

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037855.D
 Acq On : 7 Nov 2018 1:53
 Operator : JU/SJ
 Sample : PB114524BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

Manual Integrations
 APPROVED

Sohil
 11/7/2018 4:07:56 PM

Quant Time: Nov 07 09:46:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46073	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	205102	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	133980	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	314014	20.00	ng	0.00
76) Chrysene-d12	21.76	240	284177	20.00	ng	-0.01
87) Perylene-d12	25.09	264	283550	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	329890	119.71	ng	0.00
7) Phenol-d6	7.24	99	473655	113.66	ng	0.00
23) Nitrobenzene-d5	9.27	82	276454	75.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	167248	114.45	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	672583	75.70	ng	-0.01
79) Terphenyl-d14	20.07	244	1001289	75.29	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	39196	28.046	ng	94
3) Pyridine	3.92	79	110399	31.342	ng	93
4) n-Nitrosodimethylamine	3.85	42	51311	40.897	ng	91
6) Aniline	7.42	93	53924	10.607	ng	92
8) 2-Chlorophenol	7.65	128	135439	42.011	ng	98
9) Benzaldehyde	7.24	77	80493	30.879	ng	96
10) Phenol	7.27	94	179031	40.719	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	126452	37.867	ng	98
12) 1,3-Dichlorobenzene	7.98	146	136021	37.899	ng	100
13) 1,4-Dichlorobenzene	8.13	146	138723	37.786	ng	98
14) 1,2-Dichlorobenzene	8.45	146	131852	37.336	ng	99
15) Benzyl Alcohol	8.34	79	116476	37.828	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	227829	38.130	ng	97
17) 2-Methylphenol	8.53	107	119828	41.224	ng	99
18) Hexachloroethane	9.18	117	49828	39.811	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	100057	34.869	ng	95
20) 3+4-Methylphenols	8.85	107	168441	40.531	ng	99
22) Acetophenone	8.92	105	193045	37.529	ng	# 97
24) Nitrobenzene	9.31	77	152184	40.011	ng	96
25) Isophorone	9.83	82	285763	42.716	ng	97
26) 2-Nitrophenol	10.03	139	74275	43.348	ng	98
27) 2,4-Dimethylphenol	10.07	122	144893	47.361	ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	179513	40.956	ng	97
29) 2,4-Dichlorophenol	10.56	162	147314	43.247	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	146931	39.665	ng	99
31) Naphthalene	10.97	128	428965	42.581	ng	100
32) Benzoic acid	10.17	122	59234m	29.810	ng	
33) 4-Chloroaniline	11.08	127	39113	8.263	ng	# 92
34) Hexachlorobutadiene	11.23	225	87033	39.643	ng	96
35) Caprolactam	11.86	113	50886	37.248	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	157673	41.044	ng	99
37) 2-Methylnaphthalene	12.57	142	334024	45.485	ng	98
38) 1-Methylnaphthalene	12.78	142	314950	44.162	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	170781	39.518	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	208443	100.975	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	122098	42.290	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	135290	43.038	ng	98
46) 1,1'-Biphenyl	13.56	154	428772	38.643	ng	99
47) 2-Chloronaphthalene	13.61	162	344229	41.006	ng	100
48) 2-Nitroaniline	13.82	65	107559	42.252	ng	93
49) Acenaphthylene	14.46	152	567062	44.906	ng	99
50) Dimethylphthalate	14.18	163	428197	41.312	ng	99
51) 2,6-Dinitrotoluene	14.31	165	98762	43.072	ng	92
52) Acenaphthene	14.79	154	331349	42.607	ng	97
53) 3-Nitroaniline	14.64	138	43490	17.085	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	42933	54.056	ng	97
55) Dibenzofuran	15.13	168	531117	41.220	ng	99
56) 4-Nitrophenol	14.93	139	185060	98.219	ng	99
57) 2,4-Dinitrotoluene	15.09	165	137719	45.756	ng	91
58) Fluorene	15.77	166	427466	44.302	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113459	42.155	ng	98
60) Diethylphthalate	15.53	149	442689	41.601	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	224009	39.831	ng	96
62) 4-Nitroaniline	15.80	138	98452	38.924	ng	93
63) Azobenzene	16.06	77	418391	41.209	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	52552	34.747	ng	99
66) n-Nitrosodiphenylamine	15.98	169	385384	40.800	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	138743	40.234	ng	99
68) Hexachlorobenzene	16.77	284	139787	39.113	ng	99
69) Atrazine	16.92	200	141057	41.304	ng	99
70) Pentachlorophenol	17.12	266	138682	57.930	ng	97
71) Phenanthrene	17.52	178	693052	43.427	ng	100
72) Anthracene	17.61	178	706578	45.115	ng	98
73) Carbazole	17.88	167	628935	40.146	ng	99
74) Di-n-butylphthalate	18.42	149	753756	43.251	ng	99
75) Fluoranthene	19.52	202	804095	44.423	ng	99
77) Benzidine	19.70	184	112604	11.653	ng	99
78) Pyrene	19.89	202	799338	43.028	ng	100
80) Butylbenzylphthalate	20.76	149	335475	44.125	ng	95
81) Benzo(a)anthracene	21.74	228	741416	44.109	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	90991	13.966	ng	98
83) Chrysene	21.81	228	704734	43.602	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	478653	44.914	ng	99
85) Di-n-octyl phthalate	22.85	149	804442	46.291	ng	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	615897	35.528	ng	98
88) Benzo(b)fluoranthene	24.02	252	701486	45.125	ng	100
89) Benzo(k)fluoranthene	24.09	252	689487	45.271	ng	98
90) Benzo(a)pyrene	24.93	252	672594	45.533	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	484668	35.570	ng	96
92) Benzo(g,h,i)perylene	30.11	276	516013	37.433	ng	99

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

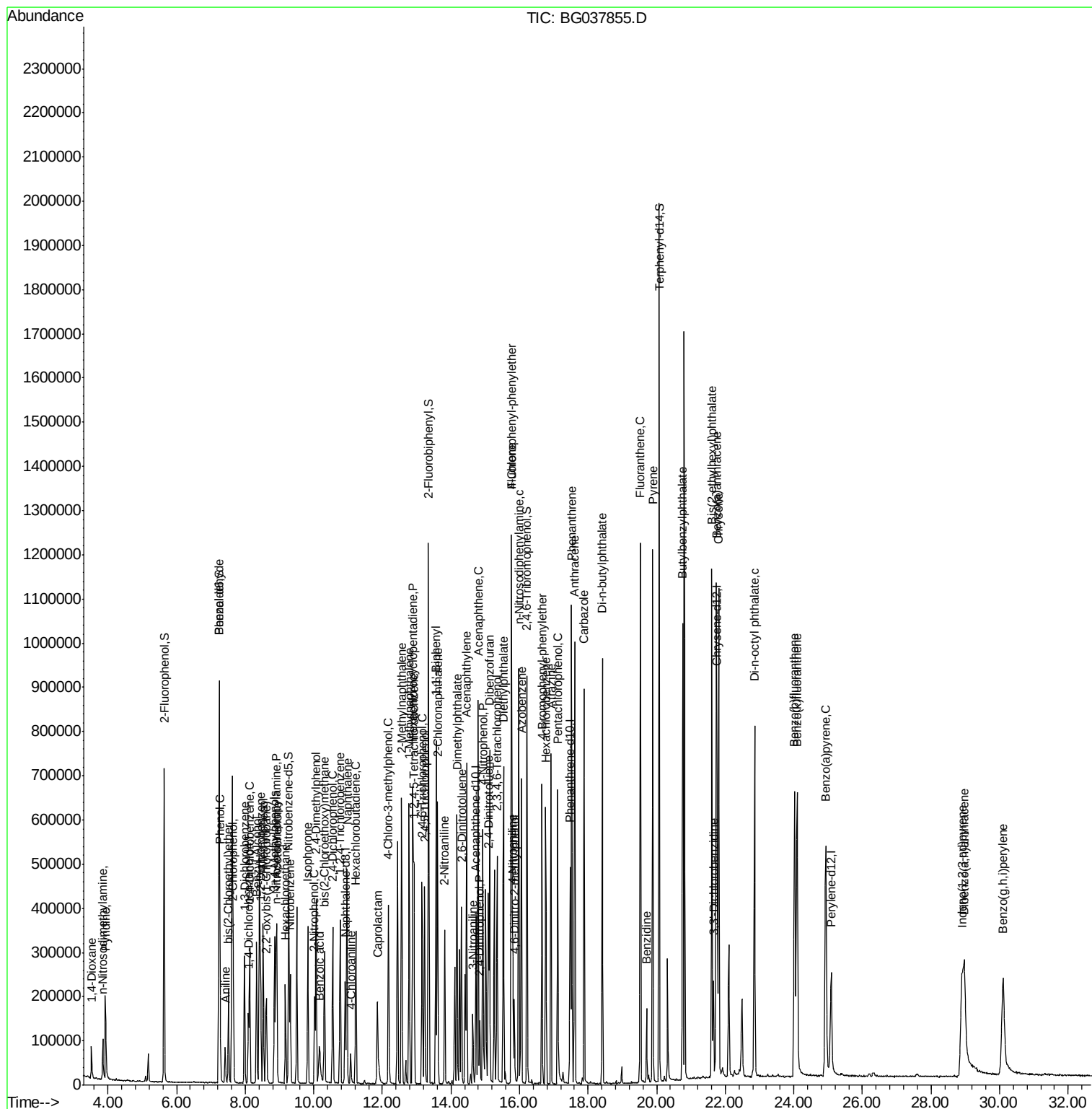
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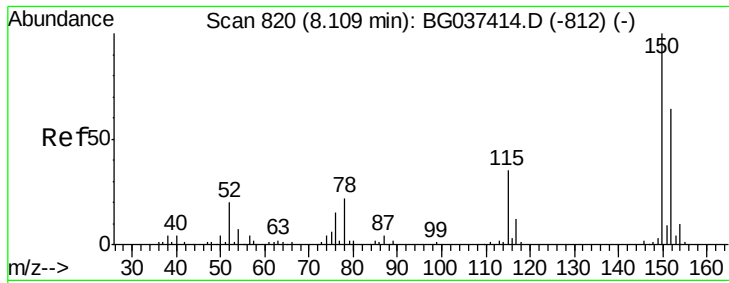
Instrument :
BNA_G
ClientSampled :
PB114524BS

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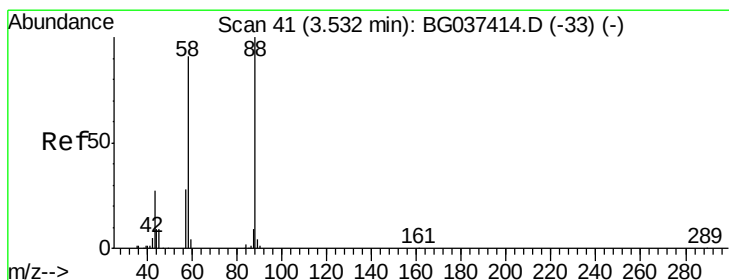
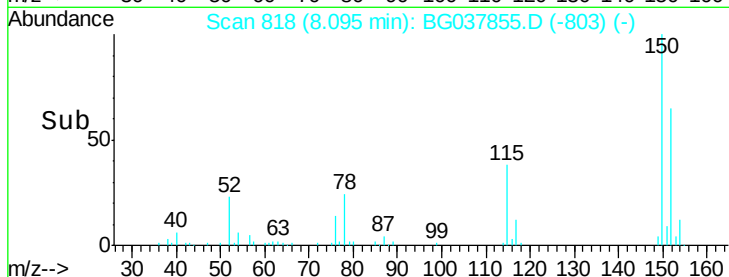
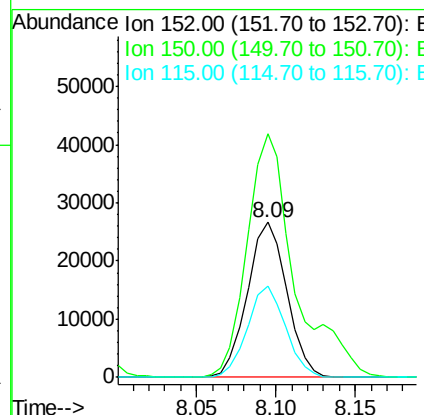
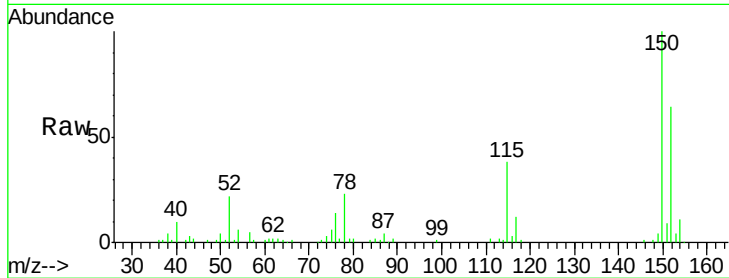
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :
 PB114524BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.0	189.0
115	59.1	45.5	68.3

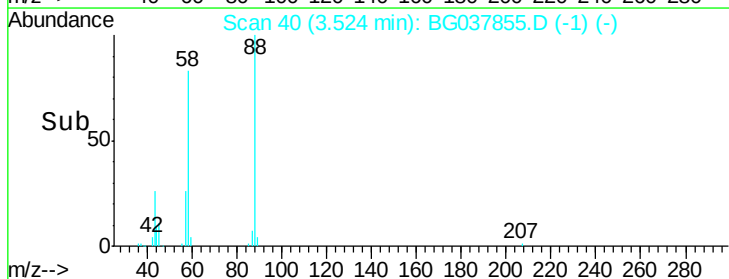
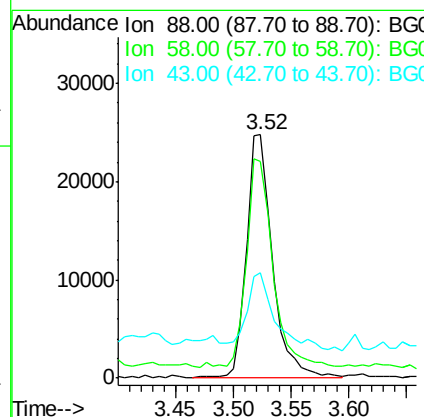
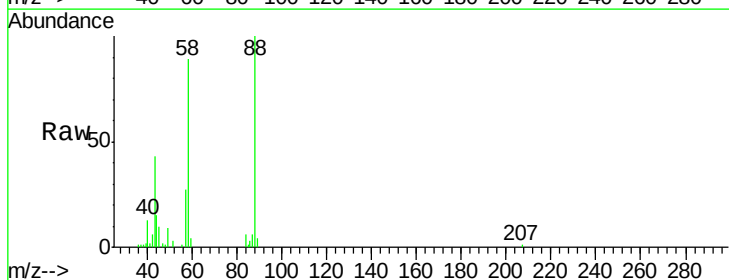
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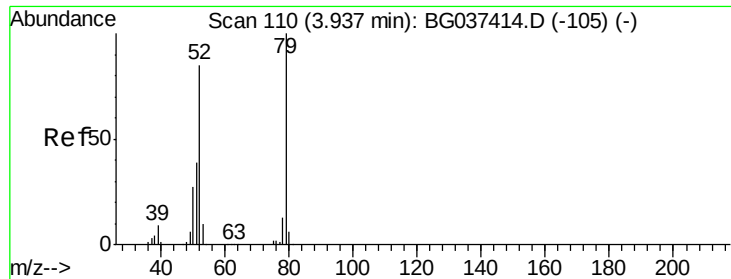
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#2
 1,4-Dioxane
 Concen: 28.046 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	74.4	111.6
43	32.9	25.8	38.8





#3

Pyridine

Concen: 31.342 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037855.D

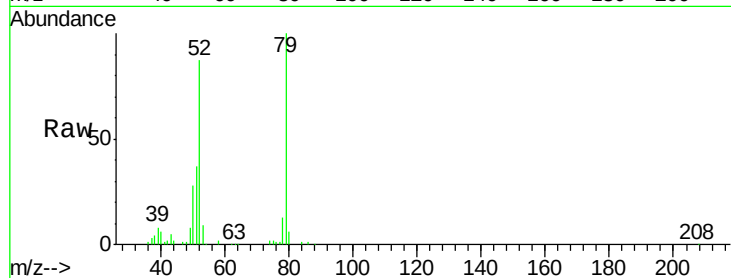
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Instrument :

BNA_G

ClientSampleId :

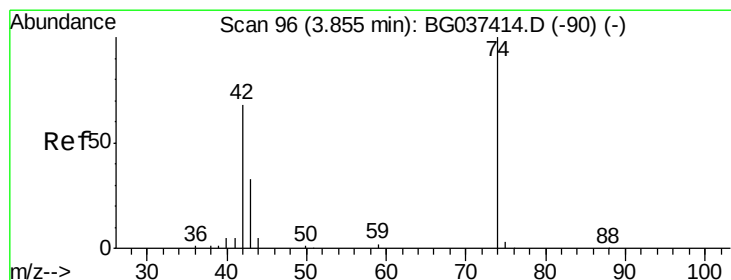
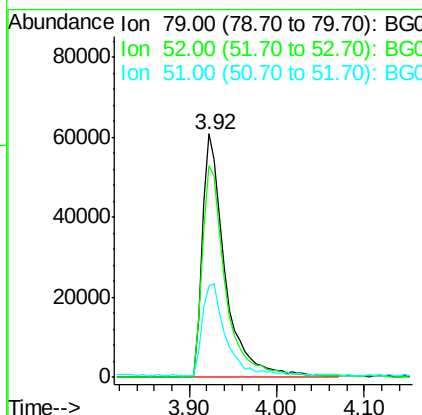
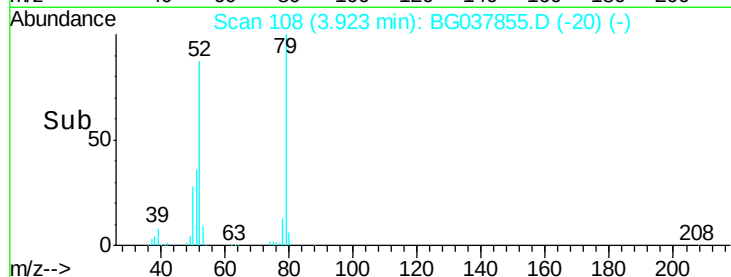
PB114524BS



Tgt Ion:	79	Resp:	110399
Ion Ratio	Lower	Upper	
79	100		
52	86.8	74.2	111.2
51	37.5	34.6	51.8

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#4

n-Nitrosodimethylamine

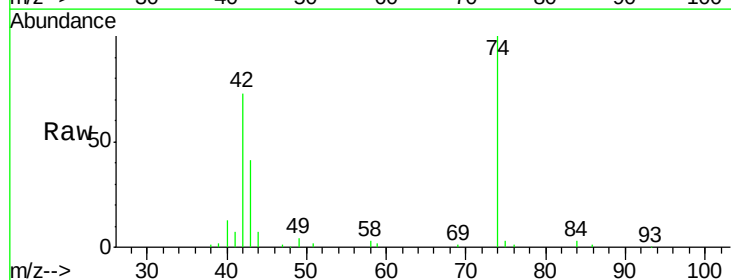
Concen: 40.897 ng

RT: 3.85 min Scan# 95

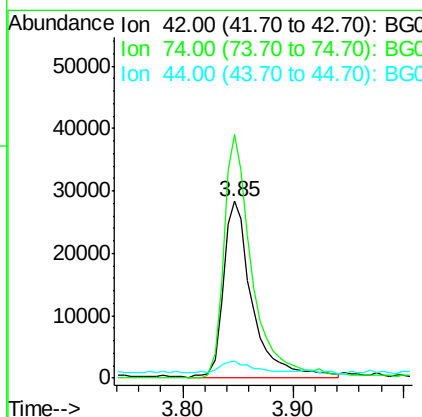
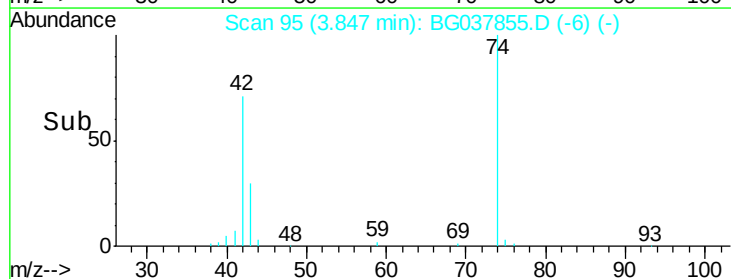
Delta R.T. -0.01 min

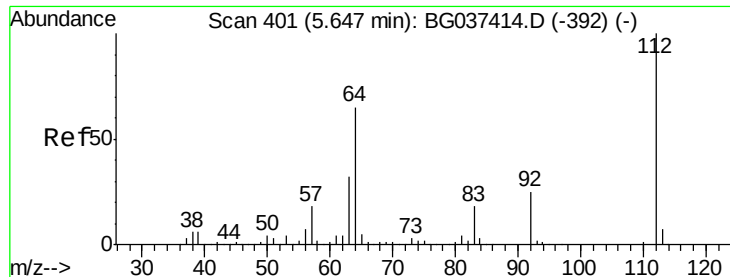
Lab File: BG037855.D

Acq: 7 Nov 2018 1:53



Tgt Ion:	42	Resp:	51311
Ion Ratio	Lower	Upper	
42	100		
74	137.9	102.0	153.0
44	9.8	9.6	14.4





#5

2-Fluorophenol

Concen: 119.707 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

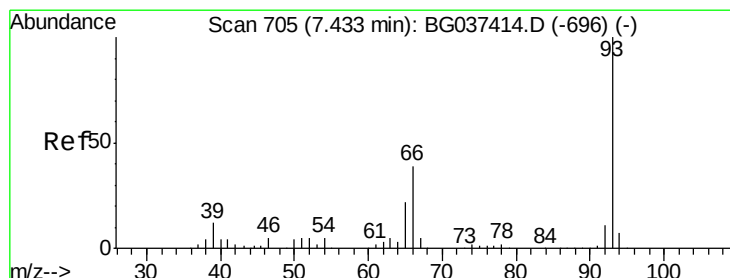
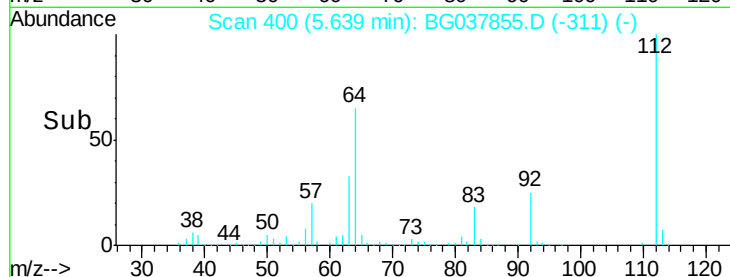
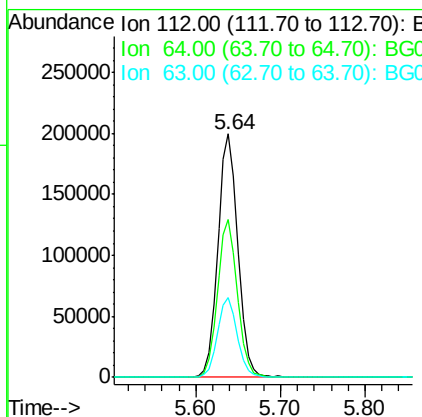
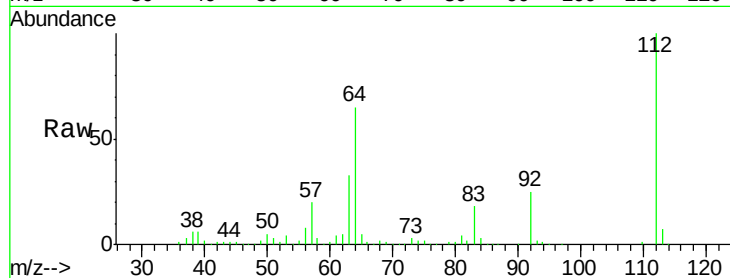
ClientSampled :

PB114524BS

Tgt Ion:	112	Resp:	329890
Ion Ratio	Lower	Upper	
112	100		
64	64.9	53.1	79.7
63	32.9	27.3	40.9

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#6

Aniline

Concen: 10.607 ng

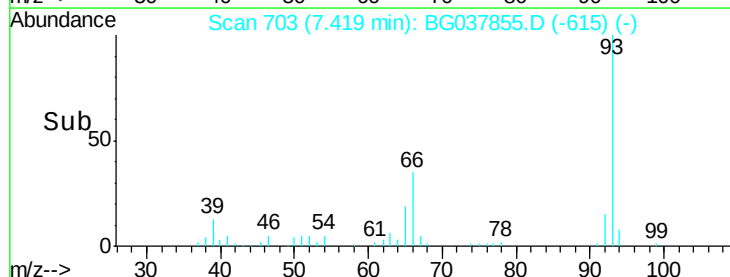
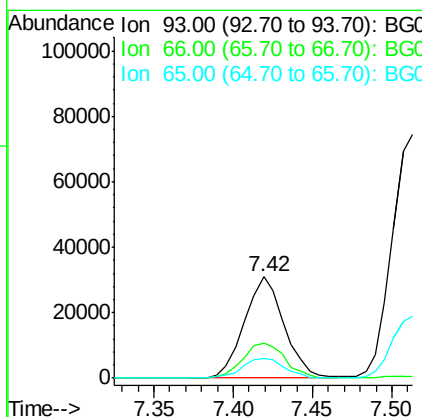
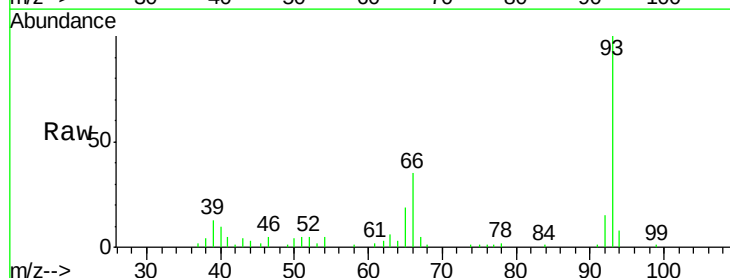
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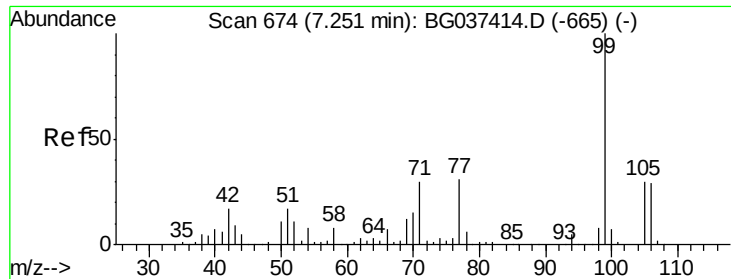
Delta R.T. -0.01 min

Lab File: BG037855.D

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Tgt Ion:	93	Resp:	53924
Ion Ratio	Lower	Upper	
93	100		
66	34.7	32.8	49.2
65	19.3	16.4	24.6





#7

Phenol-d6

Concen: 113.665 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

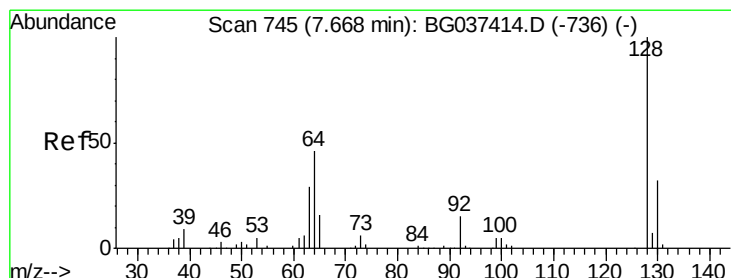
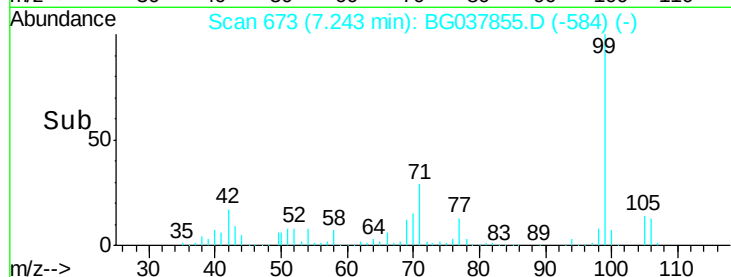
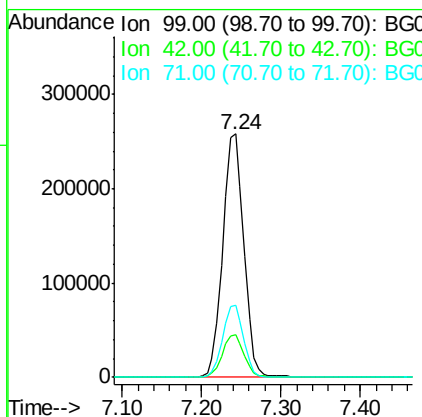
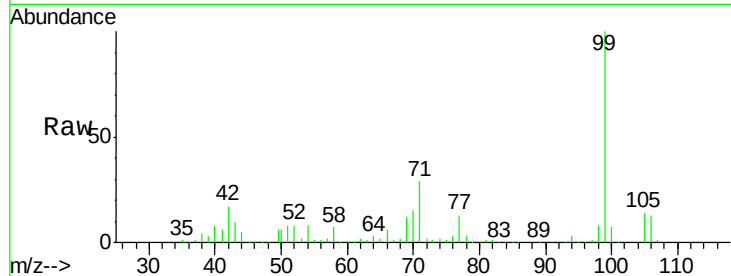
ClientSampleId :

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Tgt Ion:	99	Resp:	473655
Ion Ratio	Lower	Upper	
99	100		
42	17.5	15.0	22.4
71	29.4	25.5	38.3

