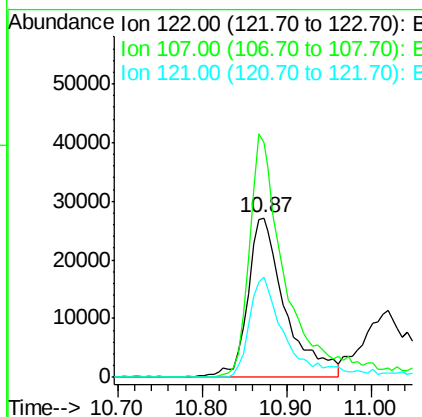
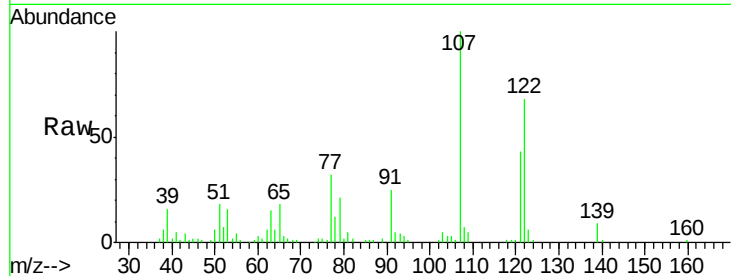
#27
2,4-Dimethylphenol
Concen: 50.272 ng
RT: 10.87 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	147.2	100.2	150.2		
121	63.1	44.4	66.6		

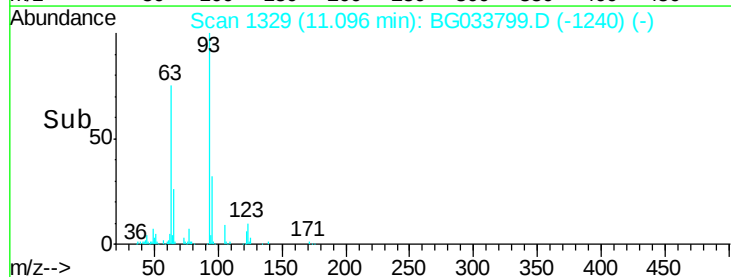
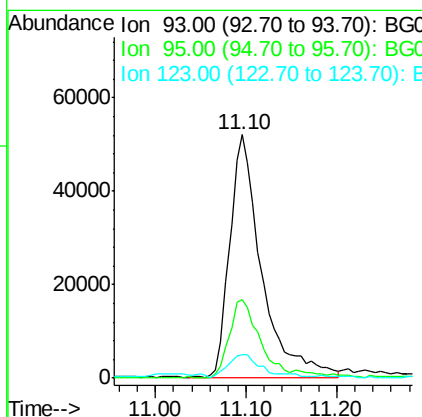
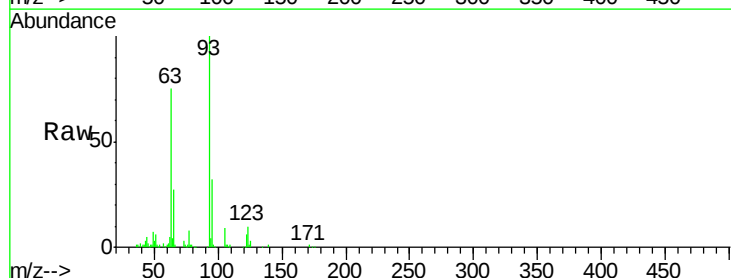
Manual Integrations
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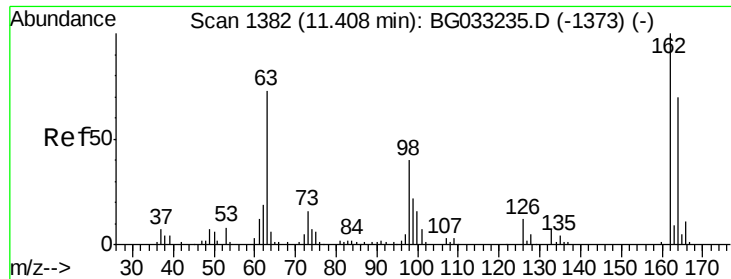
Sohil
4/16/2018 3:14:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.625 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	24.3	36.5		
123	9.8	8.4	12.6		





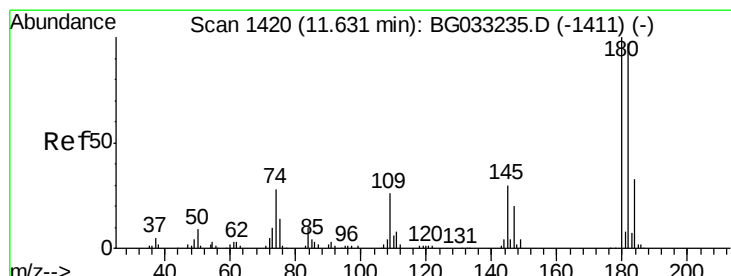
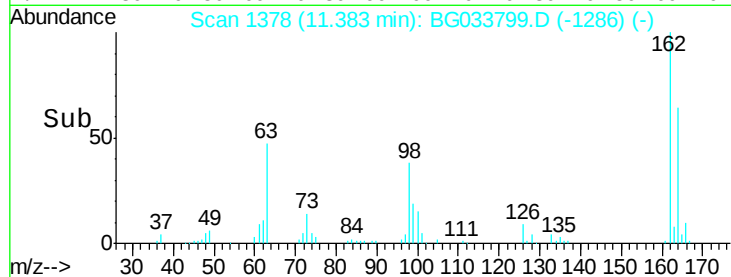
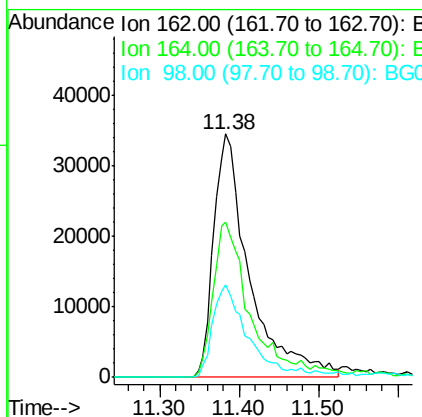
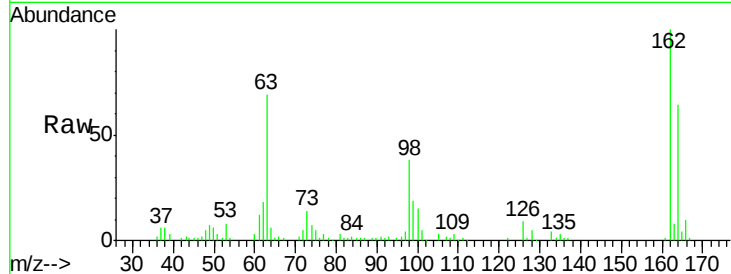
#29
 2,4-Dichlorophenol
 Concen: 52.502 ng
 RT: 11.38 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	107911		
164	63.9	48.0	88.0	
98	37.9	21.1	61.1	

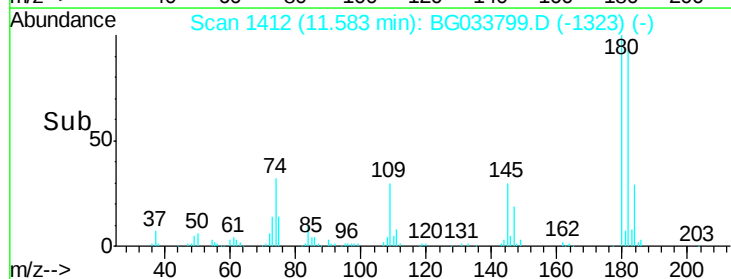
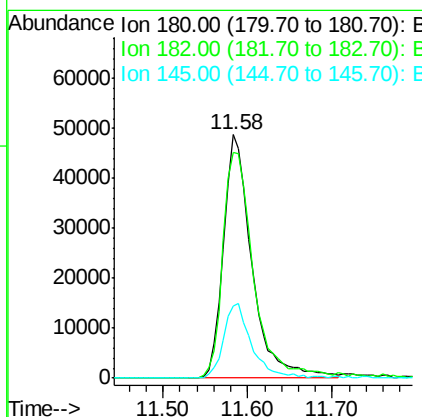
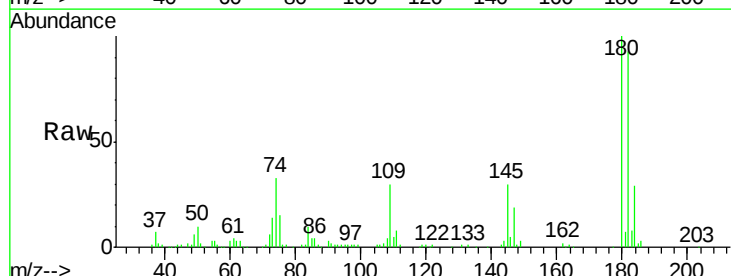
Manual Integrations
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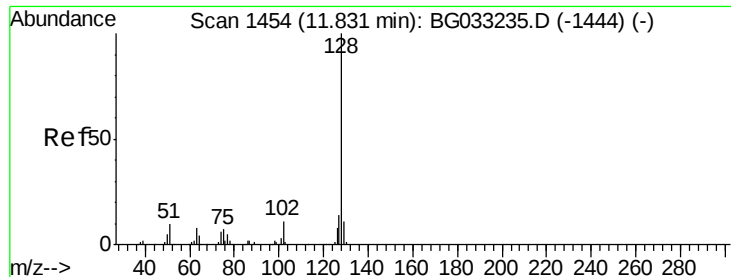
Sohil
 4/16/2018 3:14:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.598 ng
 RT: 11.58 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113755		
182	92.9	77.5	116.3	
145	29.7	23.4	35.2	





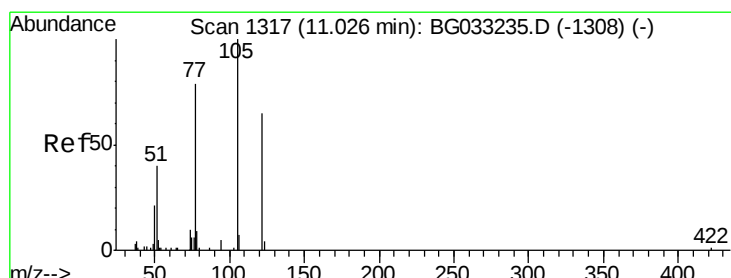
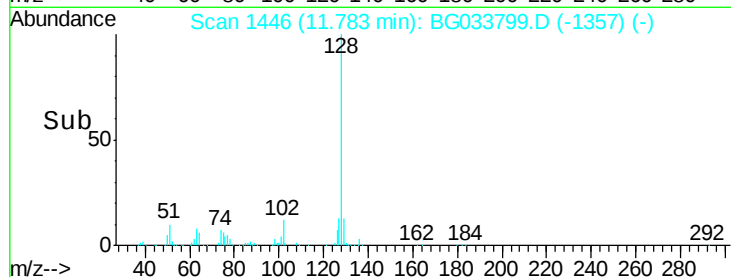
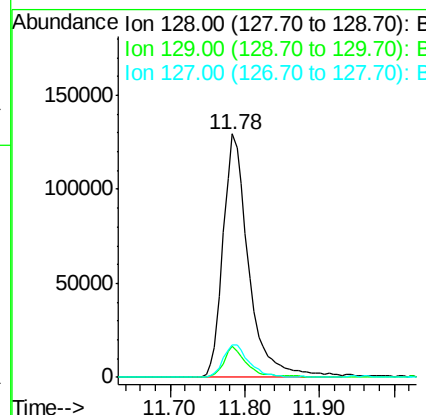
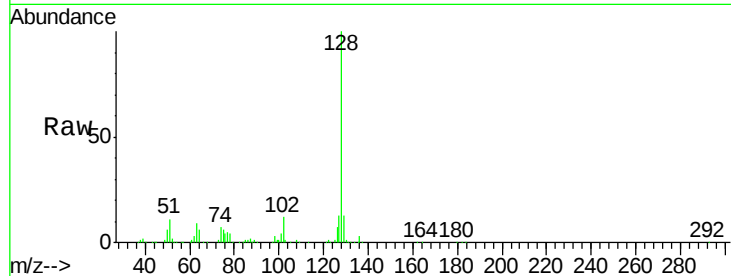
#31
Naphthalene
Concen: 45.883 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.6	12.8
127	13.4	11.6	17.4

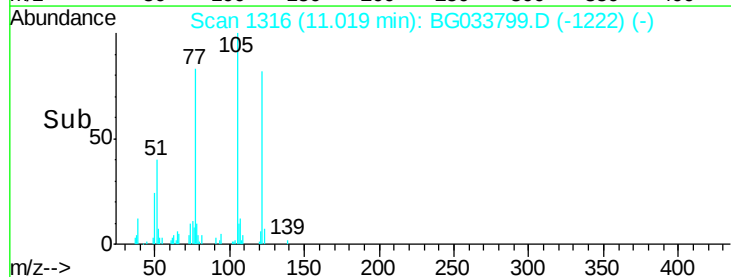
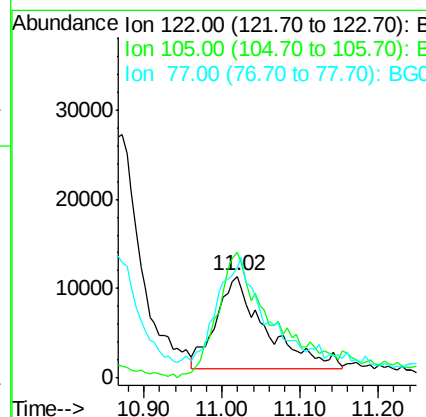
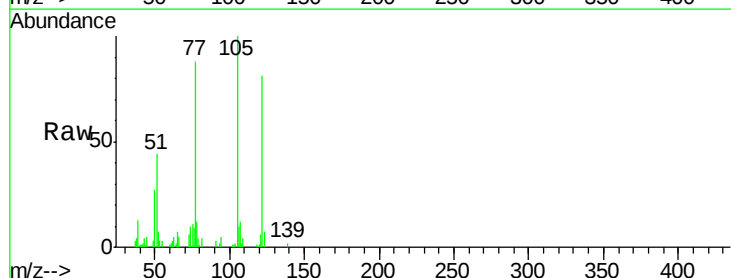
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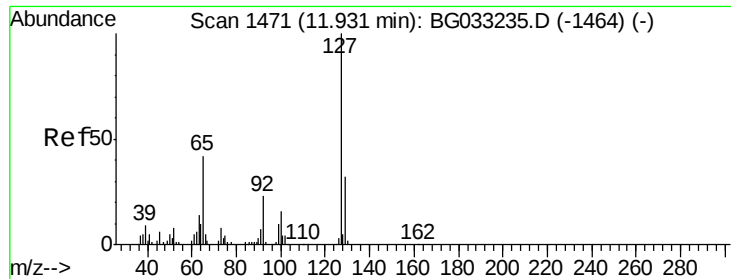
Sohil
4/16/2018 3:14:18 PM



#32
Benzoic acid
Concen: 29.310 ng m
RT: 11.02 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	123.5	163.5#
77	109.2	85.7	125.7





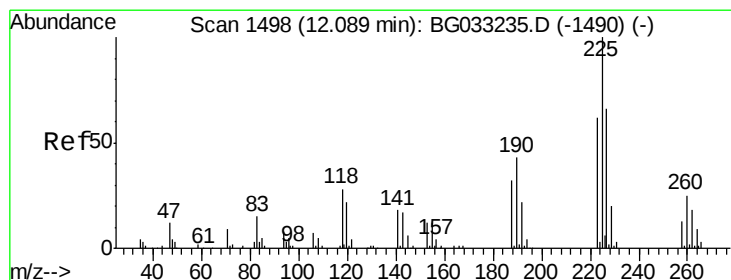
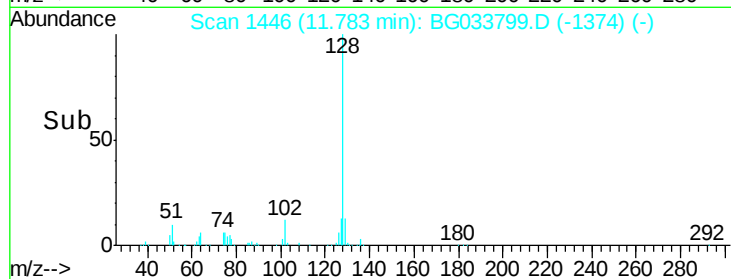
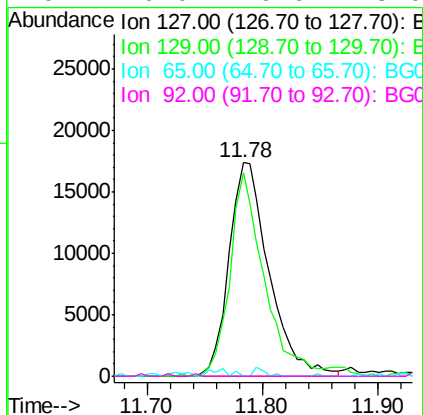
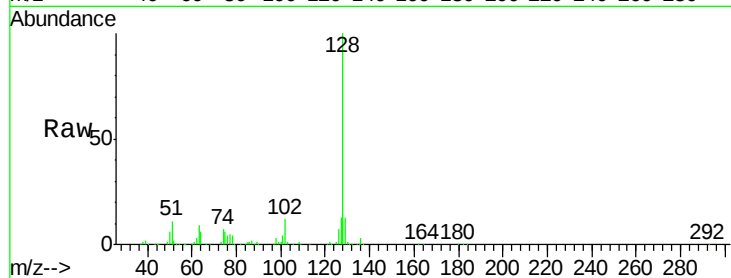
#33
4-Chloroaniline
Concen: 13.743 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.11 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	95.5	24.0	36.0#		
65	0.0	27.0	40.4#		
92	0.0	16.6	25.0#		

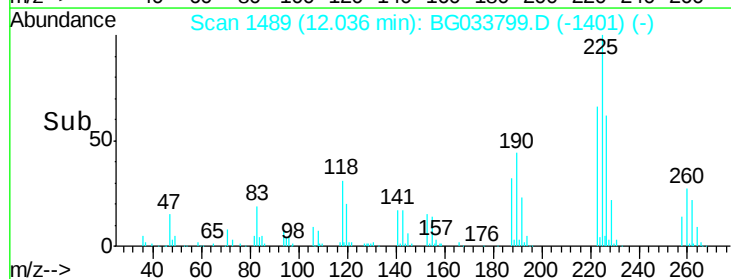
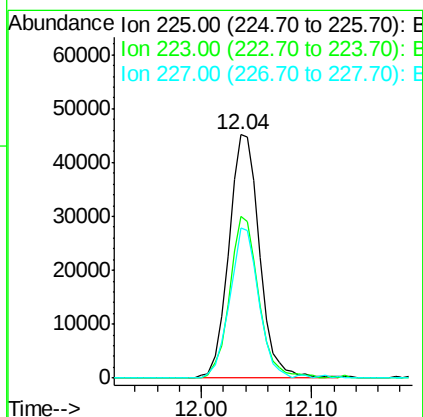
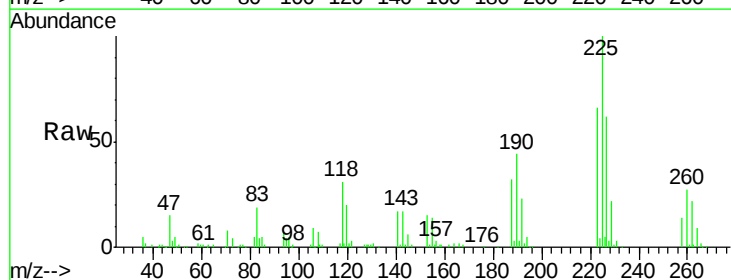
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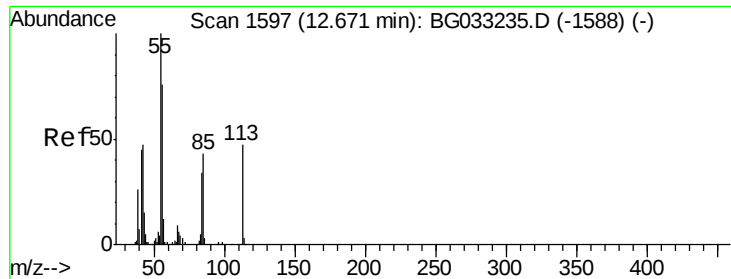
Sohil
4/16/2018 3:14:18 PM



#34
Hexachlorobutadiene
Concen: 43.534 ng
RT: 12.04 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.2	49.7	74.5		
227	61.8	48.1	72.1		





