

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036539.D
 Acq On : 4 Sep 2018 19:46
 Operator : JU/SJ
 Sample : PB112577BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Manual Integrations
 APPROVED

Sohil
 9/5/2018 3:13:08 PM

Quant Time: Sep 05 05:17:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63477	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	260024	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168987	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	429081	20.00	ng	0.00
75) Chrysene-d12	21.70	240	451289	20.00	ng	0.00
86) Perylene-d12	24.90	264	474260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	495376	123.79	ng	0.00
7) Phenol-d6	7.22	99	693475	121.04	ng	0.00
23) Nitrobenzene-d5	9.22	82	413160	86.21	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	288130	142.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	951569	80.40	ng	0.00
78) Terphenyl-d14	20.03	244	1631946	84.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	59318	31.763	ng	99
3) Pyridine	3.93	79	180444	34.423	ng	97
4) n-Nitrosodimethylamine	3.85	42	98614	42.237	ng	98
6) Aniline	7.38	93	258646	35.566	ng	98
8) 2-Chlorophenol	7.63	128	191415	44.110	ng	99
9) Benzaldehyde	7.20	77	92610	23.473	ng	100
10) Phenol	7.24	94	267003	44.533	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	184084	38.728	ng	99
12) 1,3-Dichlorobenzene	7.95	146	196765	39.710	ng	100
13) 1,4-Dichlorobenzene	8.10	146	196548	39.288	ng	100
14) 1,2-Dichlorobenzene	8.41	146	189280	39.617	ng	97
15) Benzyl Alcohol	8.29	79	194812	42.180	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	359432	37.496	ng	99
17) 2-Methylphenol	8.49	107	178888	44.934	ng	98
18) Hexachloroethane	9.14	117	71337	39.772	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	158180	36.942	ng	95
20) 3+4-Methylphenols	8.82	107	245889	44.239	ng	97
22) Acetophenone	8.88	105	298205	43.673	ng	# 98
24) Nitrobenzene	9.26	77	234586	45.393	ng	98
25) Isophorone	9.79	82	446752	46.925	ng	98
26) 2-Nitrophenol	9.98	139	98260	47.982	ng	96
27) 2,4-Dimethylphenol	10.03	122	200648	52.922	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	260292	44.548	ng	98
29) 2,4-Dichlorophenol	10.51	162	208457	50.168	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	211291	43.468	ng	97
31) Naphthalene	10.92	128	605061	46.549	ng	99
32) Benzoic acid	10.16	122	113451	41.074	ng	96
33) 4-Chloroaniline	11.02	127	185887	31.208	ng	99
34) Hexachlorobutadiene	11.20	225	140004	42.868	ng	96
35) Caprolactam	11.79	113	78314m	47.312	ng	
36) 4-Chloro-3-methylphenol	12.13	107	234158	48.499	ng	99
37) 2-Methylnaphthalene	12.51	142	474535	49.894	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	269610	45.083	ng	98
40) Hexachlorocyclopentadiene	12.86	237	338884	108.912	ng	100

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 9/5/2018 3:13:08 PM

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 QLast Update : Fri Aug 31 13:03:20 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	178107	48.892	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	195432	50.298	ng	97
45) 1,1'-Biphenyl	13.52	154	604876	43.121	ng	99
46) 2-Chloronaphthalene	13.56	162	463902	43.320	ng	98
47) 2-Nitroaniline	13.76	65	160351	47.685	ng	96
48) Acenaphthylene	14.41	152	792111	47.330	ng	100
49) Dimethylphthalate	14.14	163	616356	44.667	ng	98
50) 2,6-Dinitrotoluene	14.25	165	132757	46.755	ng	99
51) Acenaphthene	14.75	154	465602	43.440	ng	99
52) 3-Nitroaniline	14.58	138	115543	37.761	ng	99
53) 2,4-Dinitrophenol	14.79	184	114823	106.762	ng	97
54) Dibenzofuran	15.08	168	748473	44.573	ng	99
55) 4-Nitrophenol	14.89	139	237800	95.051	ng	99
56) 2,4-Dinitrotoluene	15.04	165	191505	51.750	ng	92
57) Fluorene	15.73	166	600907	47.869	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	196533	53.836	ng	97
59) Diethylphthalate	15.50	149	619477	44.547	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	343458	44.309	ng	98
61) 4-Nitroaniline	15.75	138	159297	49.751	ng	98
62) Azobenzene	16.02	77	615294	43.486	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	94868	50.331	ng	98
65) n-Nitrosodiphenylamine	15.93	169	556935	43.683	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	228251	45.435	ng	96
67) Hexachlorobenzene	16.73	284	231687	45.103	ng	96
68) Atrazine	16.88	200	234731	49.050	ng	99
69) Pentachlorophenol	17.07	266	287812	82.439	ng	99
70) Phenanthrene	17.47	178	1039207	47.664	ng	99
71) Anthracene	17.56	178	1048553	48.246	ng	98
72) Carbazole	17.82	167	947755	43.665	ng	100
73) Di-n-butylphthalate	18.39	149	1080772	44.715	ng	99
74) Fluoranthene	19.48	202	1294962	48.715	ng	99
76) Benzidine	19.65	184	609950	42.363	ng	99
77) Pyrene	19.83	202	1275174	45.950	ng	98
79) Butylbenzylphthalate	20.72	149	512528	46.406	ng	94
80) Benzo(a)anthracene	21.67	228	1297668	47.464	ng	97
81) 3,3'-Dichlorobenzidine	21.59	252	348769	32.009	ng	99
82) Chrysene	21.74	228	1218443	47.018	ng	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	696177	45.046	ng	98
84) Di-n-octyl phthalate	22.80	149	1199022	46.448	ng	98
85) Indeno(1,2,3-cd)pyrene	28.57	276	1494220	49.643	ng	# 95
87) Benzo(b)fluoranthene	23.89	252	1309032	49.706	ng	97
88) Benzo(k)fluoranthene	23.96	252	1278397	49.687	ng	99
89) Benzo(a)pyrene	24.76	252	1276440	50.439	ng	99
90) Dibenzo(a,h)anthracene	28.63	278	1201416	49.176	ng	98
91) Benzo(g,h,i)perylene	29.71	276	1242764	50.619	ng	96

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

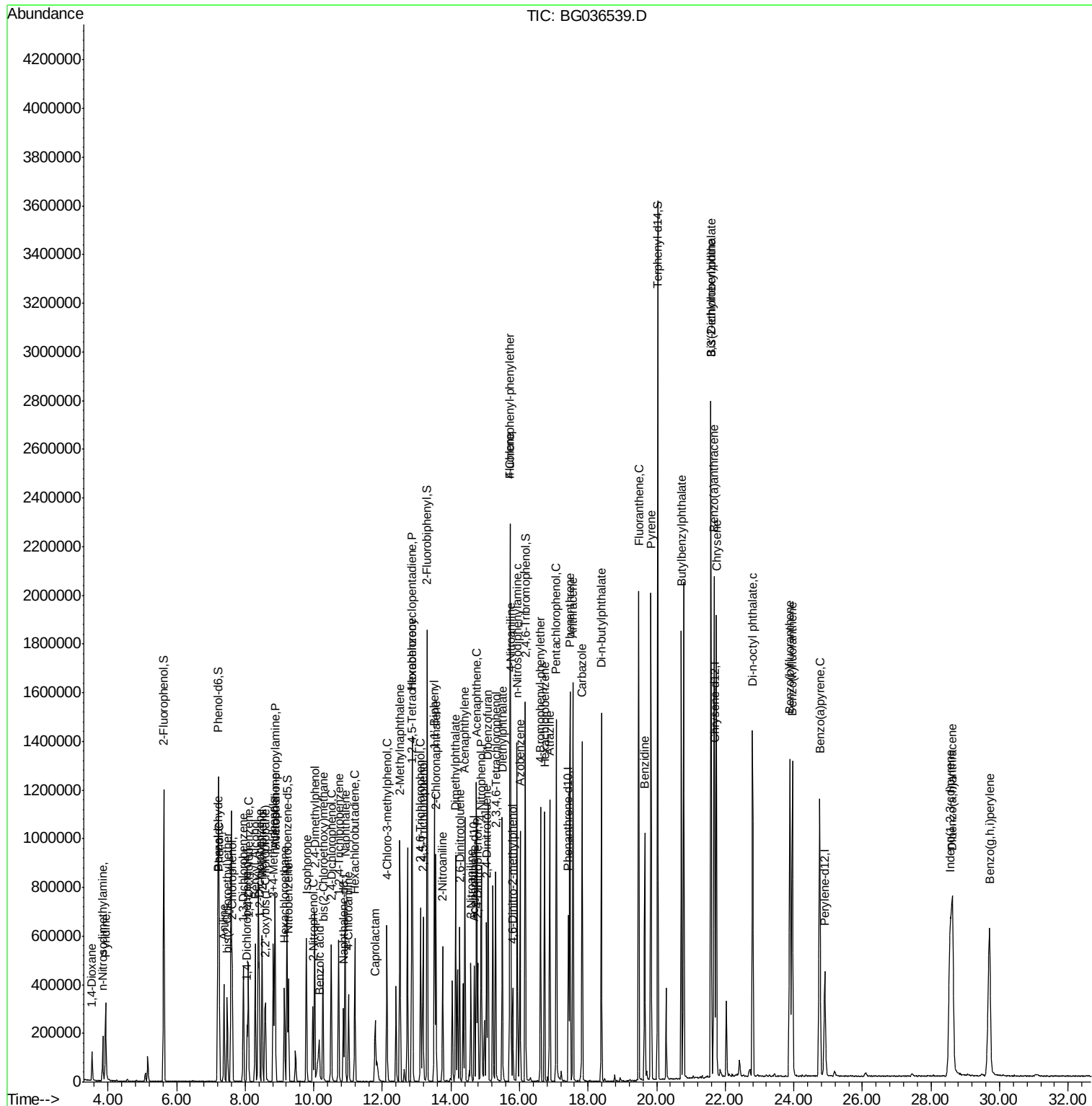
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
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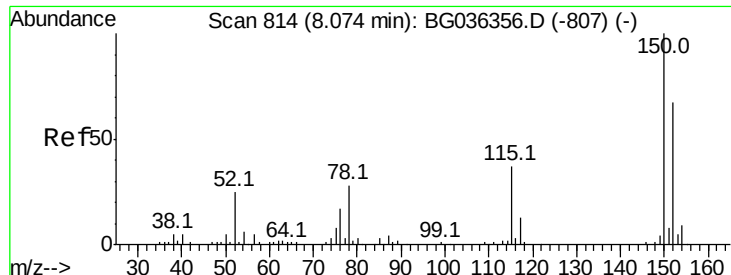
Instrument :
BNA_G
ClientSampleId :
PB112577BS

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#1

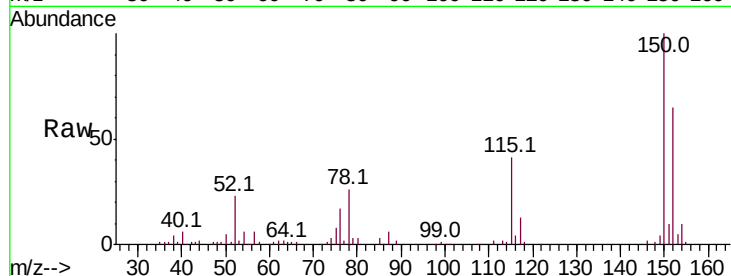
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	62.2	44.5	66.7

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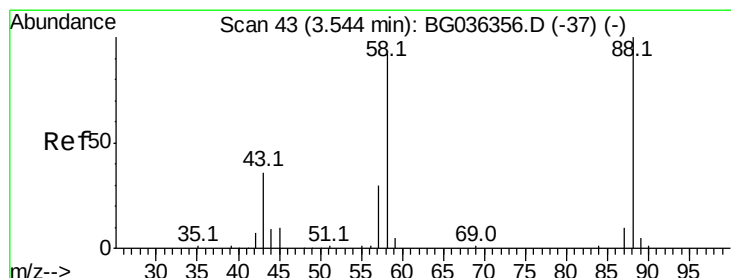
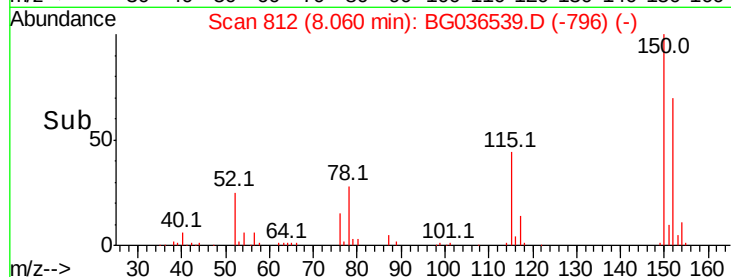
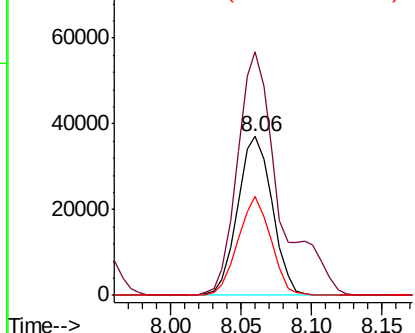


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

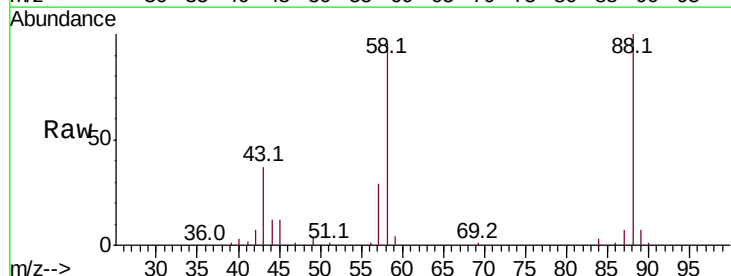
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.763 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.8	72.6	109.0
43	35.0	29.0	43.4

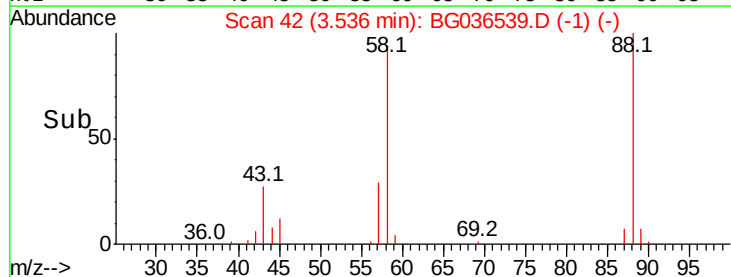
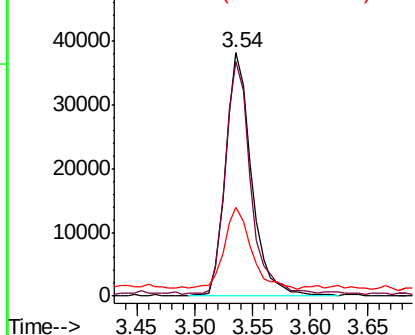


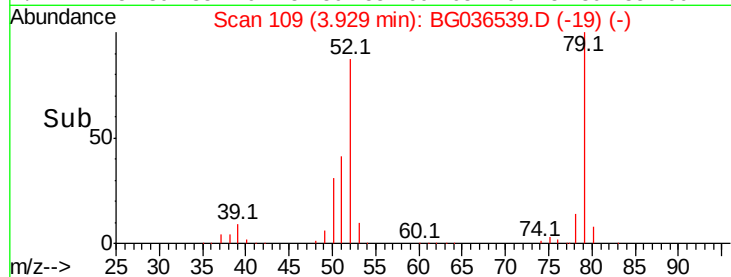
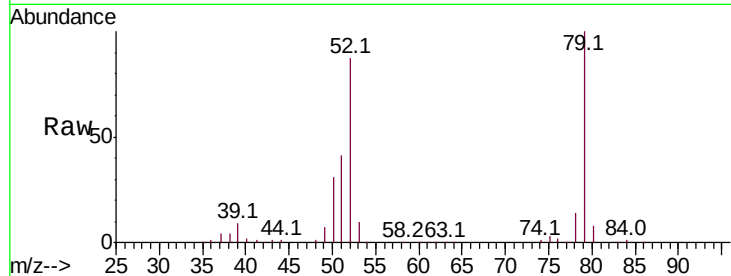
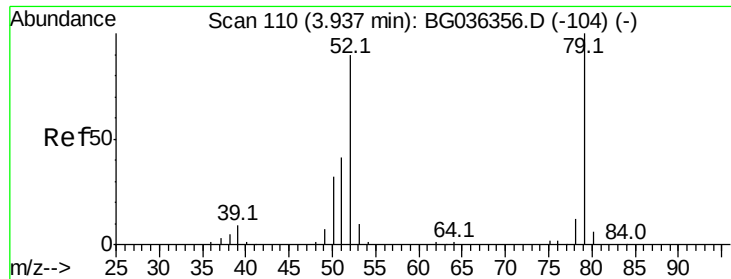
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.423 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tot Ion:	79	Resp:	180444
Ion	Ratio	Lower	Upper
79	100		
52	87.5	72.3	108.5
51	41.3	33.8	50.6

Instrument :

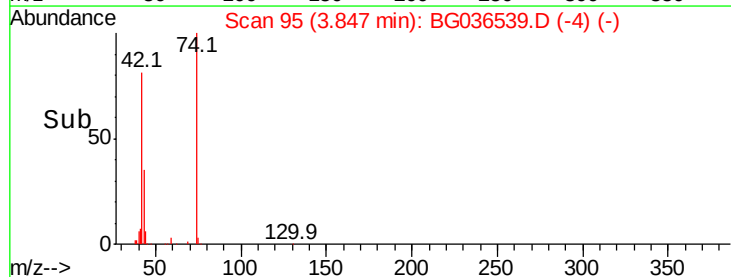
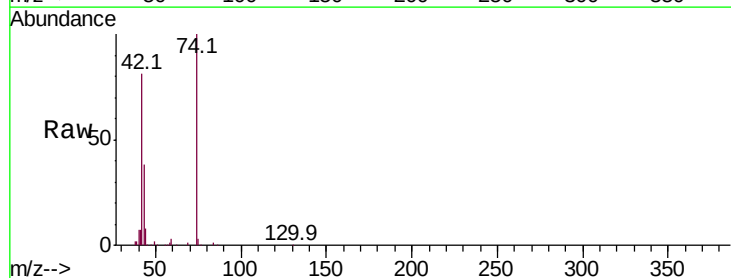
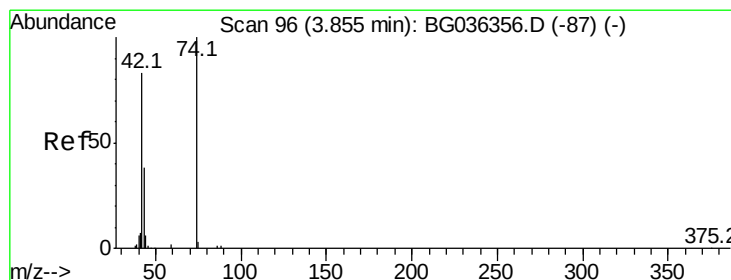
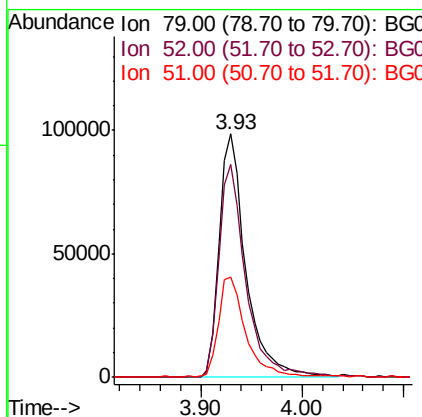
BNA_G

ClientSampleId :

PB112577BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.237 ng

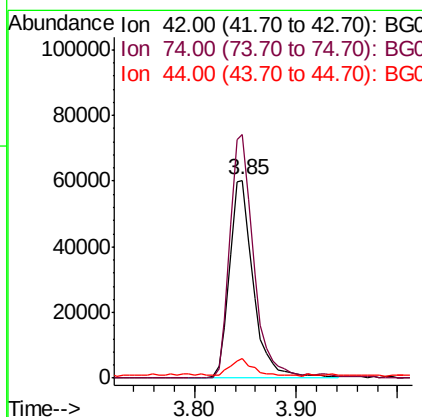
RT: 3.85 min Scan# 95

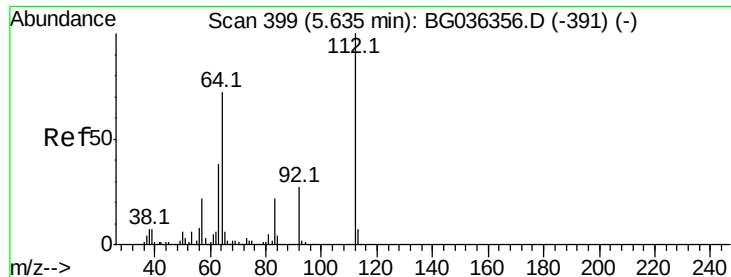
Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	42	Resp:	98614
Ion	Ratio	Lower	Upper
42	100		
74	122.9	96.6	145.0
44	9.6	7.0	10.4





#5

2-Fluorophenol

Concen: 123.795 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

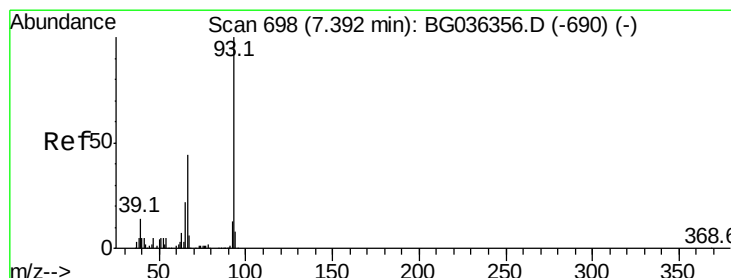
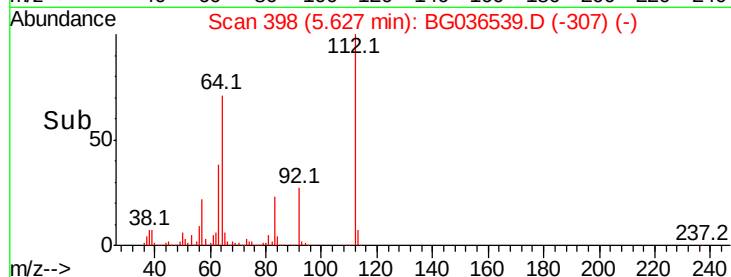
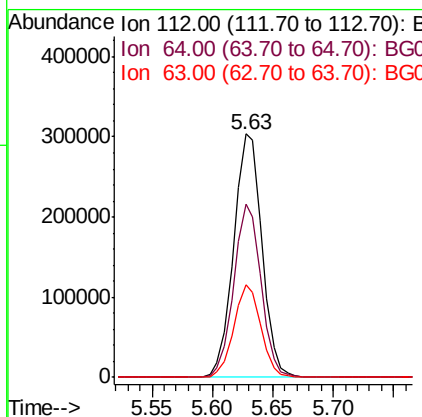
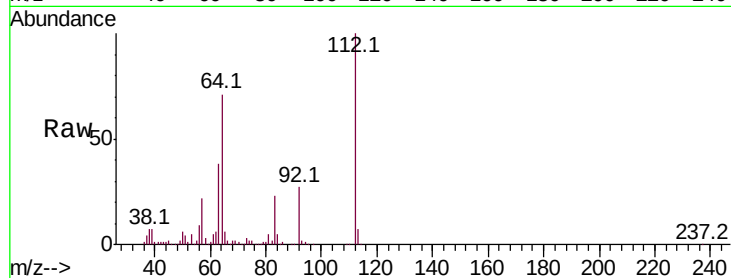
ClientSampleId :

PB112577BS

Tot Ion:	112	Resp:	495376
Ion Ratio	Lower	Upper	
112	100		
64	71.3	57.2	85.8
63	38.1	30.8	46.2

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#6

Aniline

Concen: 35.566 ng

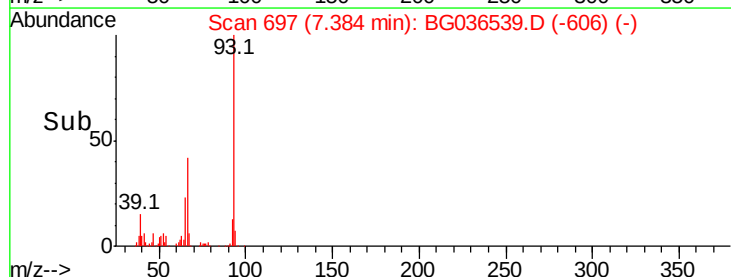
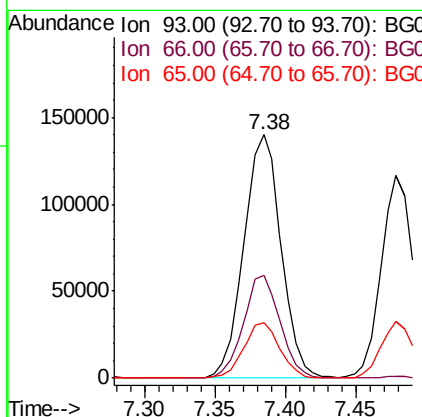
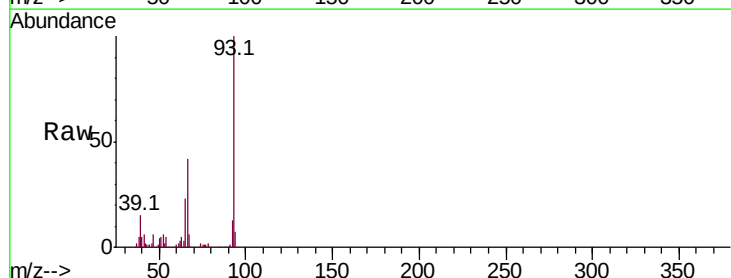
RT: 7.38 min Scan# 697

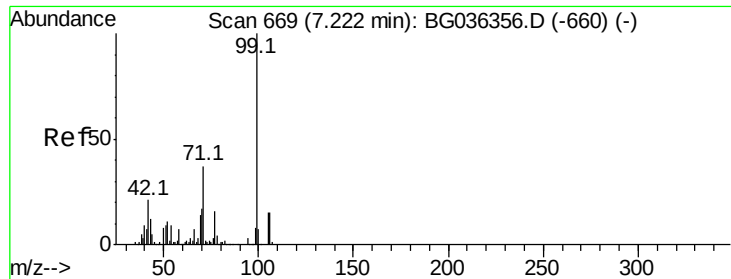
Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	93	Resp:	258646
Ion Ratio	Lower	Upper	
93	100		
66	42.4	35.0	52.4
65	22.7	17.6	26.4





#7

Phenol-d6

Concen: 121.040 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

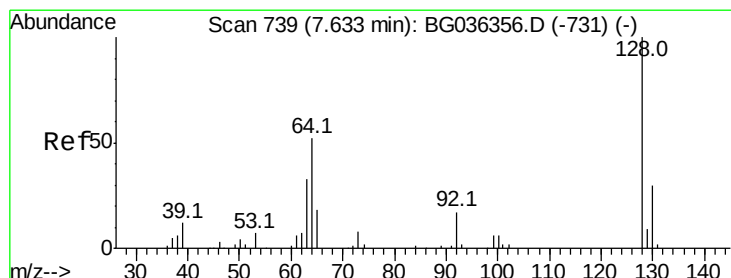
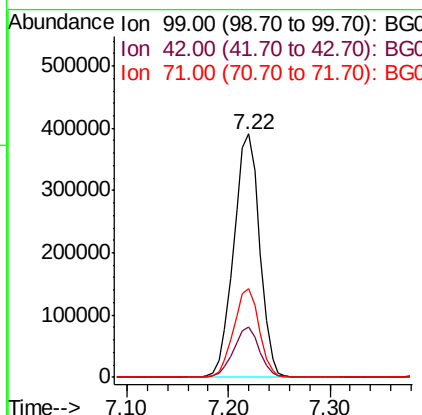
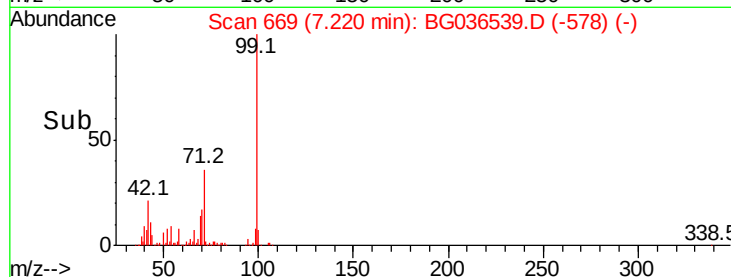
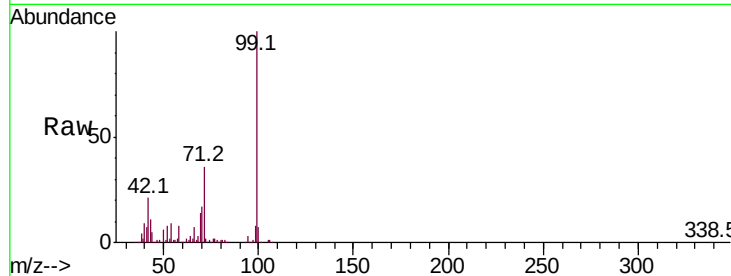
ClientSampled :

PB112577BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		693475		
42	20.7	16.5	24.7		
71	36.3	29.4	44.2		

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#8

2-Chlorophenol

Concen: 44.110 ng

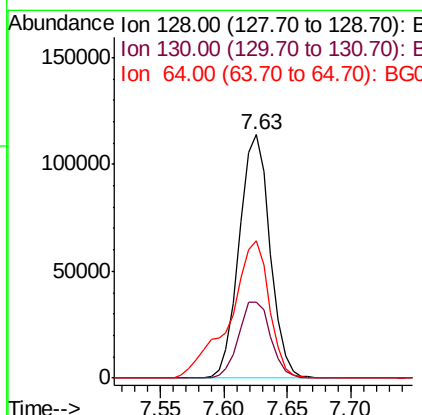
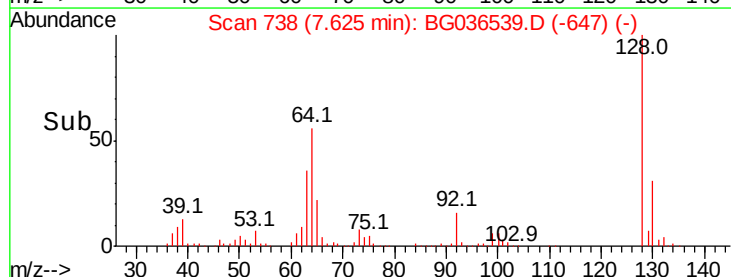
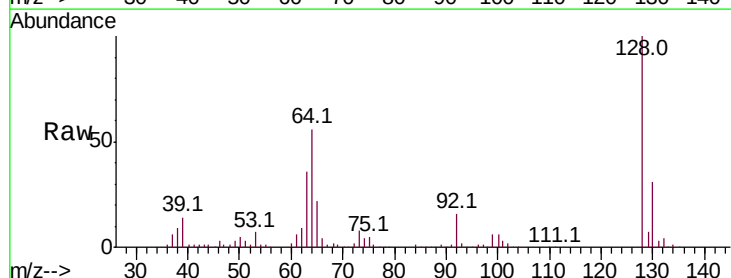
RT: 7.63 min Scan# 738