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#8

2-Chlorophenol

Concen: 42.011 ng

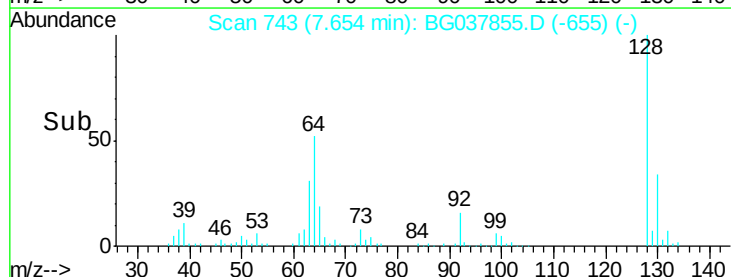
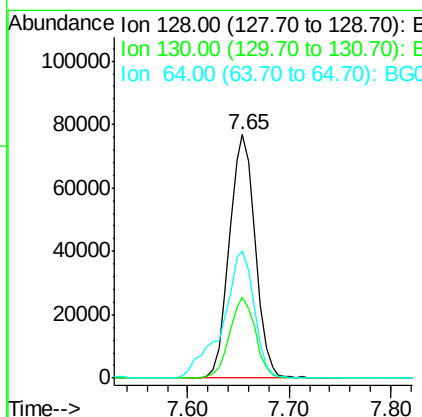
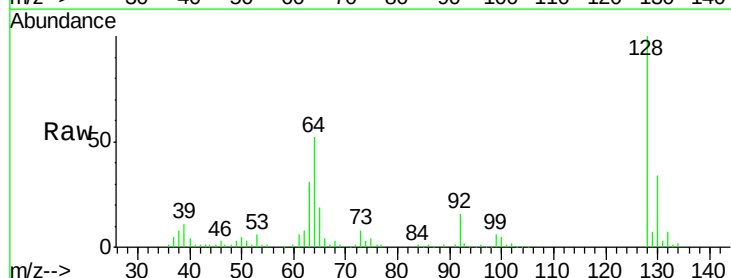
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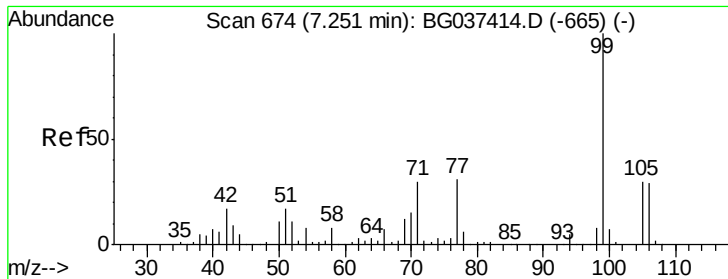
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:	128	Resp:	135439
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.0	52.0
64	52.2	32.9	72.9





#9

Benzaldehyde

Concen: 30.879 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

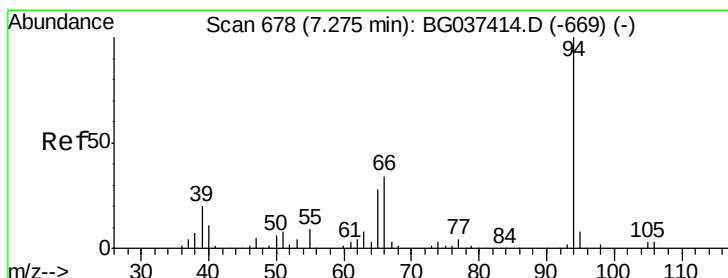
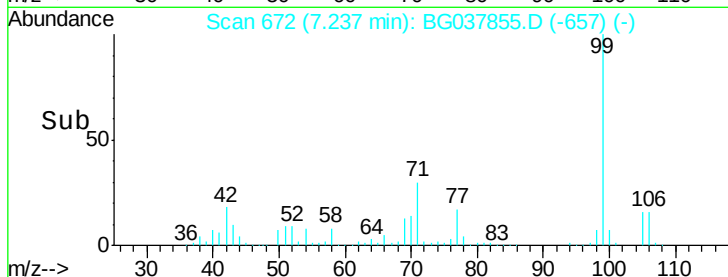
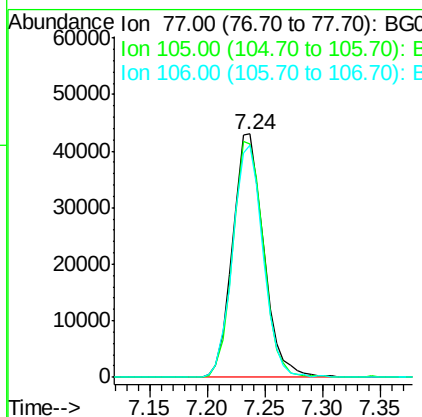
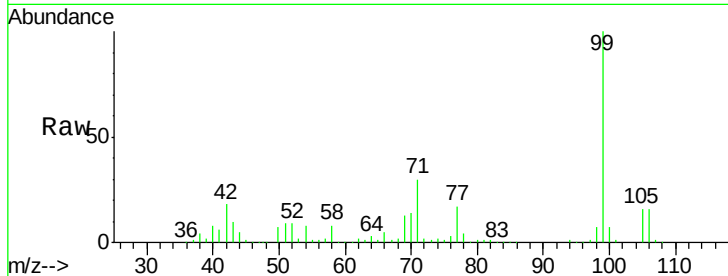
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.1	72.6	112.6
106	95.4	71.3	111.3

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#10

Phenol

Concen: 40.719 ng

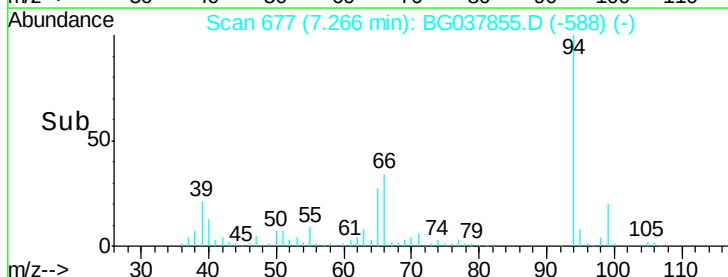
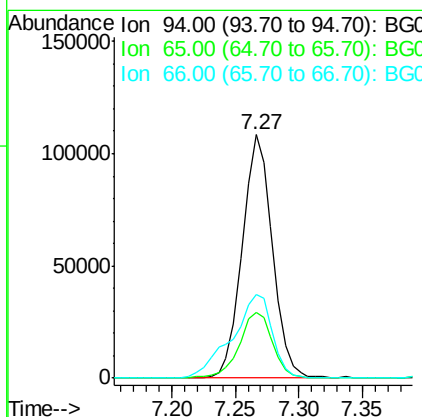
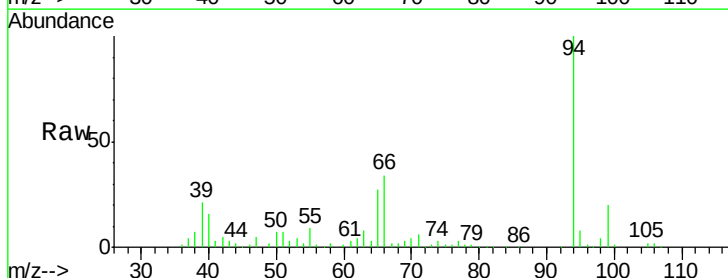
RT: 7.27 min Scan# 677

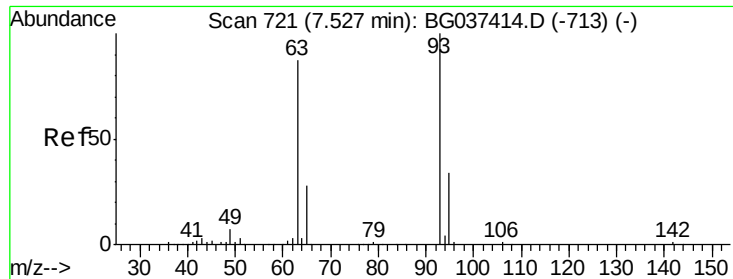
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.7	49.7
66	34.3	15.9	55.9





#11

bis(2-Chloroethyl)ether

Concen: 37.867 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

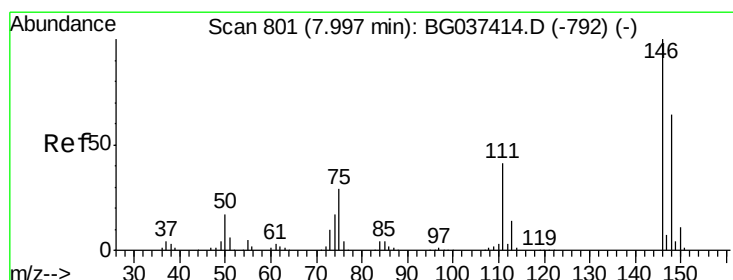
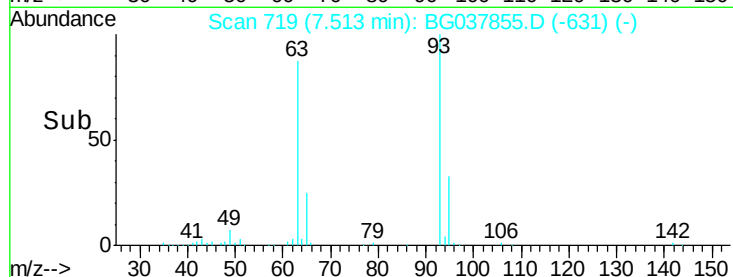
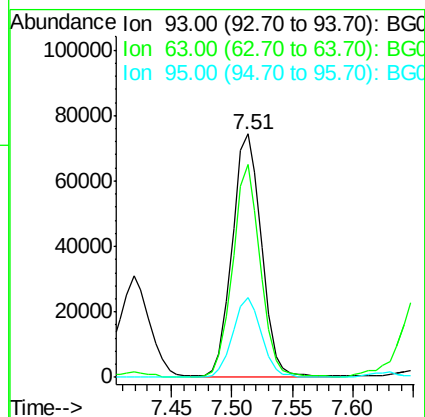
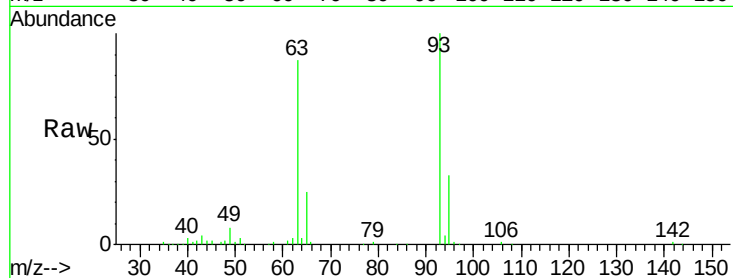
ClientSampled :

PB114524BS

Tgt Ion:	93	Resp:	126452
Ion Ratio	Lower	Upper	
93	100		
63	87.2	69.5	109.5
95	32.6	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 37.899 ng

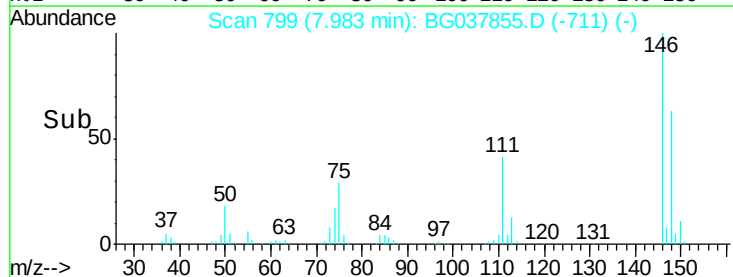
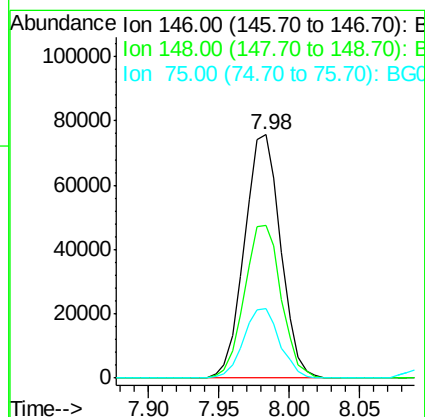
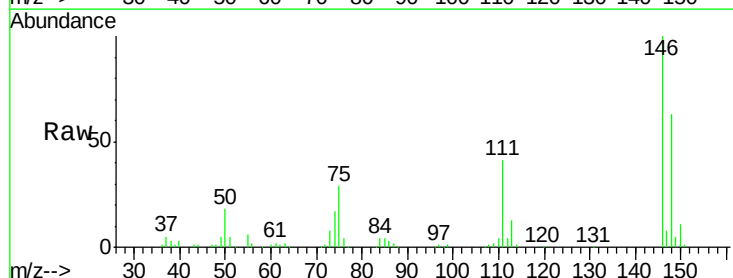
RT: 7.98 min Scan# 799

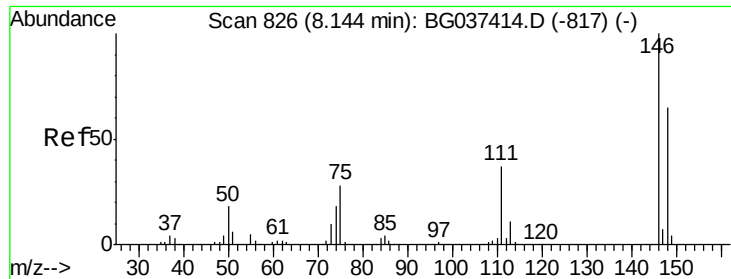
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:	146	Resp:	136021
Ion Ratio	Lower	Upper	
146	100		
148	62.7	49.8	74.8
75	28.7	23.2	34.8





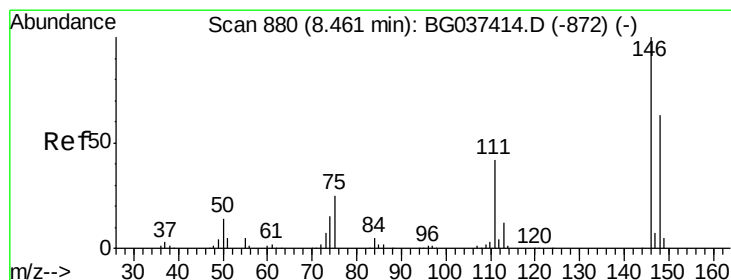
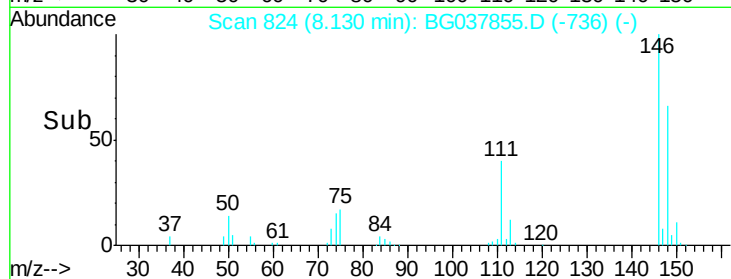
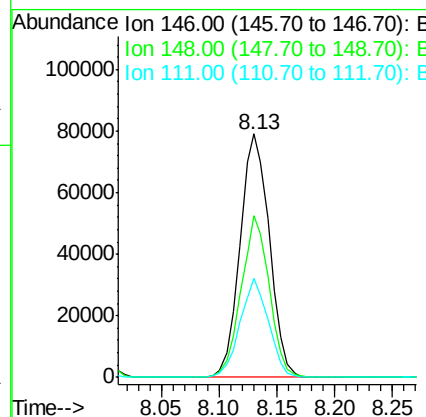
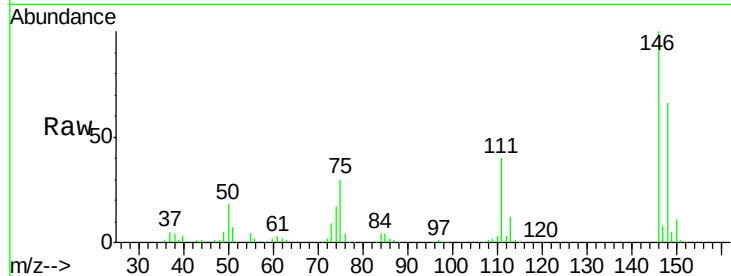
#13
 1,4-Dichlorobenzene
 Concen: 37.786 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :
 PB114524BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.0	76.6
111	40.5	32.4	48.6

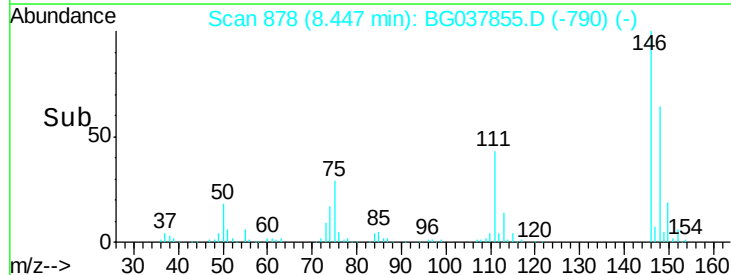
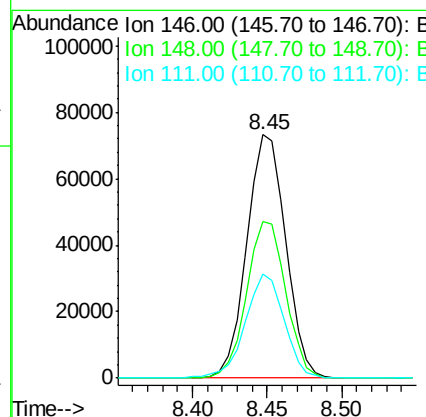
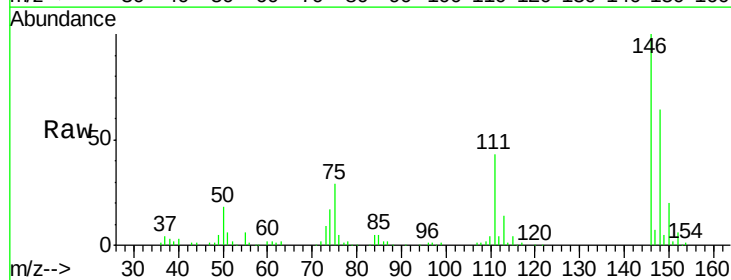
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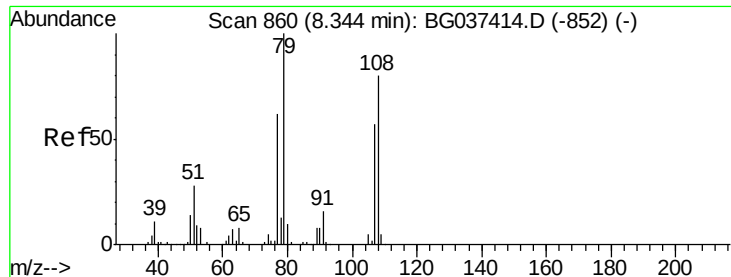
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#14
 1,2-Dichlorobenzene
 Concen: 37.336 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.828 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

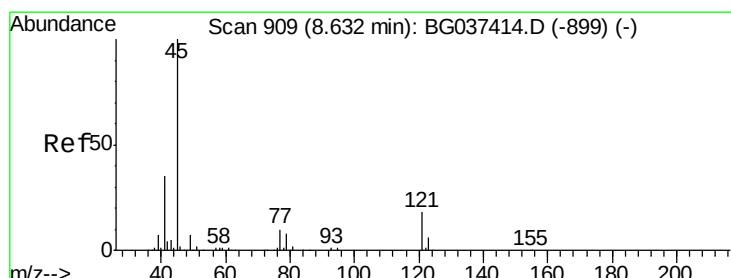
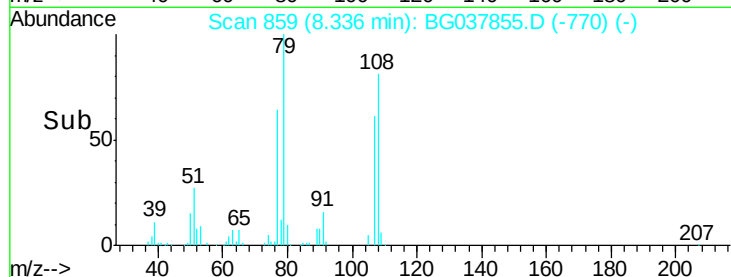
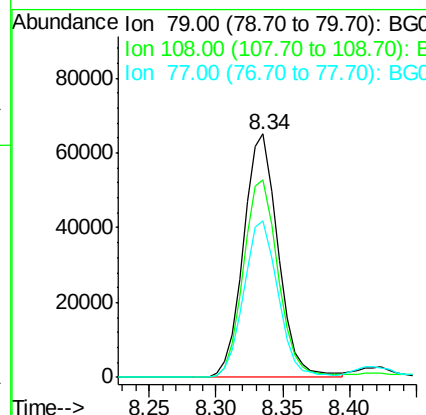
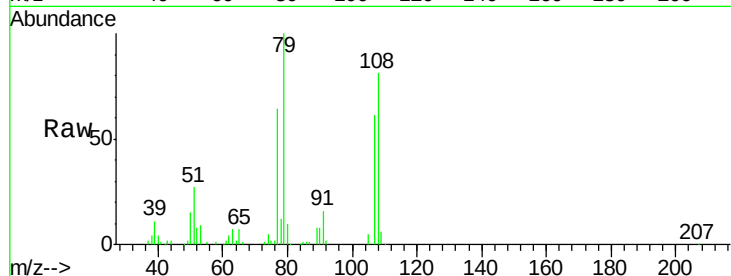
ClientSampleId :

PB114524BS

Tgt Ion:	79	Resp:	116476
Ion Ratio	Lower	Upper	
79	100		
108	81.2	65.8	98.8
77	64.4	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.130 ng

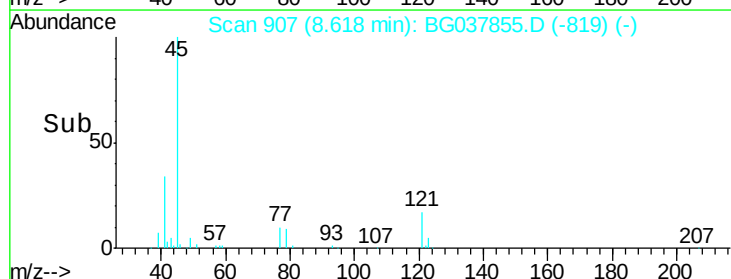
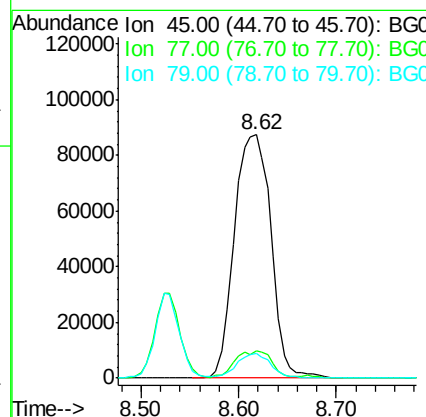
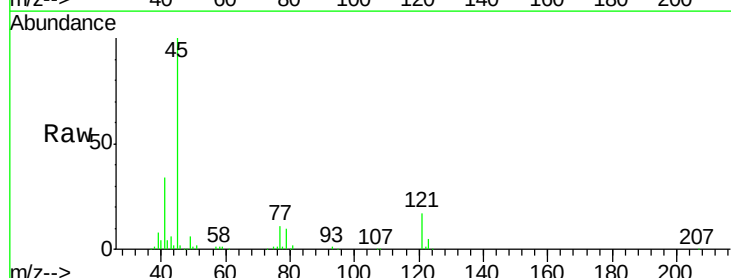
RT: 8.62 min Scan# 907

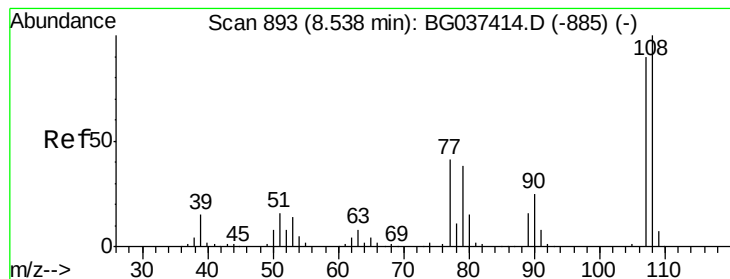
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

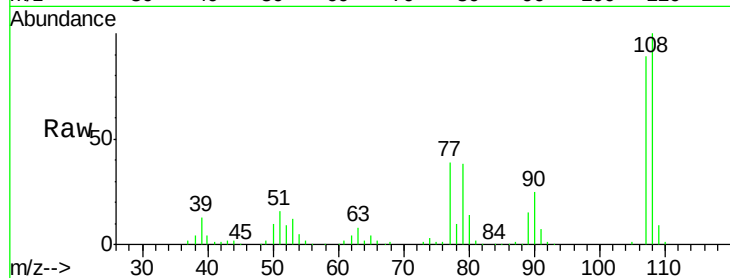
Tgt Ion:	45	Resp:	227829
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	9.9	0.0	29.0





#17
2-Methylphenol
Concen: 41.224 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

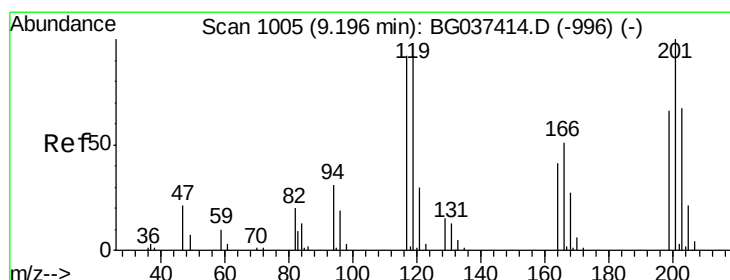
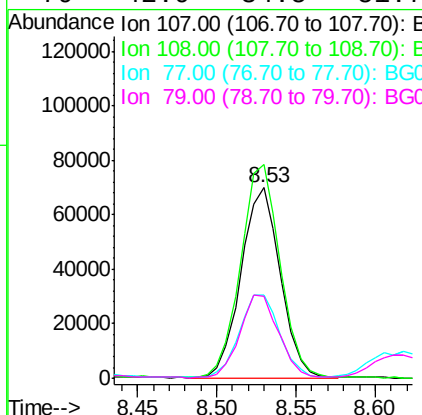
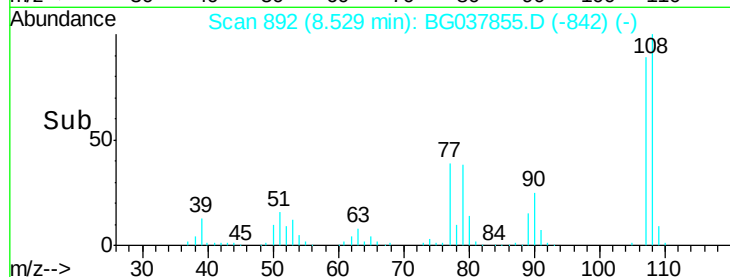
Instrument :
BNA_G
ClientSampleId :
PB114524BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	119828		
108	108.00	112.3	87.9	131.9	
77	77.00	43.6	35.1	52.7	
79	79.00	42.9	34.5	51.7	

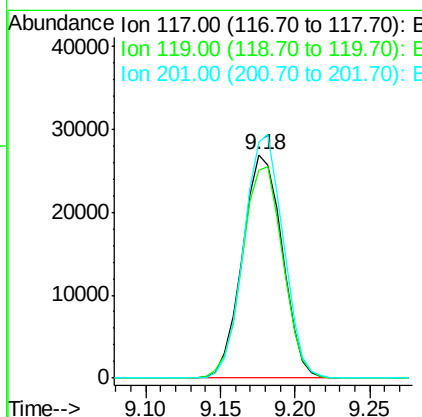
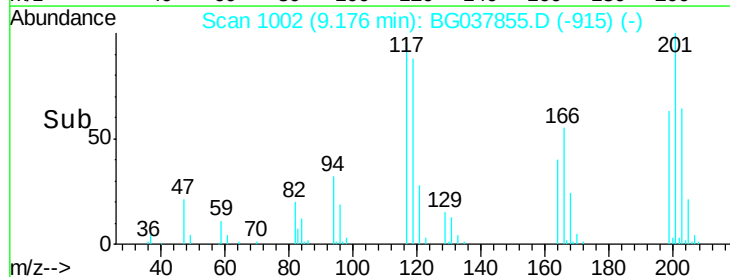
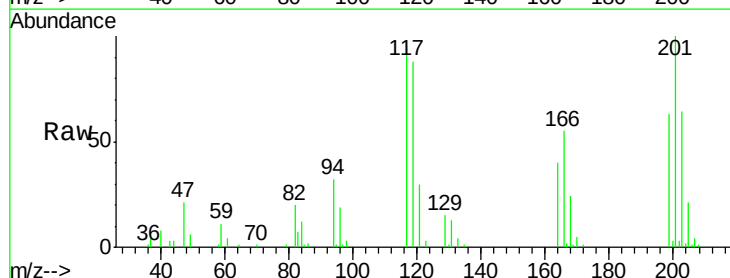
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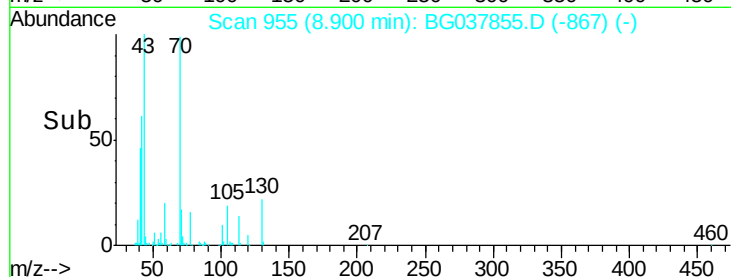
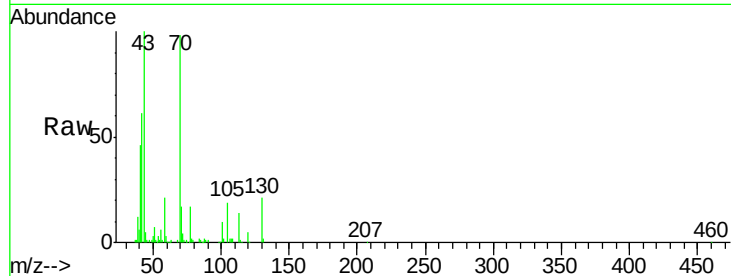
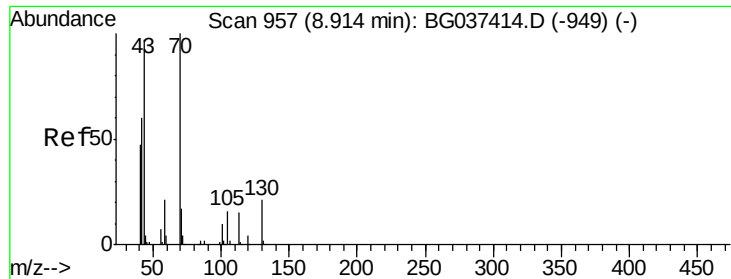
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#18
Hexachloroethane
Concen: 39.811 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	49828		
119	119.00	93.3	74.6	111.8	
201	201.00	108.5	80.8	121.2	





