

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036858.D
 Acq On : 21 Sep 2018 14:44
 Operator : JU/SJ
 Sample : PB113056BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:33 AM

Quant Time: Sep 21 17:05:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36419	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	172188	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	123977	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	356092	20.00	ng	0.00
75) Chrysene-d12	21.69	240	360742	20.00	ng	0.00
86) Perylene-d12	24.91	264	372998	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	310193	163.34	ng	0.00
7) Phenol-d6	7.21	99	429445	146.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	273323	85.00	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	220229	148.47	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	688414	82.70	ng	0.00
78) Terphenyl-d14	20.03	244	1331321	97.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37882	43.595	ng	94
3) Pyridine	3.92	79	96960	38.644	ng	99
4) n-Nitrosodimethylamine	3.83	42	54637	48.995	ng	# 96
6) Aniline	7.37	93	146121	38.328	ng	99
8) 2-Chlorophenol	7.61	128	107571	48.785	ng	94
9) Benzaldehyde	7.19	77	46815	24.113	ng	97
10) Phenol	7.24	94	148444	48.955	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	114131	40.690	ng	99
12) 1,3-Dichlorobenzene	7.94	146	112893	41.761	ng	99
13) 1,4-Dichlorobenzene	8.08	146	112760	40.760	ng	99
14) 1,2-Dichlorobenzene	8.40	146	108317	40.404	ng	94
15) Benzyl Alcohol	8.29	79	100218	42.038	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	215800	40.074	ng	97
17) 2-Methylphenol	8.49	107	99067	46.903	ng	98
18) Hexachloroethane	9.13	117	42231	41.483	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	94607	38.707	ng	# 94
20) 3+4-Methylphenols	8.82	107	137544	46.809	ng	98
22) Acetophenone	8.87	105	161744	39.973	ng	97
24) Nitrobenzene	9.25	77	138210	40.251	ng	97
25) Isophorone	9.78	82	270776	46.088	ng	97
26) 2-Nitrophenol	9.96	139	57241	41.822	ng	97
27) 2,4-Dimethylphenol	10.02	122	112697	52.860	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	156847	43.264	ng	100
29) 2,4-Dichlorophenol	10.50	162	119647	48.411	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	124390	40.218	ng	97
31) Naphthalene	10.90	128	355846	43.434	ng	100
32) Benzoic acid	10.17	122	42987	28.945	ng	95
33) 4-Chloroaniline	11.02	127	105336	28.278	ng	98
34) Hexachlorobutadiene	11.19	225	82433	38.540	ng	98
35) Caprolactam	11.79	113	49786m	48.943	ng	
36) 4-Chloro-3-methylphenol	12.13	107	142441	48.302	ng	98
37) 2-Methylnaphthalene	12.51	142	289777	46.440	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	161724	37.401	ng	98
40) Hexachlorocyclopentadiene	12.85	237	218379	98.197	ng	96

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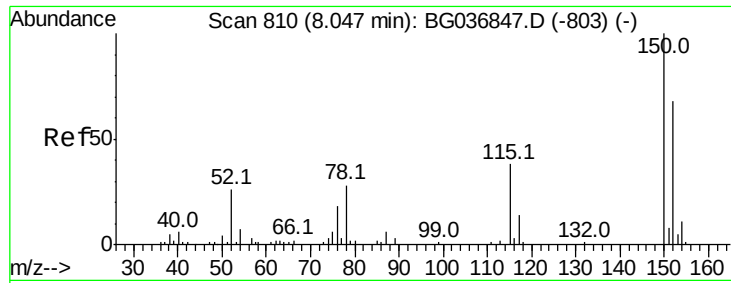
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	108479	45.177	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	117518	45.898	ng	97
45) 1,1'-Biphenyl	13.51	154	378481	39.862	ng	97
46) 2-Chloronaphthalene	13.55	162	294318	39.416	ng	99
47) 2-Nitroaniline	13.76	65	110897	42.939	ng	95
48) Acenaphthylene	14.40	152	518291	44.296	ng	98
49) Dimethylphthalate	14.13	163	432954	43.385	ng	98
50) 2,6-Dinitrotoluene	14.25	165	94578	43.438	ng	94
51) Acenaphthene	14.74	154	294591	41.658	ng	99
52) 3-Nitroaniline	14.59	138	72820	31.739	ng	98
53) 2,4-Dinitrophenol	14.79	184	103564	99.438	ng	94
54) Dibenzofuran	15.08	168	499261	41.739	ng	100
55) 4-Nitrophenol	14.89	139	150302	102.545	ng	95
56) 2,4-Dinitrotoluene	15.04	165	140487	46.240	ng	90
57) Fluorene	15.73	166	412345	46.122	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	127574	49.116	ng	96
59) Diethylphthalate	15.49	149	446294	44.341	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	235395	41.575	ng	97
61) 4-Nitroaniline	15.75	138	109815	45.503	ng	99
62) Azobenzene	16.01	77	430155	44.478	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	81831	43.955	ng	97
65) n-Nitrosodiphenylamine	15.93	169	378861	38.539	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	156552	38.651	ng	99
67) Hexachlorobenzene	16.73	284	161306	38.668	ng	98
68) Atrazine	16.88	200	177107	44.493	ng	99
69) Pentachlorophenol	17.07	266	189302	72.076	ng	97
70) Phenanthrene	17.47	178	737080	42.954	ng	99
71) Anthracene	17.56	178	748056	44.087	ng	99
72) Carbazole	17.83	167	678127	40.990	ng	98
73) Di-n-butylphthalate	18.38	149	792831	43.153	ng	99
74) Fluoranthene	19.47	202	929609	45.005	ng	99
76) Benzidine	19.65	184	483357	44.324	ng	98
77) Pyrene	19.83	202	913787	42.212	ng	100
79) Butylbenzylphthalate	20.72	149	348901	40.436	ng	94
80) Benzo(a)anthracene	21.67	228	895301	42.516	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	232436	28.998	ng	98
82) Chrysene	21.74	228	826602	40.626	ng	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	487727	40.462	ng	99
84) Di-n-octyl phthalate	22.78	149	827569	41.699	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1001164	45.822	ng	99
87) Benzo(b)fluoranthene	23.88	252	874665	44.002	ng	98
88) Benzo(k)fluoranthene	23.95	252	856785	42.962	ng	98
89) Benzo(a)pyrene	24.76	252	858053	44.649	ng	99
90) Dibenzo(a,h)anthracene	28.64	278	814314	45.212	ng	97
91) Benzo(g,h,i)perylene	29.72	276	825501	45.669	ng	97

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



#1

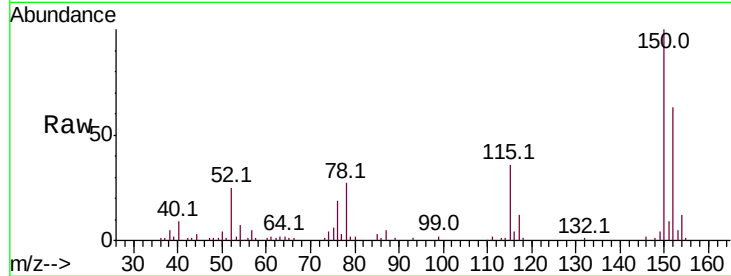
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	57.4	44.5	66.7

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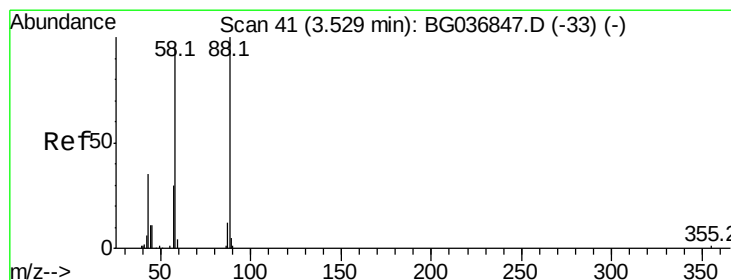
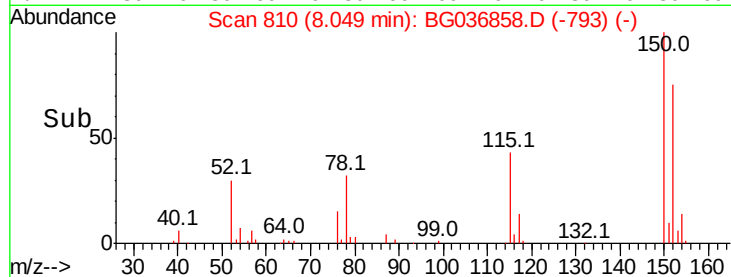
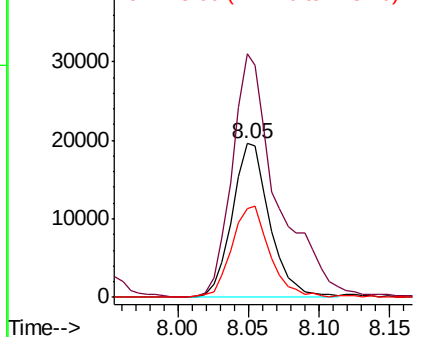


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

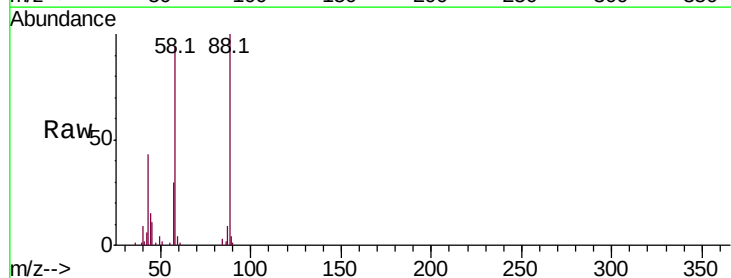
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.595 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	72.6	109.0
43	40.3	29.0	43.4

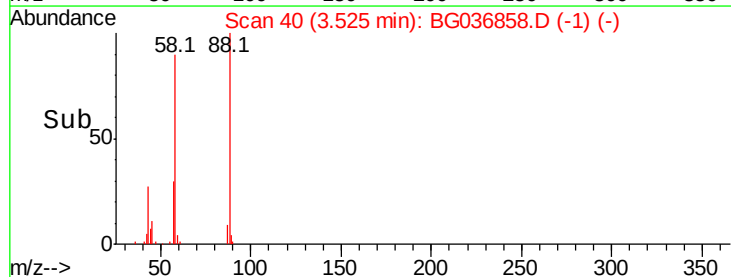
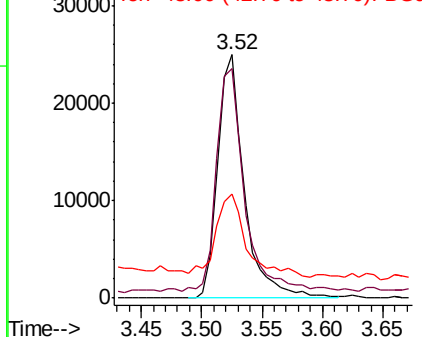


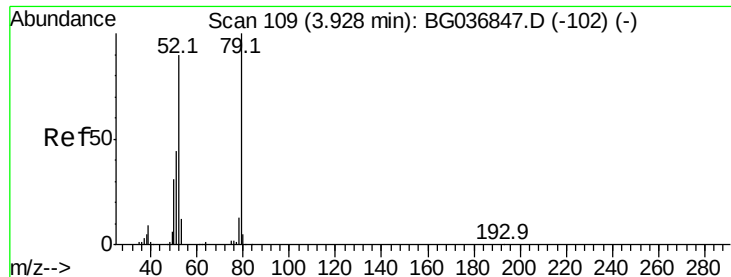
Abundance

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: 38.644 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

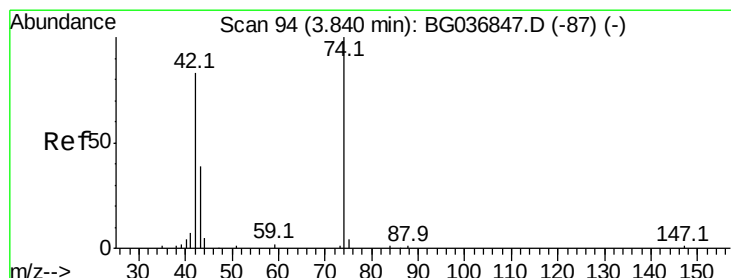
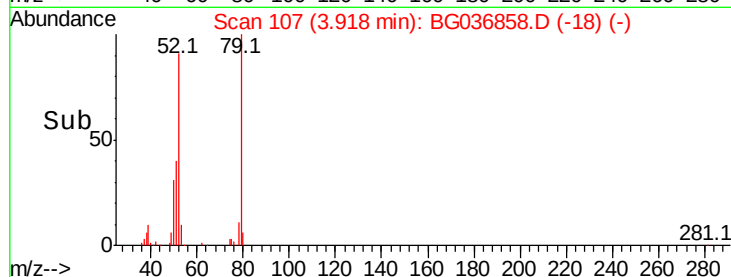
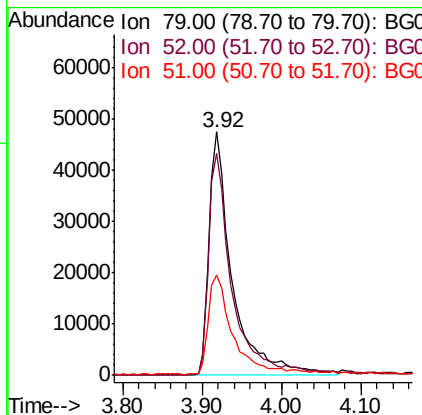
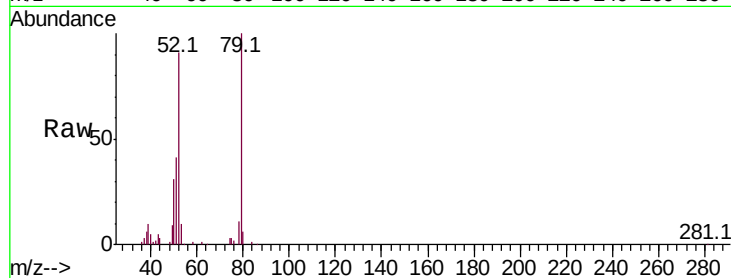
PB113056BS

Tot Ion:	79	Resp:	96960
Ion	Ratio	Lower	Upper
79	100		
52	91.1	72.3	108.5
51	41.1	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 48.995 ng

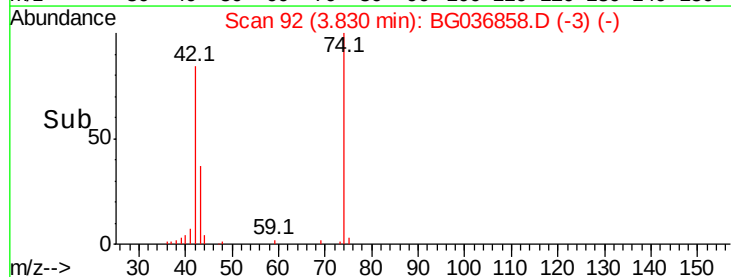
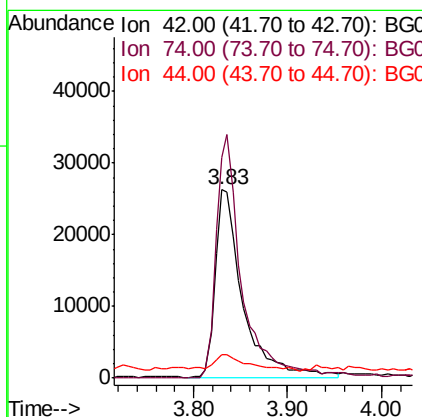
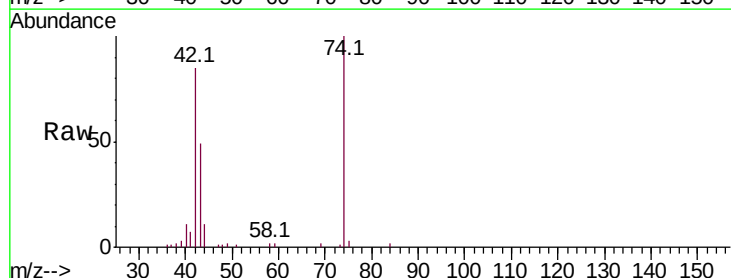
RT: 3.83 min Scan# 92

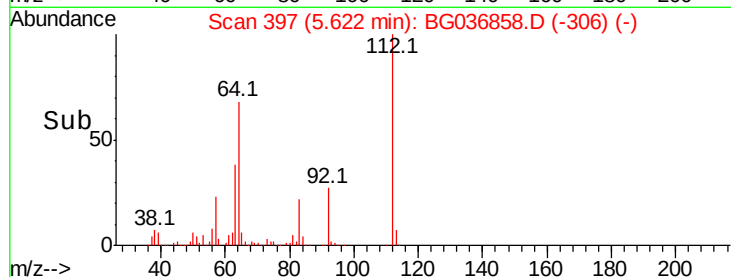
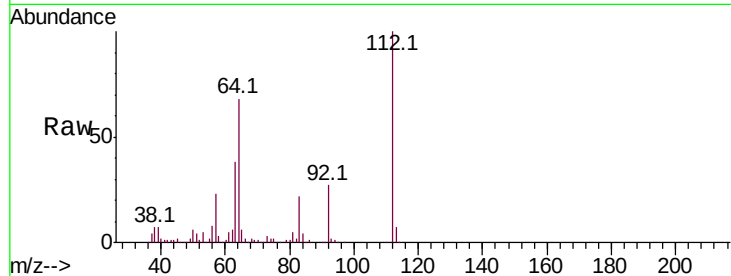
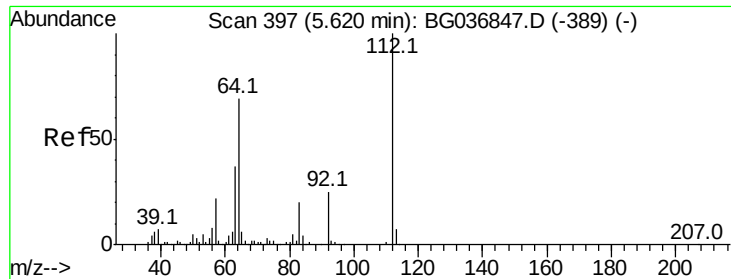
Delta R.T. -0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	42	Resp:	54637
Ion	Ratio	Lower	Upper
42	100		
74	117.3	96.6	145.0
44	12.5	7.0	10.4#





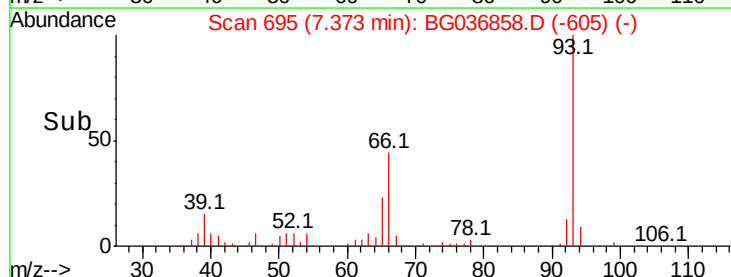
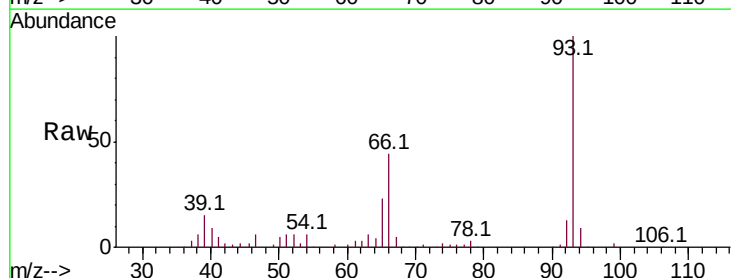
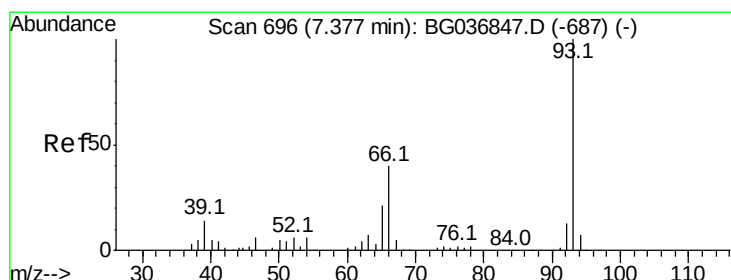
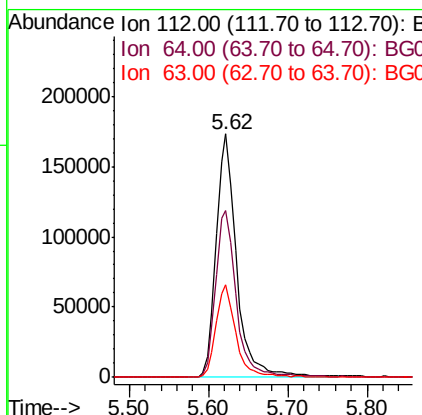
#5
2-Fluorophenol
Concen: 163.344 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tot Ion	Ratio	Resp	Lower	Upper
112	100	310193		
64	68.3	57.2	85.8	
63	37.9	30.8	46.2	

Instrument :
BNA_G
ClientSampleId :
PB113056BS

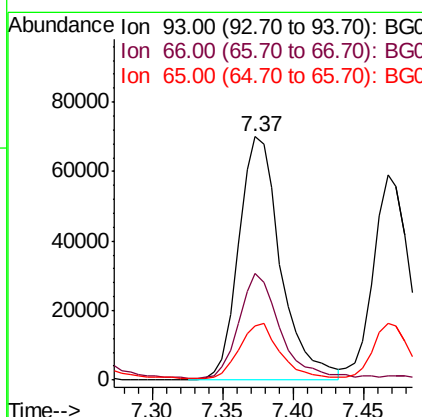
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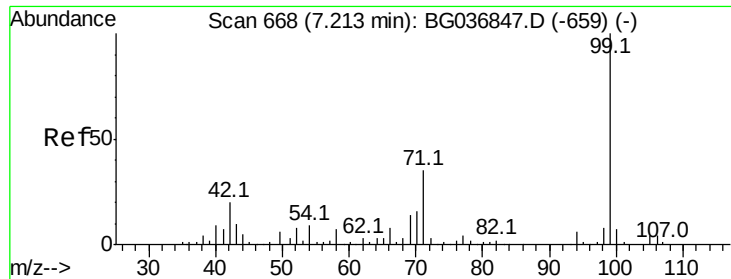
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#6
Aniline
Concen: 38.328 ng
RT: 7.37 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	146121		
66	44.0	35.0	52.4	
65	22.5	17.6	26.4	





#7

Phenol-d6

Concen: 146.164 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

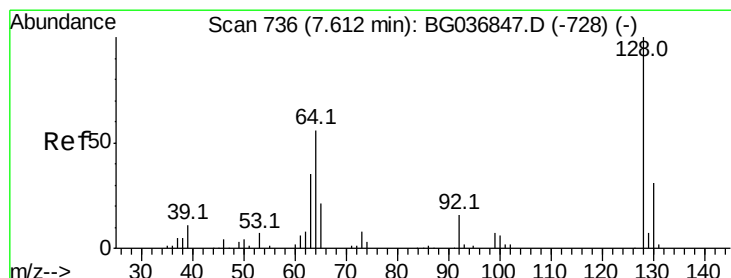
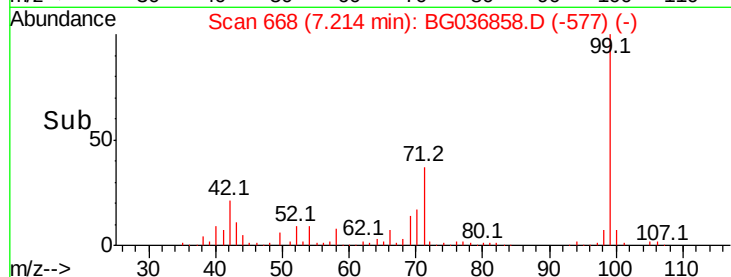
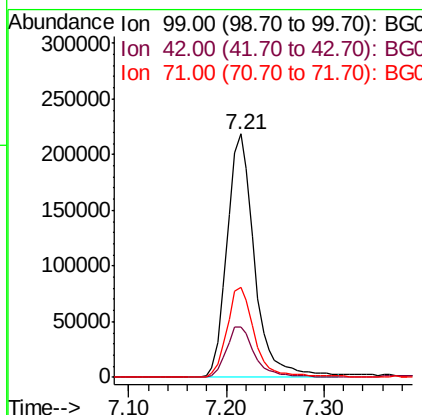
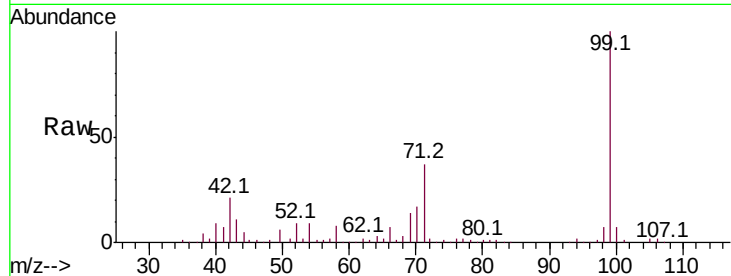
ClientSampled :

PB113056BS

Tot Ion:	99	Resp:	429445
Ion Ratio	Lower	Upper	
99	100		
42	20.7	16.5	24.7
71	36.7	29.4	44.2

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#8

2-Chlorophenol

Concen: 48.785 ng

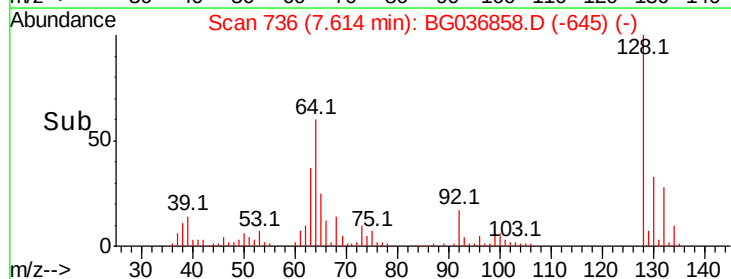
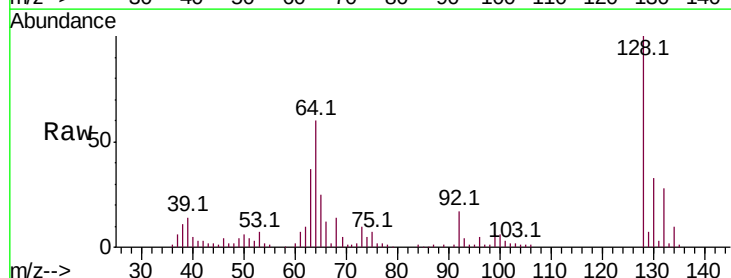
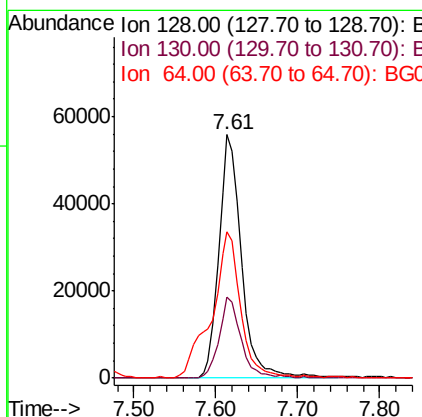
RT: 7.61 min Scan# 736

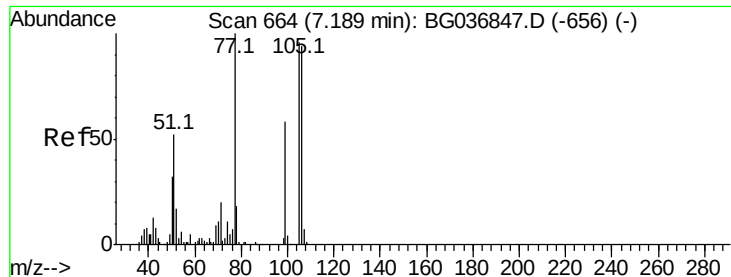
Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	128	Resp:	107571
Ion Ratio	Lower	Upper	
128	100		
130	33.4	10.0	50.0
64	60.2	36.0	76.0





#9

Benzaldehyde

Concen: 24.113 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

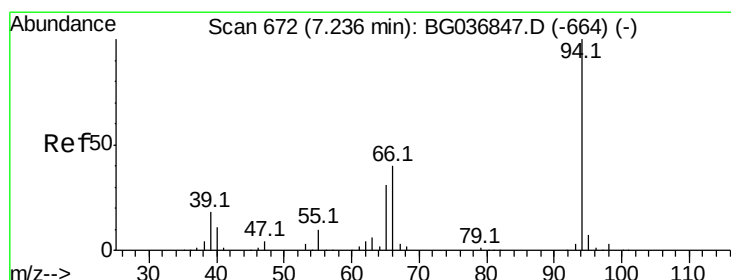
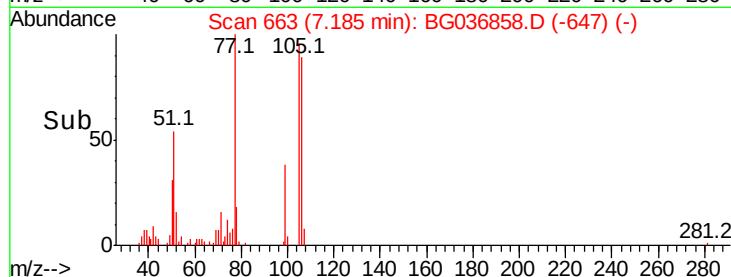
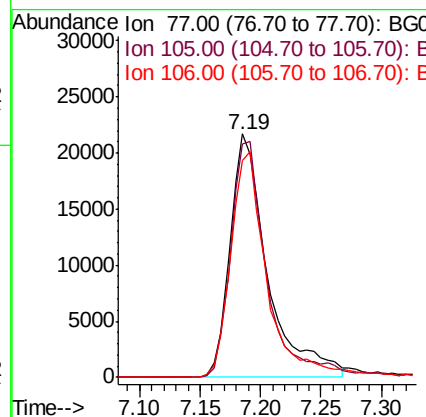
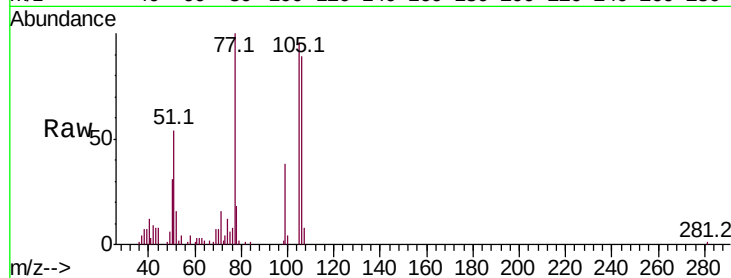
ClientSampleId :

PB113056BS

Tot Ion:	77	Resp:	46815
Ion	Ratio	Lower	Upper
77	100		
105	95.9	70.5	110.5
106	89.1	69.8	109.8