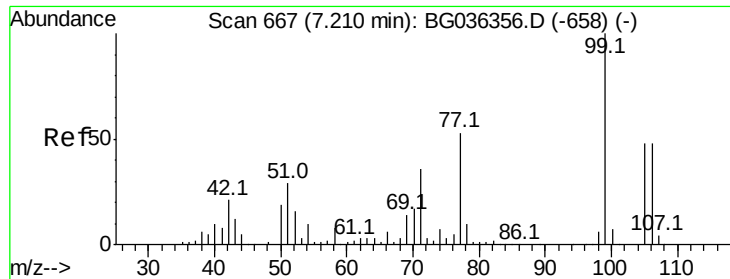
Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		191415		
130	31.3	10.0	50.0		
64	56.5	36.0	76.0		





#9

Benzaldehyde

Concen: 23.473 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

PB112577BS

Tot Ion: 77 Resp: 92610

Ion Ratio Lower Upper

77 100

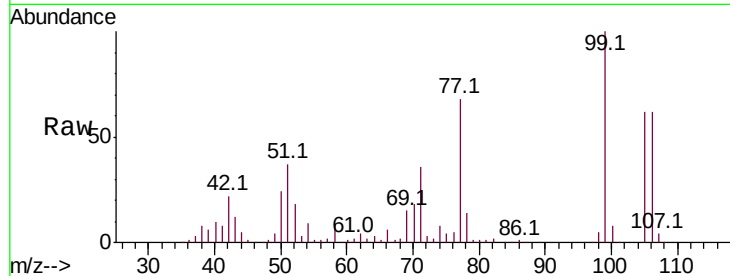
105 90.8 70.5 110.5

106 90.0 69.8 109.8

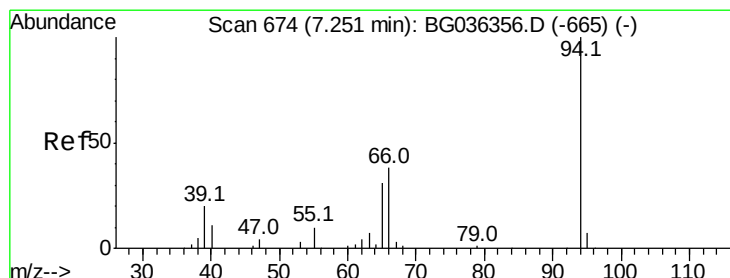
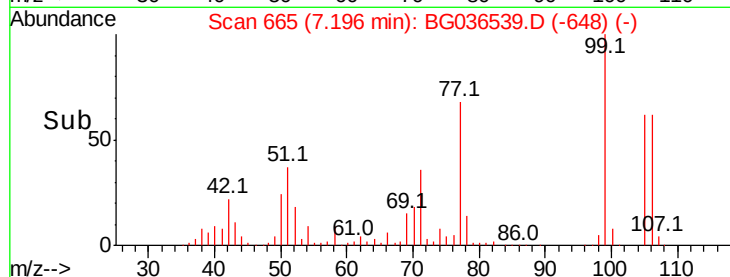
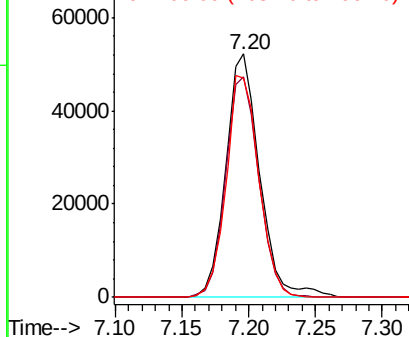
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.533 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

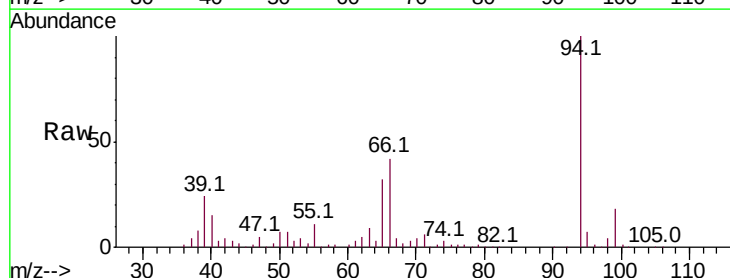
Tgt Ion: 94 Resp: 267003

Ion Ratio Lower Upper

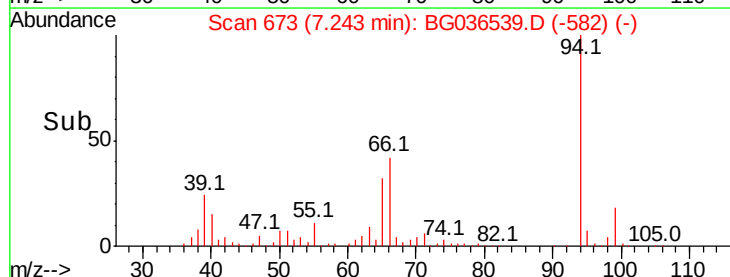
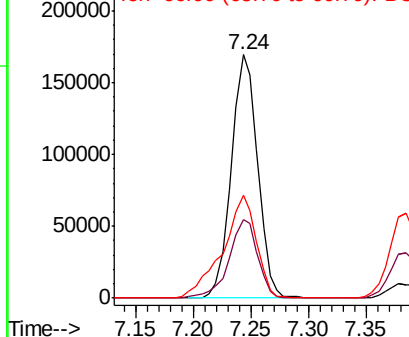
94 100

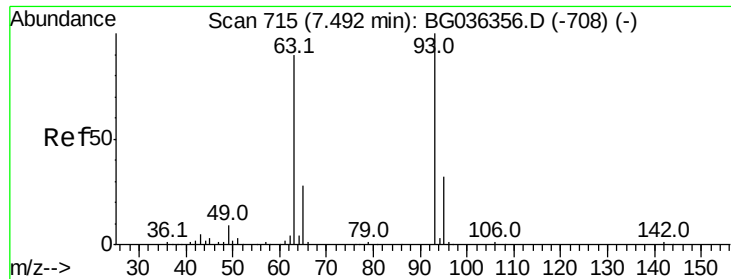
65 32.1 11.5 51.5

66 42.2 19.5 59.5



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





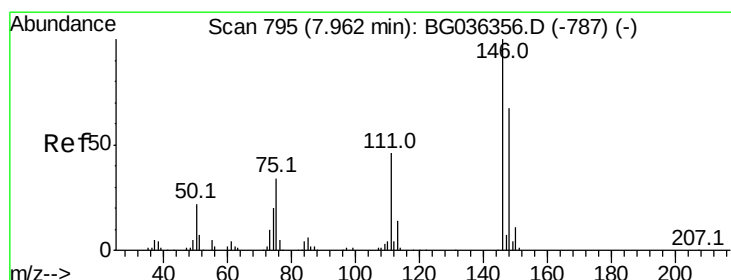
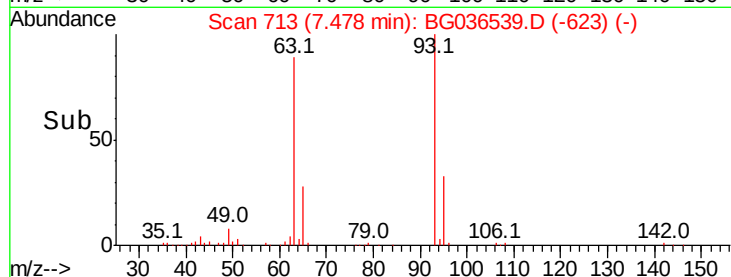
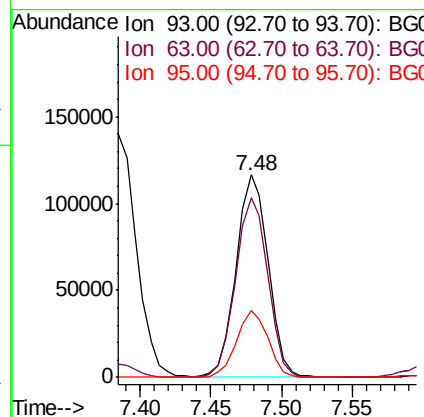
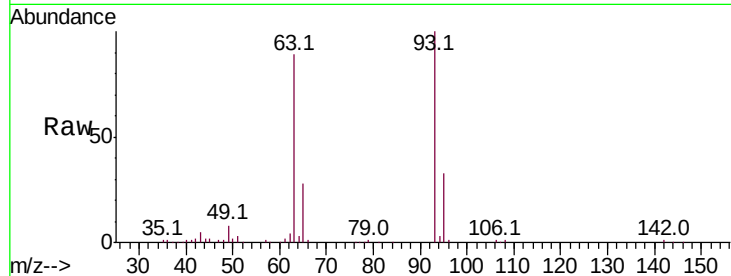
#11
bis(2-Chloroethyl)ether
Concen: 38.728 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	93	Ratio	100	Resp	184084	Lower	Upper
93	100						
63	89.1			69.9	109.9		
95	33.2			11.7	51.7		

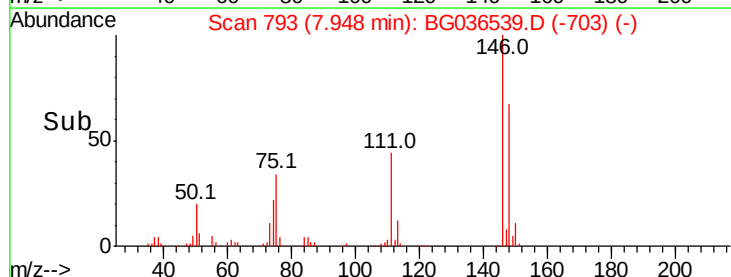
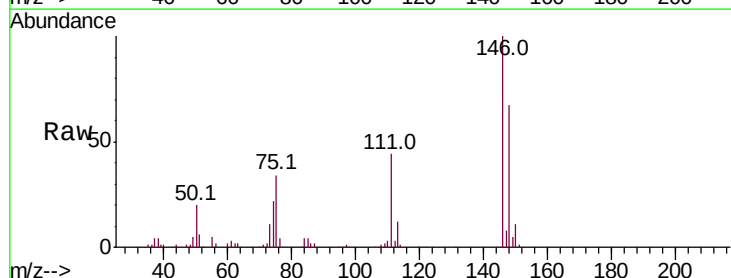
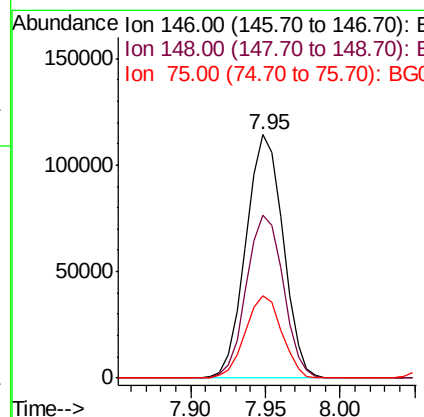
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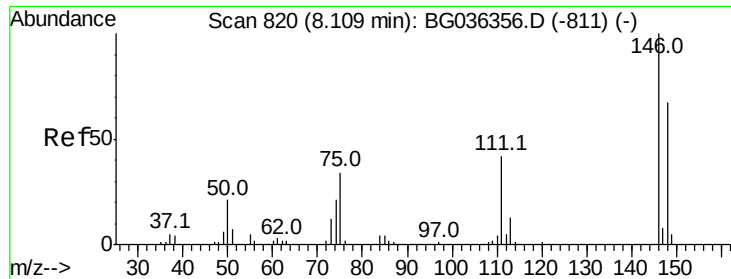
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.710 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	146	Ratio	100	Resp	196765	Lower	Upper
146	100						
148	67.0			53.8	80.6		
75	33.6			27.2	40.8		





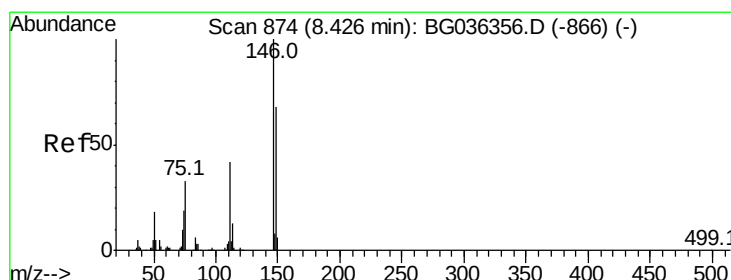
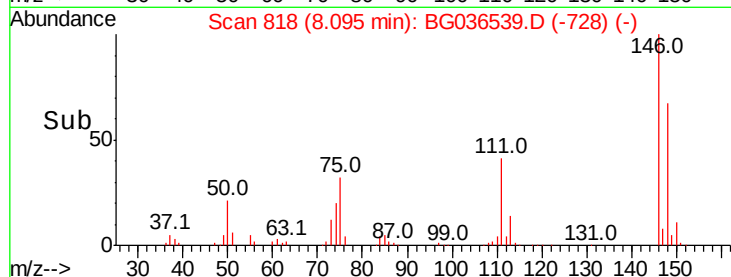
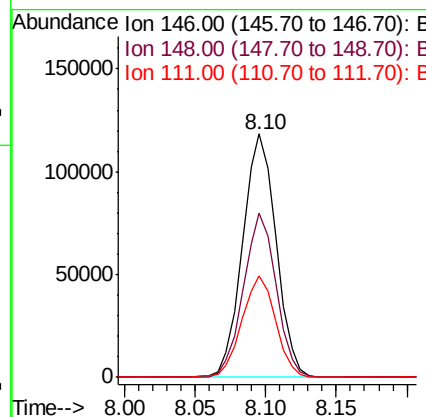
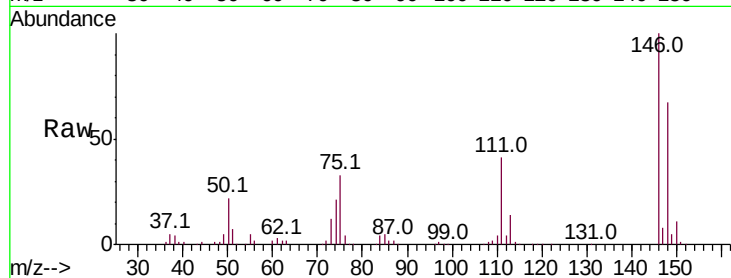
#13
 1,4-Dichlorobenzene
 Concen: 39.288 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.9	80.9
111	41.5	33.8	50.6

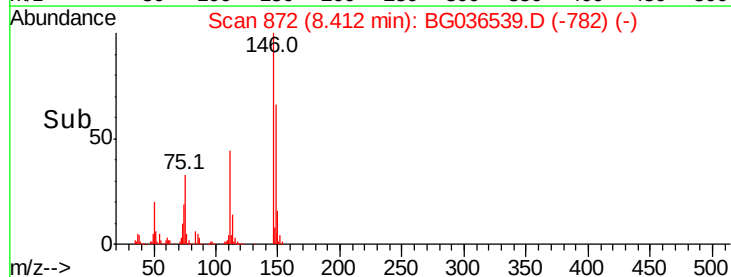
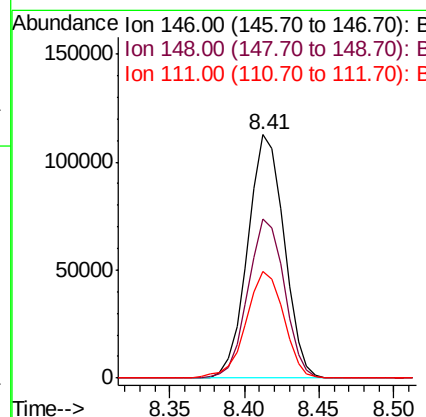
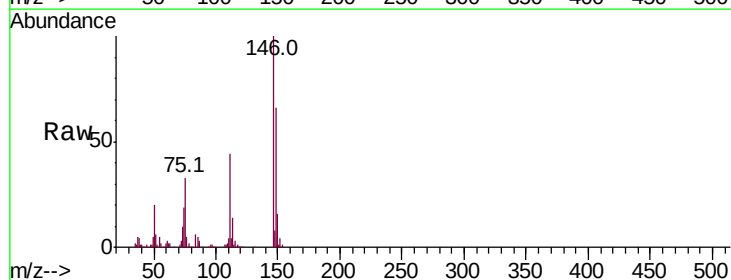
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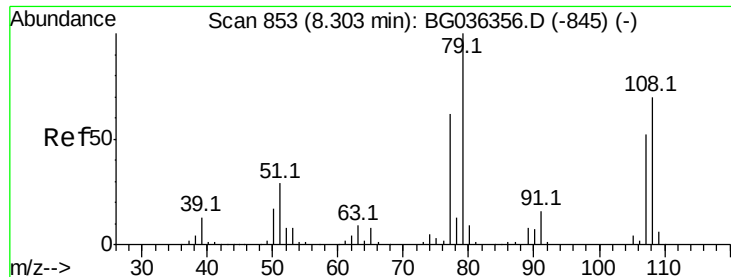
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#14
 1,2-Dichlorobenzene
 Concen: 39.617 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	55.0	82.6
111	43.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.180 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

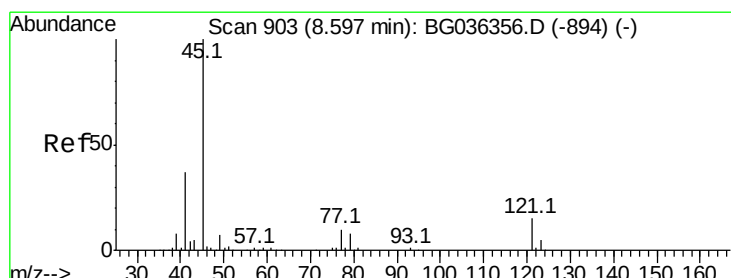
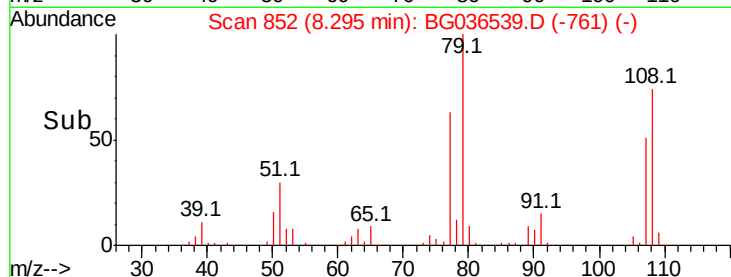
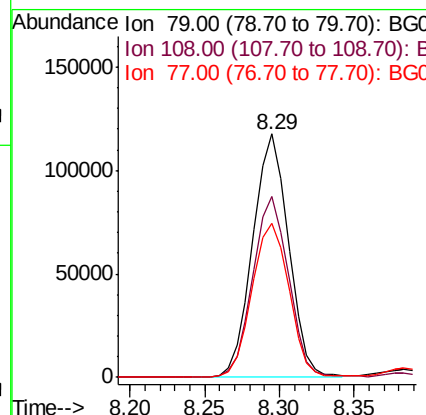
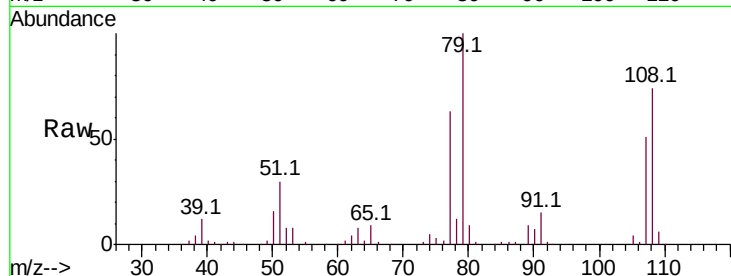
ClientSampled :

PB112577BS

Tot Ion:	79	Resp:	194812
Ion Ratio	Lower	Upper	
79	100		
108	74.3	55.9	83.9
77	63.2	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.496 ng

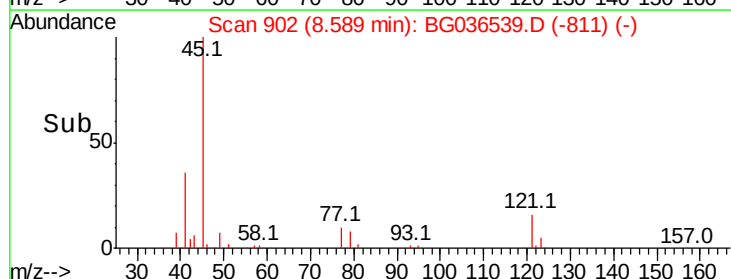
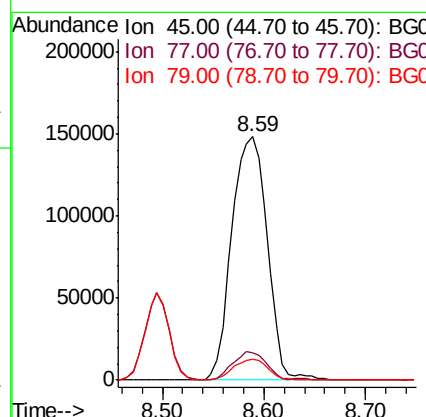
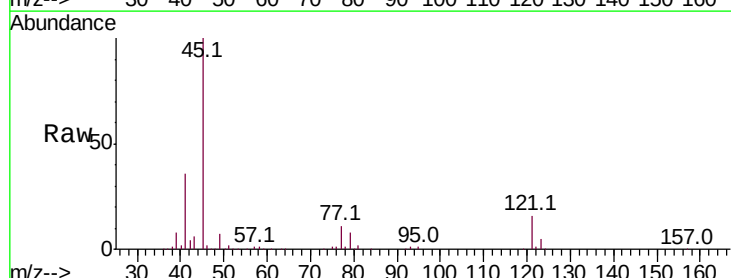
RT: 8.59 min Scan# 902

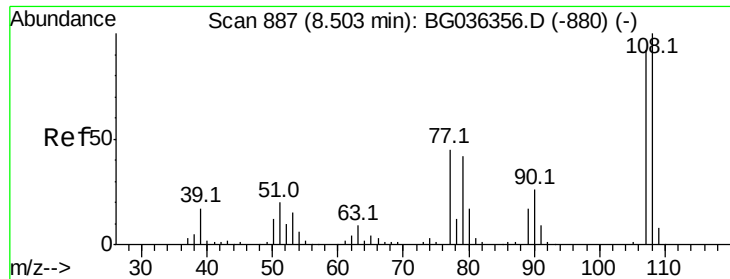
Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	45	Resp:	359432
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.5
79	8.5	0.0	27.9





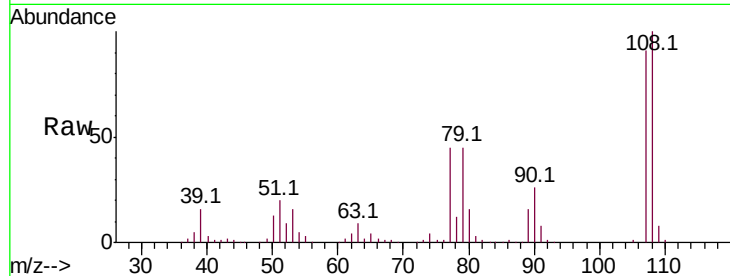
#17
2-Methylphenol
Concen: 44.934 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion:	107	Resp:	178888
Ion Ratio	Lower	Upper	
107	100		
108	109.5	86.7	130.1
77	49.4	39.0	58.4
79	49.0	36.6	54.8

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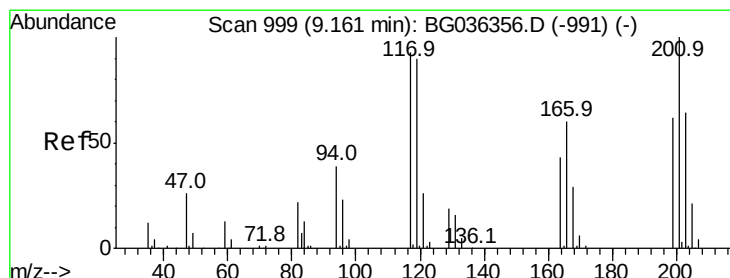
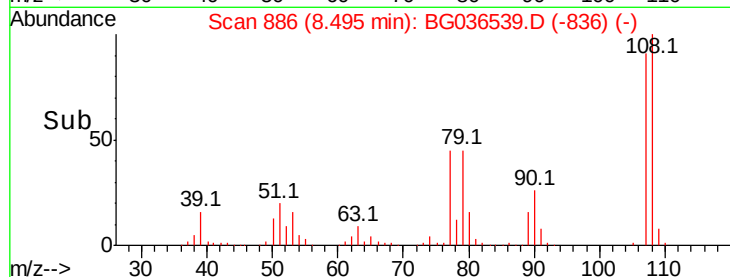
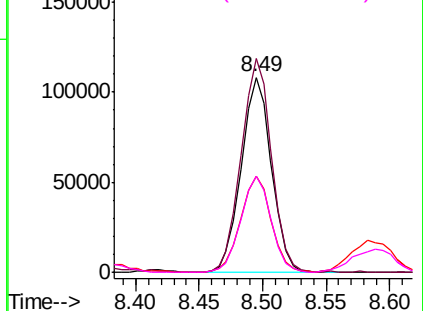
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.772 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

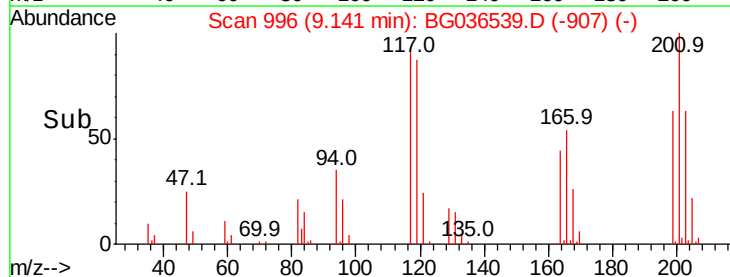
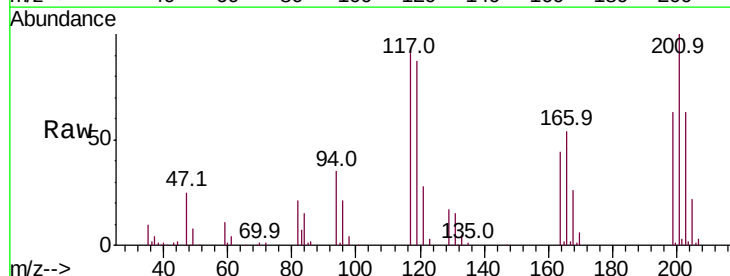
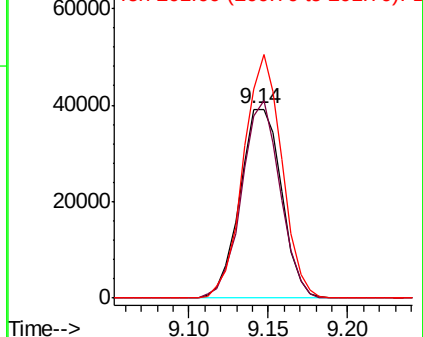
Tgt Ion:	117	Resp:	71337
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.8	115.2
201	110.4	85.7	128.5

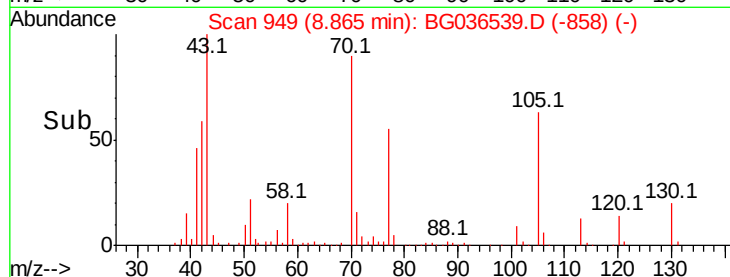
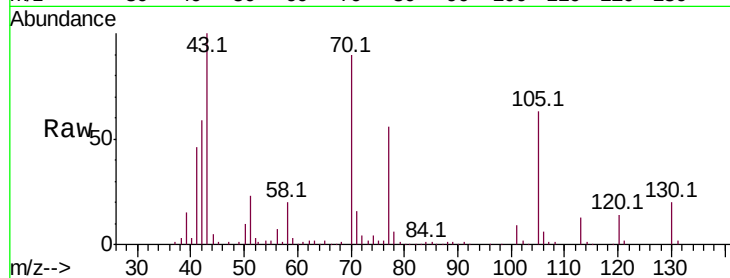
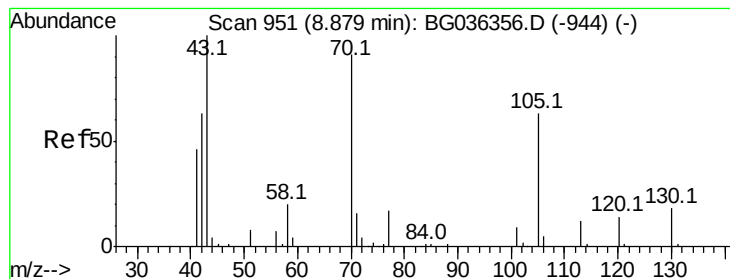
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.942 ng

RT: 8.86 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampled :

PB112577BS

Tot Ion: 70 Resp: 158180

Ion Ratio Lower Upper

70 100

42 64.9 56.2 84.4

101 9.7 7.8 11.6

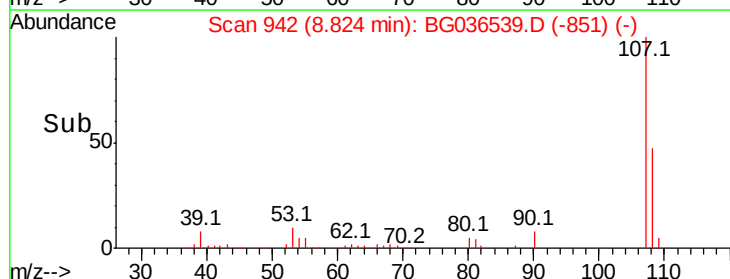
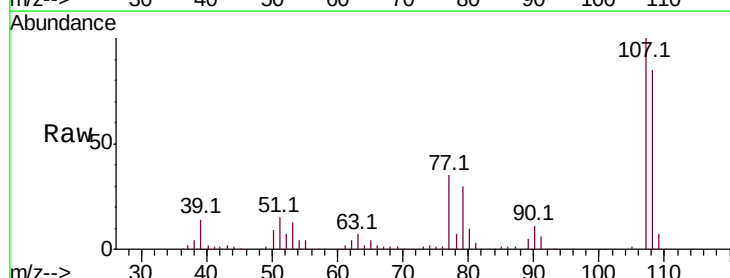
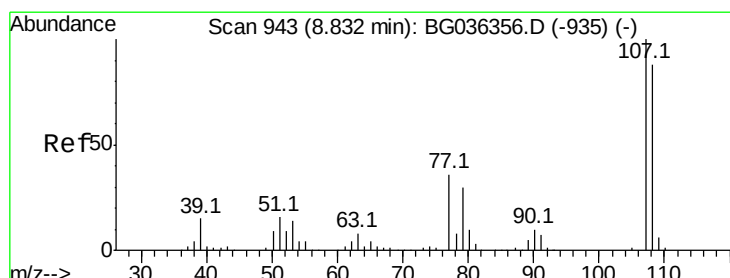
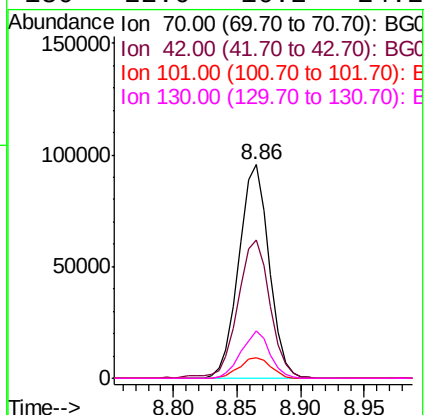
130 22.0 16.2 24.2