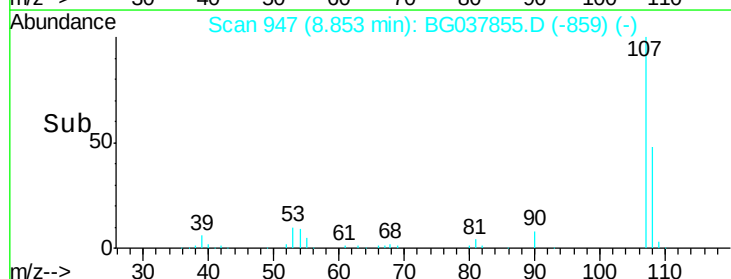
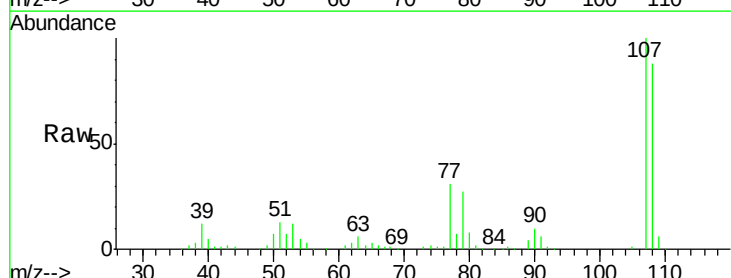
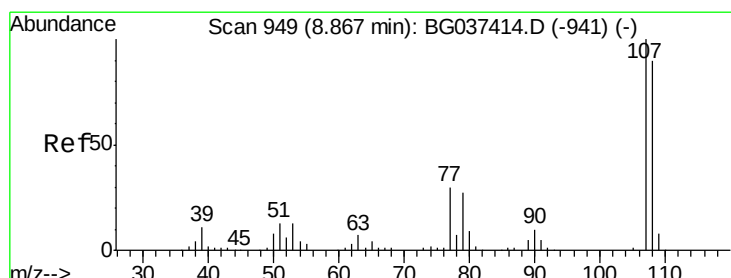
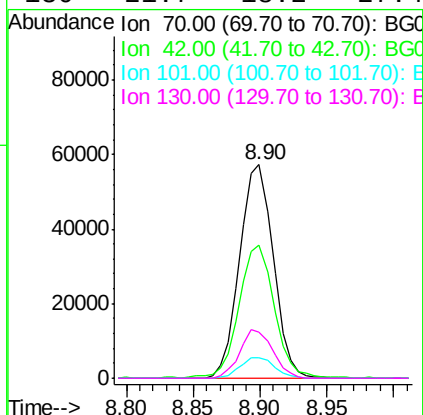
#19
n-Nitroso-di-n-propylamine
Concen: 34.869 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.0	53.9	80.9	
101	9.7	8.2	12.2	
130	21.7	18.2	27.4	

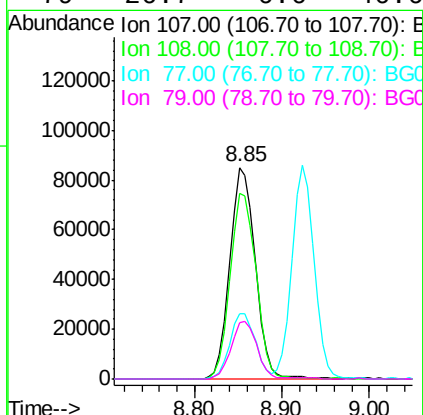
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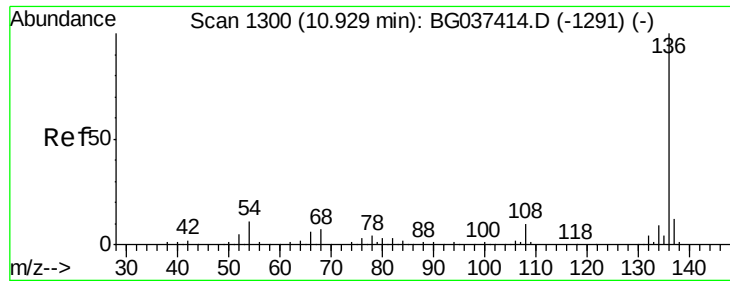
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#20
3+4-Methylphenols
Concen: 40.531 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	69.9	109.9	
77	31.0	11.2	51.2	
79	26.7	6.6	46.6	





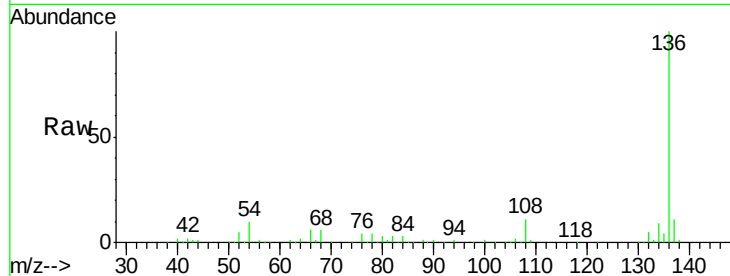
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

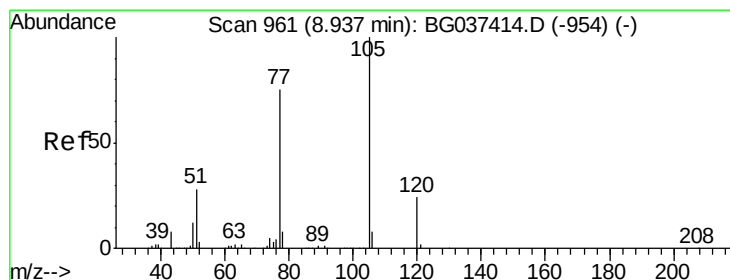
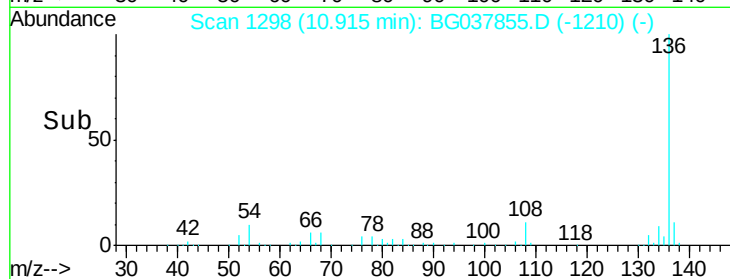
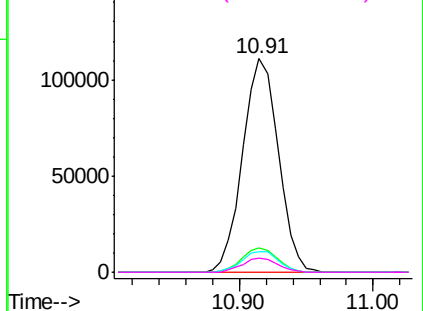
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	205102		
137	11.2	9.6	14.4	
54	9.8	7.9	11.9	
68	6.5	4.8	7.2	

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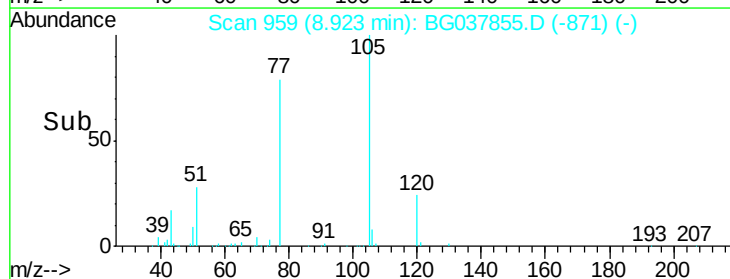
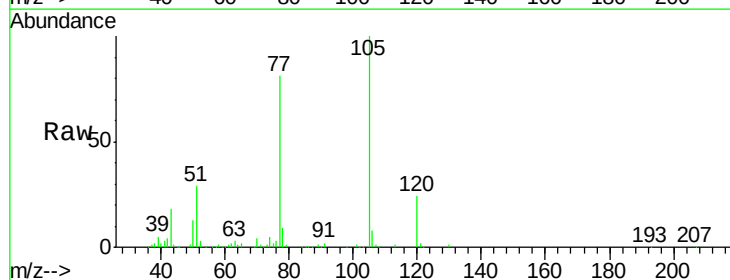
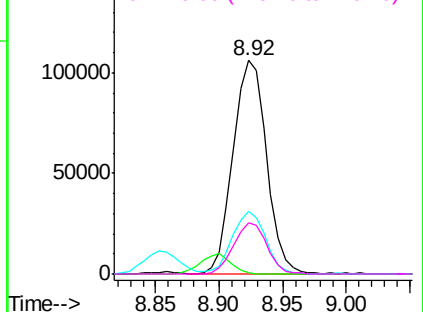
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

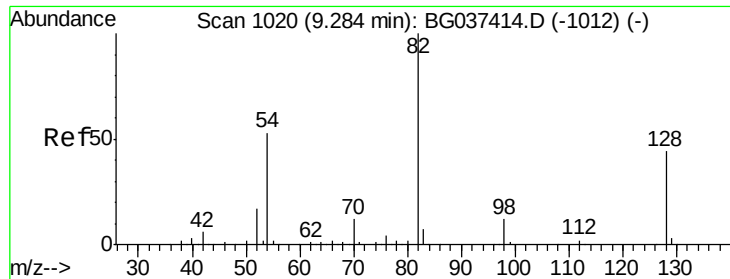


#22
Acetophenone
Concen: 37.529 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193045		
71	0.5	1.2	1.8#	
51	29.3	25.0	37.6	
120	24.1	18.6	28.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





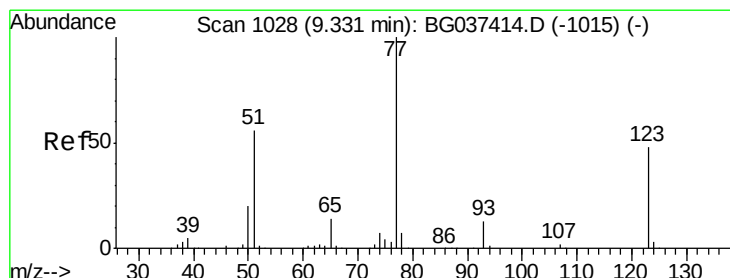
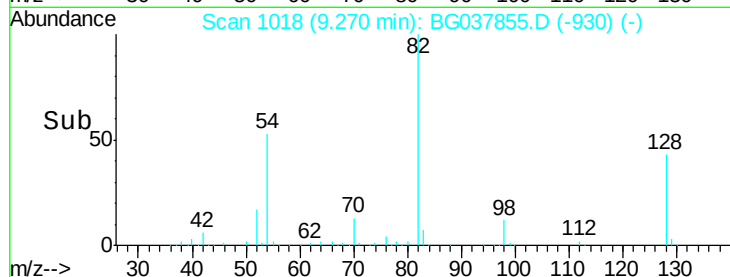
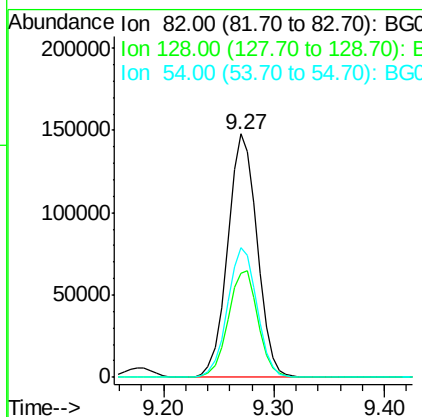
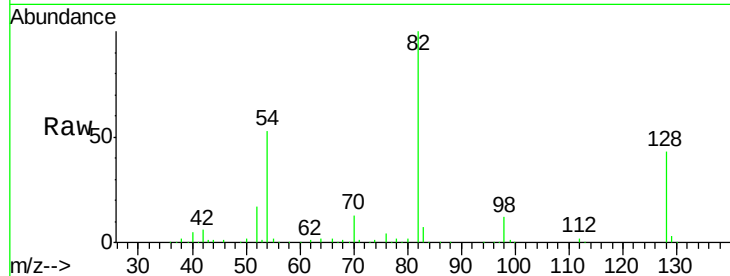
#23
Nitrobenzene-d5
Concen: 75.507 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	276454		
128	42.8	34.6	51.8	
54	53.0	45.3	67.9	

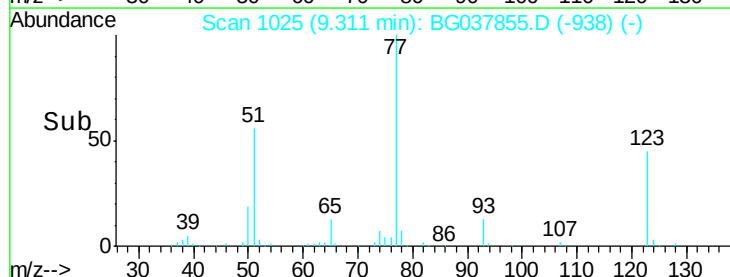
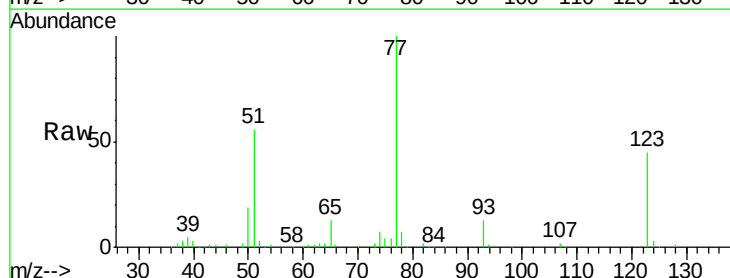
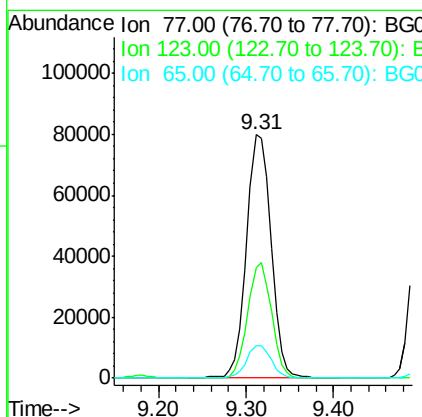
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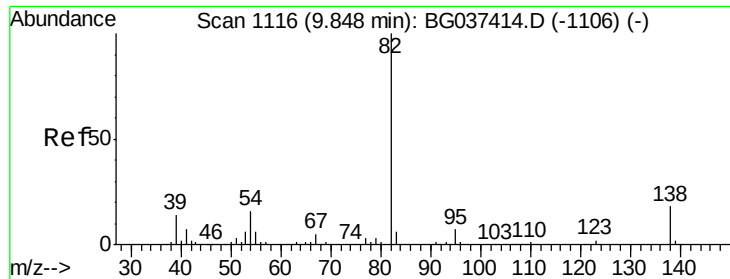
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#24
Nitrobenzene
Concen: 40.011 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152184		
123	45.3	33.6	50.4	
65	13.2	11.3	16.9	





#25

Isophorone

Concen: 42.716 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

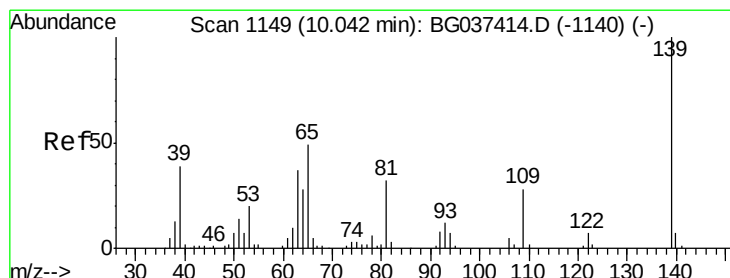
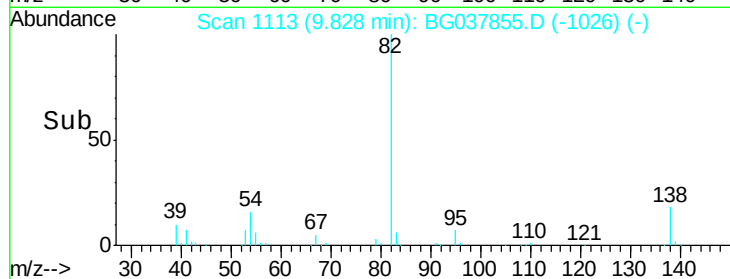
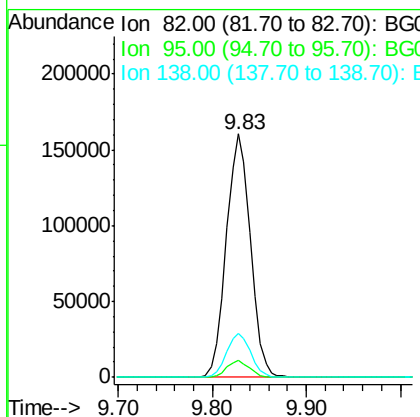
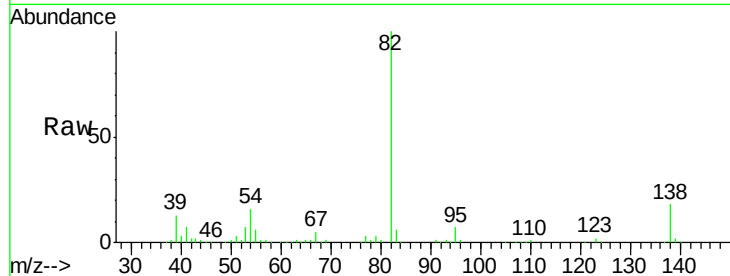
ClientSampleId :

PB114524BS

Tgt Ion:	82	Resp:	285763
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	18.1	13.3	19.9

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#26

2-Nitrophenol

Concen: 43.348 ng

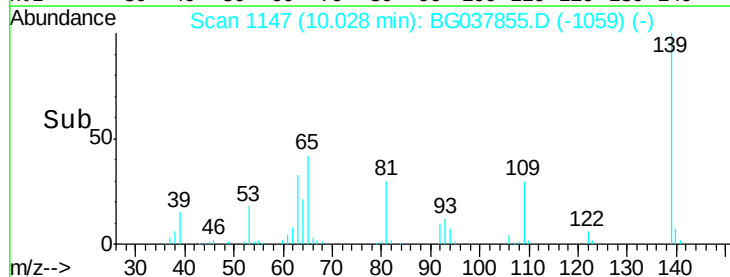
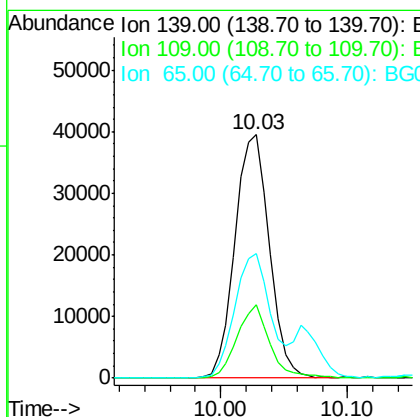
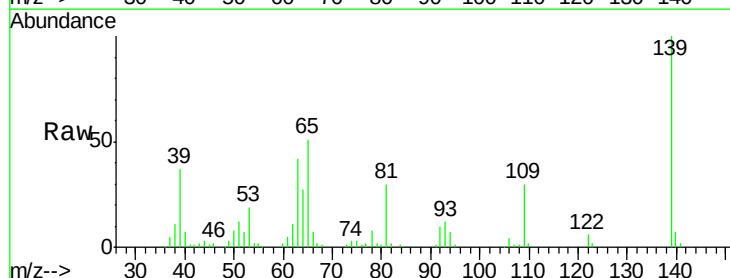
RT: 10.03 min Scan# 1147

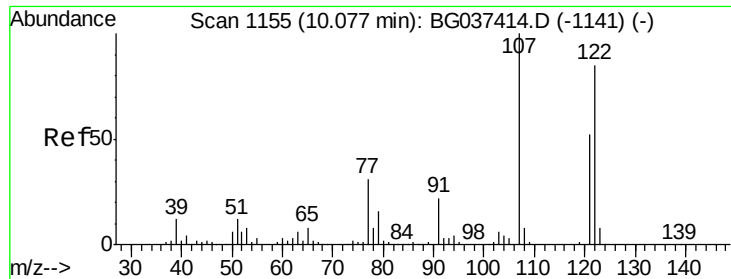
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:	139	Resp:	74275
Ion Ratio		Lower	Upper
139	100		
109	30.3	23.3	34.9
65	50.9	39.8	59.8





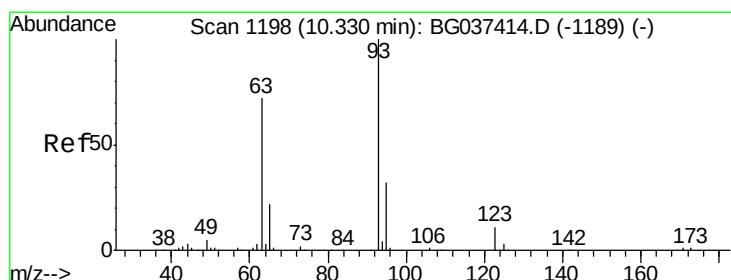
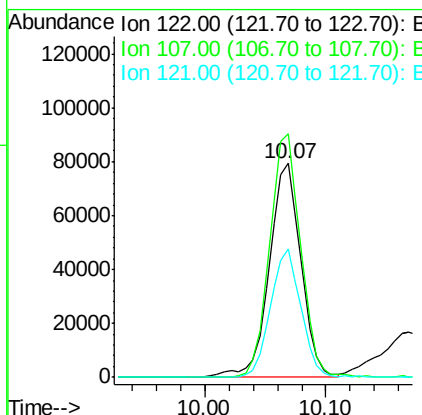
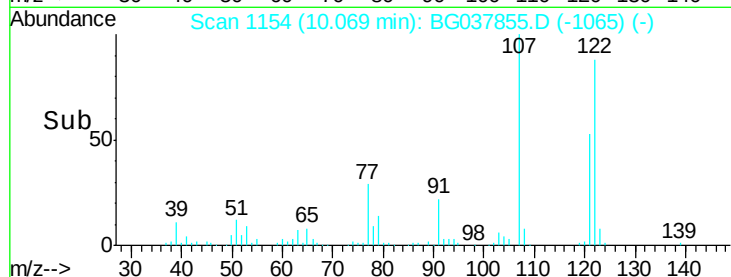
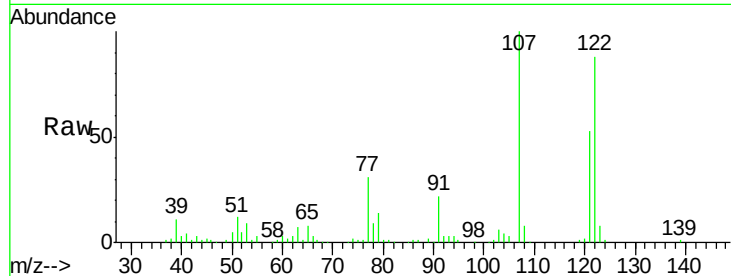
#27
 2,4-Dimethylphenol
 Concen: 47.361 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	144893		
107	113.8	94.2	141.2	
121	60.1	47.3	70.9	

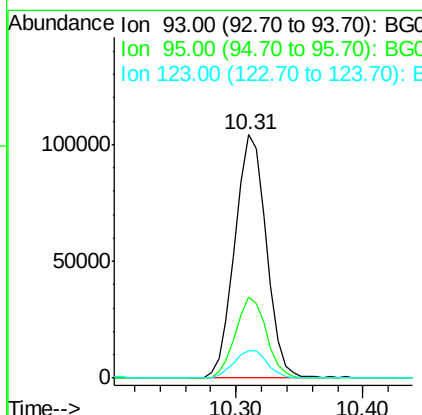
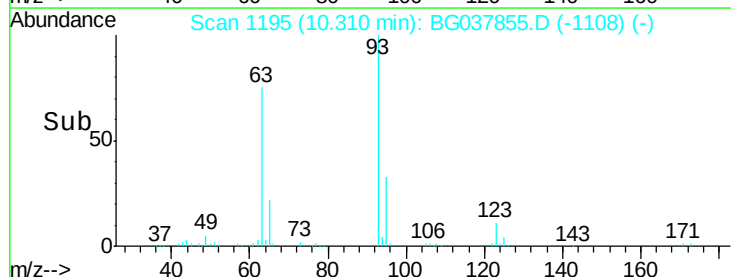
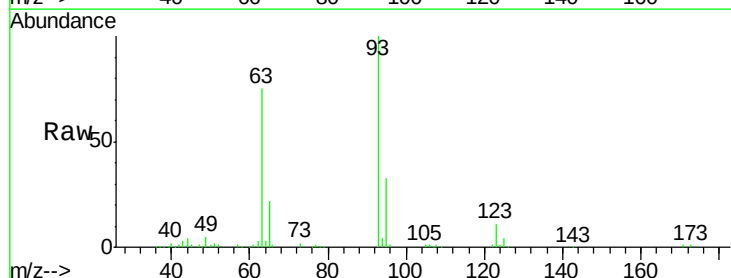
Manual Integrations
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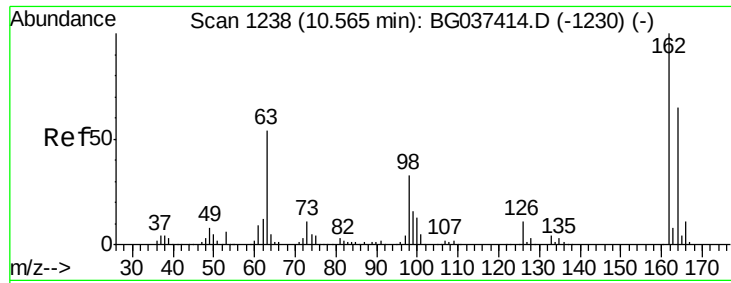
Sohil
 11/7/2018 4:07:56 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.956 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179513		
95	33.3	24.6	37.0	
123	11.4	9.1	13.7	





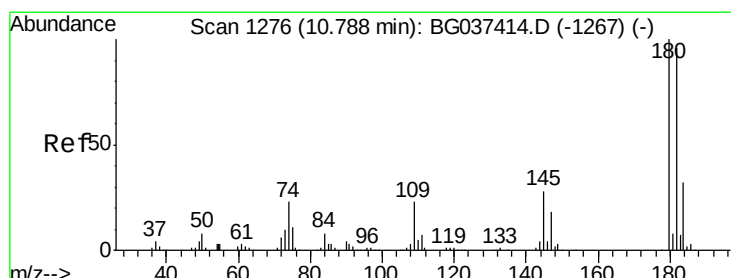
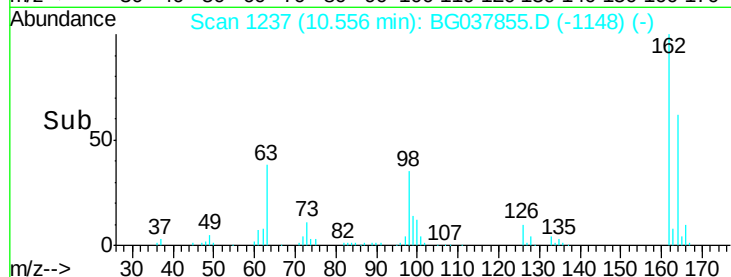
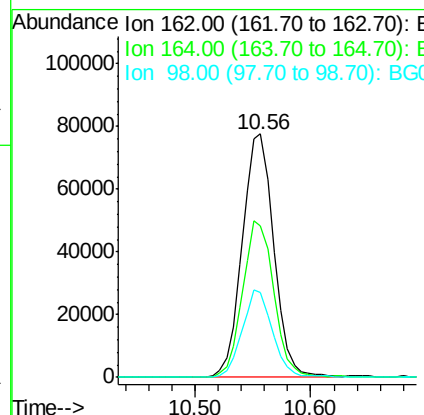
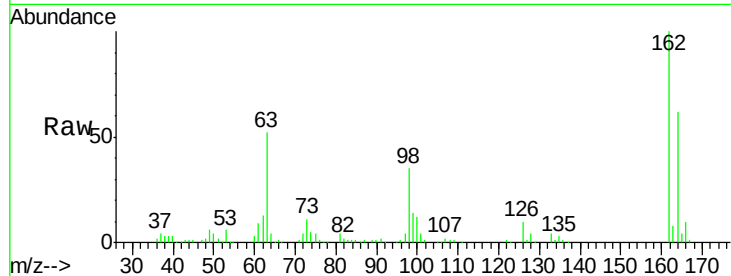
#29
 2,4-Dichlorophenol
 Concen: 43.247 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :
 PB114524BS

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	62.0	43.2	83.2
98	34.6	16.0	56.0

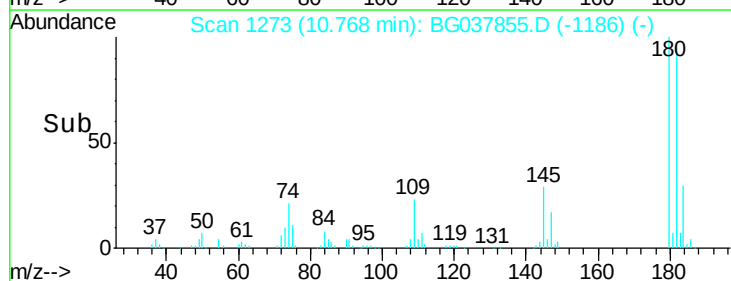
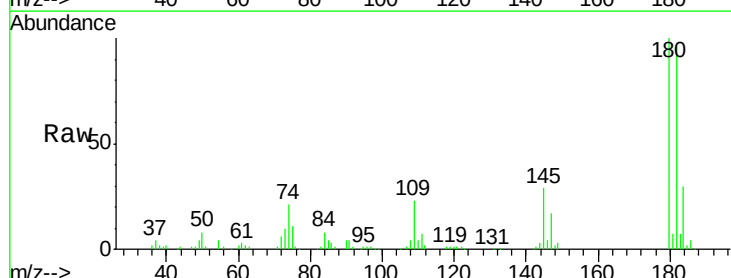
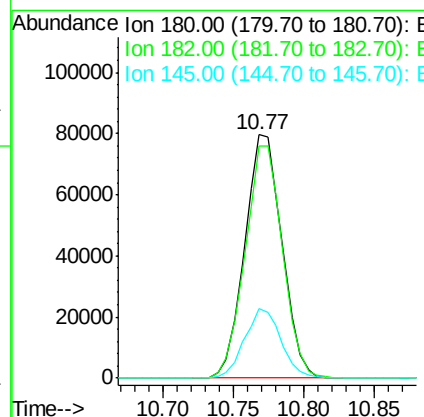
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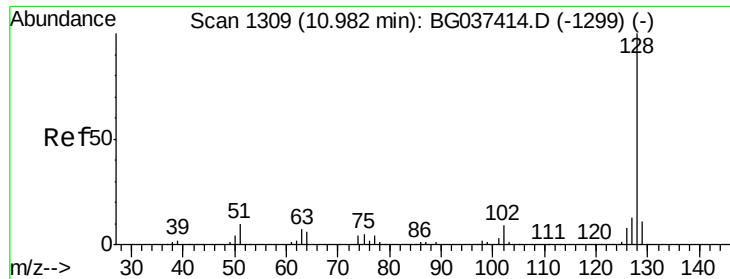
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.665 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	77.7	116.5
145	28.7	23.3	34.9