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#10

Phenol

Concen: 48.955 ng

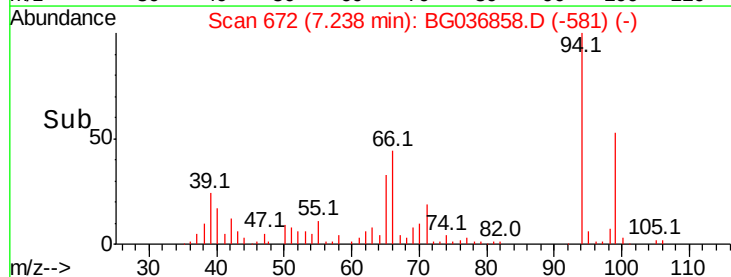
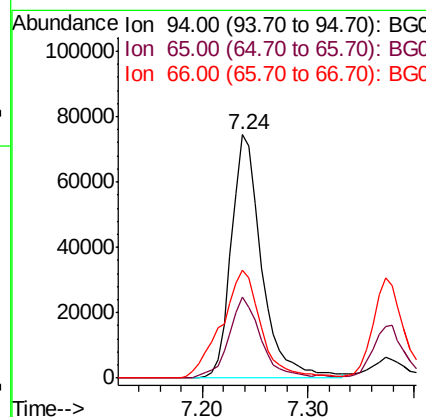
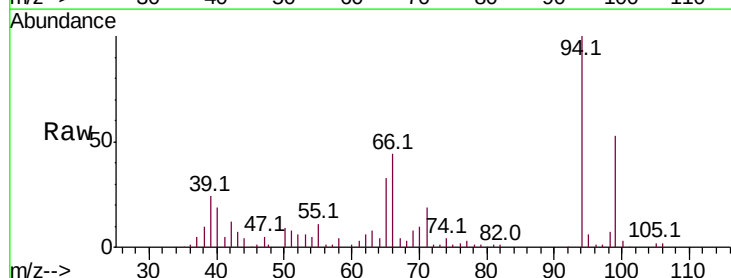
RT: 7.24 min Scan# 672

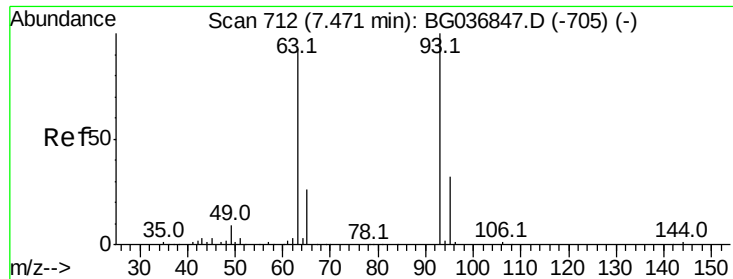
Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	94	Resp:	148444
Ion	Ratio	Lower	Upper
94	100		
65	33.0	11.5	51.5
66	44.2	19.5	59.5





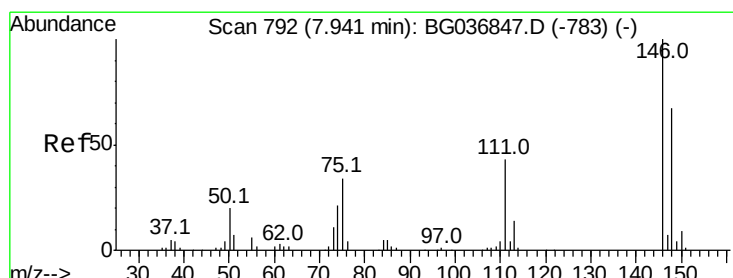
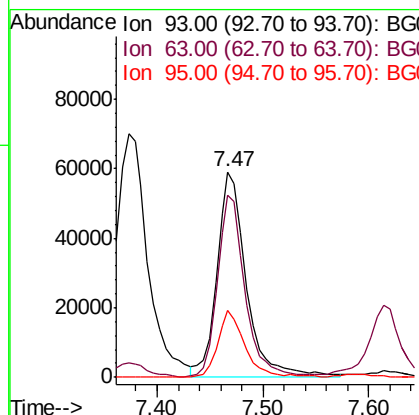
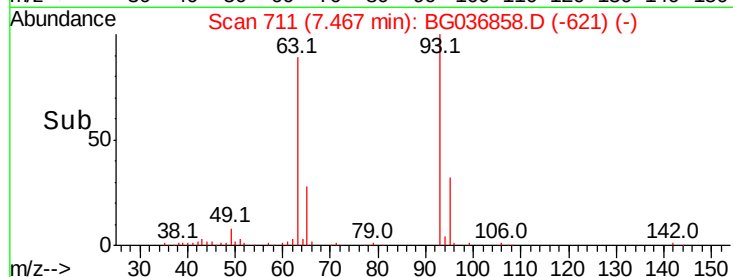
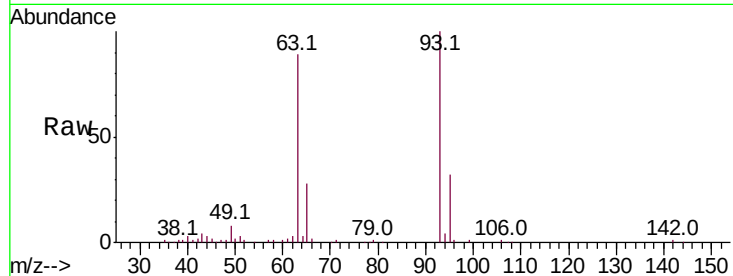
#11
 bis(2-Chloroethyl)ether
 Concen: 40.690 ng
 RT: 7.47 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion:	93	Resp:	114131
Ion Ratio	Lower	Upper	
93	100		
63	88.7	69.9	109.9
95	32.3	11.7	51.7

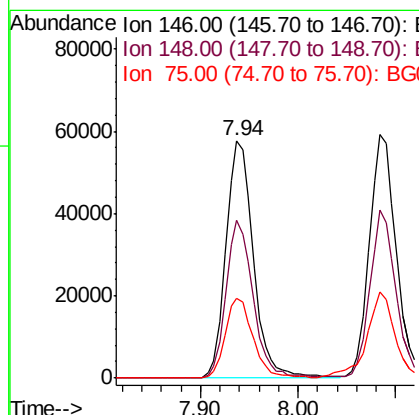
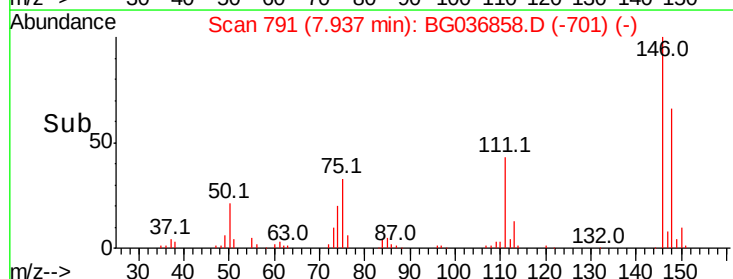
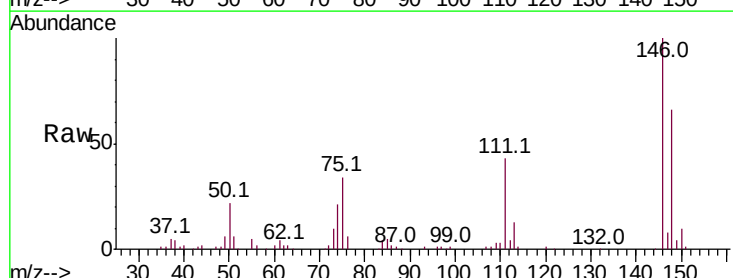
Manual Integrations
 APPROVED

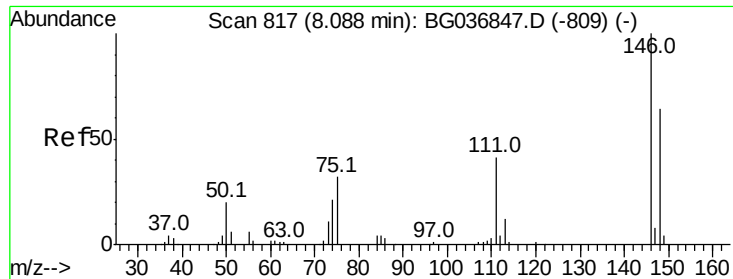
Sohil
 9/24/2018 9:29:33 AM



#12
 1,3-Dichlorobenzene
 Concen: 41.761 ng
 RT: 7.94 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:	146	Resp:	112893
Ion Ratio	Lower	Upper	
146	100		
148	66.4	53.8	80.6
75	33.7	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 40.760 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

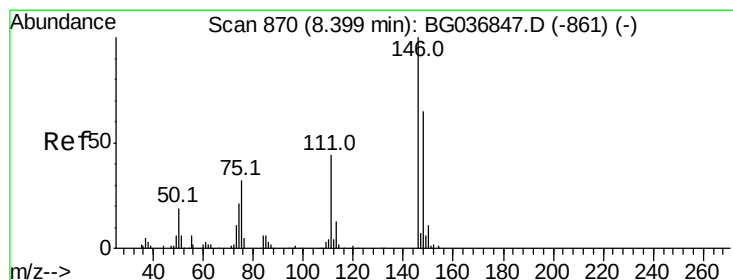
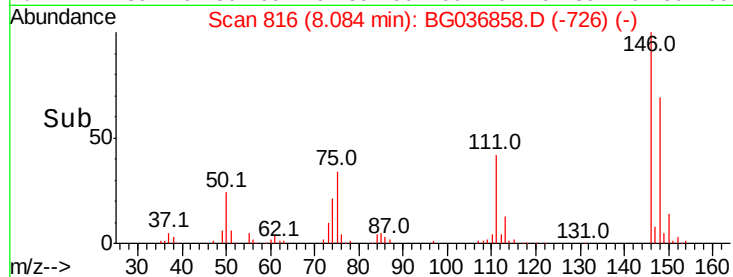
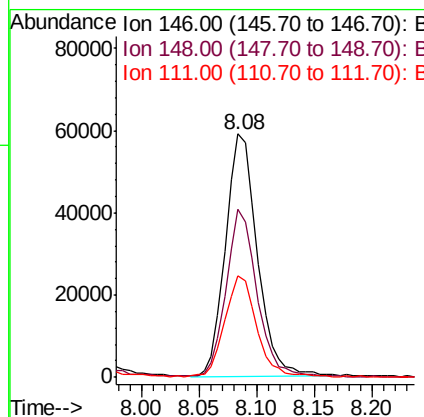
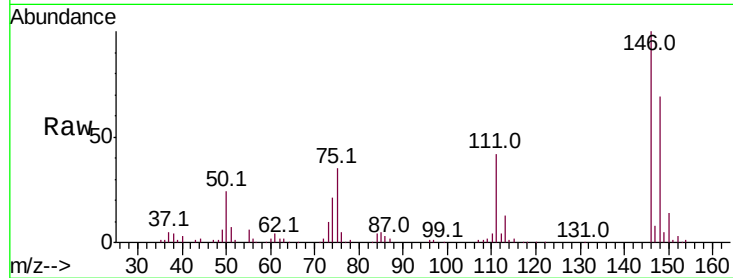
PB113056BS

Tot Ion:	146	Resp:	112760
Ion Ratio	Lower	Upper	
146	100		
148	68.9	53.9	80.9
111	41.6	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.404 ng

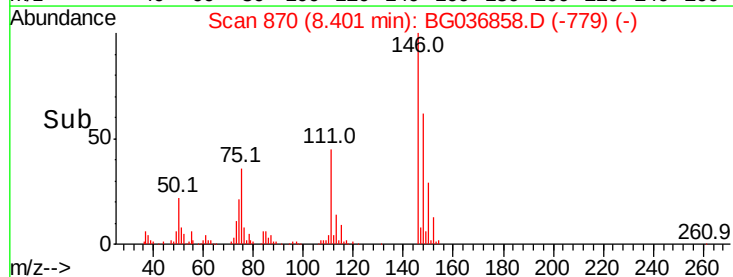
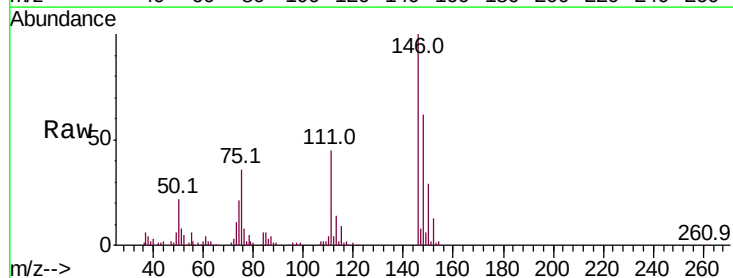
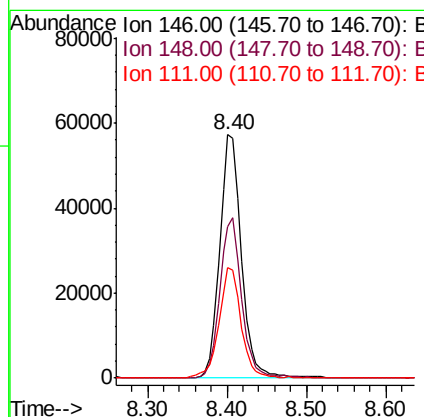
RT: 8.40 min Scan# 870

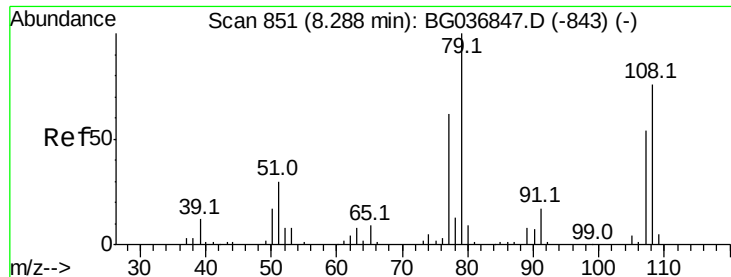
Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	146	Resp:	108317
Ion Ratio	Lower	Upper	
146	100		
148	62.0	55.0	82.6
111	45.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.038 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

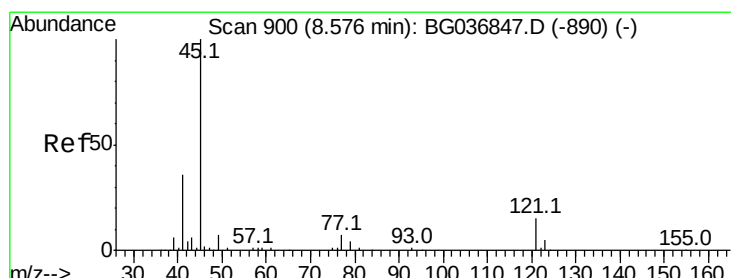
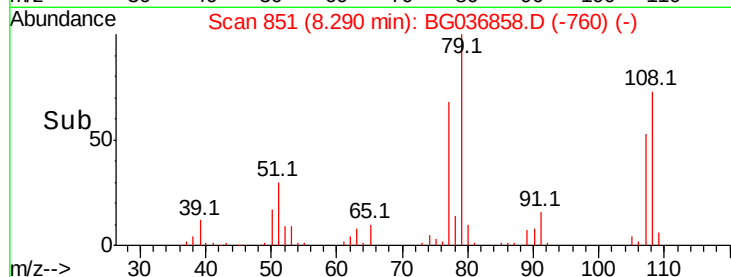
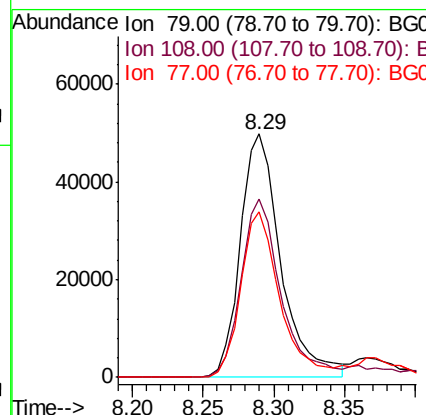
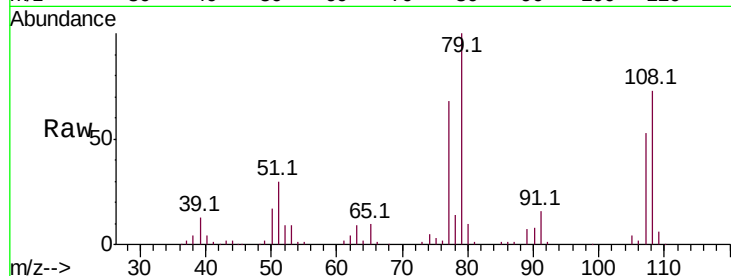
ClientSampleId :

PB113056BS

Tot Ion:	79	Resp:	100218
Ion Ratio	Lower	Upper	
79	100		
108	73.2	55.9	83.9
77	67.8	50.0	75.0

Manual Integrations
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9/24/2018 9:29:33 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.074 ng

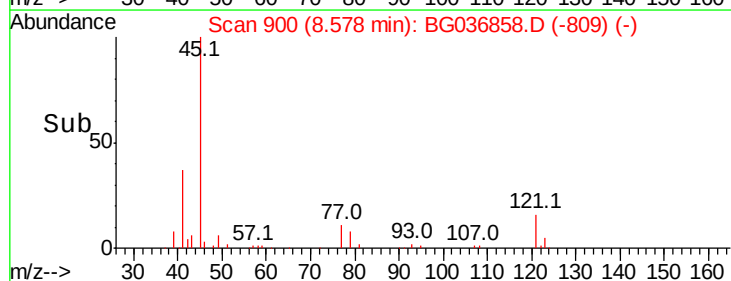
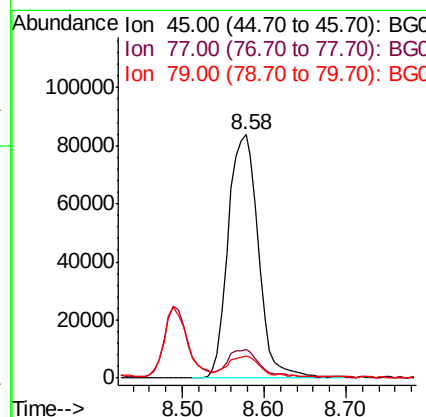
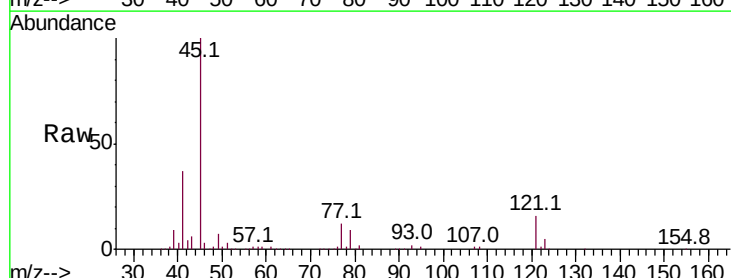
RT: 8.58 min Scan# 900

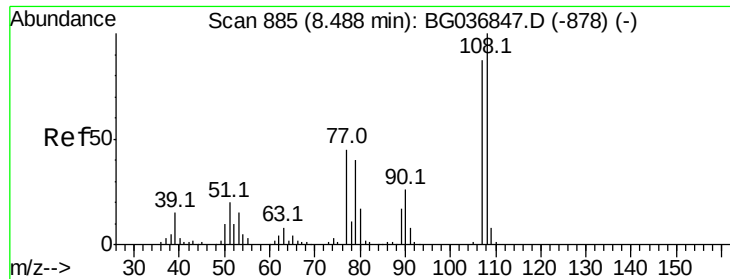
Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	45	Resp:	215800
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	30.5
79	8.9	0.0	27.9





#17

2-Methylphenol

Concen: 46.903 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

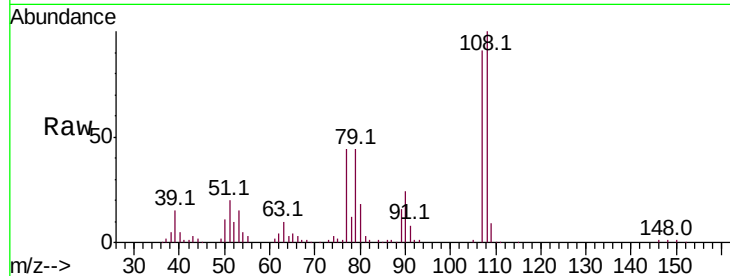
PB113056BS

Tot Ion:	107	Resp:	99067
Ion Ratio	Lower	Upper	
107	100		
108	110.0	86.7	130.1
77	48.4	39.0	58.4
79	48.0	36.6	54.8

Manual Integrations
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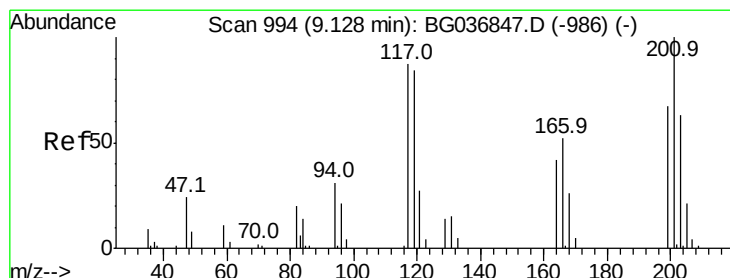
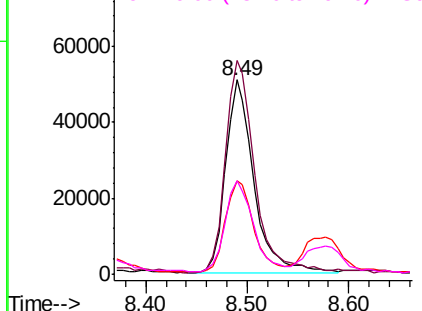
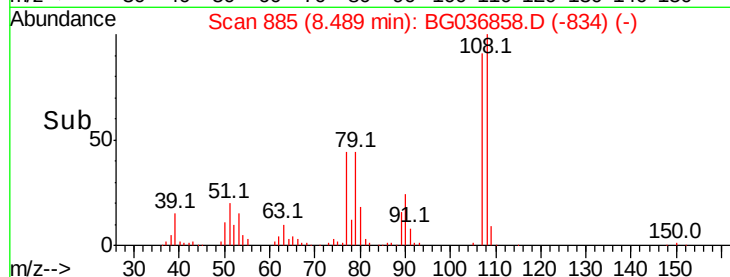
Abundance

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: 41.483 ng

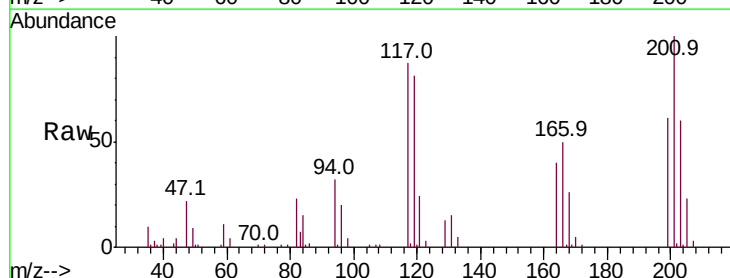
RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	117	Resp:	42231
Ion Ratio	Lower	Upper	
117	100		
119	93.5	76.8	115.2
201	115.4	85.7	128.5

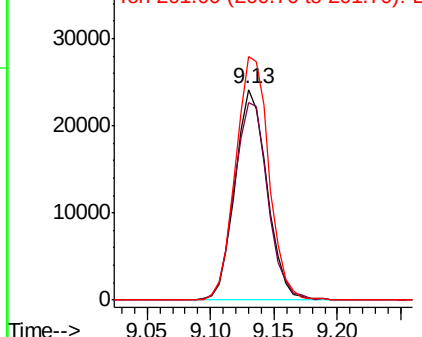
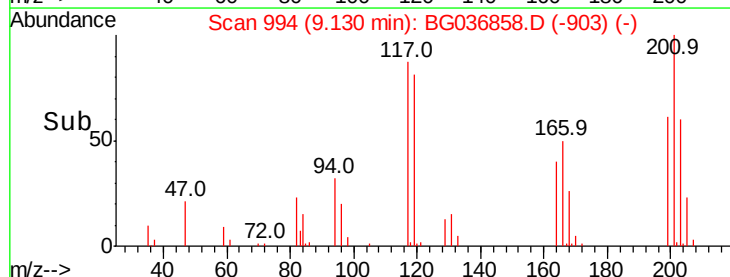


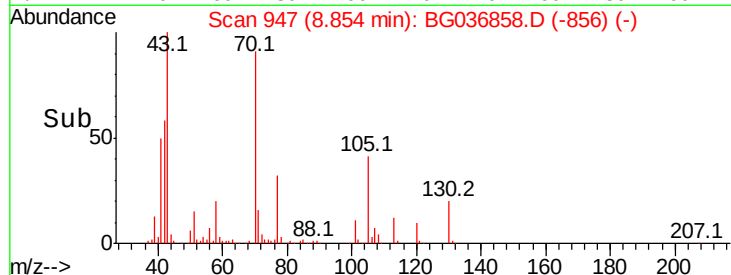
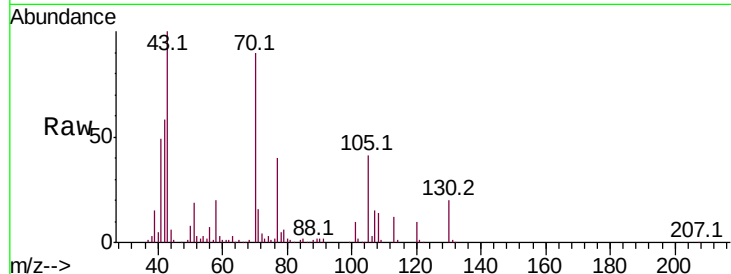
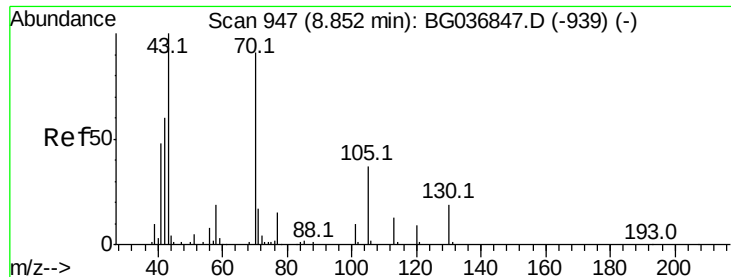
Abundance

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





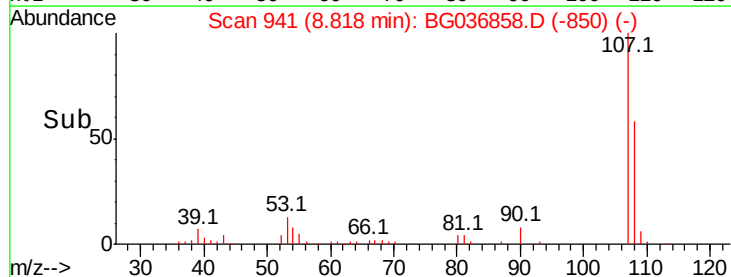
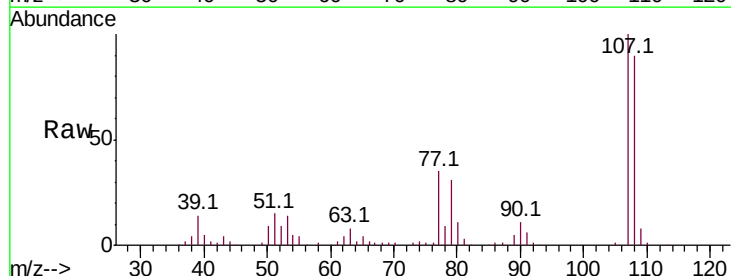
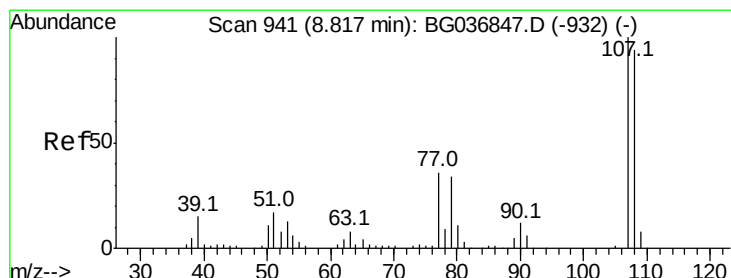
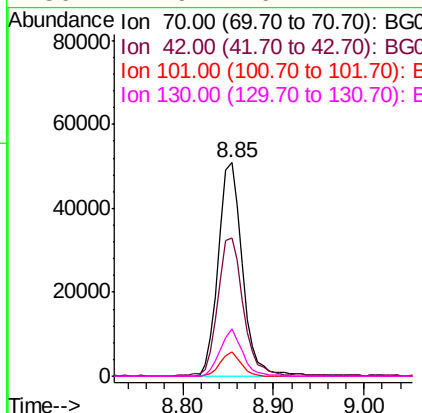
#19
n-Nitroso-di-n-propylamine
Concen: 38.707 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.4	56.2	84.4		
101	11.7	7.8	11.6		
130	21.9	16.2	24.2		

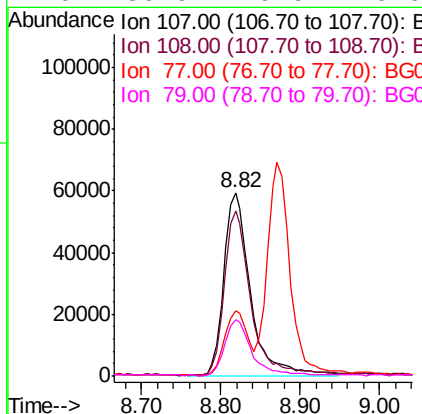
Manual Integrations
APPROVED

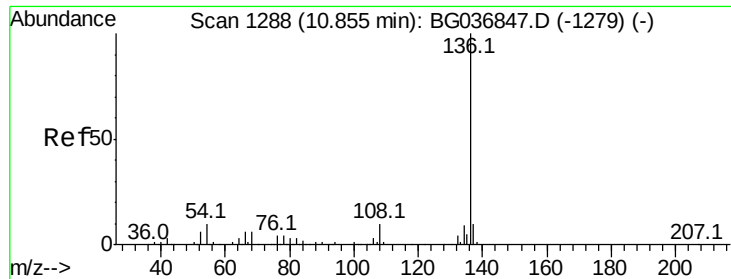
Sohil
9/24/2018 9:29:33 AM



#20
3+4-Methylphenols
Concen: 46.809 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.1	68.0	108.0		
77	35.5	15.6	55.6		
79	30.9	9.9	49.9		