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#20

3+4-Methylphenols

Concen: 44.239 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion: 107 Resp: 245889

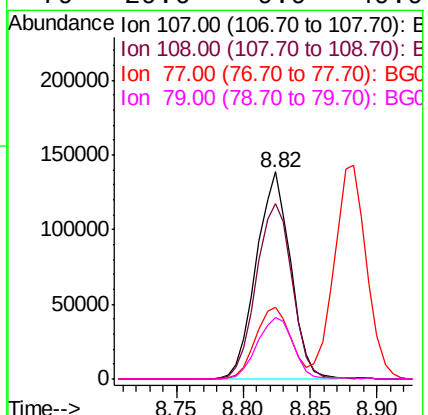
Ion Ratio Lower Upper

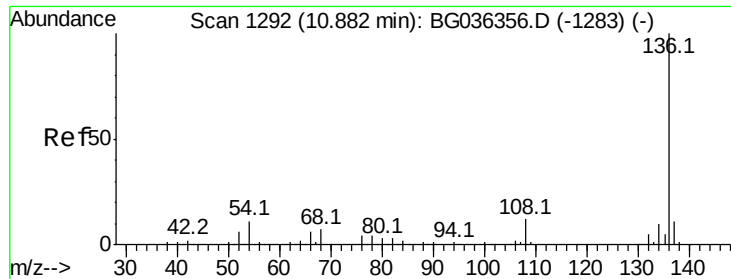
107 100

108 84.6 68.0 108.0

77 34.8 15.6 55.6

79 29.6 9.9 49.9





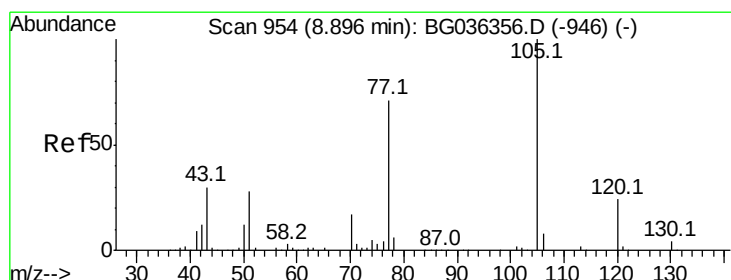
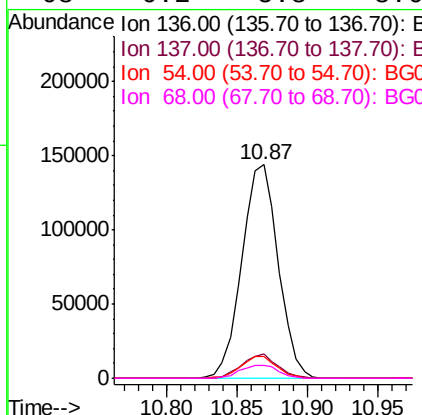
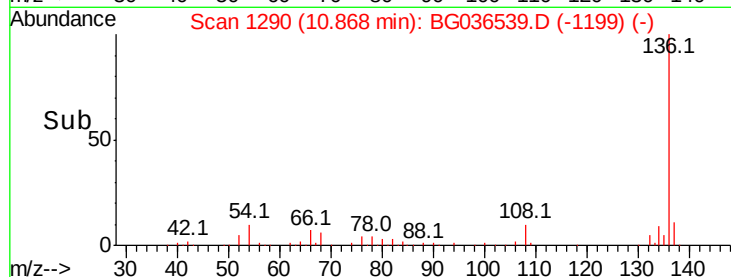
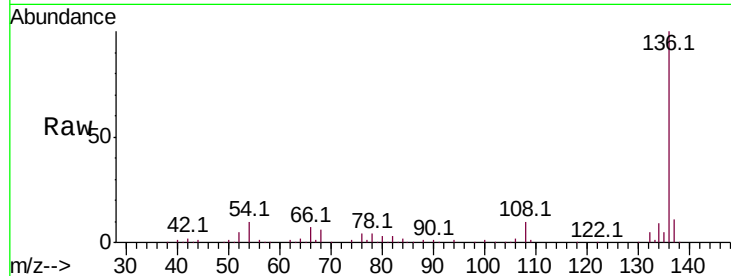
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	260024		
137	11.4		8.8	13.2
54	10.4		9.2	13.8
68	6.2		5.8	8.6

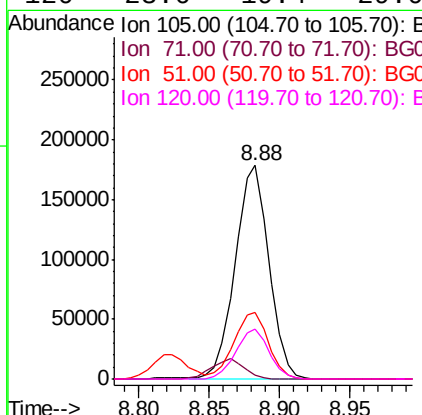
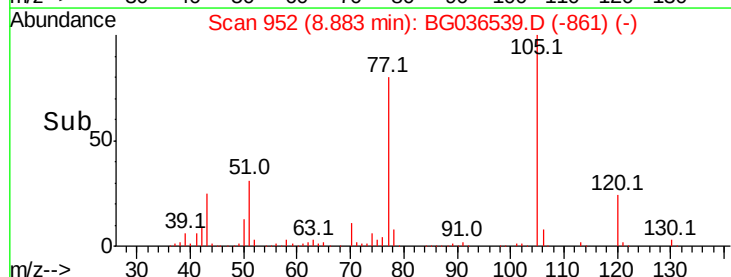
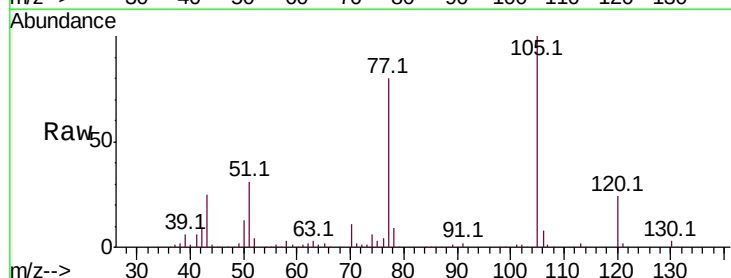
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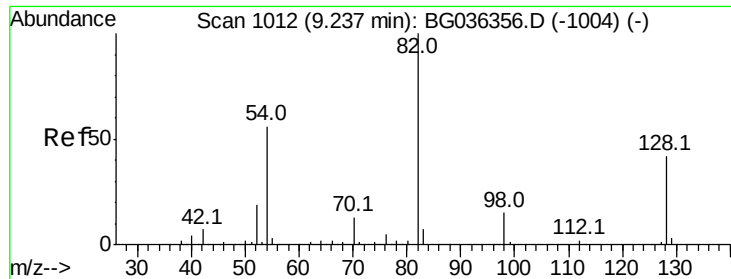
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#22
Acetophenone
Concen: 43.673 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	298205		
71	1.6		2.4	3.6#
51	31.2		25.9	38.9
120	23.6		19.4	29.0





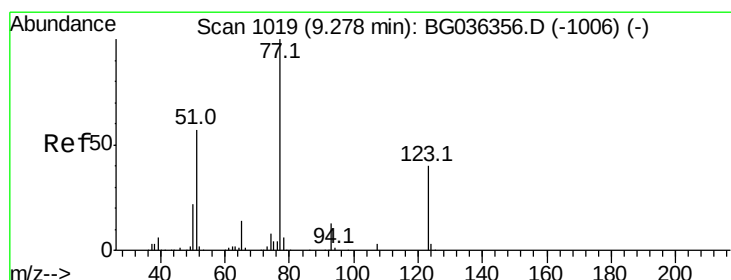
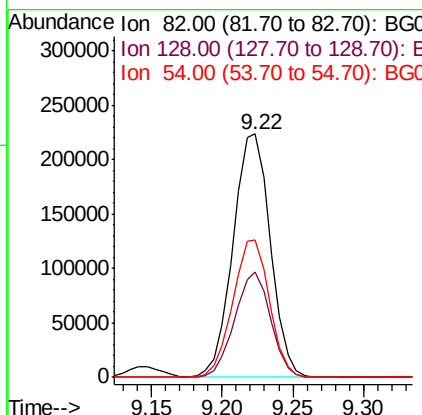
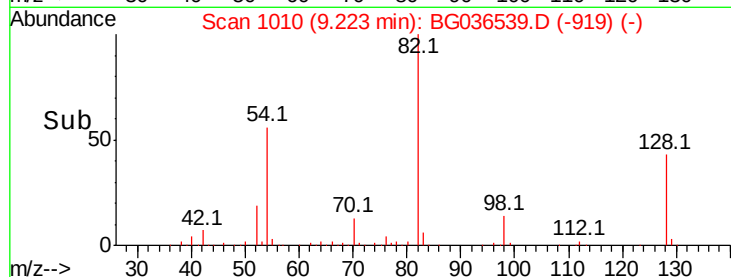
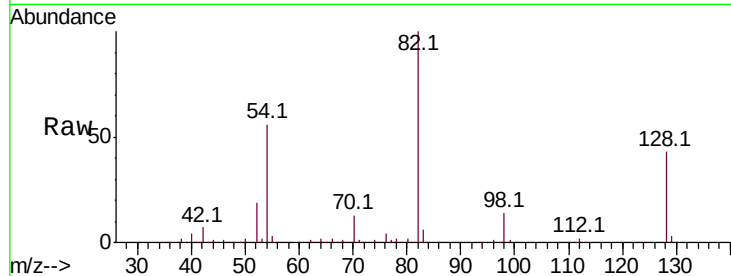
#23
 Nitrobenzene-d5
 Concen: 86.210 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampled :
 PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	33.3	49.9	
54	56.3	45.1	67.7	

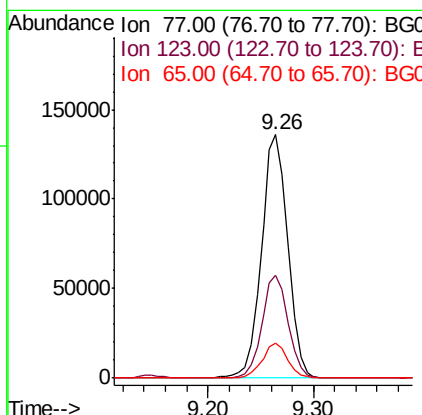
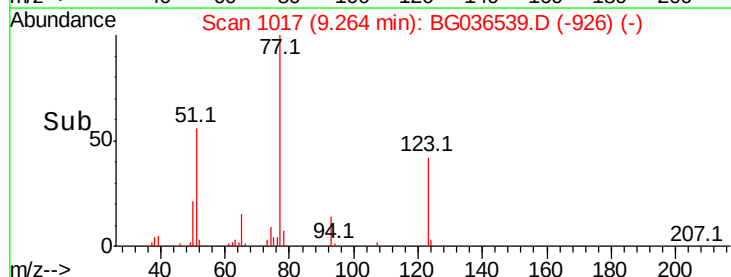
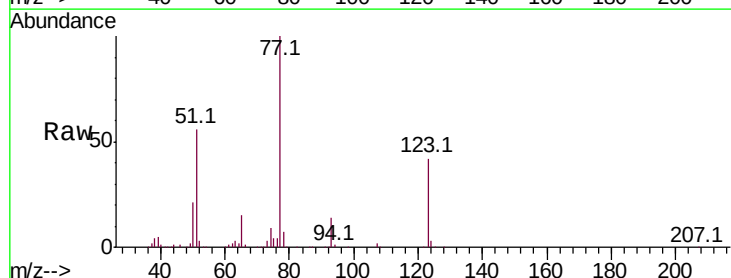
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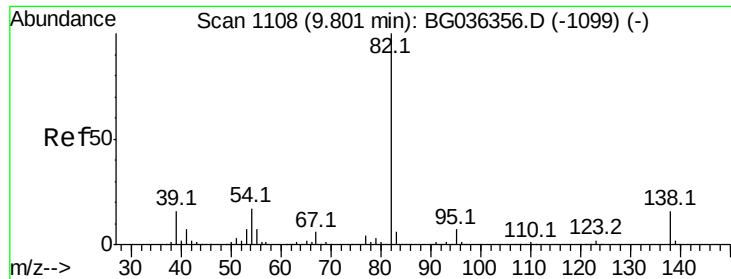
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#24
 Nitrobenzene
 Concen: 45.393 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.0	32.4	48.6	
65	14.5	11.5	17.3	





#25

Isophorone

Concen: 46.925 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

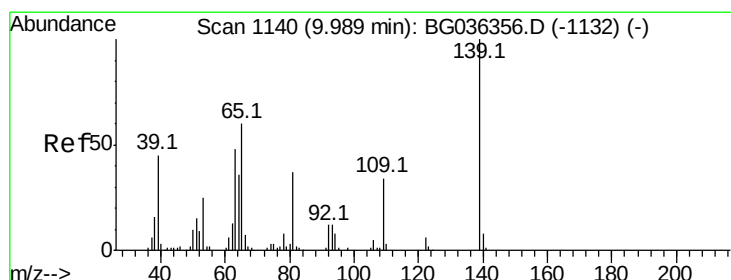
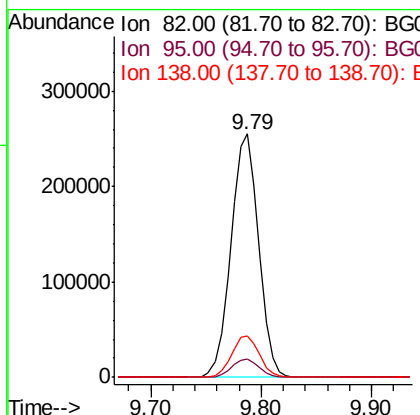
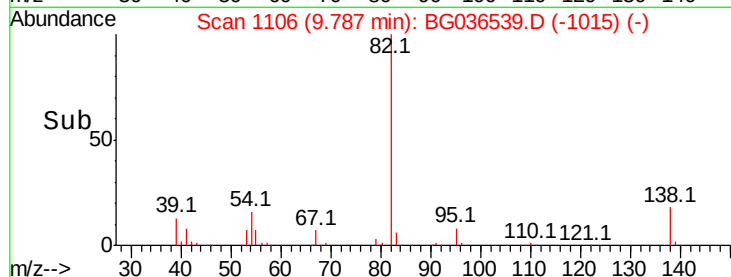
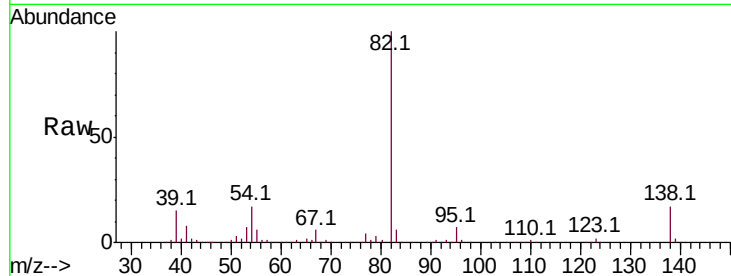
ClientSampleId :

PB112577BS

Tot Ion:	82	Resp:	446752
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.8
138	17.1	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.982 ng

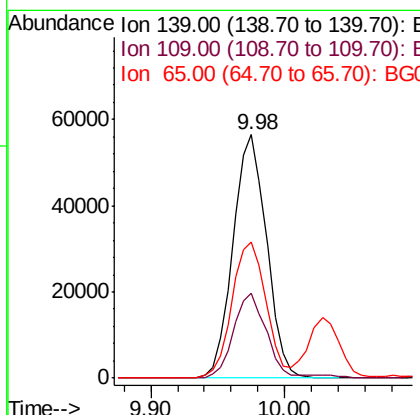
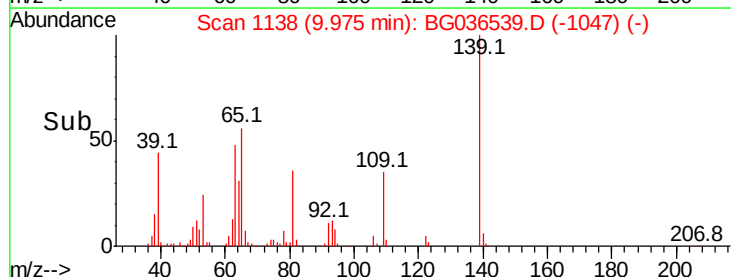
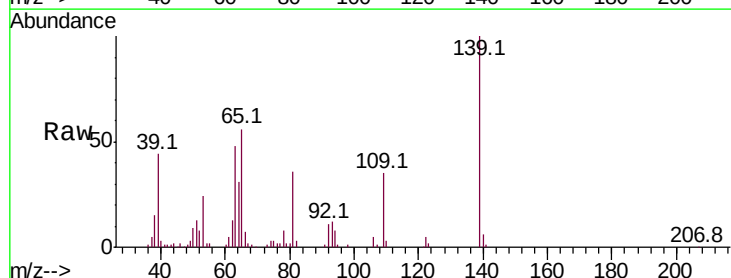
RT: 9.98 min Scan# 1138

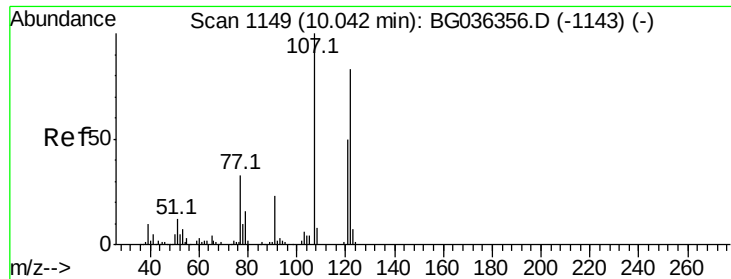
Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	139	Resp:	98260
Ion Ratio	Lower	Upper	
139	100		
109	35.0	27.4	41.0
65	55.8	47.8	71.6





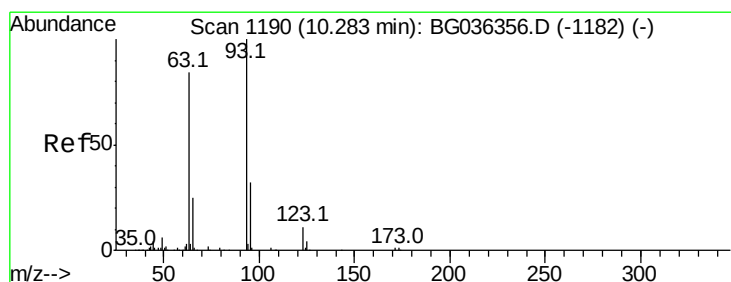
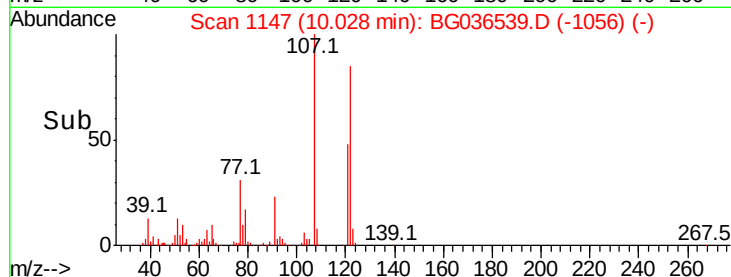
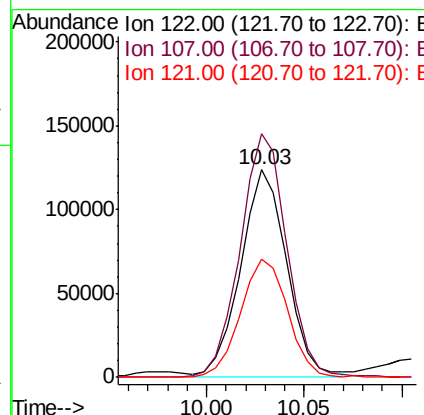
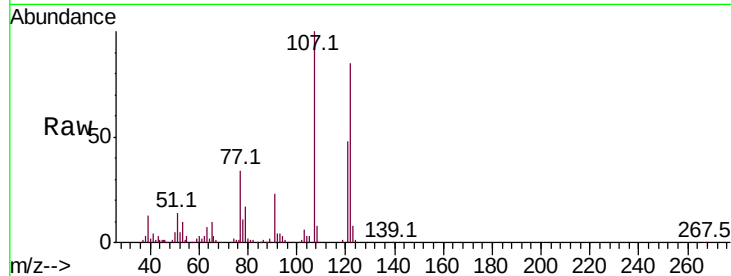
#27
2,4-Dimethylphenol
Concen: 52.922 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	200648		
107	117.2	96.0	144.0	
121	56.6	48.2	72.4	

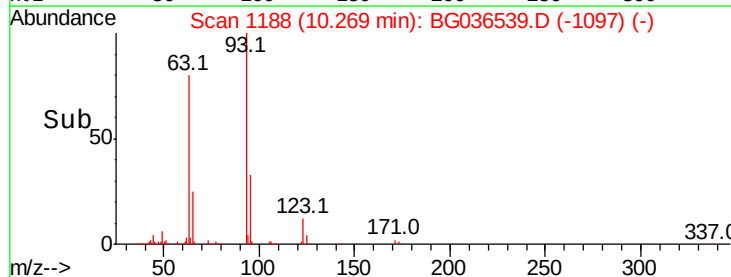
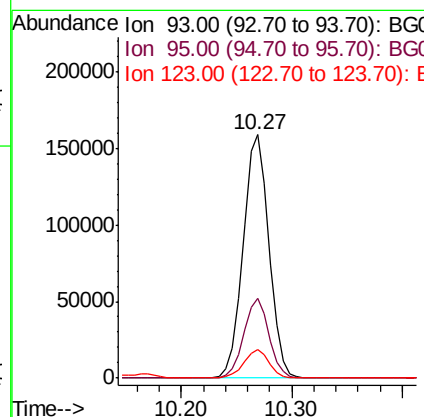
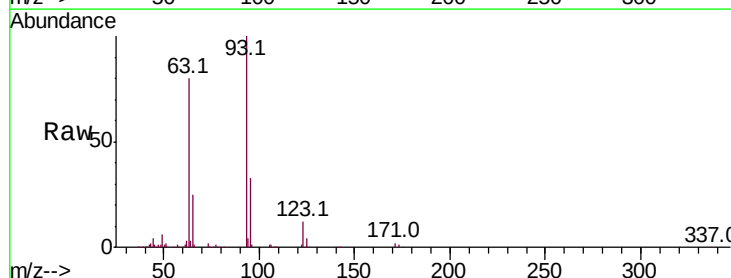
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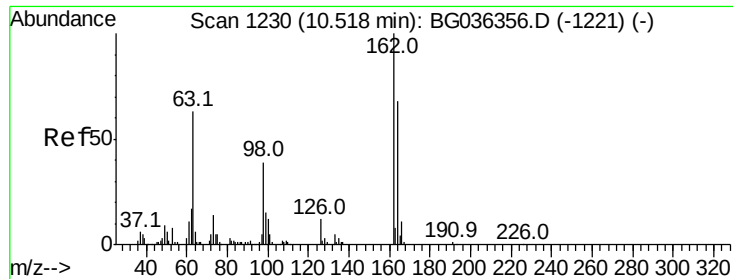
Sohil
9/5/2018 3:13:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.548 ng
RT: 10.27 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	260292		
95	32.7	25.2	37.8	
123	11.6	8.6	12.8	





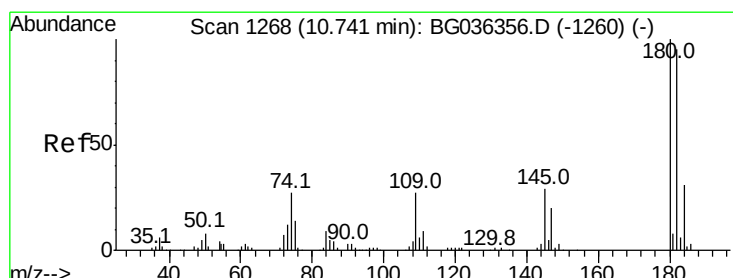
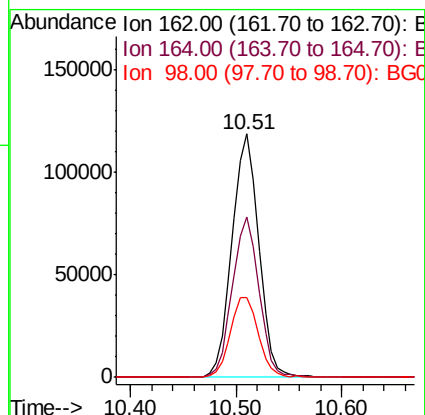
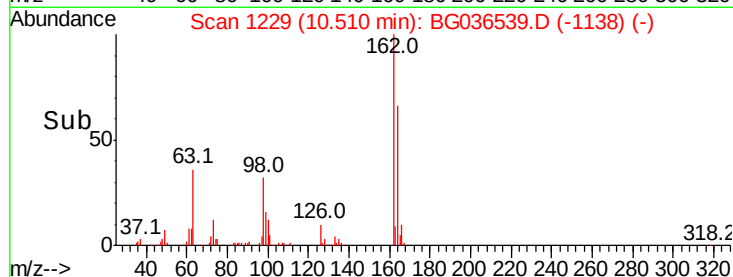
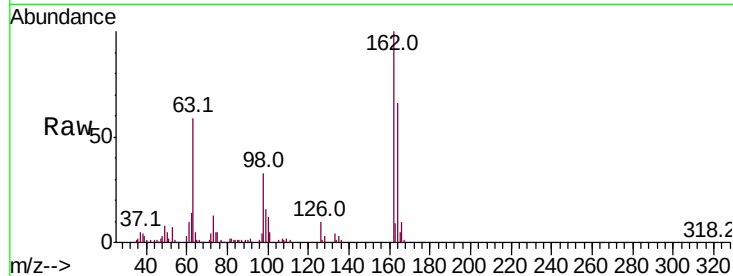
#29
2,4-Dichlorophenol
Concen: 50.168 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.0	47.6	87.6	
98	32.5	19.2	59.2	

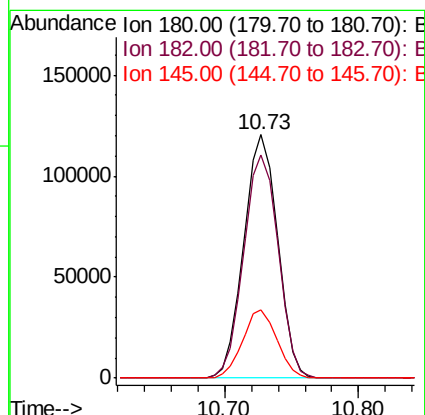
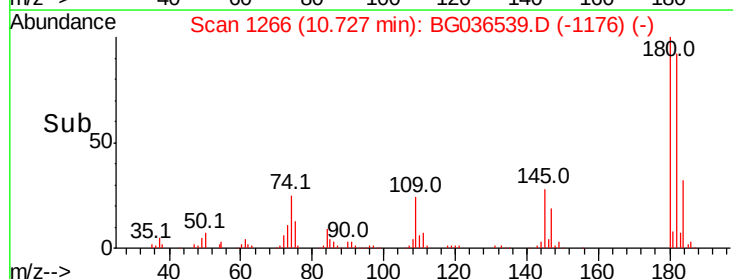
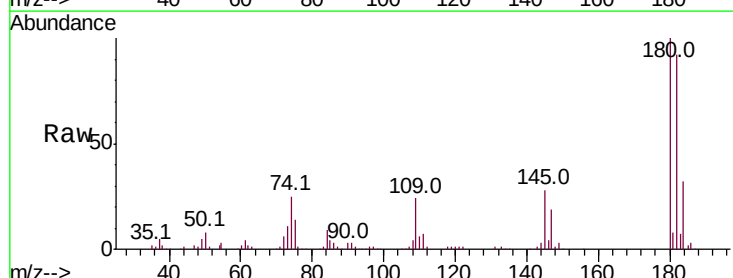
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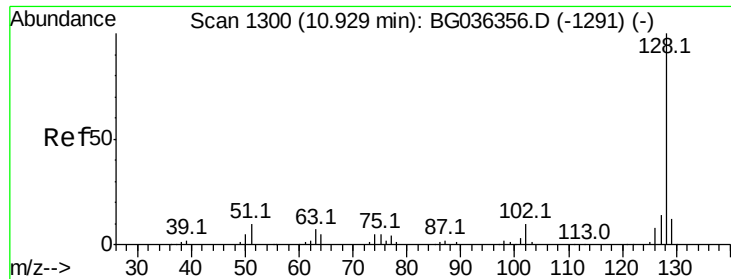
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.468 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.7	76.0	114.0	
145	28.2	22.9	34.3	





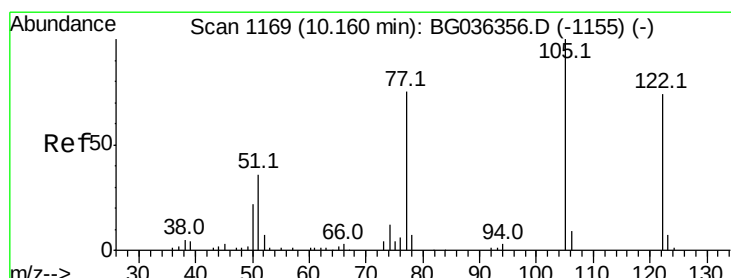
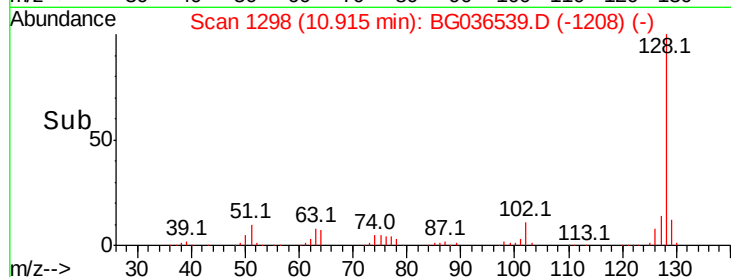
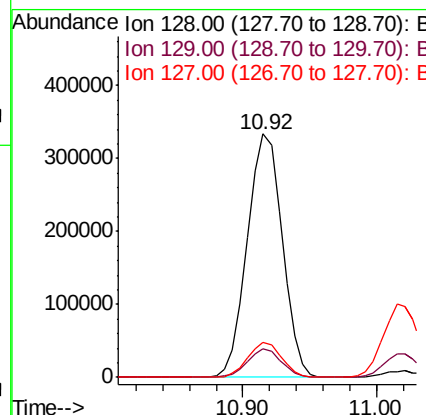
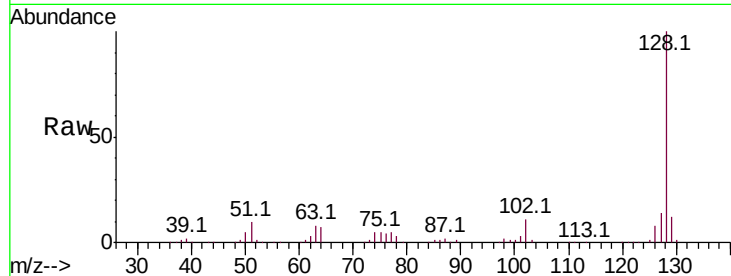
#31
Naphthalene
Concen: 46.549 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.5	11.0	16.4