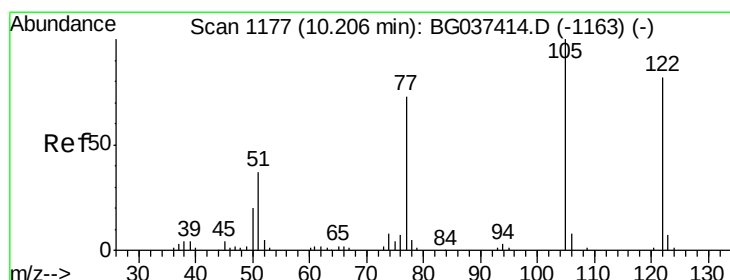
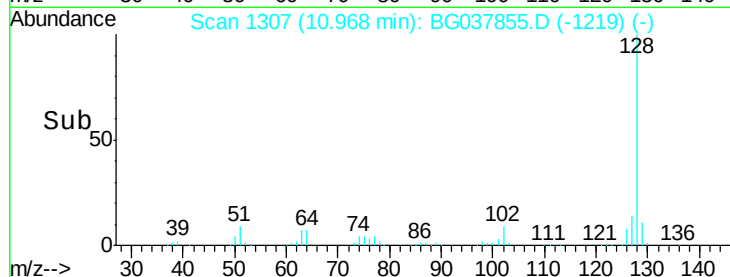
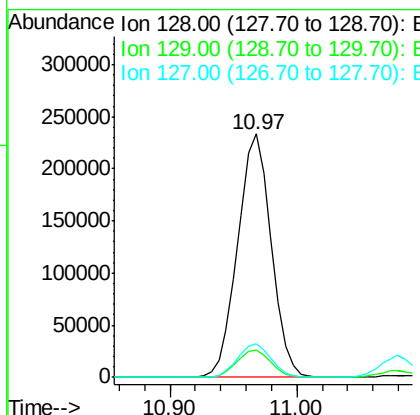
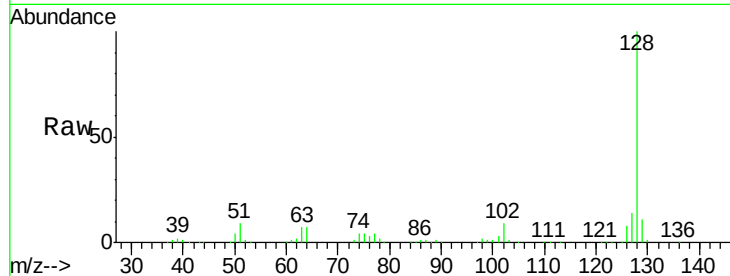
#31
Naphthalene
Concen: 42.581 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	428965		
129	11.2	9.0	13.6	
127	13.7	11.1	16.7	

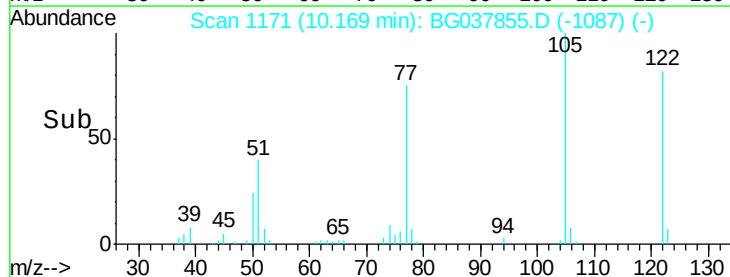
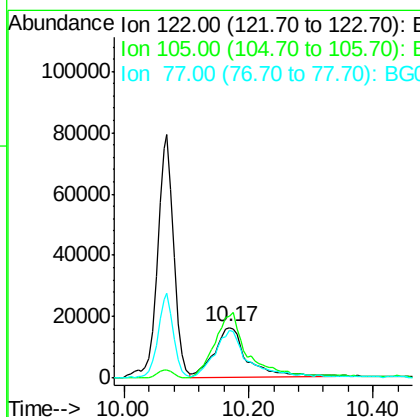
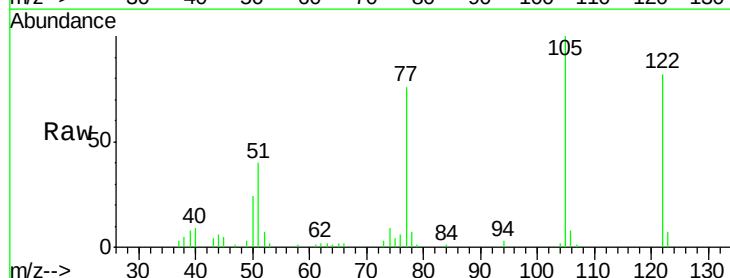
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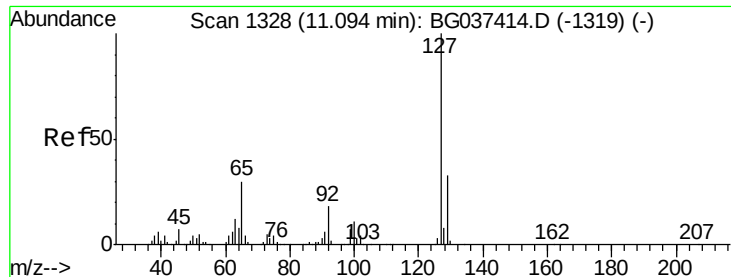
Sohil
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#32
Benzoic acid
Concen: 29.810 ng m
RT: 10.17 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	59234		
105	122.1	106.7	146.7	
77	92.9	72.2	112.2	





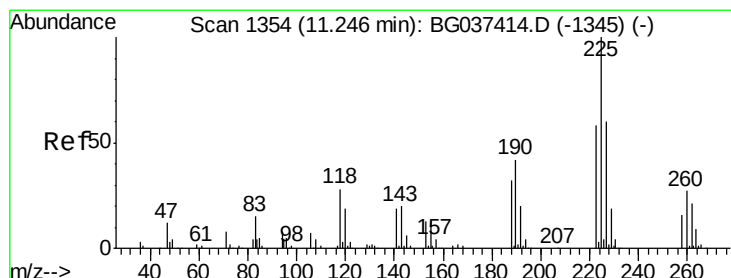
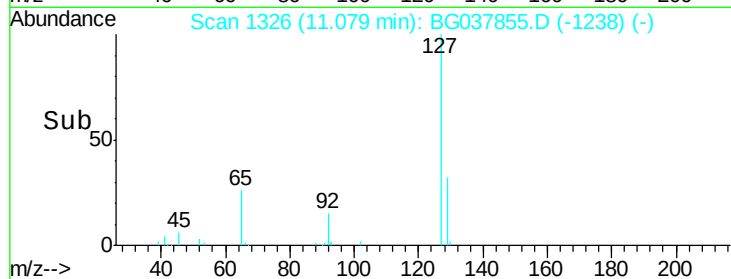
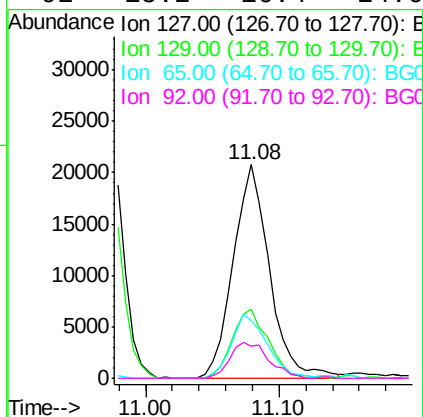
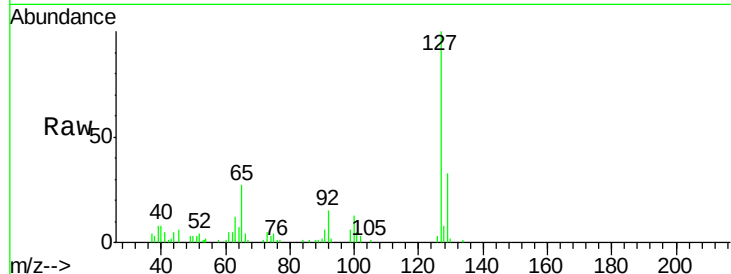
#33
4-Chloroaniline
Concen: 8.263 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	27.1	40.7
65	26.7	26.6	39.8
92	15.2	16.4	24.6

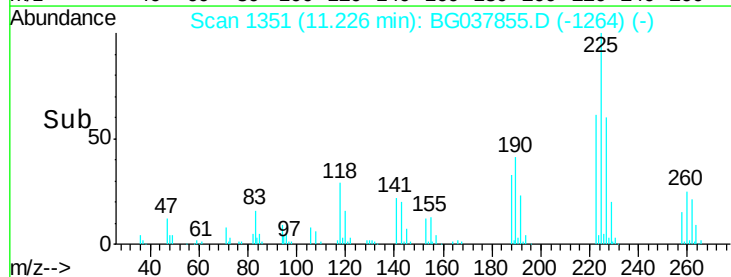
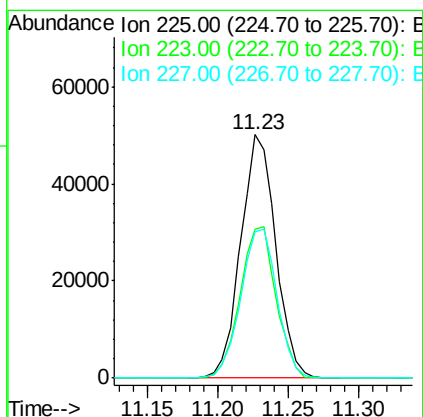
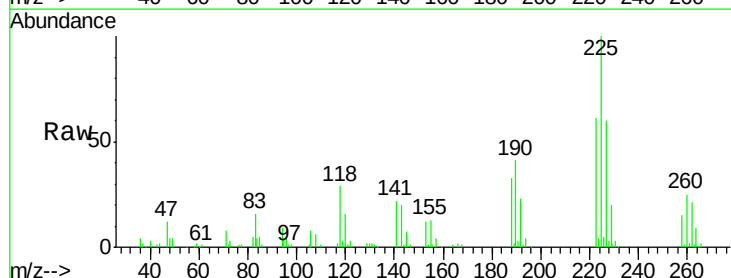
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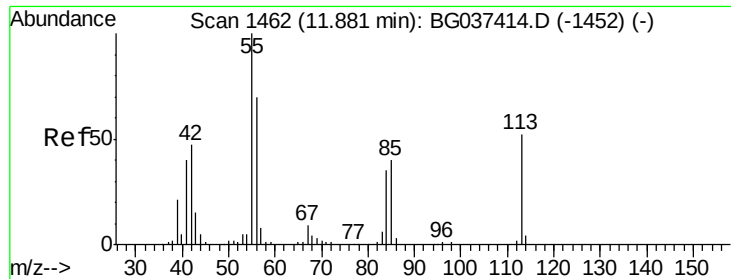
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#34
Hexachlorobutadiene
Concen: 39.643 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.6	48.2	72.4
227	60.1	51.6	77.4





#35

Caprolactam

Concen: 37.248 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

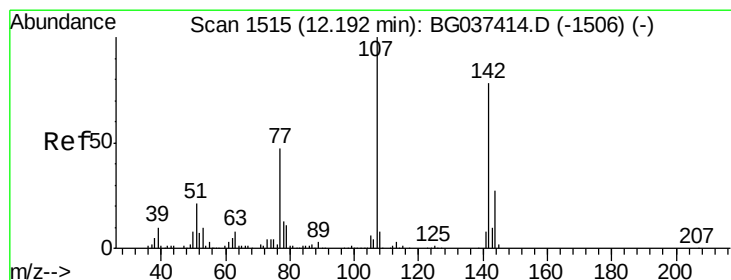
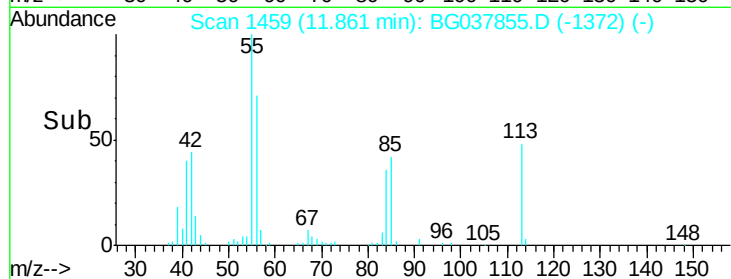
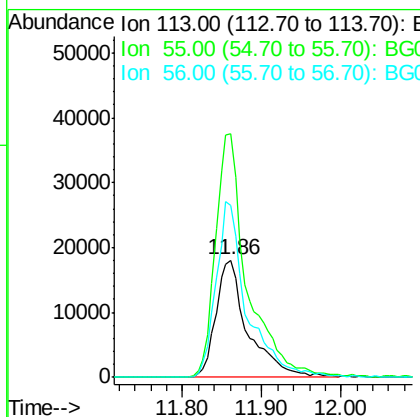
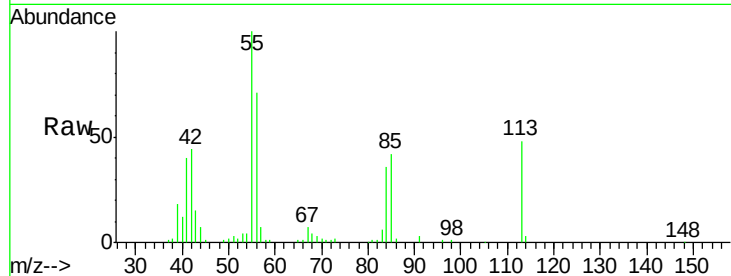
ClientSampled :

PB114524BS

Tgt Ion:	113	Resp:	50886
Ion	Ratio	Lower	Upper
113	100		
55	207.4	176.6	216.6
56	146.8	128.3	168.3

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.044 ng

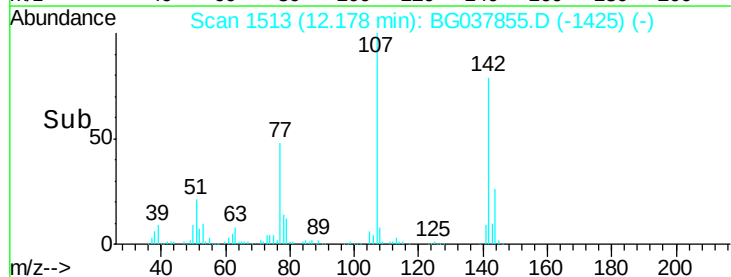
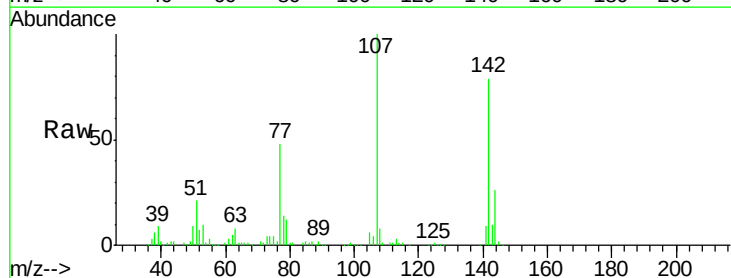
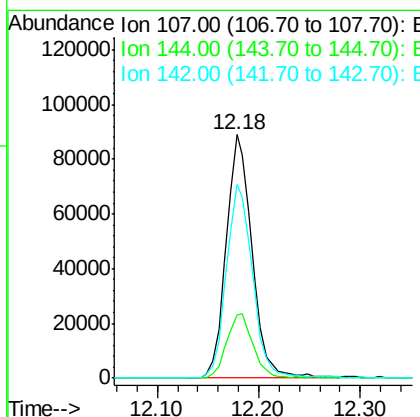
RT: 12.18 min Scan# 1513

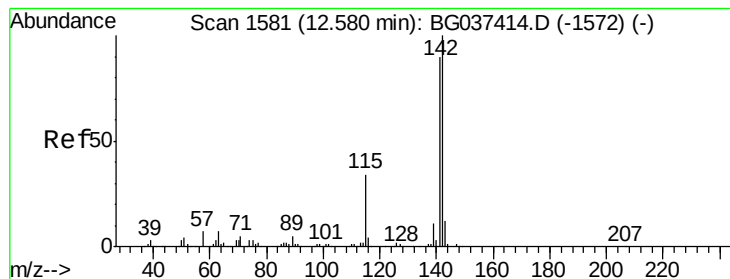
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:	107	Resp:	157673
Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.7	31.1
142	79.5	64.4	96.6





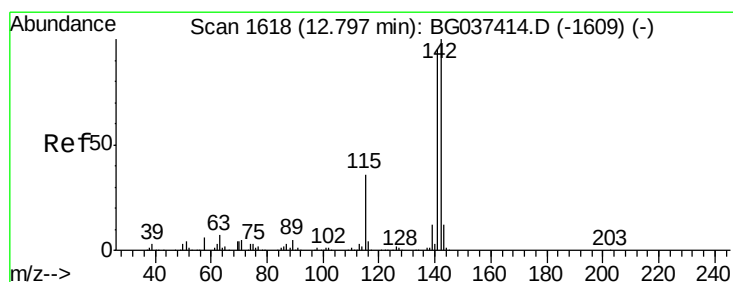
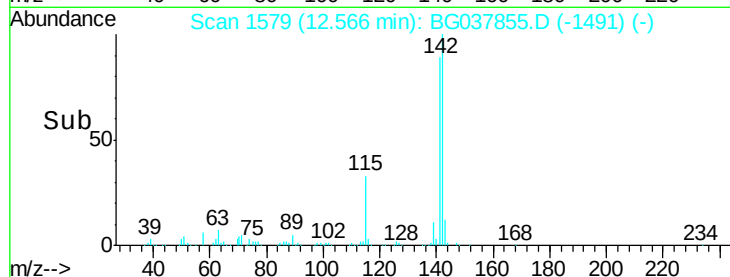
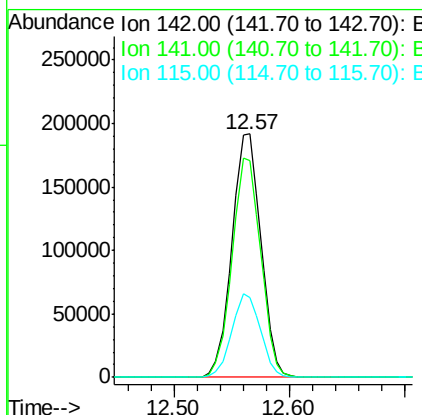
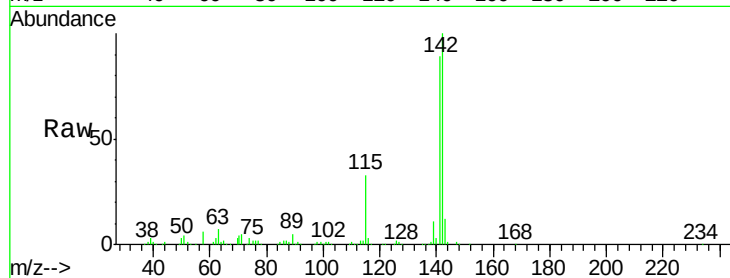
#37
 2-Methylnaphthalene
 Concen: 45.485 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleID :
 PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	334024		
141	89.1	71.9	107.9	
115	32.6	27.8	41.8	

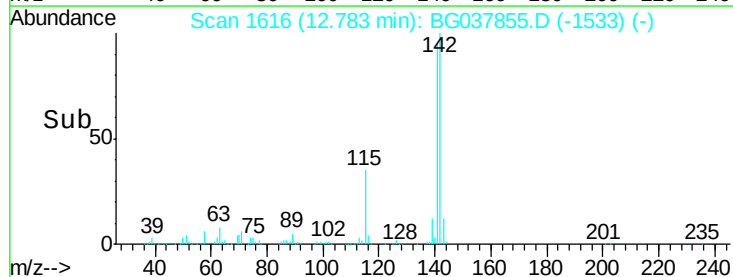
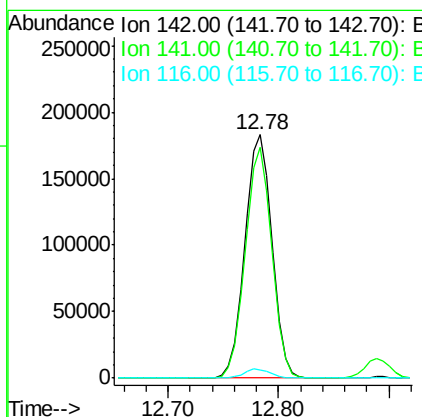
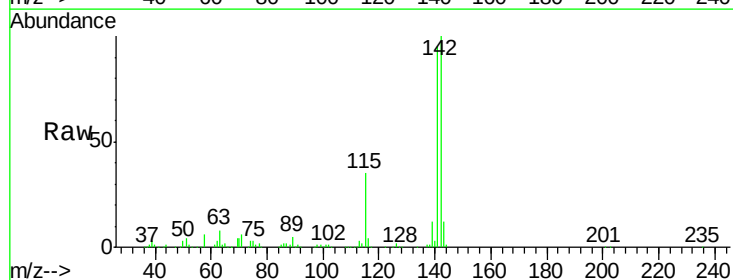
Manual Integrations
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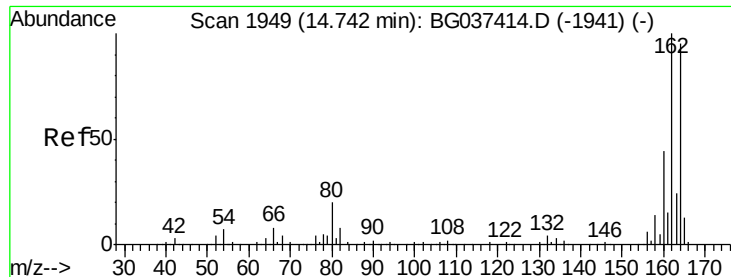
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#38
 1-Methylnaphthalene
 Concen: 44.162 ng
 RT: 12.78 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	314950		
141	94.7	75.2	112.8	
116	3.5	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037855.D

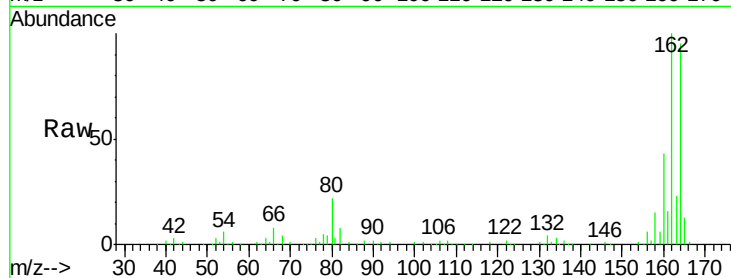
Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

ClientSampleId :

PB114524BS



Tgt Ion:164 Resp: 133980

Ion Ratio Lower Upper

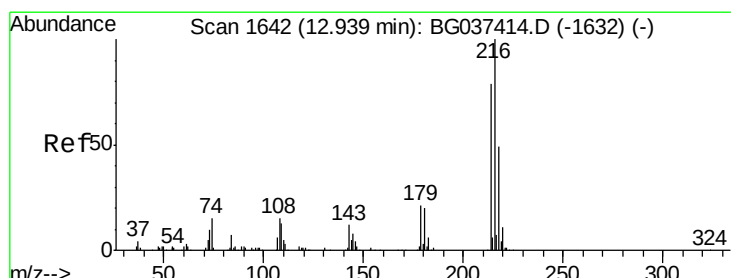
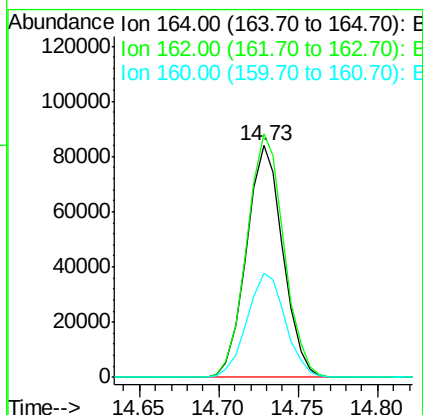
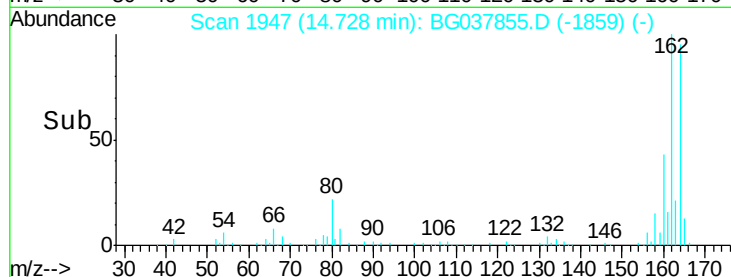
164 100

162 105.1 81.3 121.9

160 45.0 36.3 54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.518 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:216 Resp: 170781

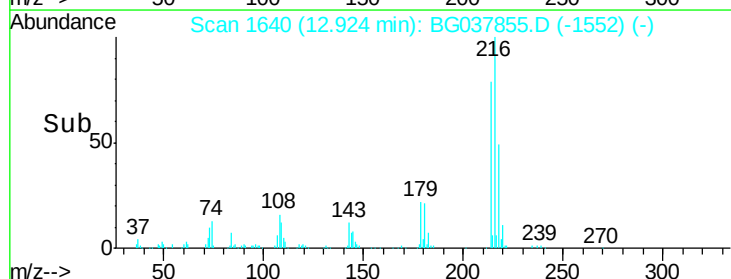
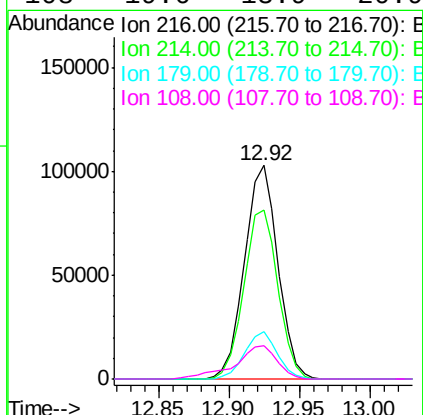
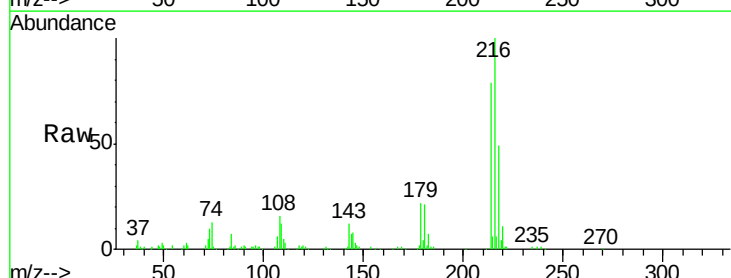
Ion Ratio Lower Upper

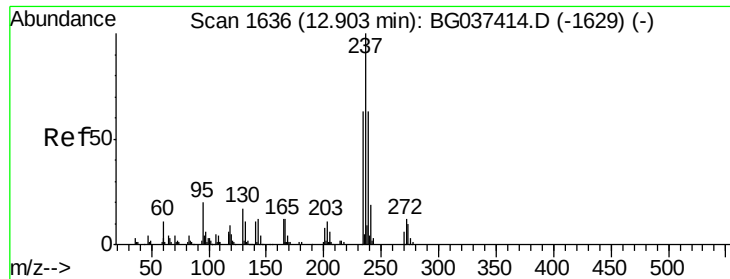
216 100

214 80.5 63.8 95.6

179 21.6 17.4 26.0

108 19.6 13.9 20.9





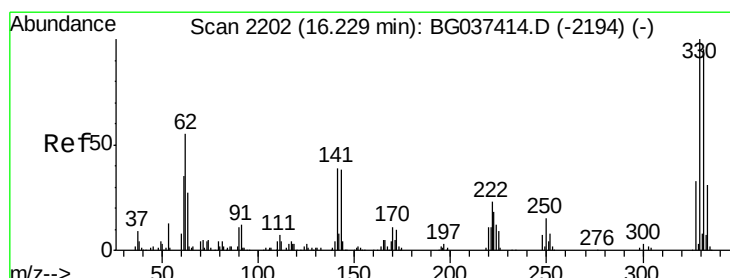
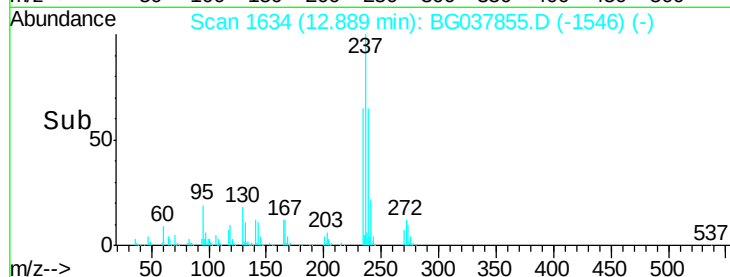
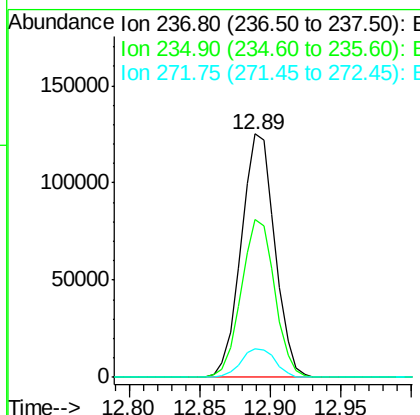
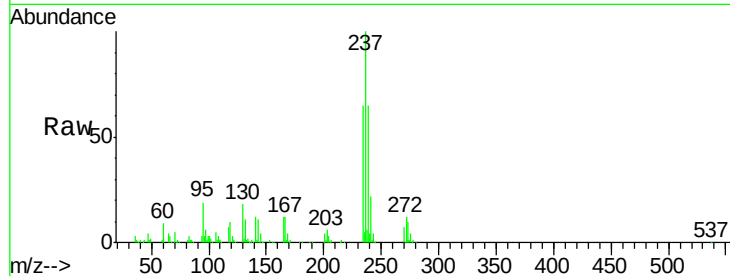
#41
Hexachlorocyclopentadiene
Concen: 100.975 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.8	42.5	82.5
272	11.9	0.0	31.6