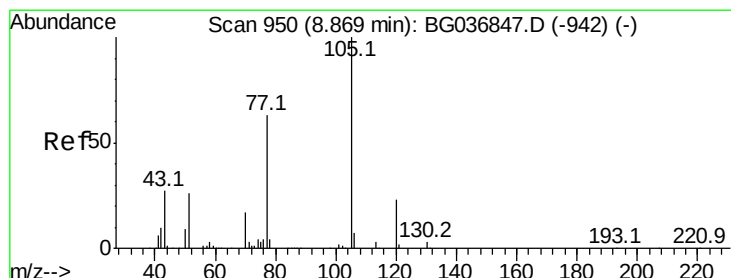
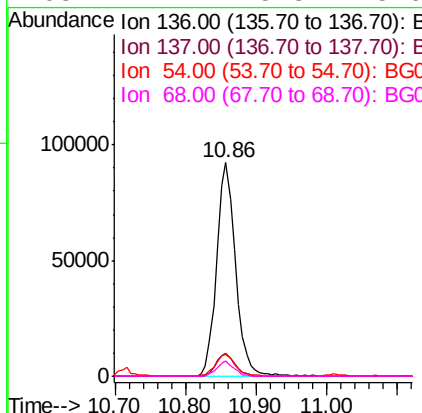
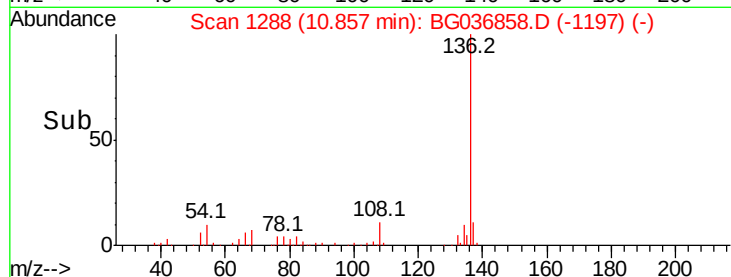
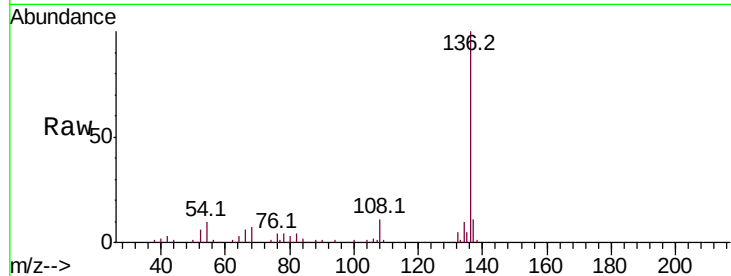
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	172188		
137	10.7		8.8	13.2
54	10.1		9.2	13.8
68	7.1		5.8	8.6

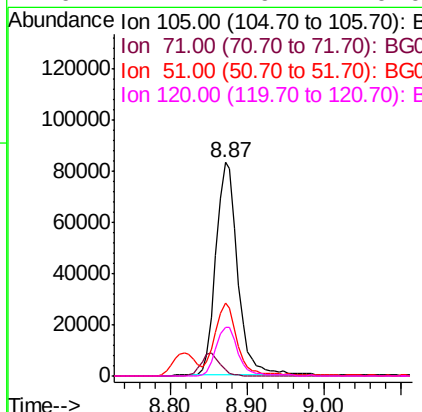
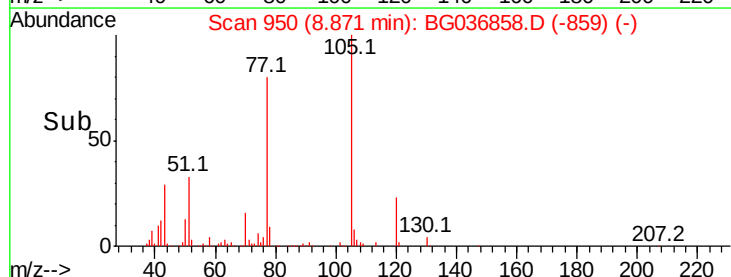
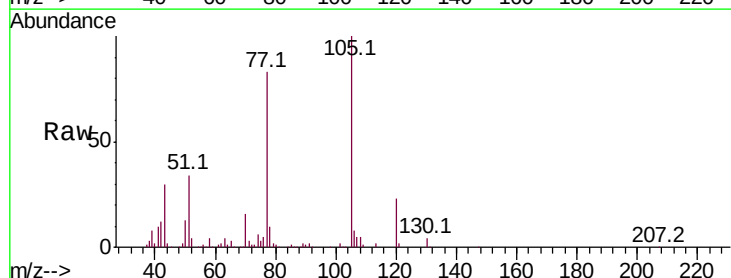
Manual Integrations
APPROVED

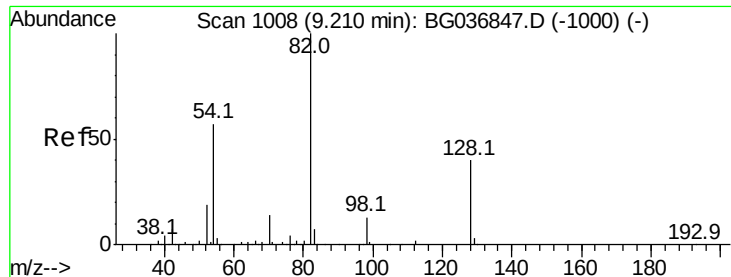
Sohil
9/24/2018 9:29:33 AM



#22
Acetophenone
Concen: 39.973 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161744		
71	2.9		2.4	3.6
51	34.3		25.9	38.9
120	22.7		19.4	29.0





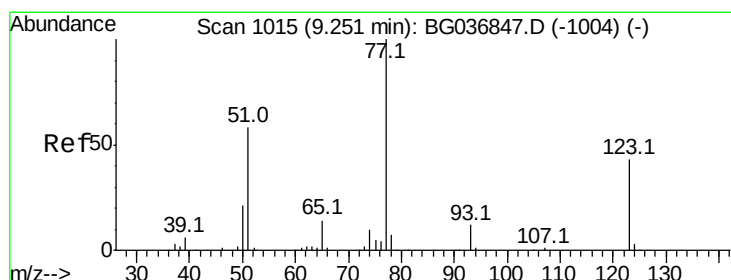
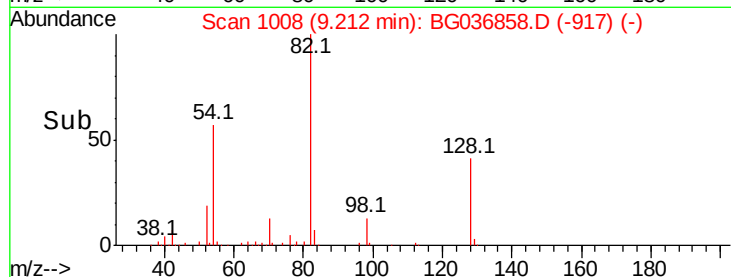
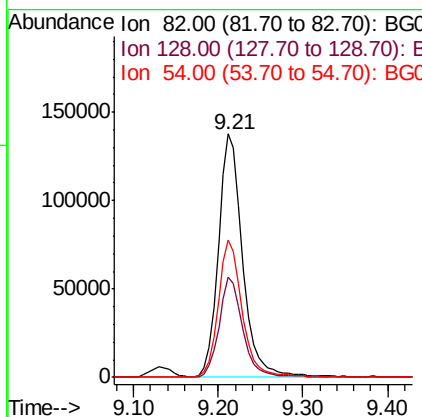
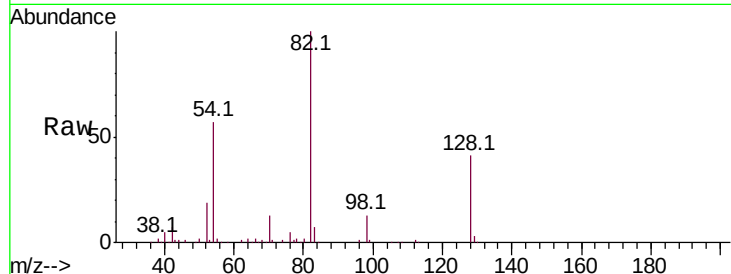
#23
Nitrobenzene-d5
Concen: 85.004 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	56.6	45.1	67.7

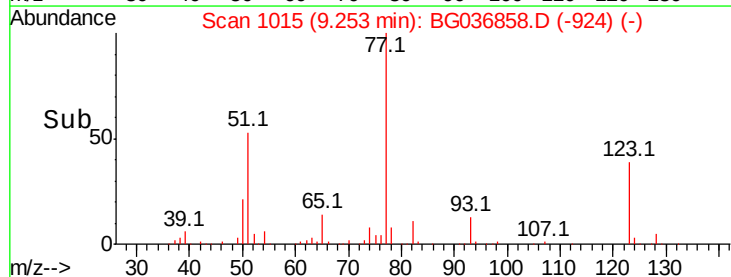
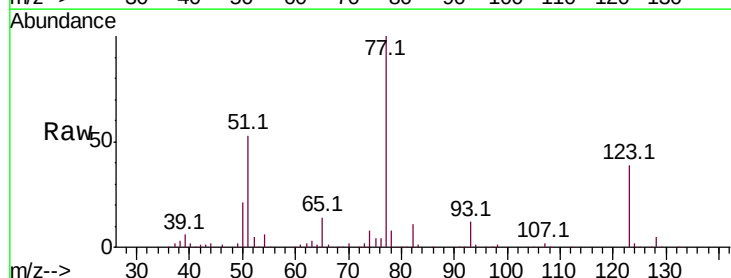
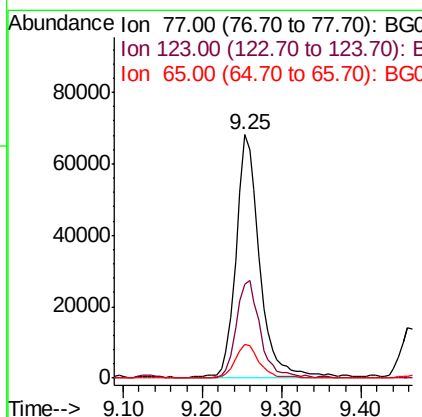
Manual Integrations
APPROVED

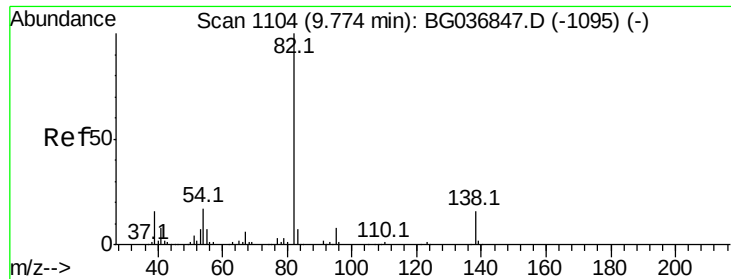
Sohil
9/24/2018 9:29:33 AM



#24
Nitrobenzene
Concen: 40.251 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	32.4	48.6
65	13.9	11.5	17.3





#25

Isophorone

Concen: 46.088 ng

RT: 9.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

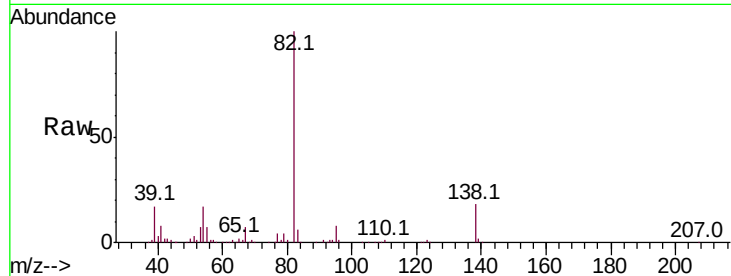
ClientSampleId :

PB113056BS

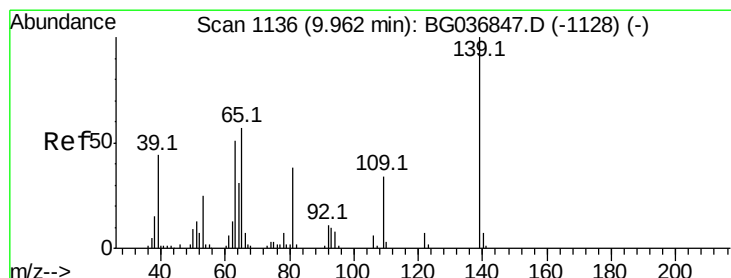
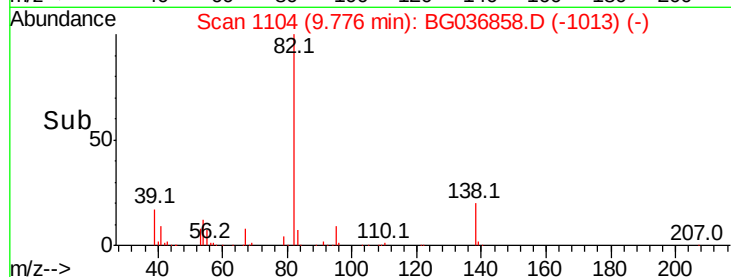
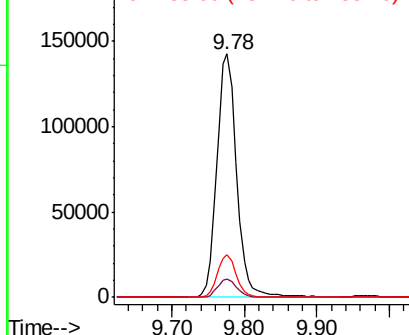
Tot Ion:	82	Resp:	270776
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.8
138	17.8	12.9	19.3

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



#26

2-Nitrophenol

Concen: 41.822 ng

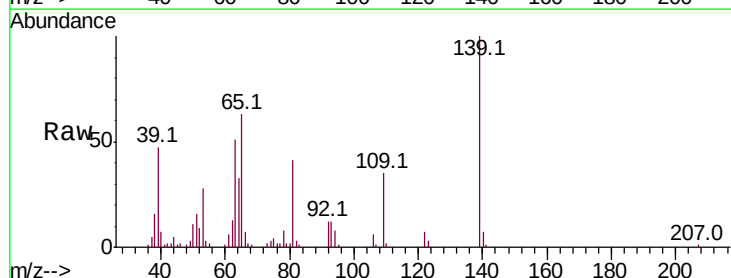
RT: 9.96 min Scan# 1136

Delta R.T. 0.00 min

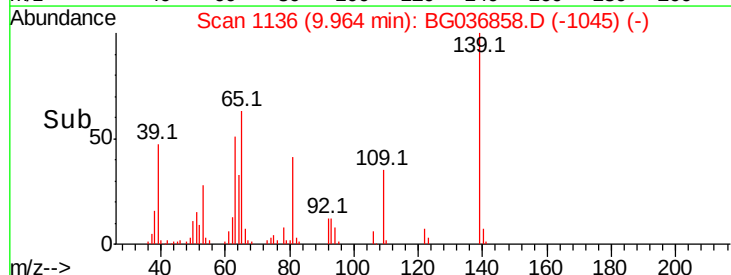
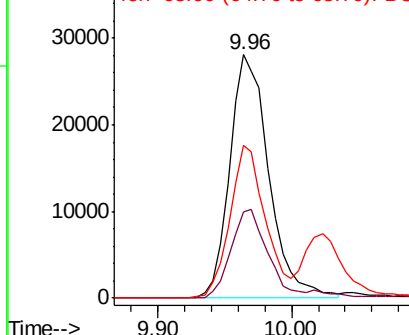
Lab File: BG036858.D

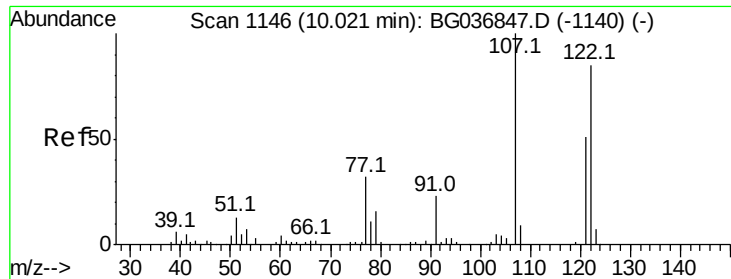
Acq: 21 Sep 2018 14:44

Tgt Ion:	139	Resp:	57241
Ion Ratio	Lower	Upper	
139	100		
109	35.2	27.4	41.0
65	62.8	47.8	71.6



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





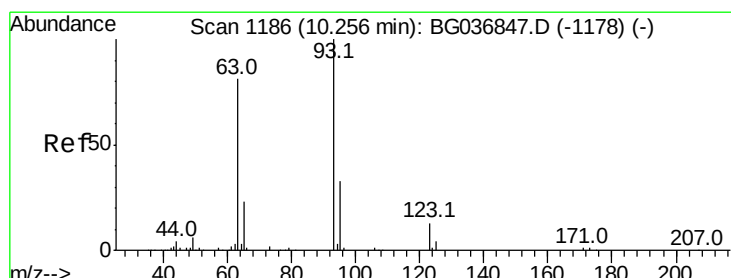
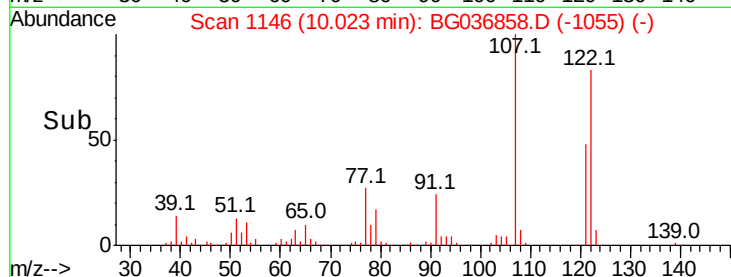
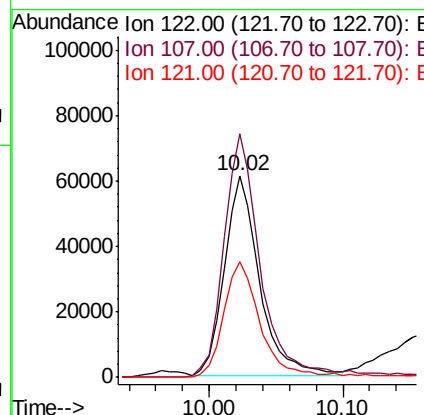
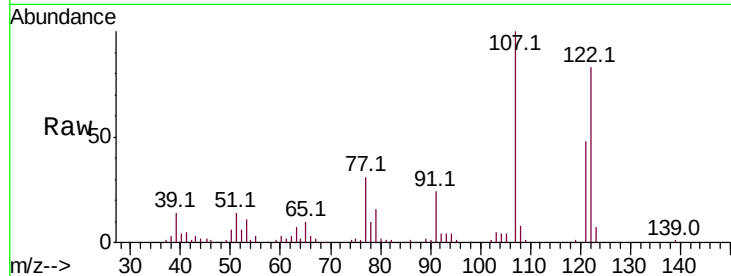
#27
 2,4-Dimethylphenol
 Concen: 52.860 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleID :
 PB113056BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	96.0	144.0
121	57.4	48.2	72.4

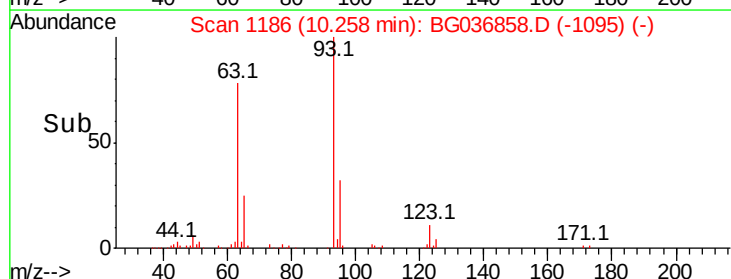
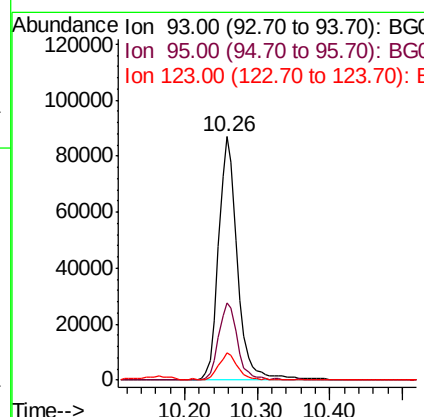
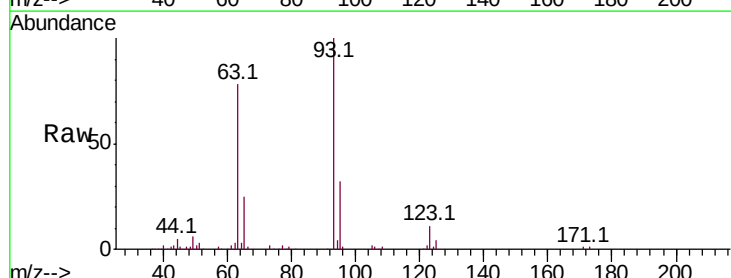
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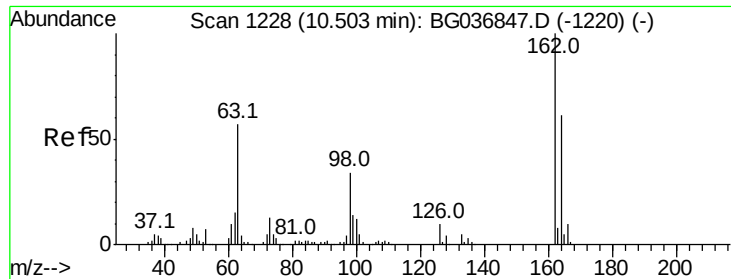
Sohil
 9/24/2018 9:29:33 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.264 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.2	37.8
123	11.3	8.6	12.8





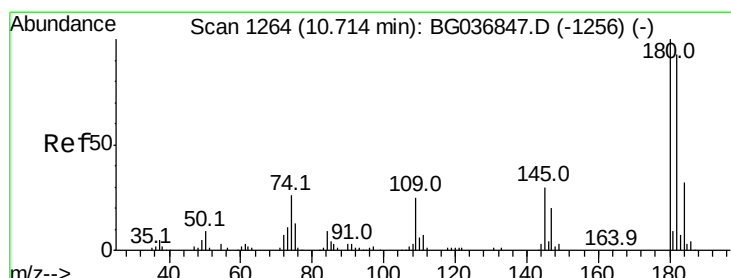
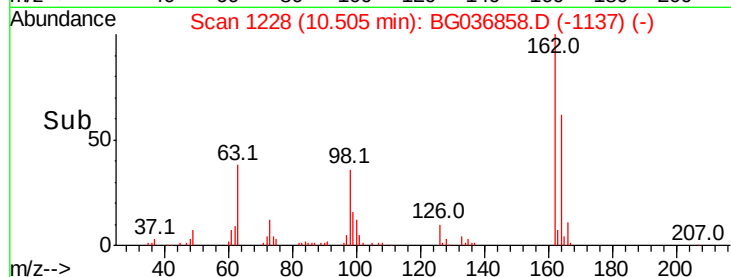
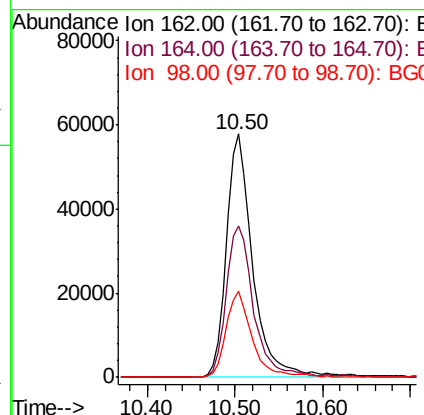
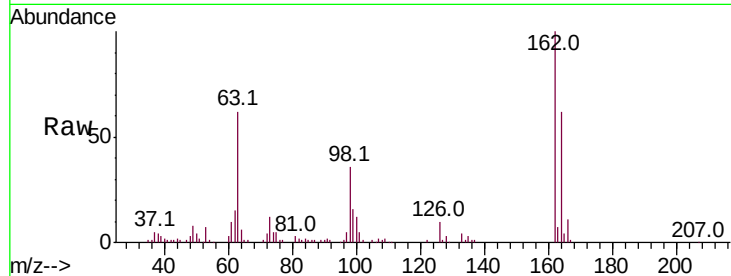
#29
2,4-Dichlorophenol
Concen: 48.411 ng
RT: 10.50 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	119647		
164	62.0	47.6	87.6	
98	35.6	19.2	59.2	

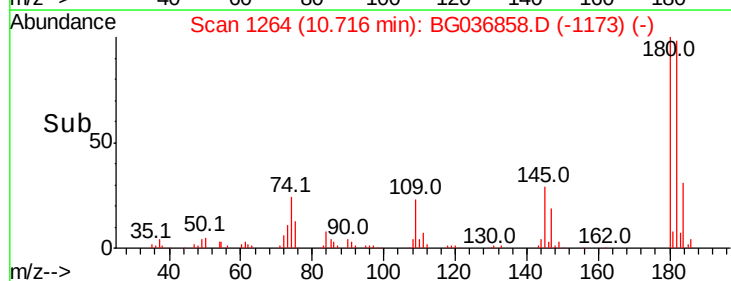
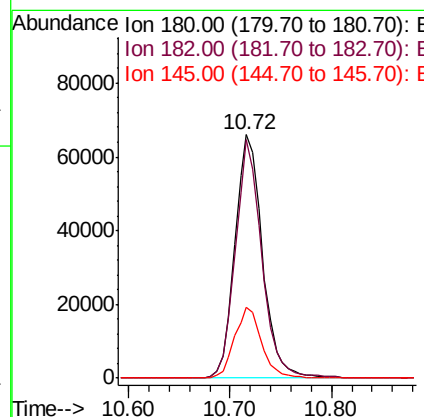
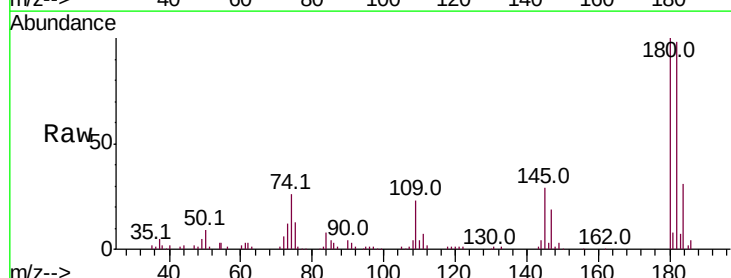
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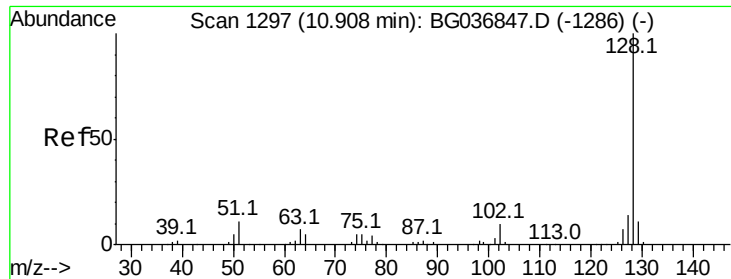
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#30
1,2,4-Trichlorobenzene
Concen: 40.218 ng
RT: 10.72 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	124390		
182	98.0	76.0	114.0	
145	29.3	22.9	34.3	





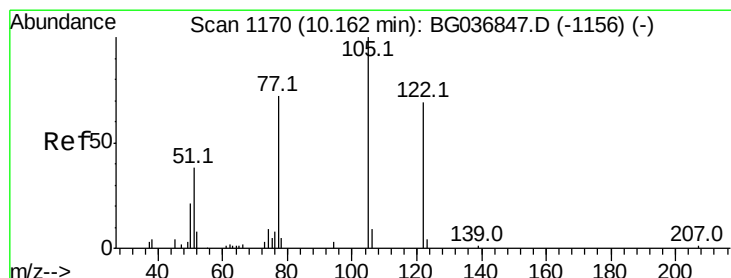
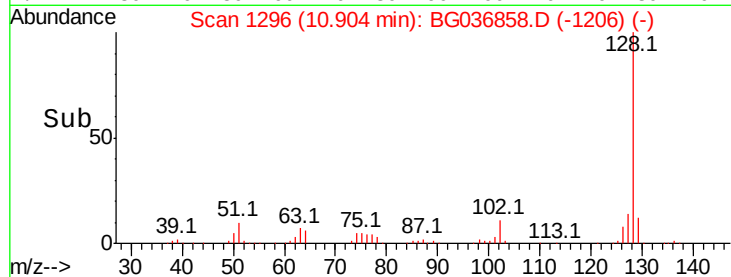
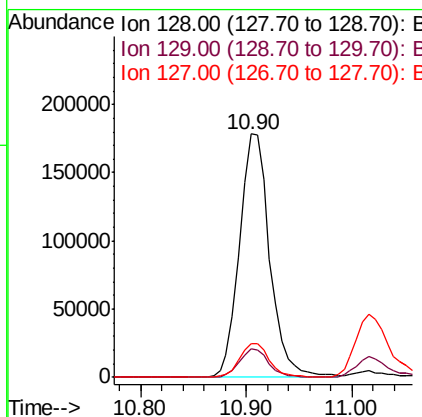
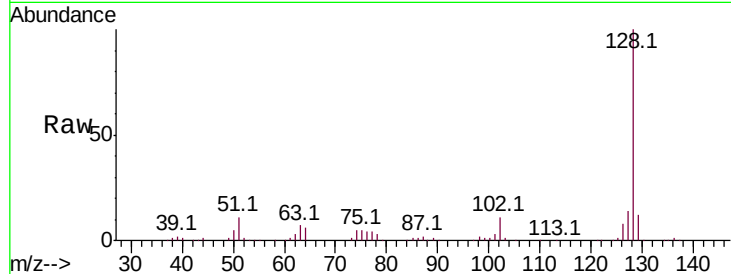
#31
Naphthalene
Concen: 43.434 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.4	14.2	
127	13.8	11.0	16.4	

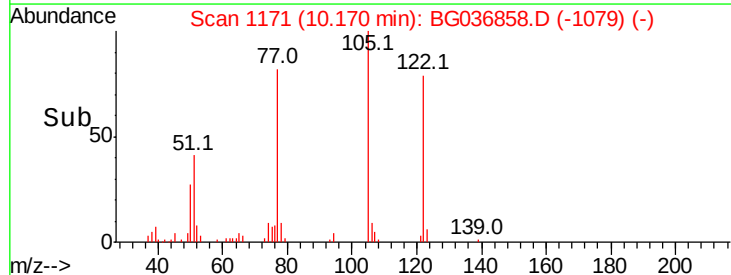
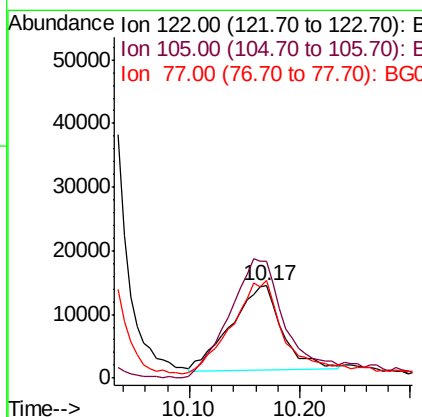
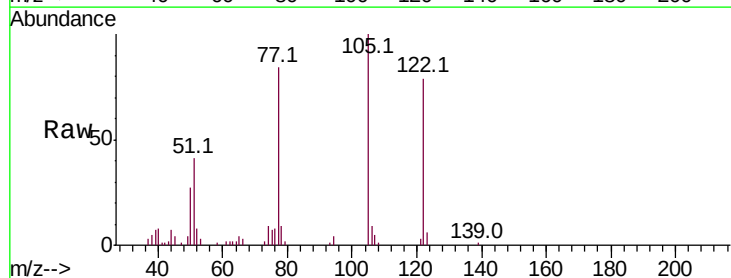
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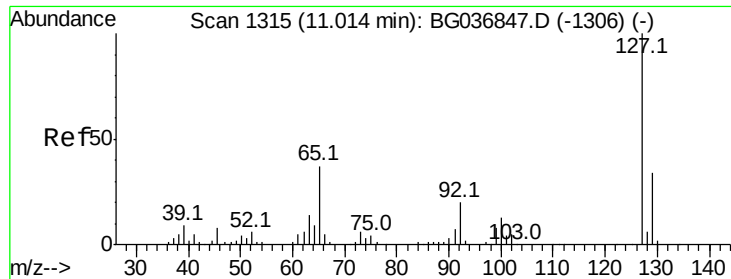
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#32
Benzoic acid
Concen: 28.945 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.9	108.1	148.1	
77	105.2	76.3	116.3	