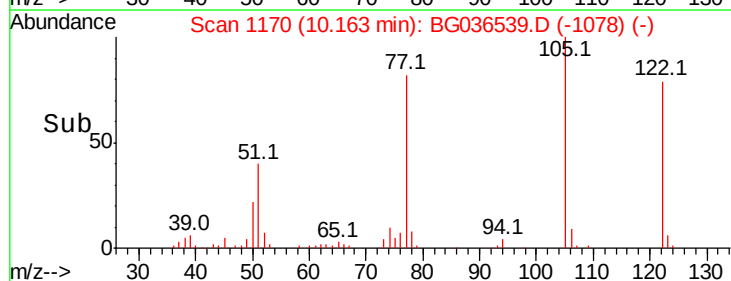
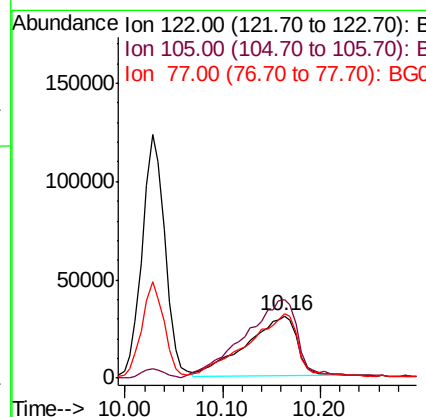
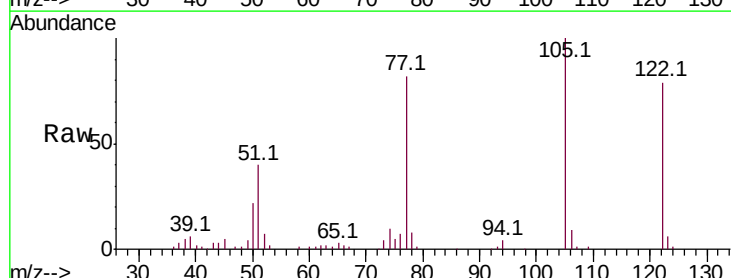
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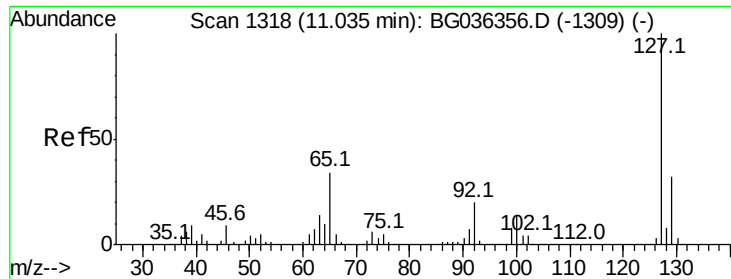
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#32
Benzoic acid
Concen: 41.074 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.2	108.1	148.1
77	104.6	76.3	116.3





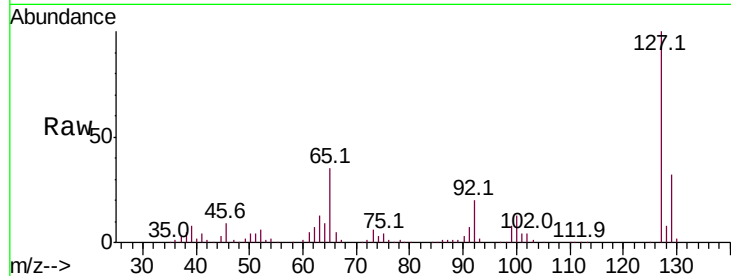
#33
4-Chloroaniline
Concen: 31.208 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	35.1	27.5	41.3
92	19.9	16.2	24.2

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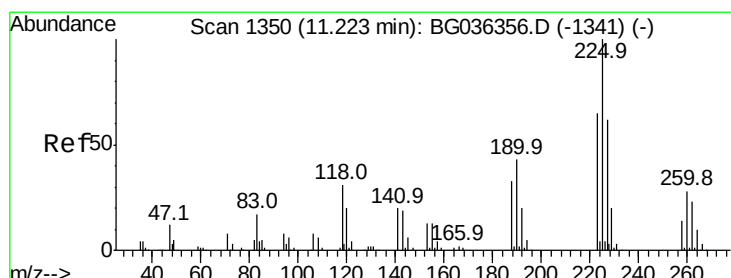
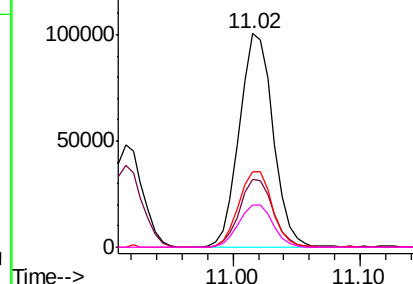
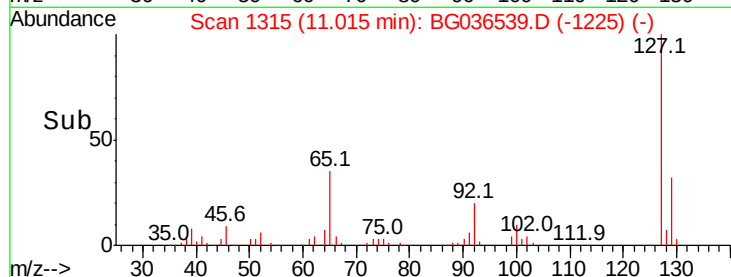
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

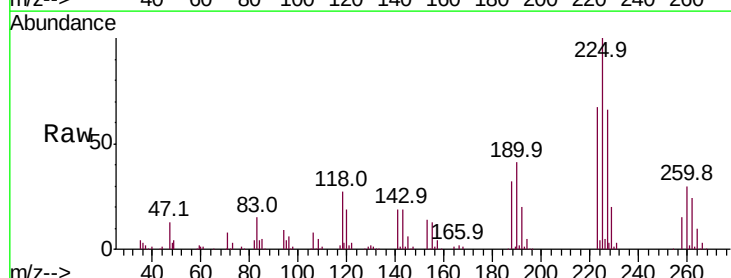
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.868 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	51.8	77.8
227	65.7	49.8	74.6

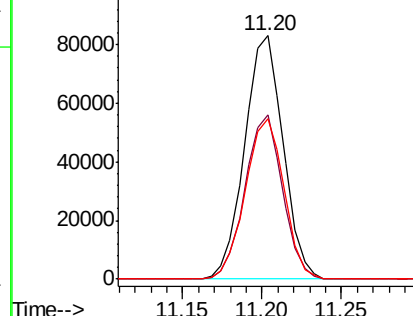
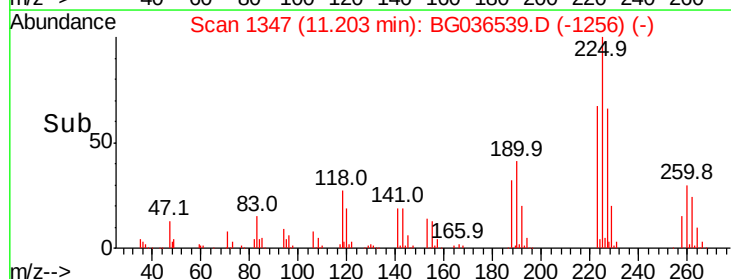


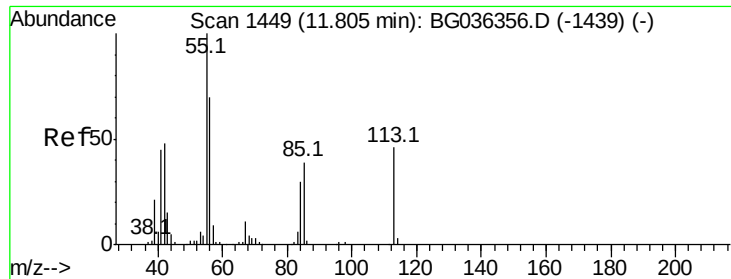
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.312 ng/ml

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampled :

PB112577BS

Tot Ion:113 Resp: 78314

Ion Ratio Lower Upper

113 100

55 211.9 197.7 237.7

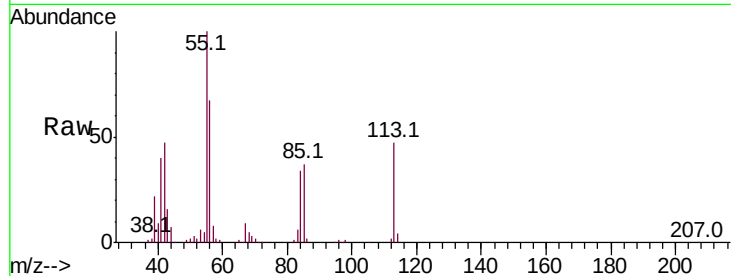
56 142.0 131.7 171.7

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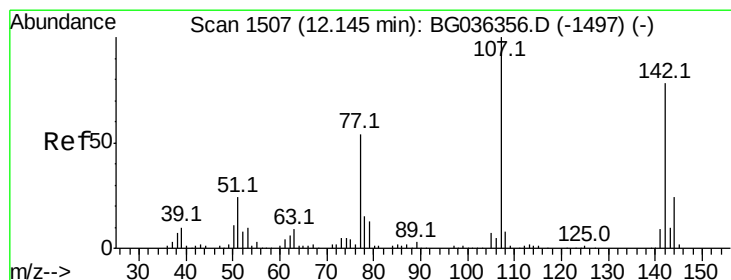
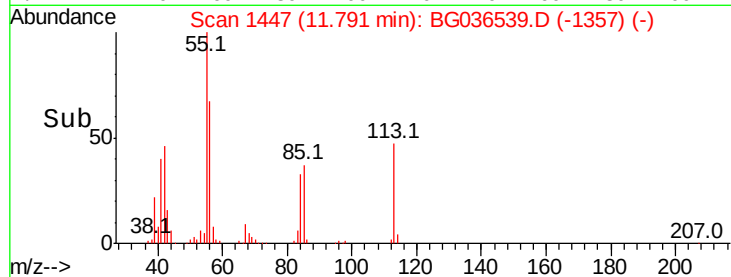
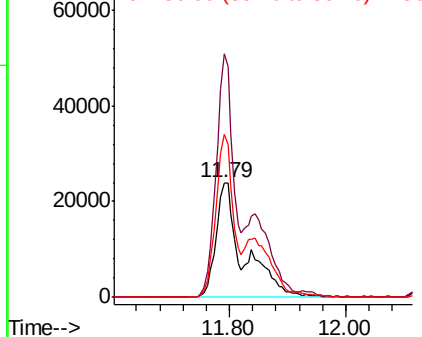
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036539.D (-1439) (-)

Ion 56.00 (55.70 to 56.70): BG036539.D (-1439) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.499 ng/ml

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

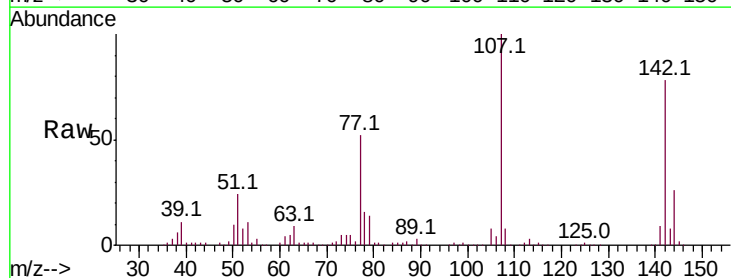
Tgt Ion:107 Resp: 234158

Ion Ratio Lower Upper

107 100

144 25.8 19.5 29.3

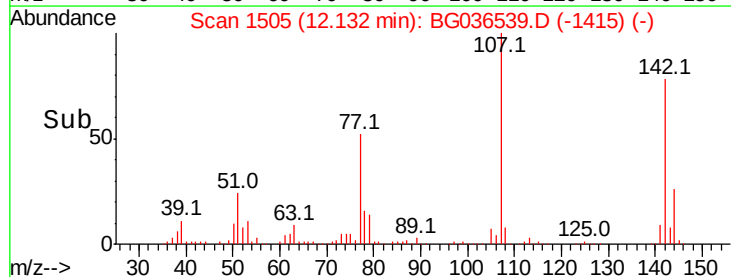
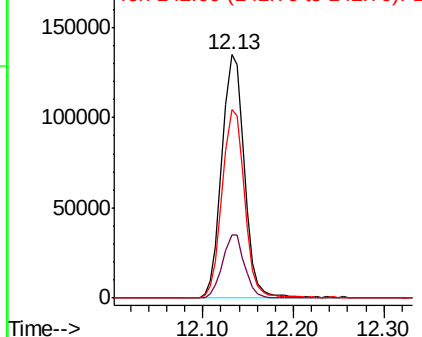
142 77.6 62.4 93.6

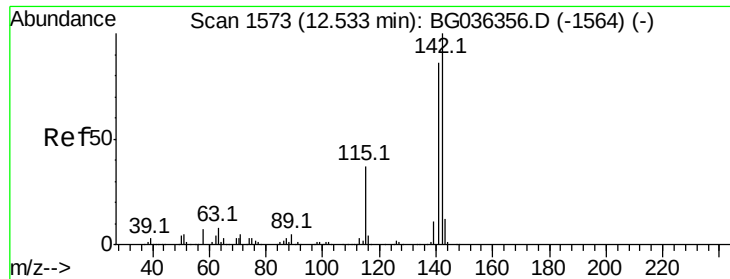


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





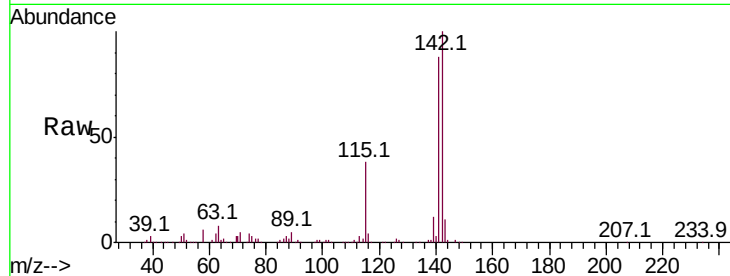
#37
2-Methylnaphthalene
Concen: 49.894 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	37.7	29.8	44.8

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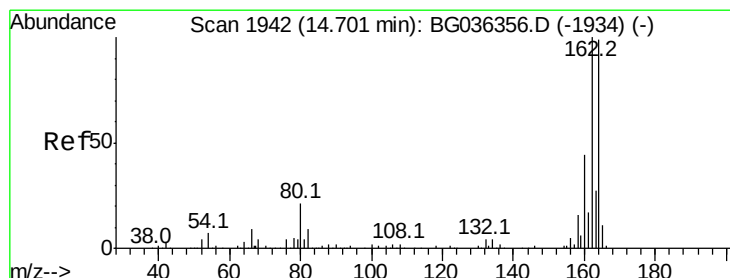
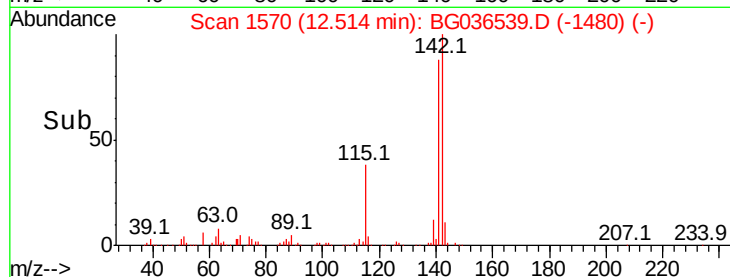
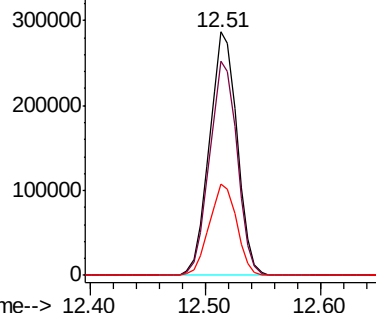


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

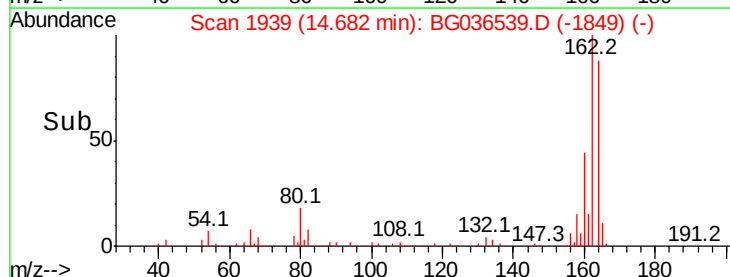
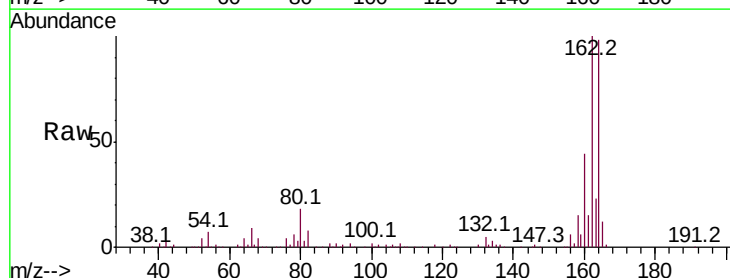
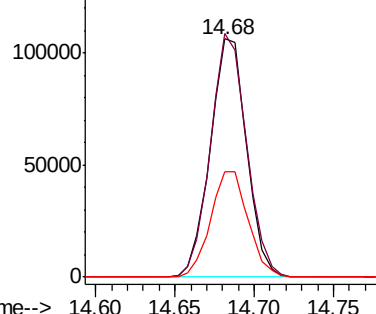
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	44.5	35.3	52.9

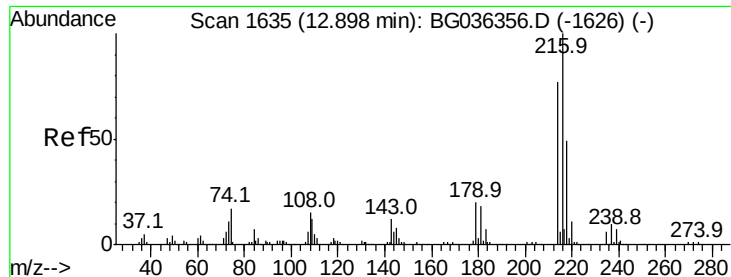
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





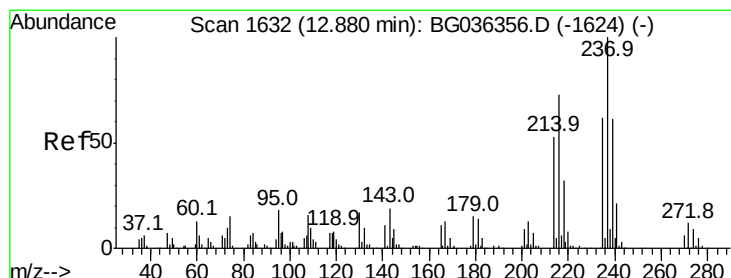
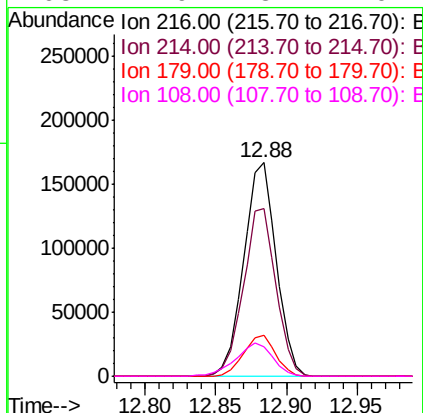
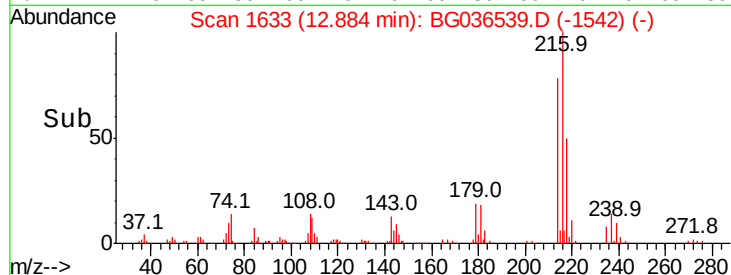
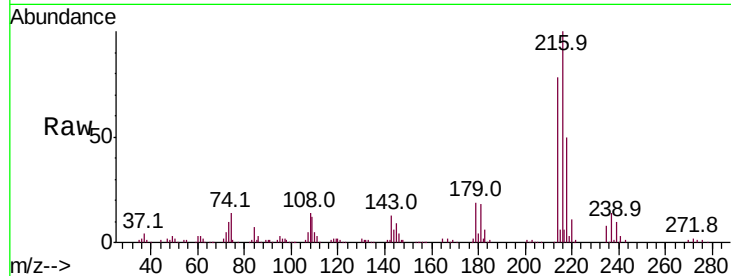
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.083 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	269610		
214	78.3	61.0	91.6	
179	19.0	15.7	23.5	
108	17.9	13.1	19.7	

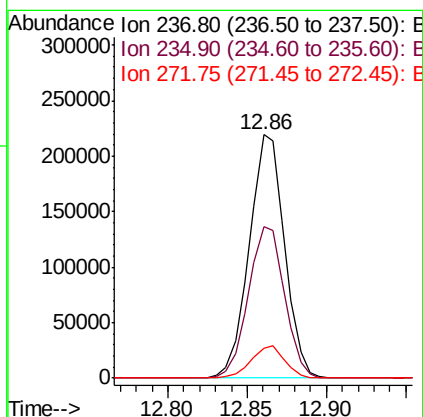
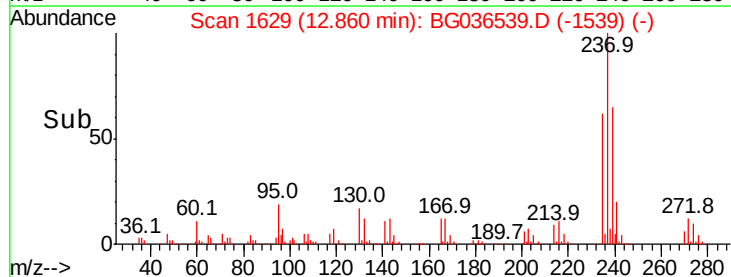
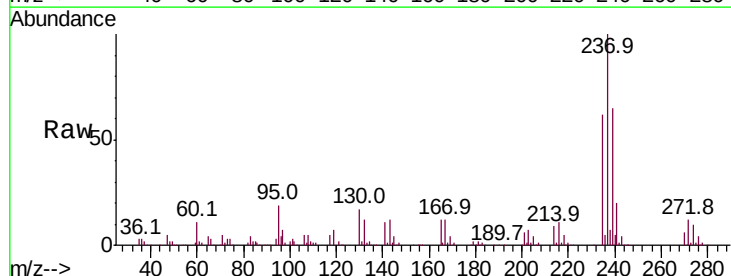
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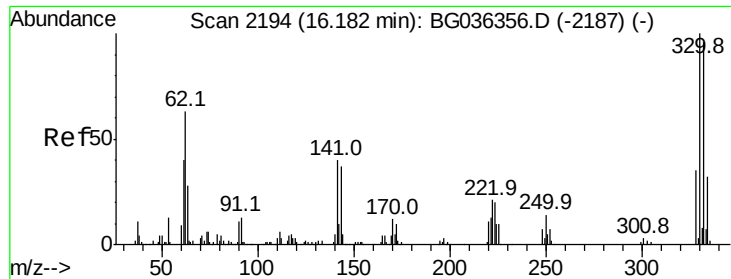
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#40
 Hexachlorocyclopentadiene
 Concen: 108.912 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	338884		
235	62.0	42.2	82.2	
272	12.3	0.0	32.1	





#41

2,4,6-Tribromophenol

Concen: 142.894 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

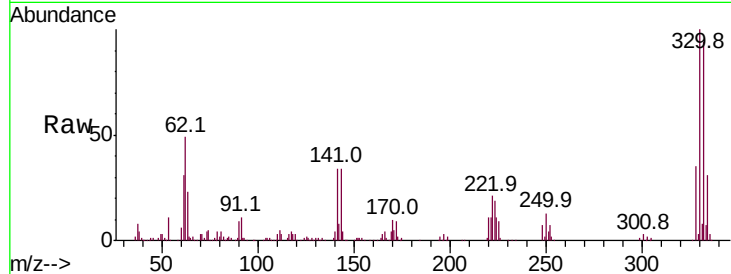
ClientSampleId :

PB112577BS

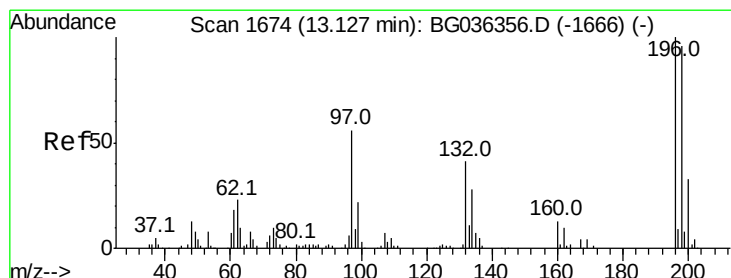
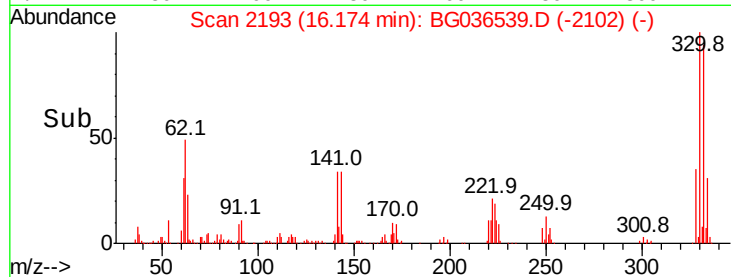
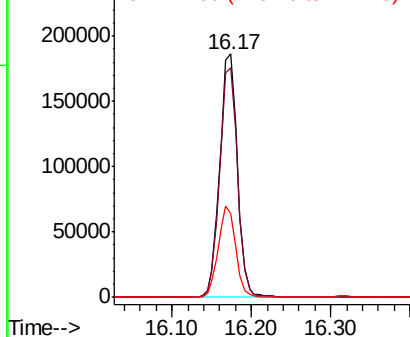
Tot Ion:	330	Resp:	288130
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.4	113.2
141	36.7	30.7	46.1

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



#42

2,4,6-Trichlorophenol

Concen: 48.892 ng

RT: 13.11 min Scan# 1672

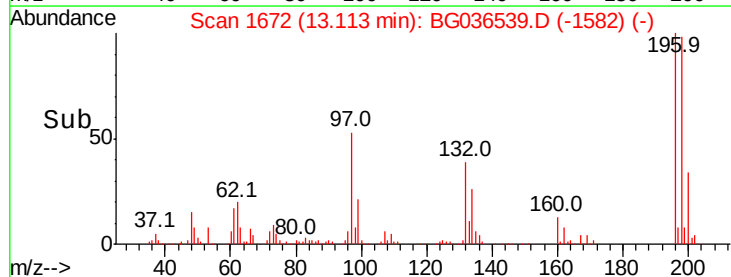
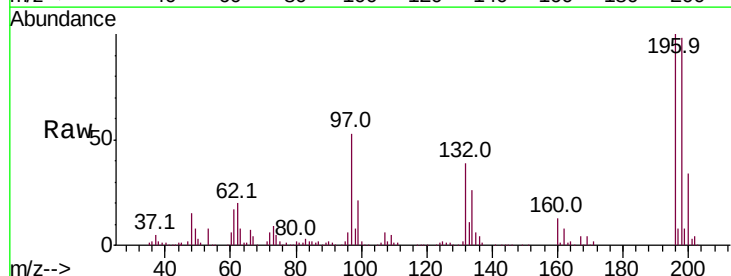
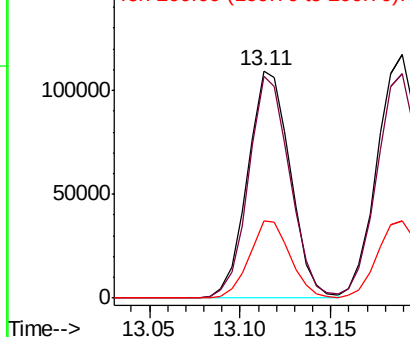
Delta R.T. -0.00 min

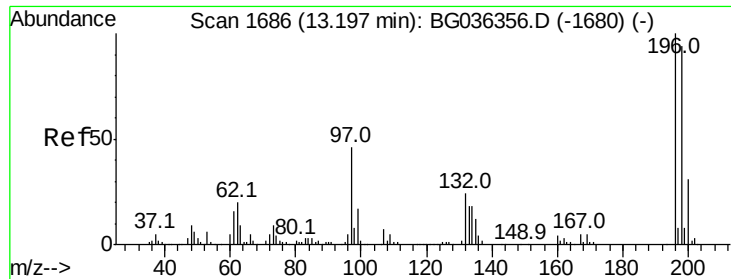
Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	196	Resp:	178107
Ion Ratio	Lower	Upper	
196	100		
198	97.7	77.2	115.8
200	34.0	26.3	39.5

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





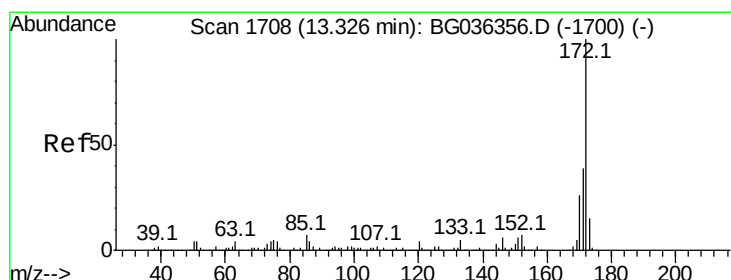
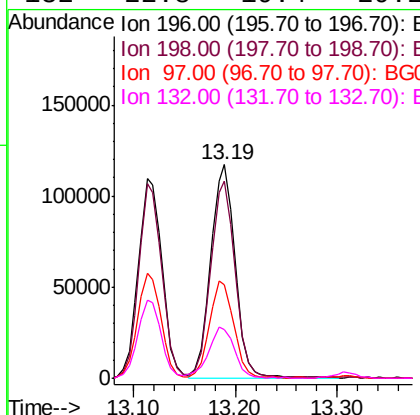
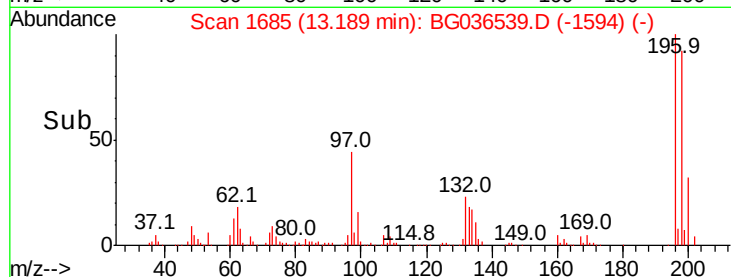
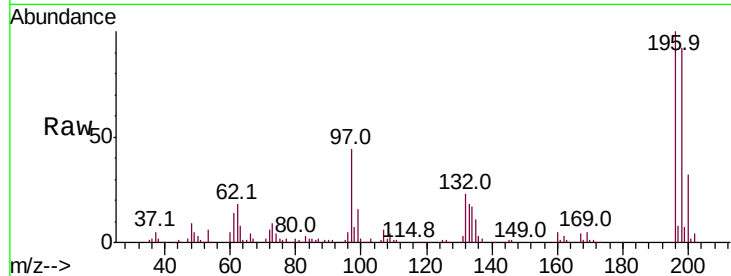
#43
 2,4,5-Trichlorophenol
 Concen: 50.298 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion	196	Resp	195432
Ion Ratio	Lower	Upper	
196	100		
198	92.3	75.6	113.4
97	43.8	37.2	55.8
132	22.8	19.4	29.2