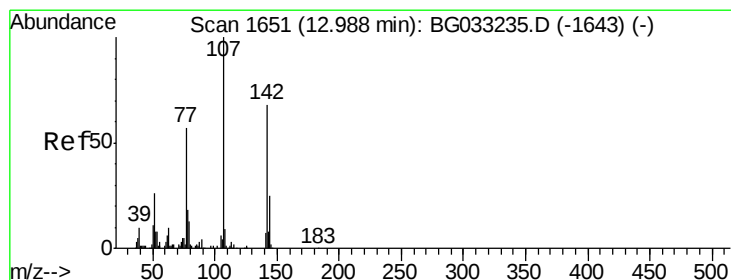
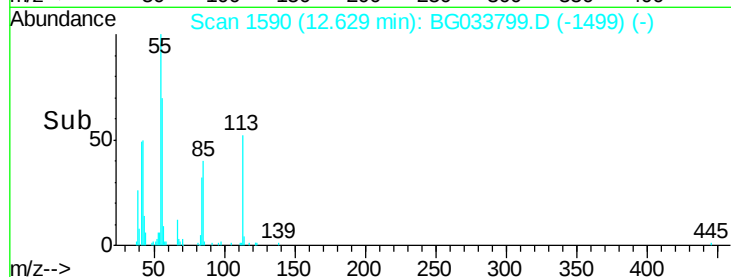
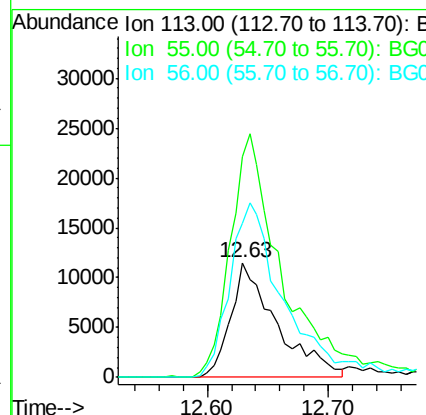
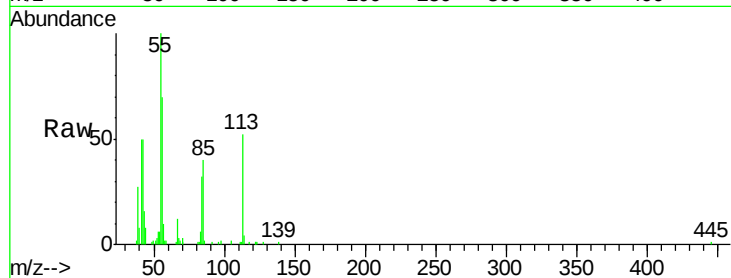
#35
Caprolactam
Concen: 37.730 ng
RT: 12.63 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.0	186.9	226.9
56	133.9	130.9	170.9

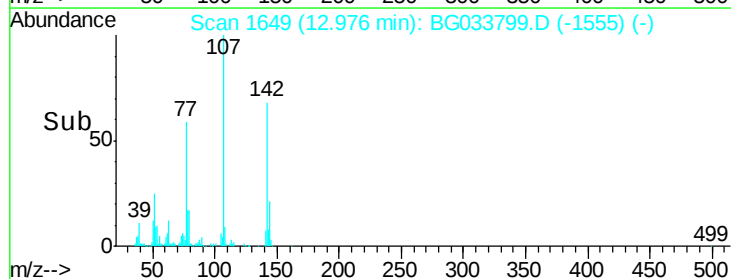
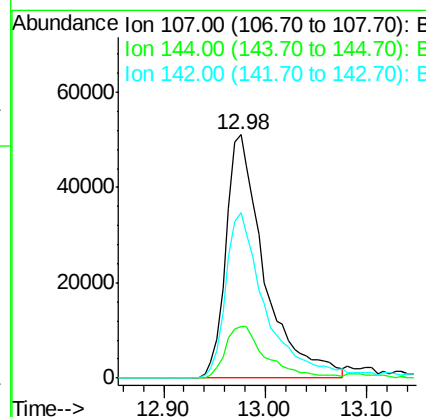
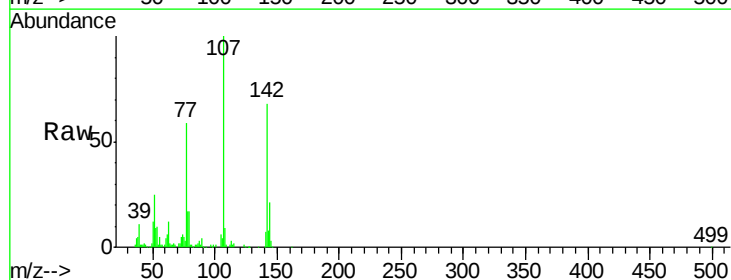
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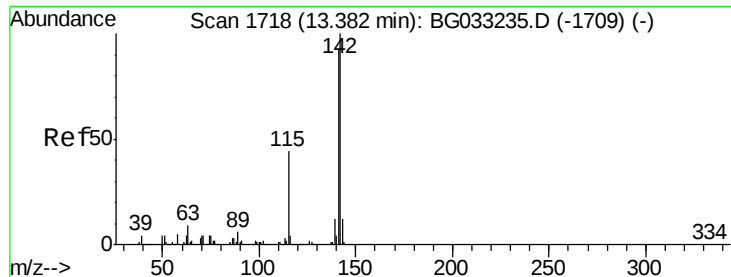
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 50.204 ng
RT: 12.98 min Scan# 1649
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	18.2	27.4
142	67.9	59.0	88.4





#37

2-Methylnaphthalene

Concen: 43.171 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

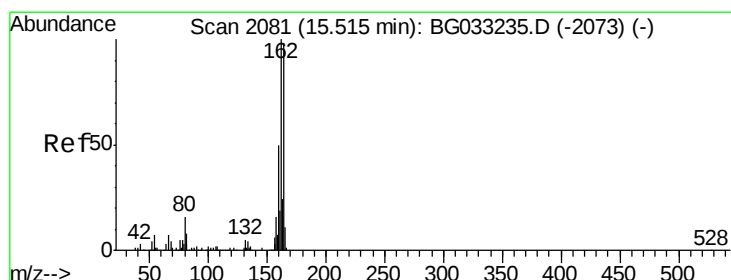
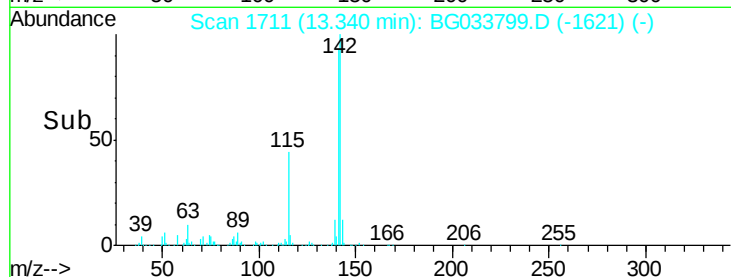
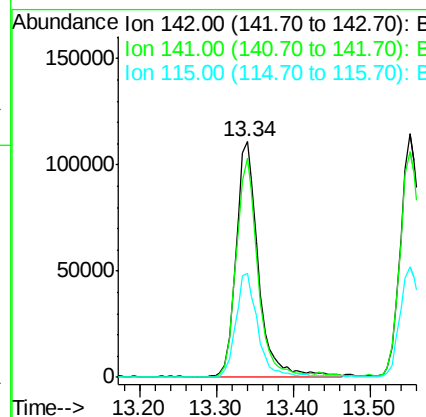
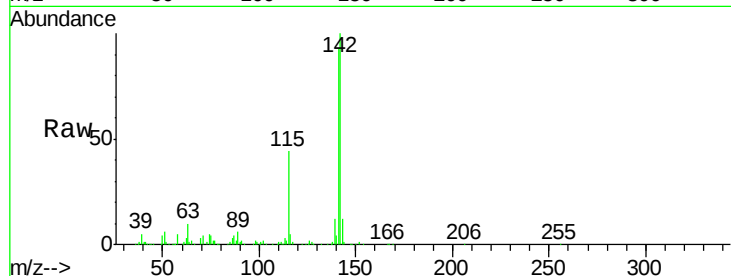
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	142	Resp:	226490
Ion Ratio	Lower	Upper	
142	100		
141	93.1	67.1	100.7
115	44.4	30.7	46.1

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4/16/2018 3:14:18 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

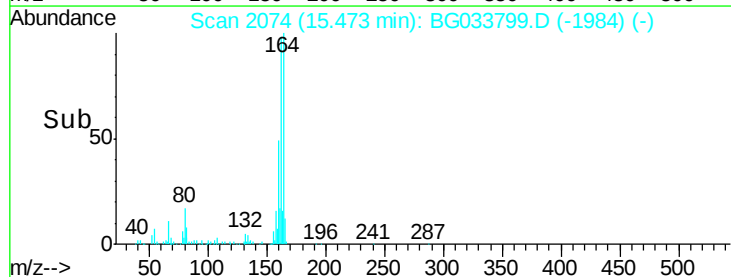
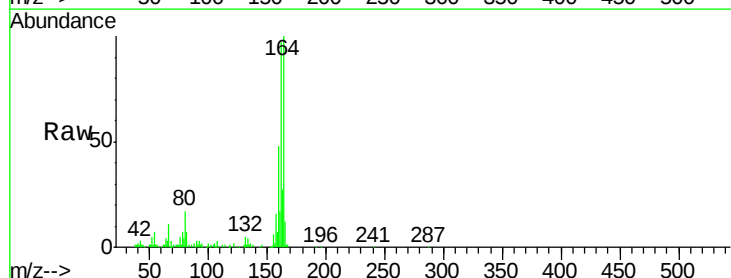
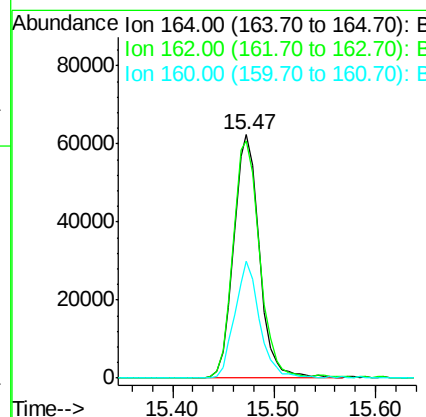
RT: 15.47 min Scan# 2074

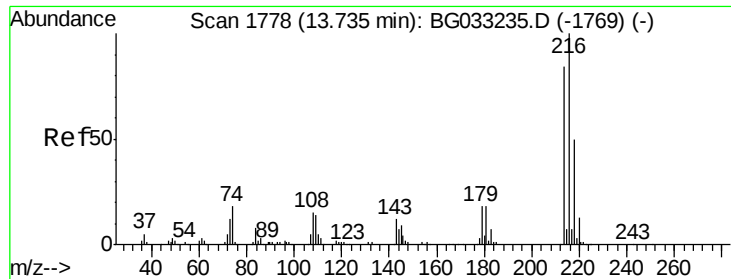
Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	164	Resp:	109554
Ion Ratio	Lower	Upper	
164	100		
162	97.5	78.8	118.2
160	48.2	35.4	53.0





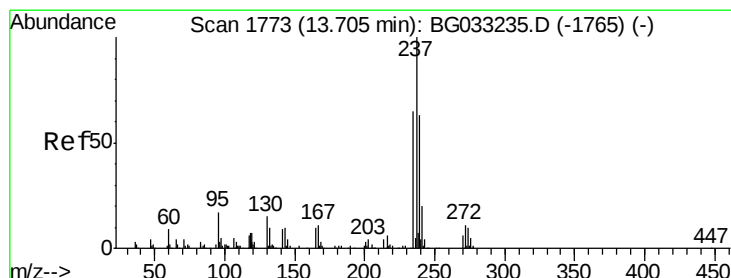
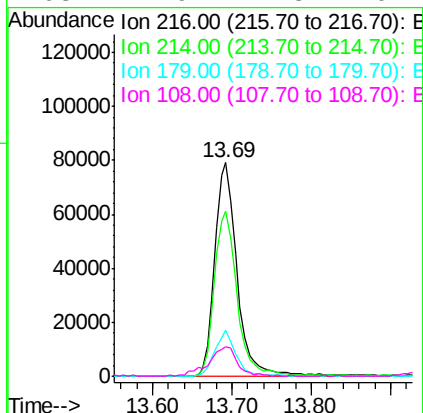
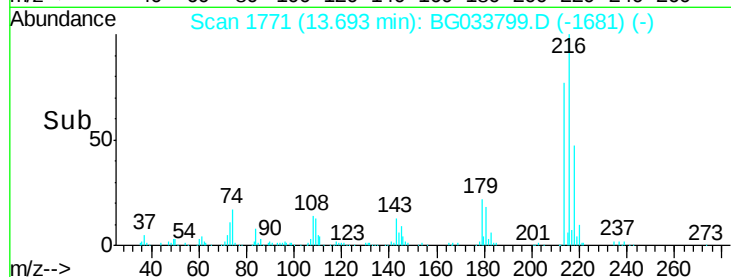
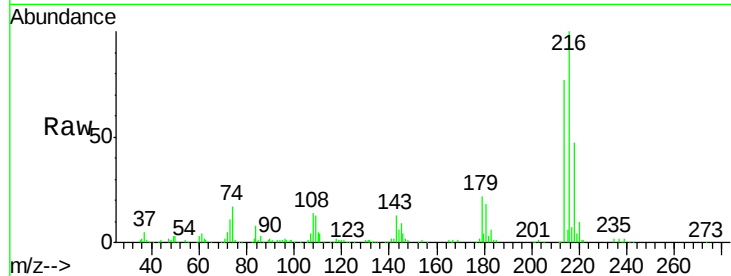
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.971 ng
 RT: 13.69 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.9	63.0	94.4		
179	20.0	17.0	25.6		
108	17.9	12.8	19.2		

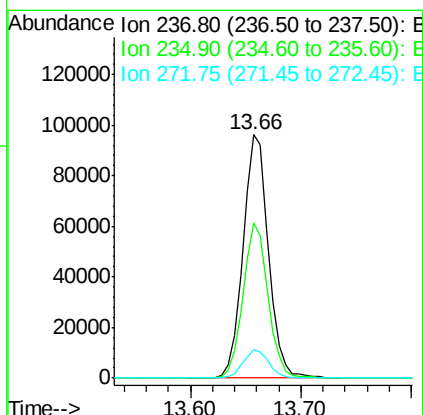
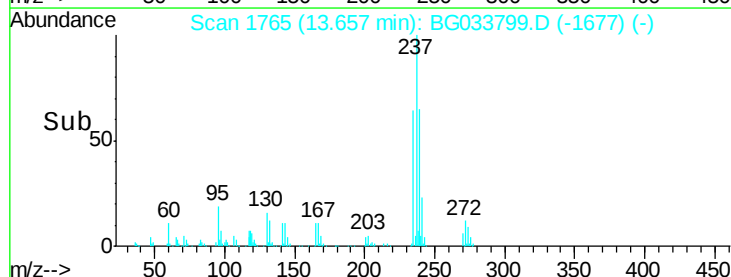
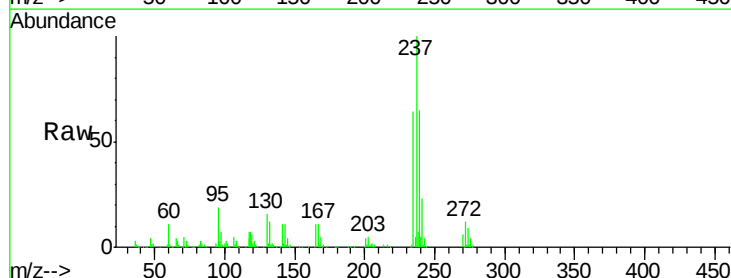
Manual Integrations
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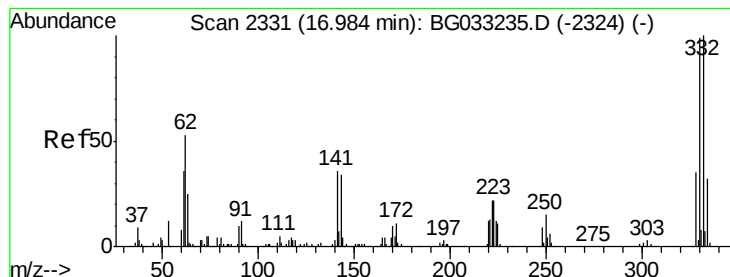
Sohil
 4/16/2018 3:14:18 PM



#40
 Hexachlorocyclopentadiene
 Concen: 66.582 ng
 RT: 13.66 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.8	50.4	90.4		
272	11.6	0.0	31.8		





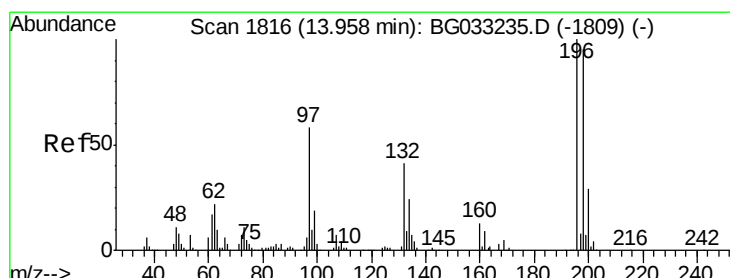
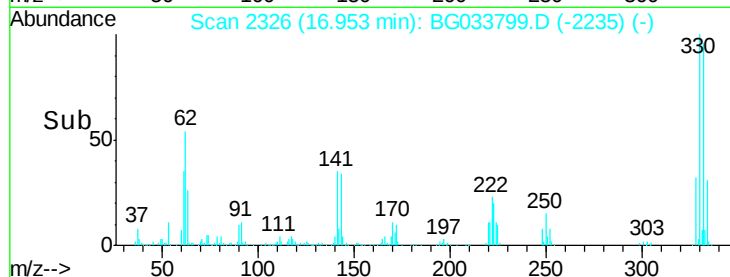
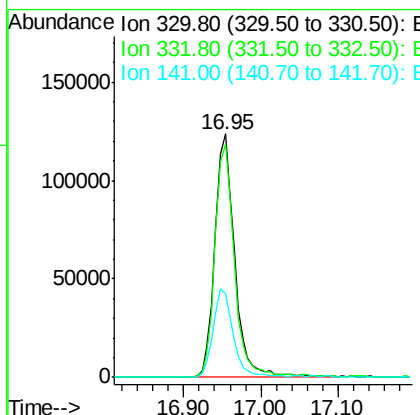
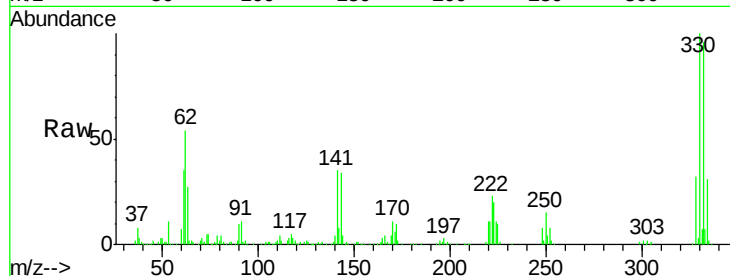
#41
 2,4,6-Tribromophenol
 Concen: 134.410 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220231		
332	93.7	77.0	115.6	
141	36.4	25.2	37.8	

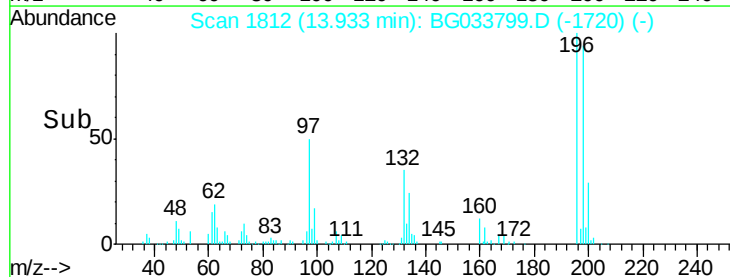
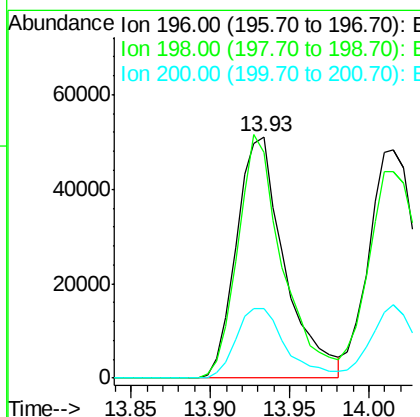
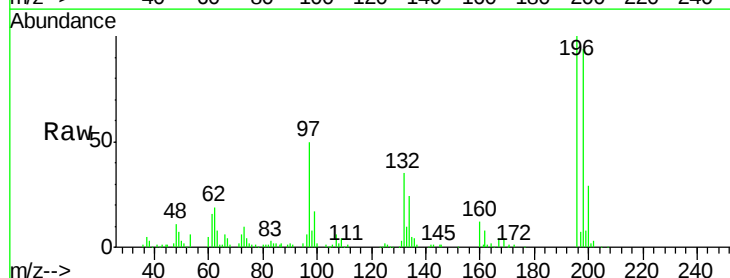
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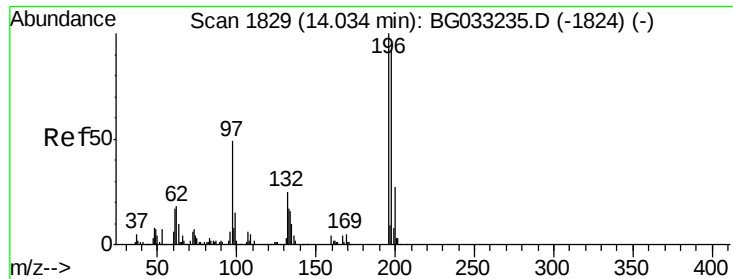
Sohil
 4/16/2018 3:14:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.651 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107560		
198	93.7	78.2	117.2	
200	28.8	24.6	36.8	