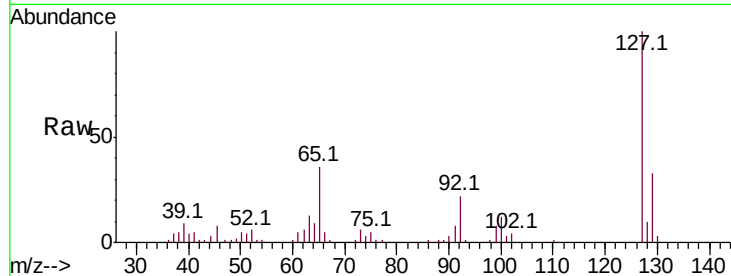
#33
4-Chloroaniline
Concen: 28.278 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

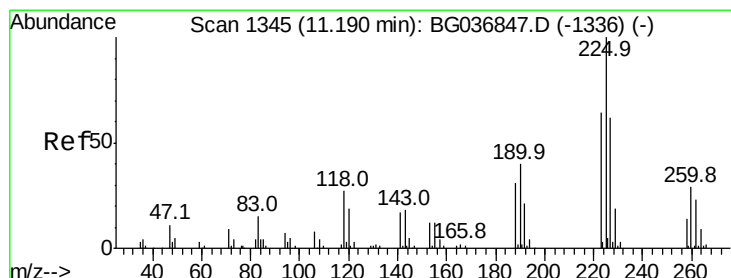
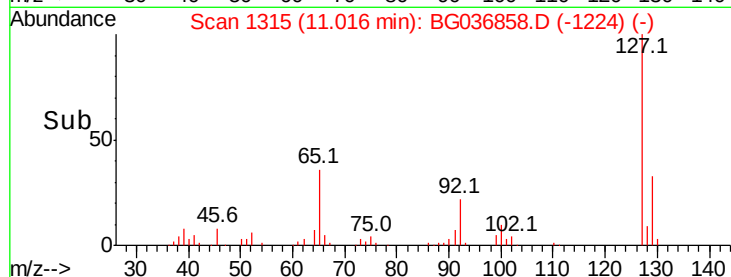
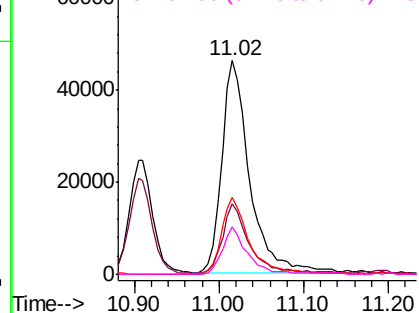
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	35.9	27.5	41.3
92	22.4	16.2	24.2

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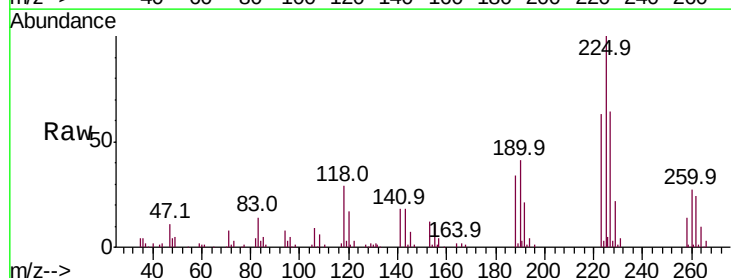


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

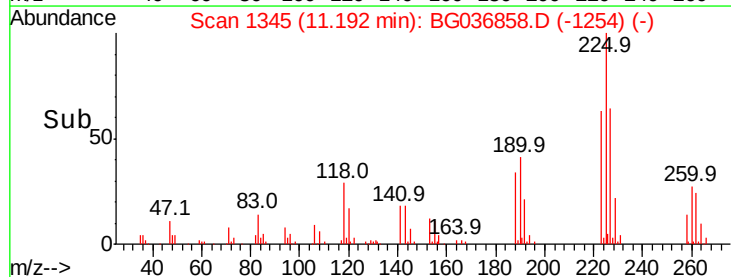
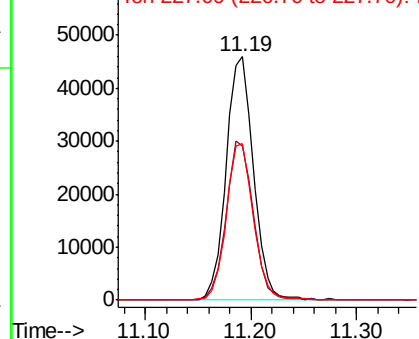


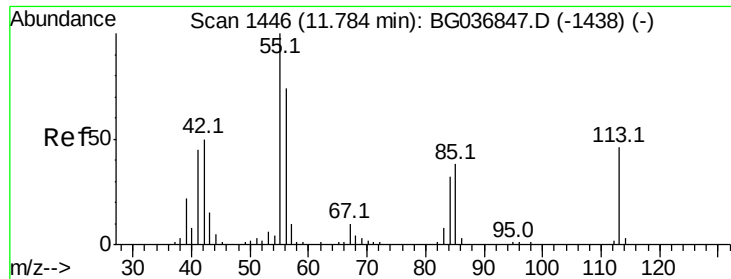
#34
Hexachlorobutadiene
Concen: 38.540 ng
RT: 11.19 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.8	77.8
227	64.2	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





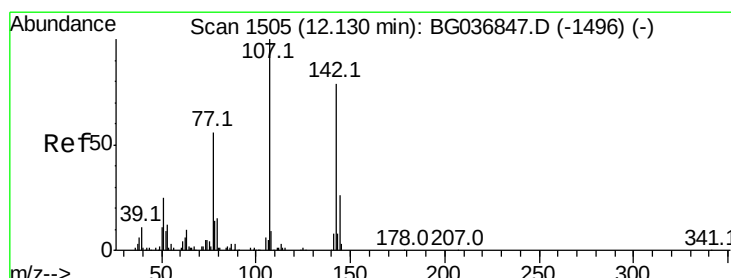
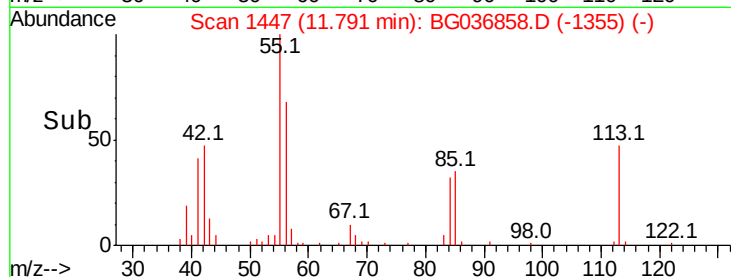
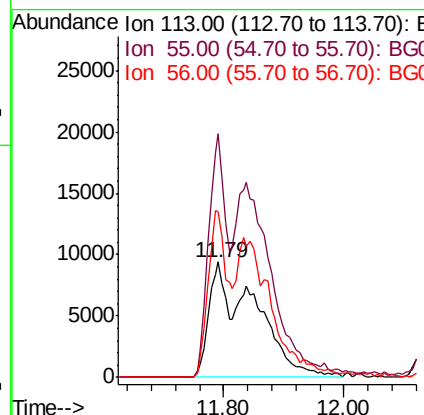
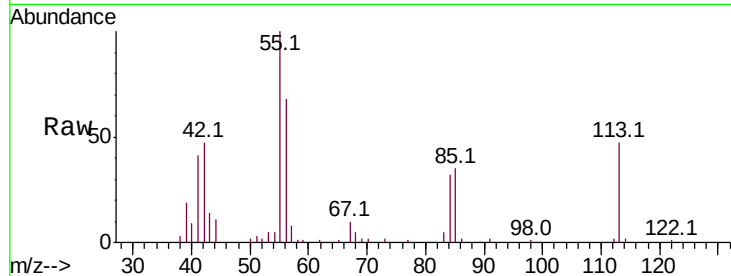
#35
 Caprolactam
 Concen: 48.943 ng/ml
 RT: 11.79 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleID :
 PB113056BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.4	197.7	237.7
56	144.1	131.7	171.7

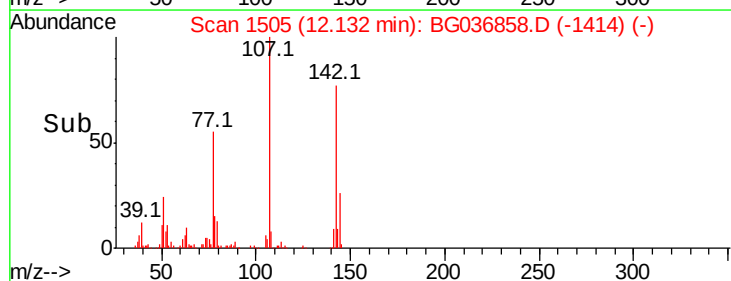
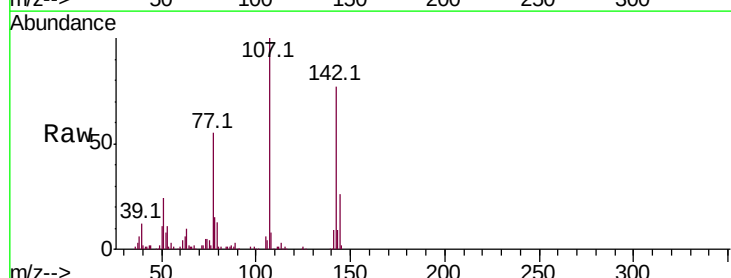
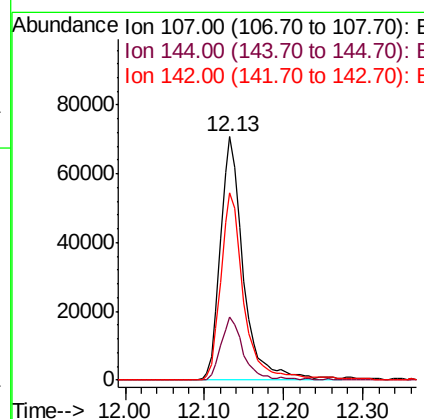
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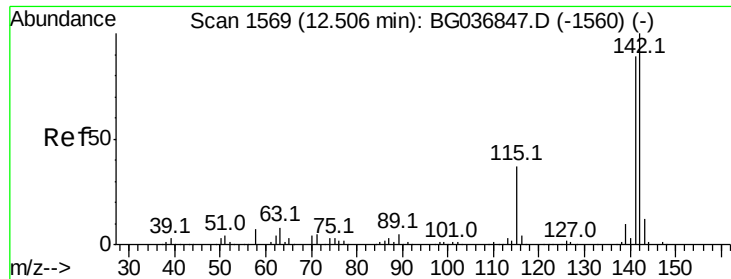
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#36
 4-Chloro-3-methylphenol
 Concen: 48.302 ng/ml
 RT: 12.13 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	19.5	29.3
142	77.1	62.4	93.6





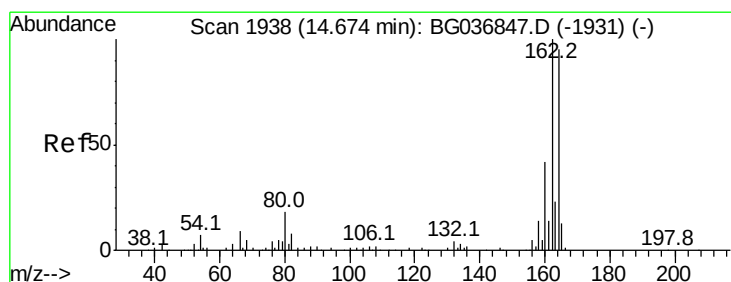
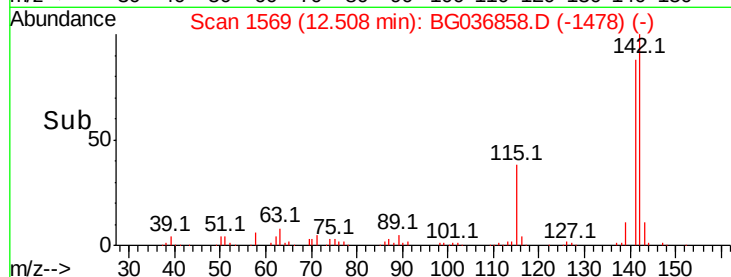
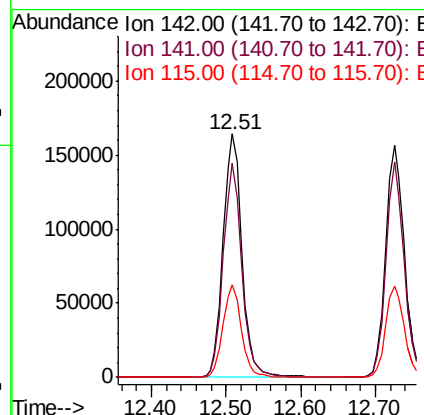
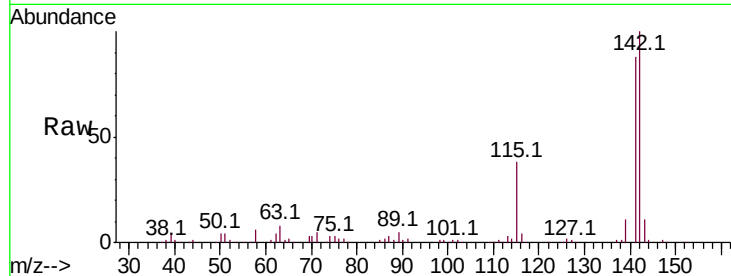
#37
2-Methylnaphthalene
Concen: 46.440 ng
RT: 12.51 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	38.1	29.8	44.8

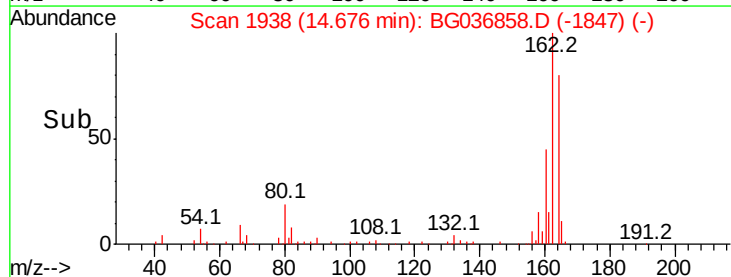
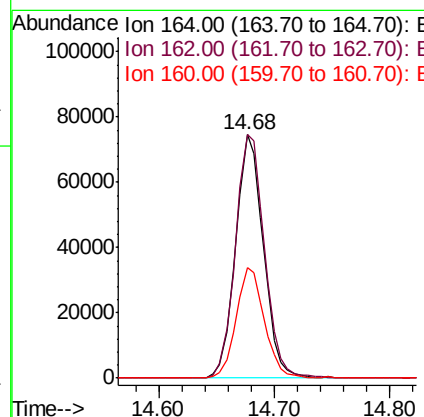
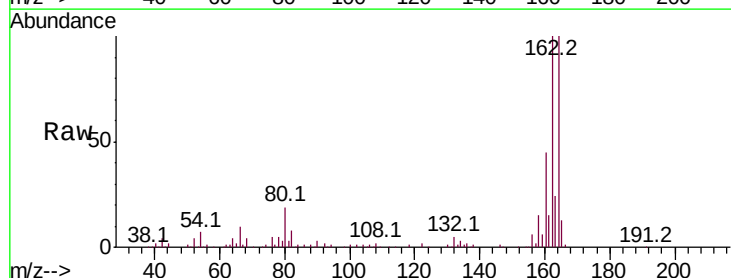
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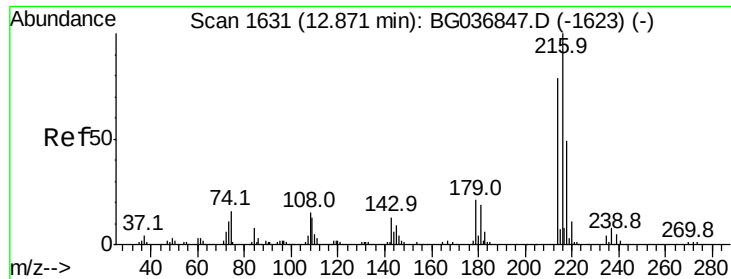
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	45.3	35.3	52.9





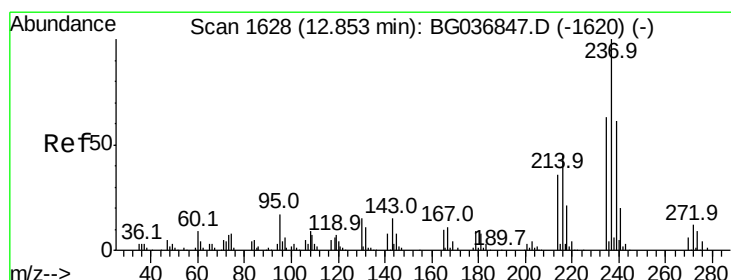
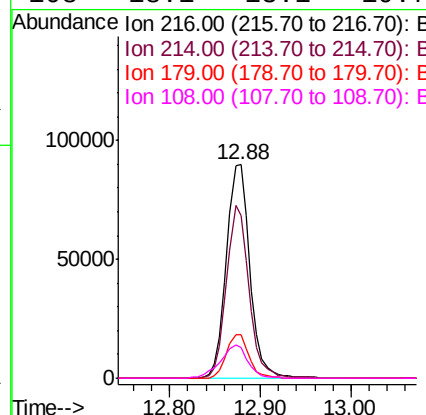
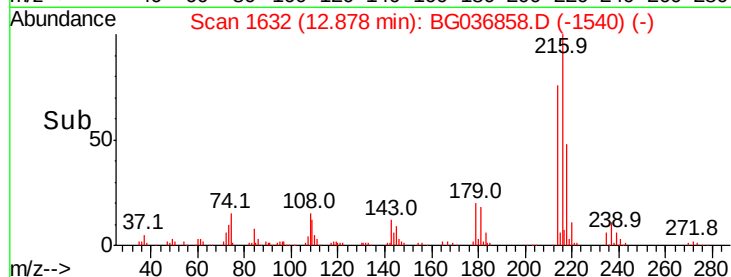
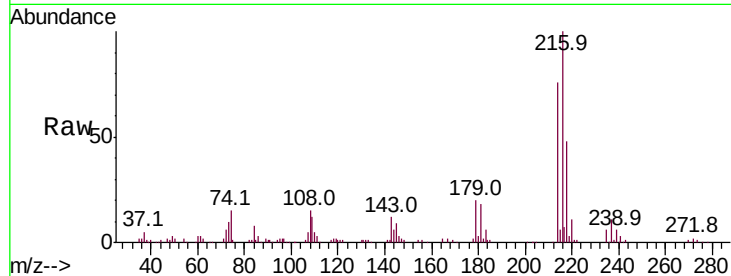
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.401 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	161724		
214	77.6	61.0	91.6	
179	19.8	15.7	23.5	
108	18.1	13.1	19.7	

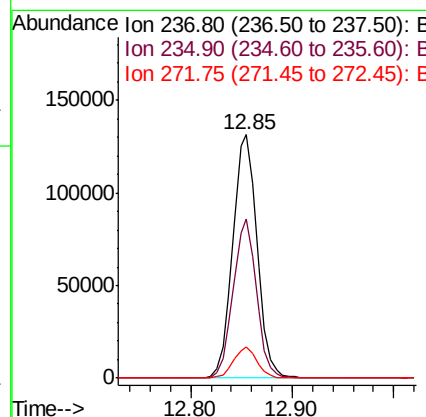
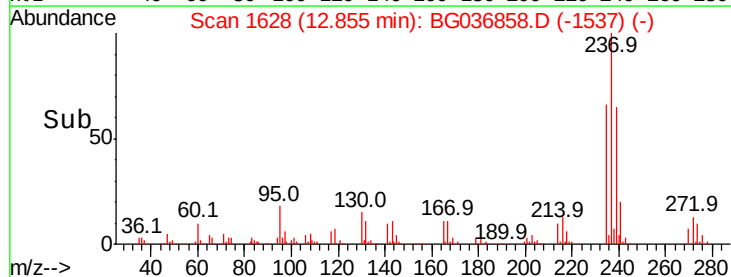
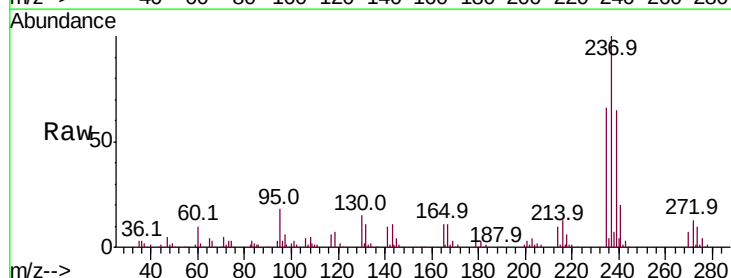
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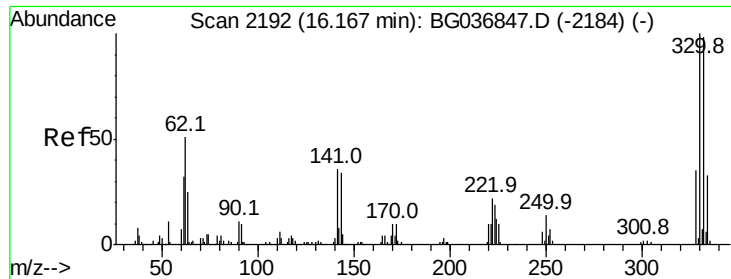
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#40
 Hexachlorocyclopentadiene
 Concen: 98.197 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	218379		
235	65.6	42.2	82.2	
272	12.9	0.0	32.1	





#41

2,4,6-Tribromophenol

Concen: 148.471 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

ClientSampleId :

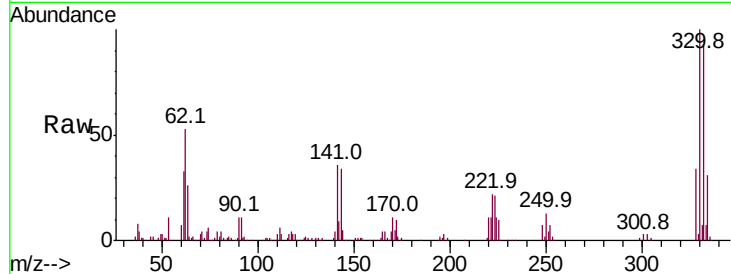
PB113056BS

Tot Ion:	330	Resp:	220229
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.4	113.2
141	37.7	30.7	46.1

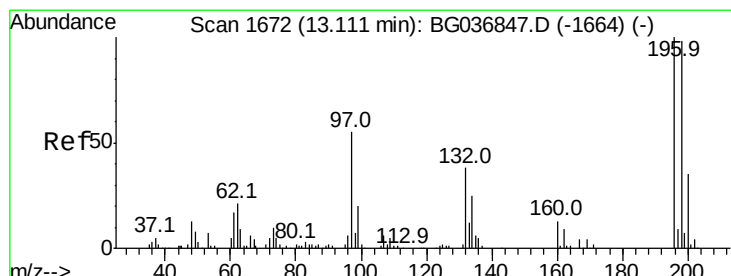
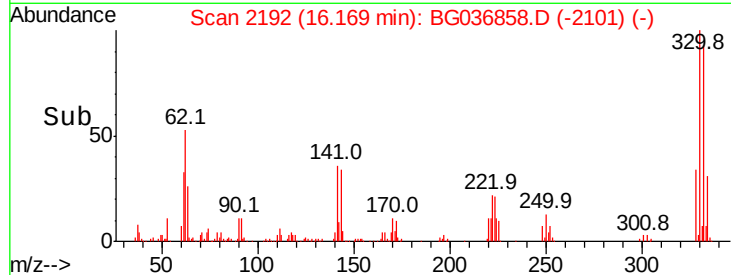
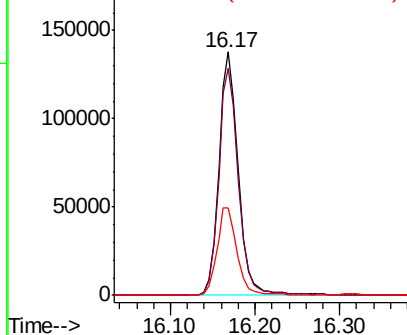
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.177 ng

RT: 13.11 min Scan# 1672

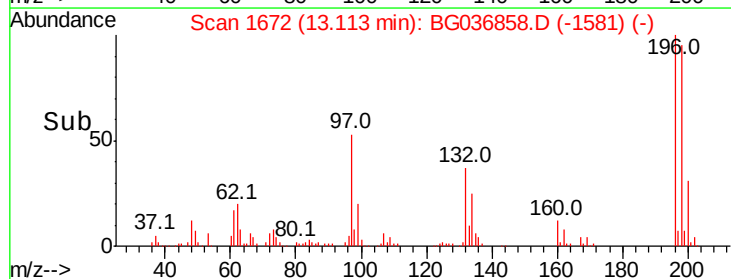
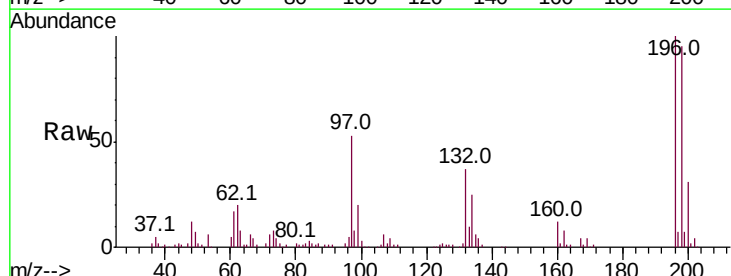
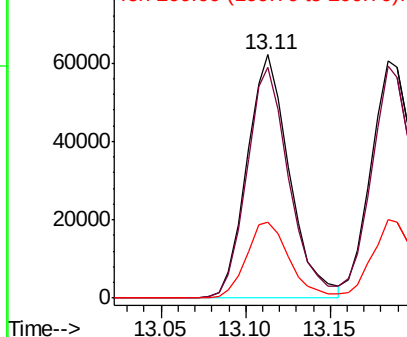
Delta R.T. 0.00 min

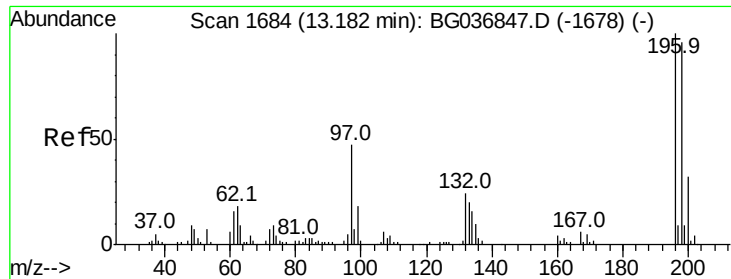
Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	196	Resp:	108479
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.2	115.8
200	31.4	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





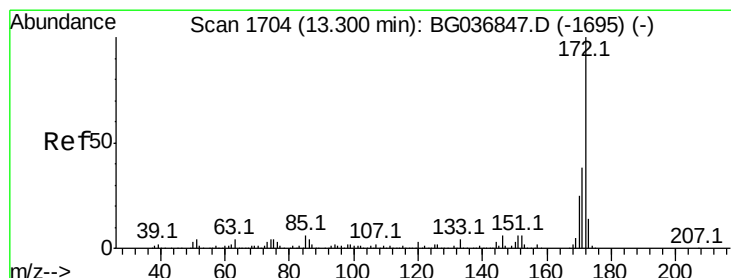
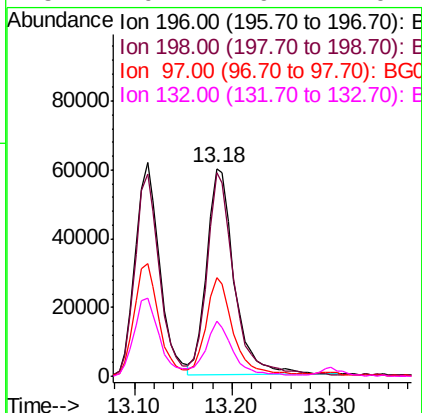
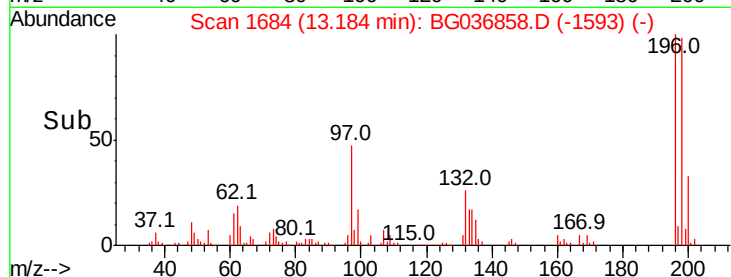
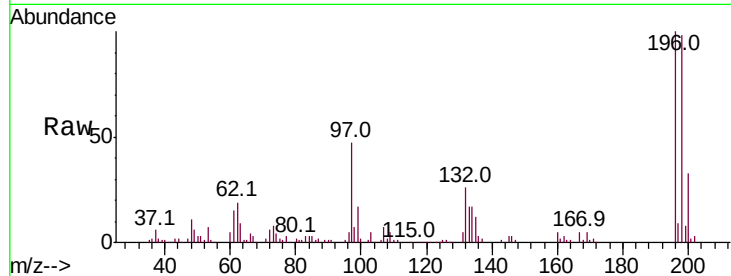
#43
 2,4,5-Trichlorophenol
 Concen: 45.898 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	196	Resp	117518
Ion Ratio	Lower	Upper	
196	100		
198	98.0	75.6	113.4
97	47.2	37.2	55.8
132	26.4	19.4	29.2