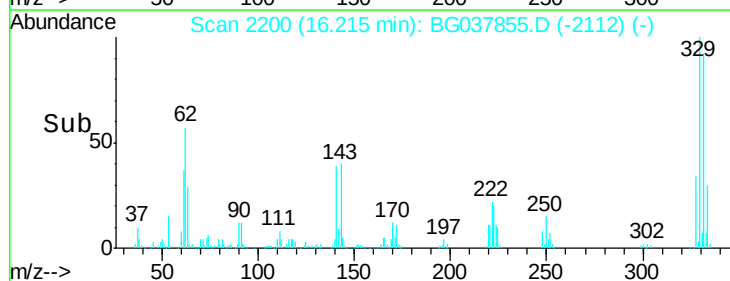
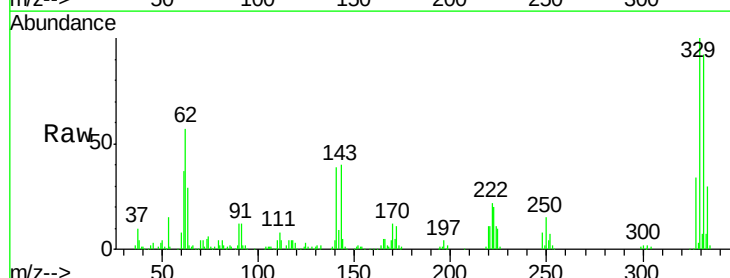
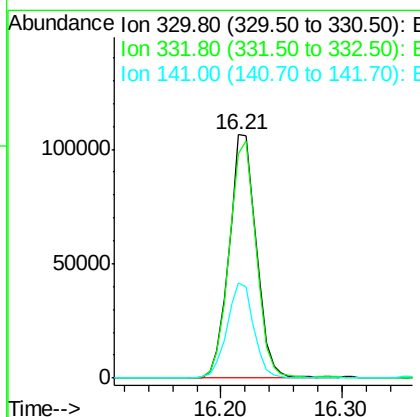
Manual Integrations
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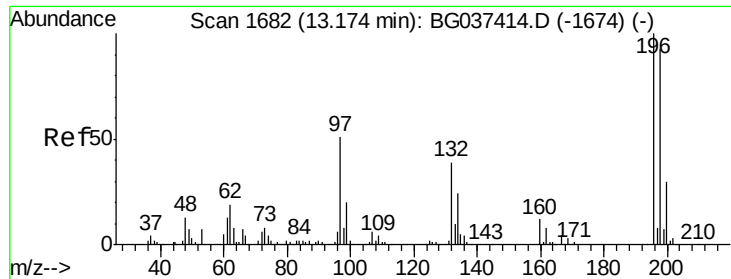
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#42
2,4,6-Tribromophenol
Concen: 114.451 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	78.4	117.6
141	38.5	32.2	48.2





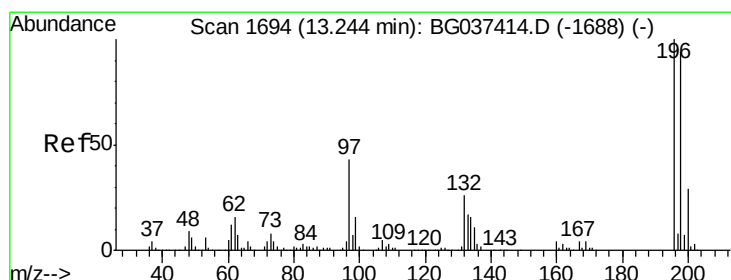
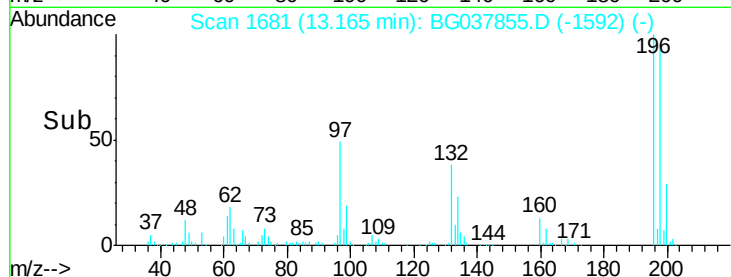
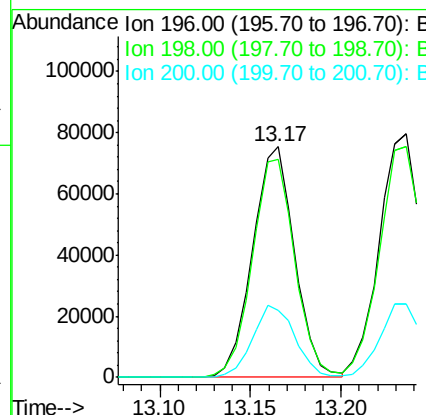
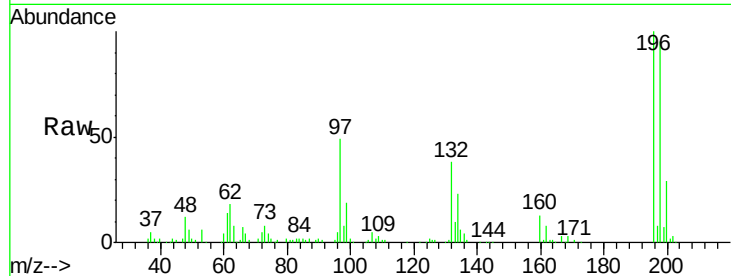
#43
 2,4,6-Trichlorophenol
 Concen: 42.290 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :
 PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122098		
198	94.5	76.4	114.6	
200	28.9	24.9	37.3	

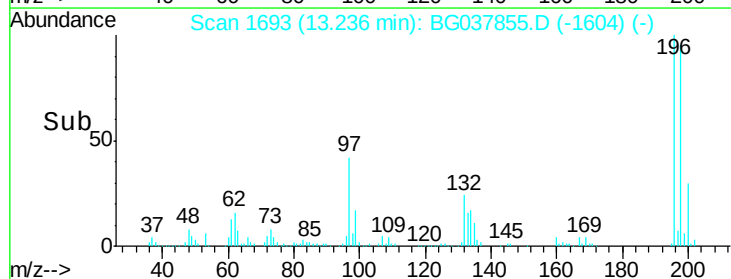
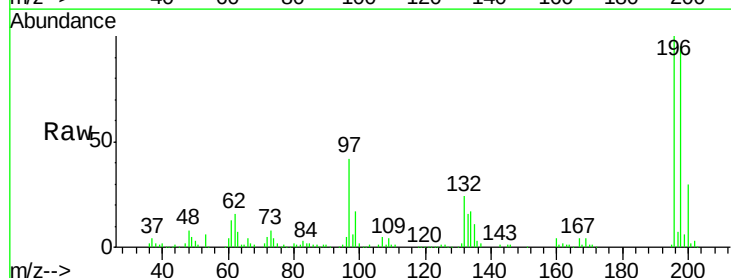
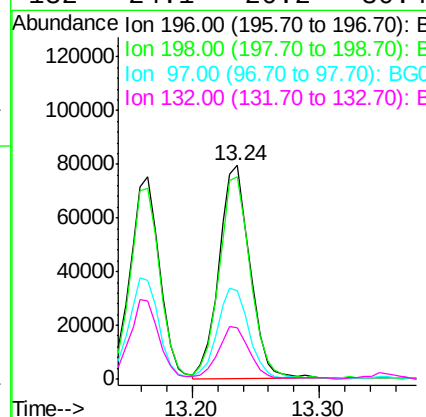
Manual Integrations
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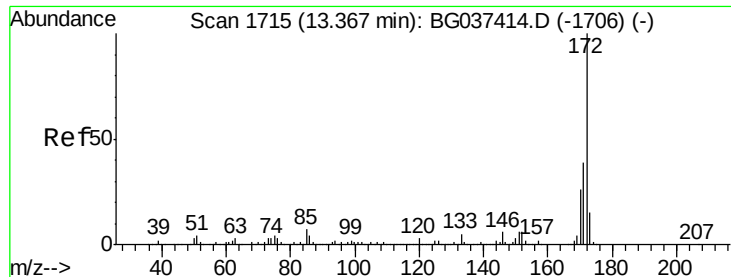
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 43.038 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135290		
198	94.7	74.2	111.2	
97	41.6	34.1	51.1	
132	24.1	20.2	30.4	





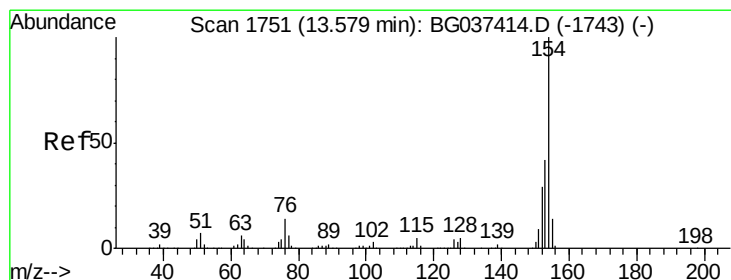
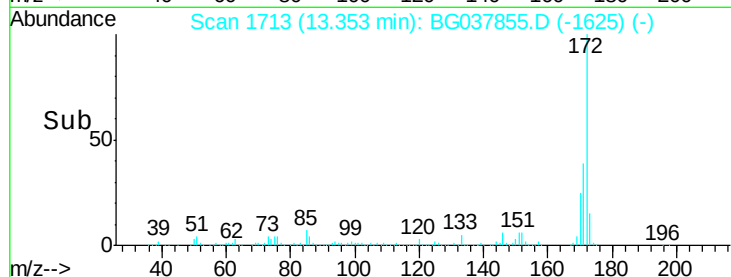
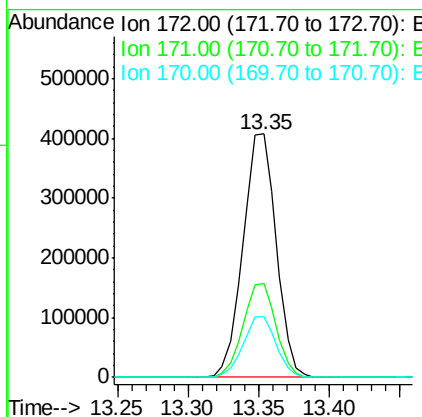
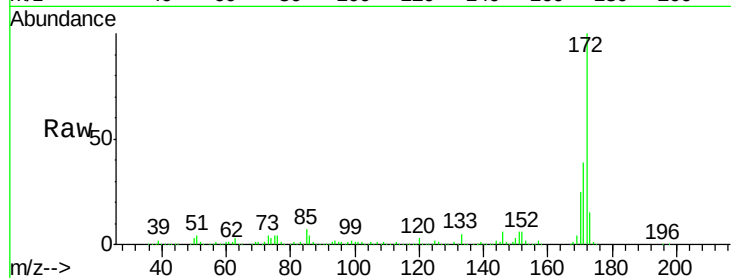
#45
2-Fluorobiphenyl
Concen: 75.699 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampled :
PB114524BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	38.5	31.0	46.4
170	25.0	20.2	30.2

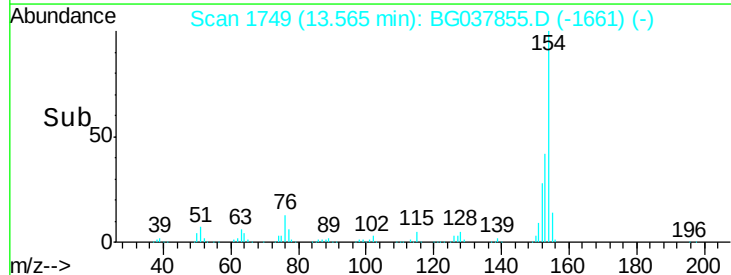
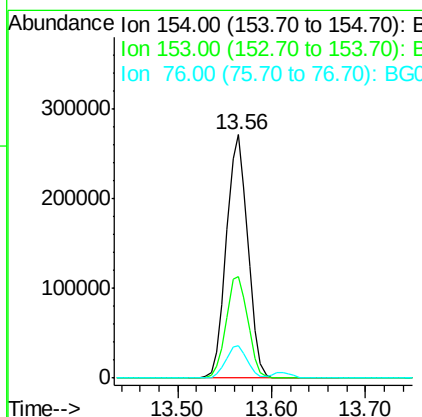
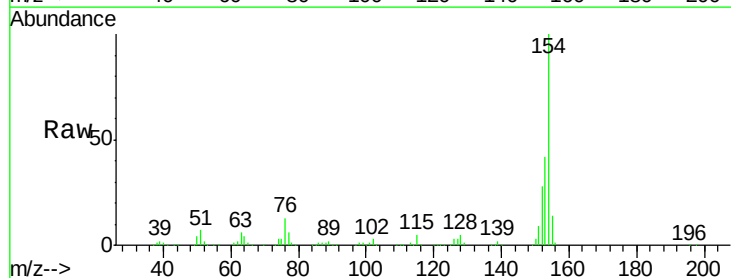
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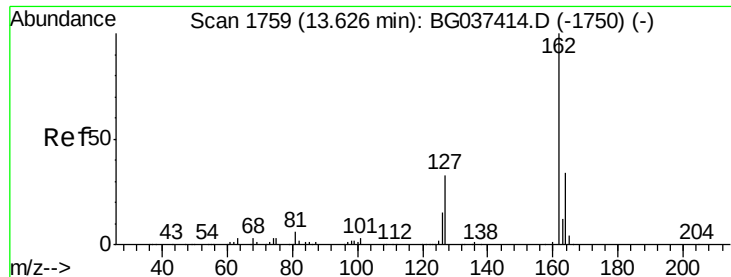
Sohil
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#46
1,1'-Biphenyl
Concen: 38.643 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.7	22.1	62.1
76	13.2	0.0	33.2





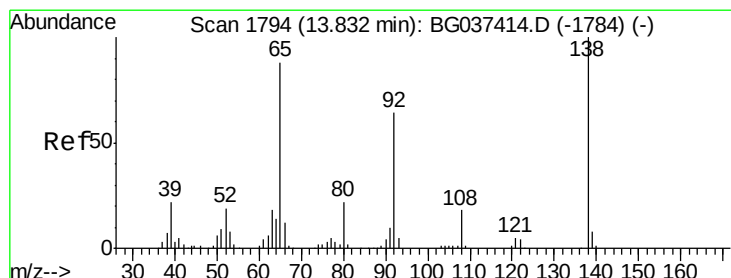
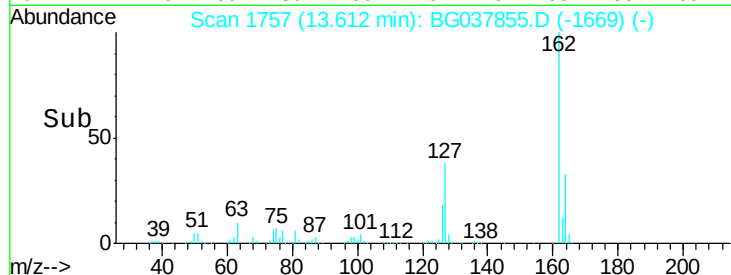
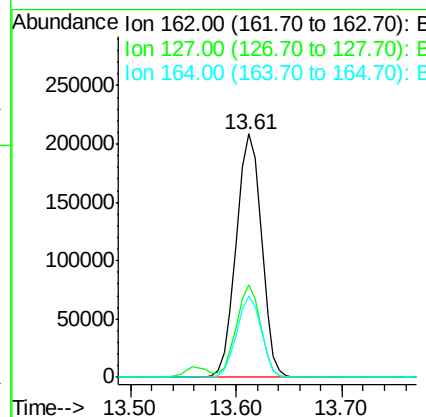
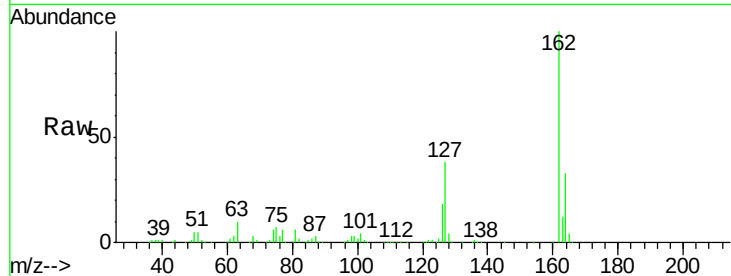
#47
2-Chloronaphthalene
Concen: 41.006 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampled :
PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	344229		
127	38.0	30.5	45.7	
164	33.3	26.4	39.6	

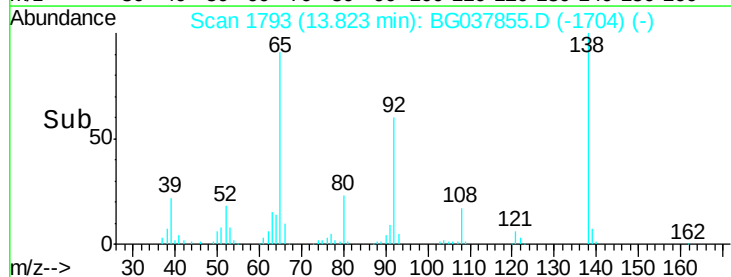
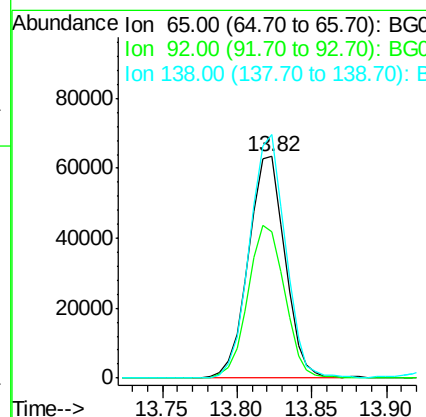
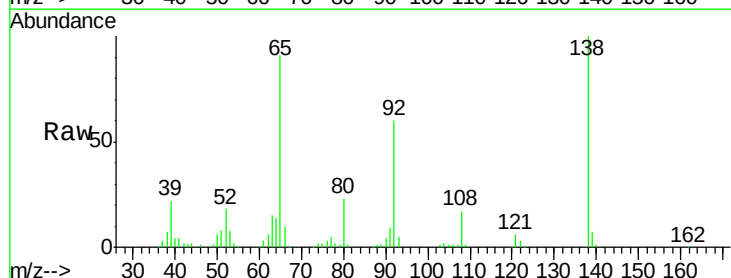
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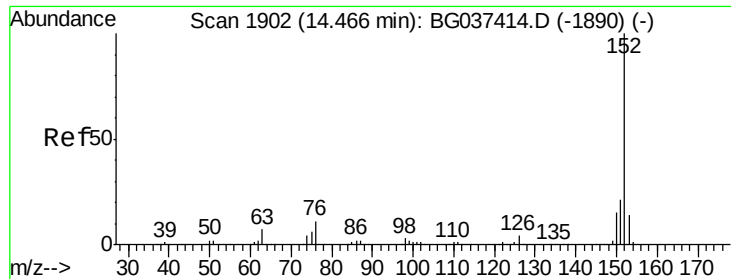
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#48
2-Nitroaniline
Concen: 42.252 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107559		
92	66.0	53.2	79.8	
138	109.8	79.3	118.9	





#49

Acenaphthylene

Concen: 44.906 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

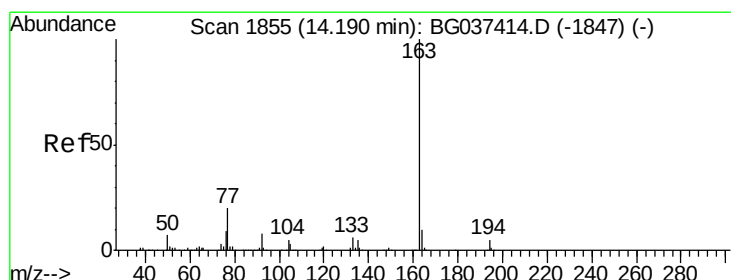
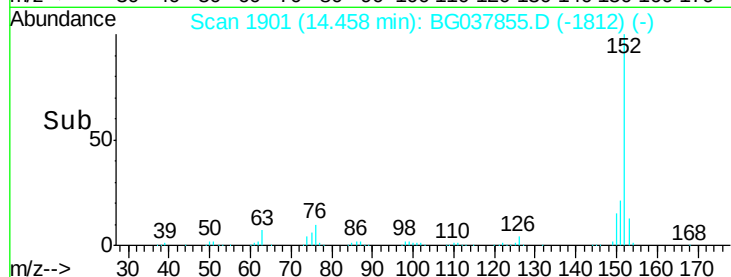
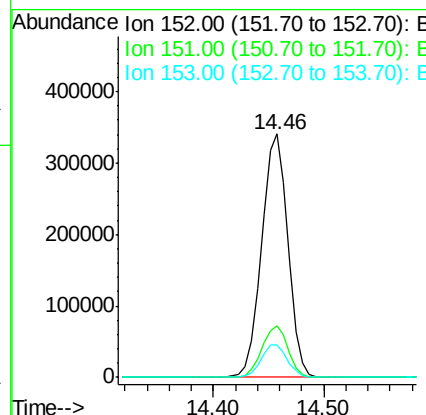
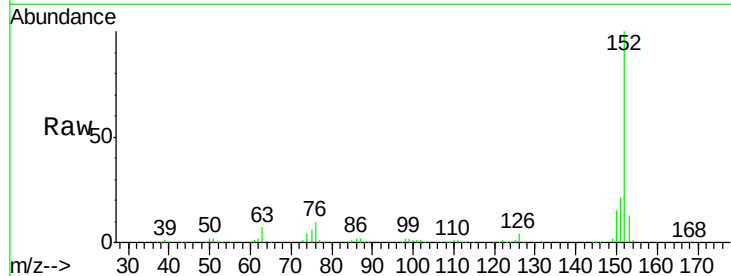
ClientSampleId :

PB114524BS

Tgt Ion:	152	Resp:	567062
Ion Ratio		Lower	Upper
152	100		
151	21.3	17.1	25.7
153	13.4	11.1	16.7

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#50

Dimethylphthalate

Concen: 41.312 ng

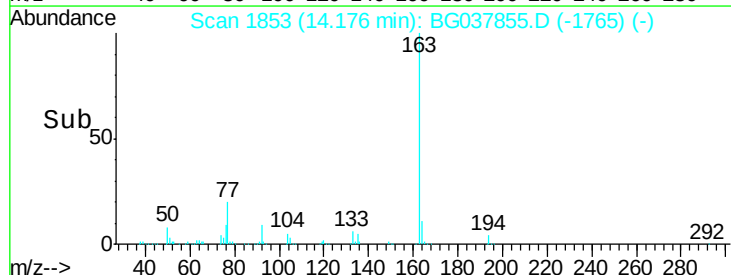
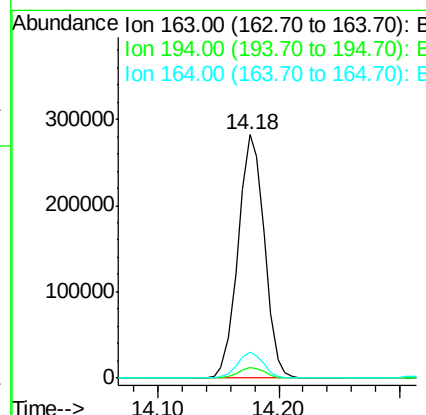
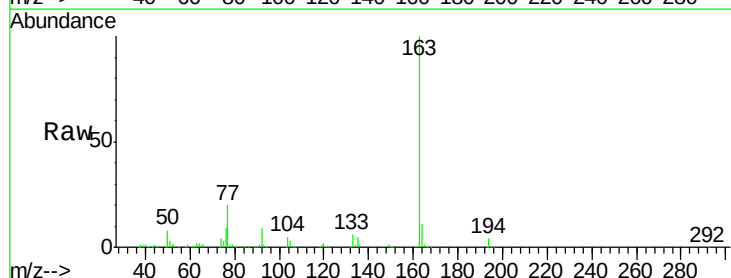
RT: 14.18 min Scan# 1853

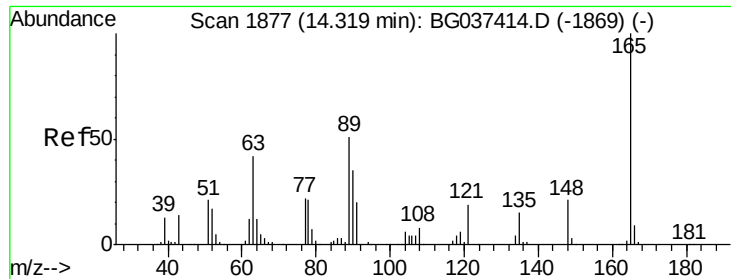
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion:	163	Resp:	428197
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.8	8.5	12.7





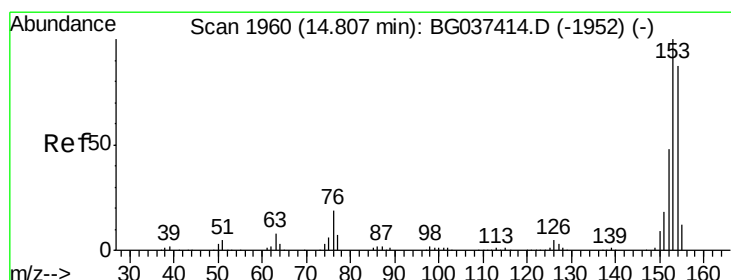
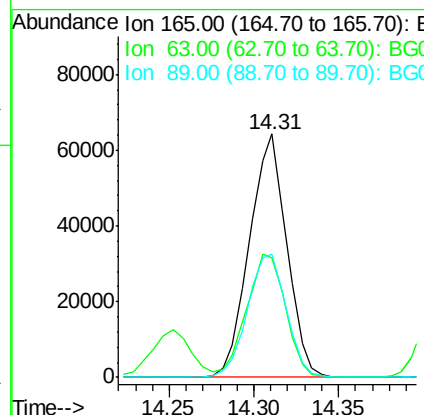
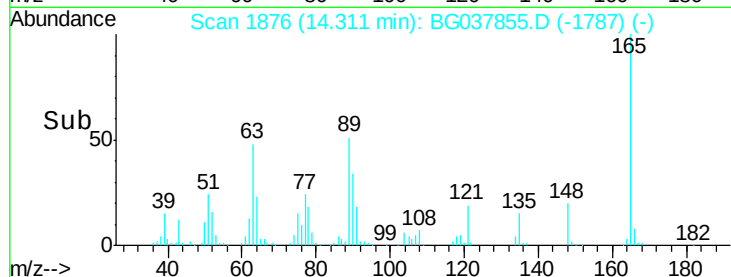
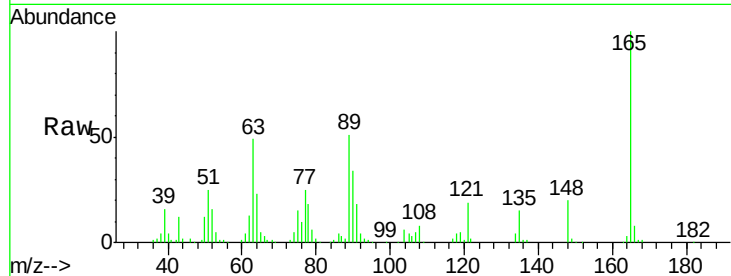
#51
 2,6-Dinitrotoluene
 Concen: 43.072 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	43.4	65.2
89	50.5	45.8	68.6

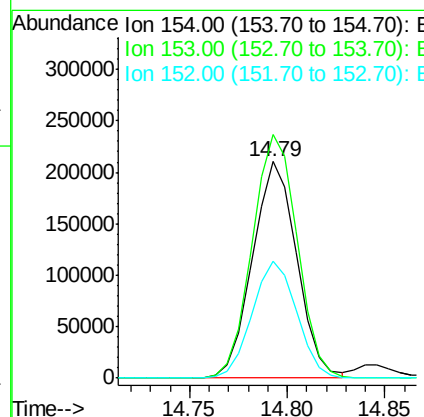
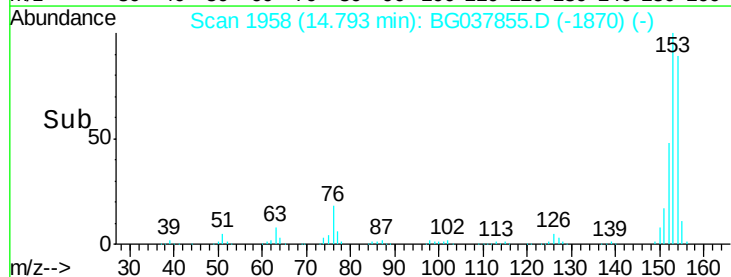
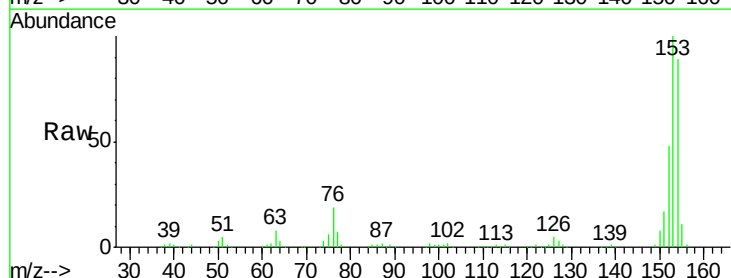
Manual Integrations
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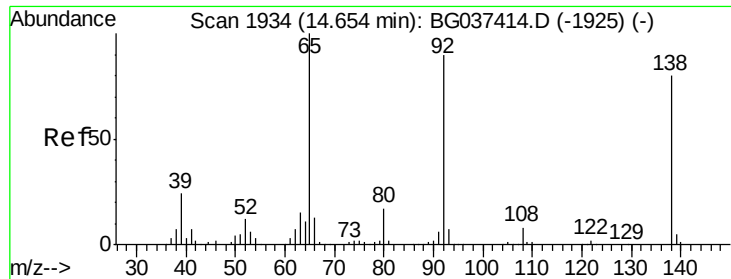
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#52
 Acenaphthene
 Concen: 42.607 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	93.4	140.0
152	54.3	44.7	67.1





#53

3-Nitroaniline

Concen: 17.085 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

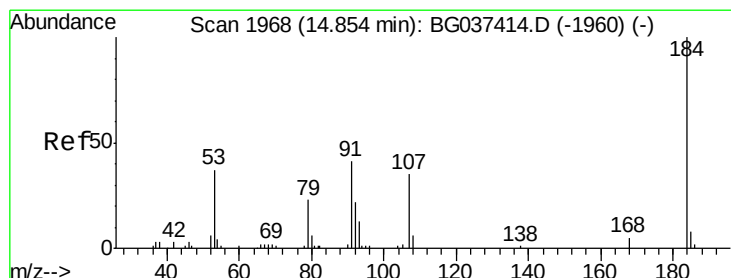
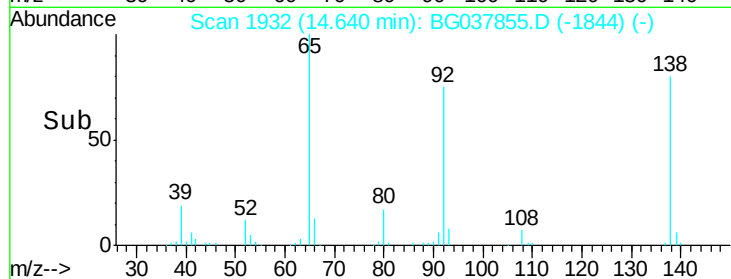
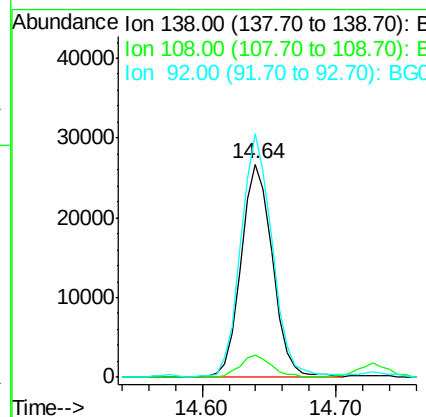
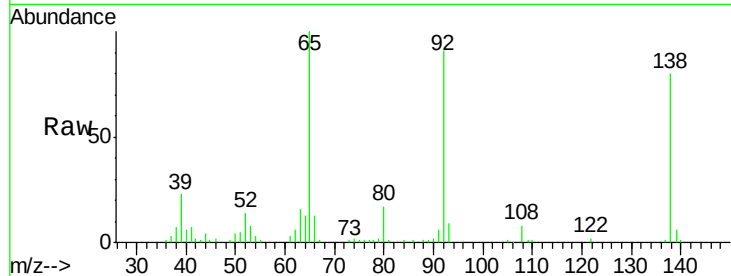
ClientSampleId :