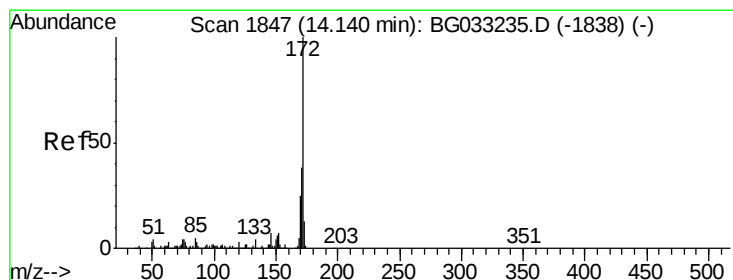
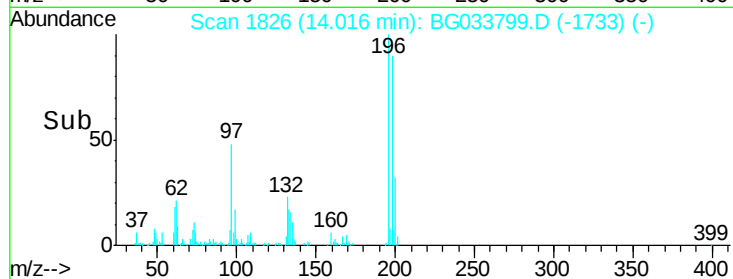
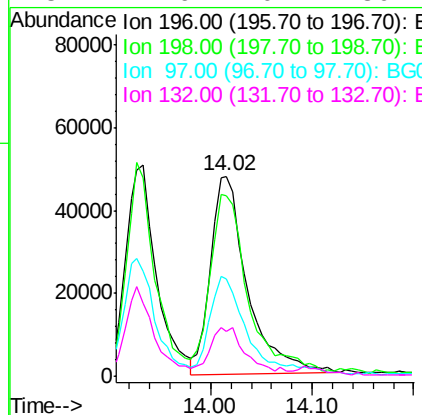
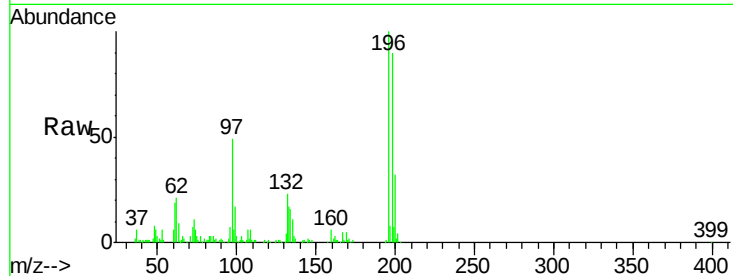
#43
2,4,5-Trichlorophenol
Concen: 44.372 ng
RT: 14.02 min Scan# 1826
Delta R.T. 0.02 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		120923		
198	90.3	76.2	114.4		
97	48.7	38.7	58.1		
132	22.6	20.2	30.2		

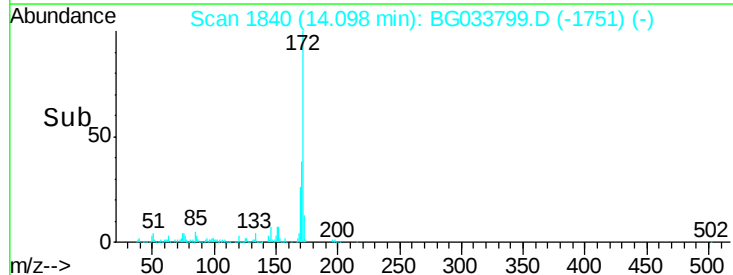
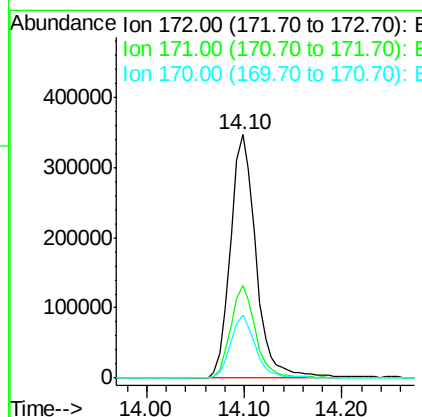
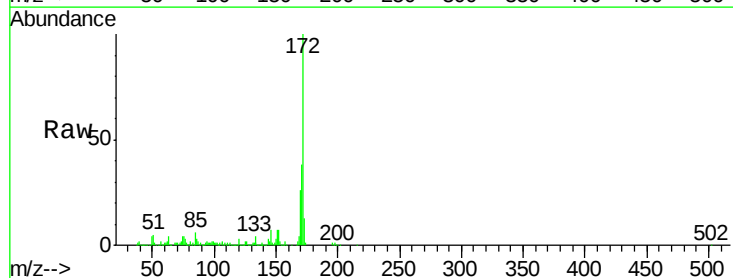
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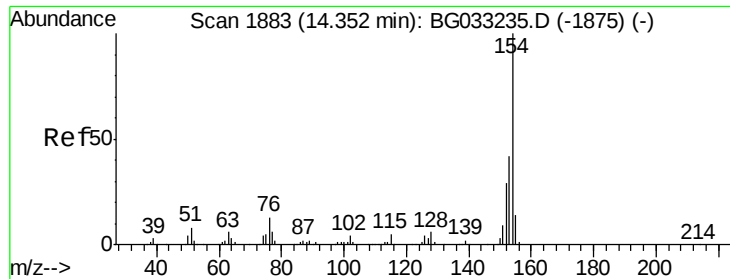
Sohil
4/16/2018 3:14:18 PM



#44
2-Fluorobiphenyl
Concen: 83.241 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		631695		
171	38.3	30.0	45.0		
170	25.7	19.5	29.3		





#45

1,1'-Biphenyl

Concen: 41.856 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

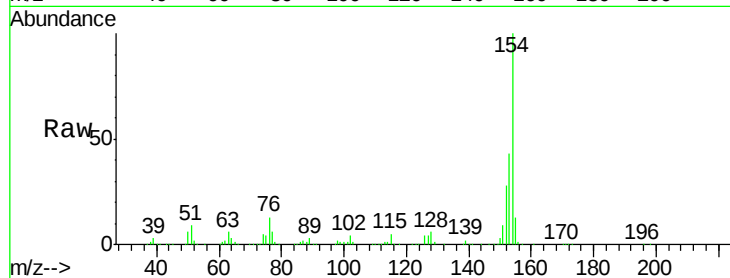
ClientSampleId :

PL-01-041118-AMS

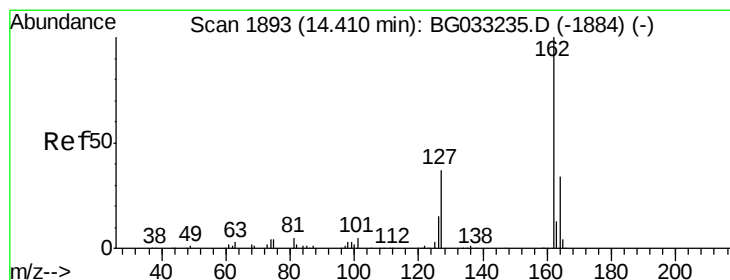
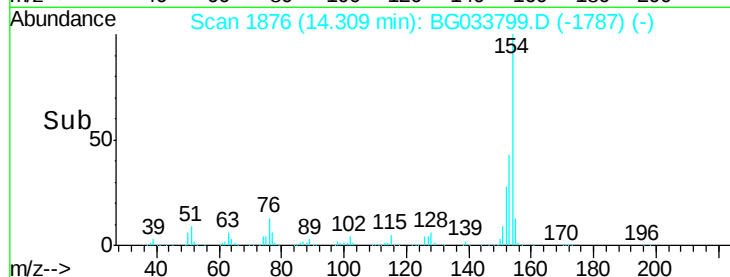
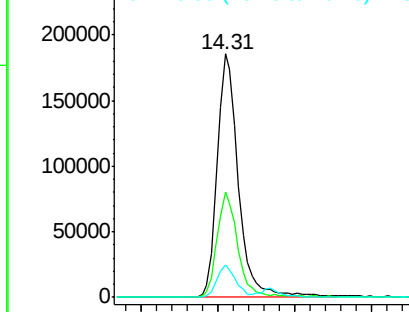
Tot Ion:	154	Resp:	352296
Ion Ratio	Lower	Upper	
154	100		
153	43.1	19.8	59.8
76	13.2	0.0	31.9

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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): BGC



#46

2-Chloronaphthalene

Concen: 42.371 ng

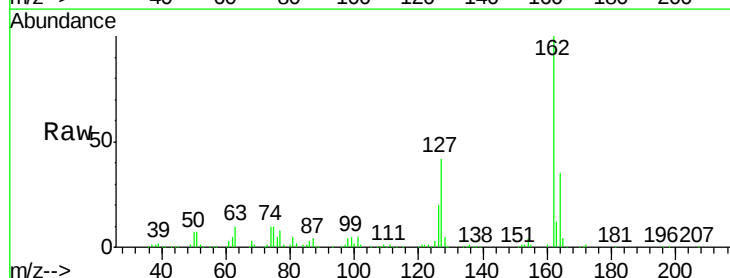
RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

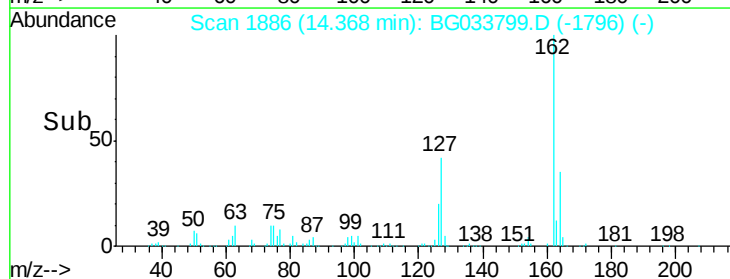
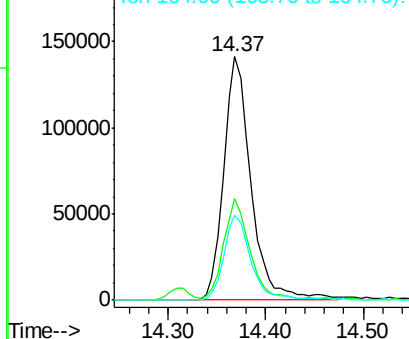
Lab File: BG033799.D

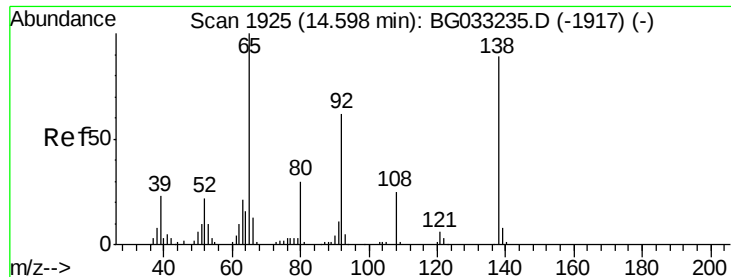
Acq: 13 Apr 2018 16:49

Tgt Ion:	162	Resp:	274980
Ion Ratio	Lower	Upper	
162	100		
127	41.8	30.7	46.1
164	34.7	26.0	39.0



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





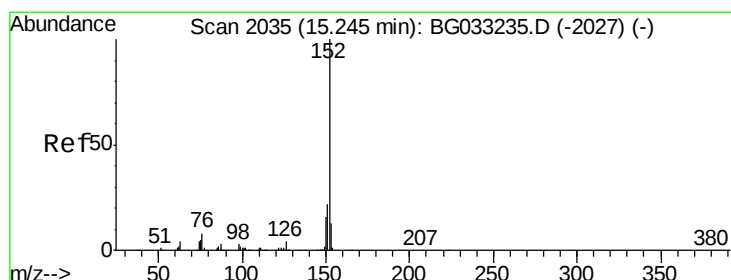
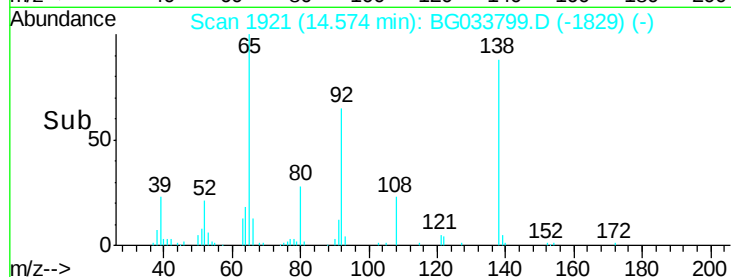
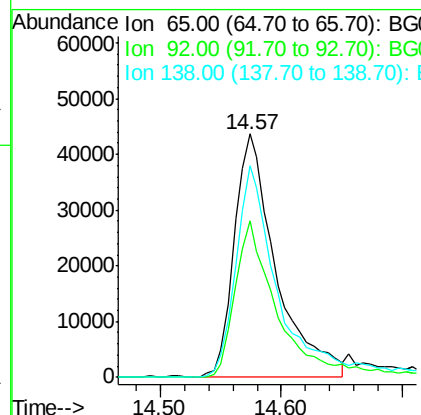
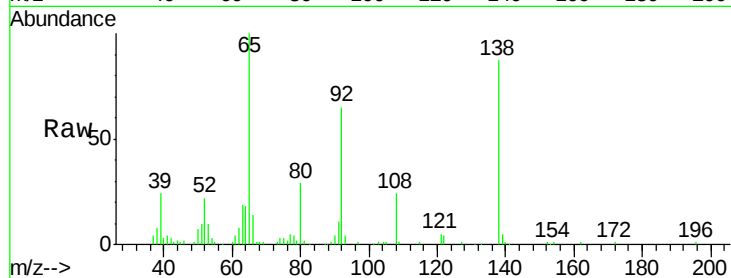
#47
2-Nitroaniline
Concen: 43.154 ng
RT: 14.57 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	54.6	82.0
138	87.0	72.9	109.3

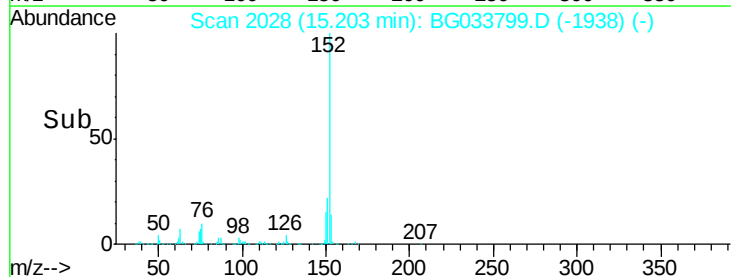
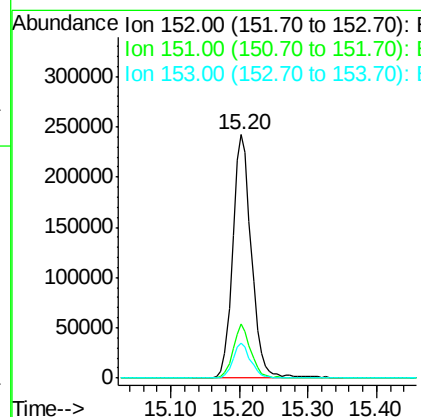
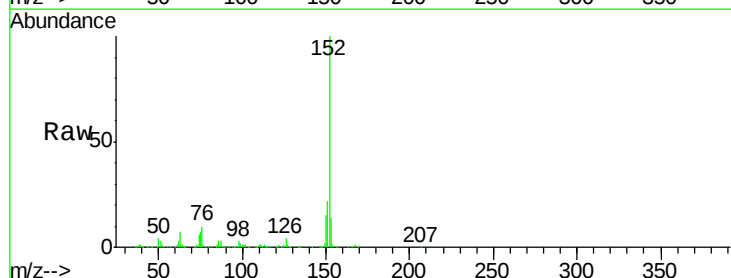
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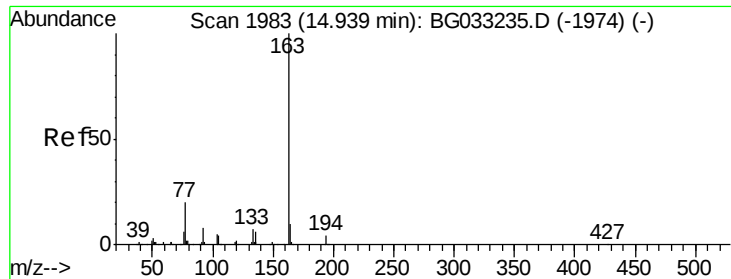
Sohil
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#48
Acenaphthylene
Concen: 42.446 ng
RT: 15.20 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	14.2	10.2	15.4





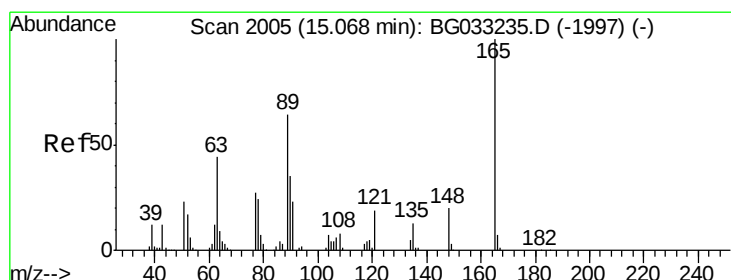
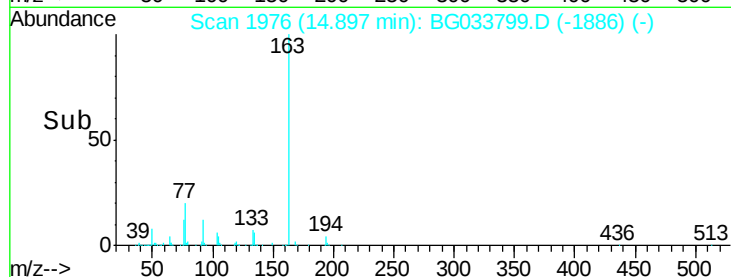
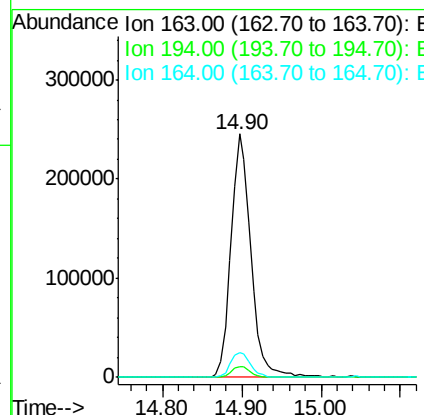
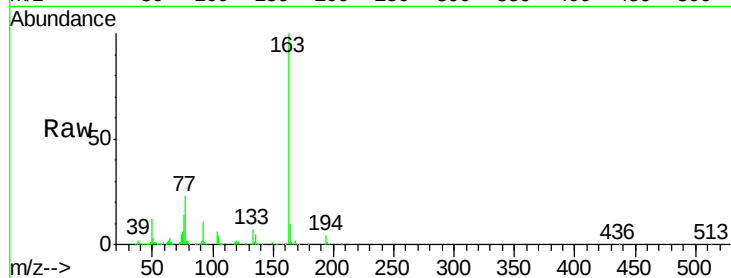
#49
Dimethylphthalate
Concen: 44.760 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	426751		
194	4.2		3.4	5.2
164	10.2		8.2	12.4

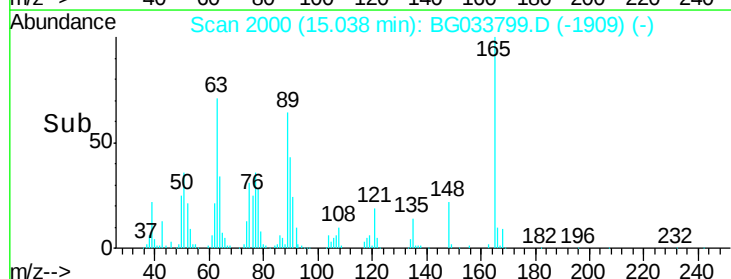
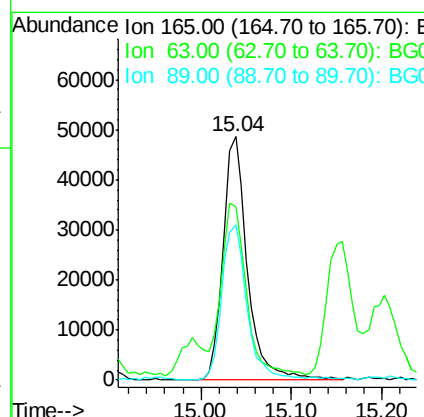
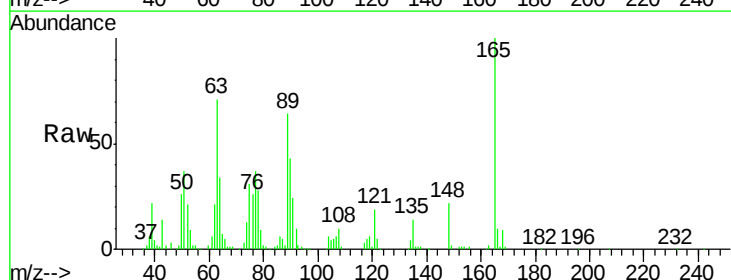
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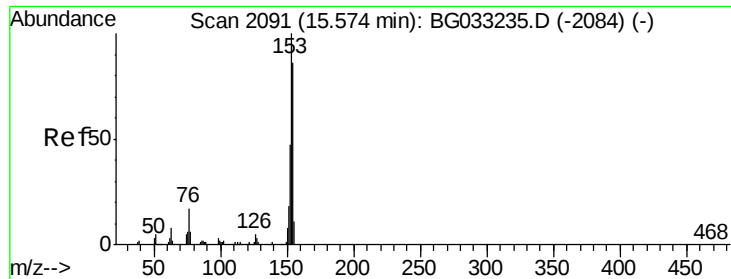
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#50
2,6-Dinitrotoluene
Concen: 46.503 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90656		
63	71.2		52.7	79.1
89	63.9		49.2	73.8