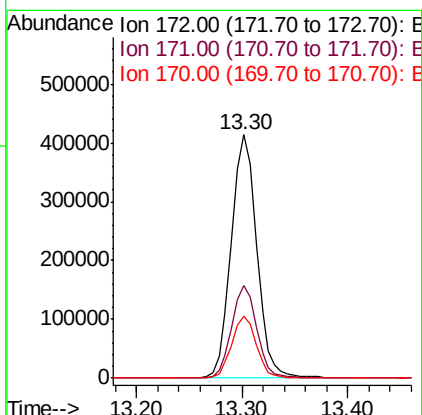
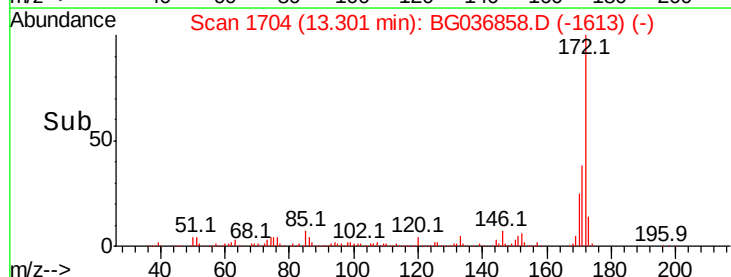
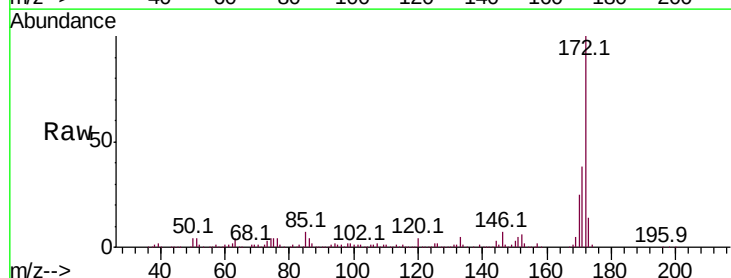
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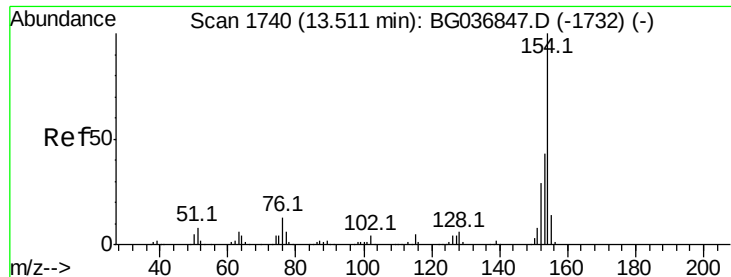
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#44
 2-Fluorobiphenyl
 Concen: 82.702 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	172	Resp	688414
Ion Ratio	Lower	Upper	
172	100		
171	38.0	31.3	46.9
170	25.2	21.0	31.6





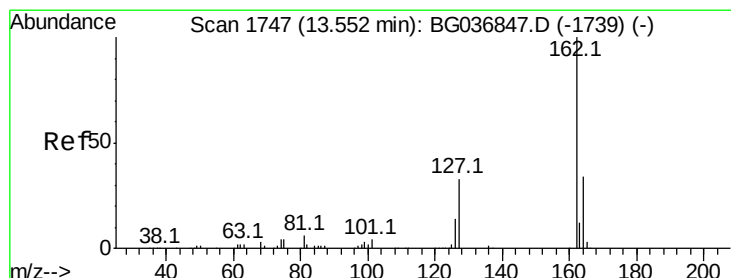
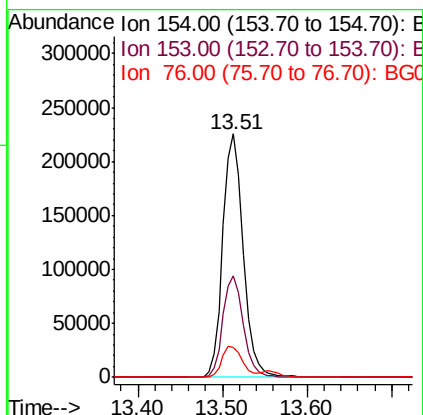
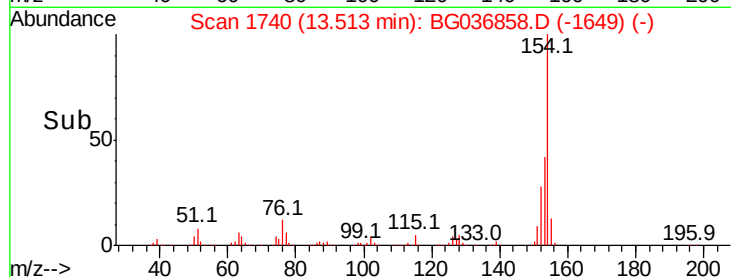
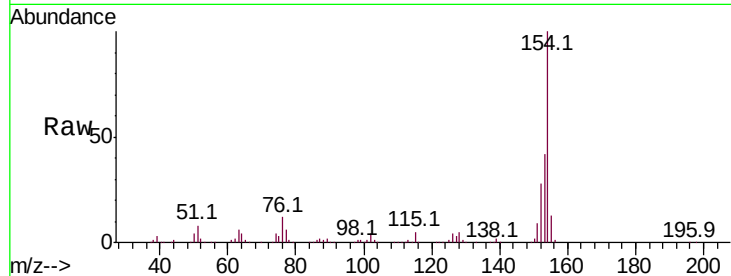
#45
 1,1'-Biphenyl
 Concen: 39.862 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.9	24.0	64.0	
76	12.2	0.0	32.9	

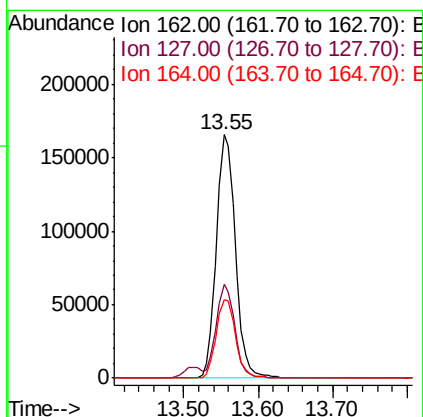
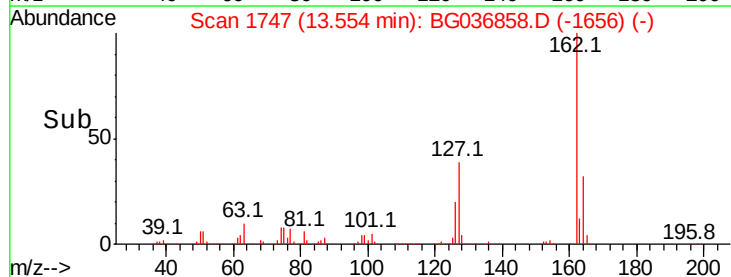
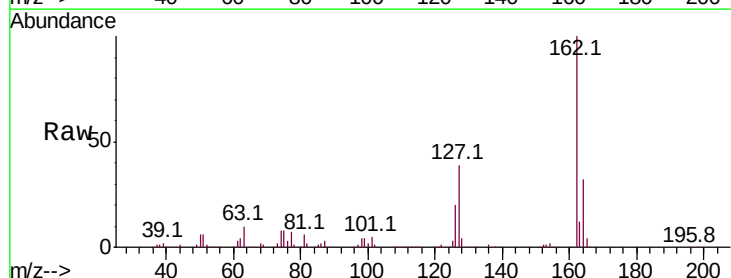
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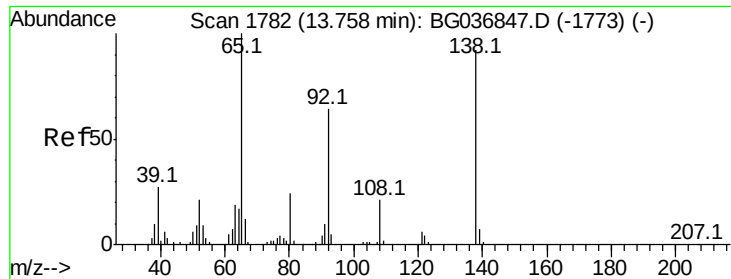
Sohil
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#46
 2-Chloronaphthalene
 Concen: 39.416 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	30.7	46.1	
164	32.3	26.7	40.1	





#47

2-Nitroaniline

Concen: 42.939 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

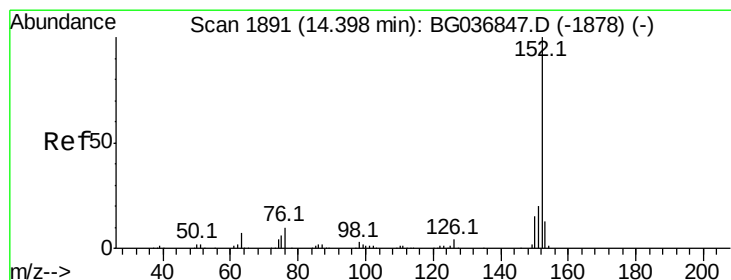
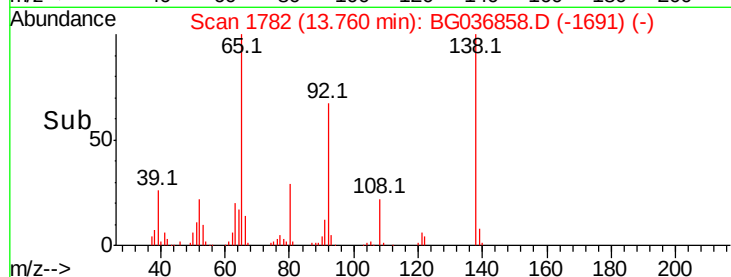
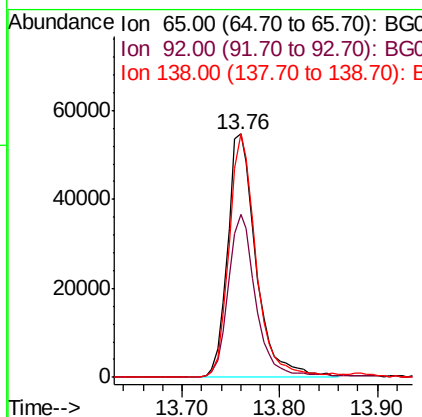
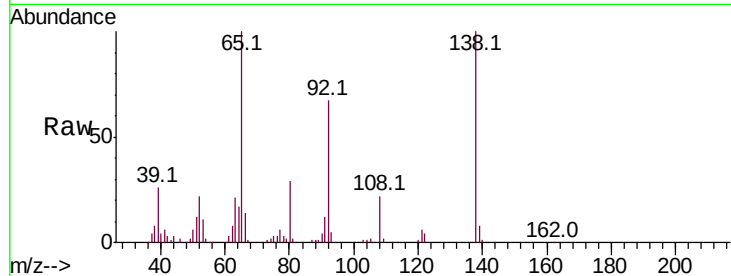
ClientSampleId :

PB113056BS

Tot Ion:	65	Resp:	110897
Ion Ratio	Lower	Upper	
65	100		
92	67.2	49.9	74.9
138	99.8	76.2	114.4

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#48

Acenaphthylene

Concen: 44.296 ng

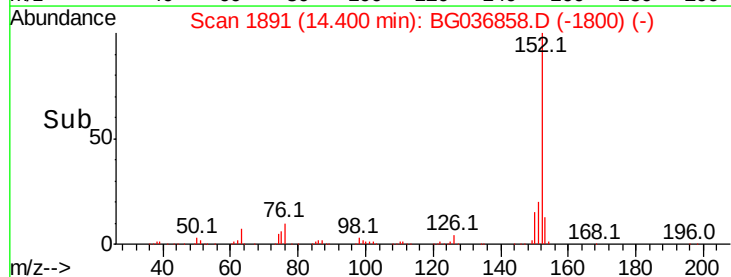
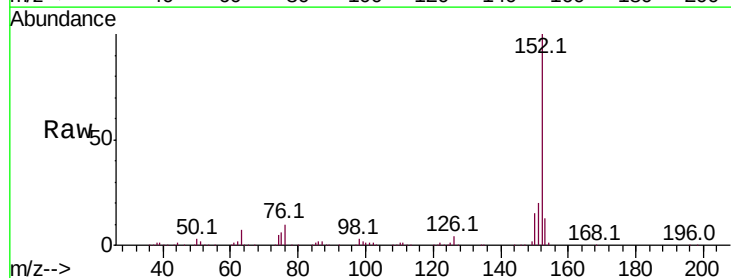
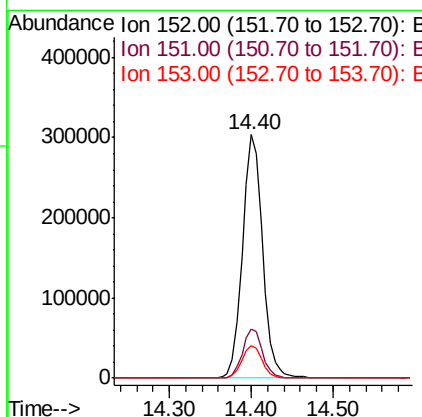
RT: 14.40 min Scan# 1891

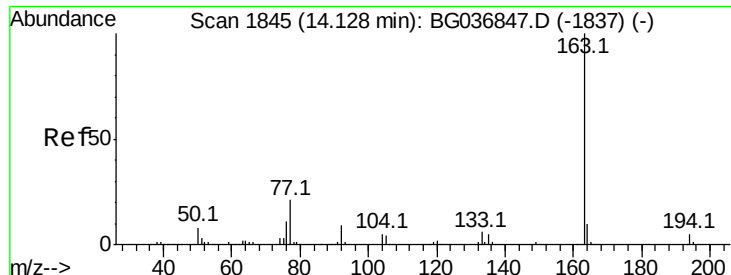
Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	152	Resp:	518291
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.9	25.3
153	13.3	11.2	16.8





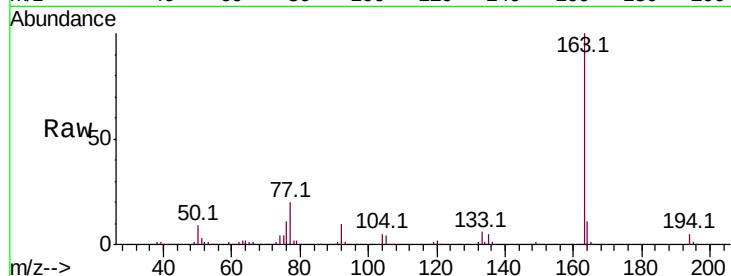
#49
Dimethylphthalate
Concen: 43.385 ng
RT: 14.13 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

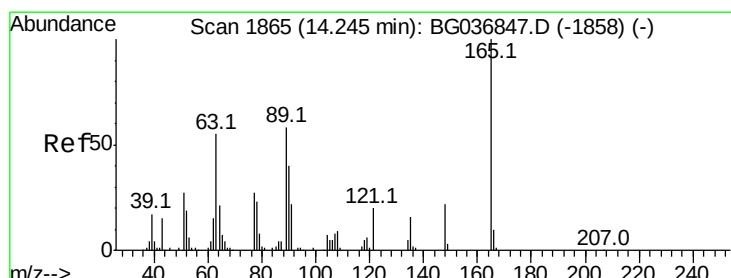
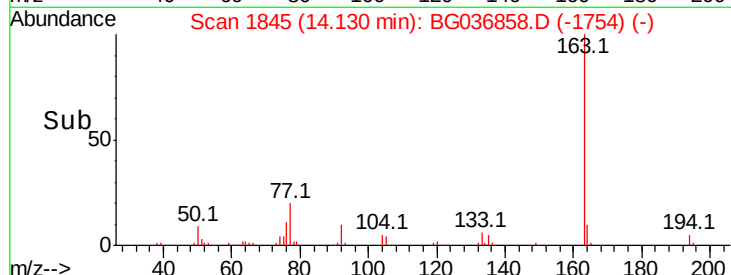
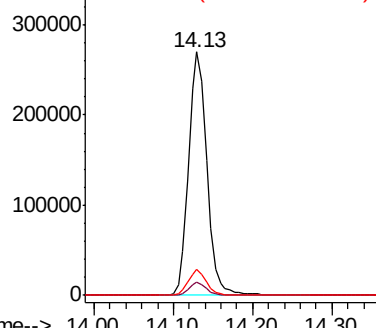
Tot Ion	Ratio	Resp	Lower	Upper
163	100	432954		
194	5.3		4.0	6.0
164	10.9		8.1	12.1

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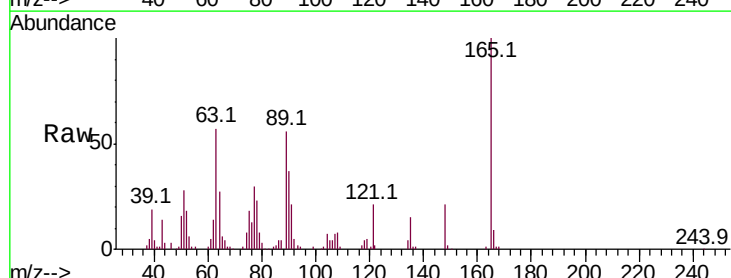


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

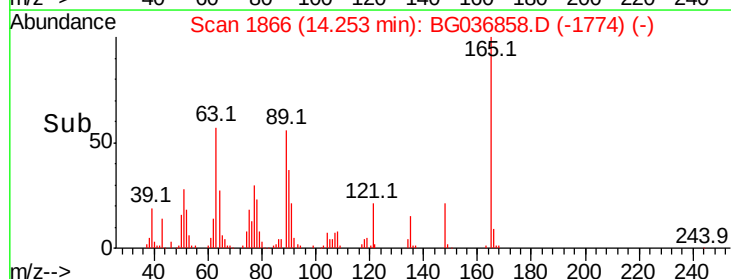
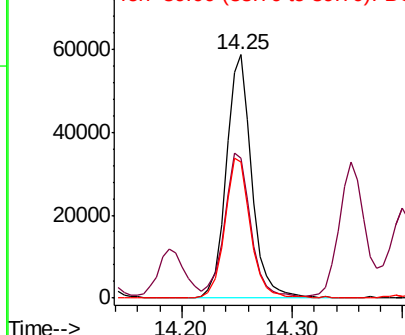


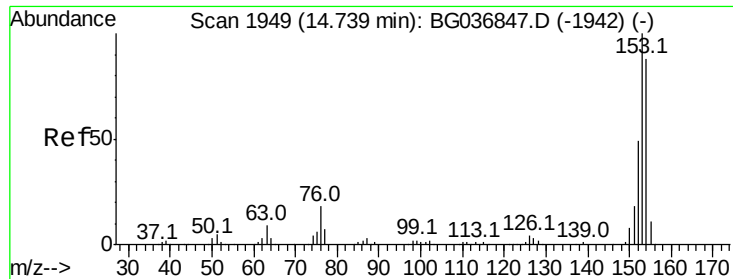
#50
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94578		
63	57.4		50.1	75.1
89	56.0		47.8	71.6



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





#51

Acenaphthene

Concen: 41.658 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

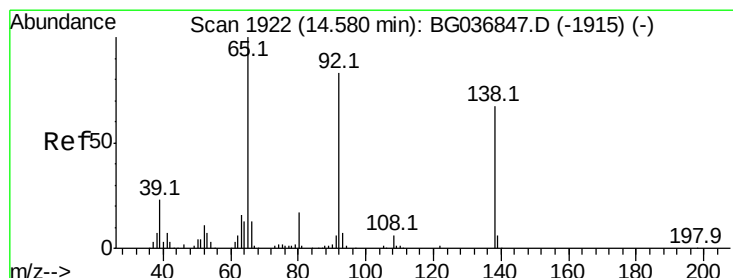
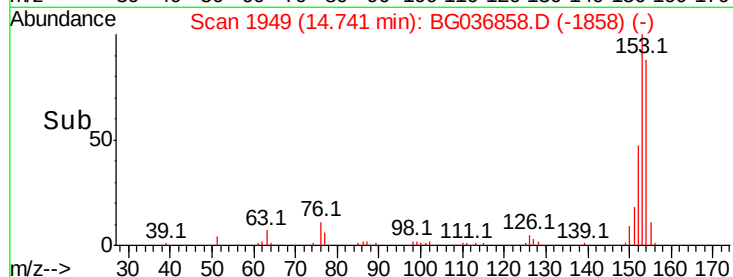
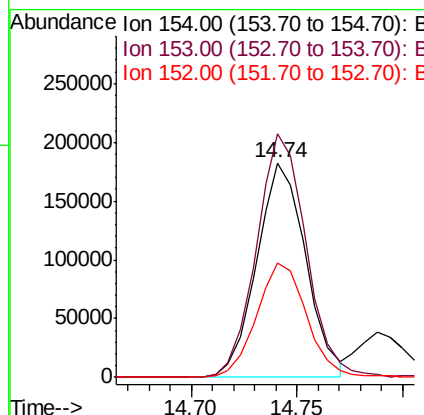
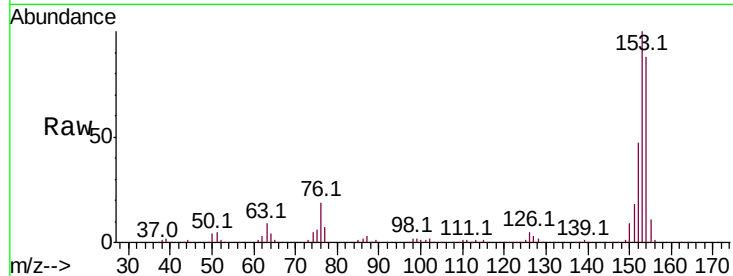
ClientSampleId :

PB113056BS

Tot Ion:	154	Resp:	294591
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.8	137.6
152	53.5	43.5	65.3

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#52

3-Nitroaniline

Concen: 31.739 ng

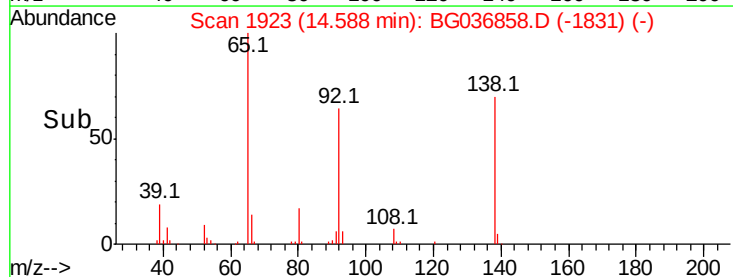
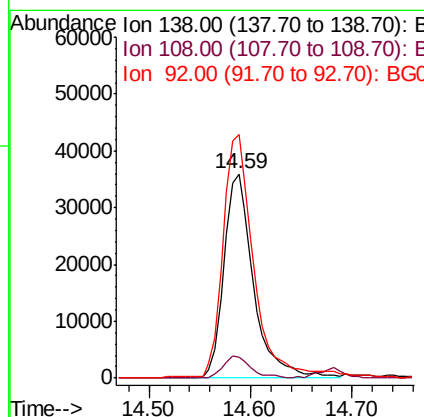
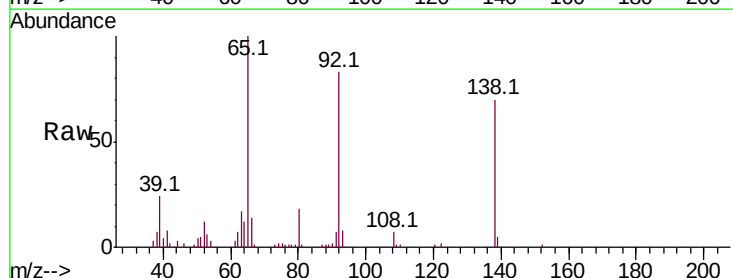
RT: 14.59 min Scan# 1923

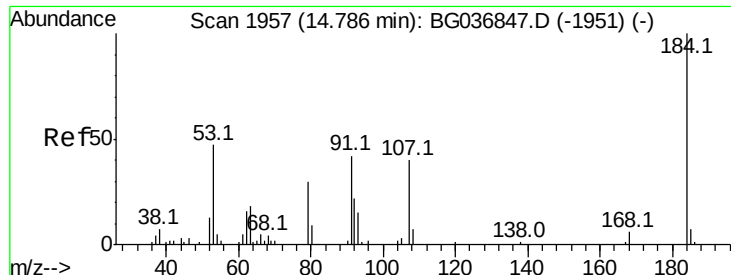
Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	138	Resp:	72820
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.2
92	119.2	96.8	145.2





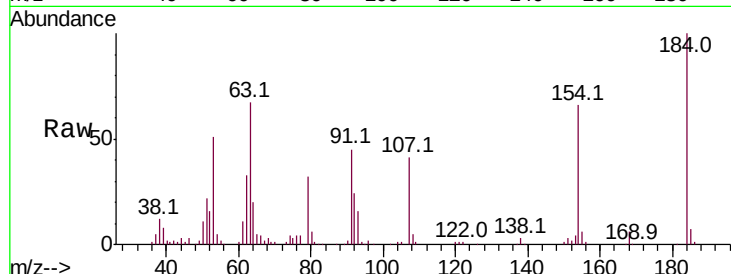
#53
 2,4-Dinitrophenol
 Concen: 99.438 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleID :
 PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.6	47.3	70.9	
154	65.7	51.1	76.7	

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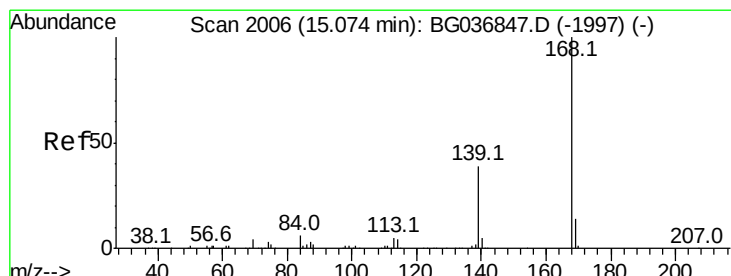
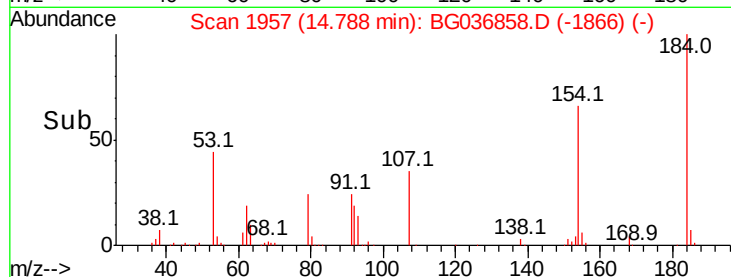
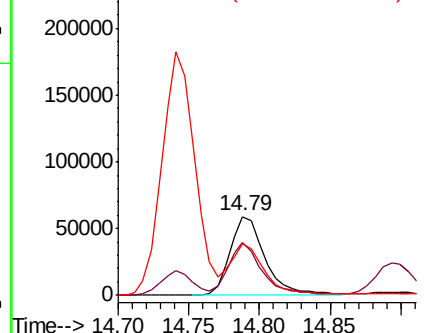


Abundance

Ion 184.00 (183.70 to 184.70): E

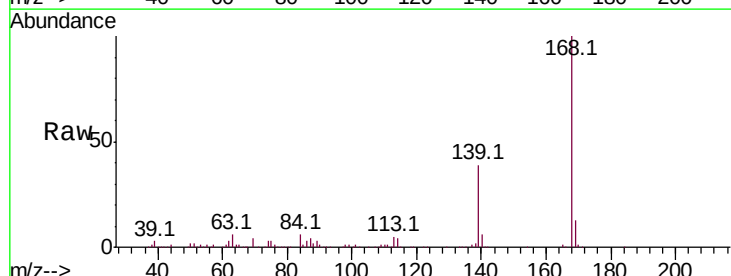
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 41.739 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.7	31.0	46.6	
169	13.4	11.1	16.7	

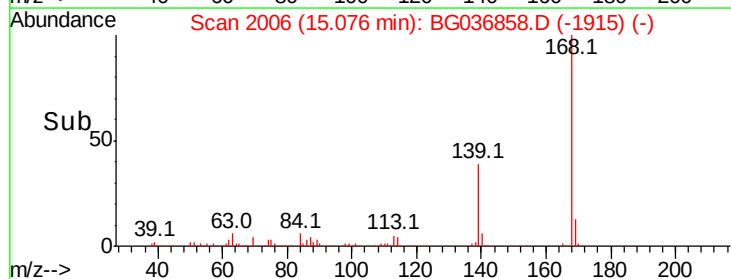
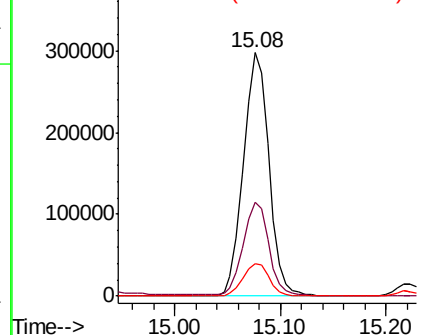


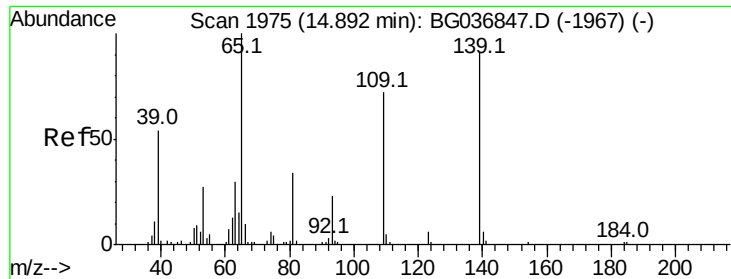
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





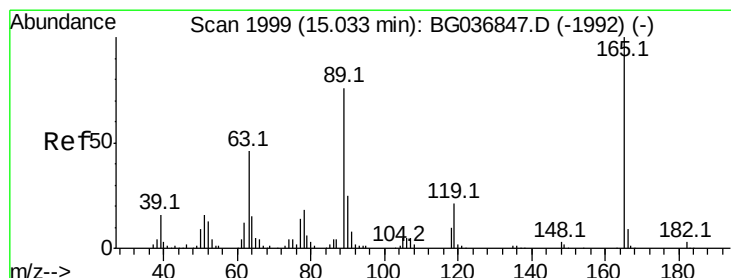
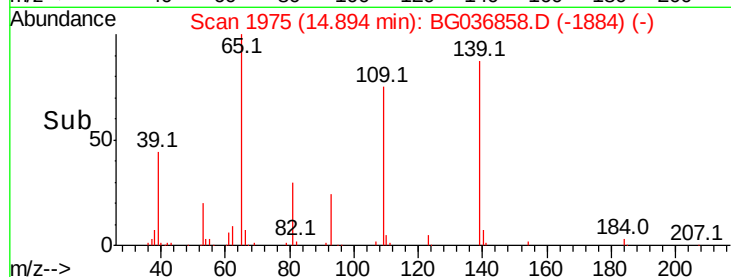
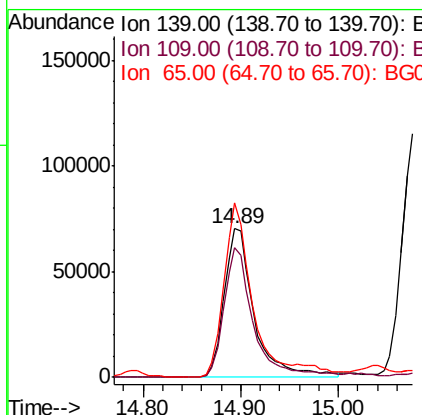
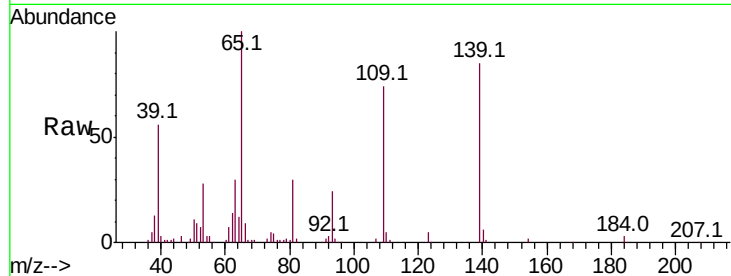
#55
4-Nitrophenol
Concen: 102.545 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	87.1	63.9	103.9	
65	117.3	90.0	130.0	