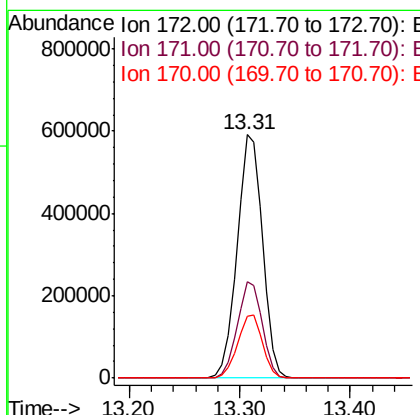
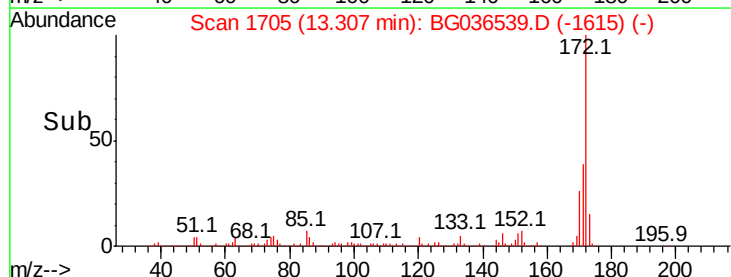
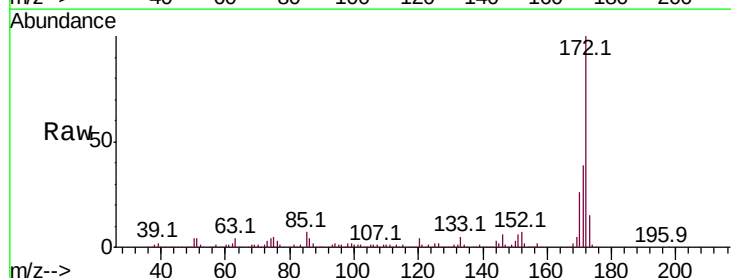
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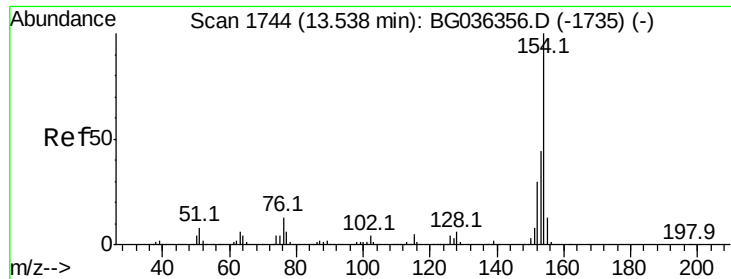
Sohil
 9/5/2018 3:13:08 PM



#44
 2-Fluorobiphenyl
 Concen: 80.401 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	172	Resp	951569
Ion Ratio	Lower	Upper	
172	100		
171	39.4	31.3	46.9
170	25.6	21.0	31.6





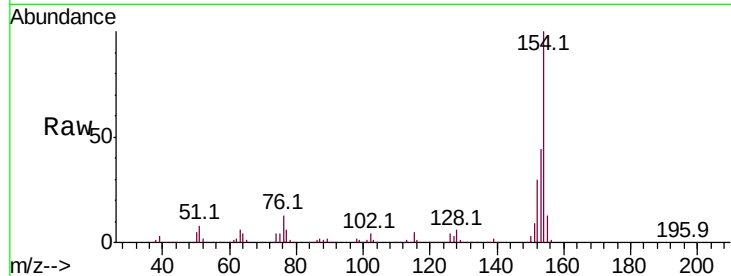
#45
 1,1'-Biphenyl
 Concen: 43.121 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampled :
 PB112577BS

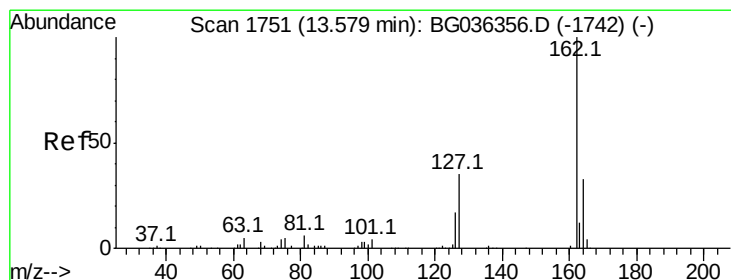
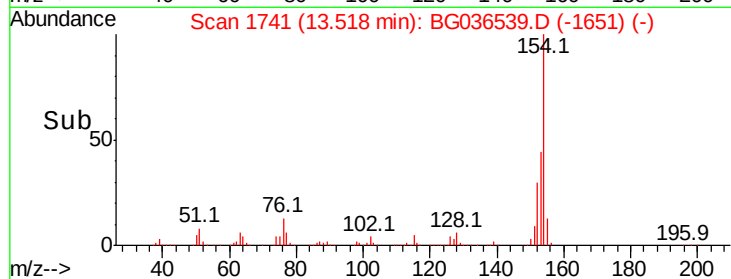
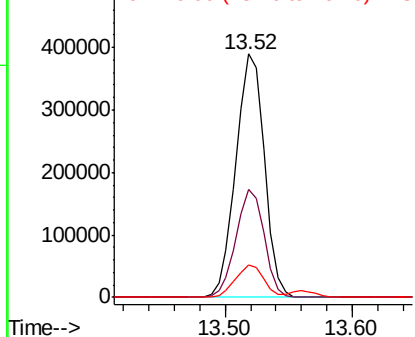
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	44.3	24.0	64.0	
76	13.4	0.0	32.9	

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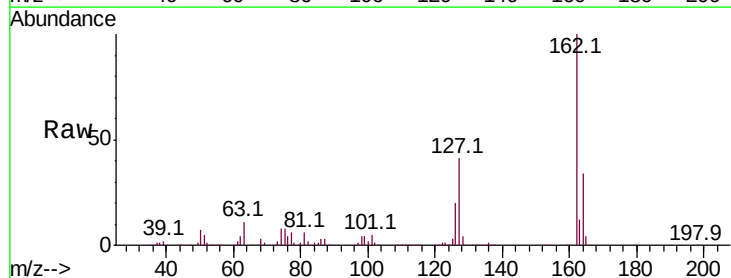


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

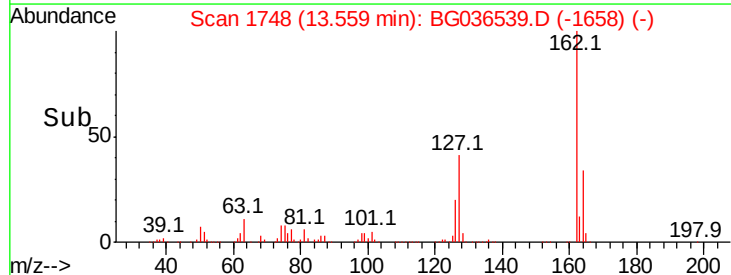
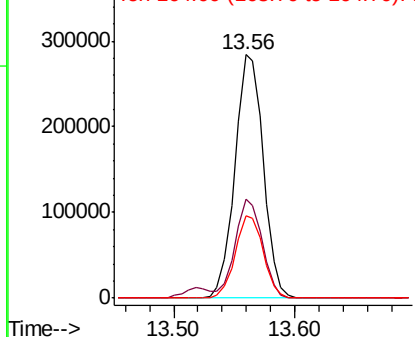


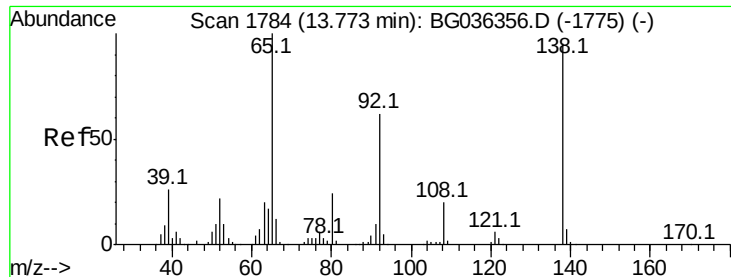
#46
 2-Chloronaphthalene
 Concen: 43.320 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	30.7	46.1	
164	33.9	26.7	40.1	



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





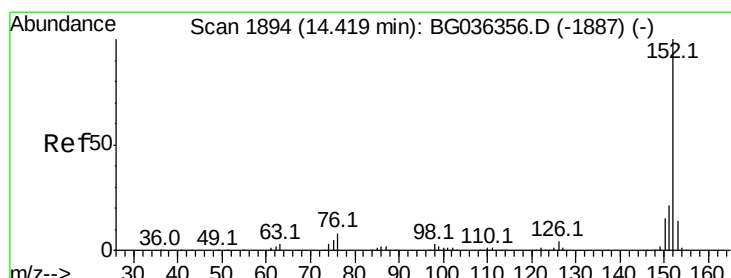
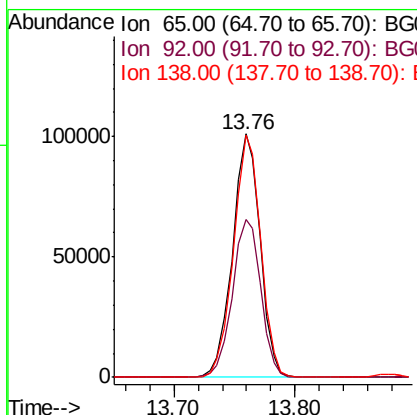
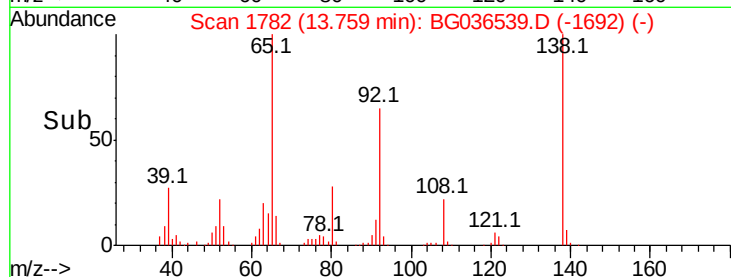
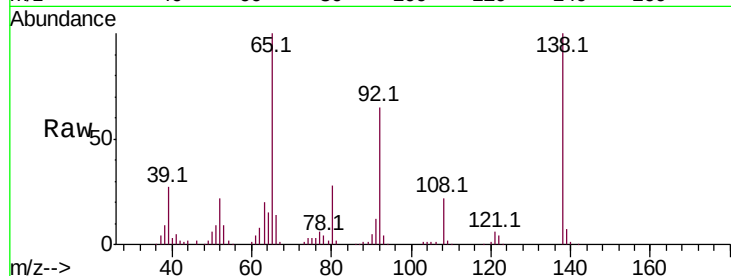
#47
2-Nitroaniline
Concen: 47.685 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	49.9	74.9
138	99.5	76.2	114.4

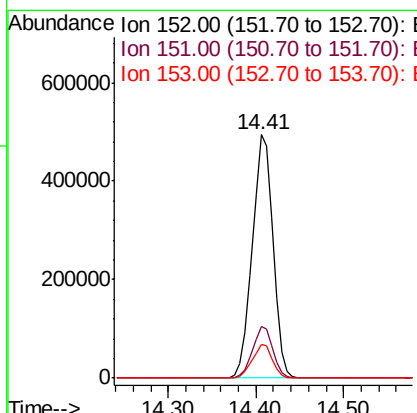
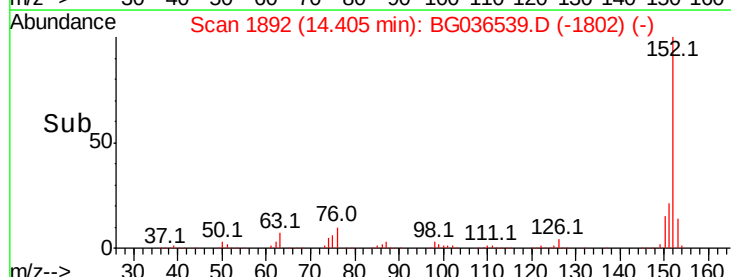
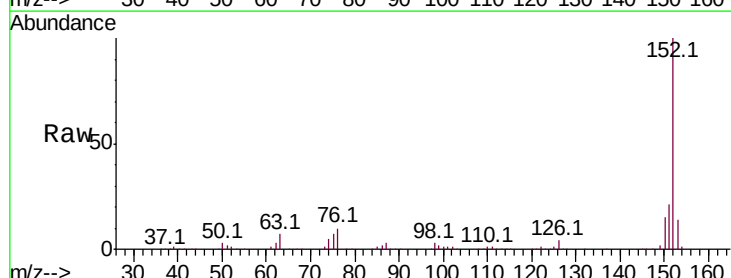
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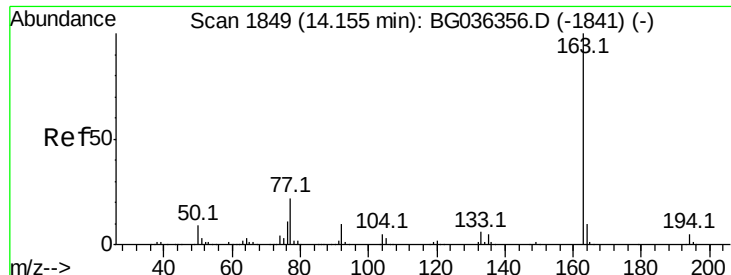
Sohil
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#48
Acenaphthylene
Concen: 47.330 ng
RT: 14.41 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.9	11.2	16.8





#49

Dimethylphthalate

Concen: 44.667 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

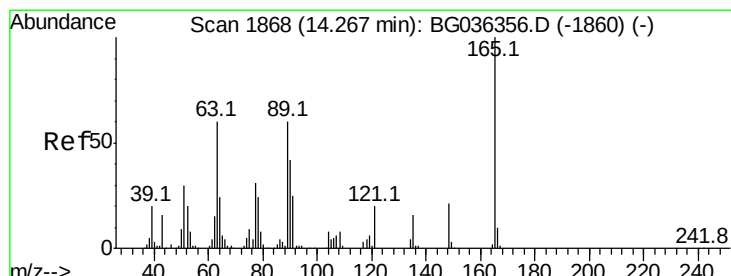
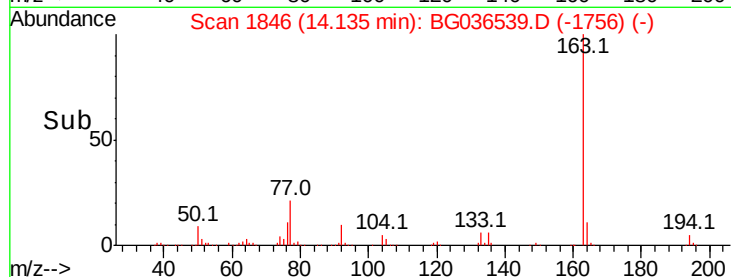
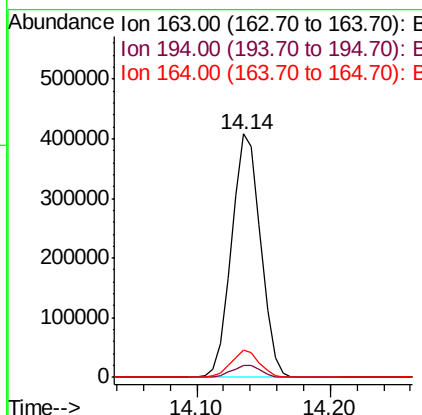
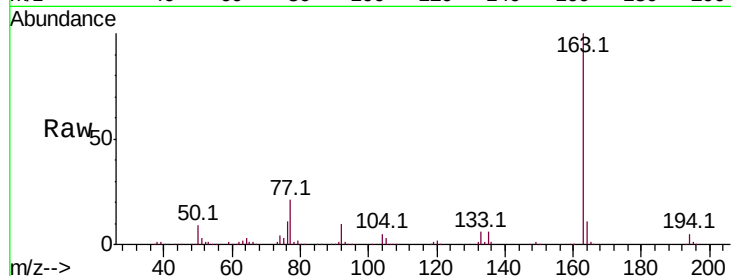
ClientSampleId :

PB112577BS

Tot Ion:	163	Resp:	616356
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.0	6.0
164	11.3	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 46.755 ng

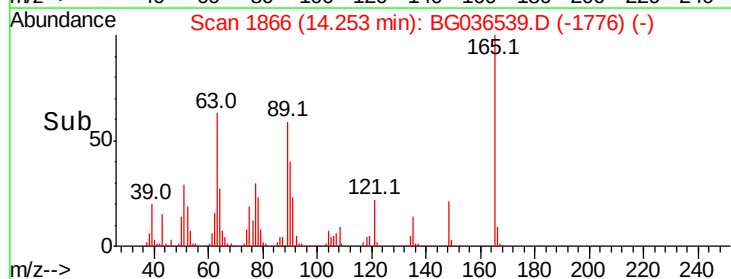
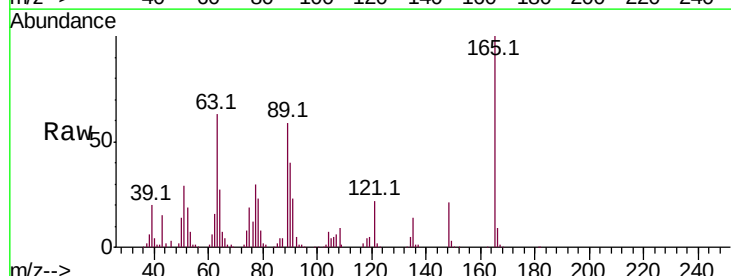
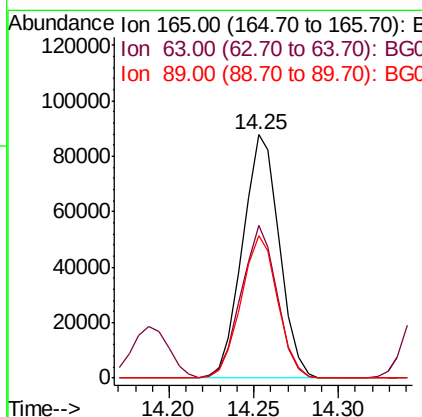
RT: 14.25 min Scan# 1866

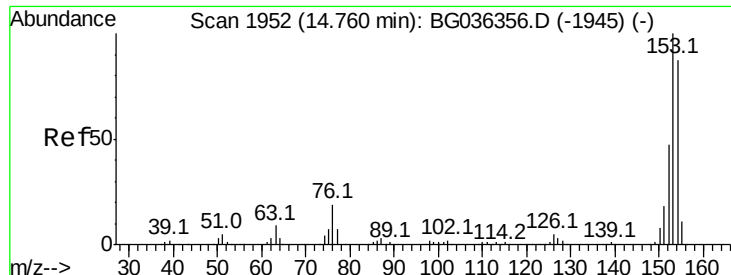
Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	165	Resp:	132757
Ion Ratio	Lower	Upper	
165	100		
63	62.7	50.1	75.1
89	58.6	47.8	71.6





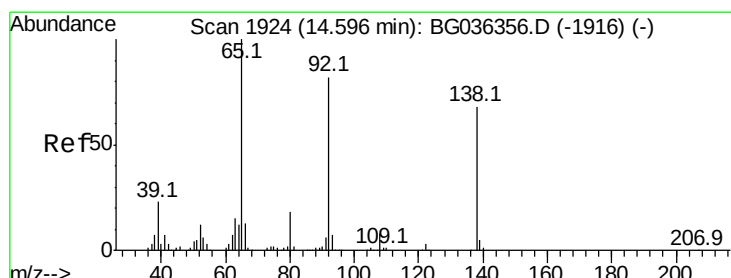
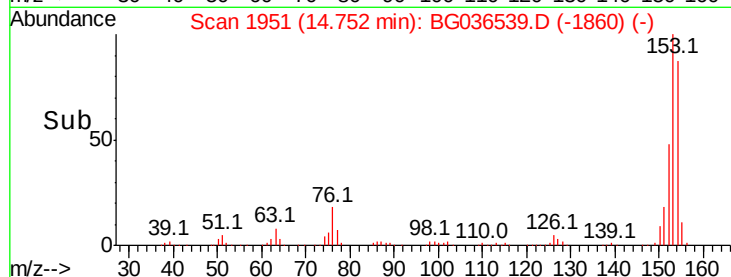
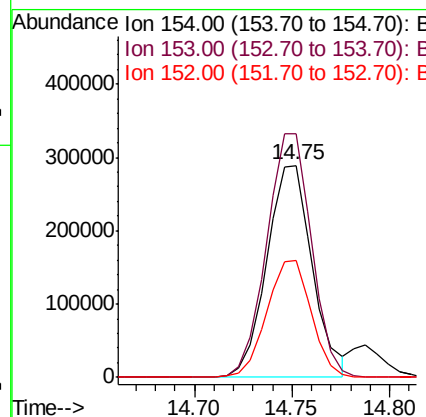
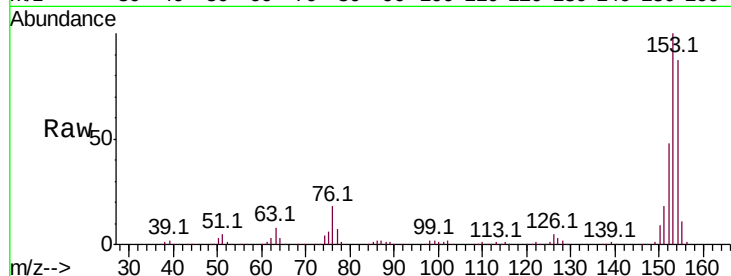
#51
Acenaphthene
Concen: 43.440 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.8	137.6
152	55.3	43.5	65.3

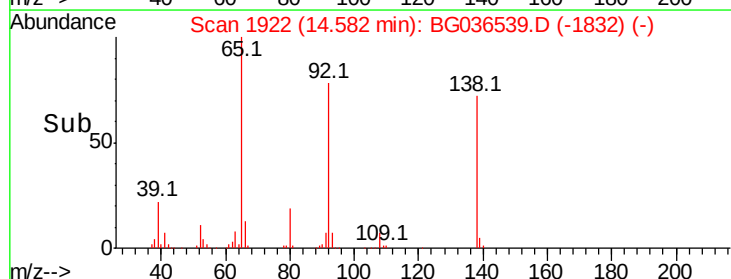
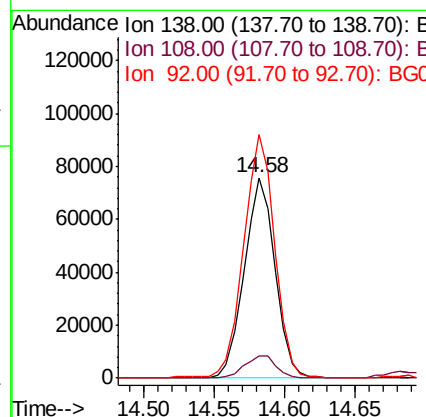
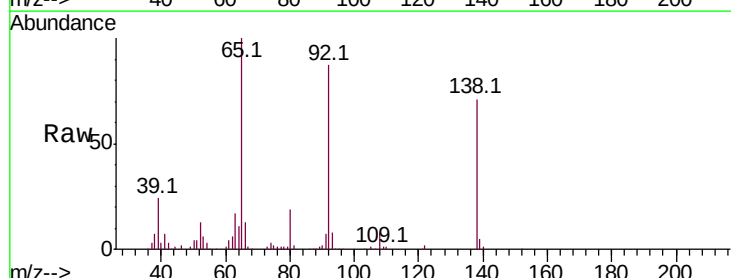
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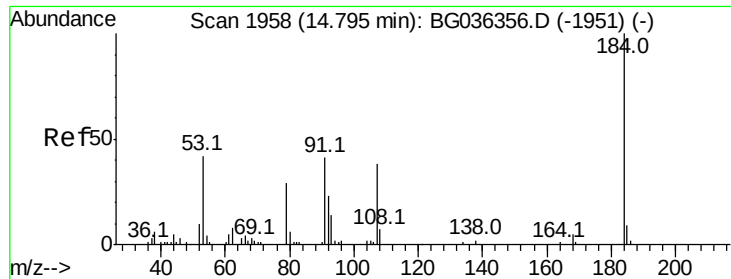
Sohil
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#52
3-Nitroaniline
Concen: 37.761 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.2
92	121.4	96.8	145.2





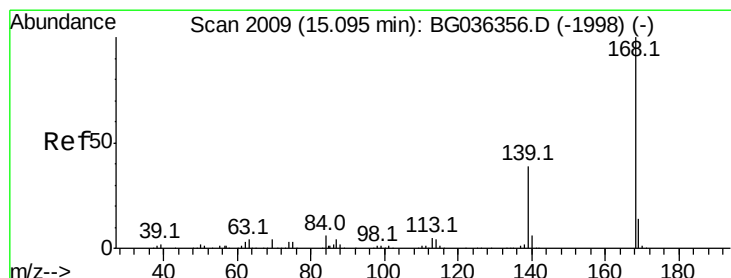
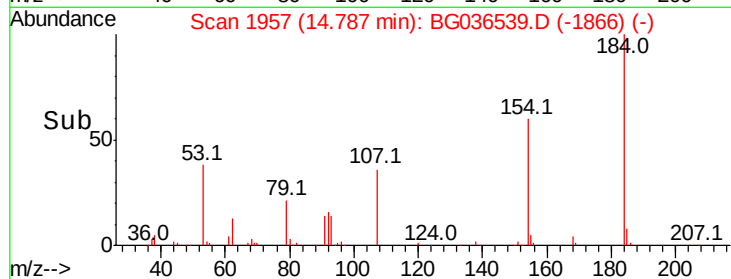
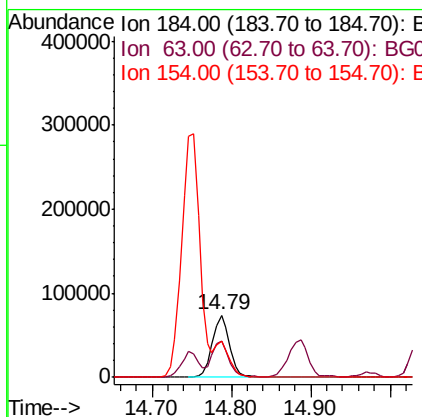
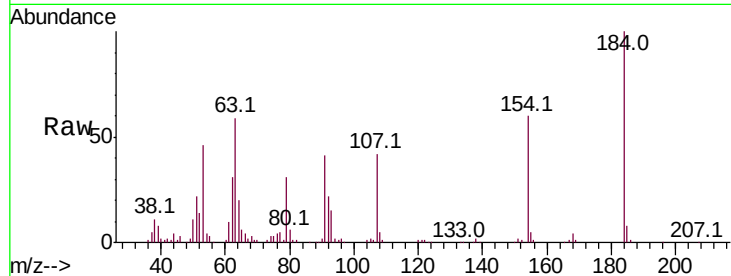
#53
2,4-Dinitrophenol
Concen: 106.762 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.3	47.3	70.9
154	59.5	51.1	76.7

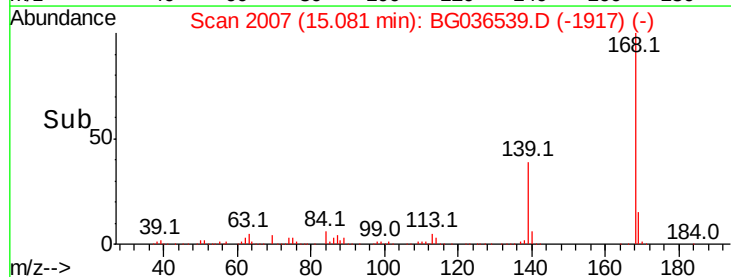
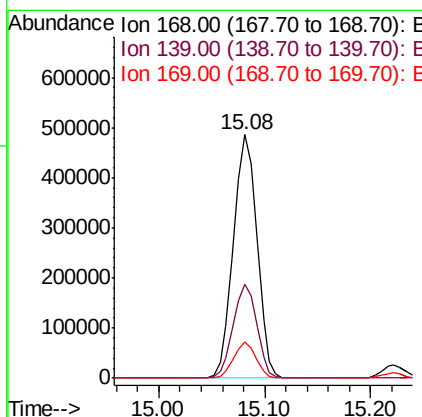
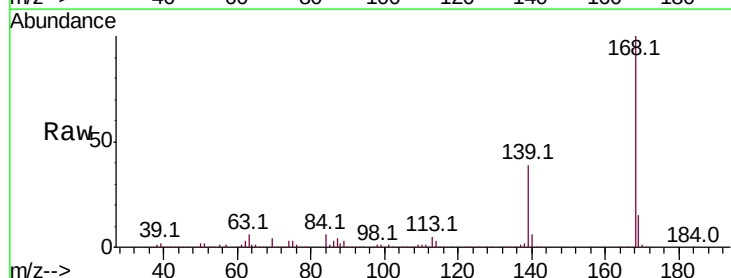
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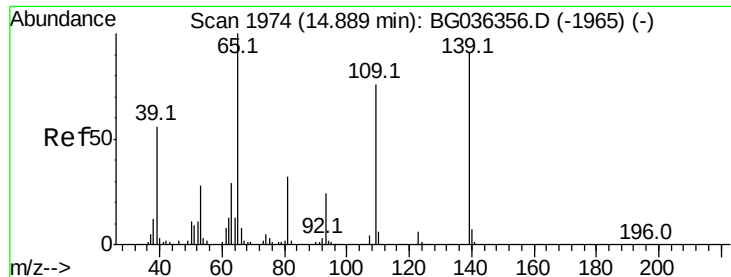
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#54
Dibenzofuran
Concen: 44.573 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.6
169	15.0	11.1	16.7





#55

4-Nitrophenol

Concen: 95.051 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

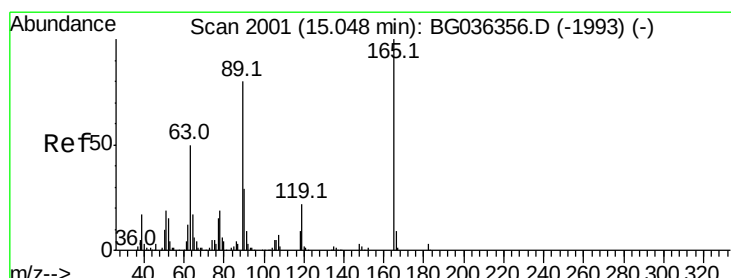
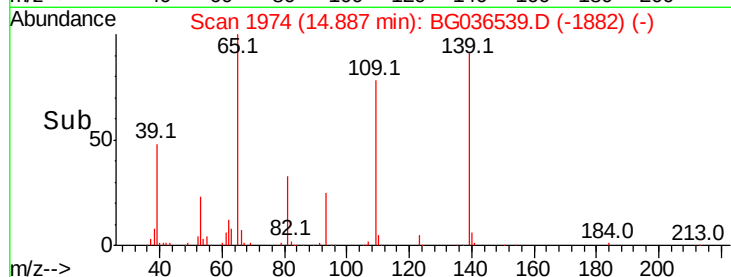
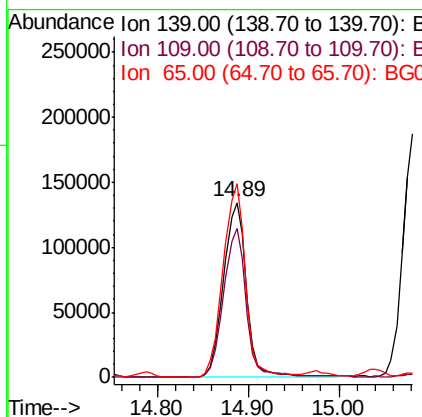
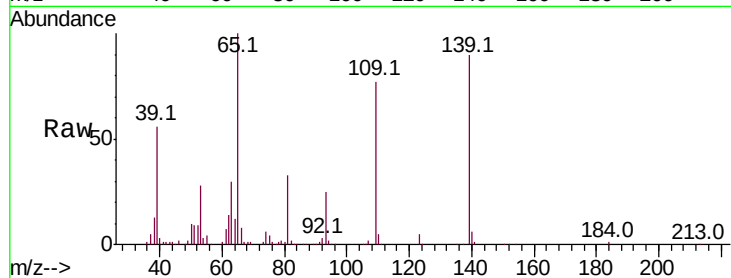
ClientSampleId :