#51

Acenaphthene

Concen: 39.514 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

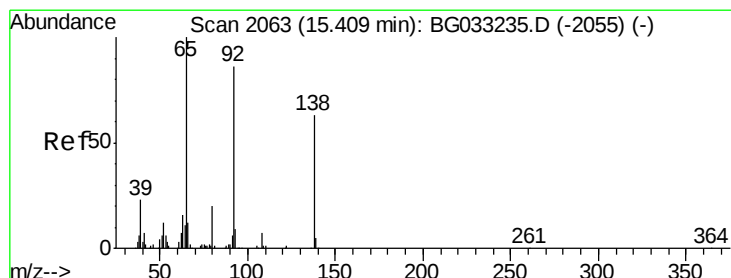
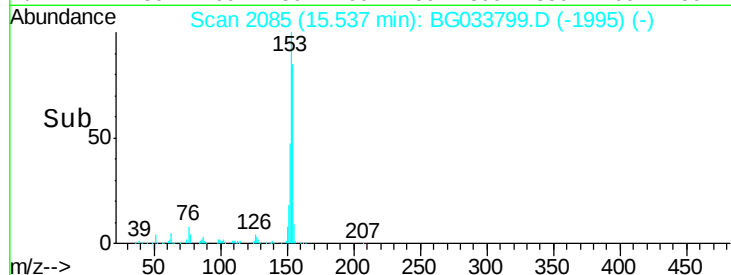
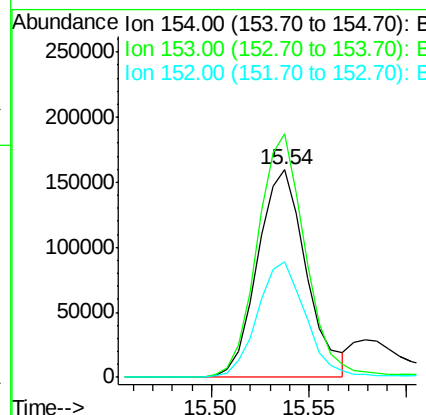
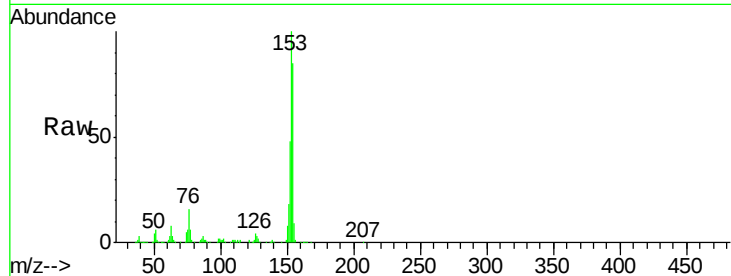
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	154	Resp:	275930
Ion Ratio	Lower	Upper	
154	100		
153	117.2	90.4	135.6
152	55.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 5.851 ng

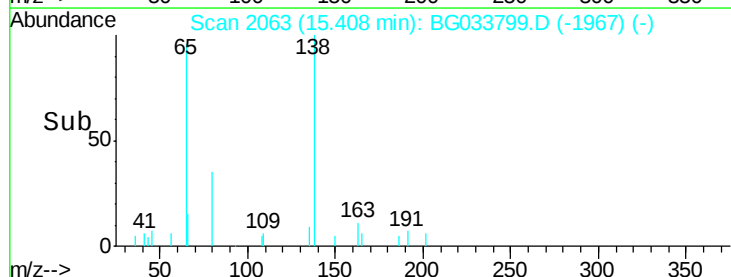
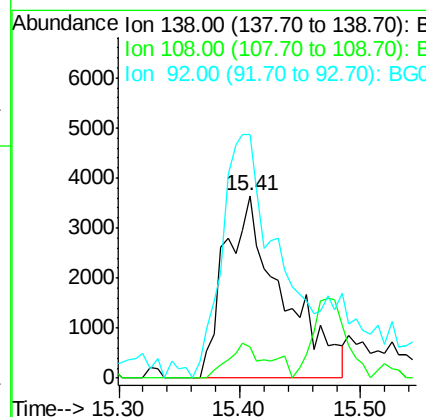
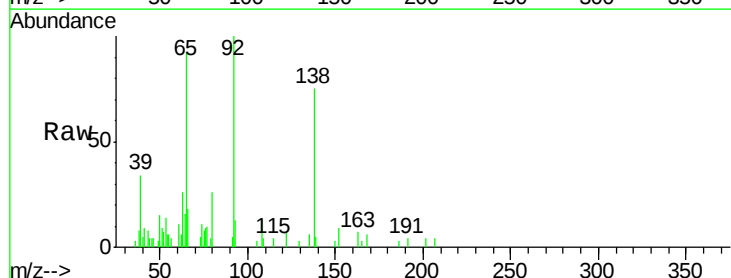
RT: 15.41 min Scan# 2063

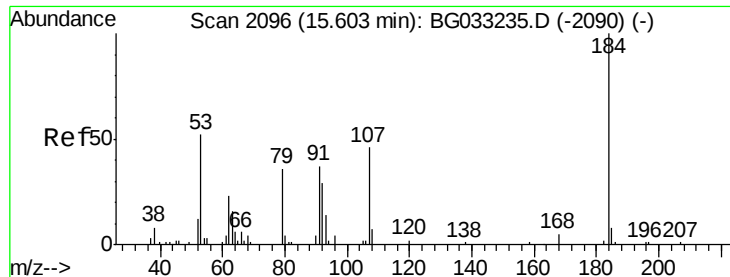
Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	138	Resp:	11958
Ion Ratio	Lower	Upper	
138	100		
108	16.7	17.5	26.3#
92	133.2	105.8	158.8





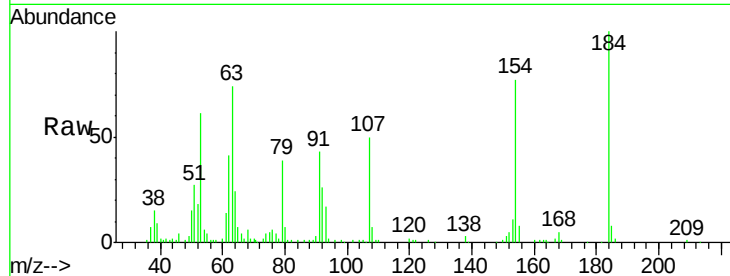
#53
 2,4-Dinitrophenol
 Concen: 86.238 ng
 RT: 15.58 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

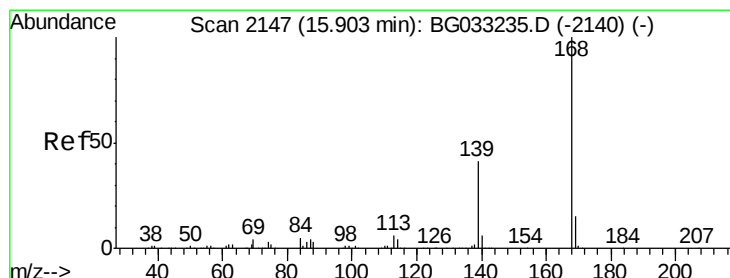
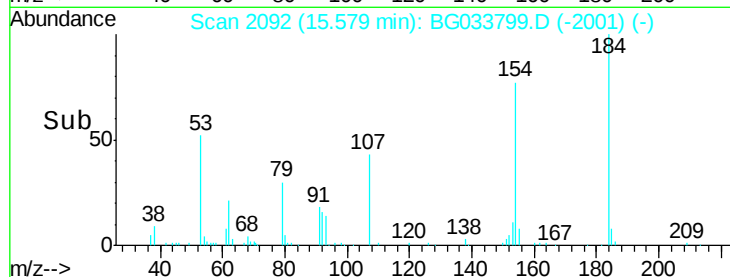
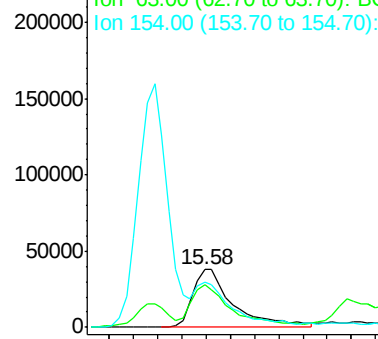
Tot Ion	Ratio	Lower	Upper
184	100		
63	74.2	59.8	89.8
154	77.5	101.8	152.8

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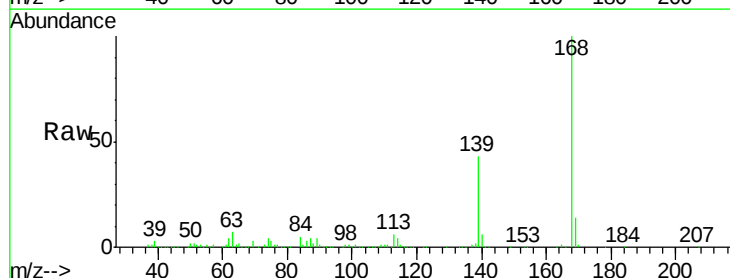


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

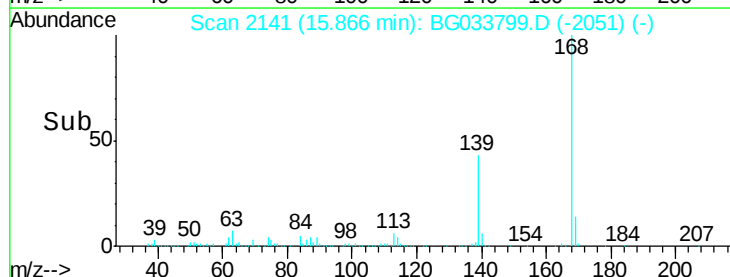
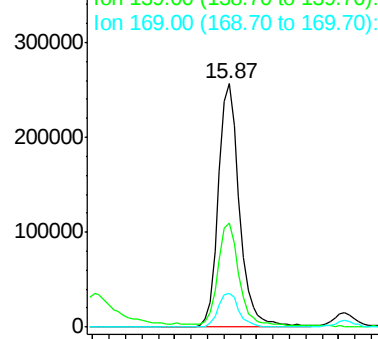


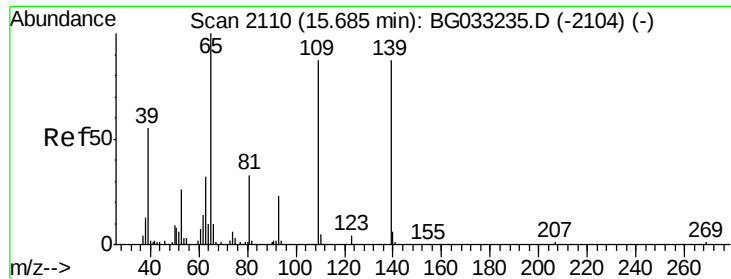
#54
 Dibenzofuran
 Concen: 44.898 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	28.6	43.0
169	13.8	11.2	16.8



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





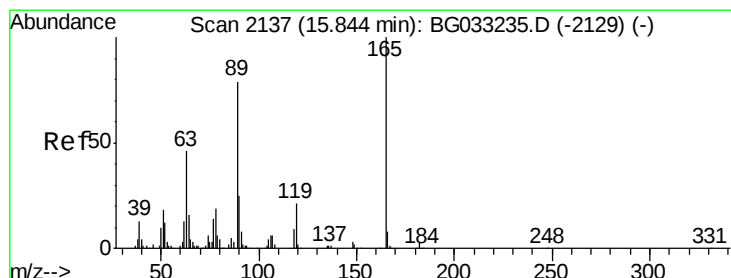
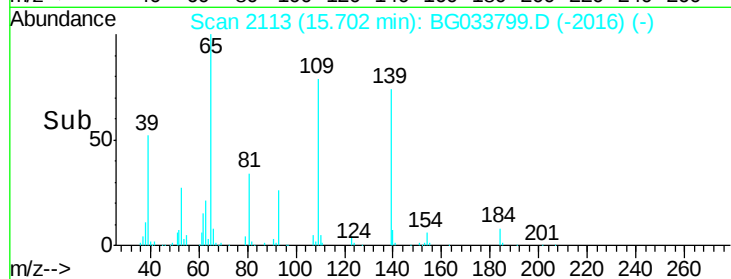
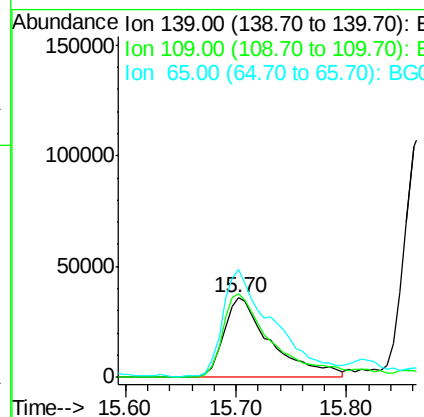
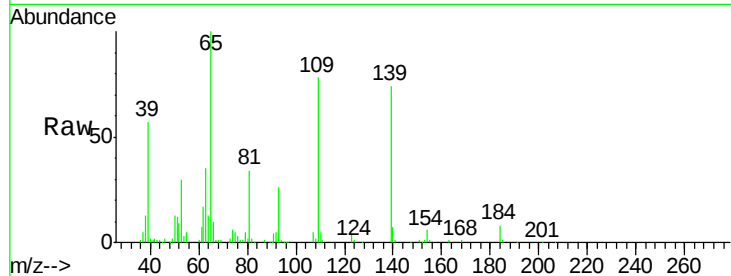
#55
4-Nitrophenol
Concen: 74.543 ng
RT: 15.70 min Scan# 2113
Delta R.T. 0.04 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	105.6	62.2	102.2#
65	135.1	97.2	137.2

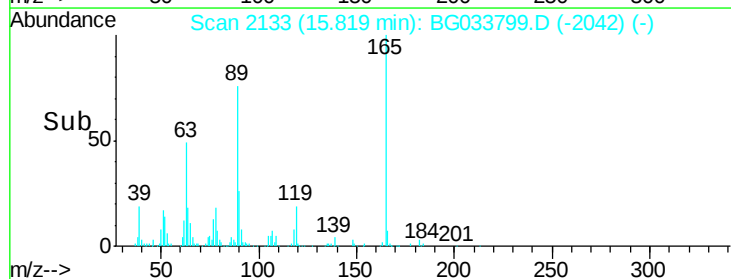
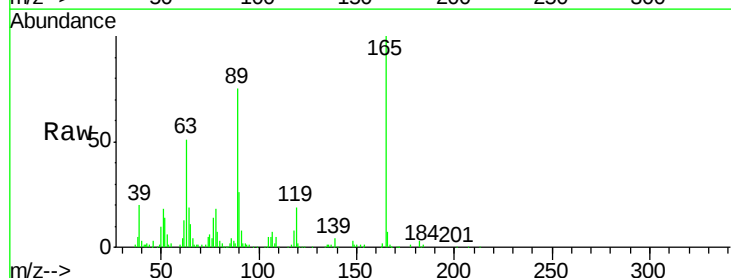
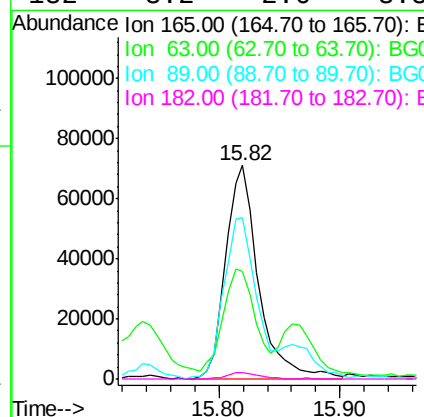
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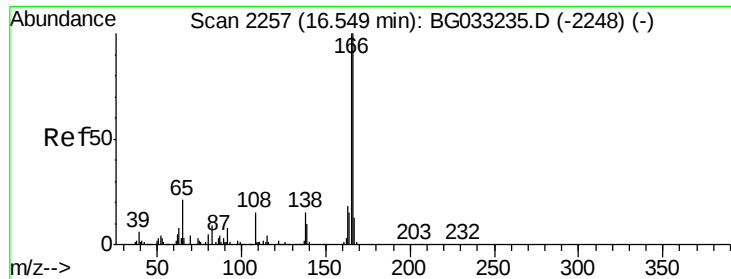
Sohil
4/16/2018 3:14:18 PM



#56
2,4-Dinitrotoluene
Concen: 46.818 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.5	42.0	63.0
89	75.3	66.9	100.3
182	3.2	2.6	3.8





#57

Fluorene

Concen: 43.127 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

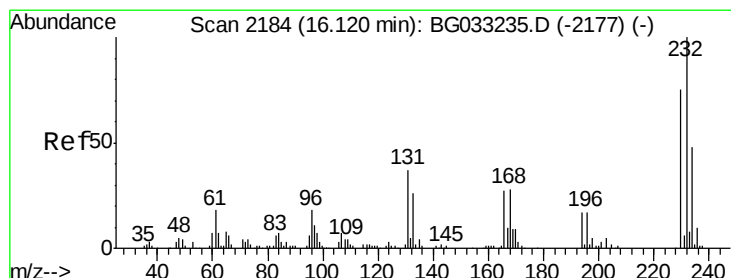
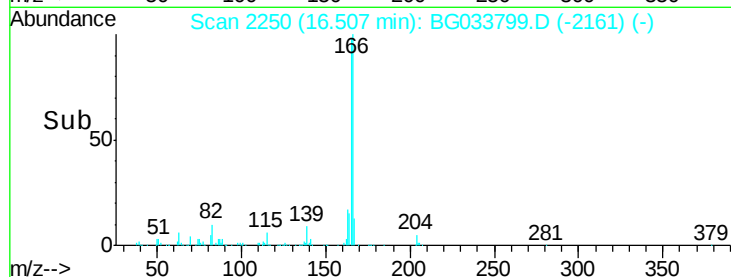
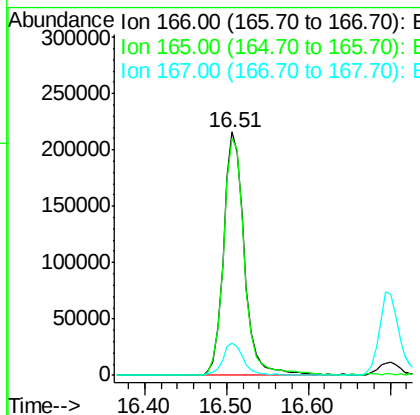
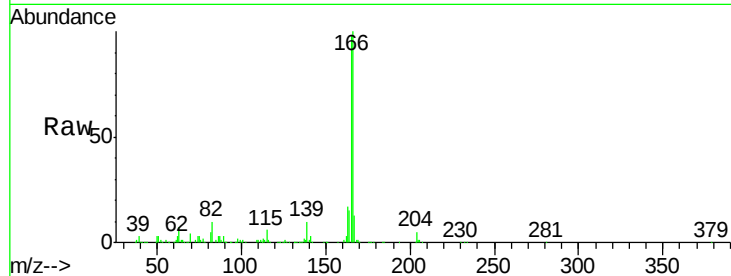
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	166	Resp:	378983
Ion Ratio		Lower	Upper
166	100		
165	97.5	80.6	121.0
167	13.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.256 ng

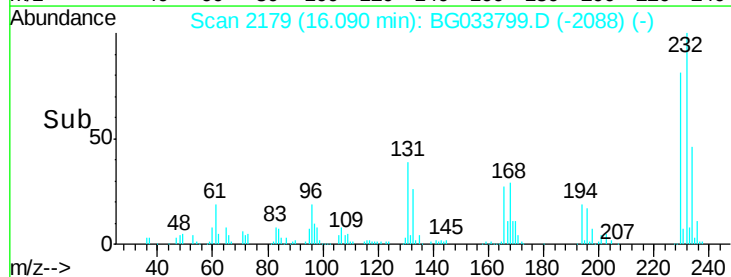
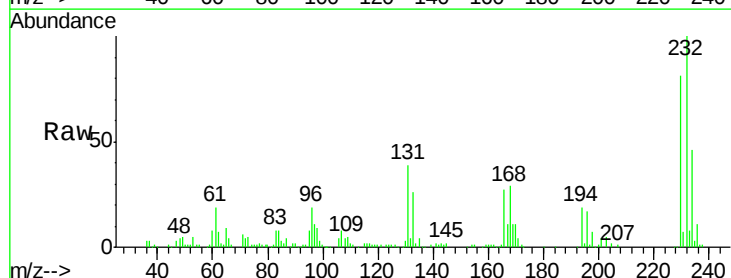
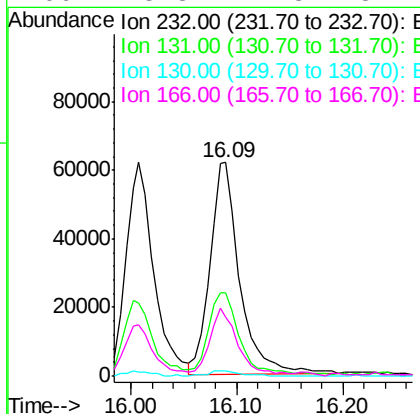
RT: 16.09 min Scan# 2179