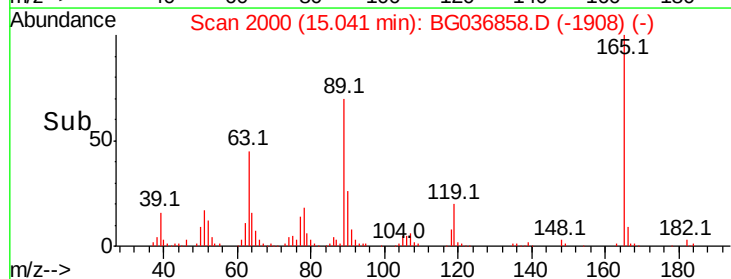
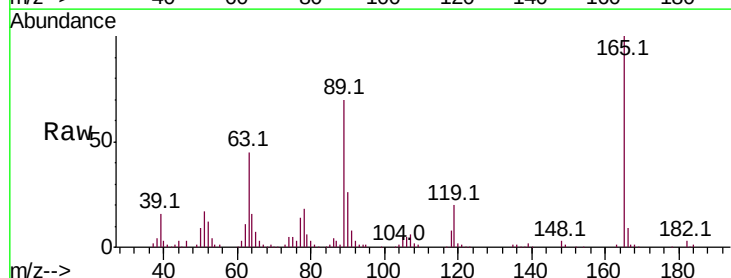
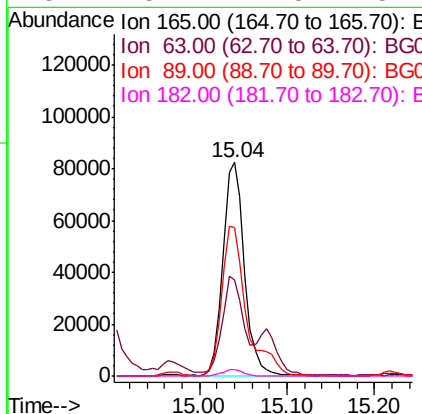
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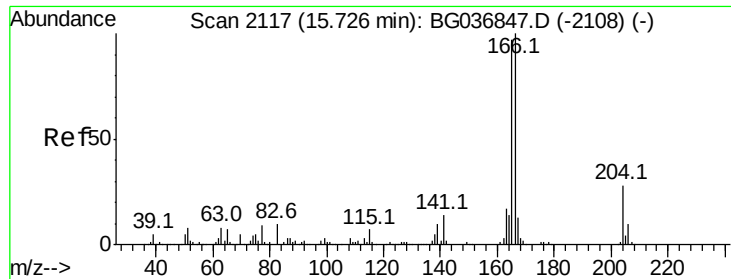
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#56
2,4-Dinitrotoluene
Concen: 46.240 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.1	40.1	60.1	
89	69.6	63.7	95.5	
182	3.2	2.5	3.7	





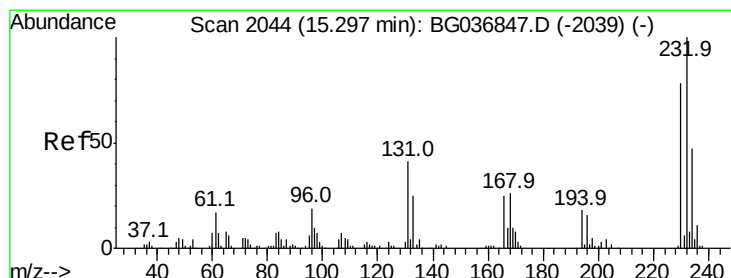
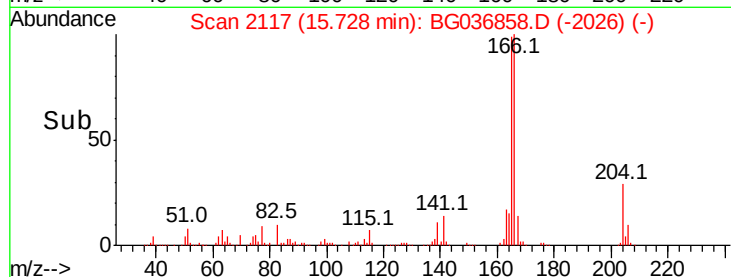
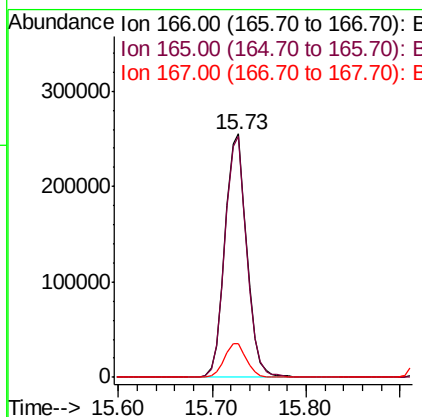
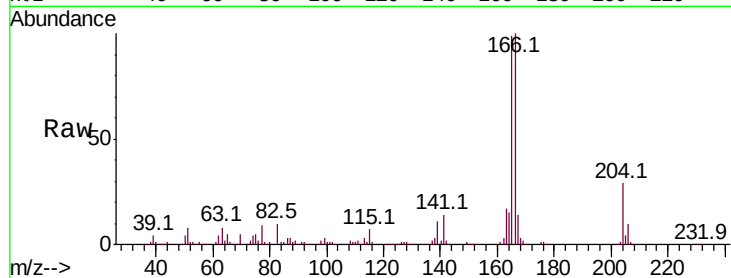
#57
 Fluorene
 Concen: 46.122 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.0	115.4
167	13.8	10.6	16.0

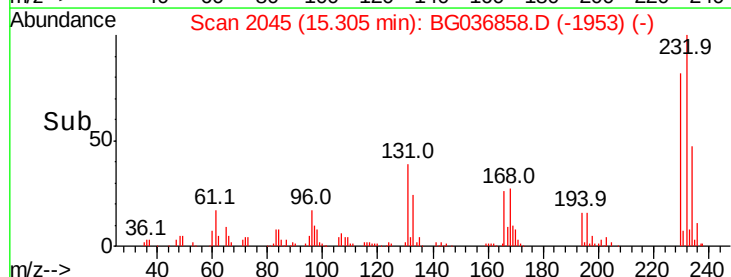
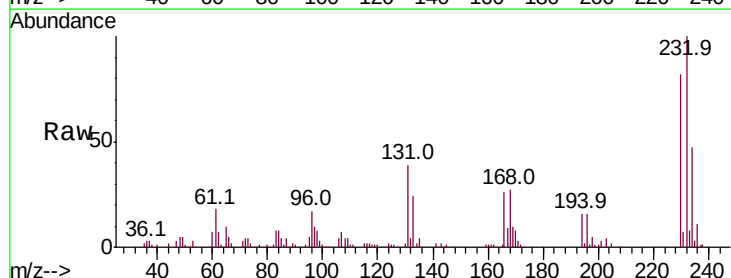
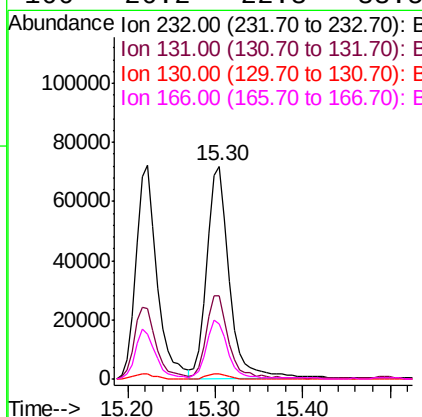
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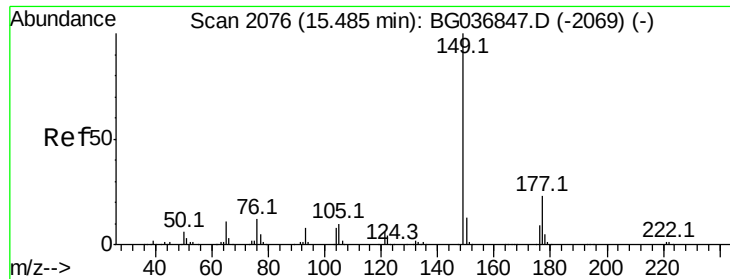
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.116 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.8	50.8
130	2.4	2.1	3.1
166	26.2	22.3	33.5





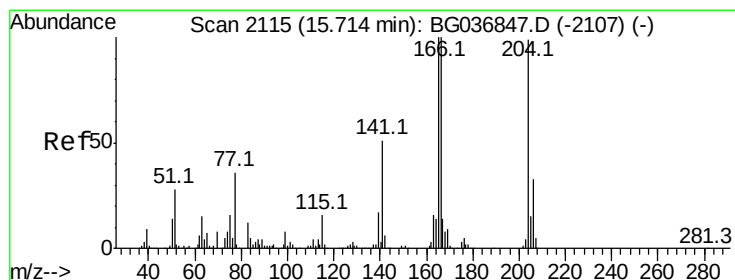
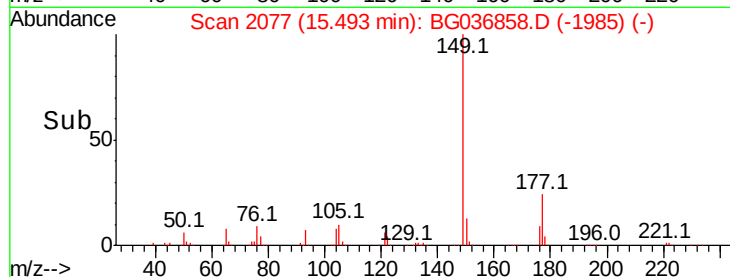
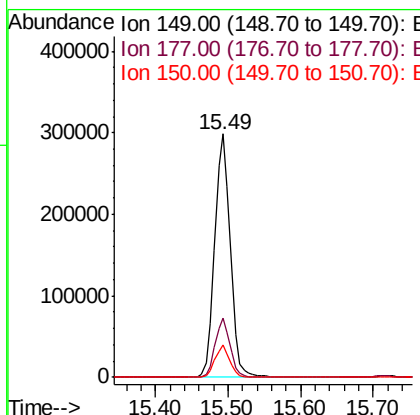
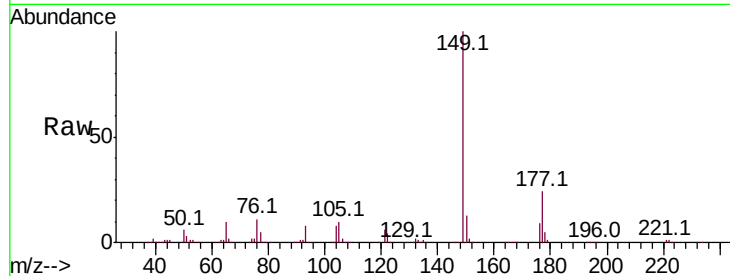
#59
Diethylphthalate
Concen: 44.341 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	446294		
177	24.2	19.1	28.7	
150	13.2	10.7	16.1	

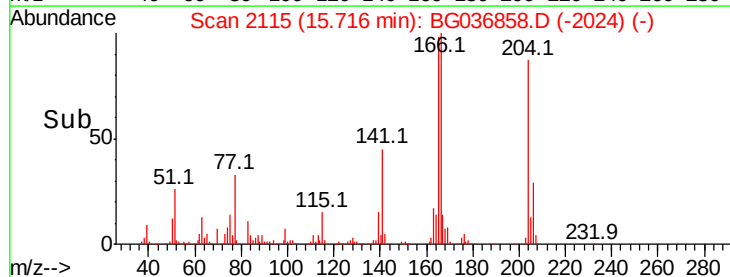
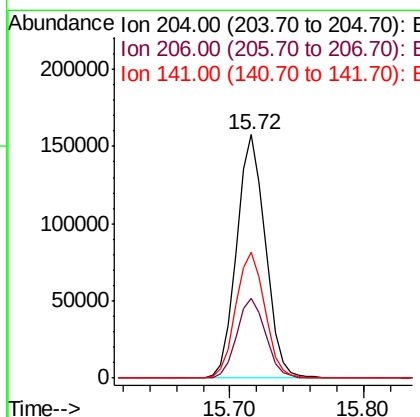
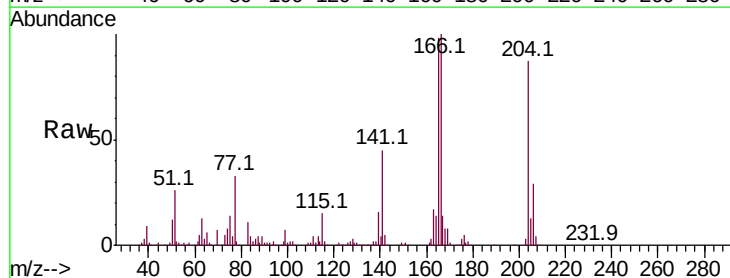
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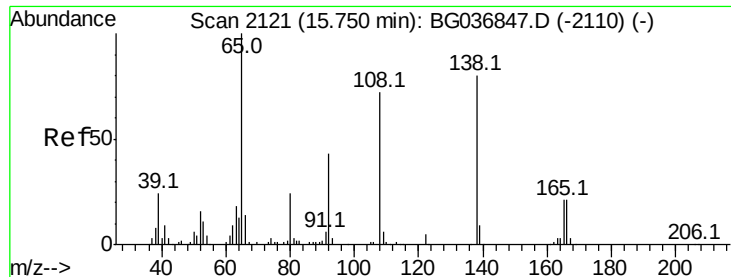
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.575 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	235395		
206	32.7	27.0	40.4	
141	51.7	43.8	65.6	





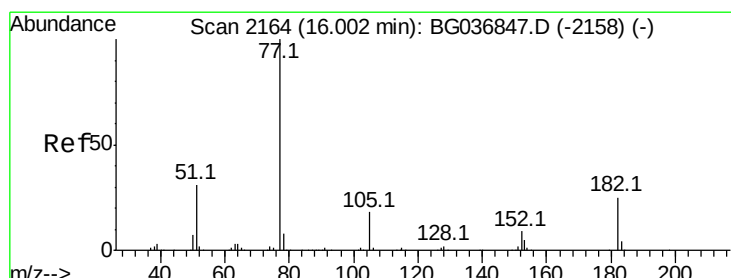
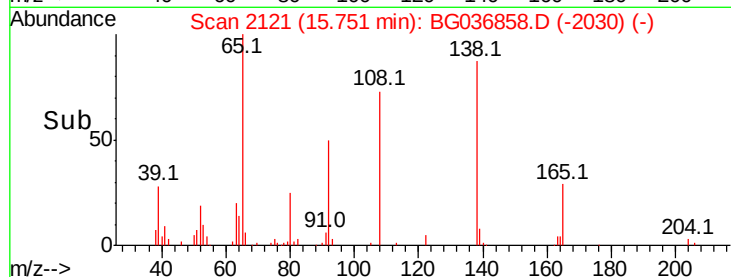
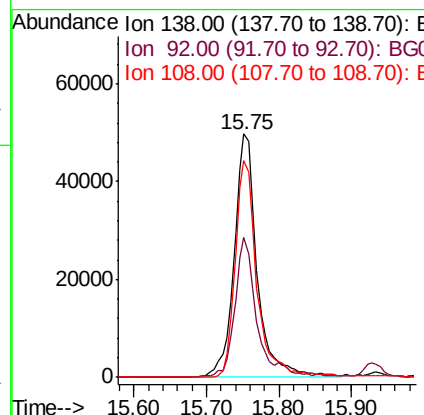
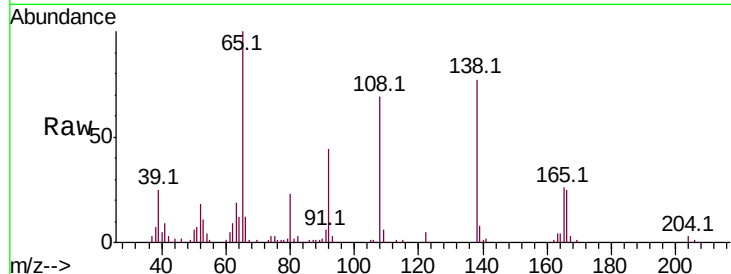
#61
4-Nitroaniline
Concen: 45.503 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	109815		
92	57.6		38.5	78.5
108	88.8		70.3	110.3

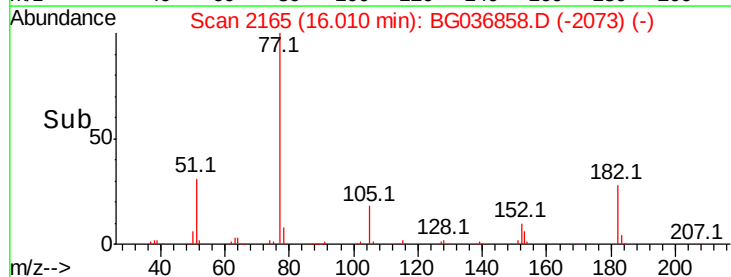
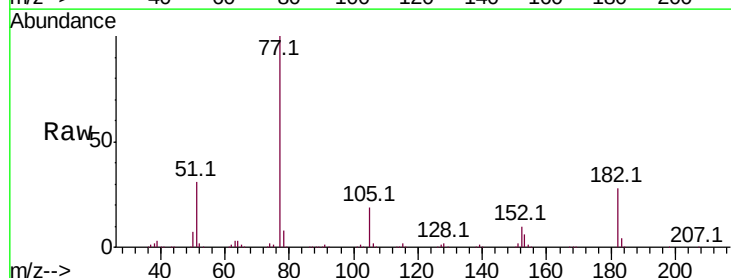
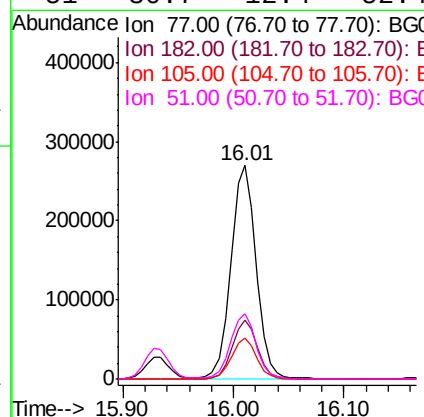
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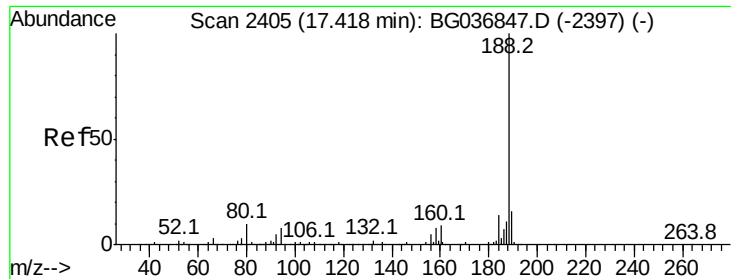
Sohil
9/24/2018 9:29:33 AM



#62
Azobenzene
Concen: 44.478 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	430155		
182	27.8		6.7	46.7
105	19.0		0.0	39.8
51	30.7		12.4	52.4





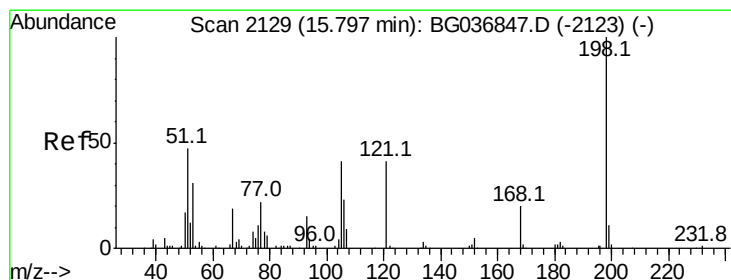
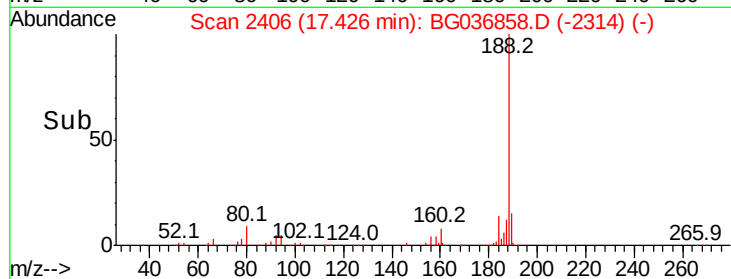
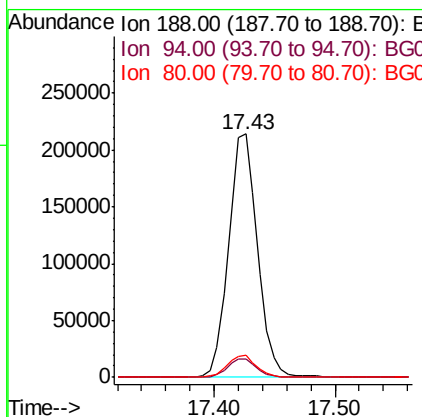
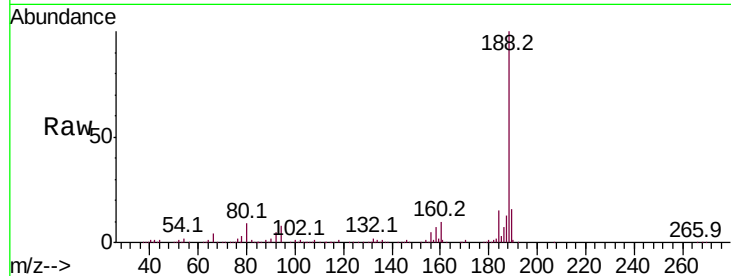
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampled :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	6.7	10.1	
80	9.3	8.1	12.1	

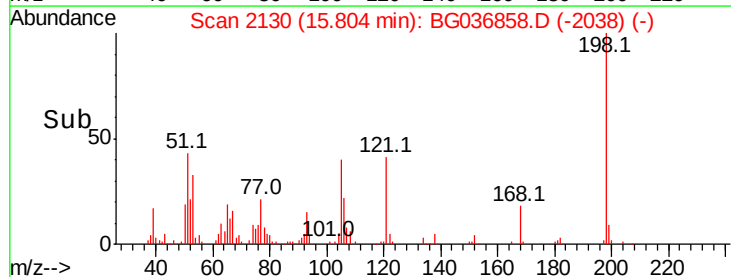
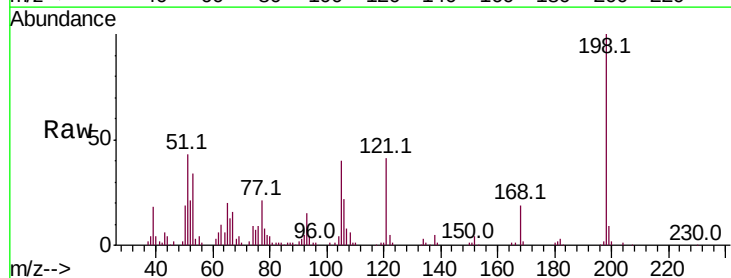
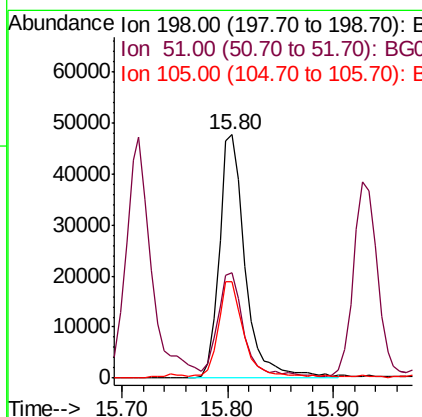
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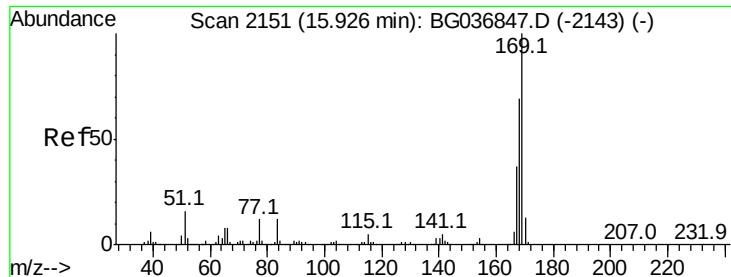
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.955 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.1	26.5	66.5	
105	39.5	20.2	60.2	





#65

n-Nitrosodiphenylamine

Concen: 38.539 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

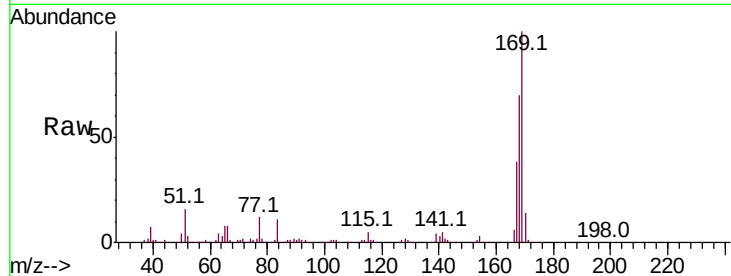
ClientSampleId :

PB113056BS

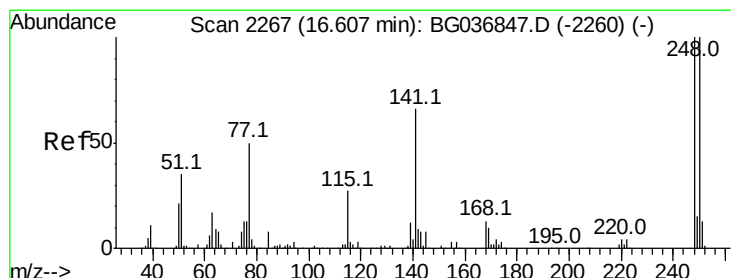
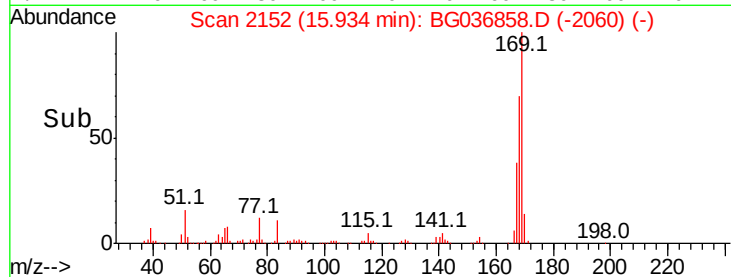
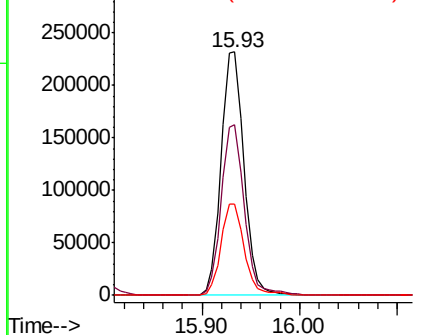
Tot Ion:	169	Resp:	378861
Ion Ratio	Lower	Upper	
169	100		
168	70.0	57.6	86.4
167	37.5	31.0	46.4

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



#66

4-Bromophenyl-phenylether

Concen: 38.651 ng

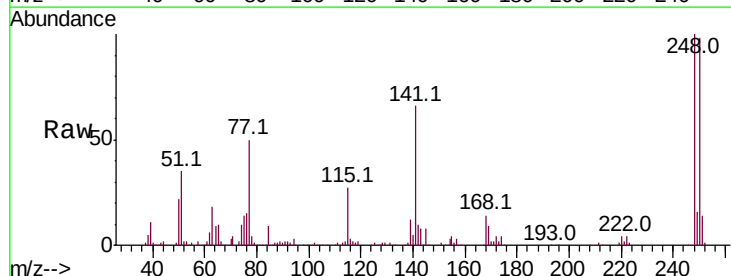
RT: 16.61 min Scan# 2267

Delta R.T. 0.00 min

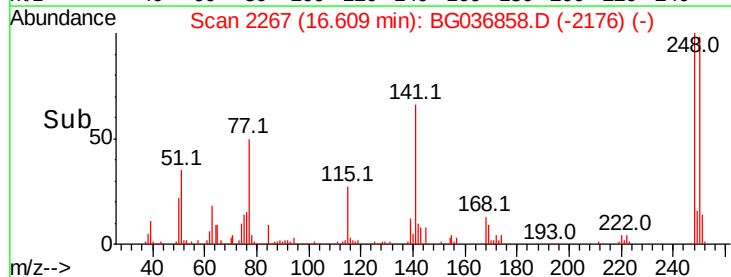
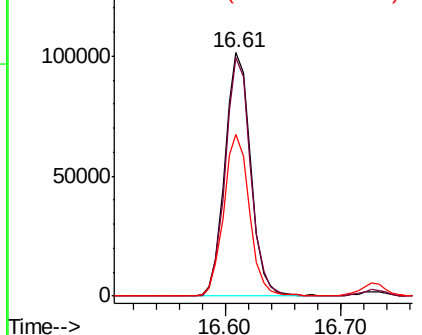
Lab File: BG036858.D

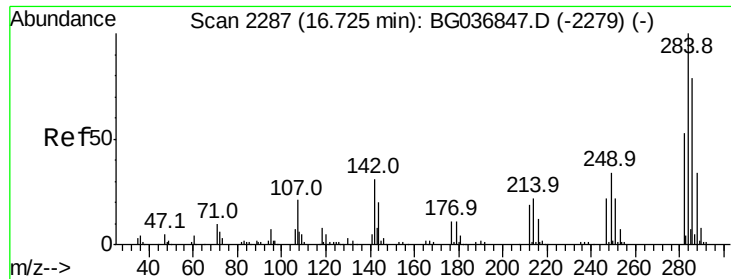
Acq: 21 Sep 2018 14:44

Tgt Ion:	248	Resp:	156552
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.1	117.1
141	66.2	53.7	80.5



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





#67

Hexachlorobenzene

Concen: 38.668 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

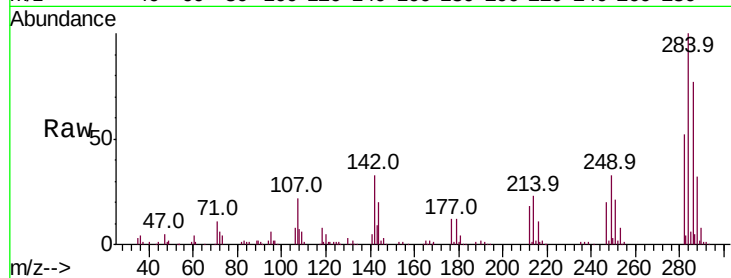
ClientSampleId :

PB113056BS

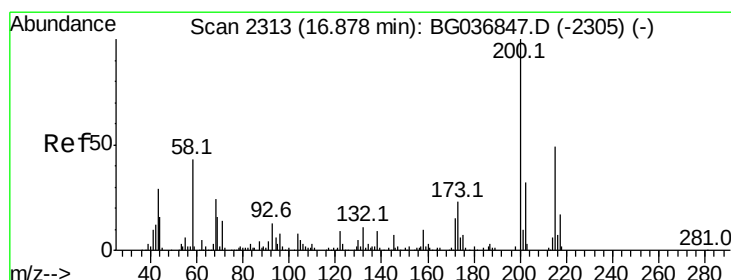
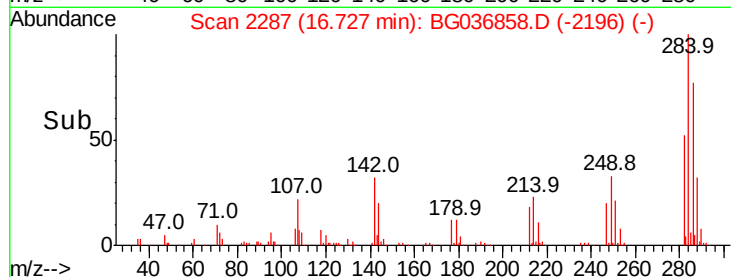
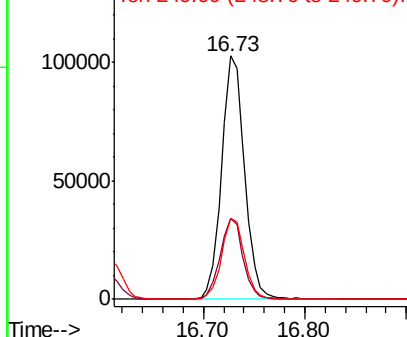
Tot Ion:	284	Resp:	161306
Ion Ratio	Lower	Upper	
284	100		
142	33.4	27.8	41.6
249	33.4	27.4	41.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.493 ng