PB112577BS

Tot Ion:	139	Resp:	237800
Ion Ratio	Lower	Upper	
139	100		
109	85.3	63.9	103.9
65	110.9	90.0	130.0

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#56

2,4-Dinitrotoluene

Concen: 51.750 ng

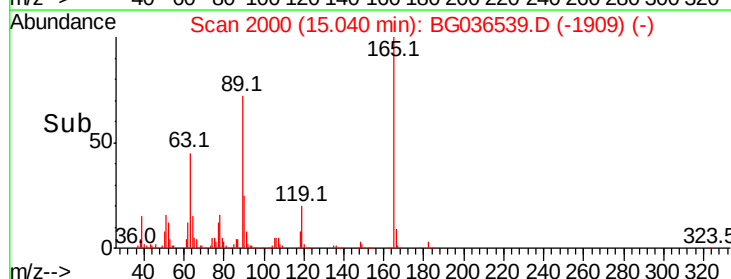
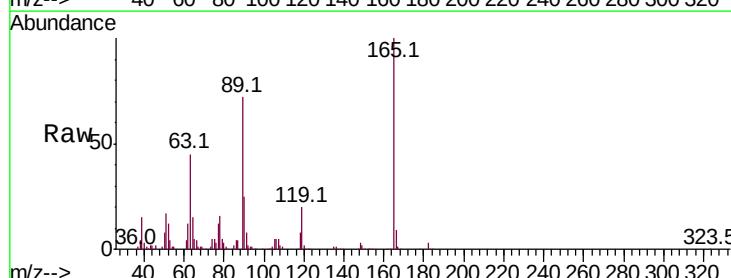
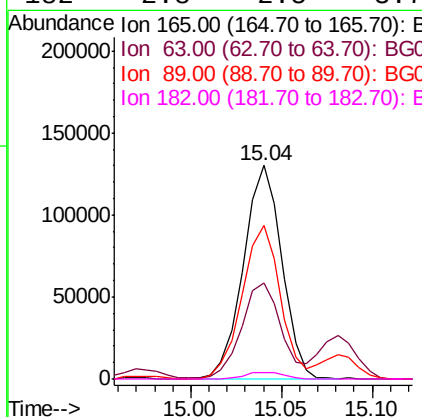
RT: 15.04 min Scan# 2000

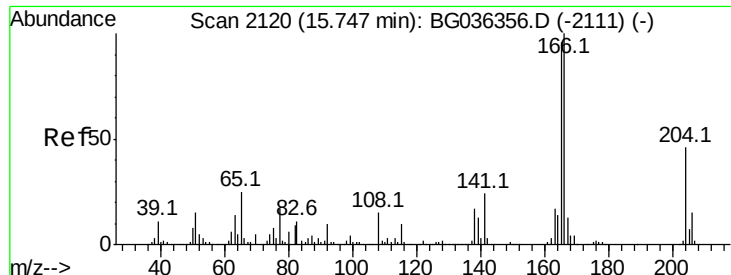
Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	165	Resp:	191505
Ion Ratio	Lower	Upper	
165	100		
63	44.8	40.1	60.1
89	71.8	63.7	95.5
182	2.8	2.5	3.7





#57

Fluorene

Concen: 47.869 ng

RT: 15.73 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

PB112577BS

Tot Ion:166 Resp: 600907

Ion Ratio Lower Upper

166 100

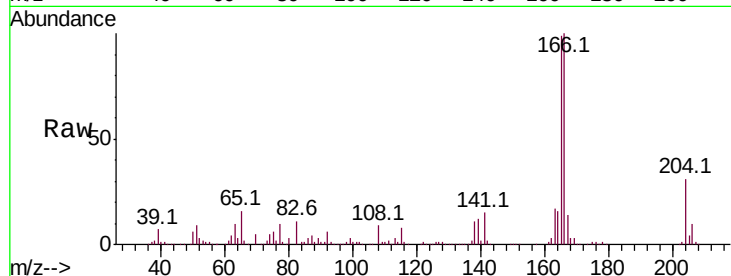
165 99.1 77.0 115.4

167 14.2 10.6 16.0

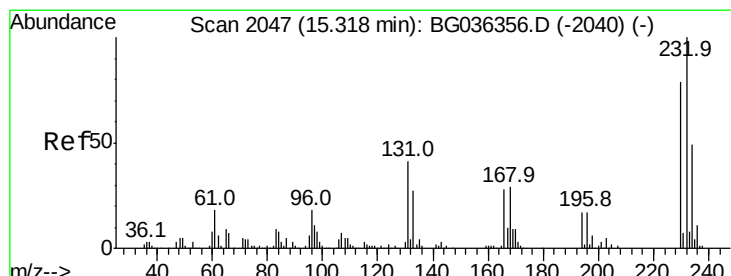
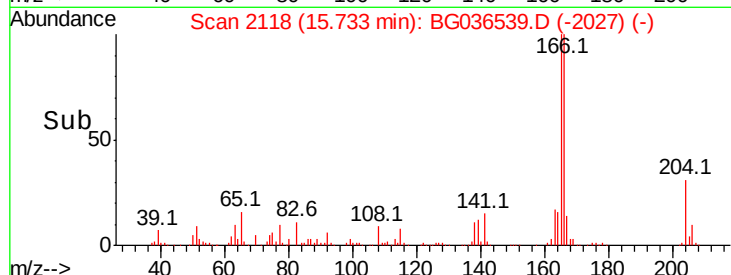
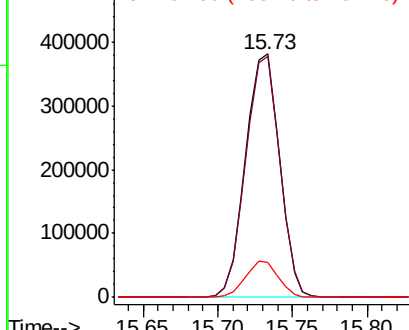
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.836 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:232 Resp: 196533

Ion Ratio Lower Upper

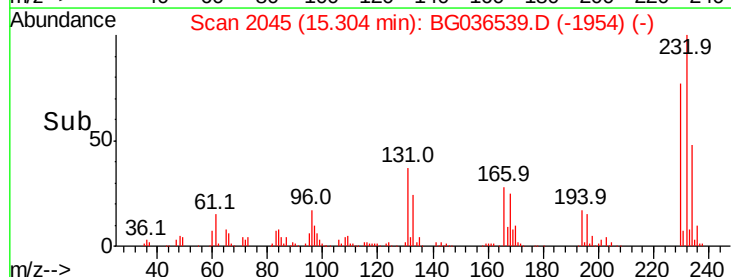
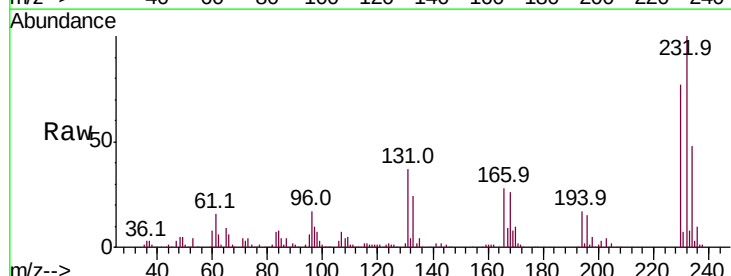
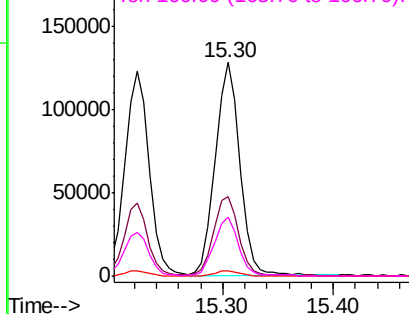
232 100

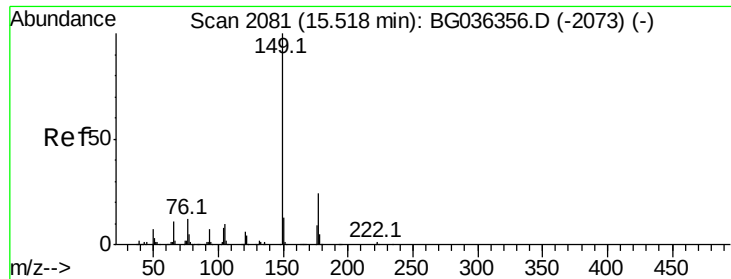
131 38.9 33.8 50.8

130 2.3 2.1 3.1

166 27.6 22.3 33.5

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





#59

Diethylphthalate

Concen: 44.547 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

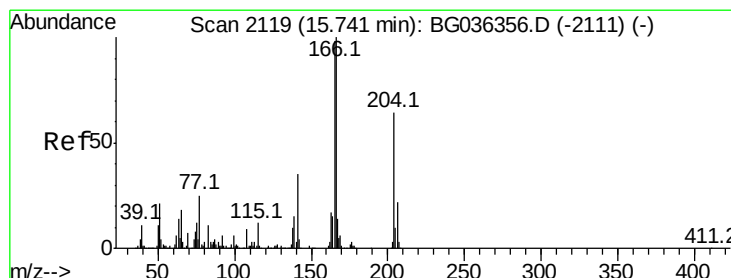
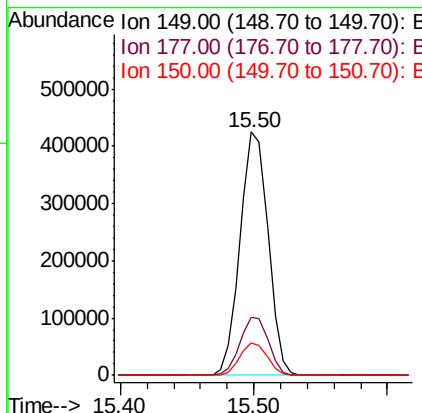
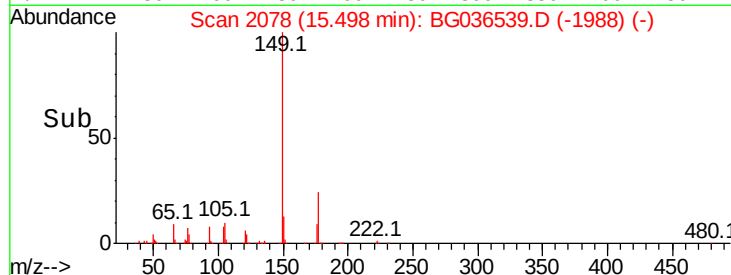
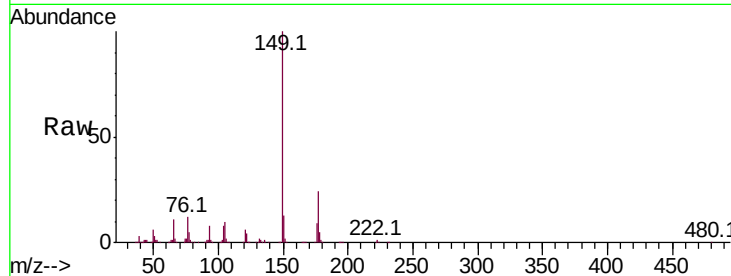
ClientSampled :

PB112577BS

Tot Ion:	149	Resp:	619477
Ion Ratio	Lower	Upper	
149	100		
177	23.6	19.1	28.7
150	13.1	10.7	16.1

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#60

4-Chlorophenyl-phenylether

Concen: 44.309 ng

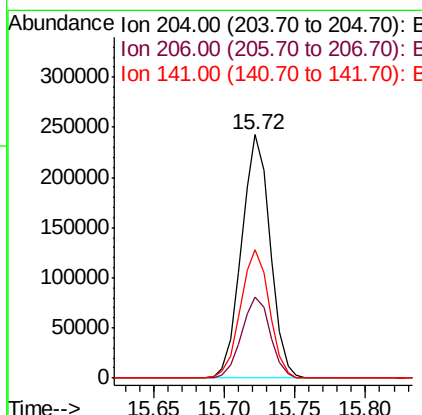
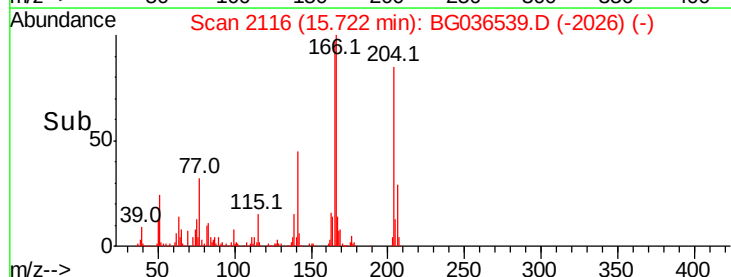
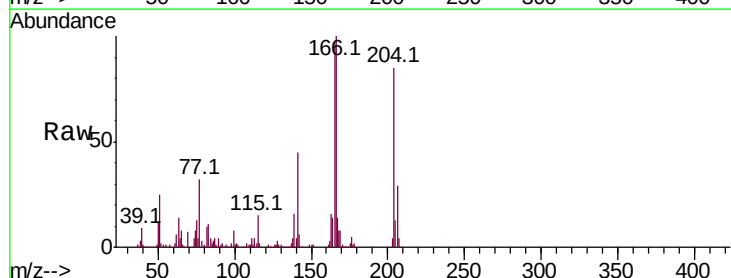
RT: 15.72 min Scan# 2116

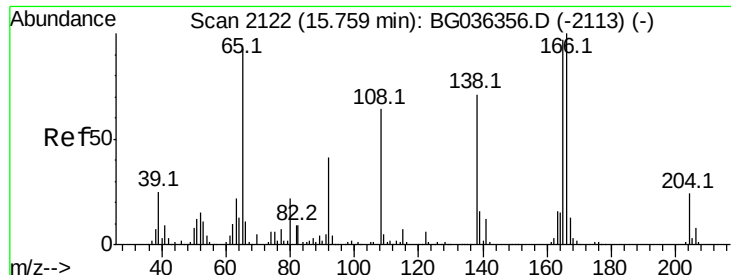
Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	204	Resp:	343458
Ion Ratio	Lower	Upper	
204	100		
206	33.4	27.0	40.4
141	52.7	43.8	65.6





#61

4-Nitroaniline

Concen: 49.751 ng

RT: 15.75 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

PB112577BS

Tot Ion:138 Resp: 159297

Ion Ratio Lower Upper

138 100

92 55.0 38.5 78.5

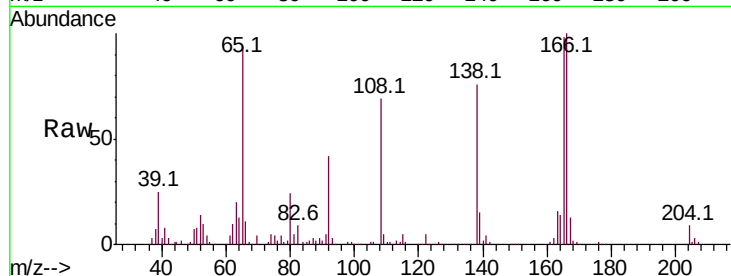
108 90.1 70.3 110.3

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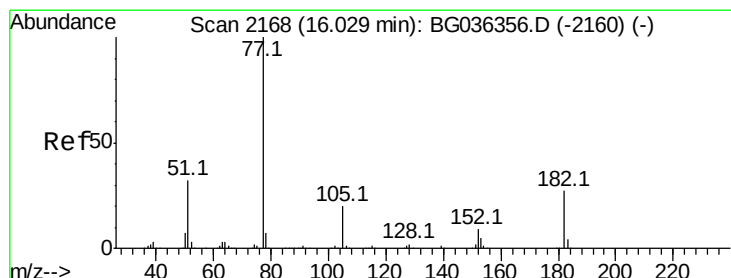
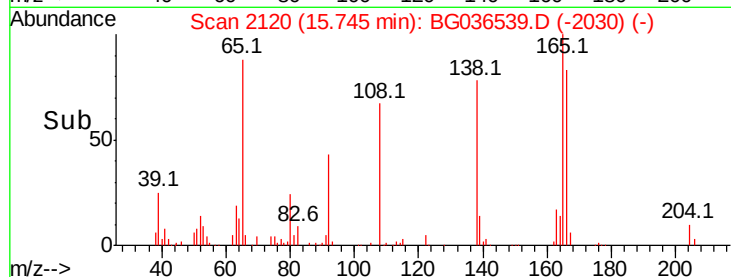
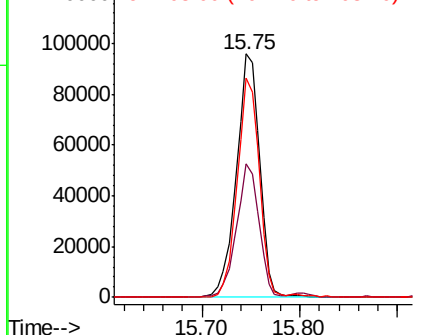
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.486 ng

RT: 16.02 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion: 77 Resp: 615294

Ion Ratio Lower Upper

77 100

182 29.1 6.7 46.7

105 20.5 0.0 39.8

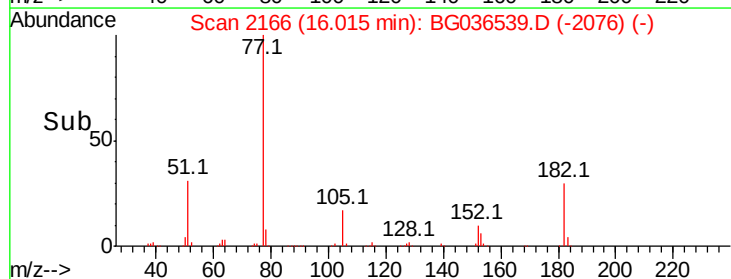
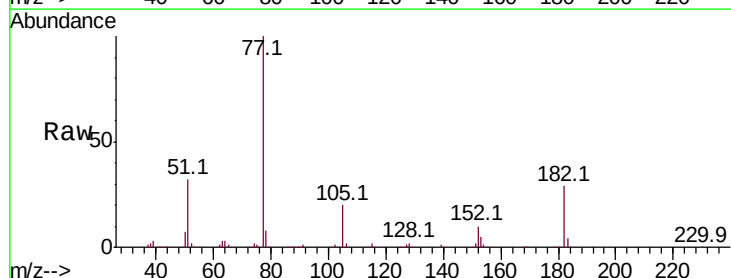
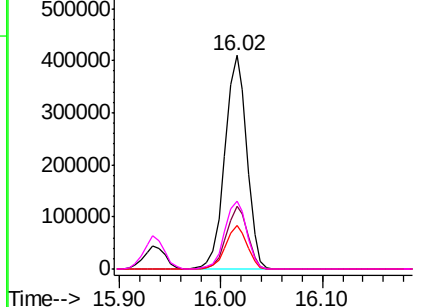
51 31.8 12.4 52.4

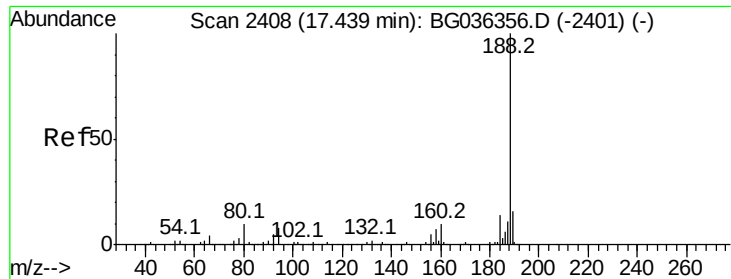
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

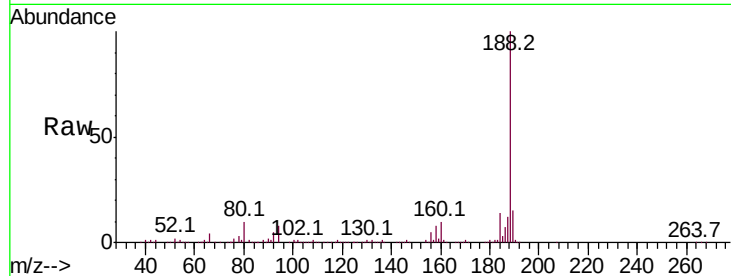
ClientSampleId :

PB112577BS

Tot Ion:	188	Resp:	429081
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.7	10.1
80	9.7	8.1	12.1

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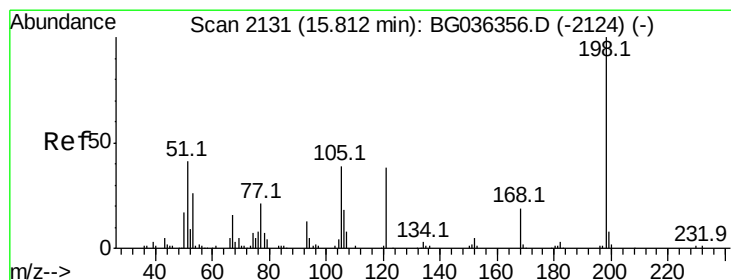
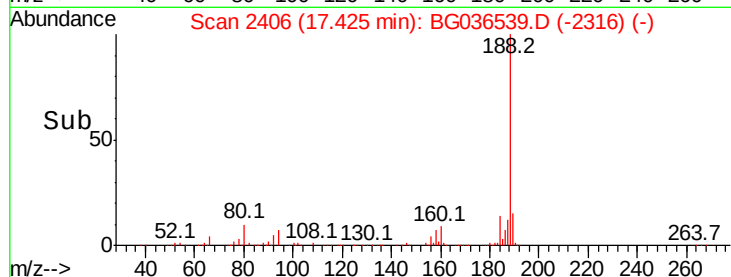
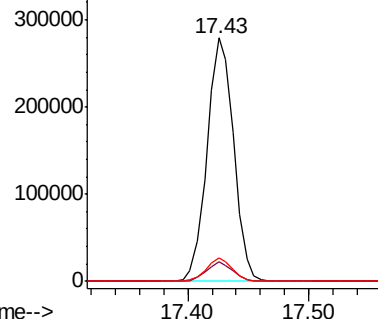
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 50.331 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG036539.D

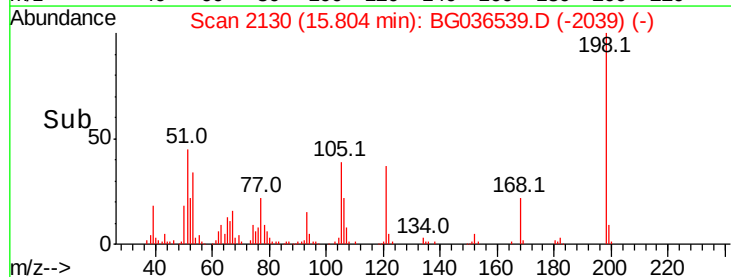
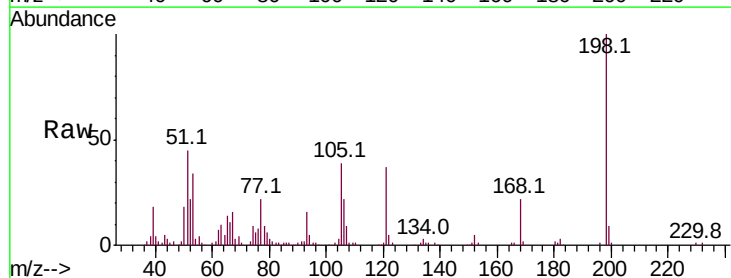
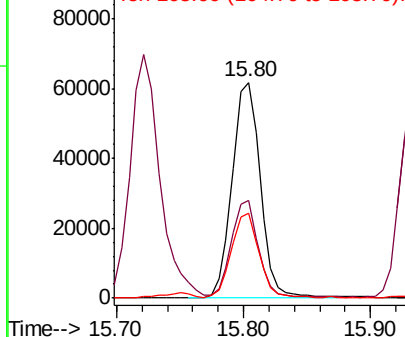
Acq: 4 Sep 2018 19:46

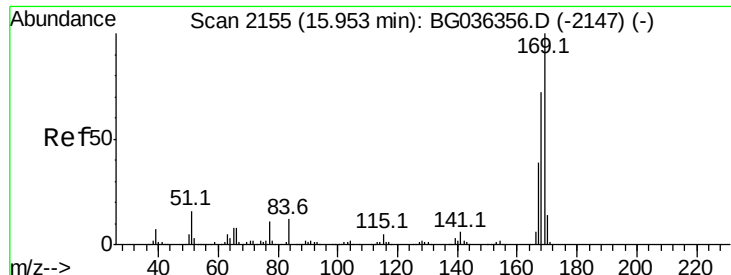
Tgt Ion:	198	Resp:	94868
Ion Ratio	Lower	Upper	
198	100		
51	45.4	26.5	66.5
105	39.1	20.2	60.2

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.683 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

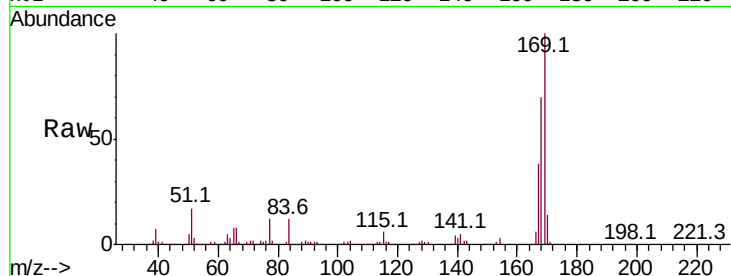
ClientSampleId :

PB112577BS

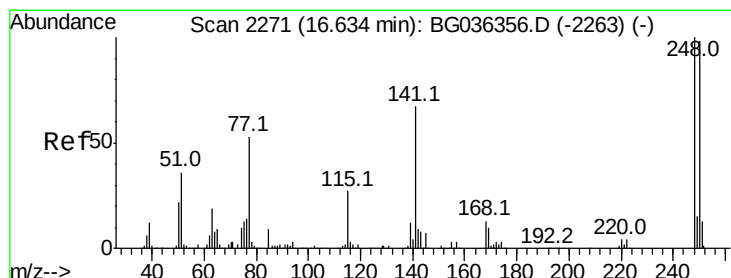
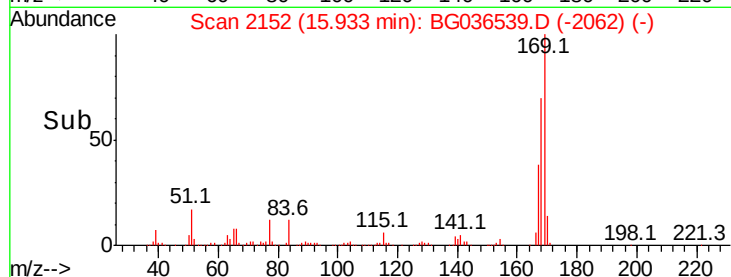
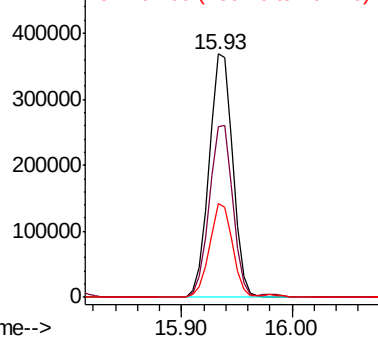
Tot Ion:	169	Resp:	556935
Ion Ratio	Lower	Upper	
169	100		
168	69.9	57.6	86.4
167	38.4	31.0	46.4

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Abundance Ion 169.00 (168.70 to 169.70): E
500000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.435 ng

RT: 16.61 min Scan# 2268

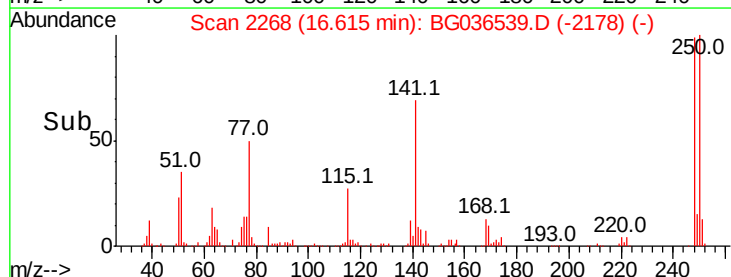
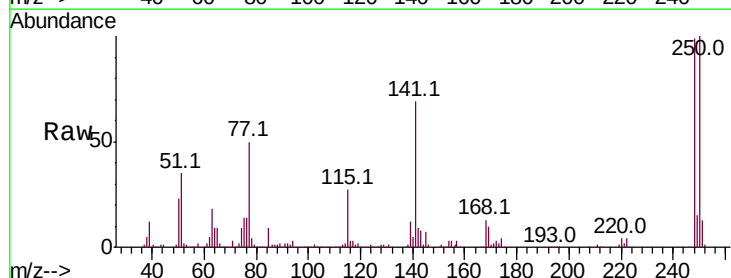
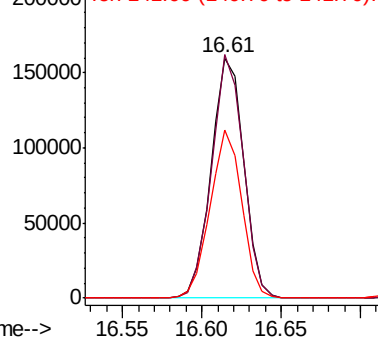
Delta R.T. -0.00 min

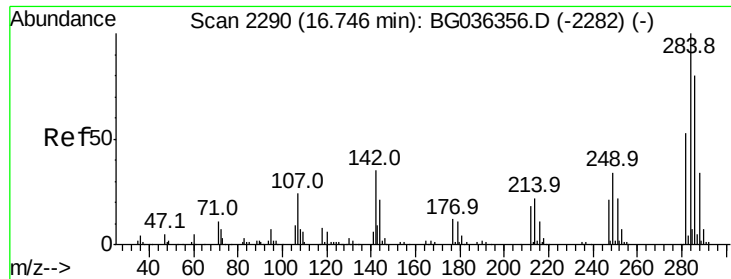
Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Tgt Ion:	248	Resp:	228251
Ion Ratio	Lower	Upper	
248	100		
250	101.5	78.1	117.1
141	70.1	53.7	80.5

Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





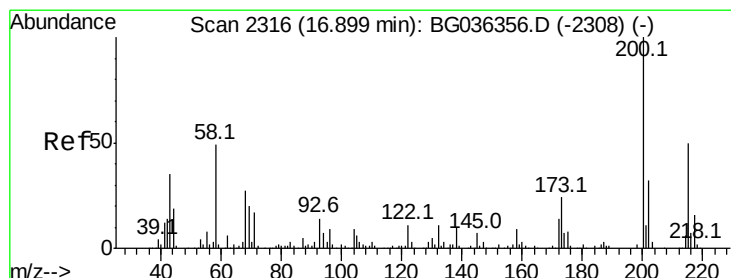
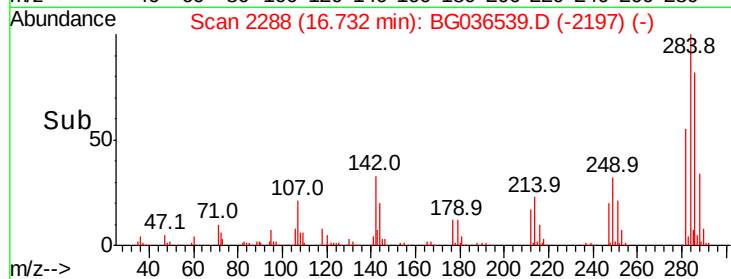
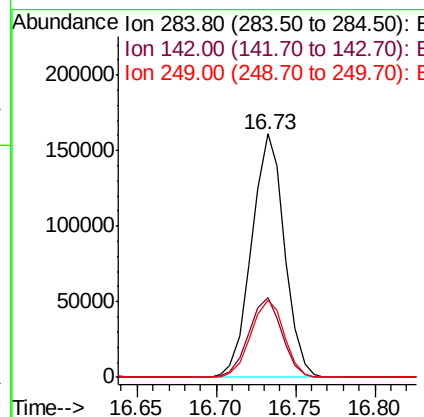
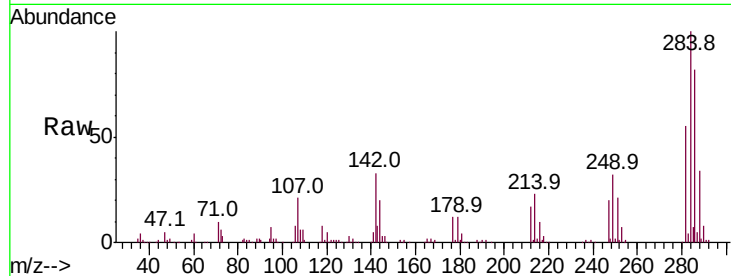
#67
Hexachlorobenzene
Concen: 45.103 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.0	27.8	41.6	
249	31.9	27.4	41.2	

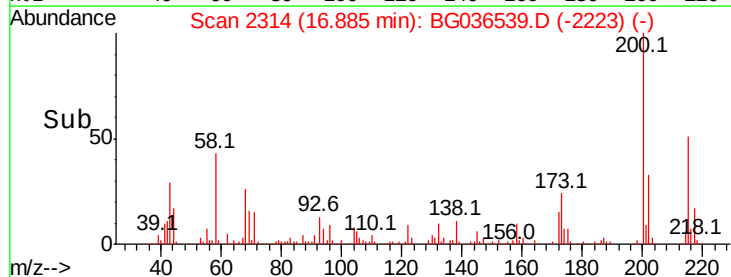
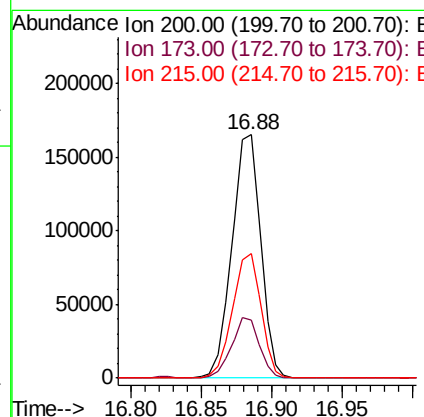
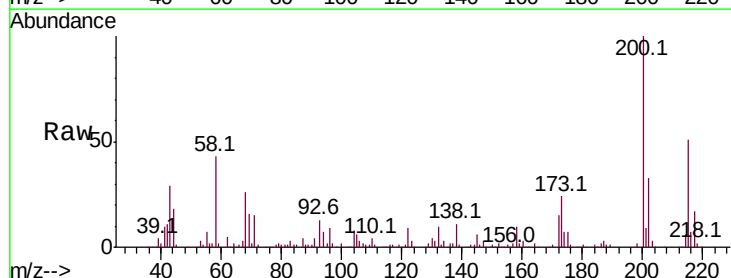
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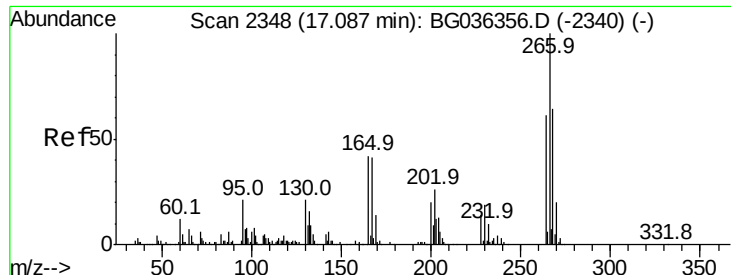
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#68
Atrazine
Concen: 49.050 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	3.9	43.9	
215	51.1	30.4	70.4	





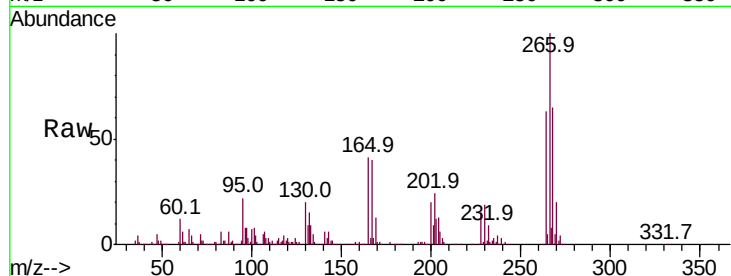
#69
 Pentachlorophenol
 Concen: 82.439 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleID :
 PB112577BS

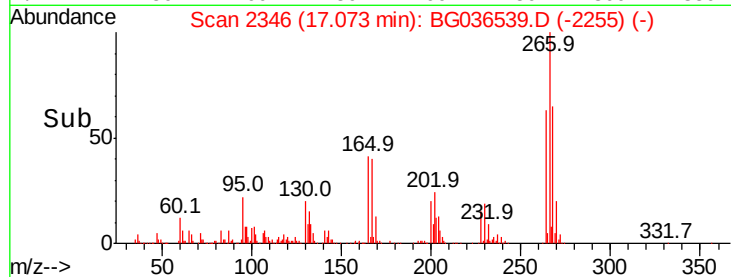
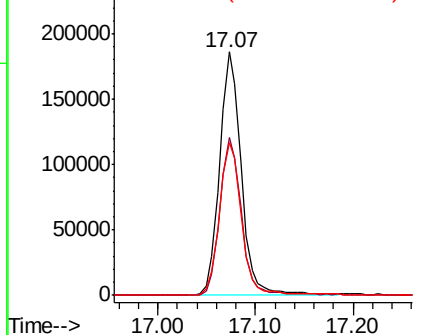
Tot Ion:	266	Resp:	287812
Ion Ratio	Lower	Upper	
266	100		
268	64.8	51.4	77.2
264	62.7	48.9	73.3

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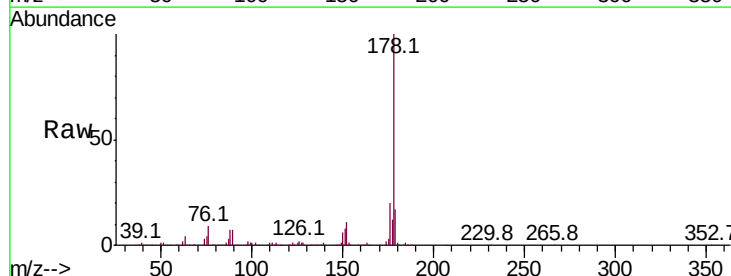
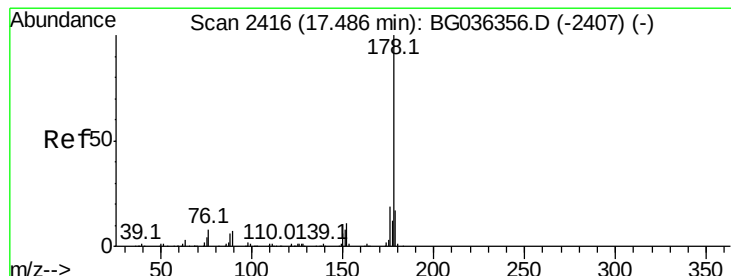
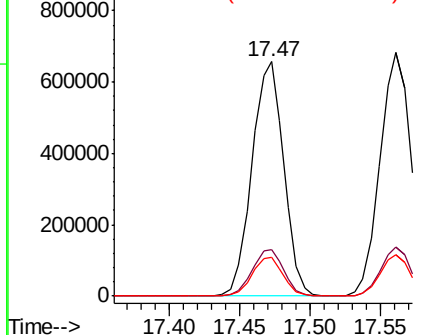
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

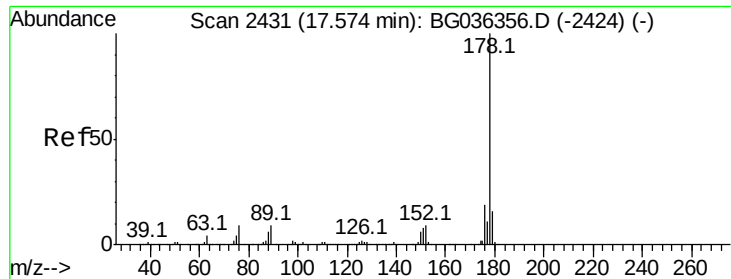


#70
 Phenanthrene
 Concen: 47.664 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:	178	Resp:	1039207
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	16.6	13.4	20.2

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





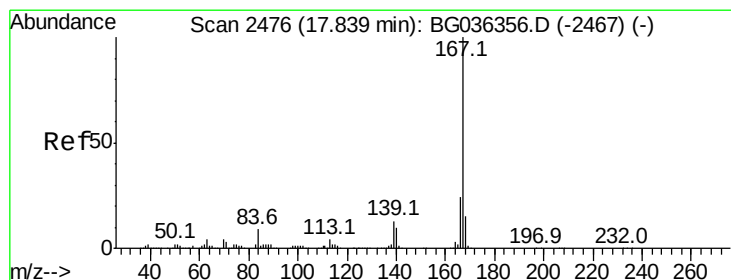
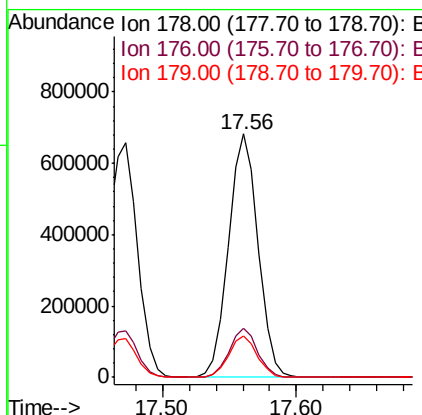
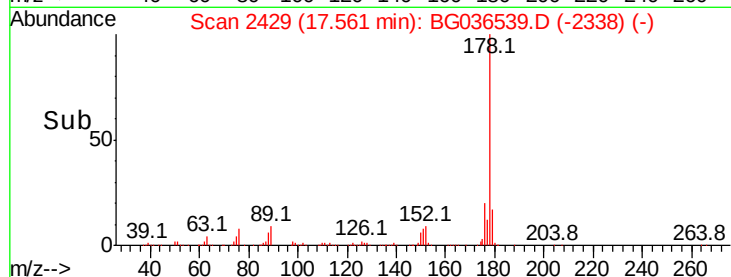
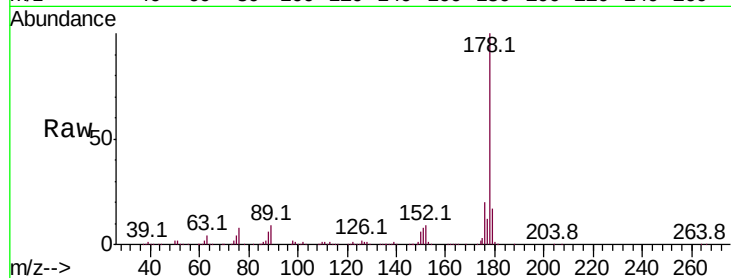
#71
 Anthracene
 Concen: 48.246 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion:178 Resp: 1048553
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.9 13.0 19.4

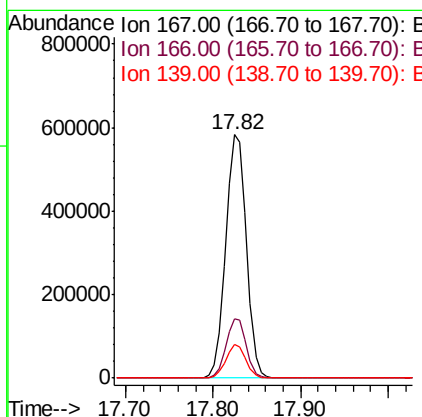
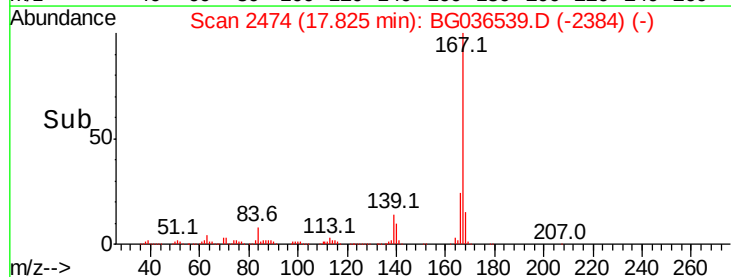
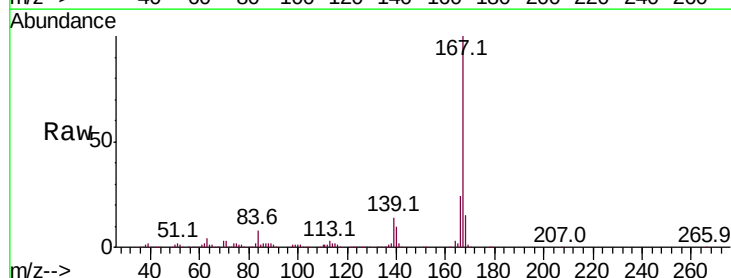
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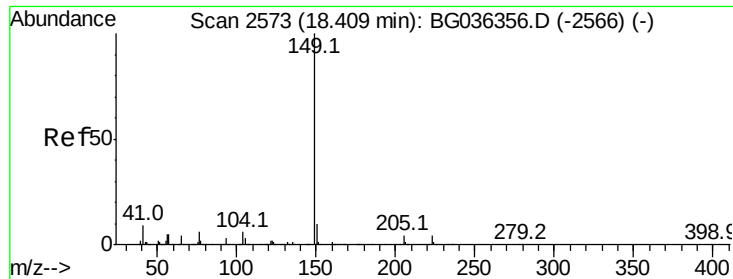
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#72
 Carbazole
 Concen: 43.665 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion:167 Resp: 947755
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.5 29.3
 139 13.9 10.7 16.1





#73

Di-n-butylphthalate

Concen: 44.715 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleID :

PB112577BS

Tot Ion:149 Resp: 1080772

Ion Ratio Lower Upper

149 100

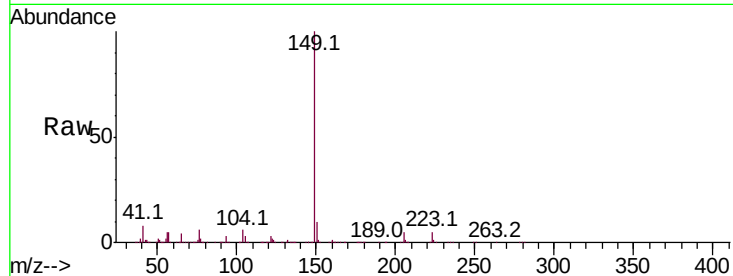
150 10.0 8.1 12.1

104 6.0 4.6 6.8

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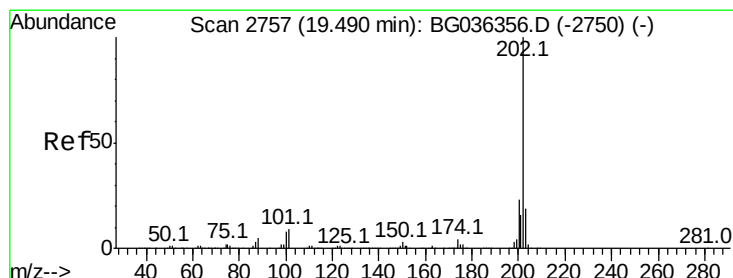
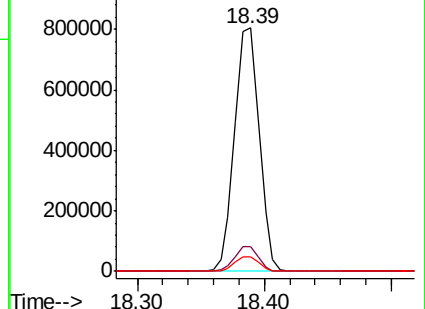
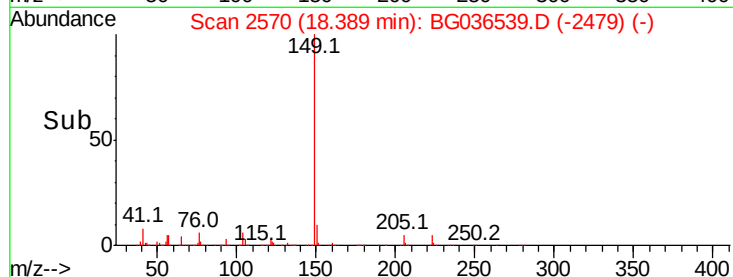
9/5/2018 3:13:08 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.715 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

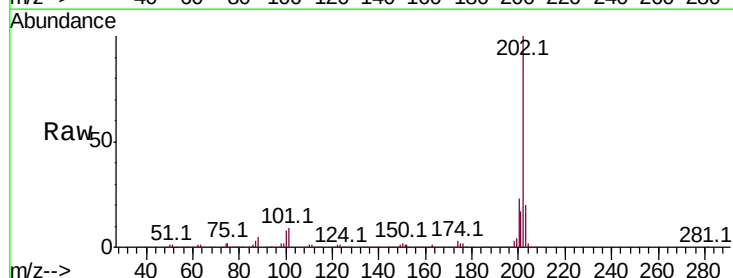
Tgt Ion:202 Resp: 1294962

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.4

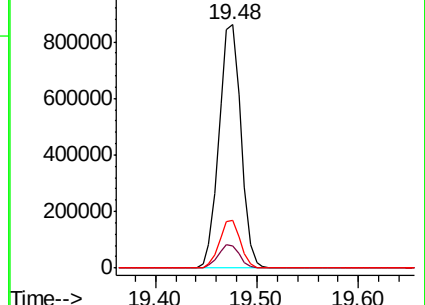
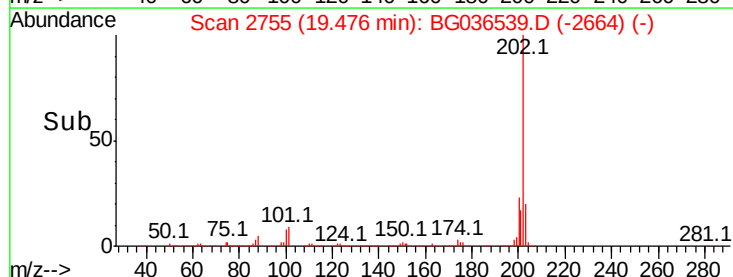
203 19.8 0.0 38.9

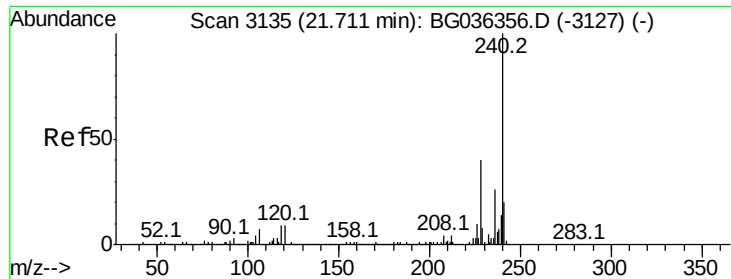


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

Instrument :

BNA_G

ClientSampleId :

PB112577BS

Tot Ion:240 Resp: 451289

Ion Ratio Lower Upper

240 100

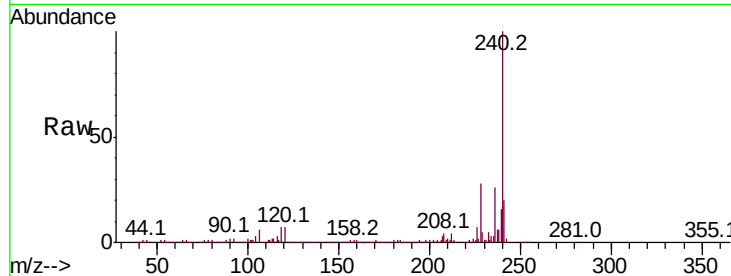
120 7.3 6.9 10.3

236 26.1 21.2 31.8

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Sohil

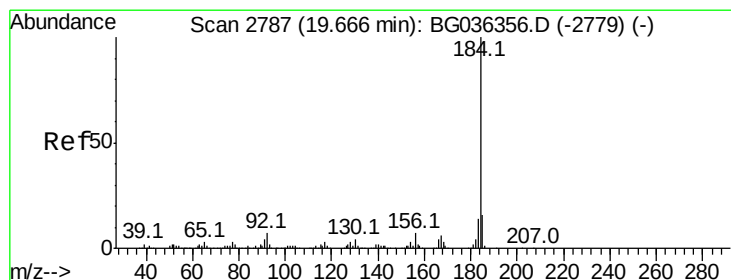
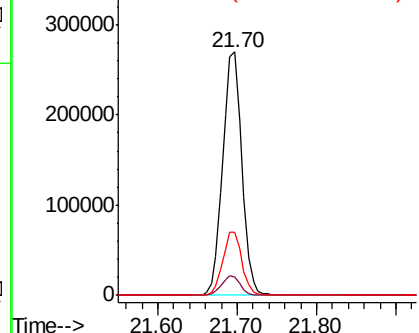
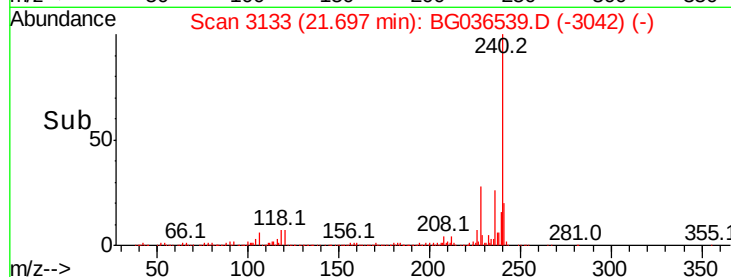
9/5/2018 3:13:08 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.363 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036539.D

Acq: 4 Sep 2018 19:46

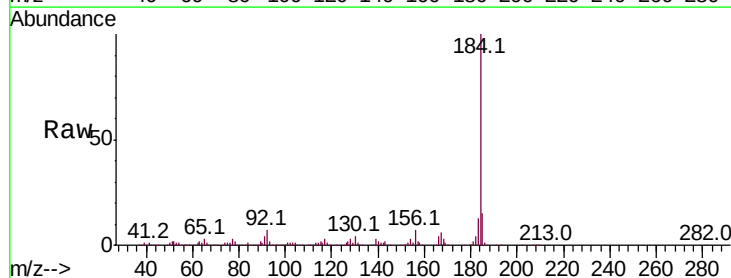
Tgt Ion:184 Resp: 609950

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

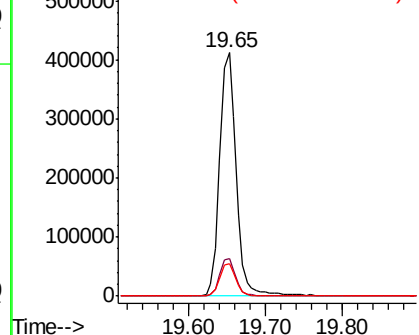
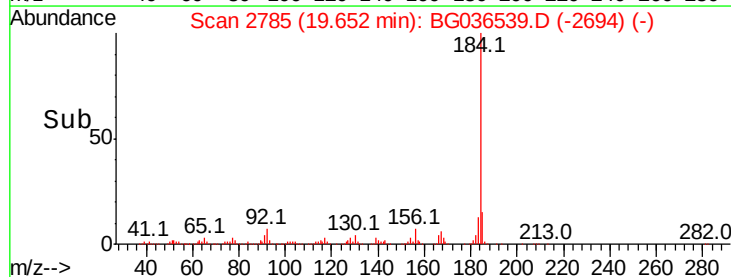
183 13.3 10.9 16.3

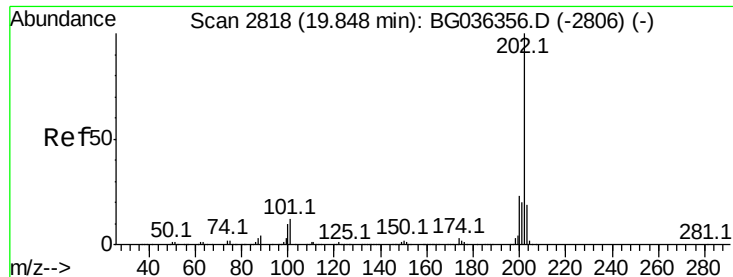


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





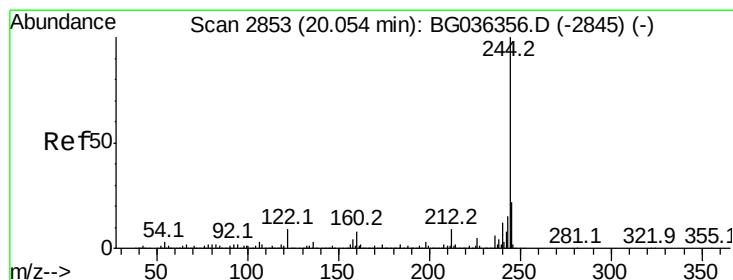
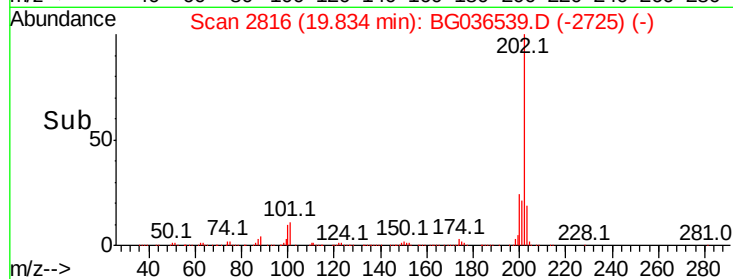
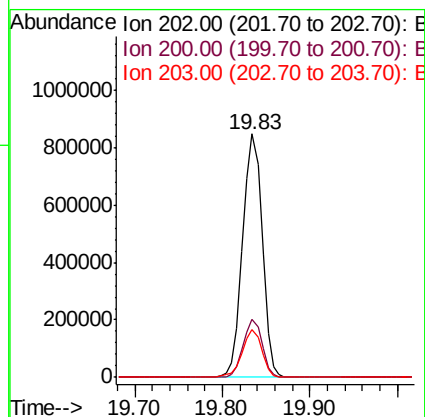
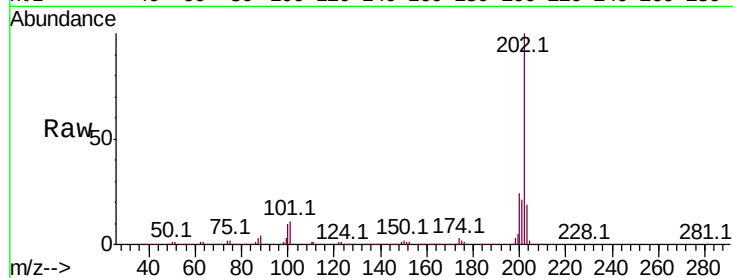
#77
Pvrene
Concen: 45.950 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.3	27.5
203	19.5	15.1	22.7

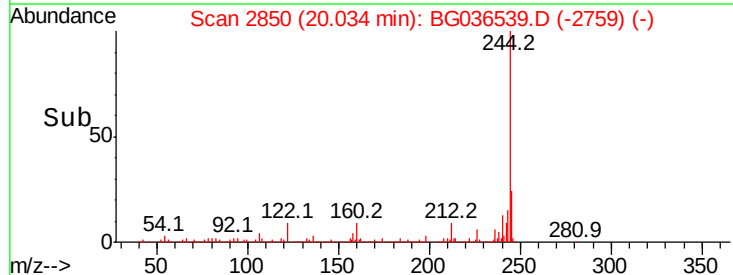
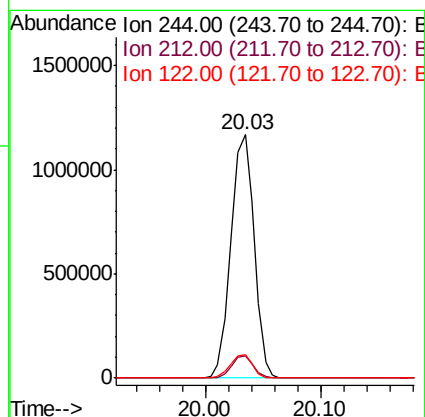
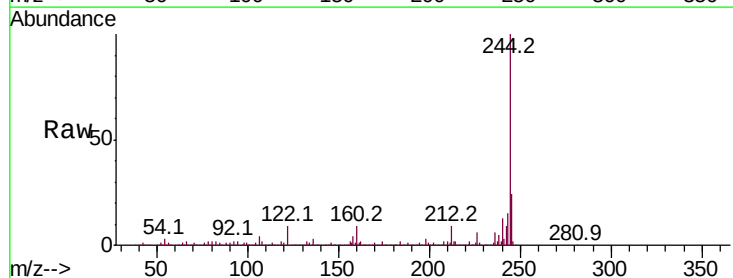
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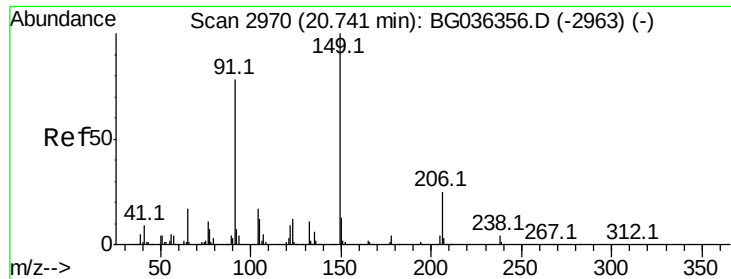
Sohil
9/5/2018 3:13:08 PM



#78
Terphenyl-d14
Concen: 84.523 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.4	7.1	10.7





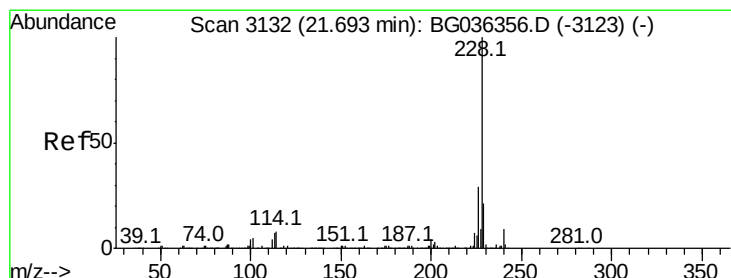
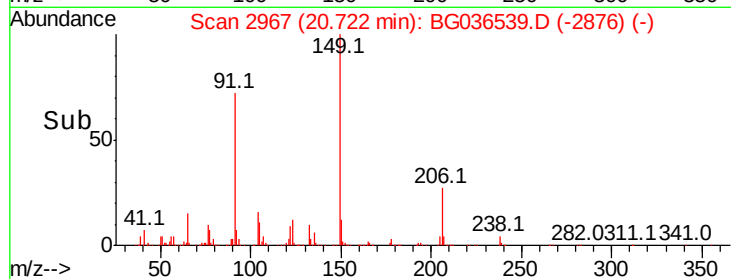
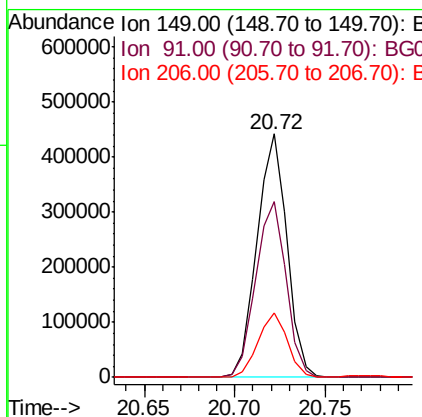
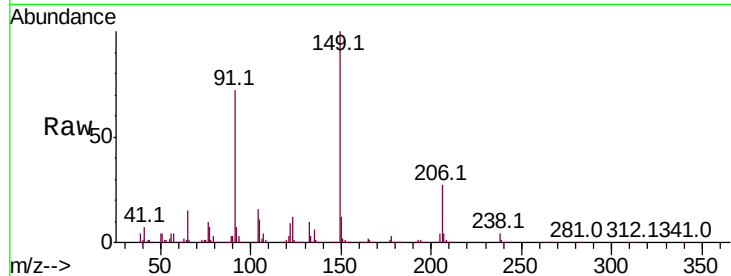
#79
Butylbenzylphthalate
Concen: 46.406 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	62.0	93.0
206	26.5	19.6	29.4