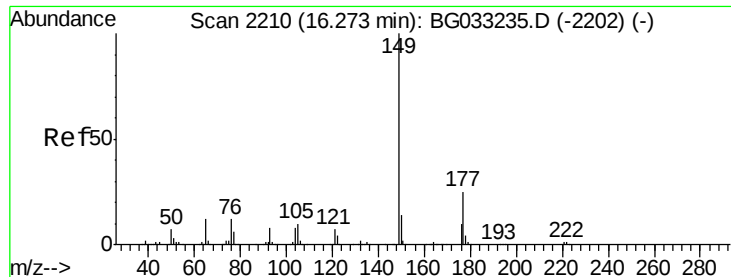
Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	232	Resp:	121239
Ion Ratio		Lower	Upper
232	100		
131	41.7	33.5	50.3
130	2.5	2.2	3.2
166	28.3	24.8	37.2





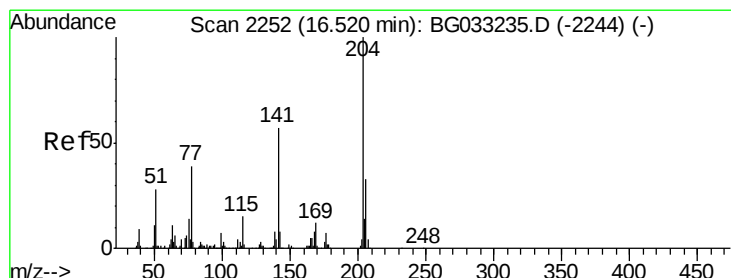
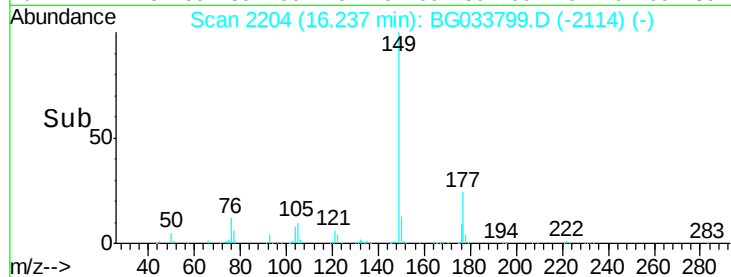
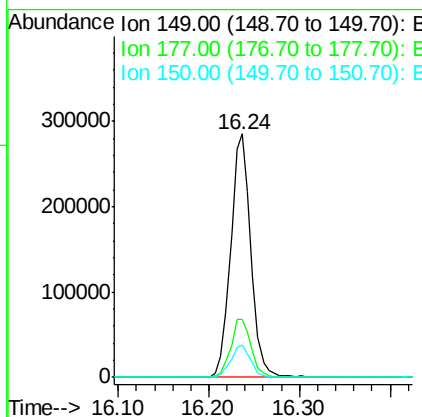
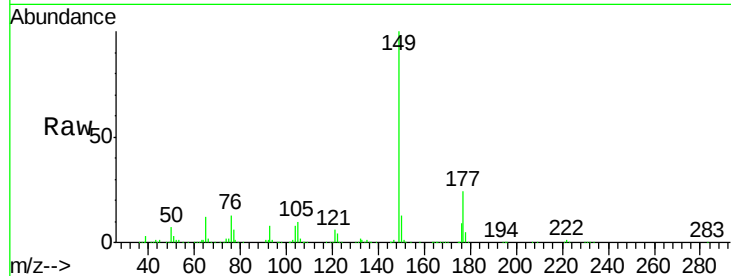
#59
 Diethylphthalate
 Concen: 47.746 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	442024		
177	23.6		18.5	27.7
150	13.4		10.2	15.2

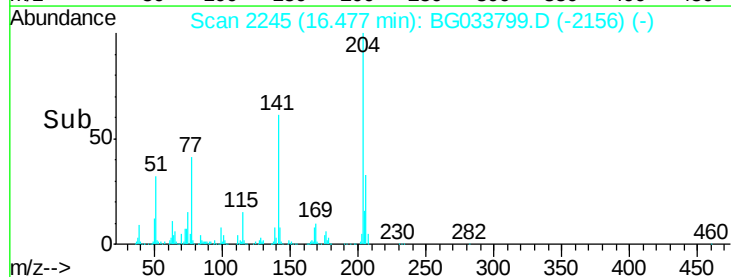
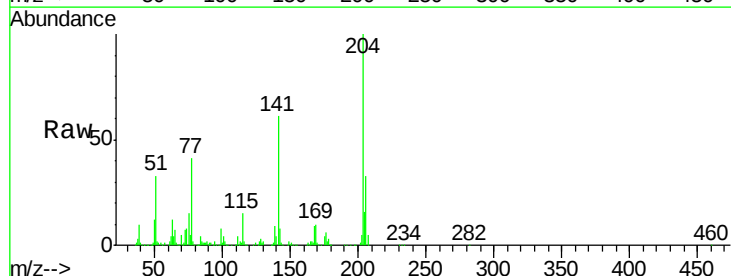
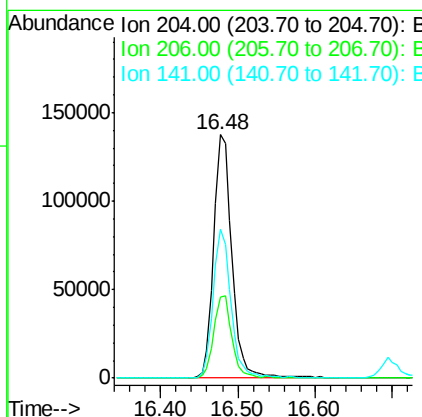
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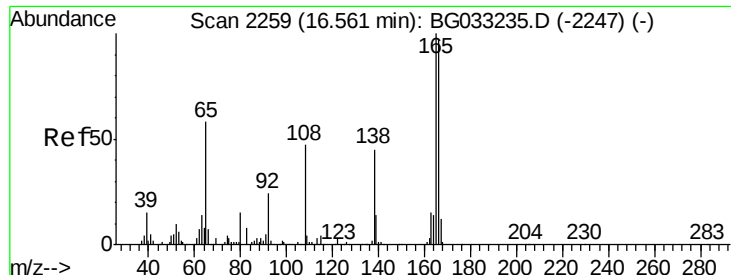
Sohil
 4/16/2018 3:14:18 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 44.550 ng
 RT: 16.48 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	225044		
206	33.4		26.2	39.2
141	61.1		45.8	68.6





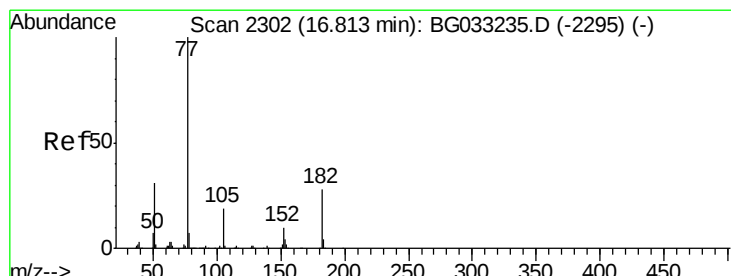
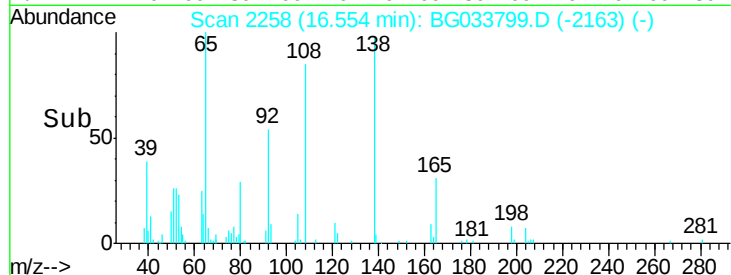
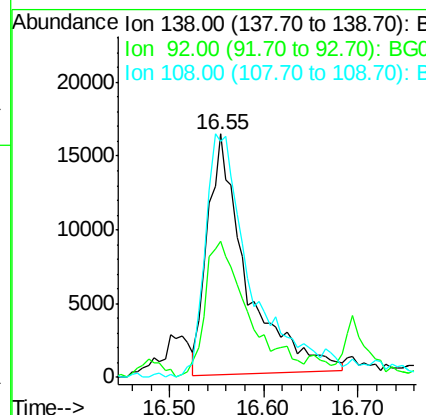
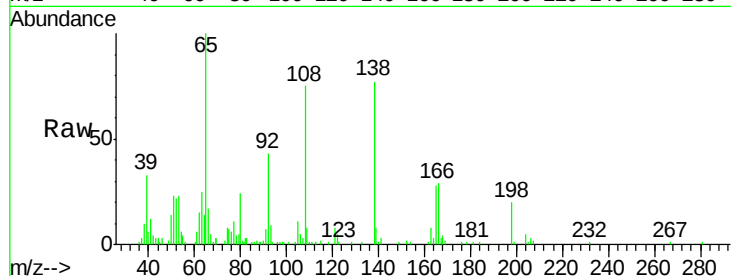
#61
 4-Nitroaniline
 Concen: 23.028 ng
 RT: 16.55 min Scan# 2258
 Delta R.T. 0.03 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion:	138	Resp:	47661
Ion Ratio	Lower	Upper	
138	100		
92	56.0	40.1	80.1
108	97.2	65.4	105.4

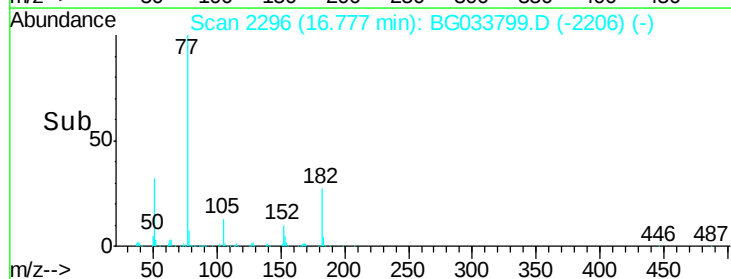
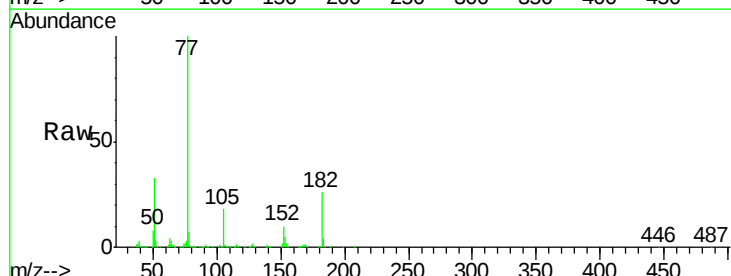
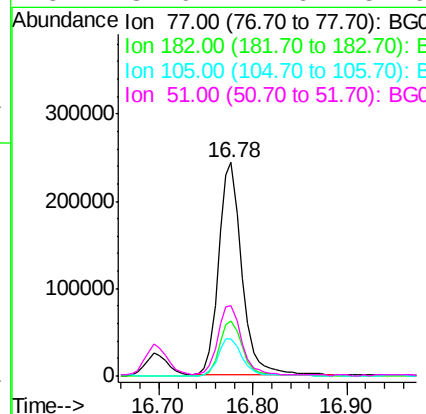
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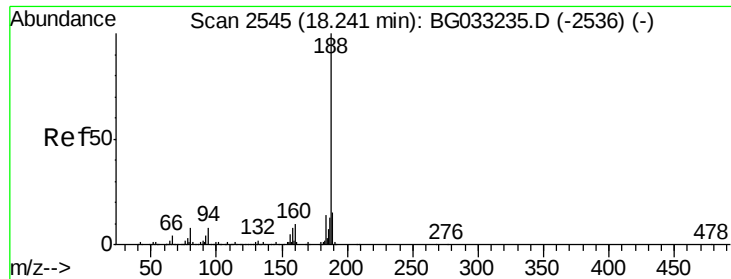
Sohil
 4/16/2018 3:14:18 PM



#62
 Azobenzene
 Concen: 46.941 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion:	77	Resp:	420969
Ion Ratio	Lower	Upper	
77	100		
182	26.0	7.4	47.4
105	17.5	0.3	40.3
51	32.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

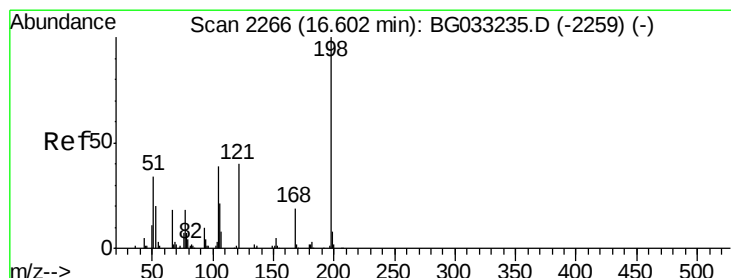
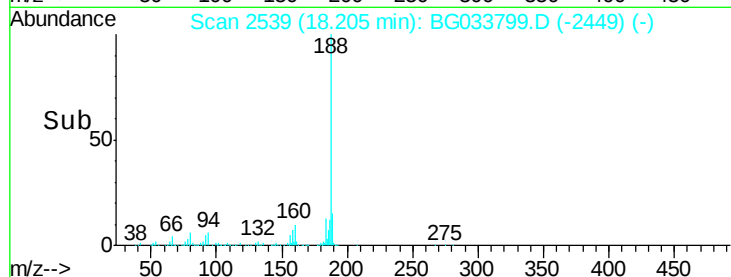
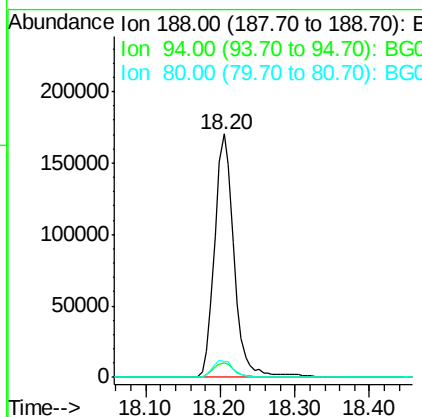
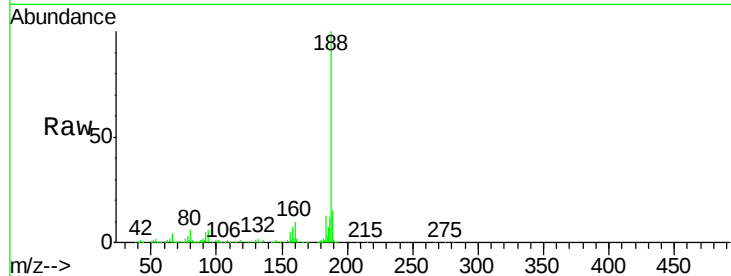
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	188	Resp:	307219
Ion Ratio	Lower	Upper	
188	100		
94	6.2	6.9	10.3#
80	6.5	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.023 ng

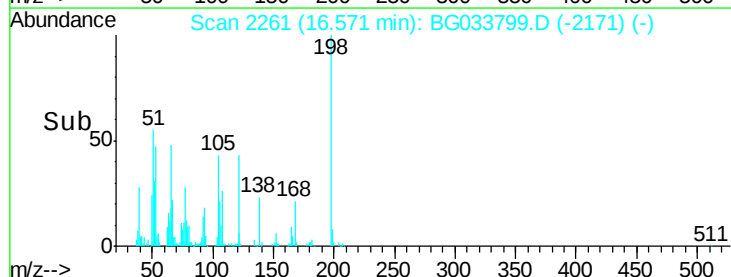
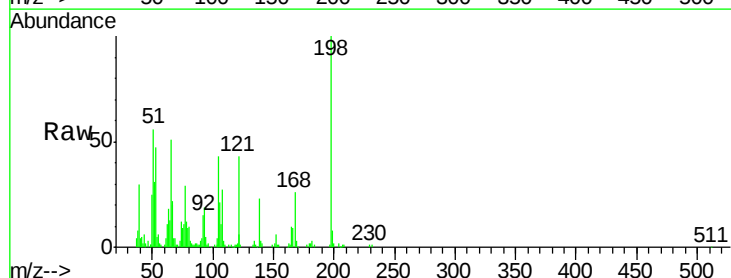
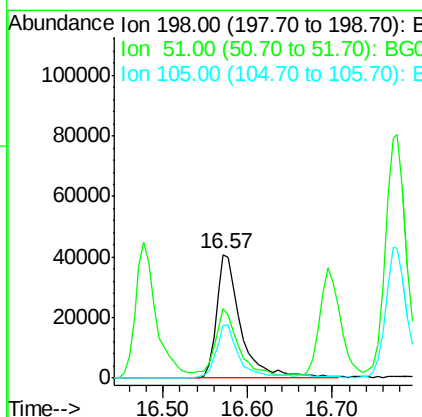
RT: 16.57 min Scan# 2261

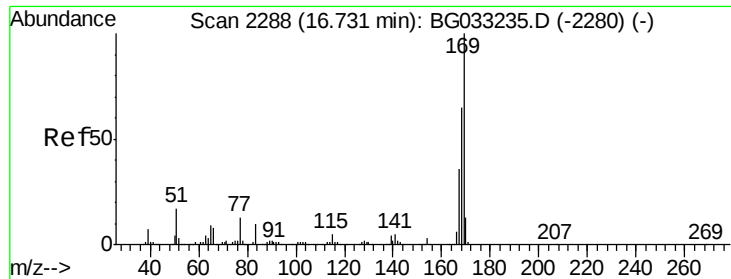
Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	198	Resp:	82747
Ion Ratio	Lower	Upper	
198	100		
51	55.9	30.6	70.6
105	42.8	23.8	63.8





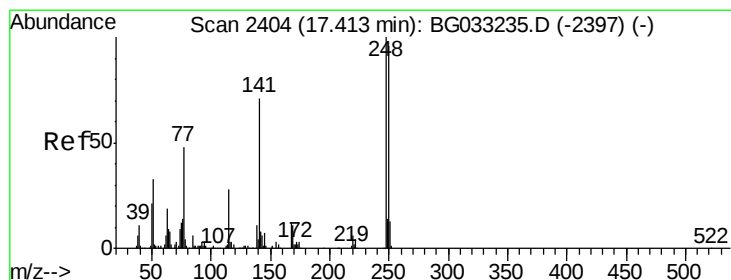
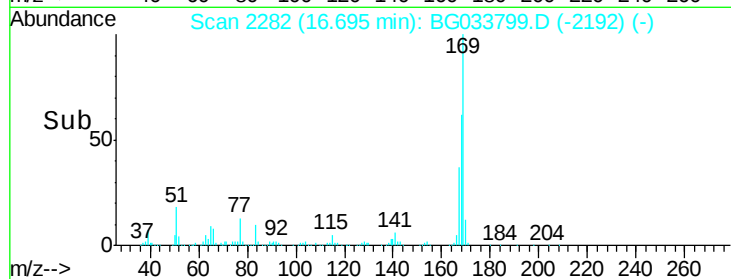
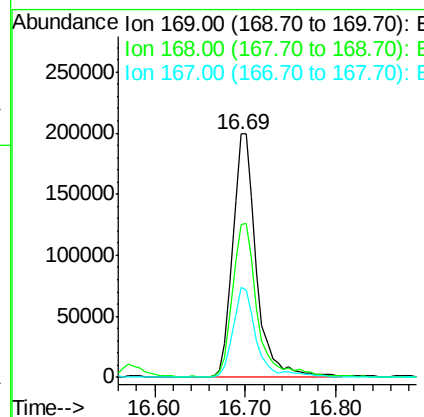
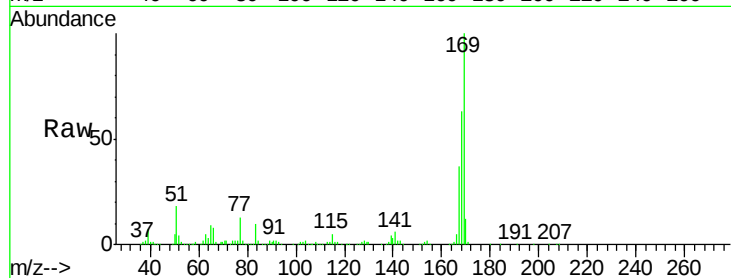
#65
 n-Nitrosodiphenylamine
 Concen: 41.390 ng
 RT: 16.69 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	363018		
168	62.8		55.7	83.5
167	37.0		30.1	45.1