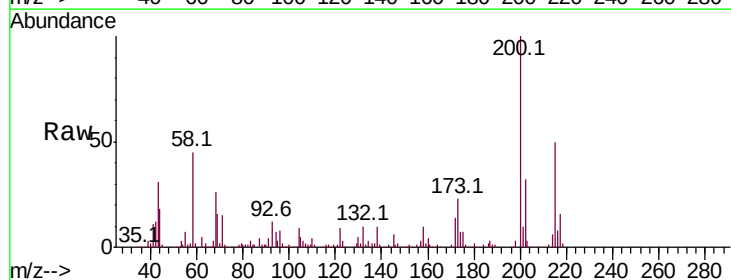
RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

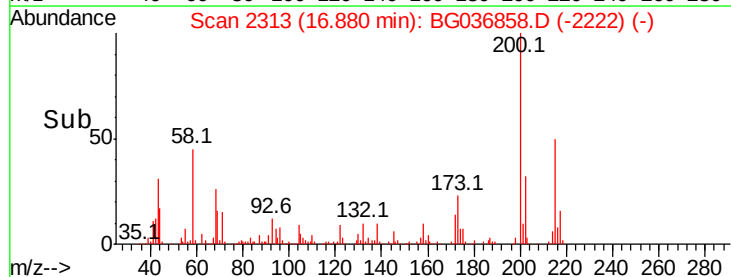
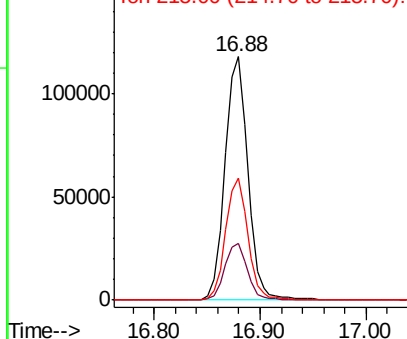
Lab File: BG036858.D

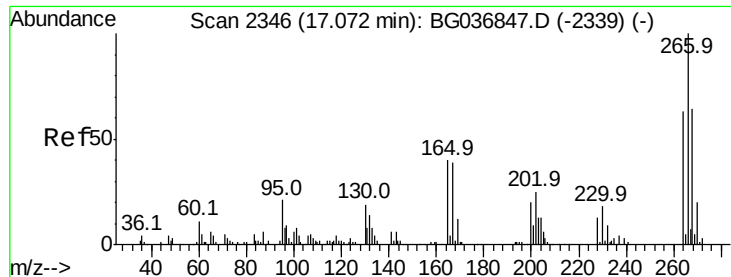
Acq: 21 Sep 2018 14:44

Tgt Ion:	200	Resp:	177107
Ion Ratio	Lower	Upper	
200	100		
173	23.1	3.9	43.9
215	50.2	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





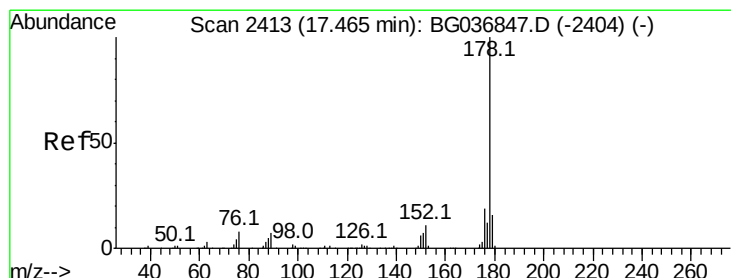
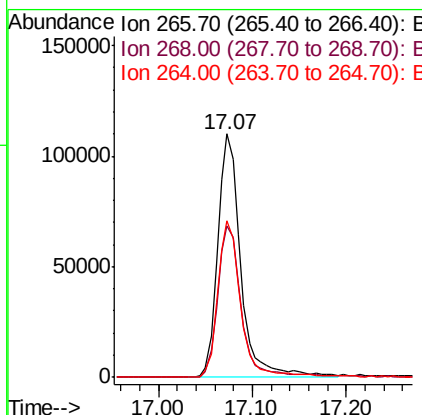
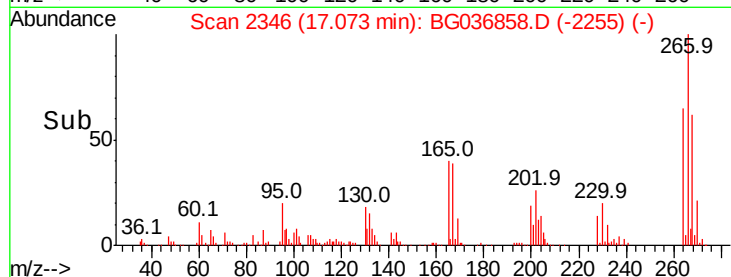
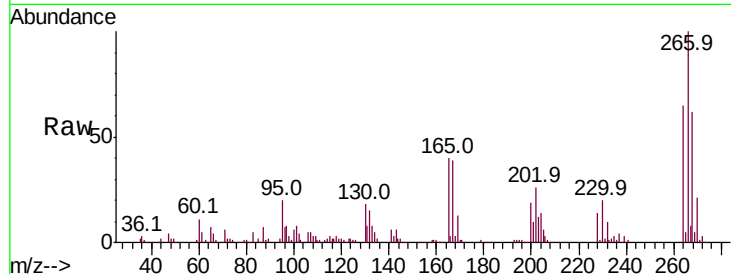
#69
 Pentachlorophenol
 Concen: 72.076 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	189302		
268	62.4	51.4	77.2	
264	64.5	48.9	73.3	

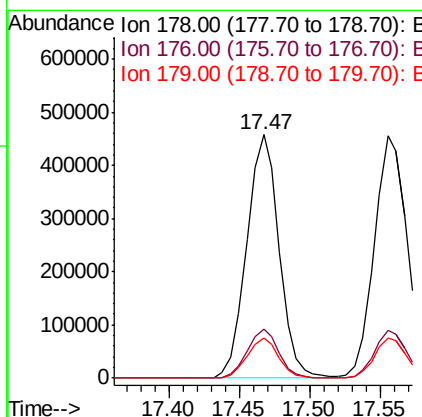
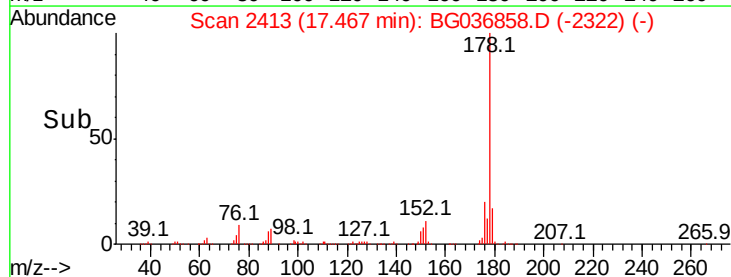
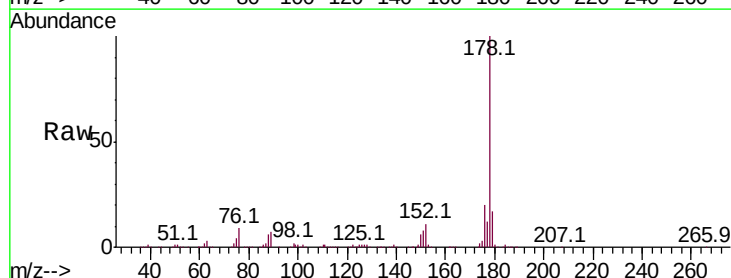
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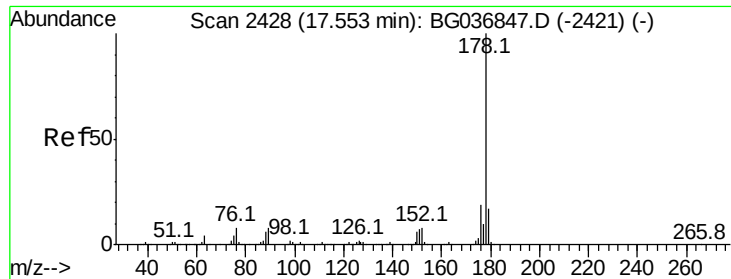
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#70
 Phenanthrene
 Concen: 42.954 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	737080		
176	20.0	15.4	23.2	
179	16.5	13.4	20.2	





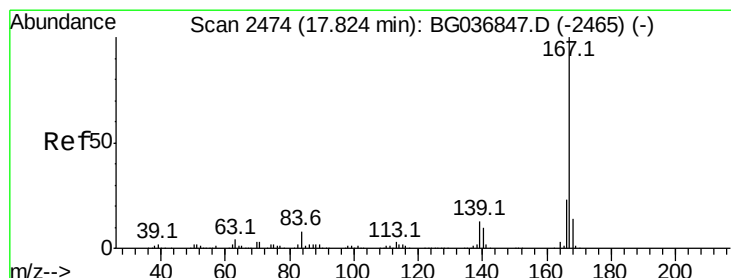
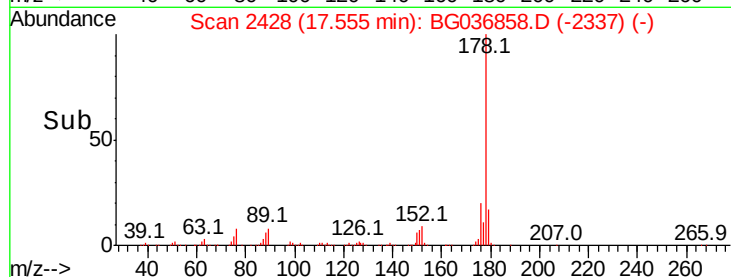
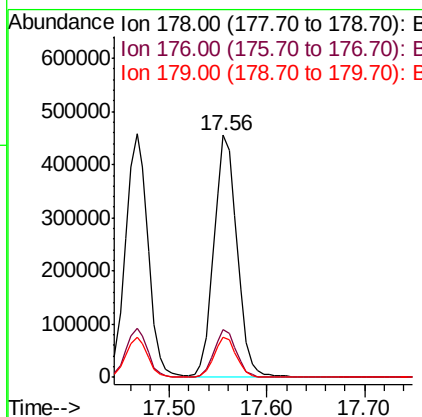
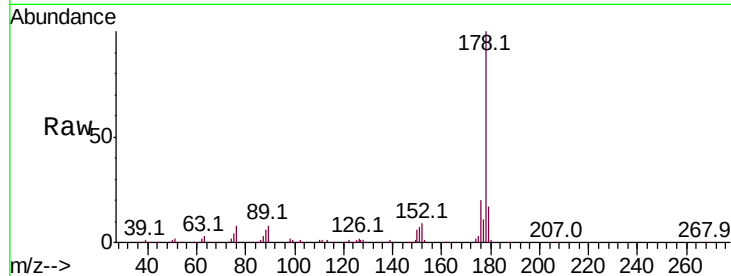
#71
 Anthracene
 Concen: 44.087 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.5	13.0	19.4

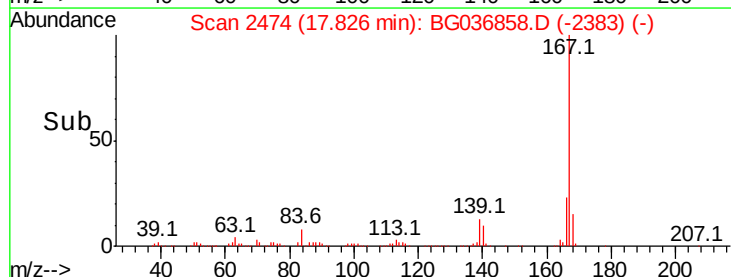
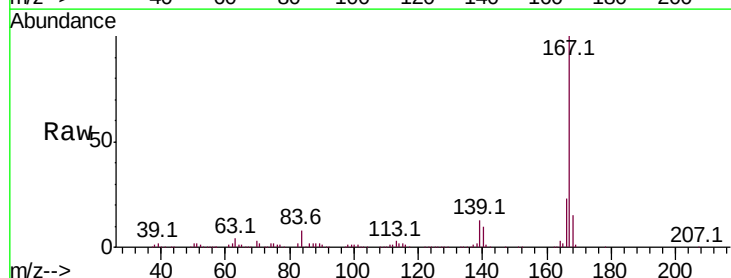
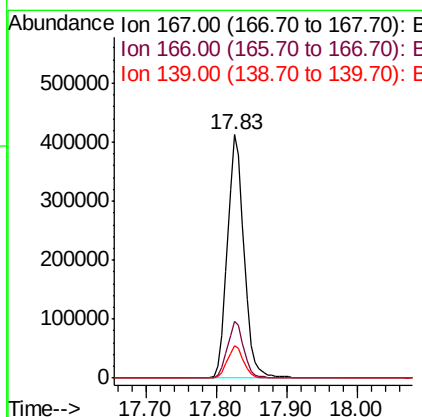
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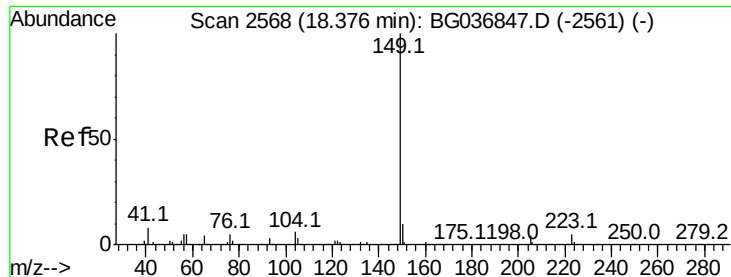
Sohil
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#72
 Carbazole
 Concen: 40.990 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.5	29.3
139	13.3	10.7	16.1





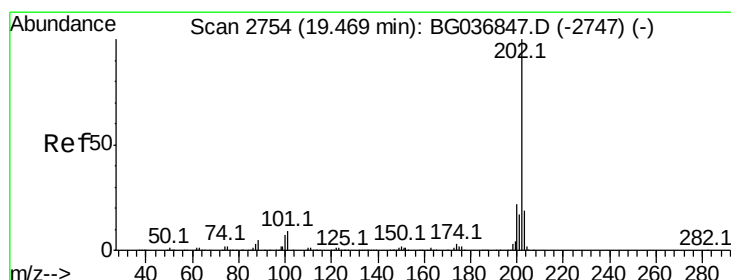
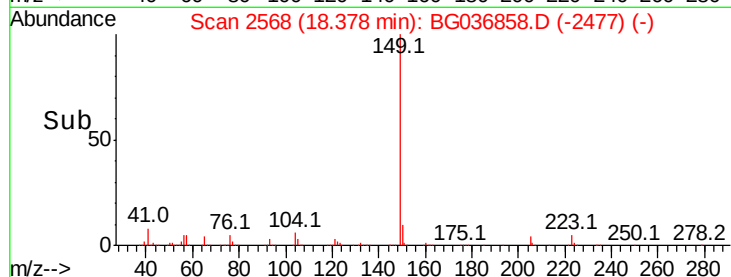
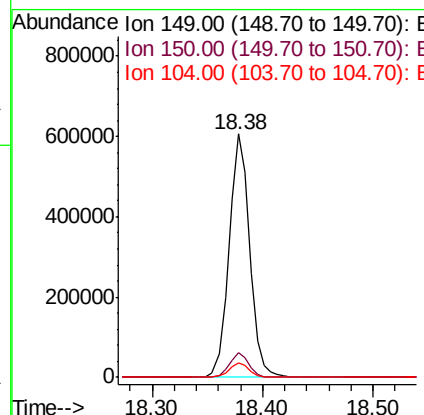
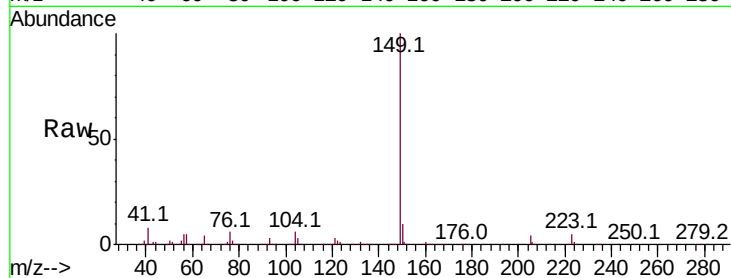
#73
Di-n-butylphthalate
Concen: 43.153 ng
RT: 18.38 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.1	4.6	6.8

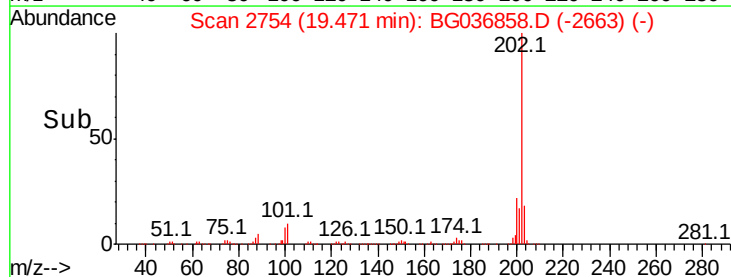
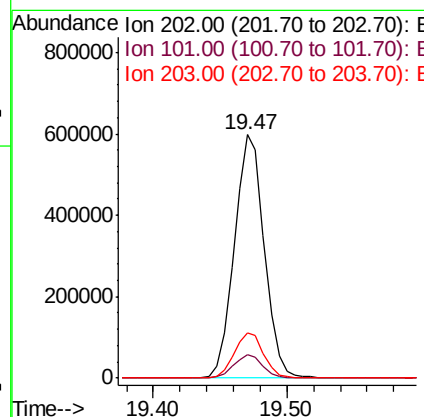
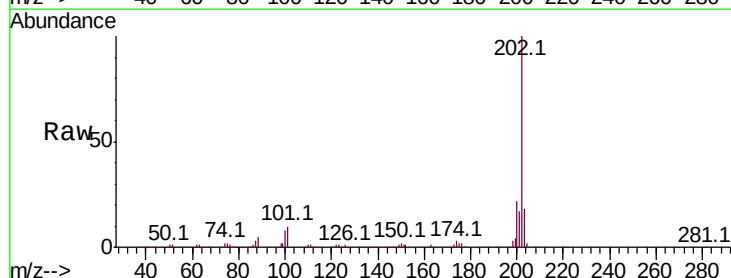
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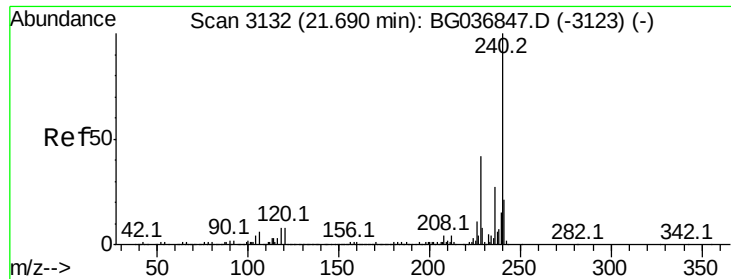
Sohil
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#74
Fluoranthene
Concen: 45.005 ng
RT: 19.47 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	29.4
203	18.5	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

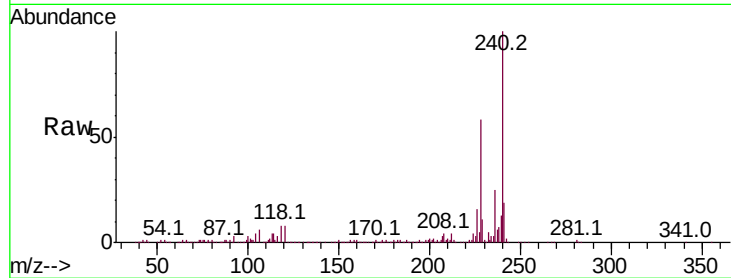
ClientSampleId :

PB113056BS

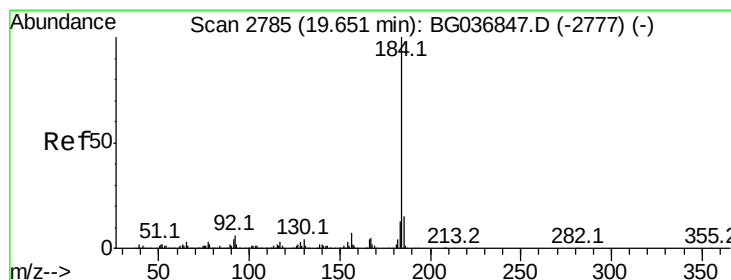
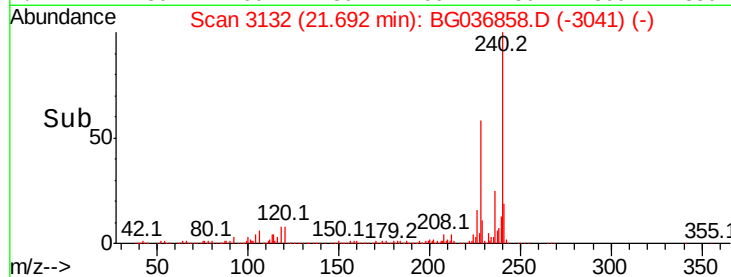
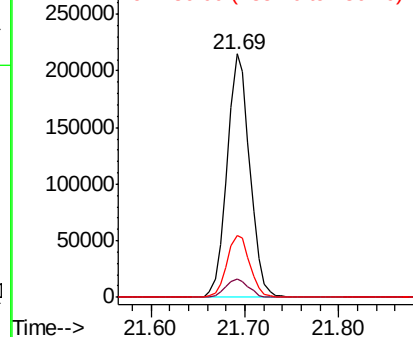
Tot Ion:	240	Resp:	360742
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.9	10.3
236	25.5	21.2	31.8

Manual Integrations
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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: 44.324 ng

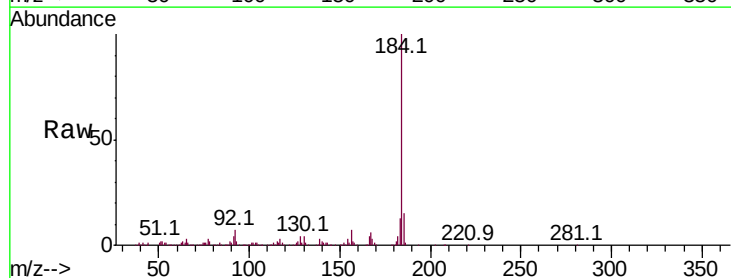
RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

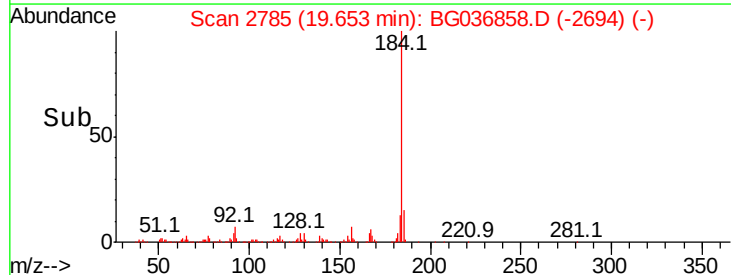
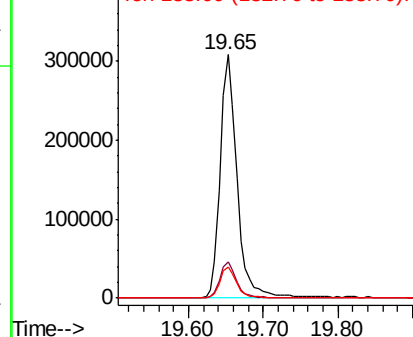
Lab File: BG036858.D

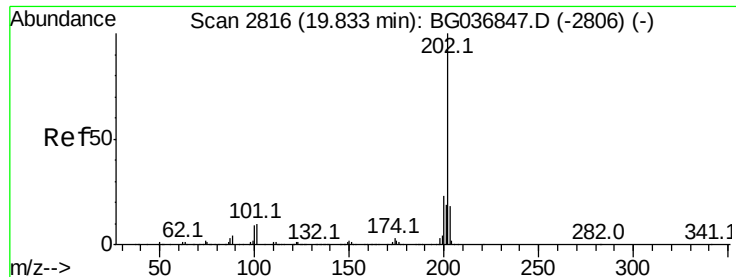
Acq: 21 Sep 2018 14:44

Tgt Ion:	184	Resp:	483357
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	13.0	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: 42.212 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Instrument :

BNA_G

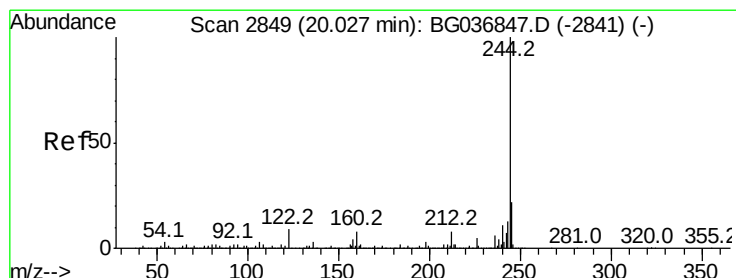
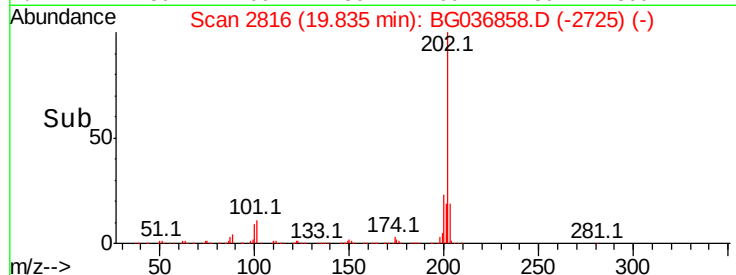
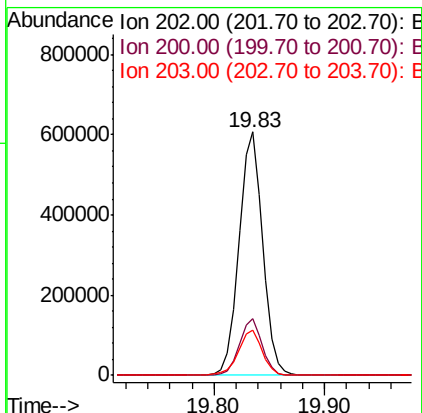
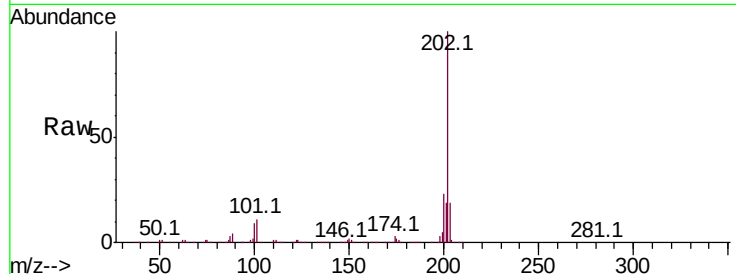
ClientSampleId :

PB113056BS

Tot Ion:	202	Resp:	913787
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.3	27.5
203	18.7	15.1	22.7

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#78

Terphenyl-d14

Concen: 97.042 ng

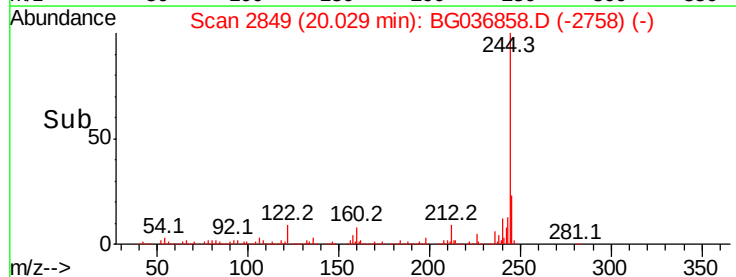
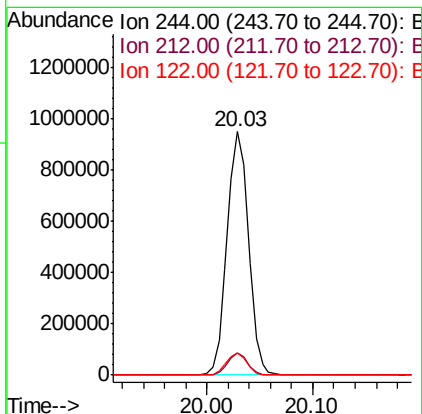
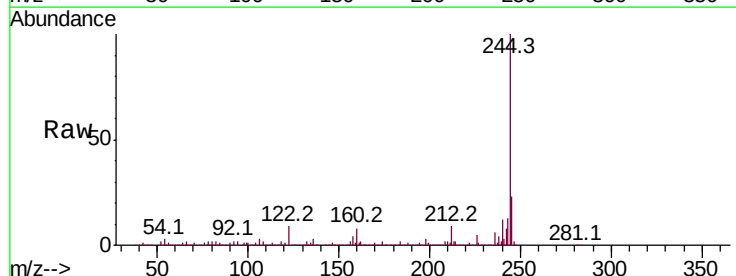
RT: 20.03 min Scan# 2849

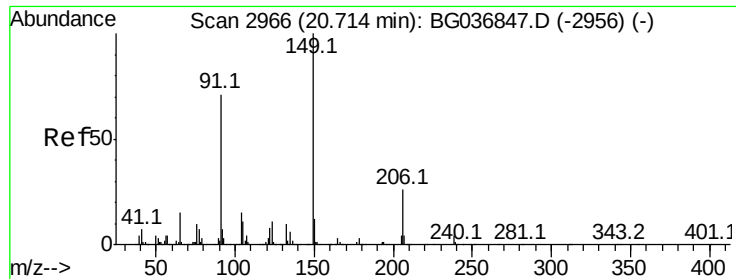
Delta R.T. 0.00 min

Lab File: BG036858.D

Acq: 21 Sep 2018 14:44

Tgt Ion:	244	Resp:	1331321
Ion Ratio	Lower	Upper	
244	100		
212	9.0	7.0	10.6
122	9.0	7.1	10.7