PB114524BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	11.0	16.6#
92	114.4	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 54.056 ng

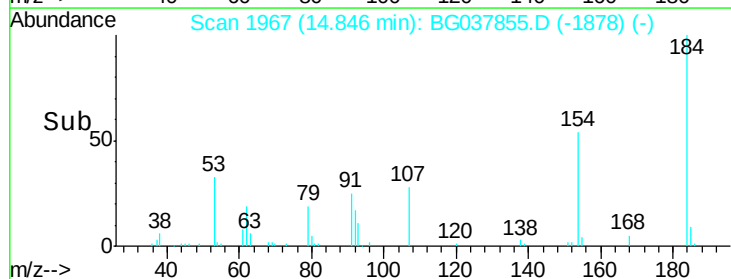
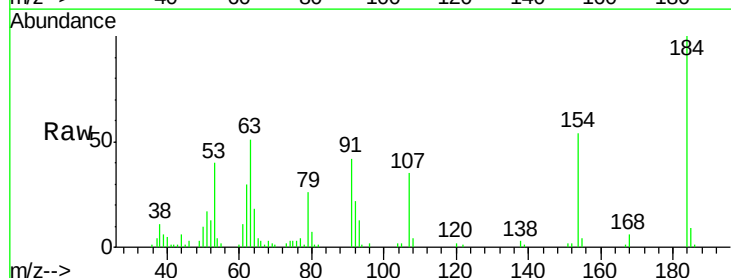
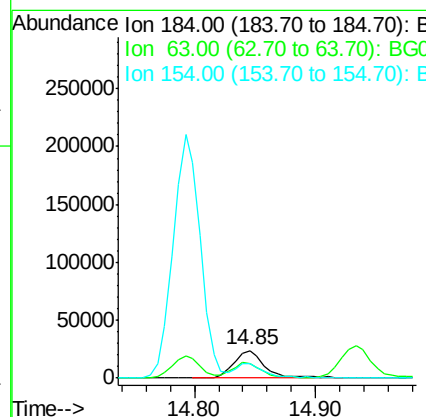
RT: 14.85 min Scan# 1967

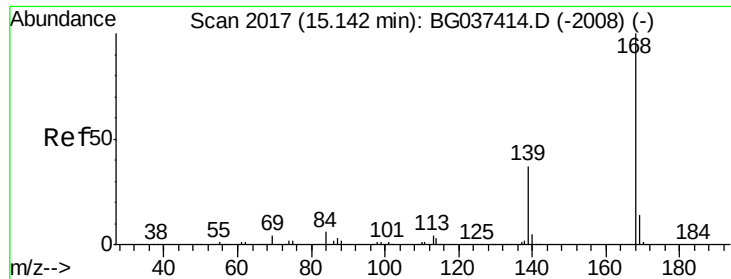
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.8	42.6	63.8
154	53.6	41.8	62.6





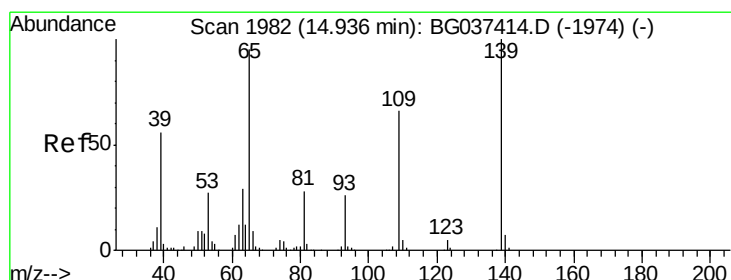
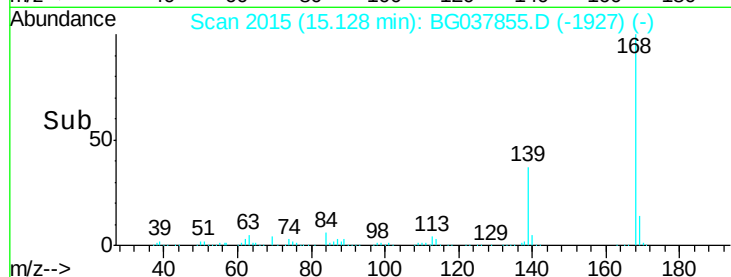
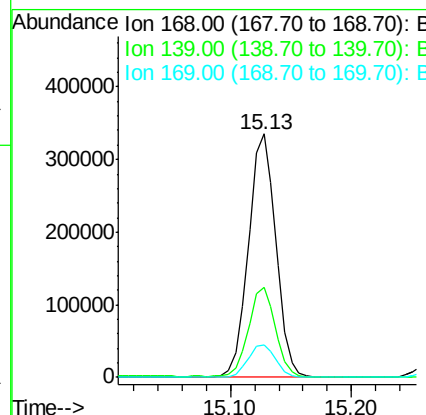
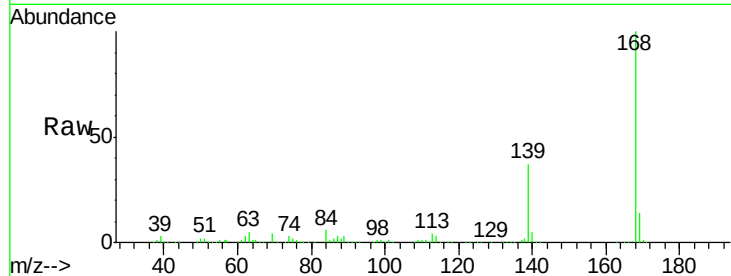
#55
Dibenzofuran
Concen: 41.220 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	531117		
139	37.0	29.4	44.0	
169	13.5	11.0	16.6	

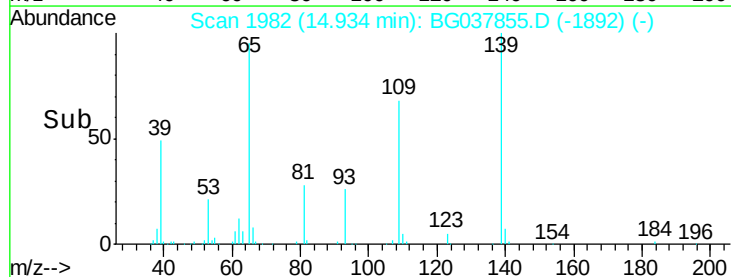
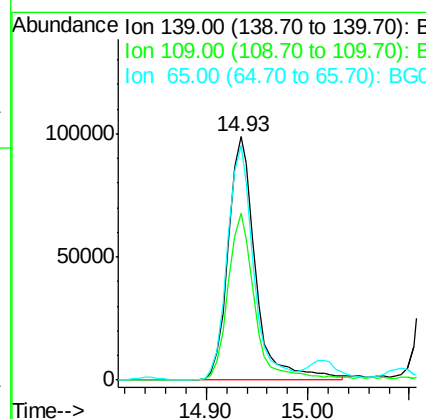
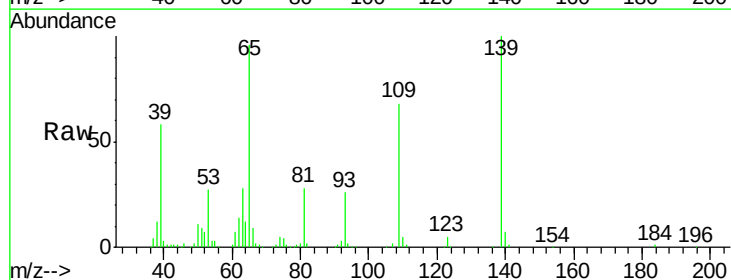
Manual Integrations
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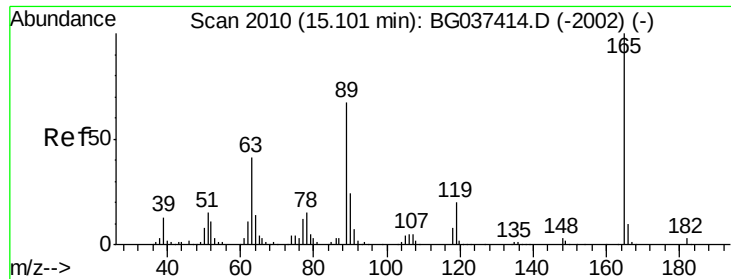
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#56
4-Nitrophenol
Concen: 98.219 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	185060		
109	68.4	49.5	89.5	
65	96.2	76.8	116.8	





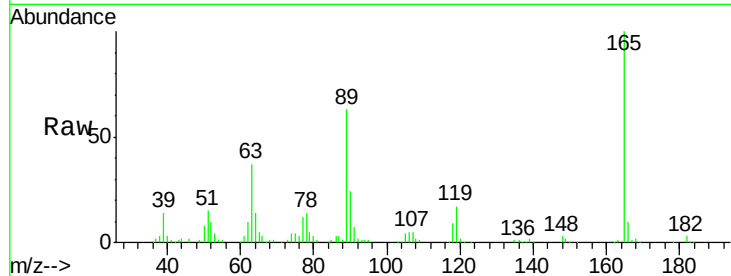
#57
2,4-Dinitrotoluene
Concen: 45.756 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137719		
63	37.4	33.4	50.0	
89	63.3	57.2	85.8	
182	3.2	2.6	4.0	

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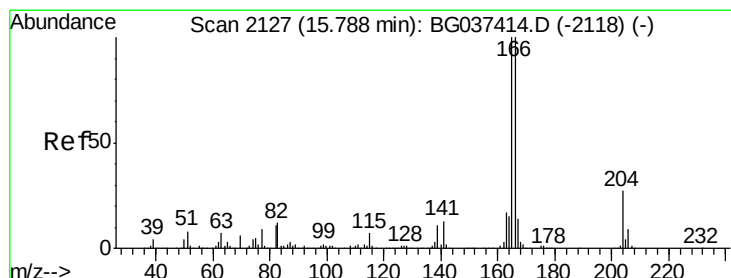
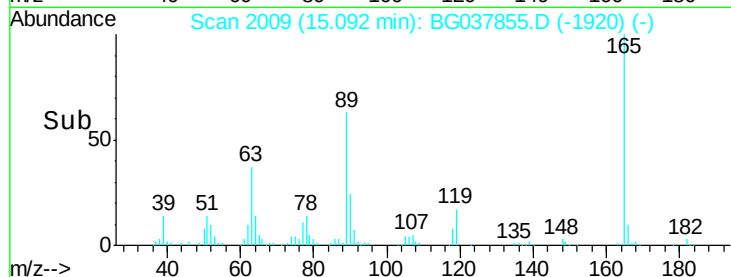
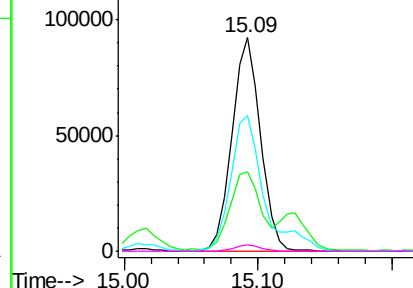


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

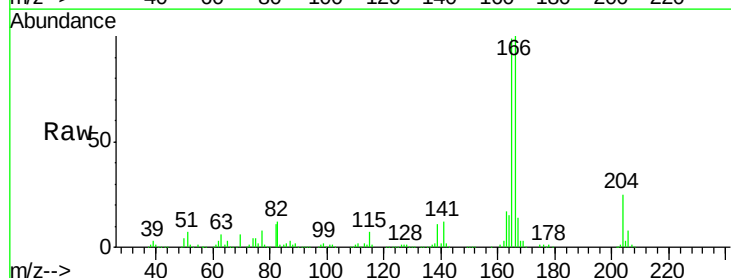
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.302 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

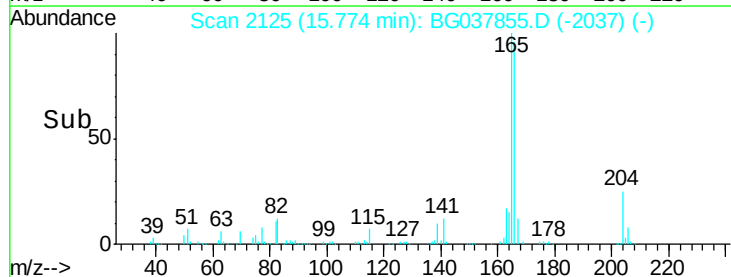
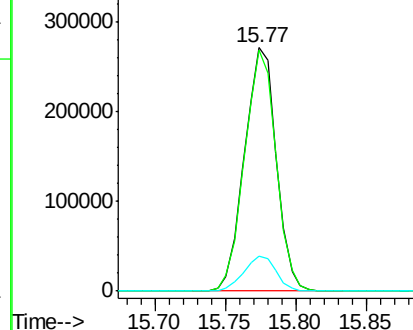
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	427466		
165	99.3	79.0	118.6	
167	14.1	11.3	16.9	

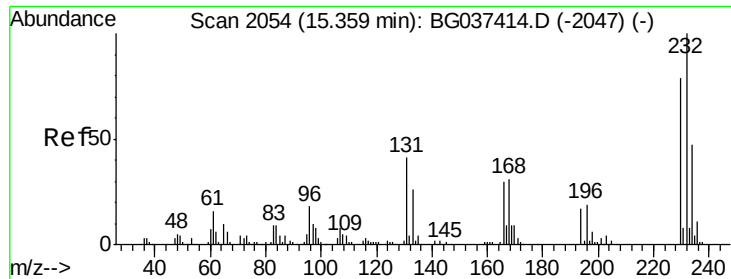


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





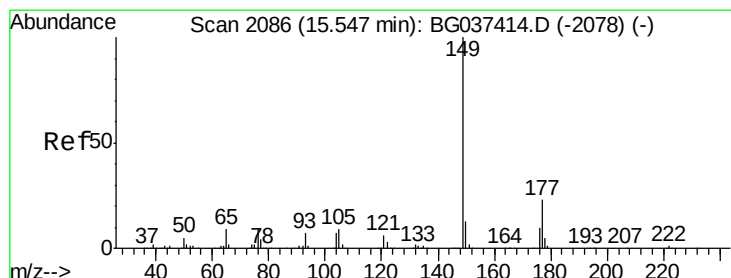
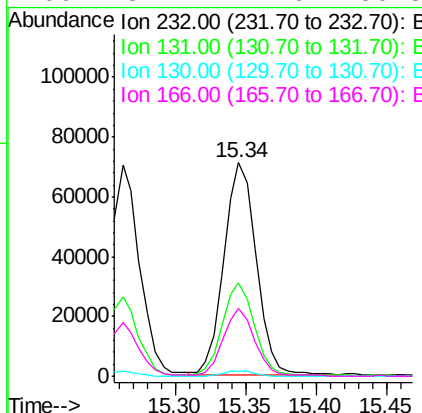
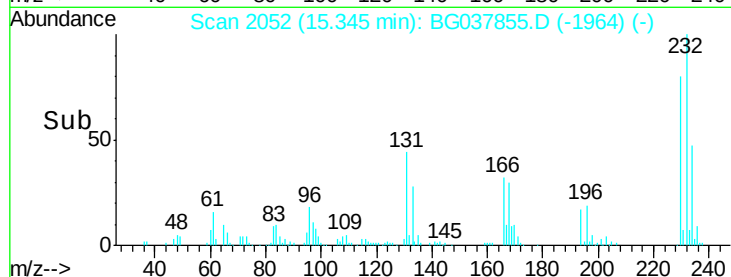
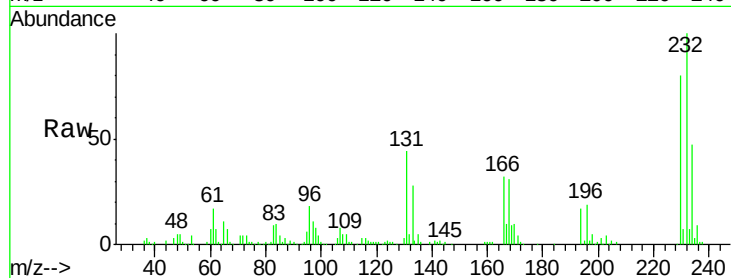
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.155 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	113459		
131	43.4	33.7	50.5	
130	2.4	2.1	3.1	
166	31.2	24.6	36.8	

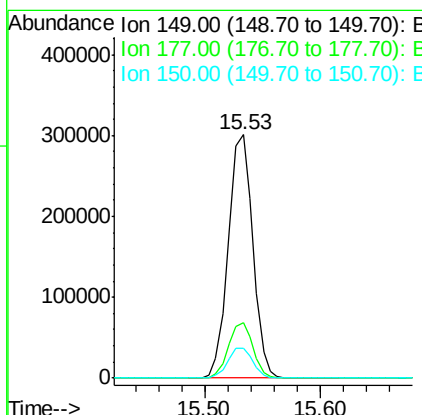
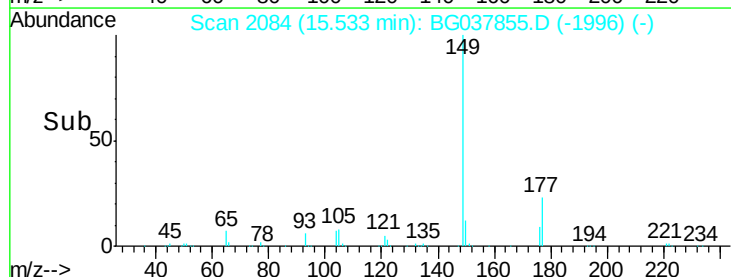
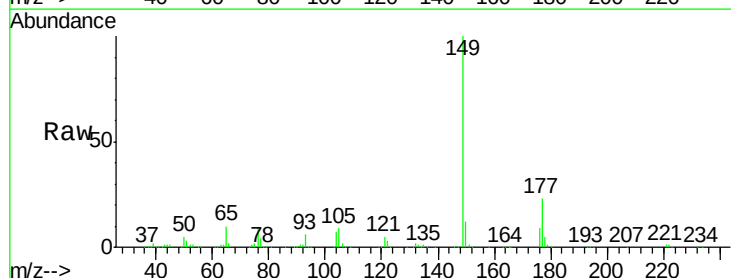
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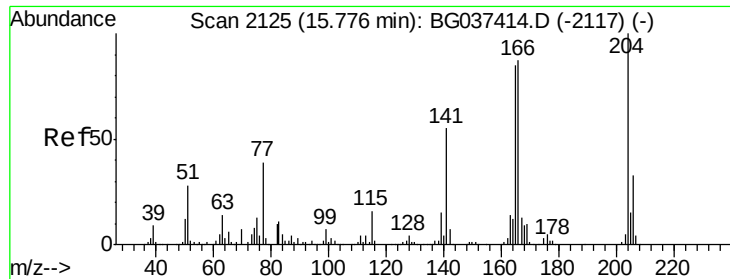
Sohil
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#60
 Diethylphthalate
 Concen: 41.601 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	442689		
177	22.9	18.3	27.5	
150	12.4	10.0	15.0	





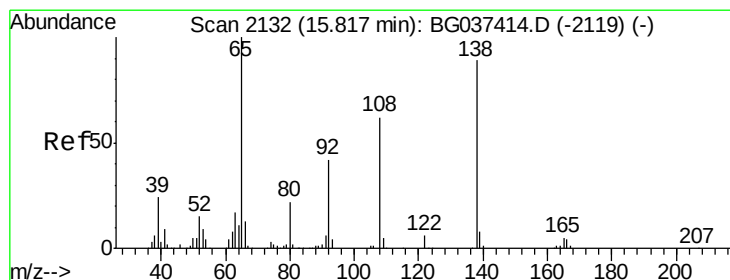
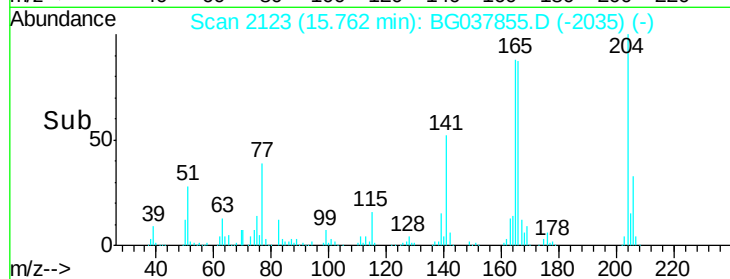
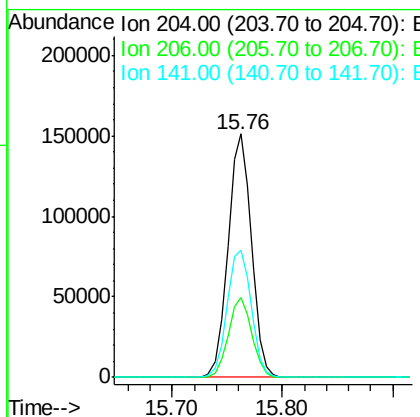
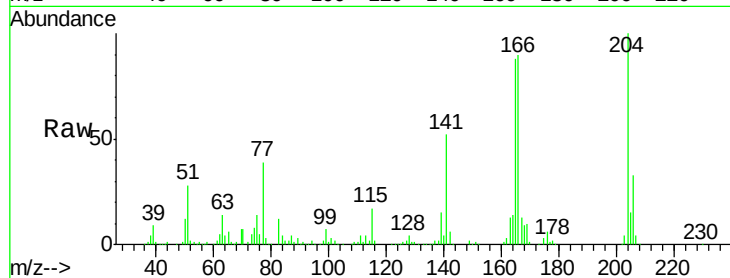
#61
 4-Chlorophenyl-phenylether
 Concen: 39.831 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	52.3	45.4	68.2

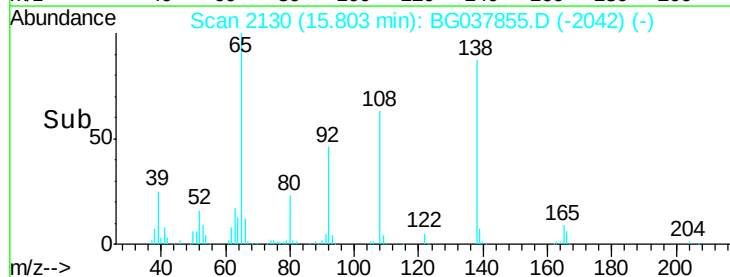
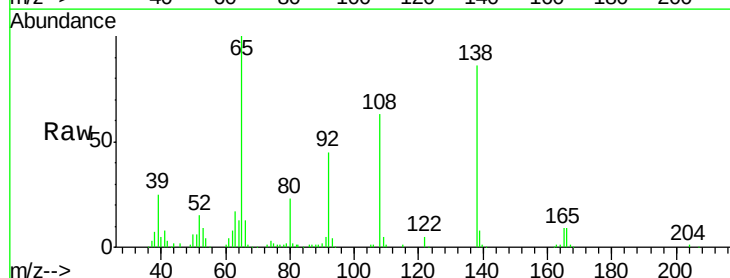
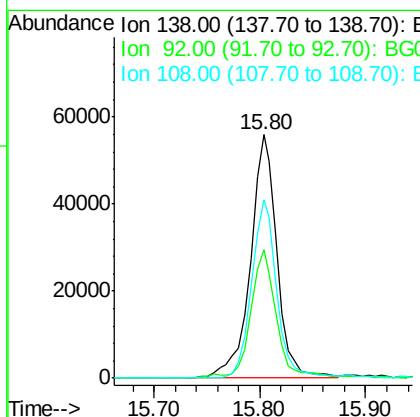
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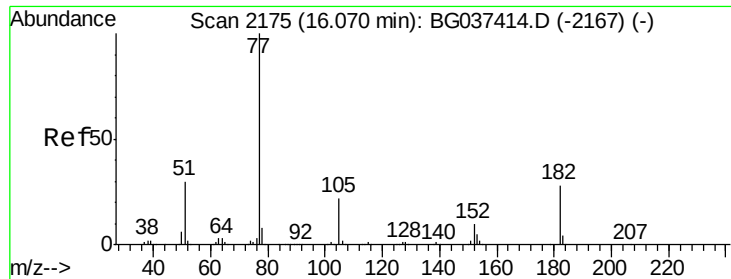
Sohil
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#62
 4-Nitroaniline
 Concen: 38.924 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	36.4	76.4
108	73.0	60.1	100.1





#63

Azobenzene

Concen: 41.209 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

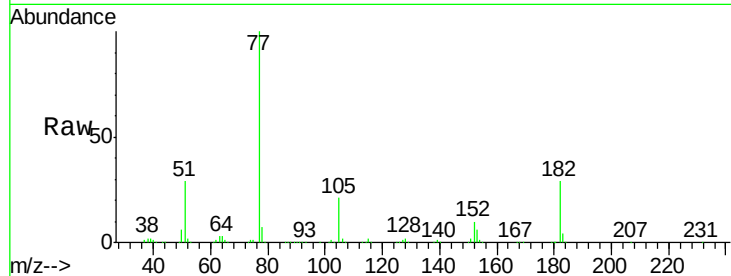
ClientSampleId :

PB114524BS

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	8.0	48.0	
105	21.3	1.3	41.3	
51	28.9	10.7	50.7	

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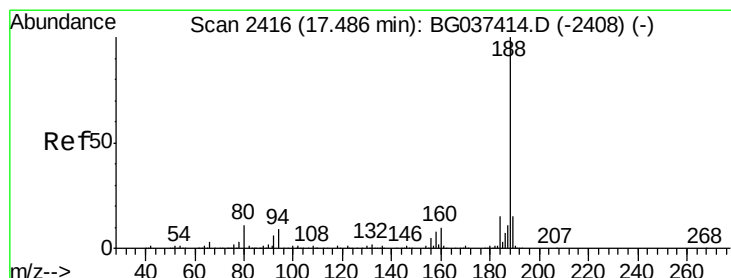
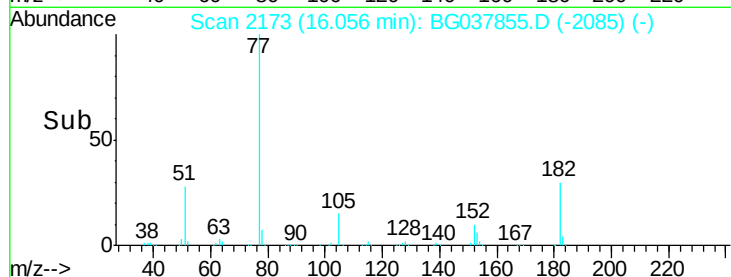
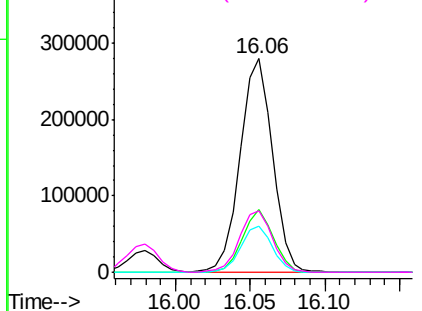


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037855.D

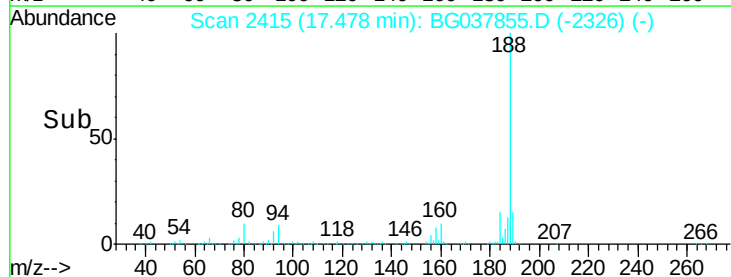
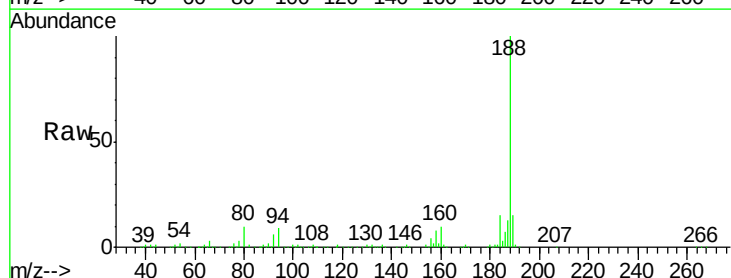
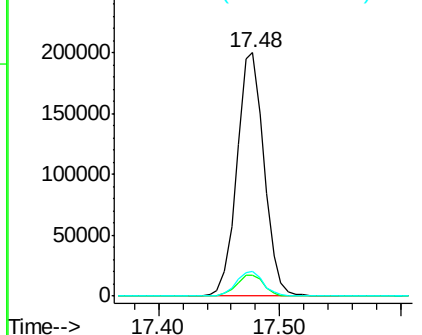
Acq: 7 Nov 2018 1:53

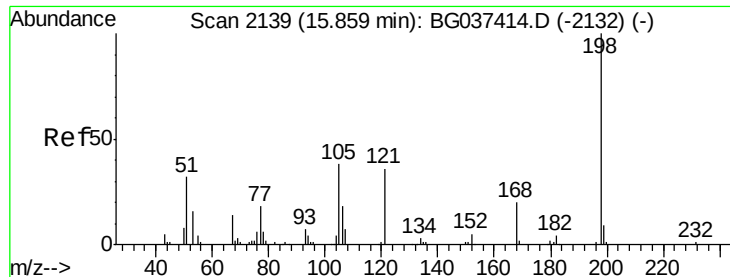
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.2	10.8	
80	10.1	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.747 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

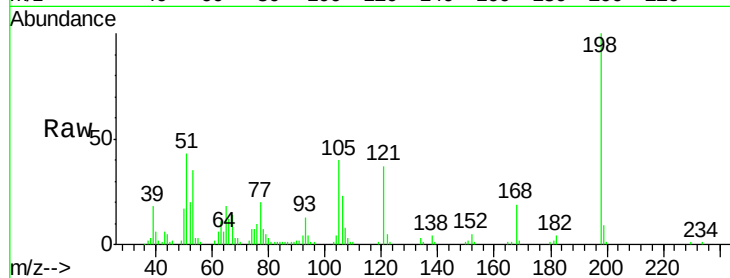
ClientSampled :