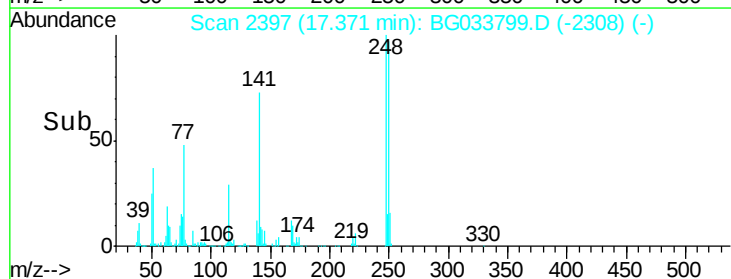
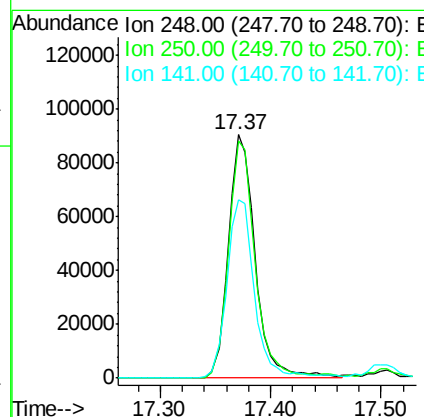
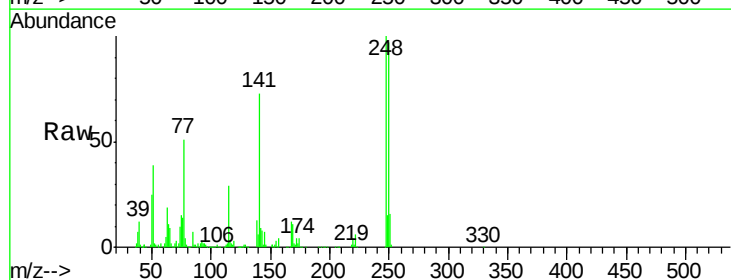
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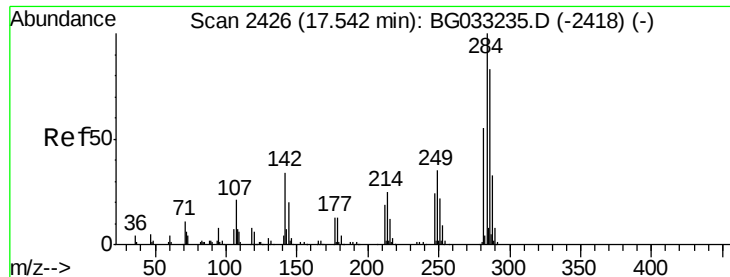
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#66
 4-Bromophenyl-phenylether
 Concen: 42.585 ng
 RT: 17.37 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	153647		
250	97.5		77.1	115.7
141	73.2		50.8	76.2





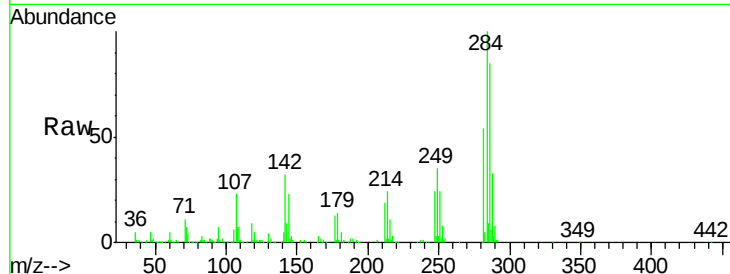
#67
Hexachlorobenzene
Concen: 40.924 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.5	26.8	40.2	
249	35.4	26.3	39.5	

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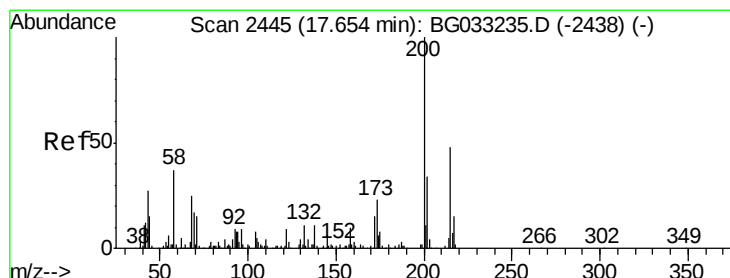
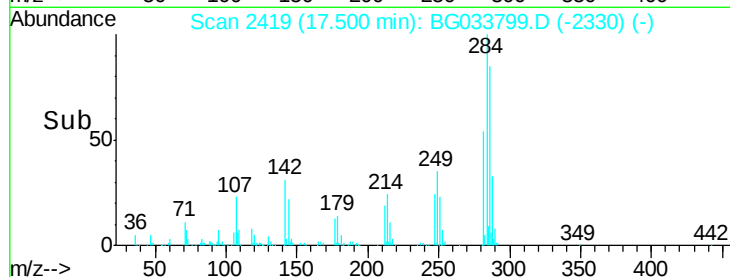
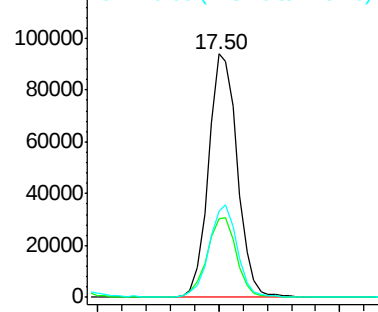


Abundance

Ion 283.80 (283.50 to 284.50): E

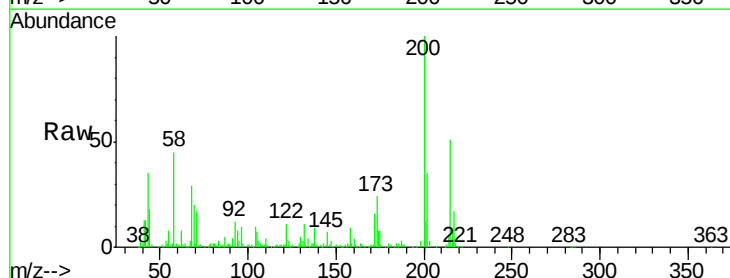
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 31.101 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.5	5.2	45.2	
215	51.1	30.4	70.4	

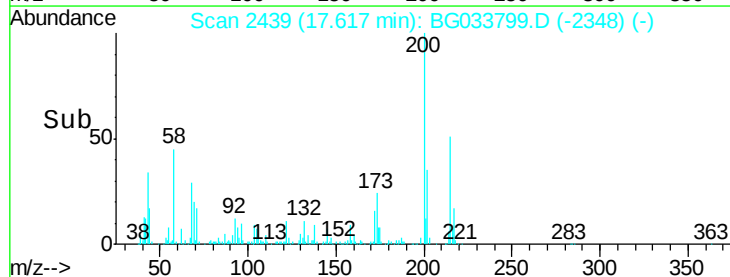
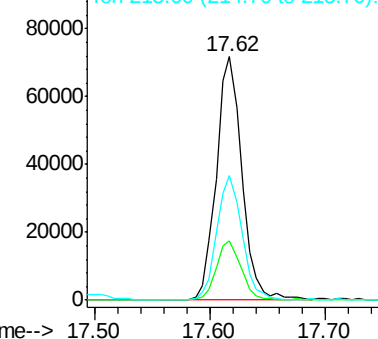


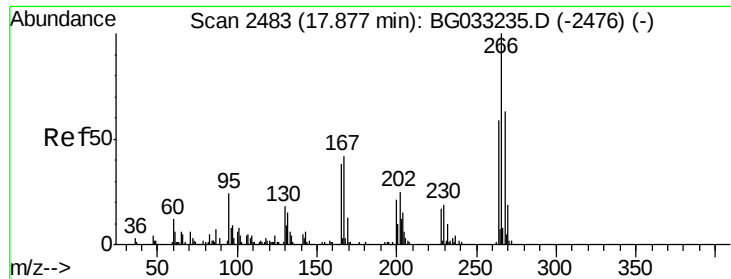
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





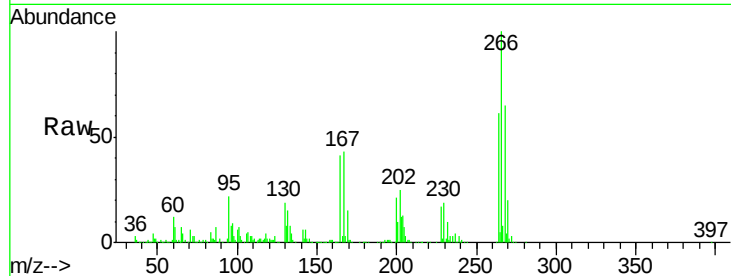
#69
 Pentachlorophenol
 Concen: 77.732 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	60.7	49.6	74.4

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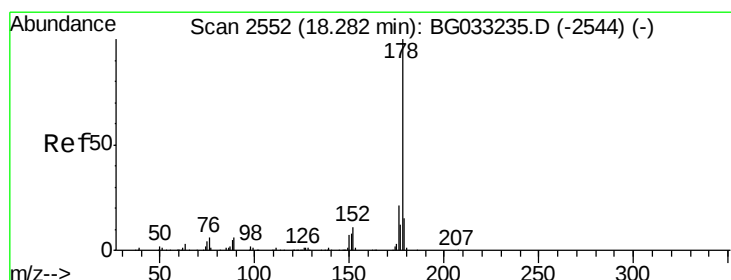
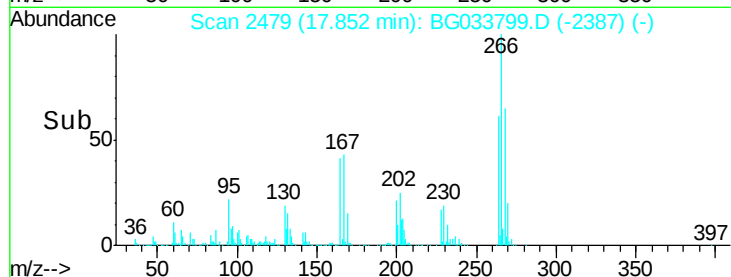
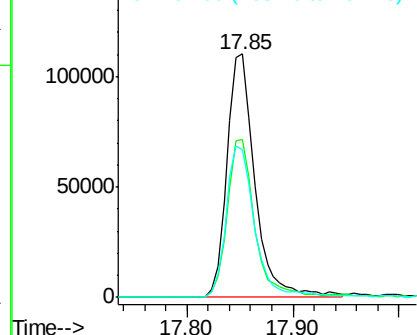


Abundance

Ion 265.70 (265.40 to 266.40): E

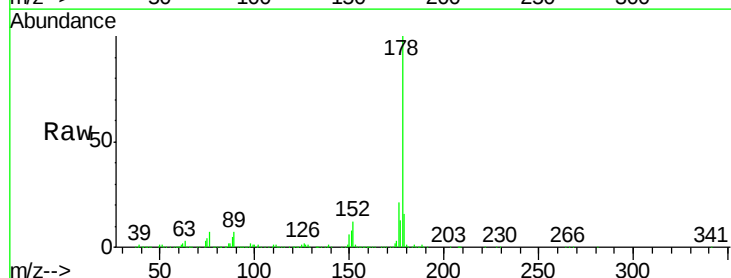
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.805 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.0	12.5	18.7

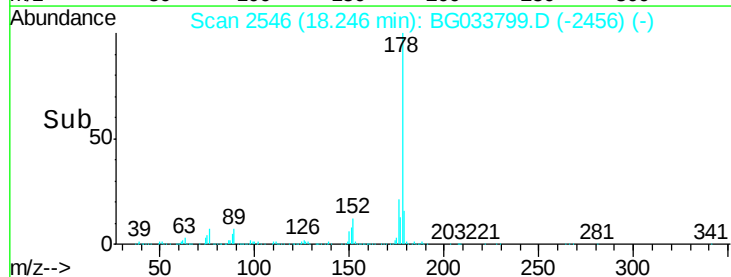
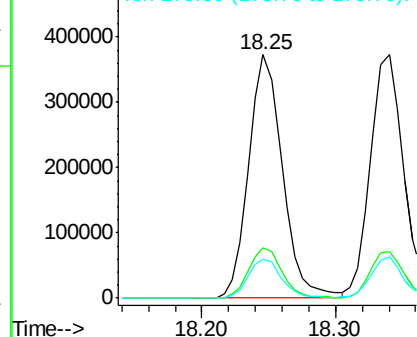


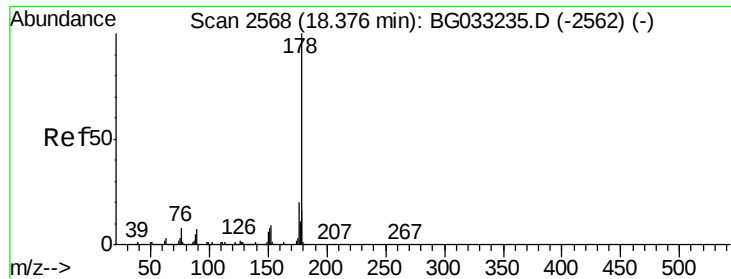
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





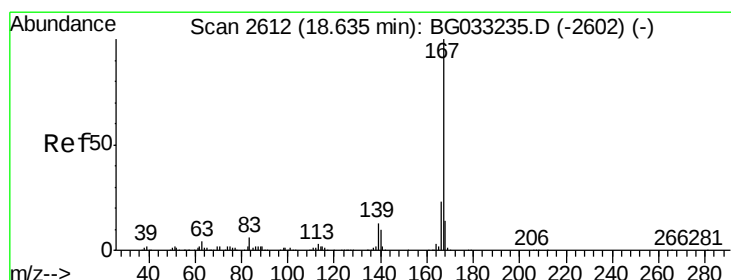
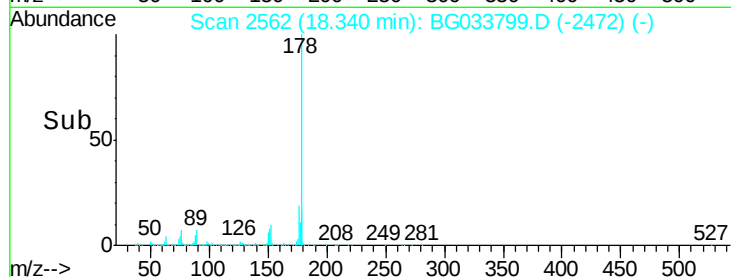
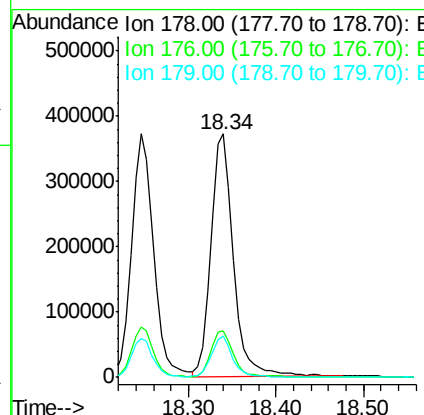
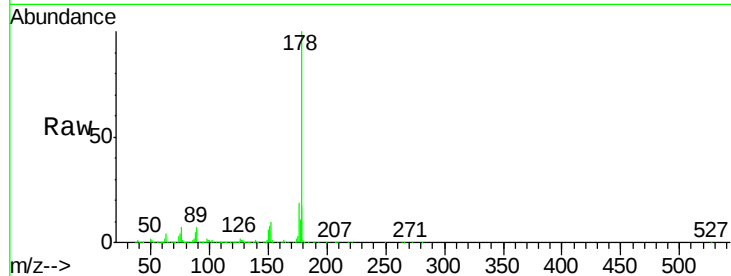
#71
 Anthracene
 Concen: 40.976 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.8	12.5	18.7

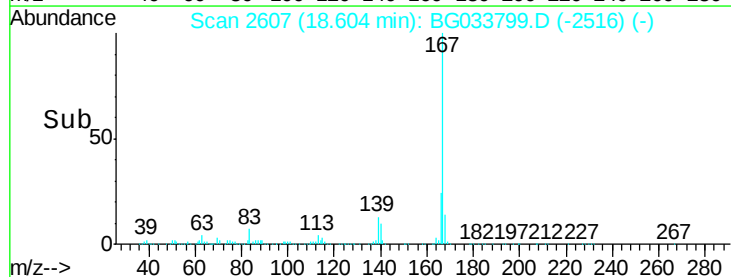
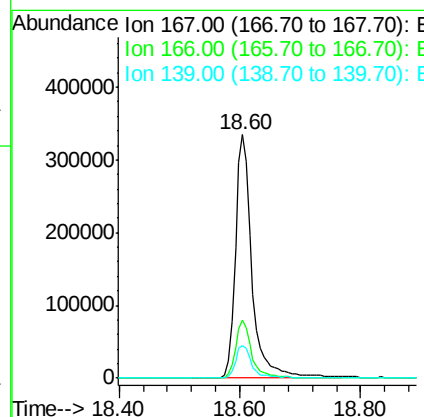
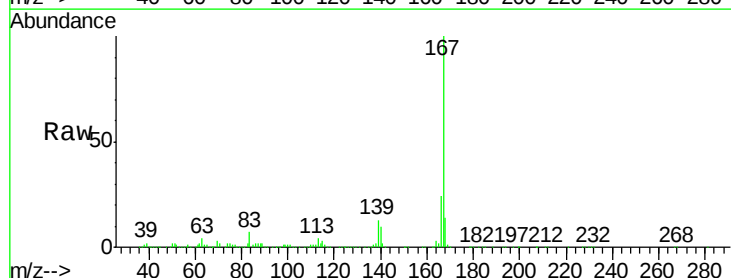
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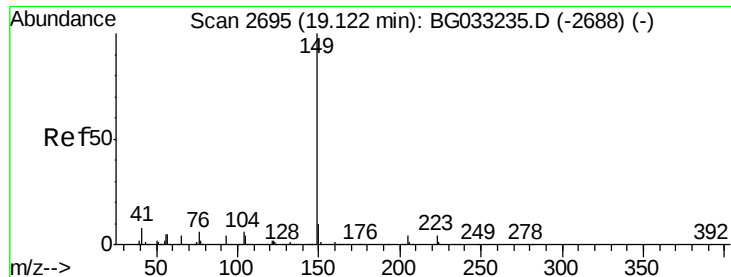
Sohil
 4/16/2018 3:14:18 PM



#72
 Carbazole
 Concen: 44.439 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BG033799.D
 Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	13.4	9.4	14.2





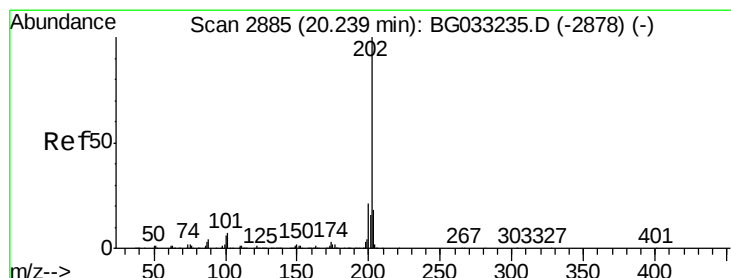
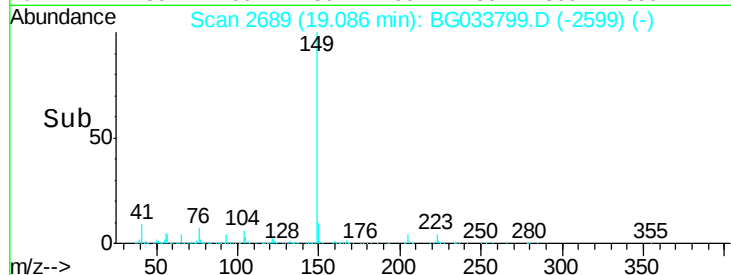
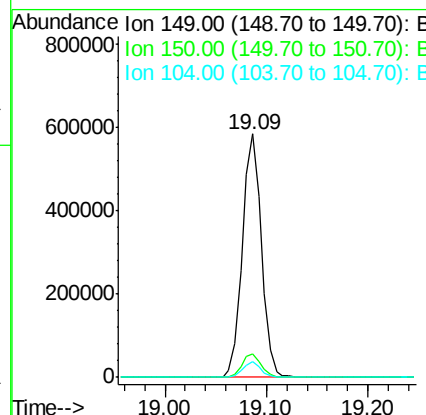
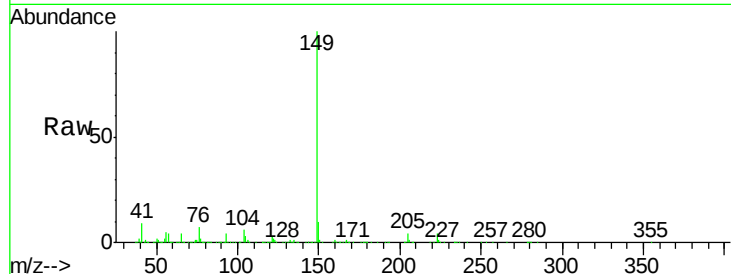
#73
Di-n-butylphthalate
Concen: 45.683 ng
RT: 19.09 min Scan# 2689
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.9	7.8	11.6
104	6.2	3.9	5.9