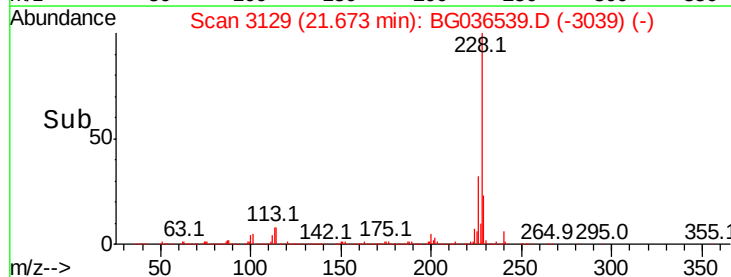
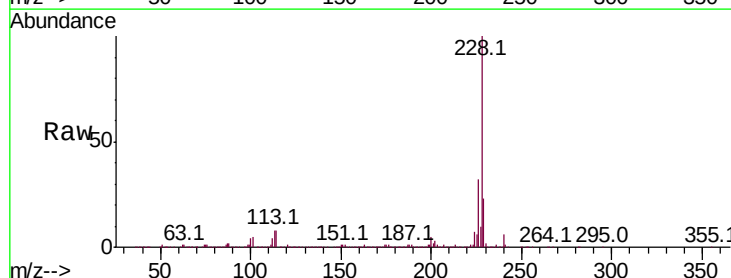
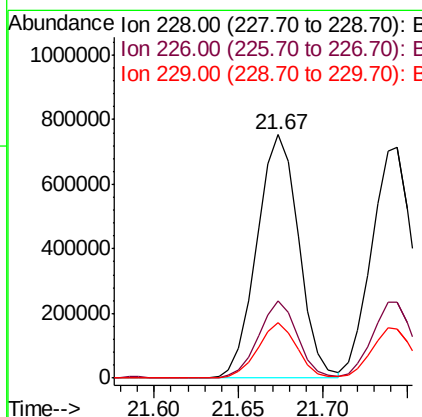
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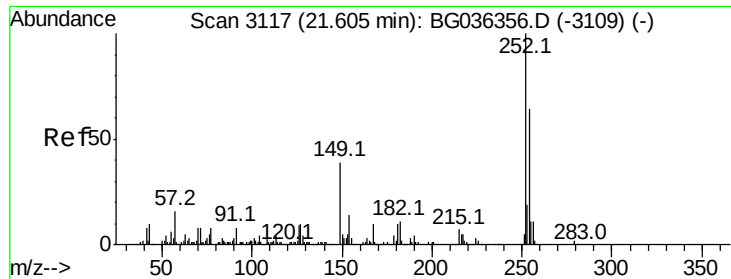
Sohil
9/5/2018 3:13:08 PM



#80
Benzo(a)anthracene
Concen: 47.464 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	22.6	17.1	25.7





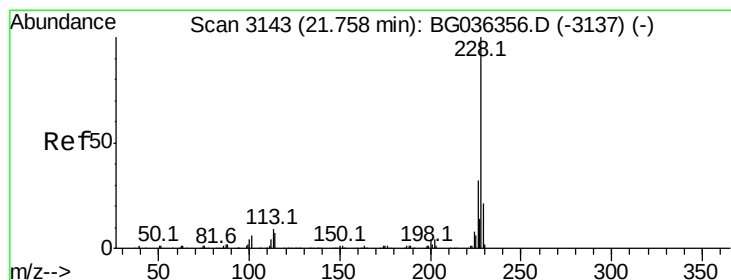
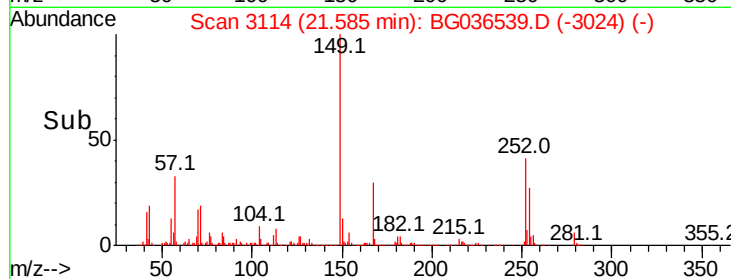
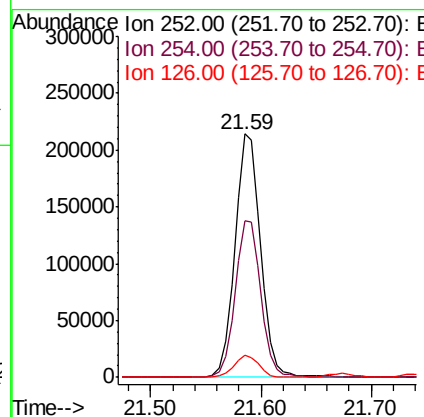
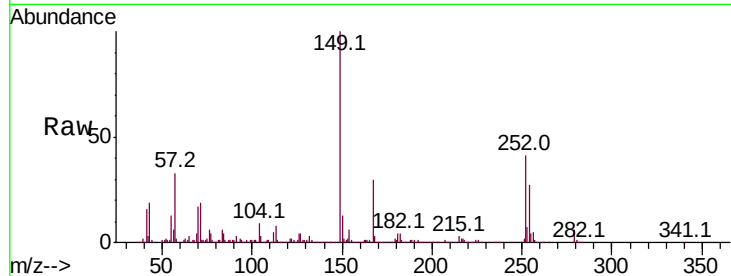
#81
 3,3'-Dichlorobenzidine
 Concen: 32.009 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.4
126	9.0	7.4	11.0

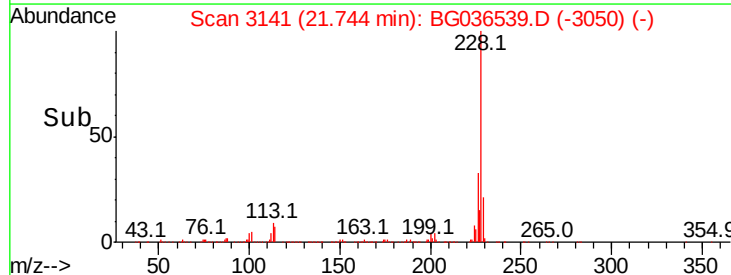
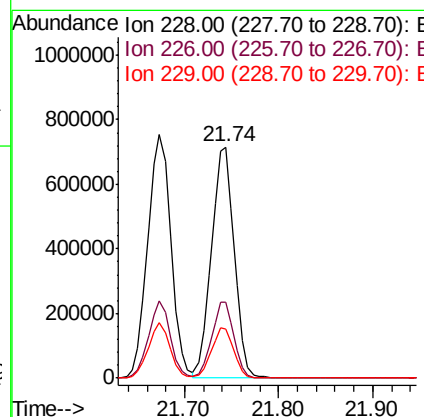
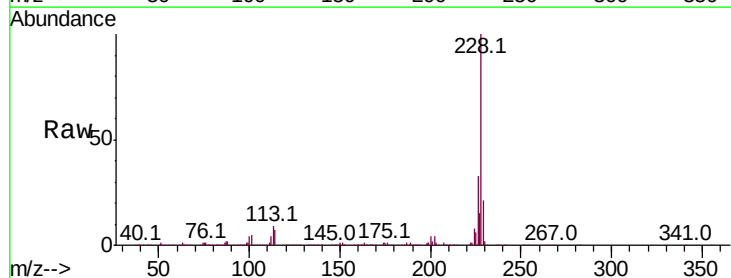
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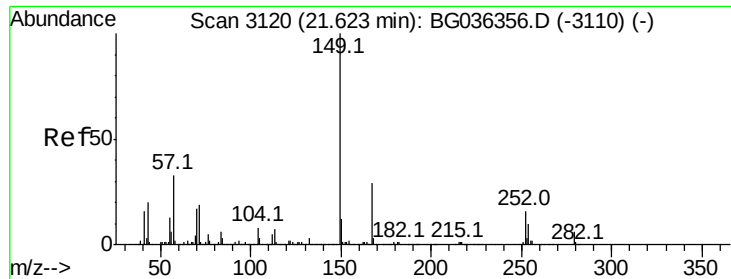
Sohil
 9/5/2018 3:13:08 PM



#82
 Chrysene
 Concen: 47.018 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.5	38.3
229	21.5	16.9	25.3





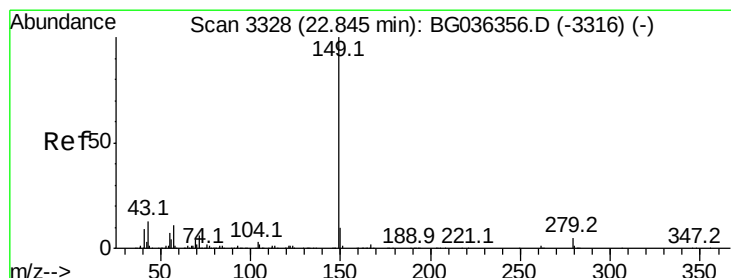
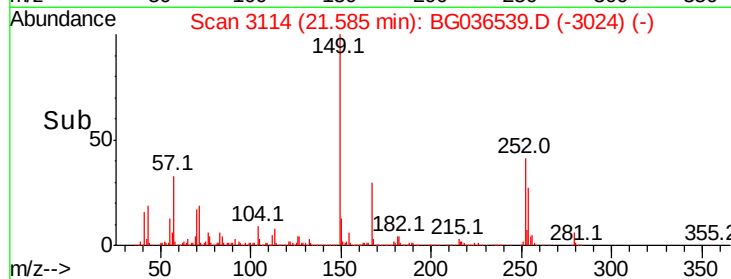
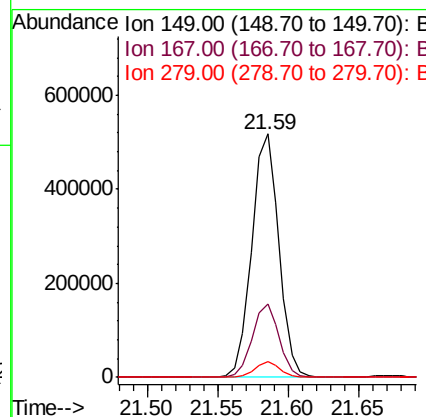
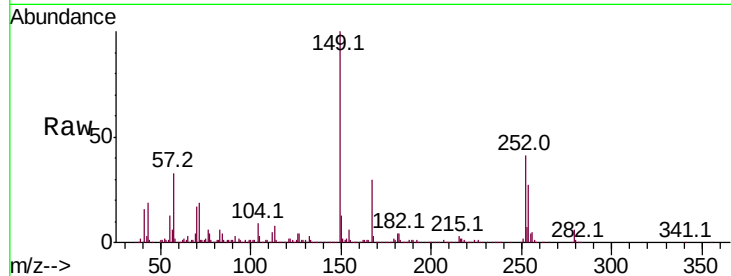
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.046 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	696177		
167	30.4	23.4	35.0	
279	6.4	4.6	7.0	

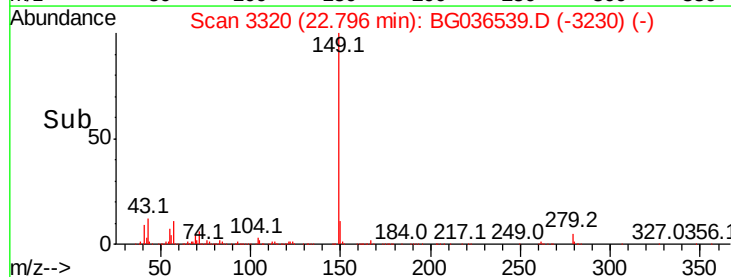
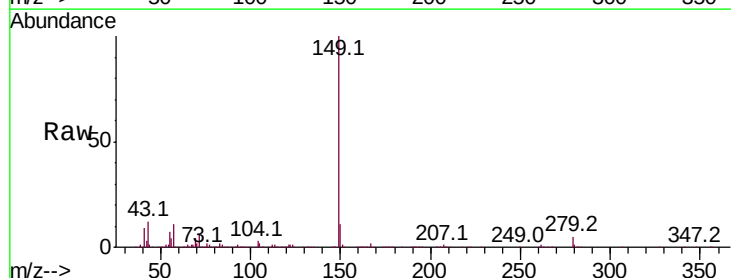
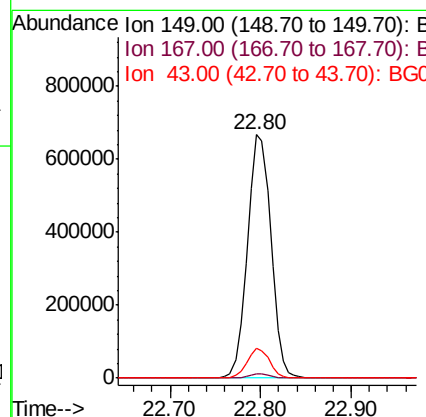
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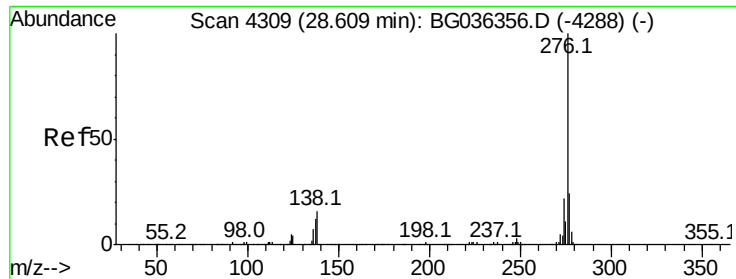
Sohil
 9/5/2018 3:13:08 PM



#84
 Di-n-octyl phthalate
 Concen: 46.448 ng
 RT: 22.80 min Scan# 3320
 Delta R.T. -0.00 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1199022		
167	1.8	1.3	1.9	
43	11.6	10.0	15.0	





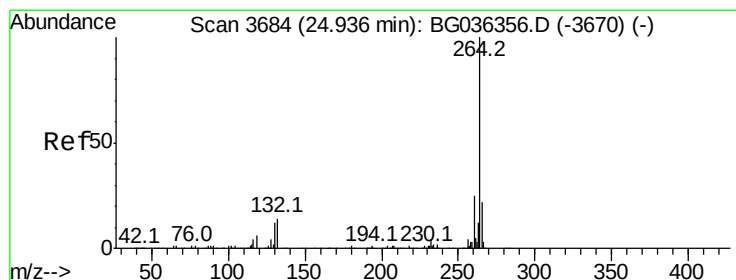
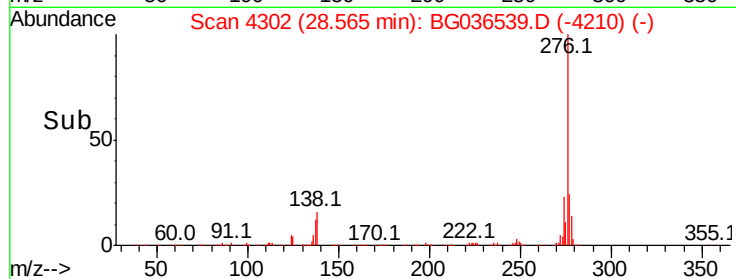
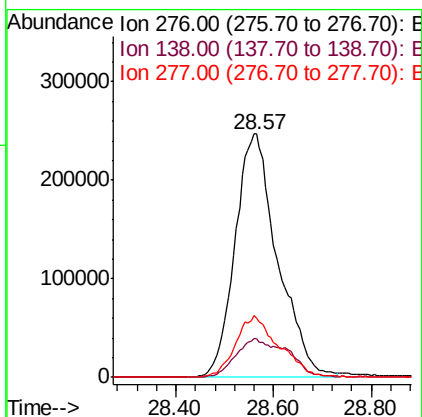
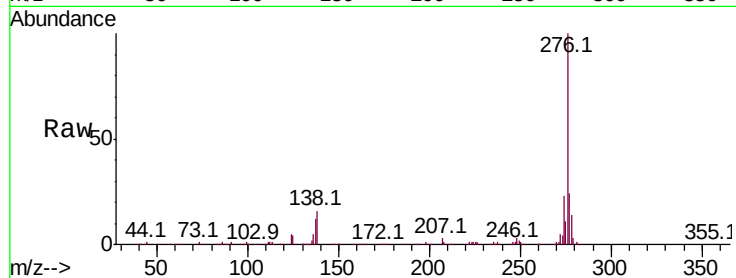
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.643 ng
RT: 28.57 min Scan# 4302
Delta R.T. 0.01 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	10.6	15.8#
277	25.9	20.6	30.8

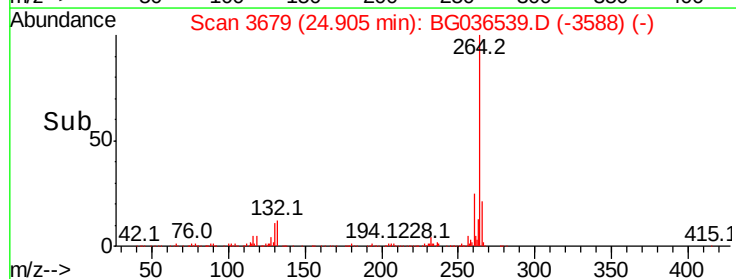
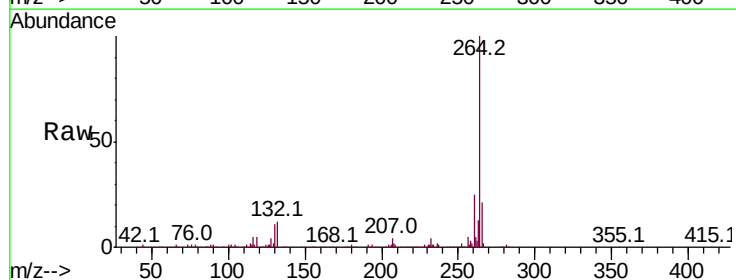
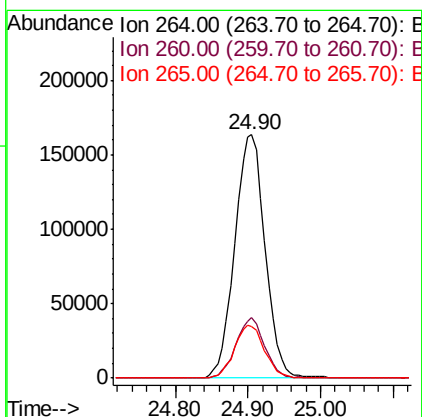
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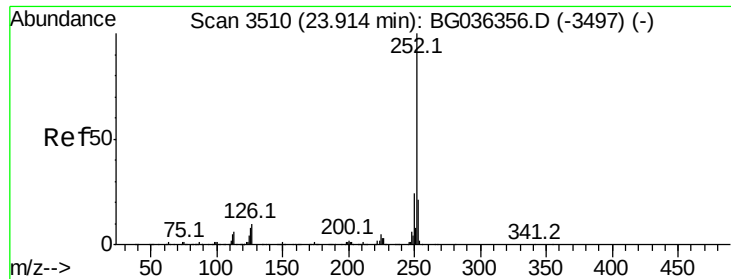
Sohil
9/5/2018 3:13:08 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.4	17.4	26.0





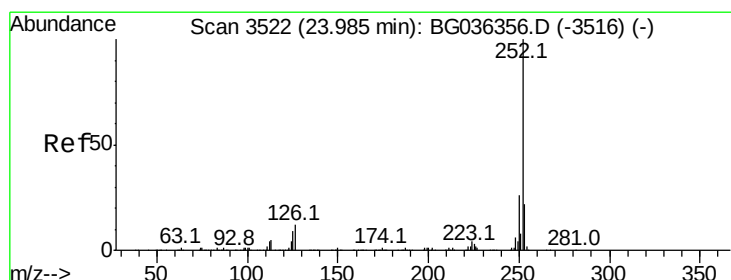
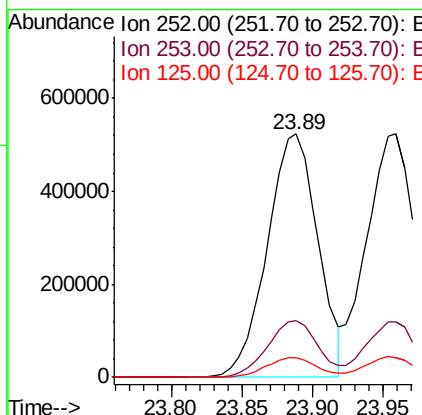
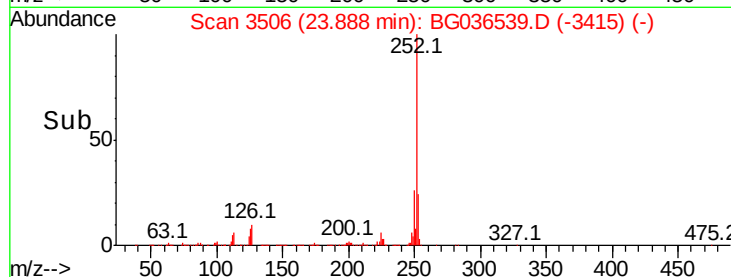
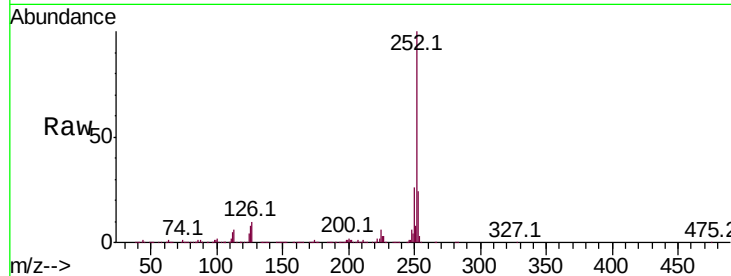
#87
Benzo(b)fluoranthene
Concen: 49.706 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion:252 Resp: 1309032
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 8.2 6.6 10.0

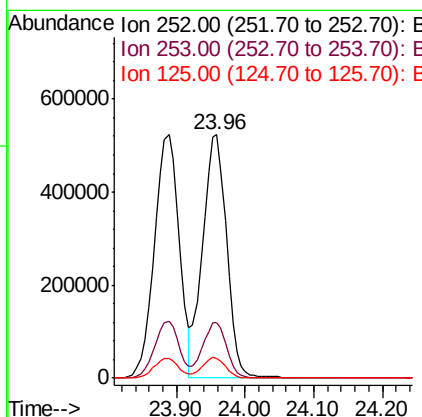
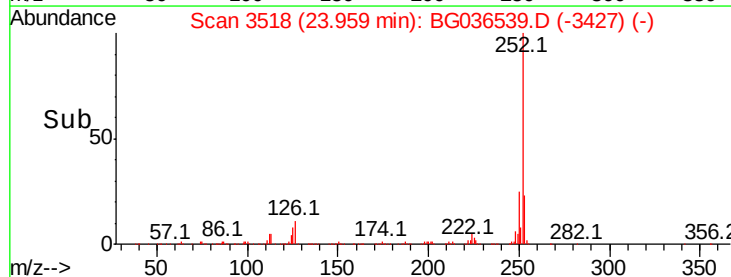
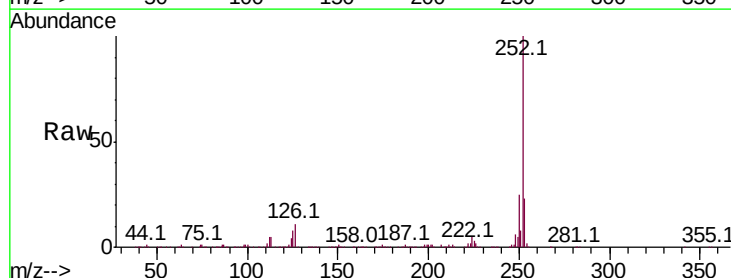
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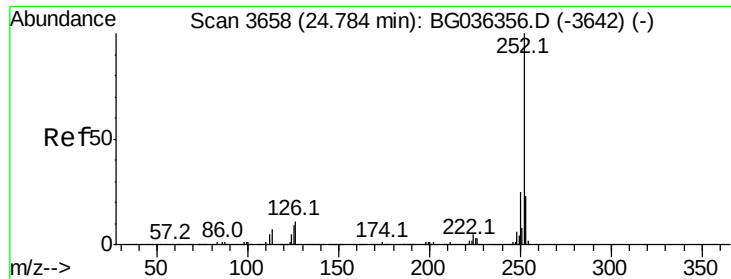
Sohil
9/5/2018 3:13:08 PM



#88
Benzo(k)fluoranthene
Concen: 49.687 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion:252 Resp: 1278397
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 8.1 7.0 10.6





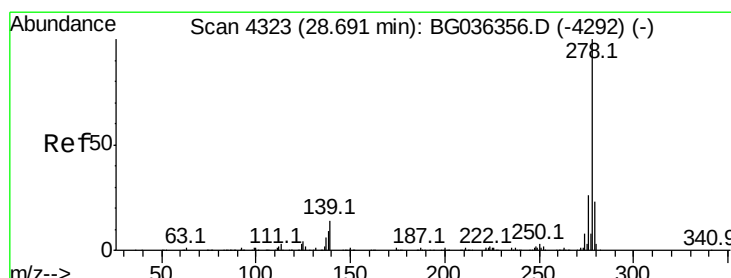
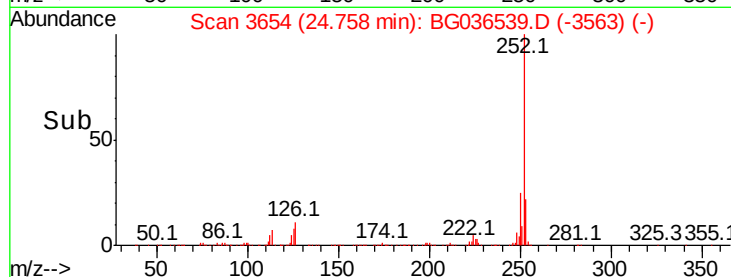
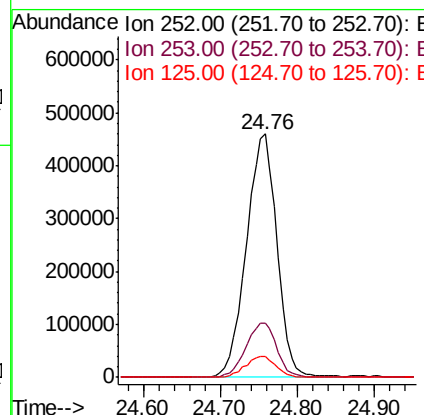
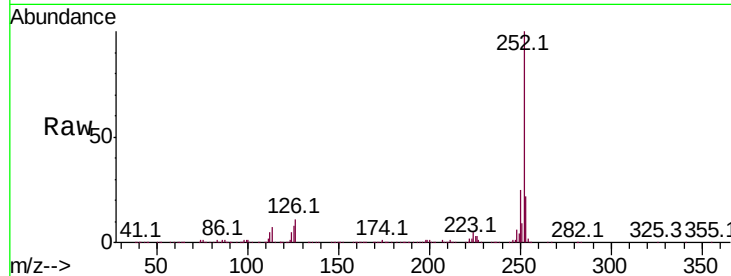
#89
Benzo(a)pyrene
Concen: 50.439 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Instrument :
BNA_G
ClientSampleId :
PB112577BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.3	7.3	10.9

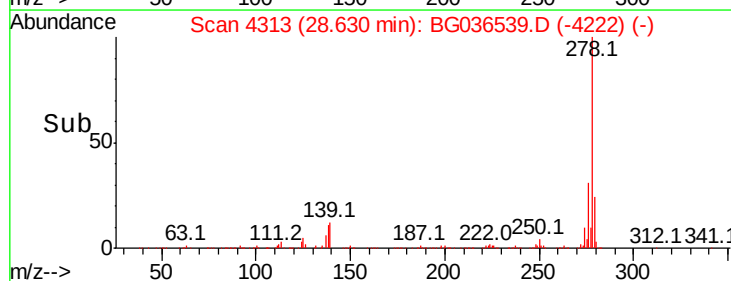
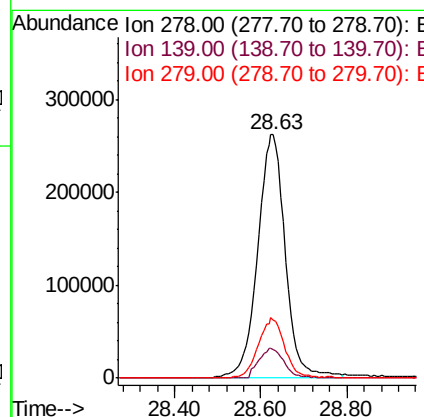
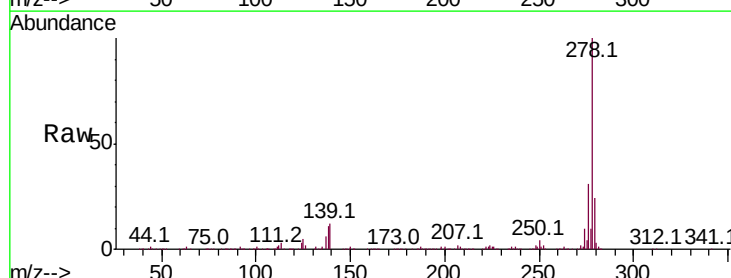
Manual Integrations
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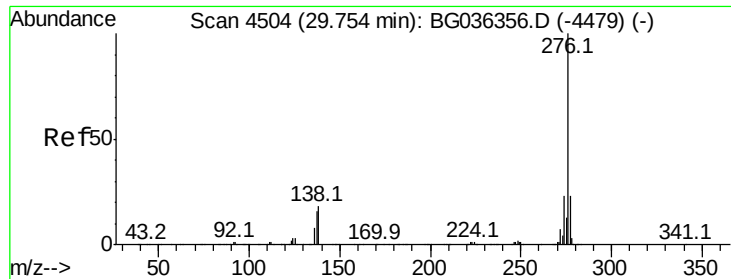
Sohil
9/5/2018 3:13:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.176 ng
RT: 28.63 min Scan# 4313
Delta R.T. 0.00 min
Lab File: BG036539.D
Acq: 4 Sep 2018 19:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.0	16.4
279	23.9	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 50.619 ng
 RT: 29.71 min Scan# 4496
 Delta R.T. 0.01 min
 Lab File: BG036539.D
 Acq: 4 Sep 2018 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB112577BS

Tot Ion:	276	Resp:	1242764
Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	16.3	14.6	22.0

Manual Integrations
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Sohil
 9/5/2018 3:13:08 PM