PB114524BS

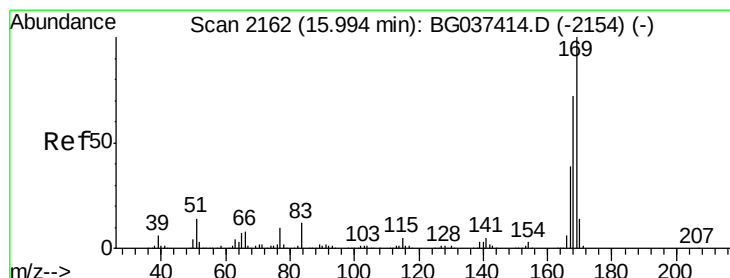
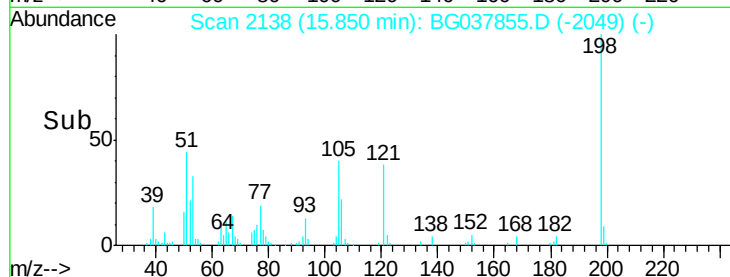
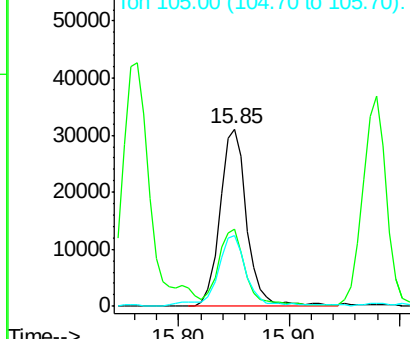
Tgt Ion:	198	Resp:	52552
Ion Ratio	Lower	Upper	
198	100		
51	43.2	22.7	62.7
105	39.6	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.800 ng

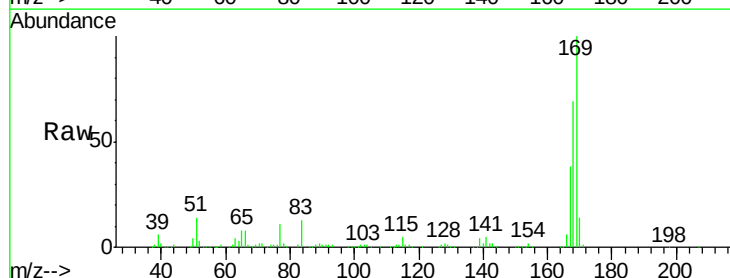
RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

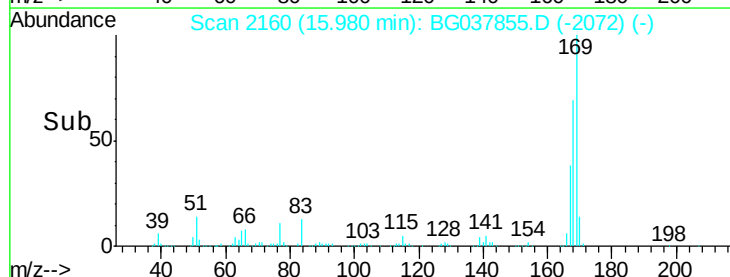
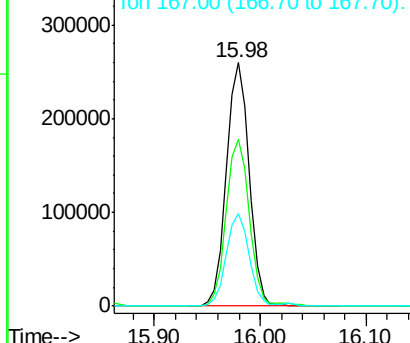
Lab File: BG037855.D

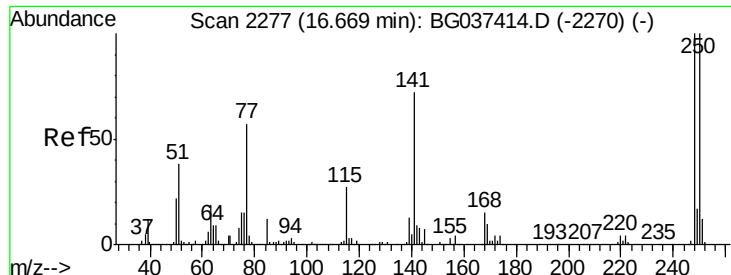
Acq: 7 Nov 2018 1:53

Tgt Ion:	169	Resp:	385384
Ion Ratio	Lower	Upper	
169	100		
168	68.7	55.7	83.5
167	37.9	31.3	46.9



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





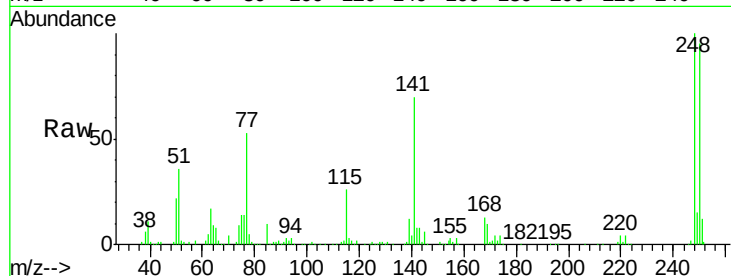
#67
 4-Bromophenyl-phenylether
 Concen: 40.234 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

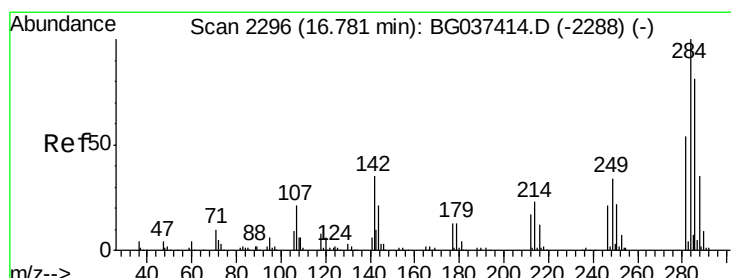
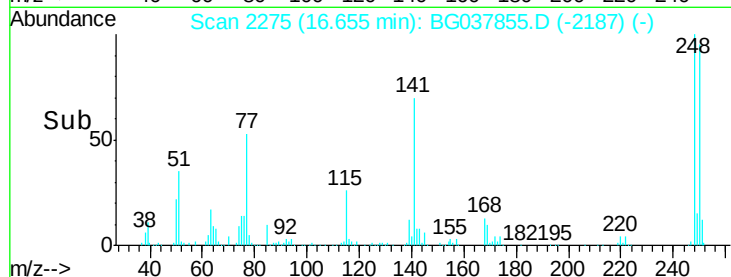
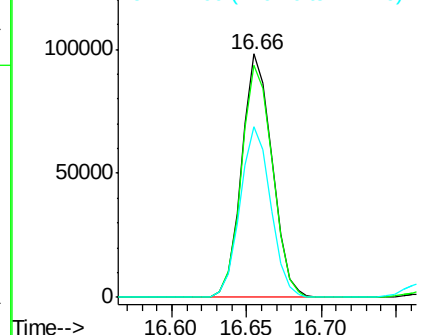
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	138743		
250	95.1	77.0	115.6	
141	69.8	55.5	83.3	

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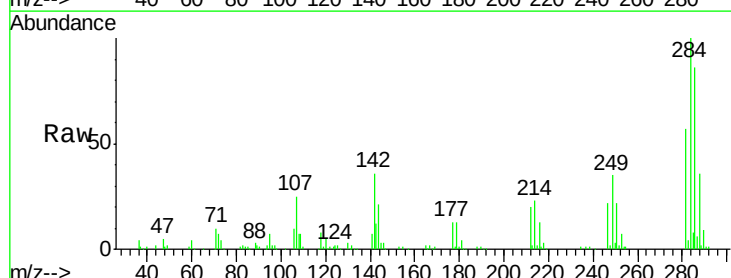


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

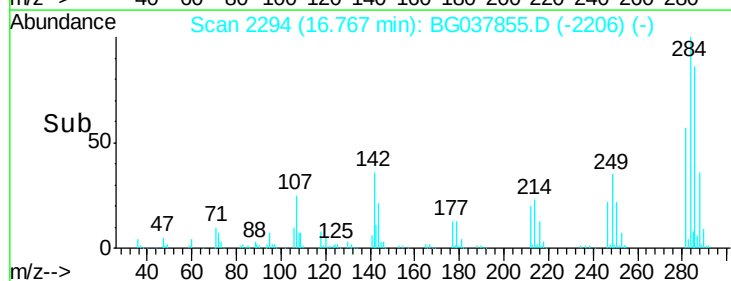
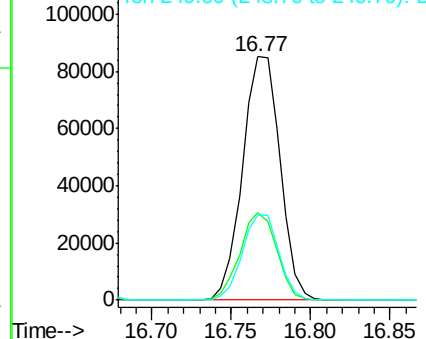


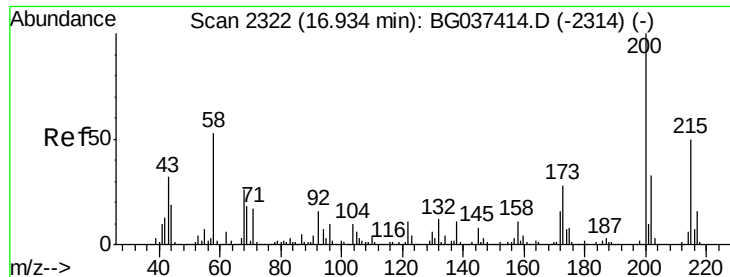
#68
 Hexachlorobenzene
 Concen: 39.113 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	139787		
142	36.0	28.1	42.1	
249	37.7	29.8	44.8	



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





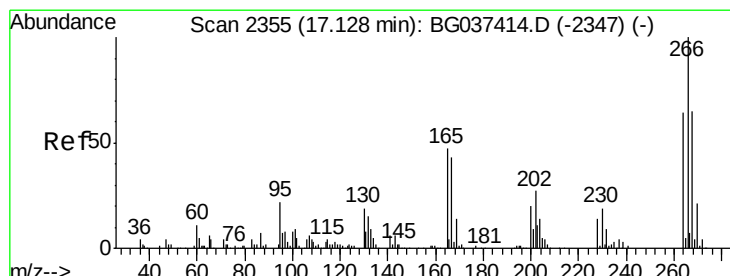
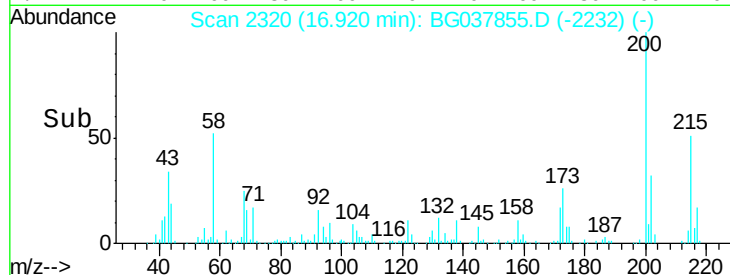
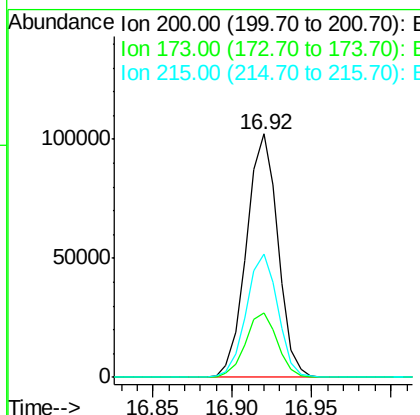
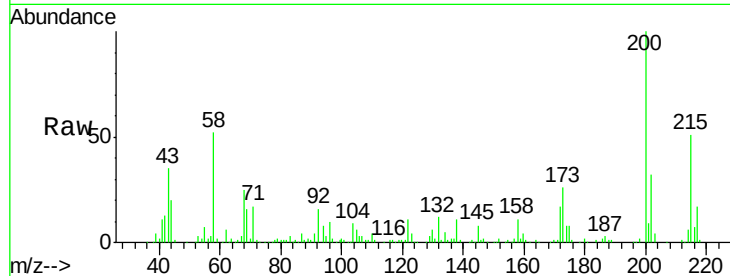
#69
 Atrazine
 Concen: 41.304 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :
 PB114524BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	6.1	46.1
215	50.5	30.8	70.8

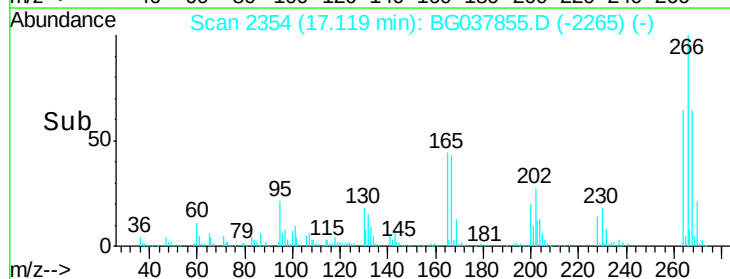
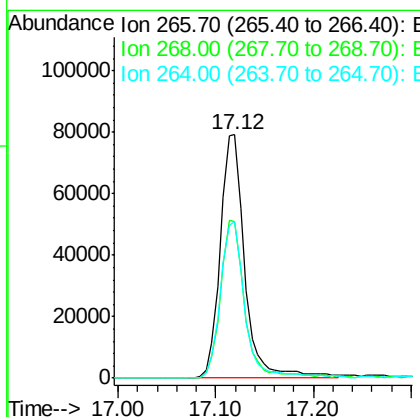
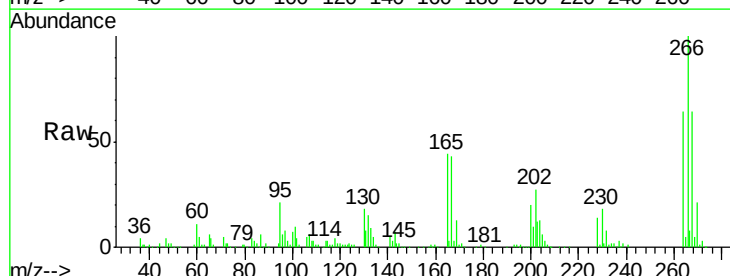
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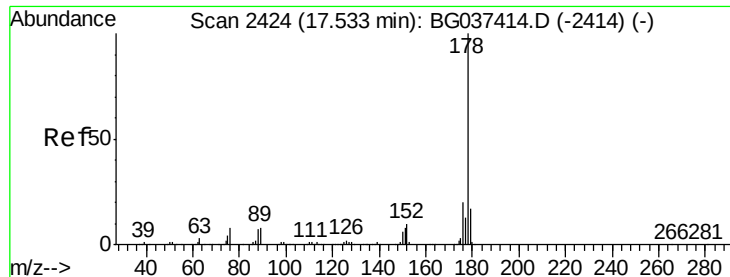
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#70
 Pentachlorophenol
 Concen: 57.930 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.5	55.0	82.6
264	69.3	58.9	88.3





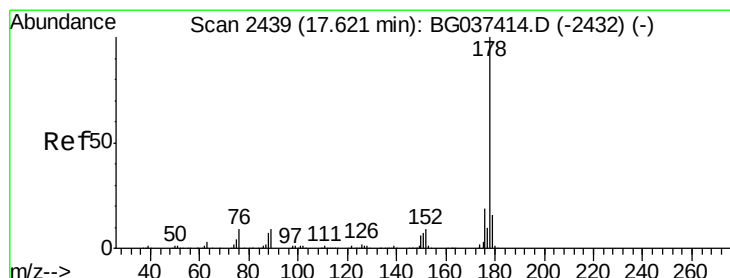
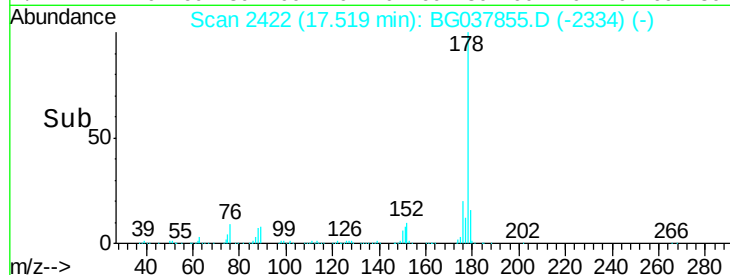
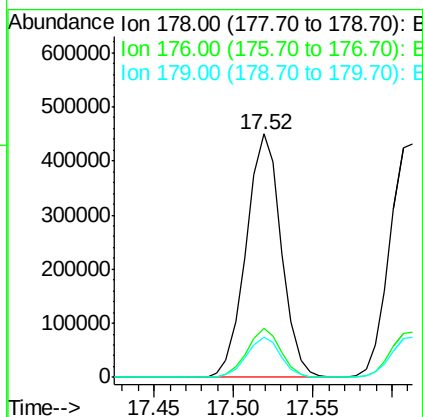
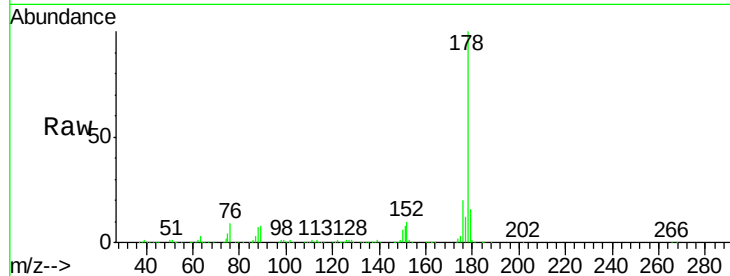
#71
Phenanthrene
Concen: 43.427 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.4	13.0	19.4

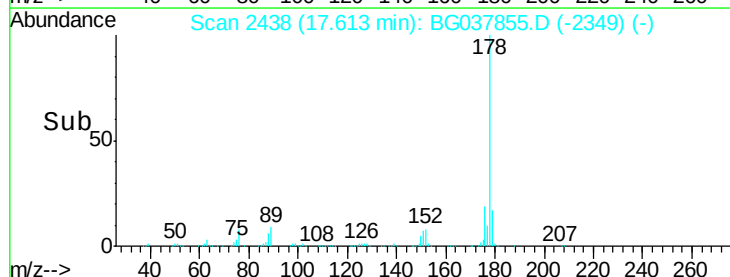
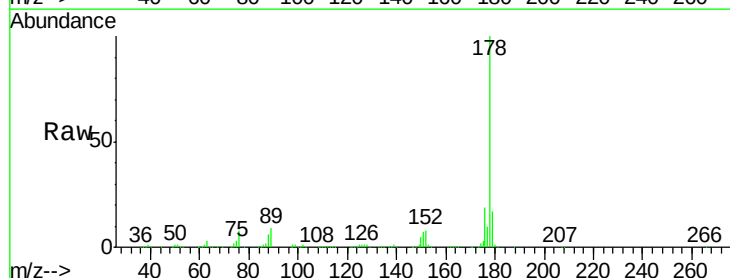
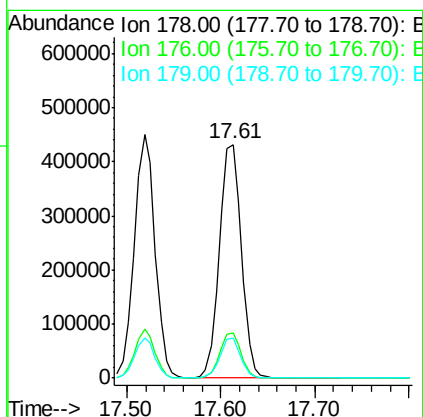
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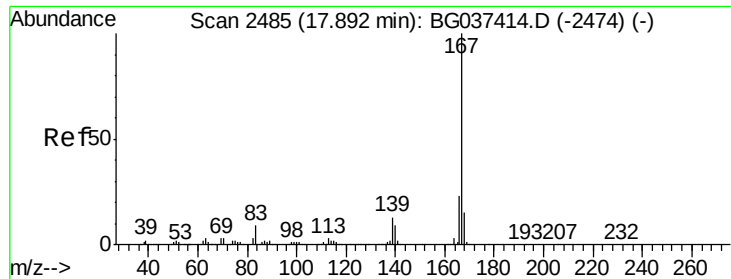
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#72
Anthracene
Concen: 45.115 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	17.4	12.8	19.2





#73

Carbazole

Concen: 40.146 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

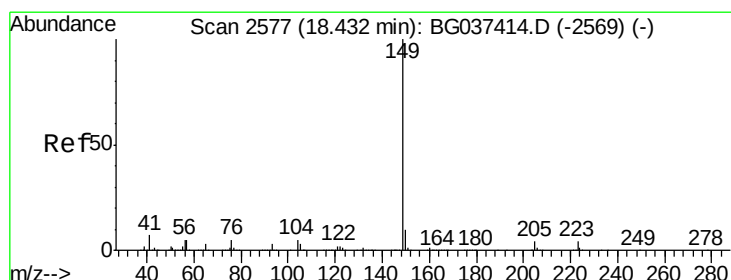
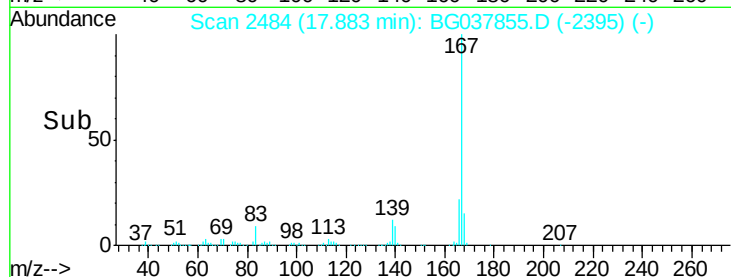
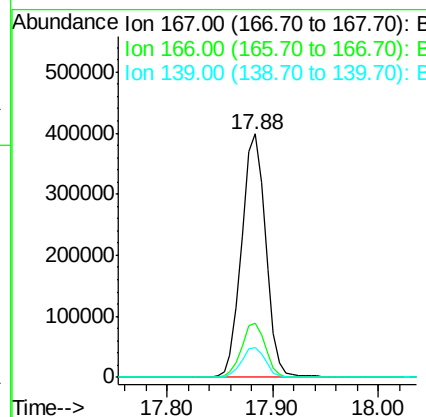
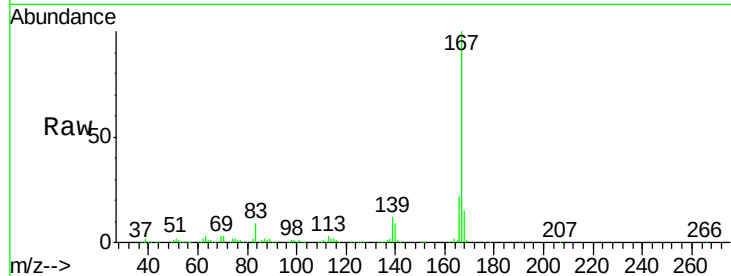
ClientSampled :

PB114524BS

Tgt	Ion	Resp	Lower	Upper
167	100			
166	22.4	18.3	27.5	
139	12.4	10.5	15.7	

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#74

Di-n-butylphthalate

Concen: 43.251 ng

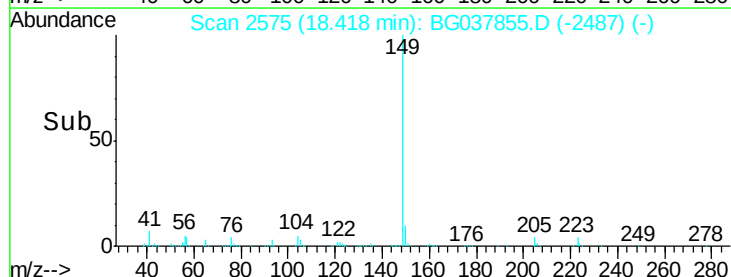
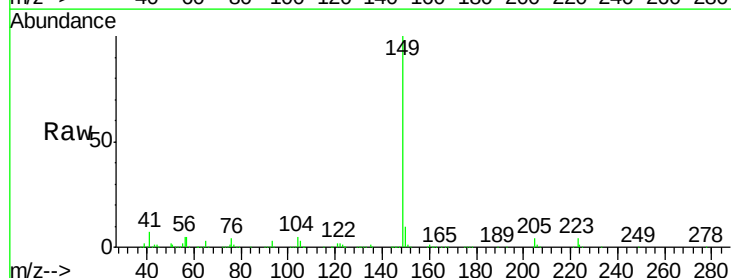
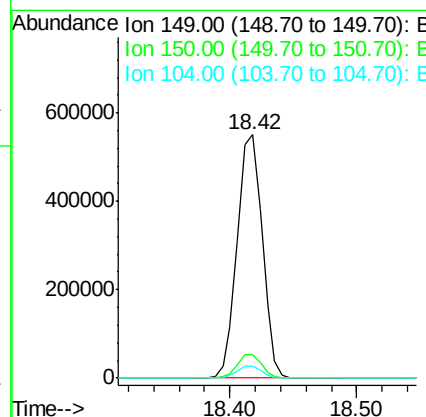
RT: 18.42 min Scan# 2575

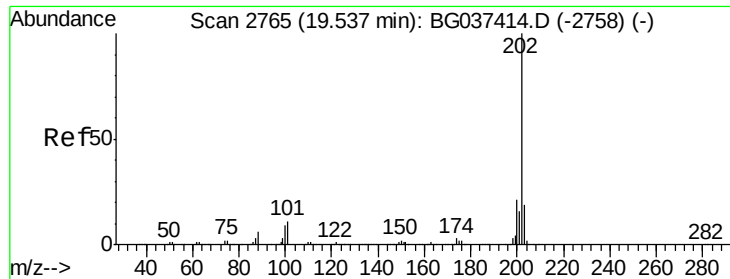
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt	Ion	Resp	Lower	Upper
149	100			
150	9.9	8.2	12.2	
104	5.1	4.0	6.0	





#75

Fluoranthene

Concen: 44.423 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

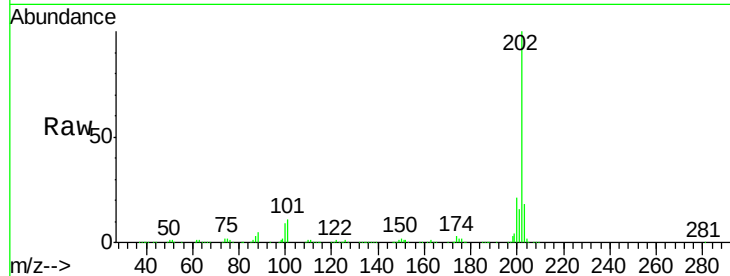
ClientSampleId :

PB114524BS

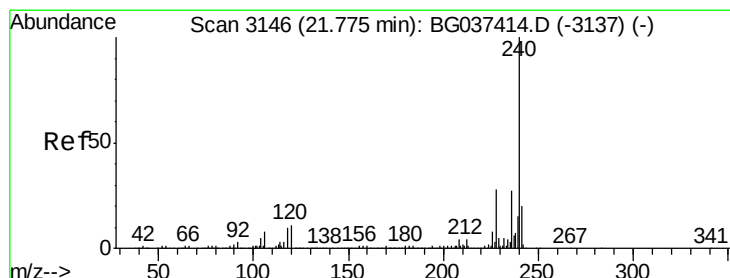
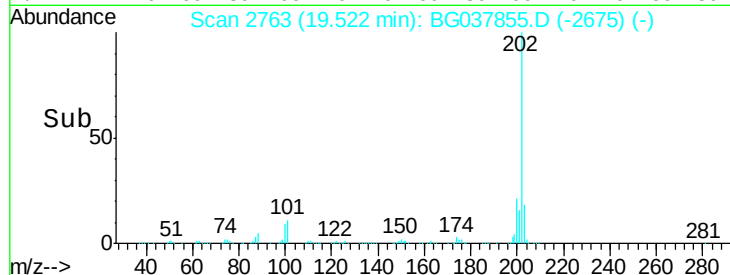
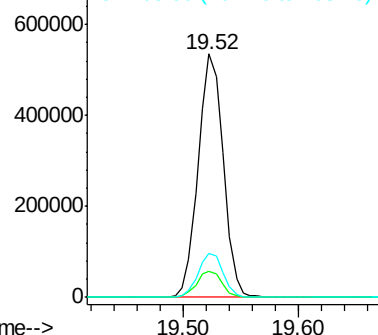
Tgt	Ion	202	Resp:	804095
Ion	Ratio	Lower	Upper	
202	100			
101	10.9	0.0	30.7	
203	18.0	0.0	38.5	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

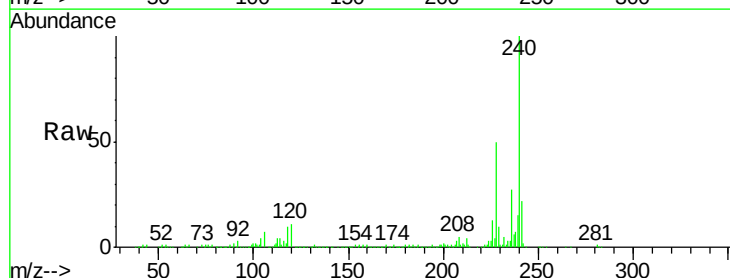
RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

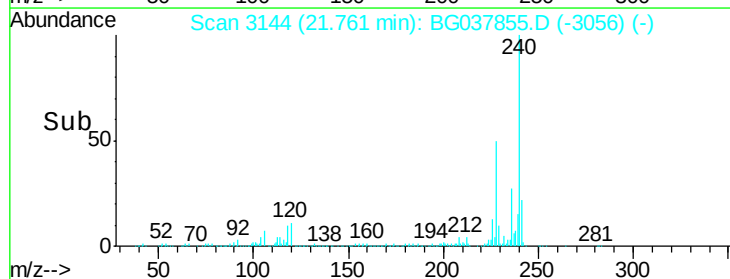
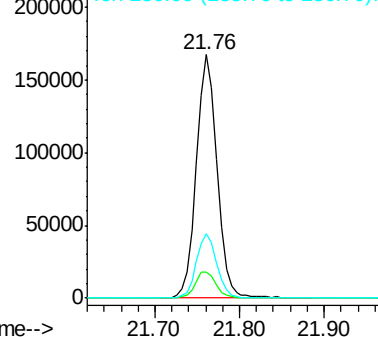
Lab File: BG037855.D