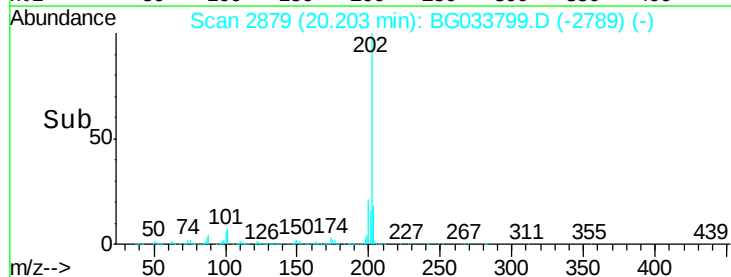
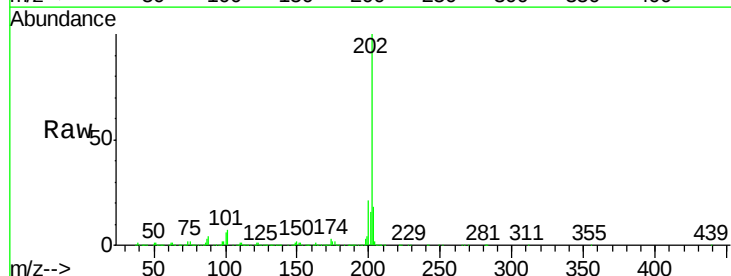
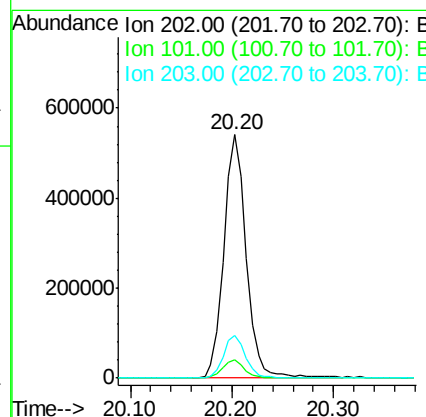
Manual Integrations
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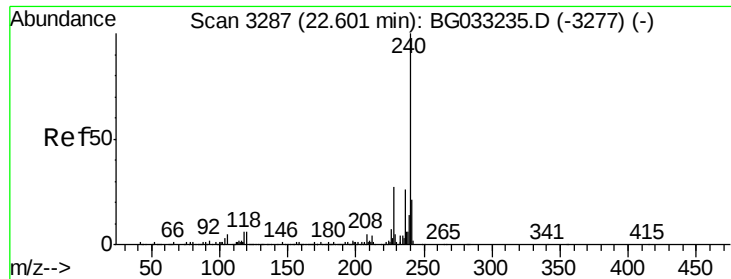
Sohil
4/16/2018 3:14:18 PM



#74
Fluoranthene
Concen: 41.697 ng
RT: 20.20 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	0.0	28.9
203	17.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

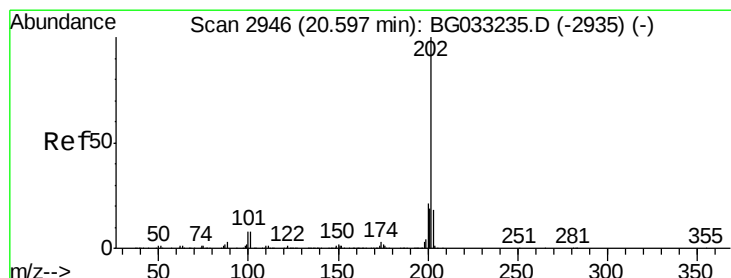
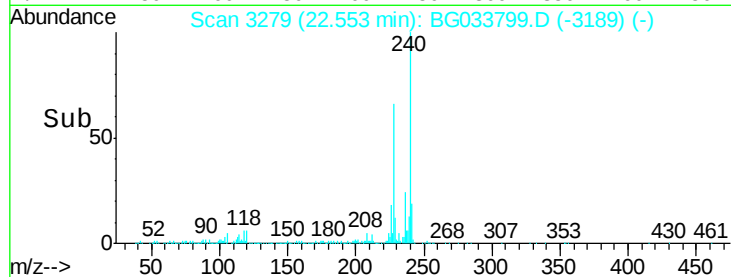
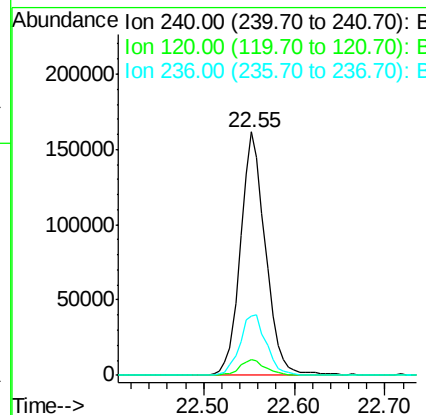
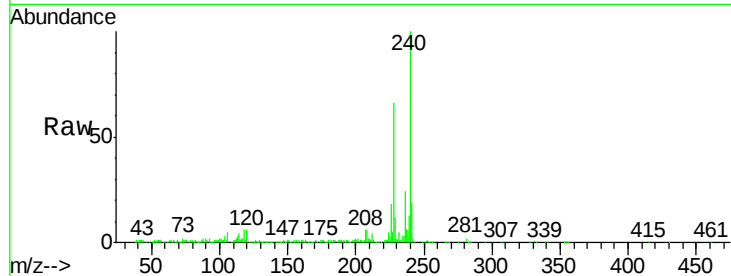
ClientSampleId :

PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	24.1	20.9	31.3

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#77

Pyrene

Concen: 40.904 ng

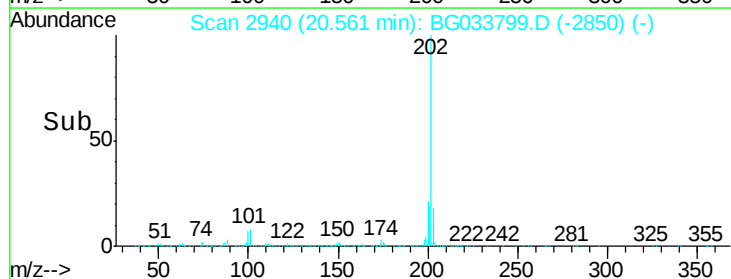
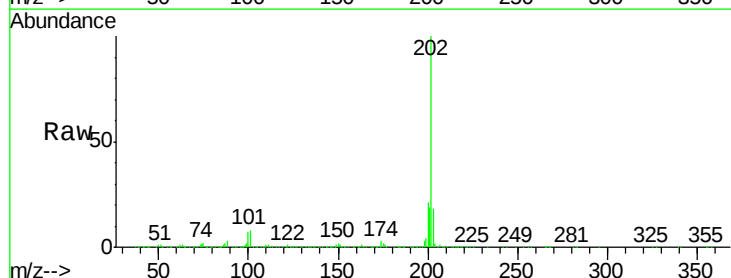
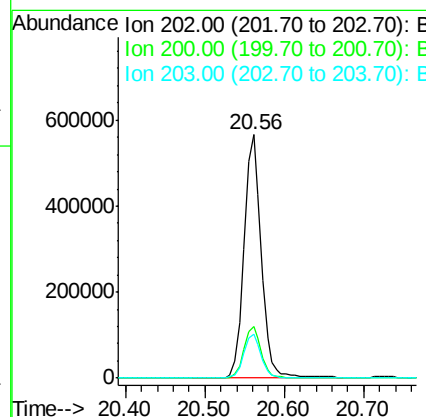
RT: 20.56 min Scan# 2940

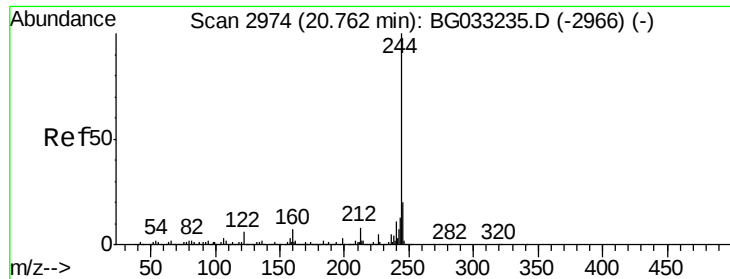
Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.2	13.9	20.9





#78

Terphenyl-d14

Concen: 89.067 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-AMS

Tot Ion:244 Resp: 1292164

Ion Ratio Lower Upper

244 100

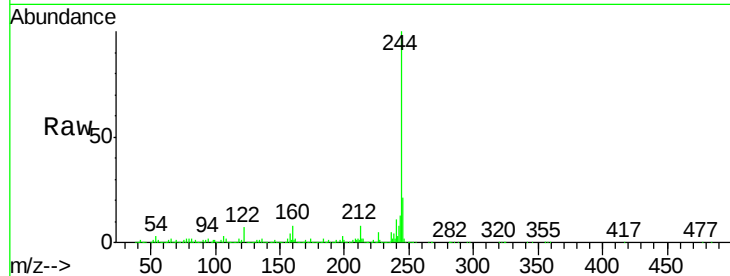
212 8.3 5.8 8.8

122 7.0 7.0 10.4#

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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

1200000

1000000

800000

600000

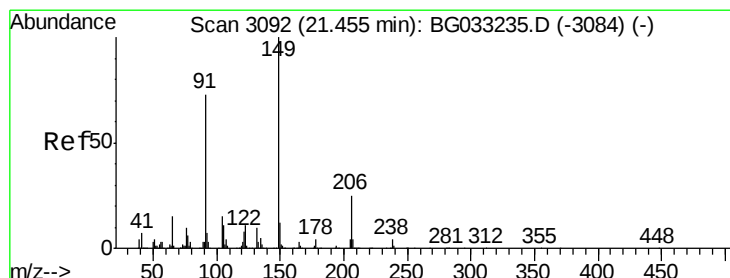
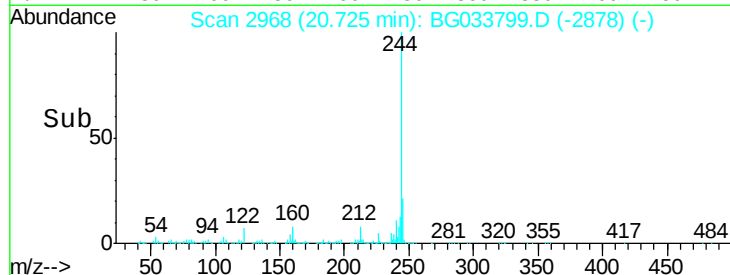
400000

200000

0

20.73

Time--> 20.60 20.70 20.80



#79

Butylbenzylphthalate

Concen: 44.167 ng

RT: 21.41 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

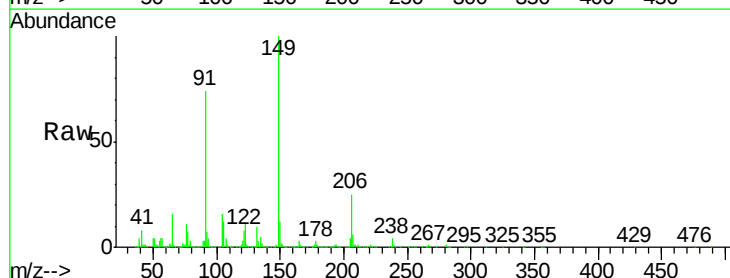
Tgt Ion:149 Resp: 337260

Ion Ratio Lower Upper

149 100

91 74.2 62.2 93.2

206 25.1 18.6 27.8



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

300000

250000

200000

150000

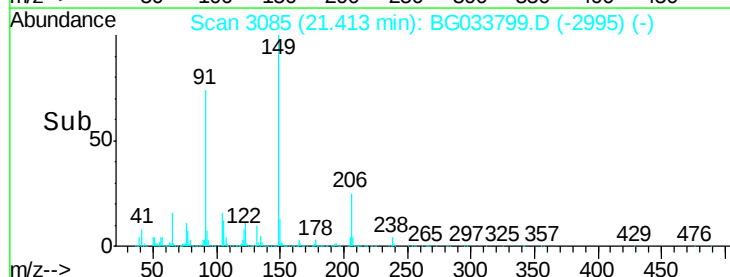
100000

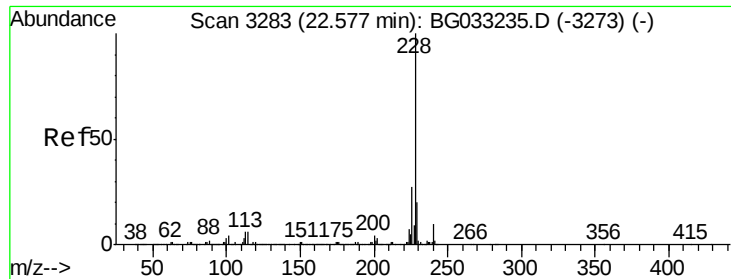
50000

0

21.41

Time--> 21.35 21.40 21.45 21.50





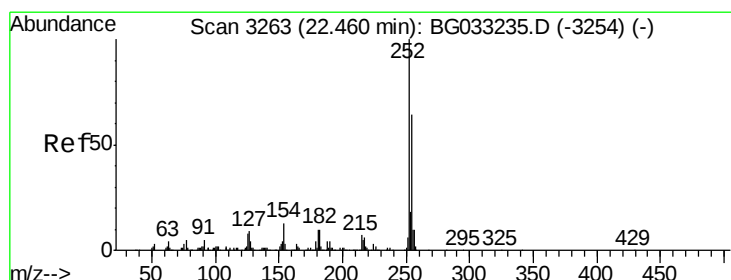
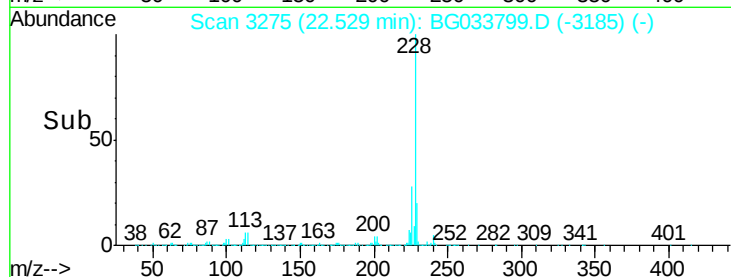
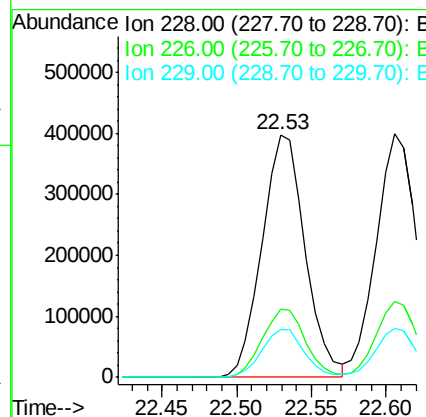
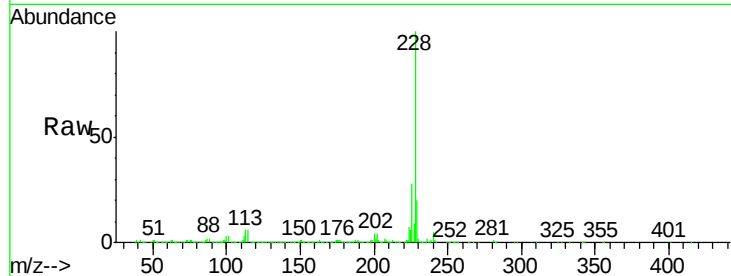
#80
Benzo(a)anthracene
Concen: 40.327 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	19.9	16.2	24.2

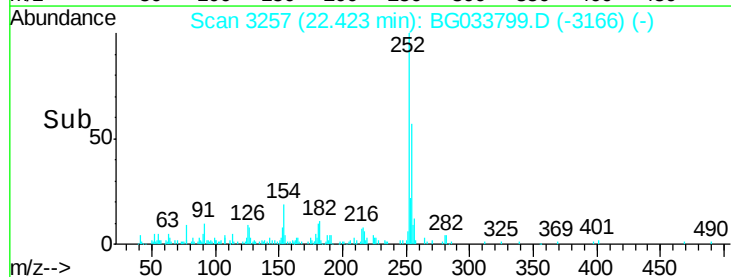
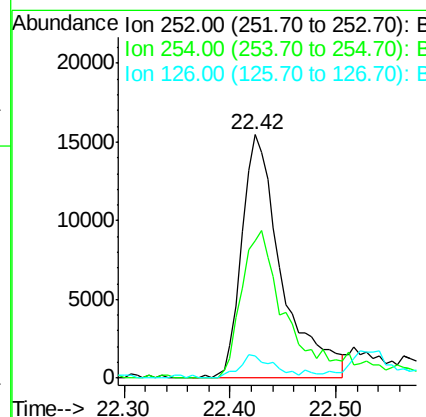
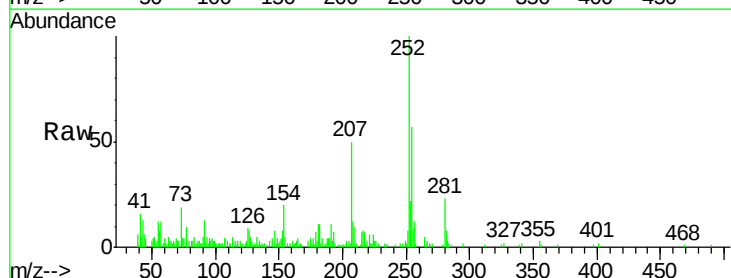
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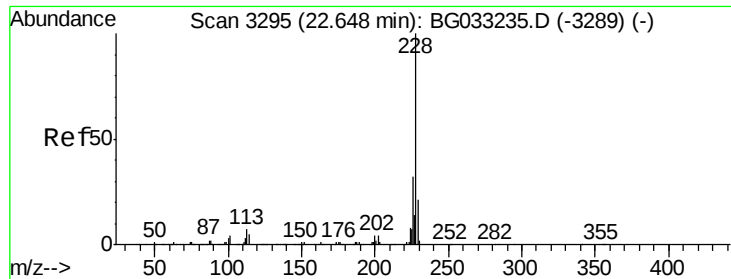
Sohil
4/16/2018 3:14:18 PM



#81
3,3'-Dichlorobenzidine
Concen: 5.784 ng
RT: 22.42 min Scan# 3257
Delta R.T. 0.01 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	56.6	50.8	76.2
126	8.8	7.4	11.2





#82

Chrysene

Concen: 40.655 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

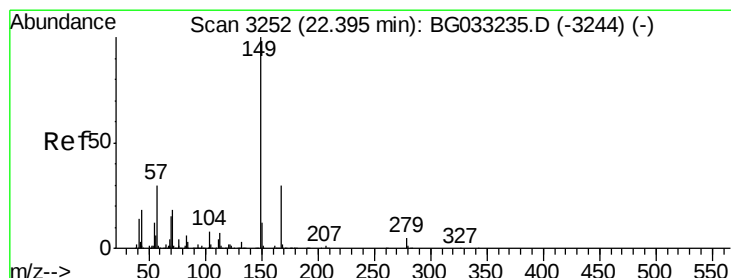
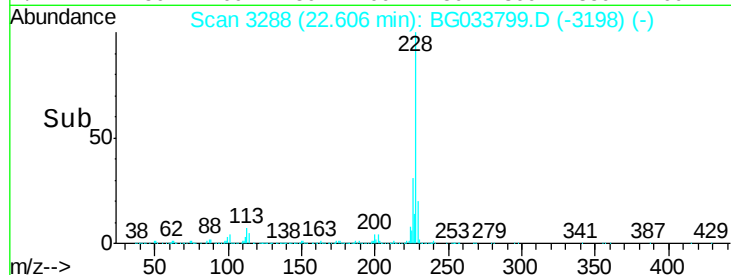
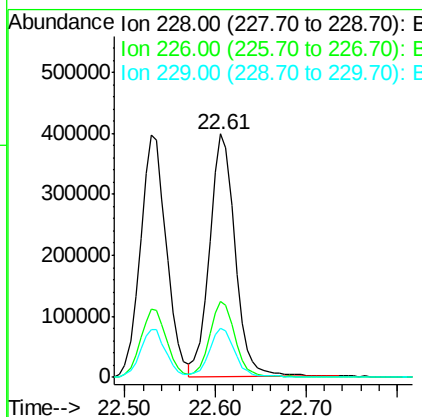
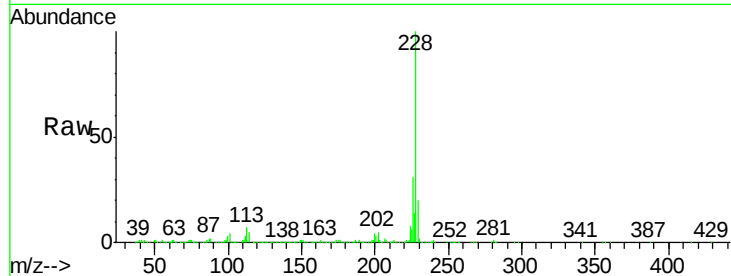
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	228	Resp:	777497
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	20.1	15.0	22.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.892 ng

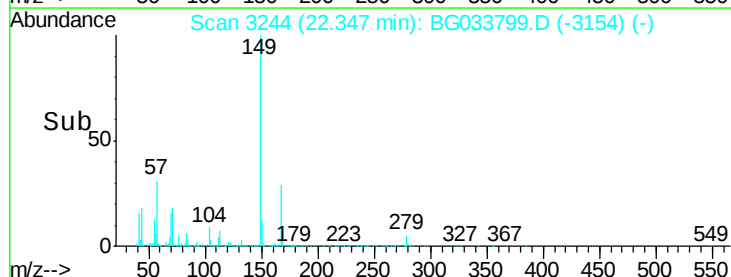
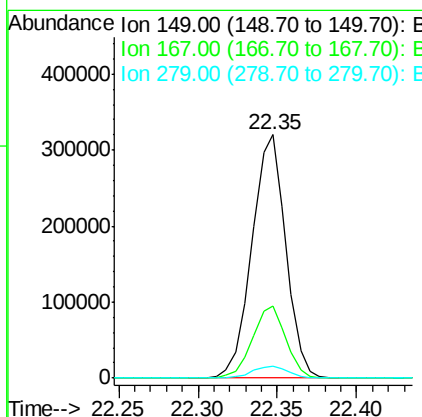
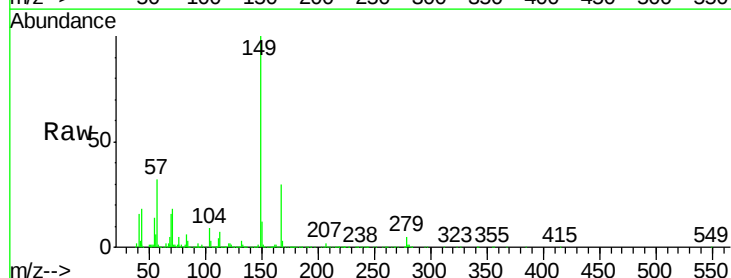
RT: 22.35 min Scan# 3244