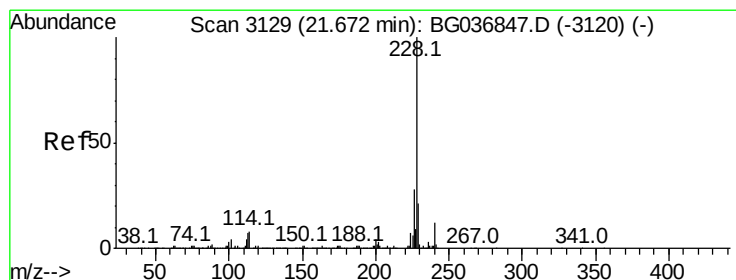
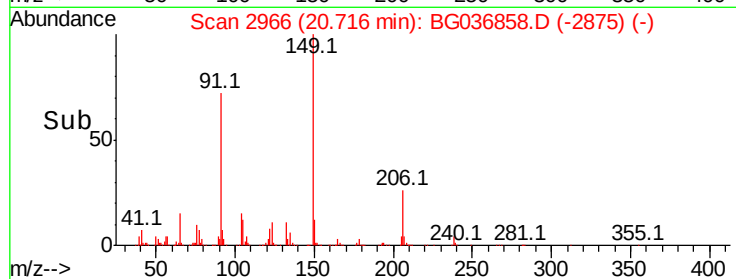
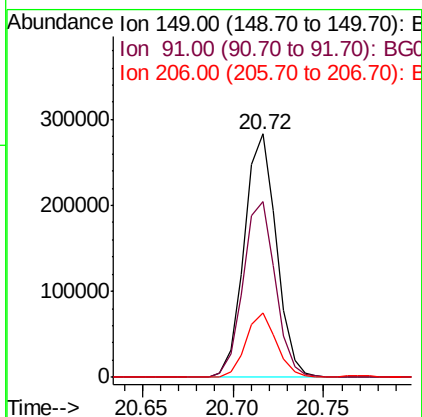
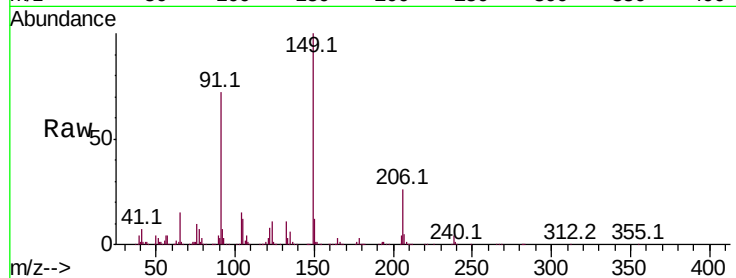
#79
Butylbenzylphthalate
Concen: 40.436 ng
RT: 20.72 min Scan# 2966
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.2	62.0	93.0	
206	26.4	19.6	29.4	

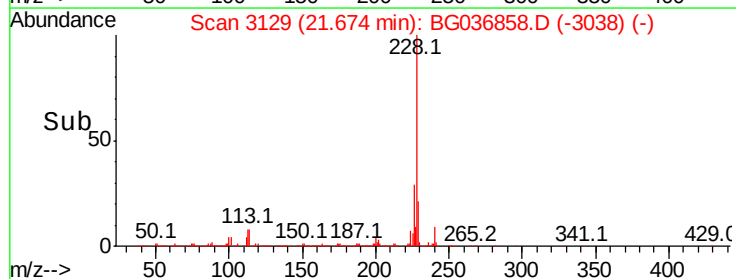
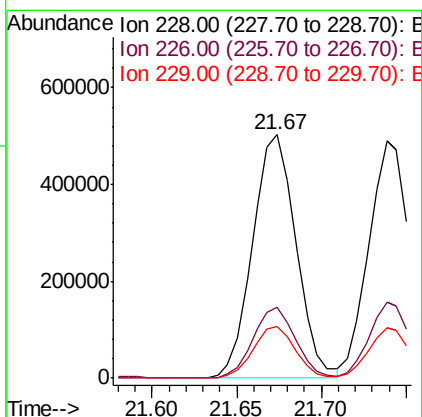
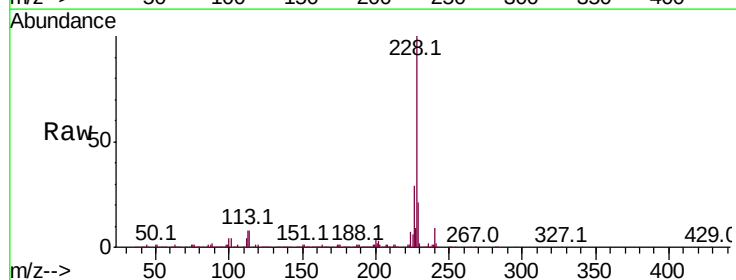
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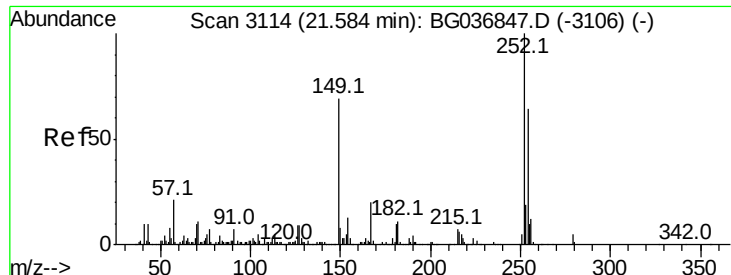
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#80
Benzo(a)anthracene
Concen: 42.516 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.2	23.4	35.2	
229	21.0	17.1	25.7	





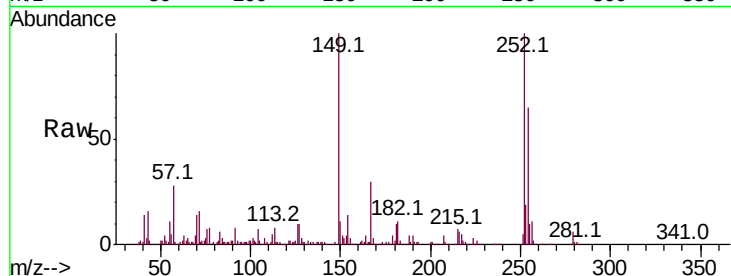
#81
 3,3'-Dichlorobenzidine
 Concen: 28.998 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

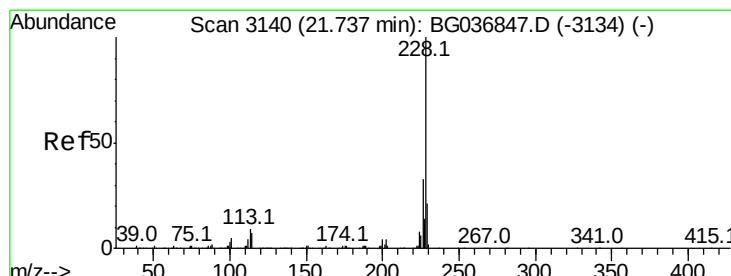
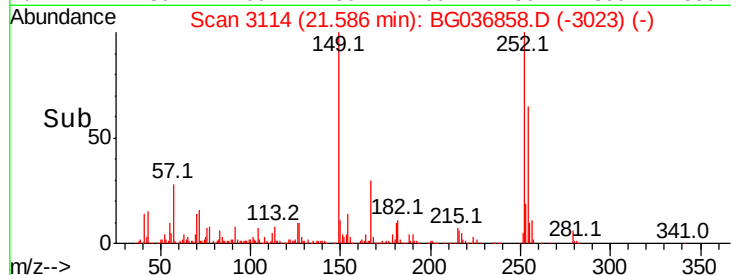
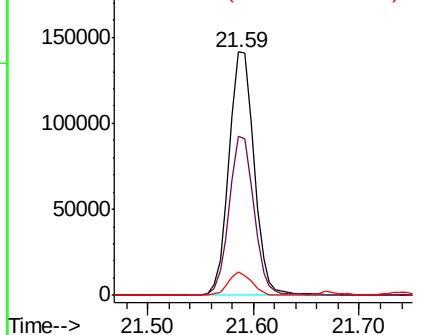
Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	51.0	76.4
126	9.6	7.4	11.0

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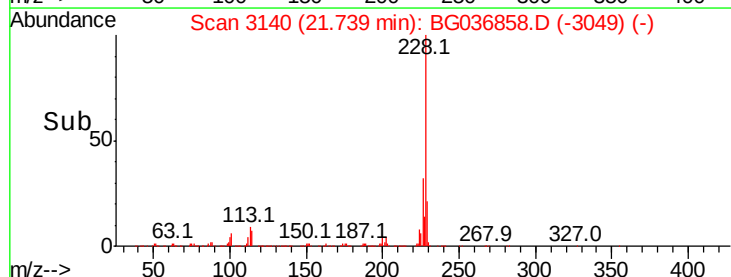
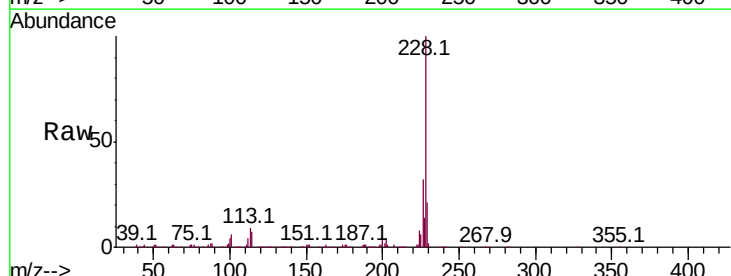
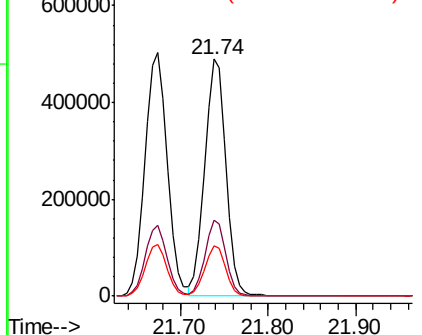
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

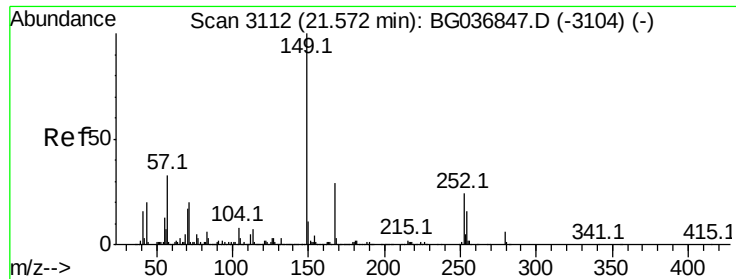


#82
 Chrysene
 Concen: 40.626 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.1	25.5	38.3
229	21.1	16.9	25.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





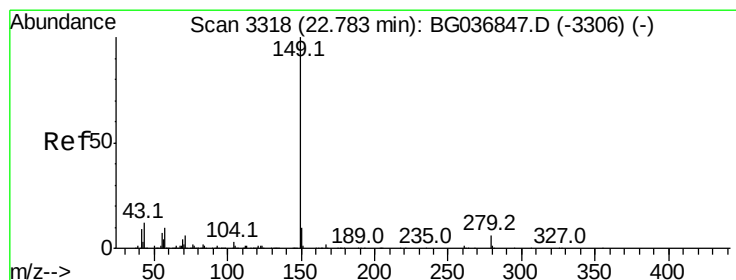
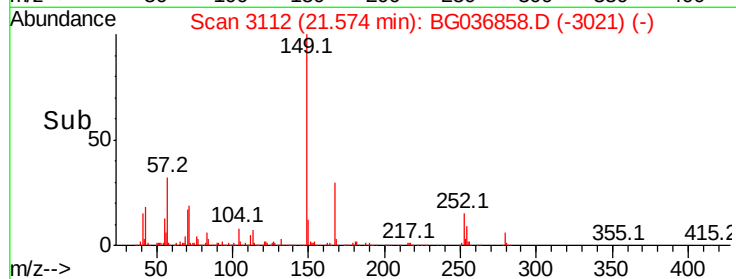
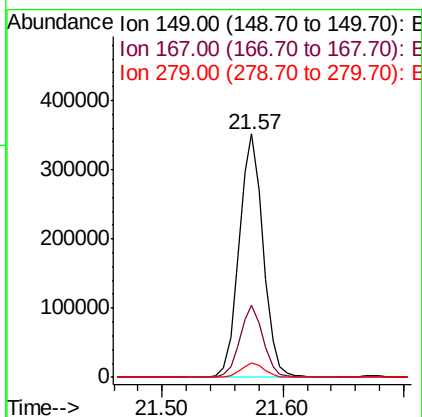
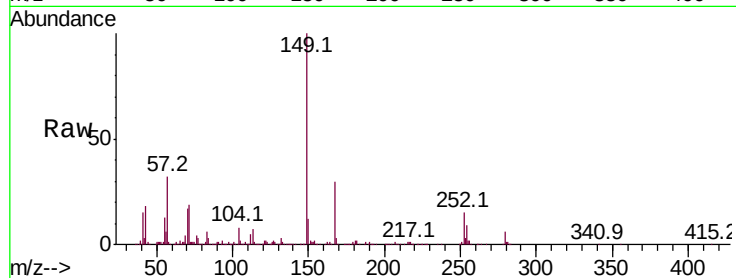
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.462 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	487727		
167	29.5	23.4	35.0	
279	5.8	4.6	7.0	

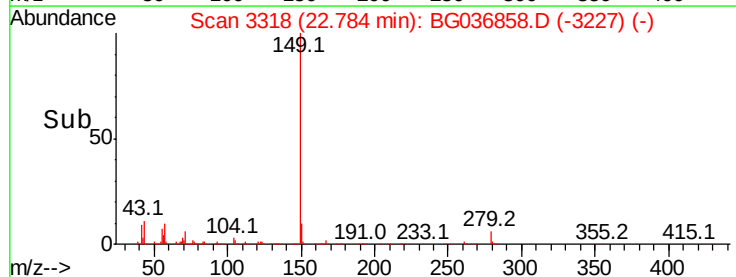
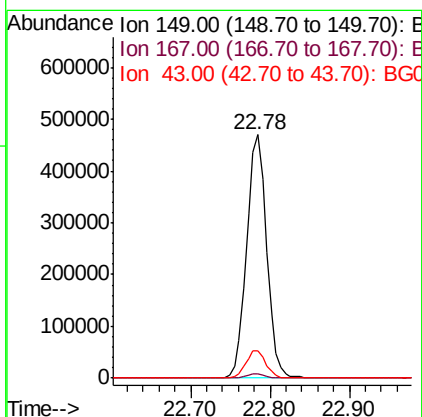
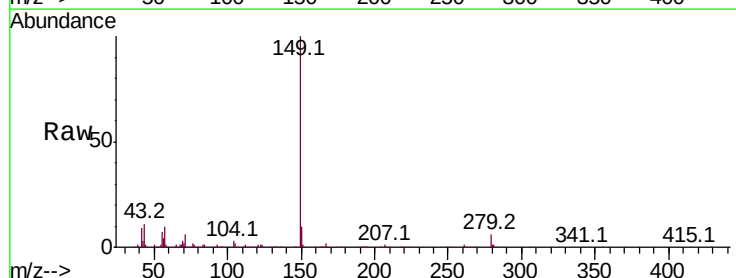
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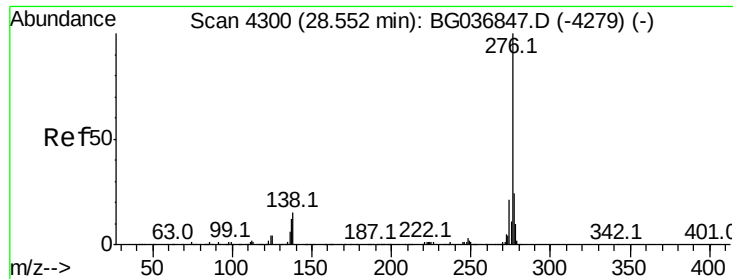
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#84
 Di-n-octyl phthalate
 Concen: 41.699 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	827569		
167	1.7	1.3	1.9	
43	11.2	10.0	15.0	





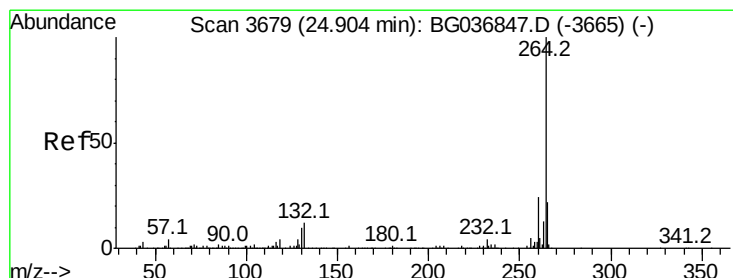
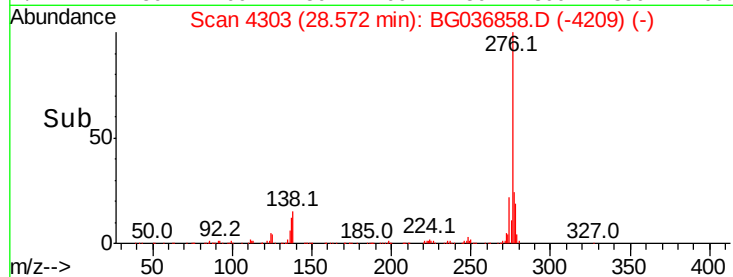
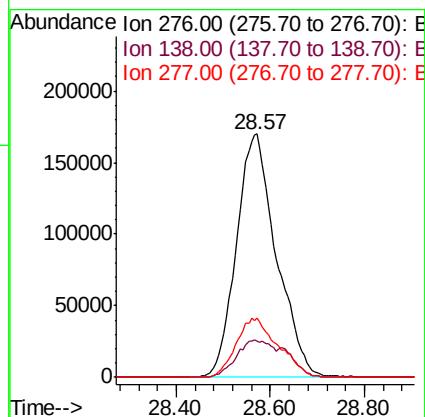
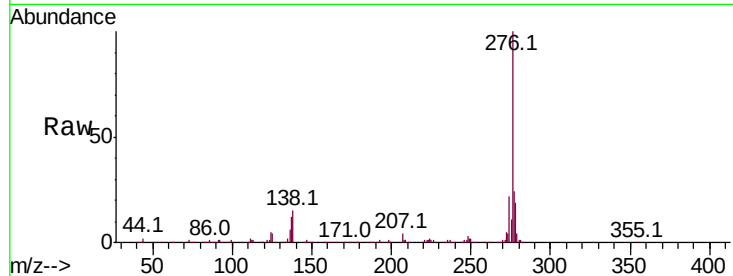
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.822 ng
 RT: 28.57 min Scan# 4303
 Delta R.T. 0.02 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion:276 Resp: 1001164
 Ion Ratio Lower Upper
 276 100
 138 13.8 10.6 15.8
 277 25.6 20.6 30.8

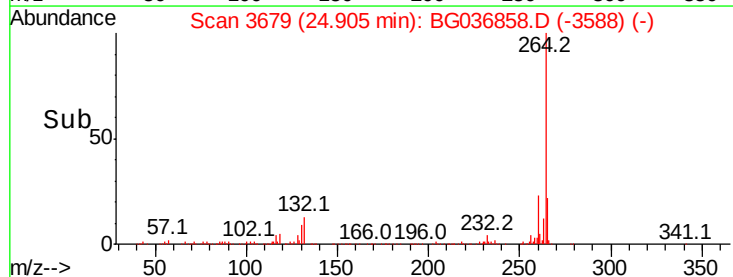
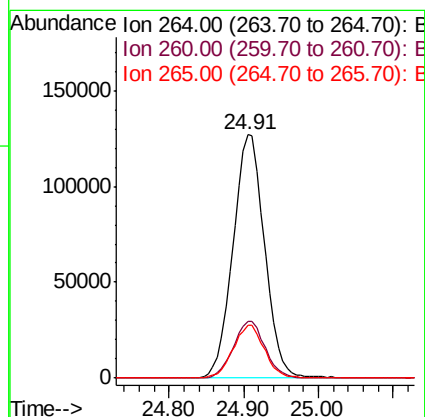
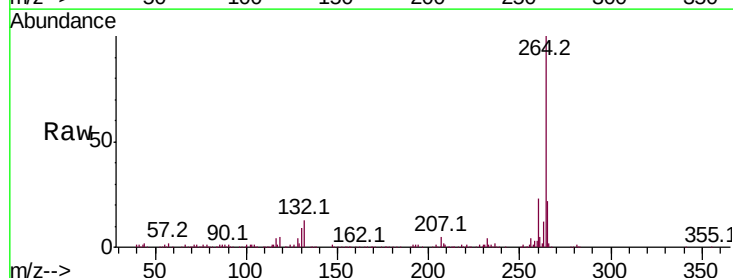
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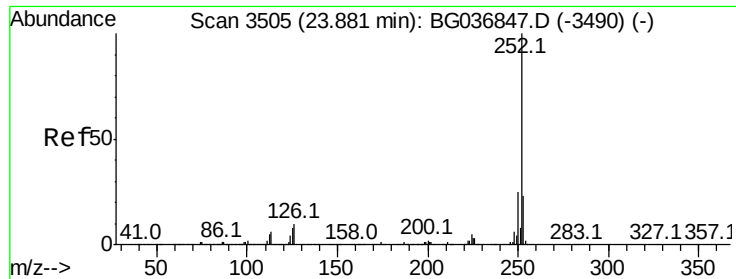
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Tgt Ion:264 Resp: 372998
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.8 17.4 26.0





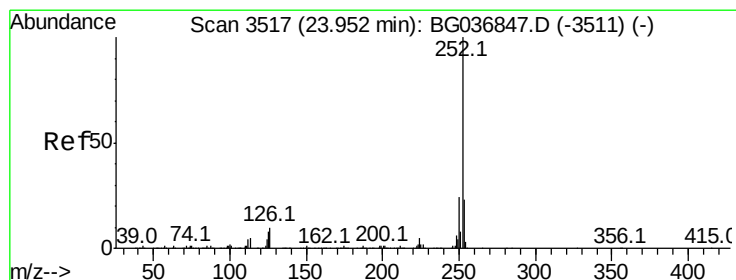
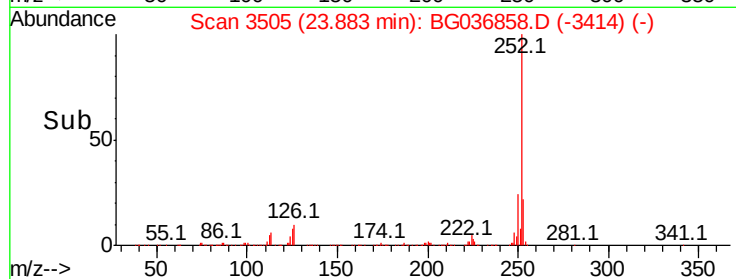
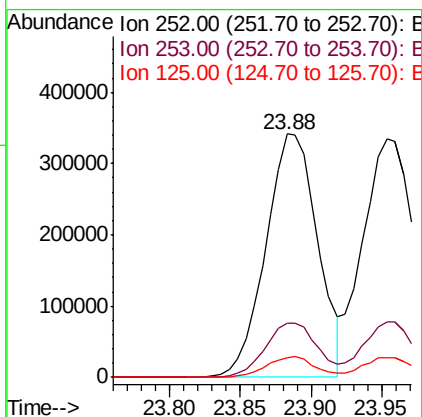
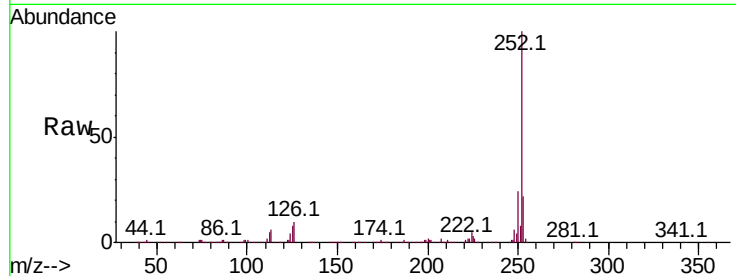
#87
Benzo(b)fluoranthene
Concen: 44.002 ng
RT: 23.88 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.1	6.6	10.0

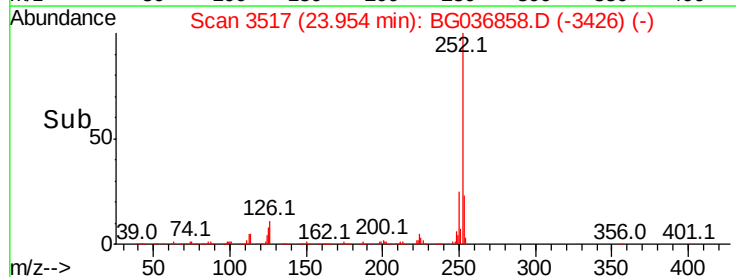
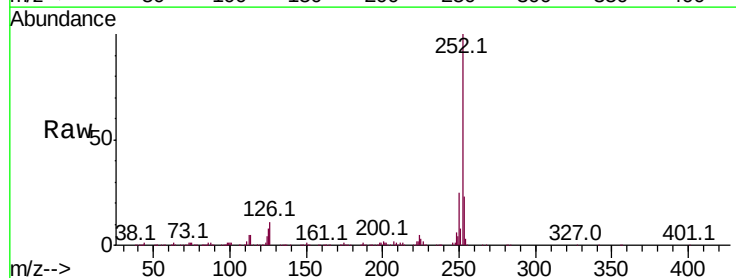
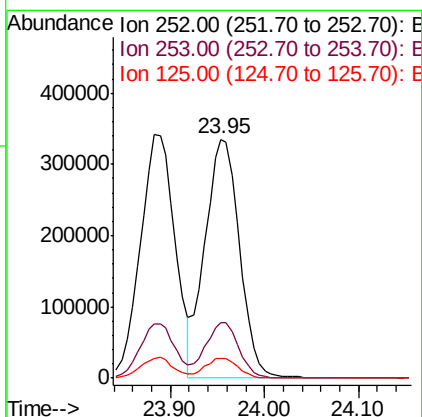
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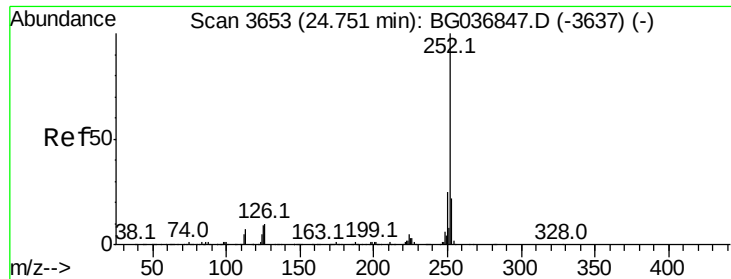
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#88
Benzo(k)fluoranthene
Concen: 42.962 ng
RT: 23.95 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	8.2	7.0	10.6





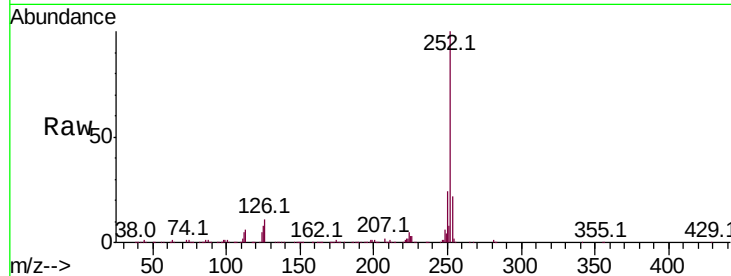
#89
Benzo(a)pyrene
Concen: 44.649 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.01 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.5	7.3	10.9

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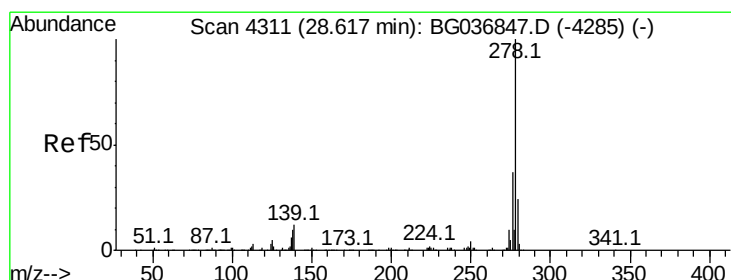
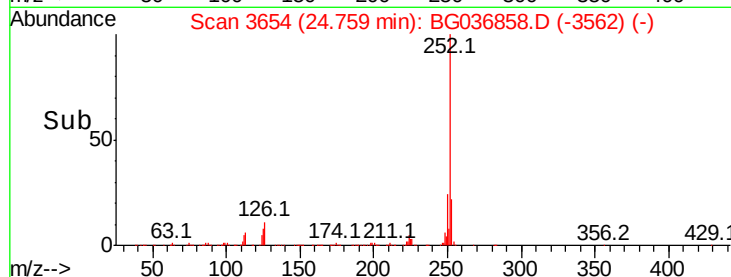
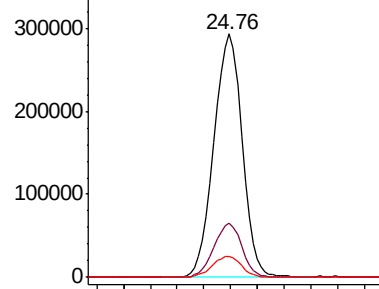


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 45.212 ng
RT: 28.64 min Scan# 4314
Delta R.T. 0.02 min
Lab File: BG036858.D
Acq: 21 Sep 2018 14:44

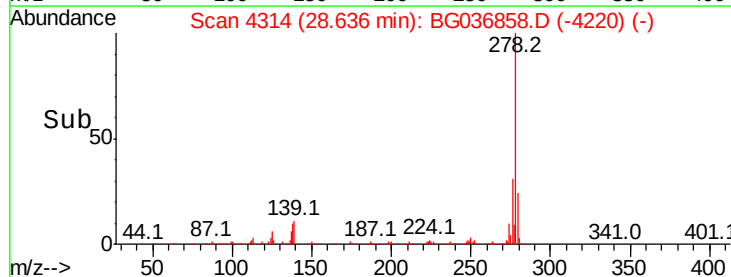
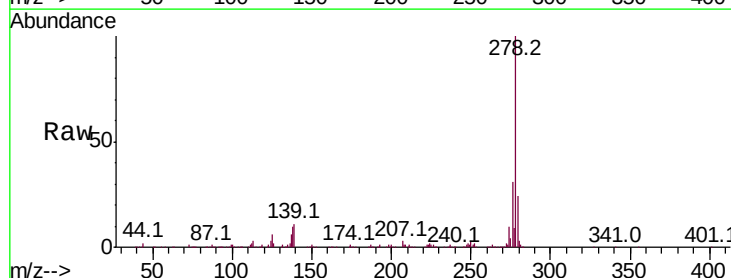
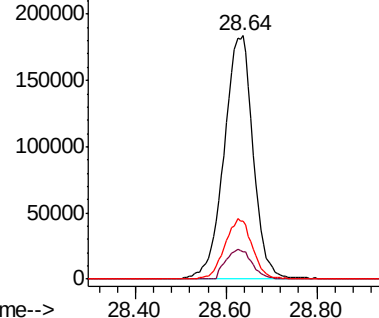
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	11.0	16.4
279	24.0	18.7	28.1

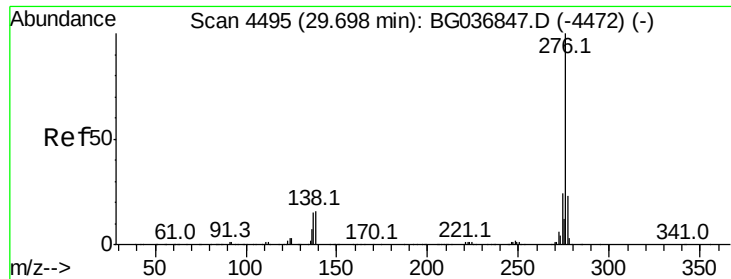
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.669 ng
 RT: 29.72 min Scan# 4498
 Delta R.T. 0.02 min
 Lab File: BG036858.D
 Acq: 21 Sep 2018 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	15.9	14.6	22.0

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