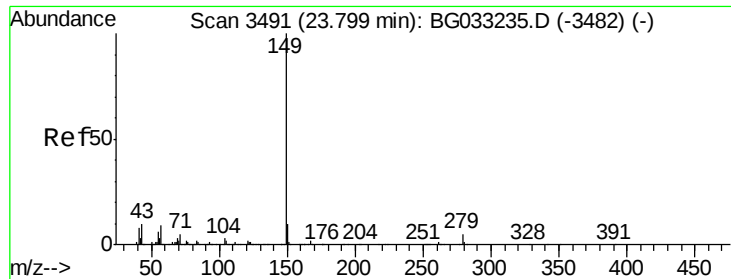
Delta R.T. -0.00 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	149	Resp:	472556
Ion Ratio	Lower	Upper	
149	100		
167	29.5	24.3	36.5
279	5.1	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 49.640 ng

RT: 23.73 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

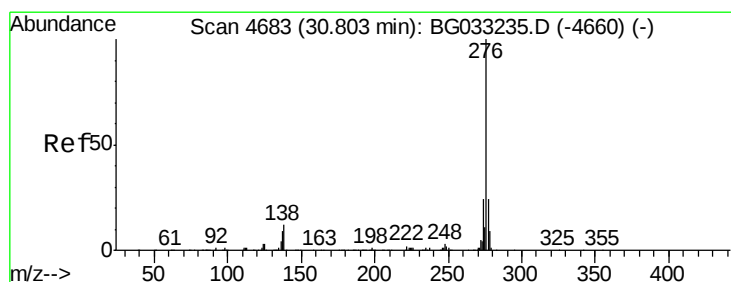
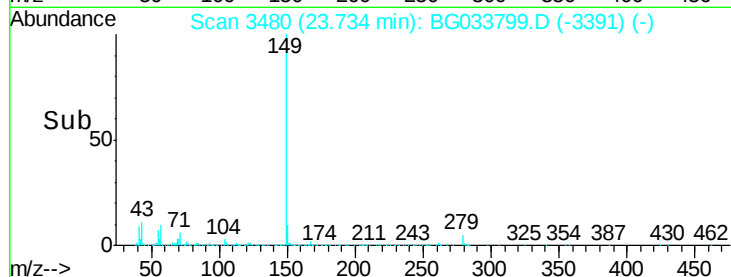
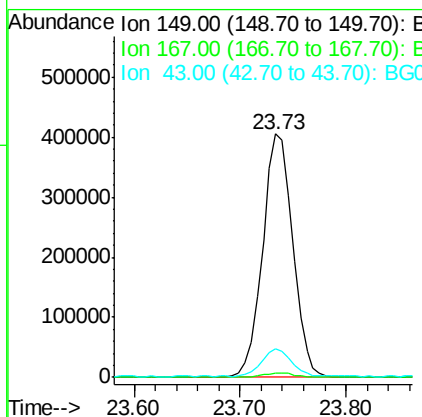
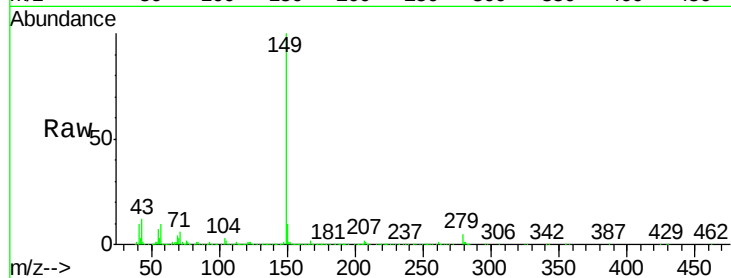
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	149	Resp:	800052
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	11.2	8.9	13.3

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#85

Indeno(1,2,3-cd)pyrene

Concen: 42.004 ng

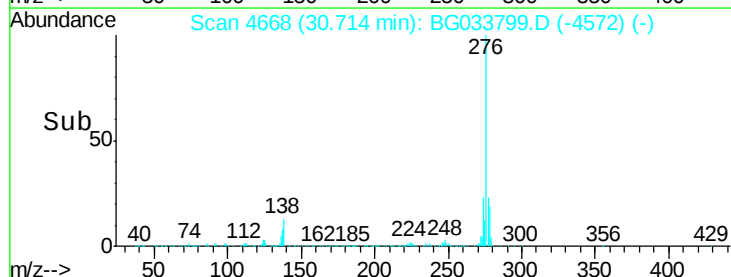
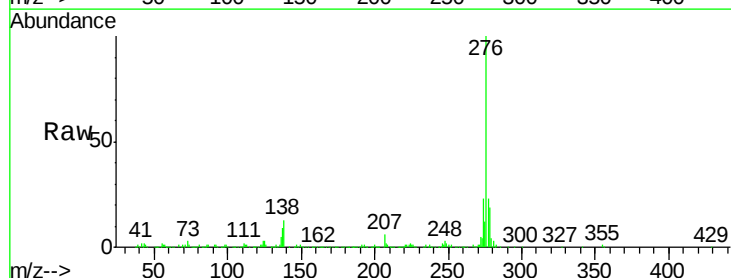
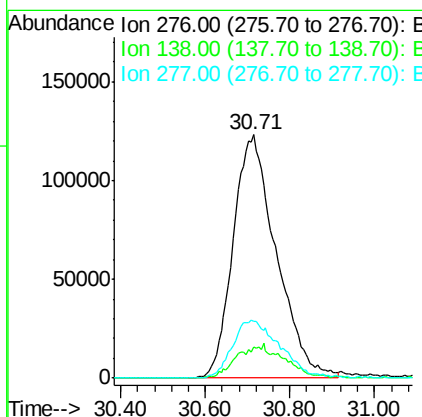
RT: 30.71 min Scan# 4668

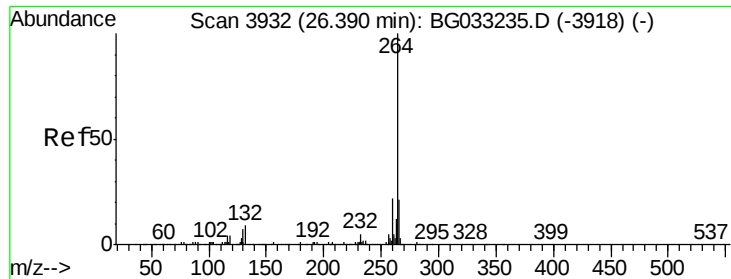
Delta R.T. 0.03 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	276	Resp:	868499
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.0	24.0#
277	26.0	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

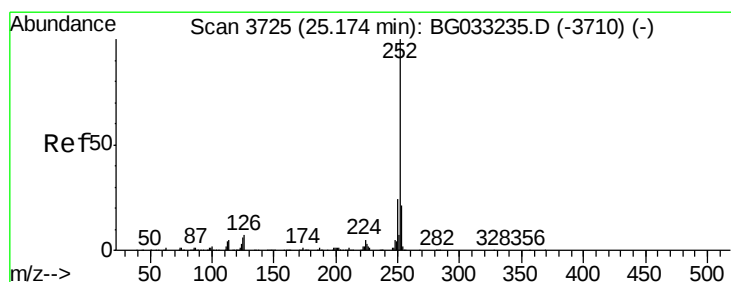
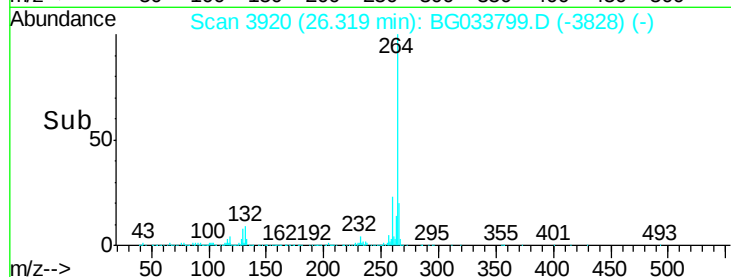
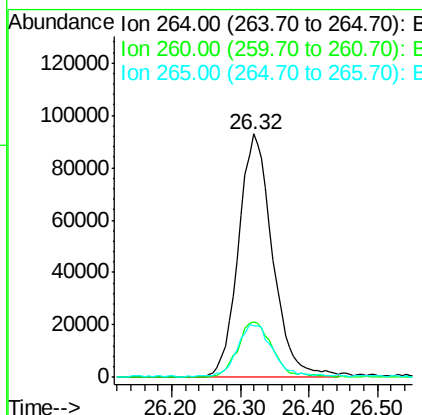
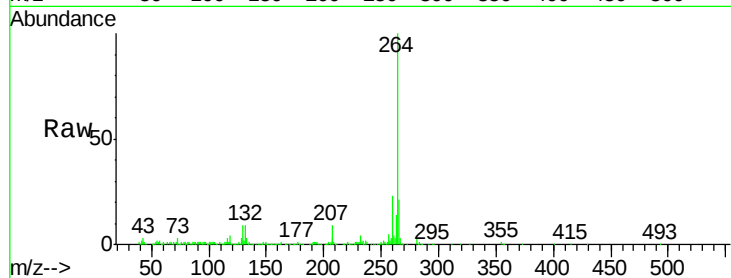
ClientSampleId :

PL-01-041118-AMS

Tot Ion:	264	Resp:	322001
Ion Ratio		Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.1	17.7	26.5

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#87

Benzo(b)fluoranthene

Concen: 40.584 ng m

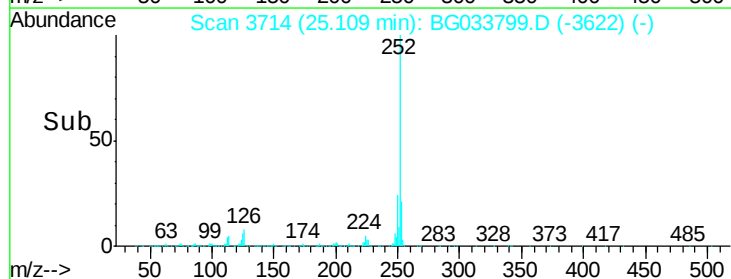
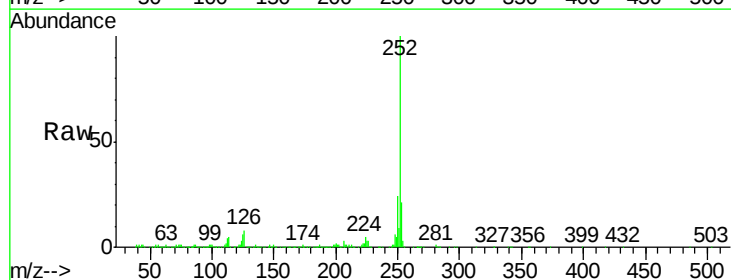
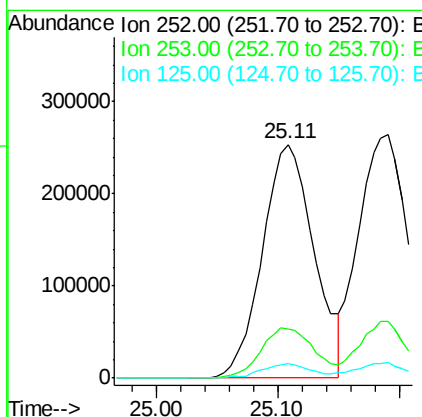
RT: 25.11 min Scan# 3714

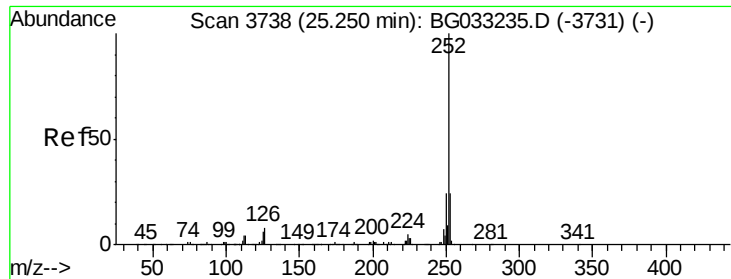
Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion:	252	Resp:	755015
Ion Ratio		Lower	Upper
252	100		
253	21.1	18.2	27.4
125	6.4	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 42.091 ng

RT: 25.19 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Instrument :

BNA_G

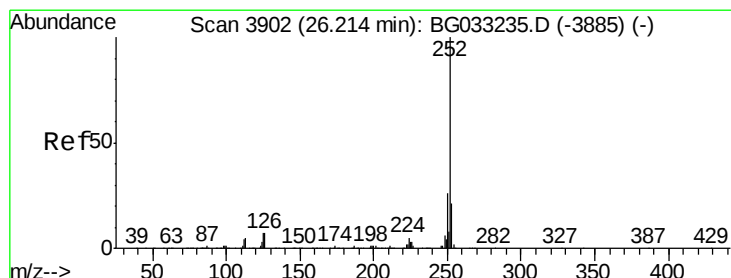
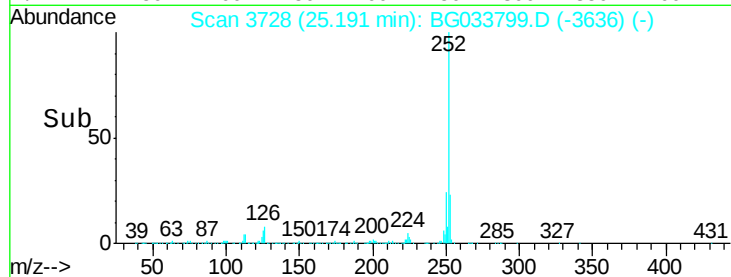
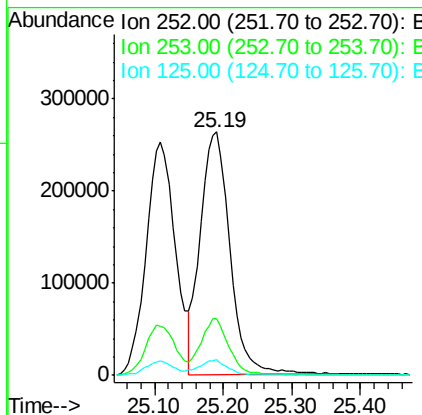
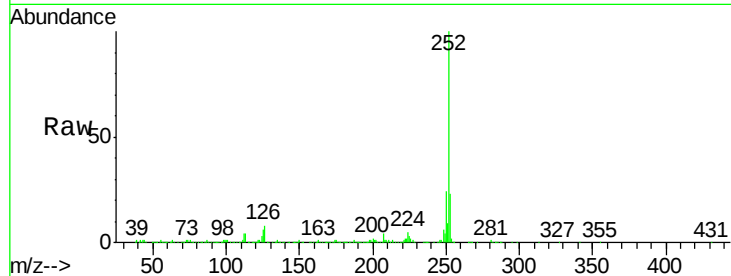
ClientSampleId :

PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	6.5	6.6	9.8#

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#89

Benzo(a)pyrene

Concen: 40.891 ng

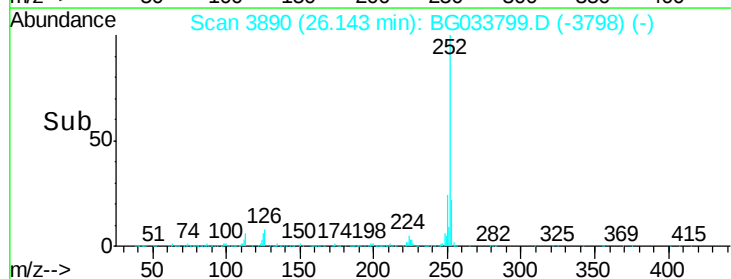
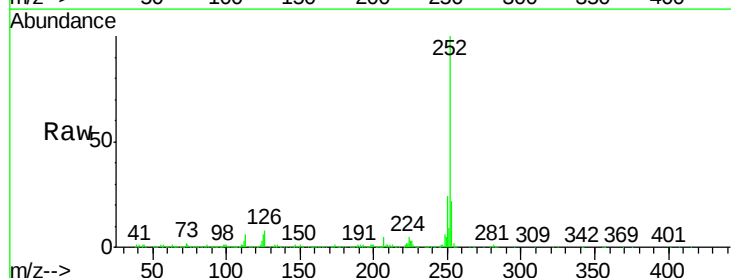
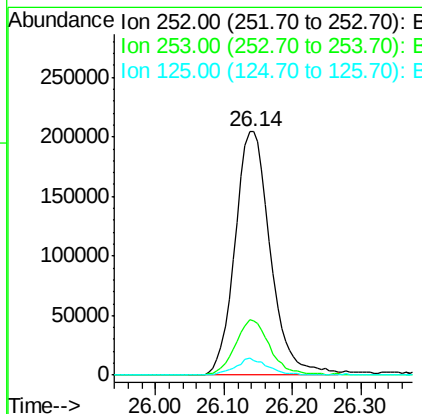
RT: 26.14 min Scan# 3890

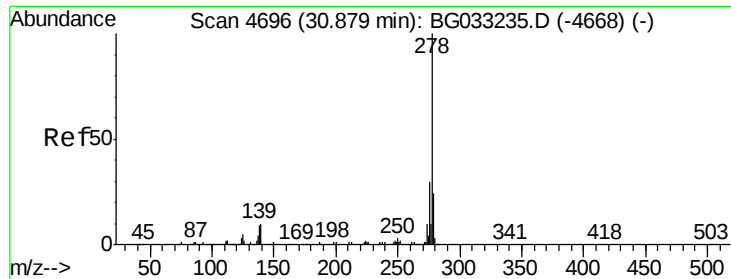
Delta R.T. 0.01 min

Lab File: BG033799.D

Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	5.9	7.3	10.9#





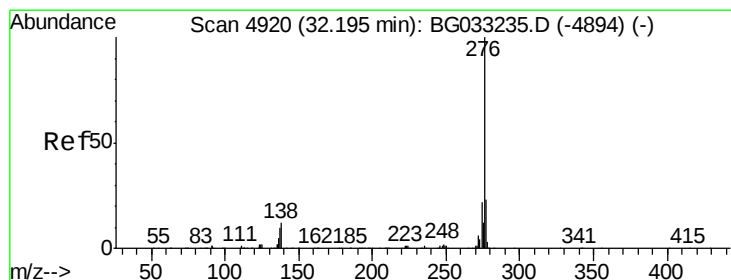
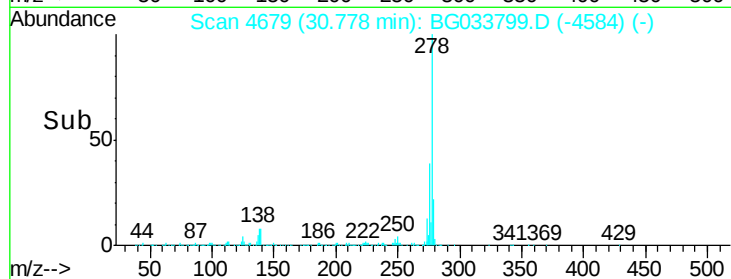
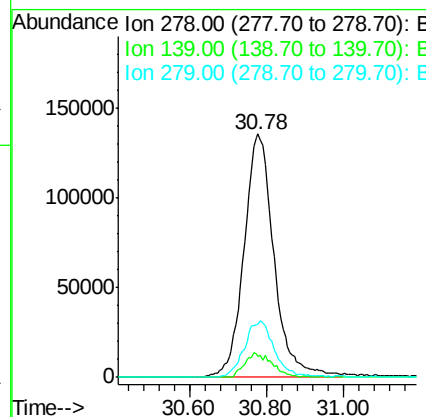
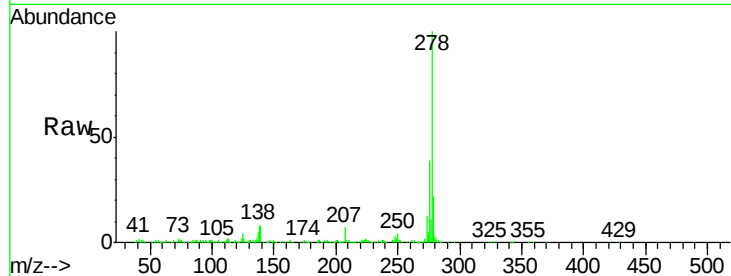
#90
Dibenzo(a,h)anthracene
Concen: 43.639 ng
RT: 30.78 min Scan# 4679
Delta R.T. 0.03 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6#
279	21.9	18.4	27.6

Manual Integrations
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4/16/2018 3:14:18 PM



#91
Benzo(g,h,i)perylene
Concen: 41.873 ng
RT: 32.09 min Scan# 4902
Delta R.T. 0.03 min
Lab File: BG033799.D
Acq: 13 Apr 2018 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.3	27.5
138	13.4	13.9	20.9#