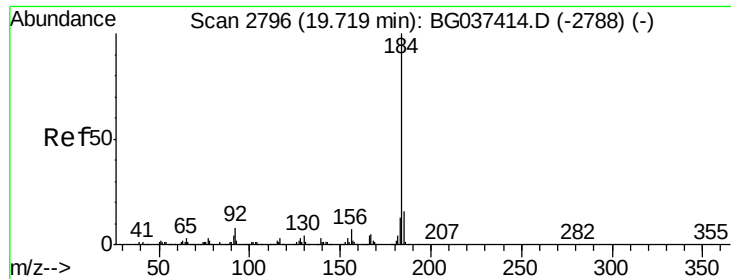
Acq: 7 Nov 2018 1:53

Tgt	Ion	240	Resp:	284177
Ion	Ratio	Lower	Upper	
240	100			
120	10.6	8.1	12.1	
236	26.7	21.4	32.0	



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





#77

Benzidine

Concen: 11.653 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

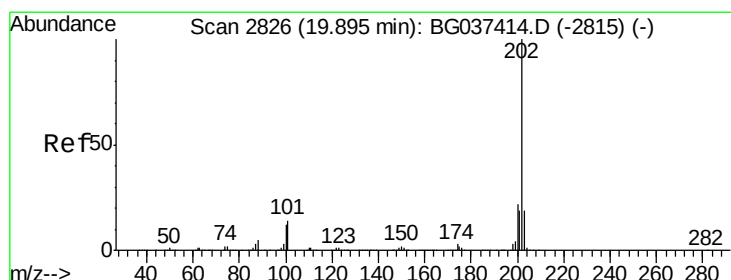
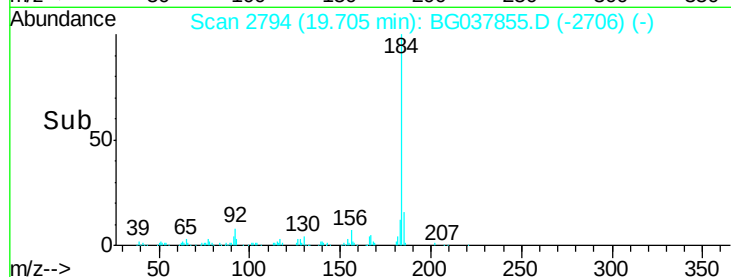
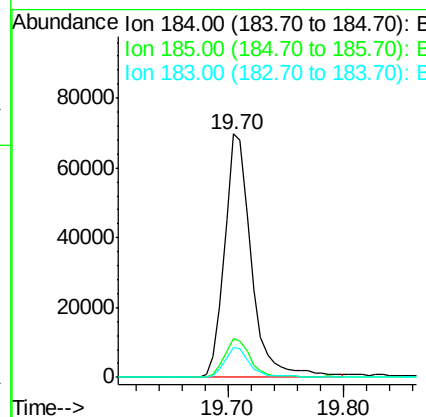
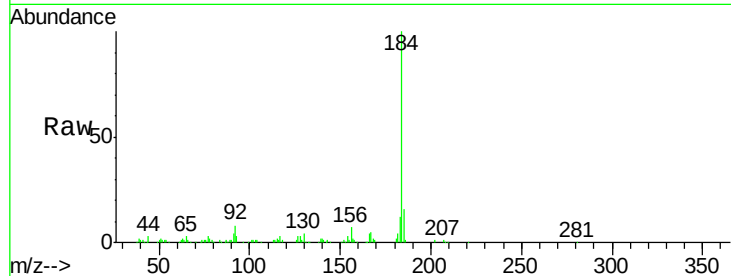
ClientSampleId :

PB114524BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	112604		
185	16.0		12.6	18.8
183	12.2		10.2	15.2

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#78

Pyrene

Concen: 43.028 ng

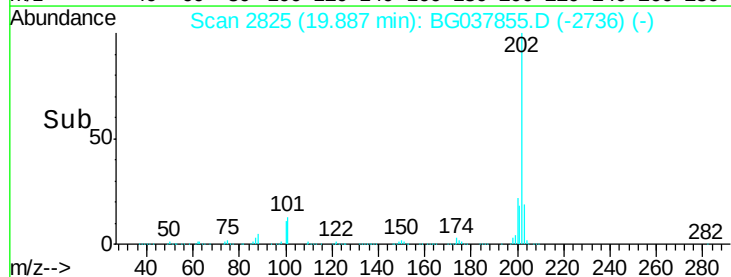
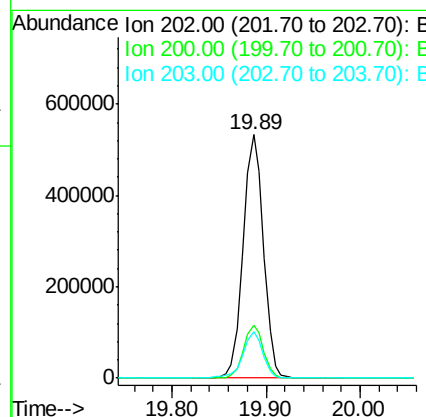
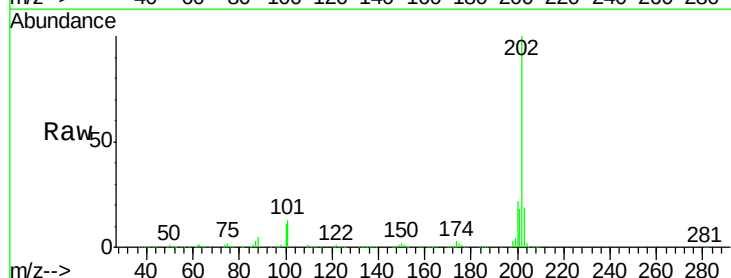
RT: 19.89 min Scan# 2825

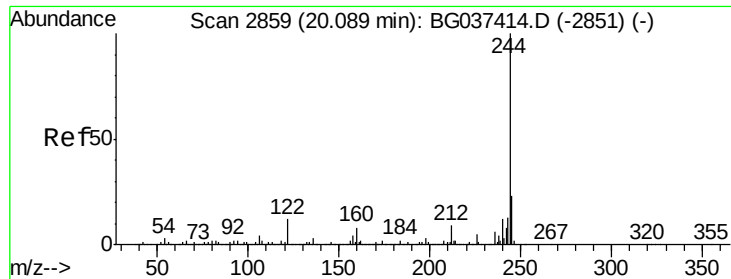
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	799338		
200	21.9		17.8	26.6
203	19.0		15.2	22.8





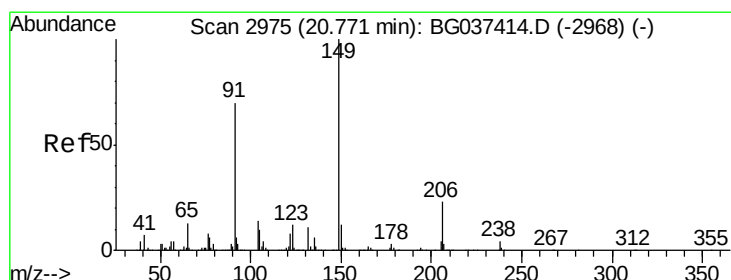
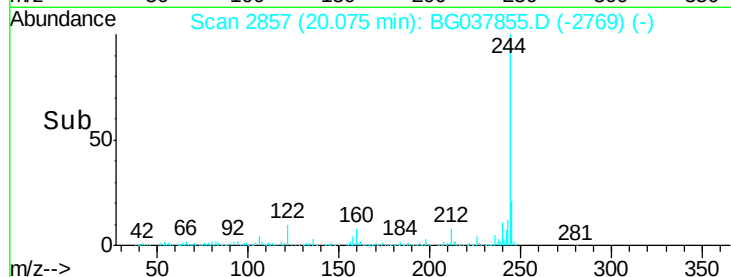
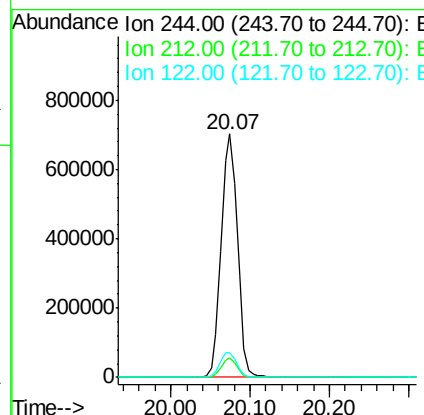
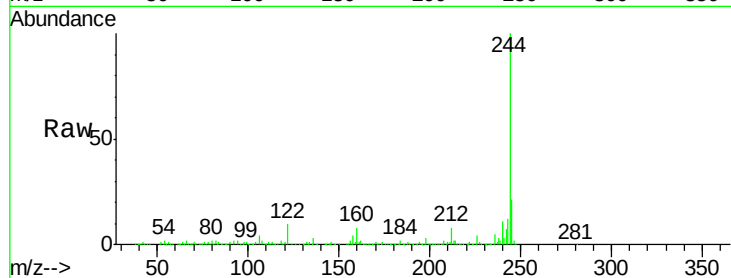
#79
 Terphenyl-d14
 Concen: 75.288 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114524BS

Tgt Ion:244 Resp: 1001289
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.3 9.0 13.4

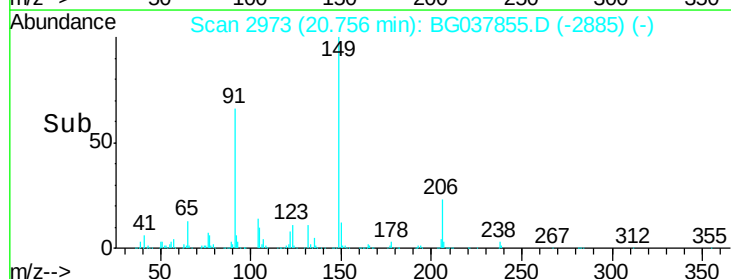
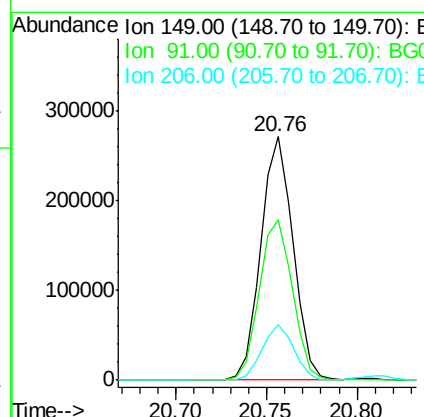
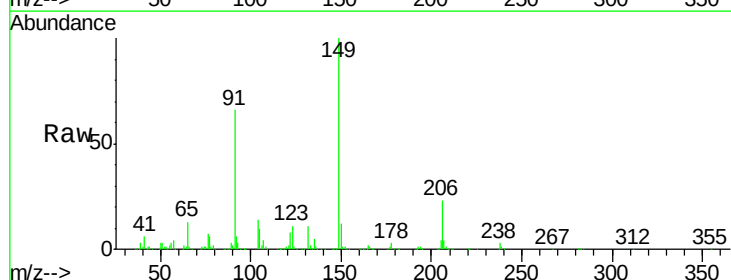
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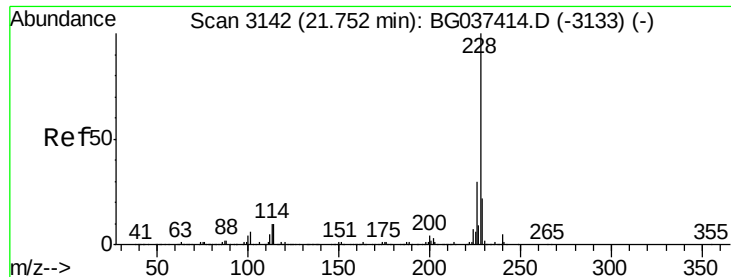
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#80
 Butylbenzylphthalate
 Concen: 44.125 ng
 RT: 20.76 min Scan# 2973
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion:149 Resp: 335475
 Ion Ratio Lower Upper
 149 100
 91 66.1 57.0 85.4
 206 23.0 17.8 26.6





#81

Benzo(a)anthracene

Concen: 44.109 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Instrument :

BNA_G

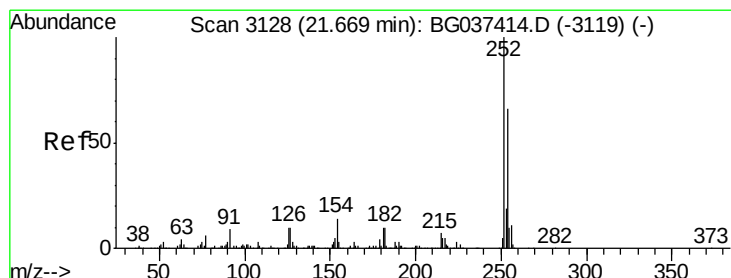
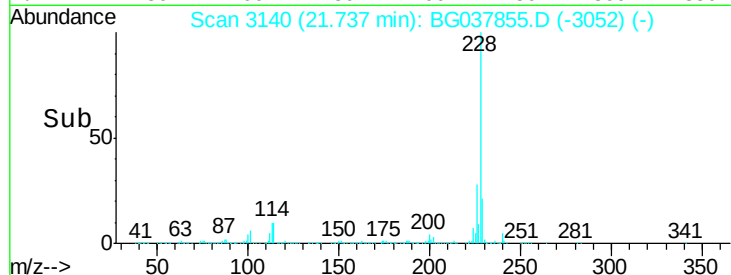
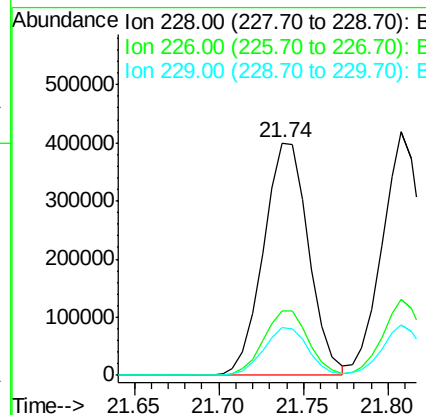
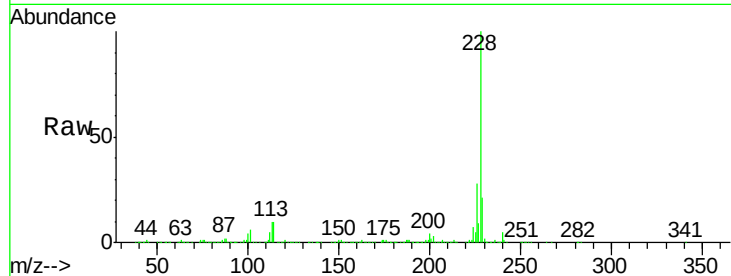
ClientSampleId :

PB114524BS

Tgt	Ion	Ratio	Lower	Upper
228	100			
226	27.8	22.6	33.8	
229	20.8	16.3	24.5	

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#82

3,3'-Dichlorobenzidine

Concen: 13.966 ng

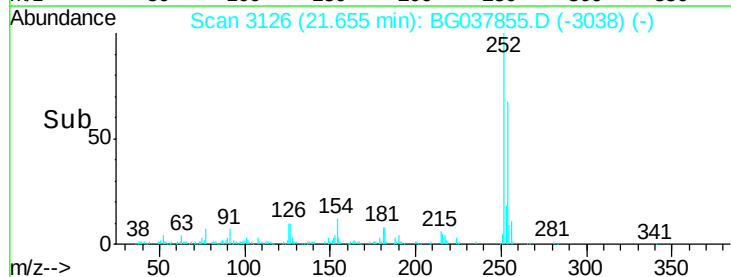
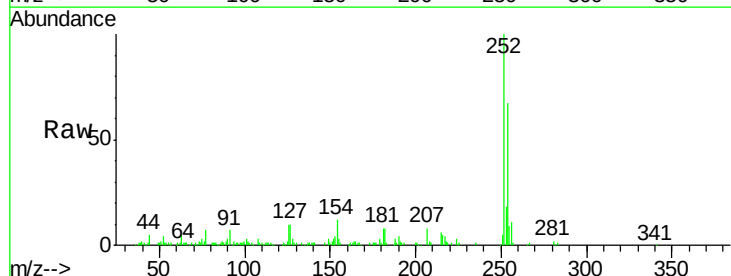
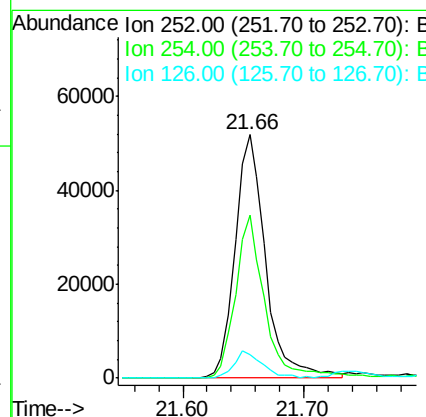
RT: 21.66 min Scan# 3126

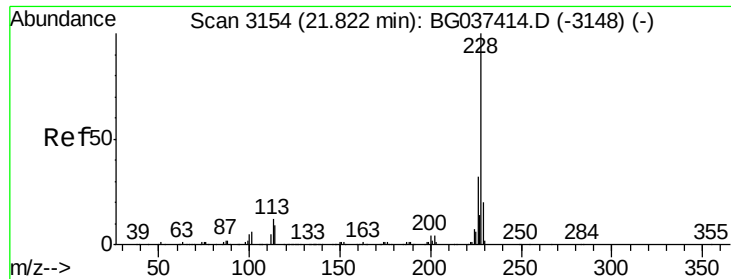
Delta R.T. -0.01 min

Lab File: BG037855.D

Acq: 7 Nov 2018 1:53

Tgt	Ion	Ratio	Lower	Upper
252	100			
254	67.1	52.0	78.0	
126	9.9	8.2	12.4	





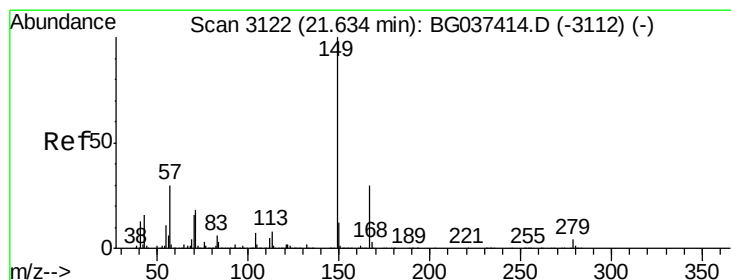
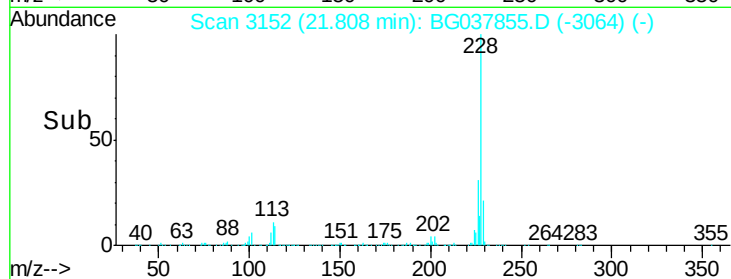
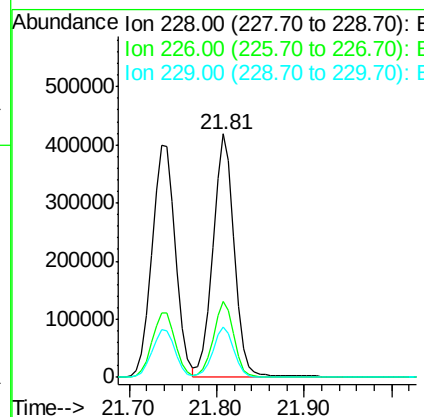
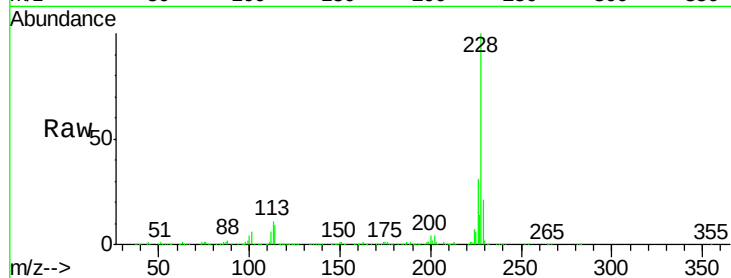
#83
Chrysene
 Concen: 43.602 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Instrument :
 BNA_G
 ClientSampled :
 PB114524BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.8	16.5	24.7

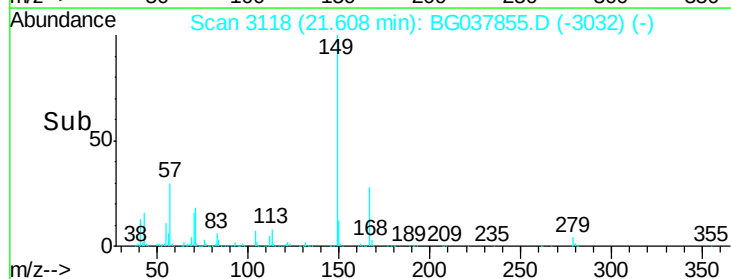
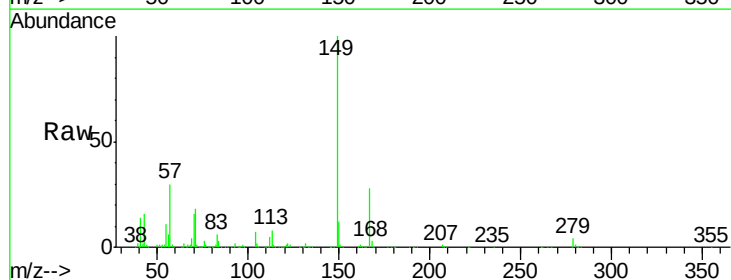
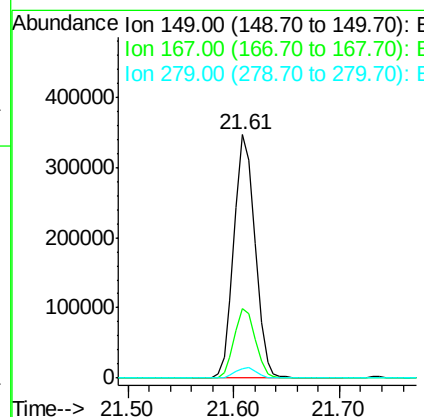
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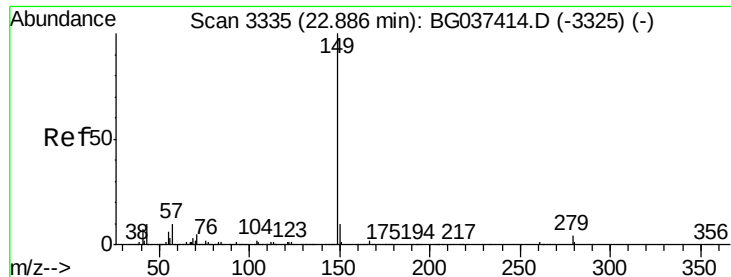
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 44.914 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.03 min
 Lab File: BG037855.D
 Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	4.1	3.6	5.4





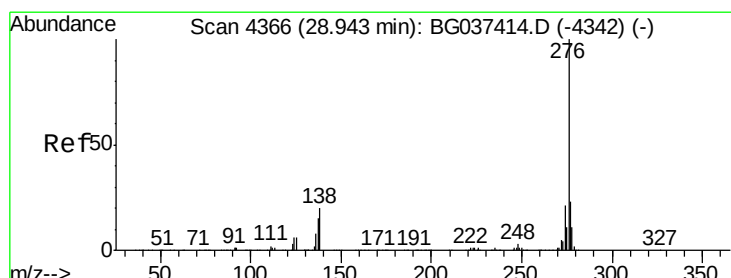
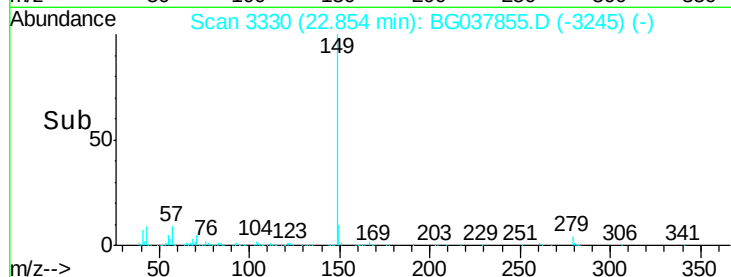
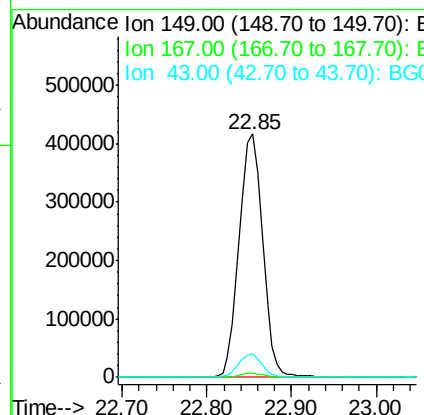
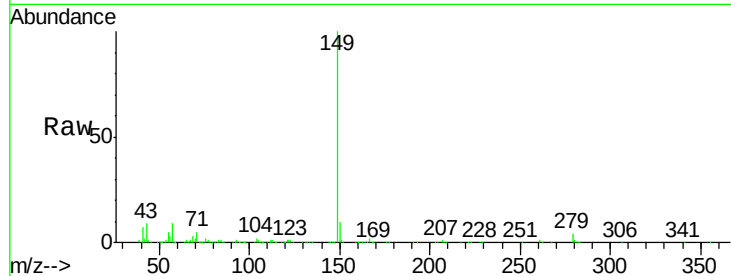
#85
Di-n-octyl phthalate
Concen: 46.291 ng
RT: 22.85 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	9.5	8.7	13.1

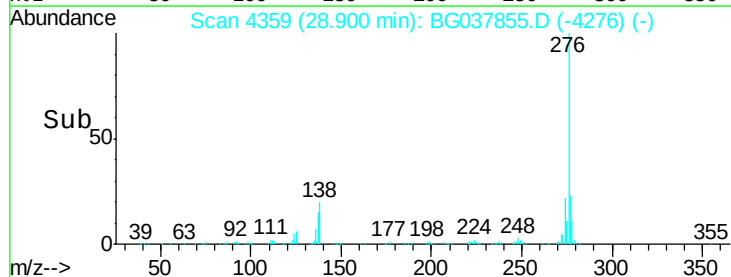
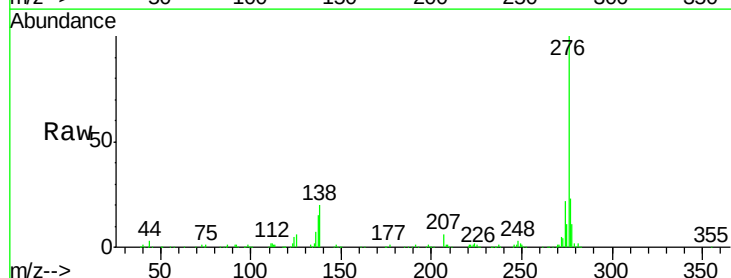
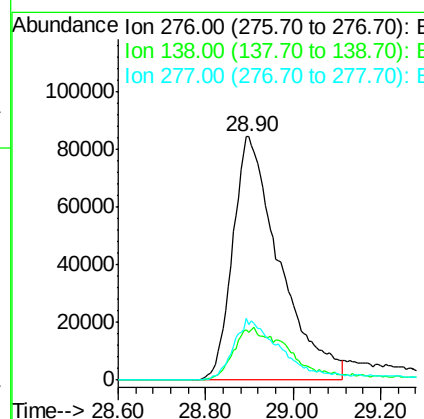
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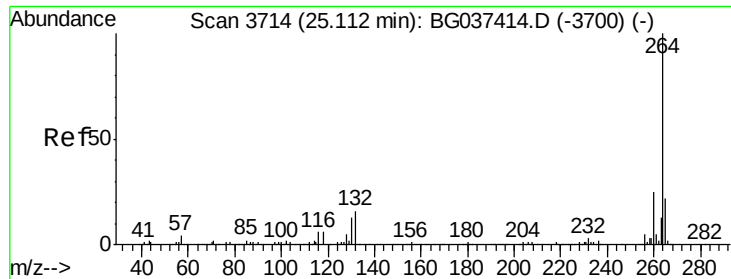
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.528 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.5	12.0	18.0
277	24.9	20.6	30.8





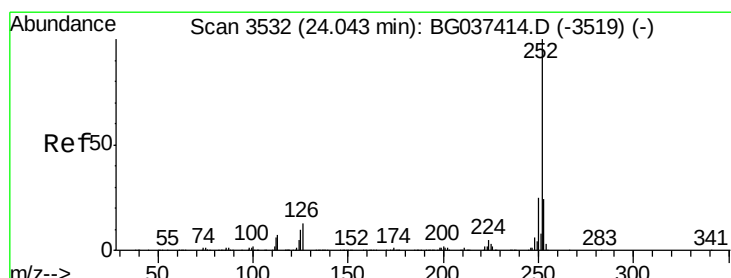
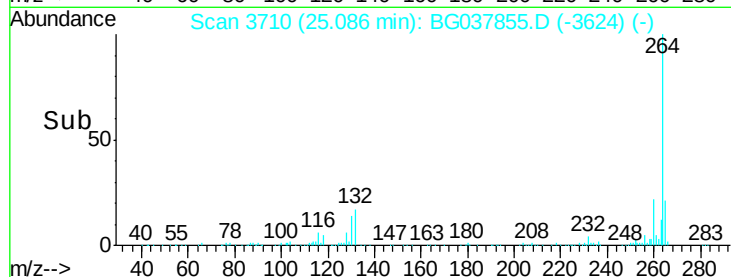
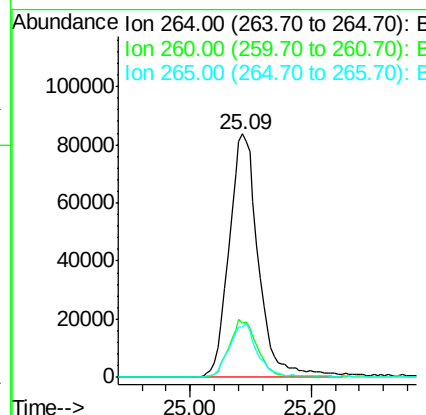
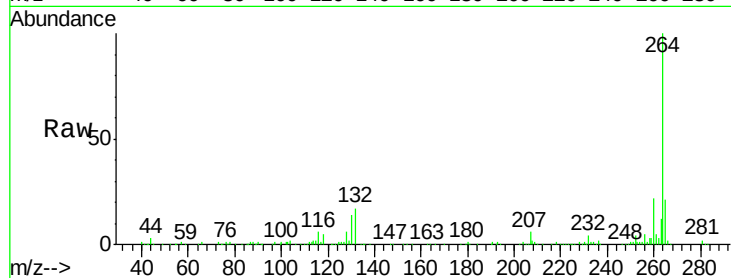
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampled :
PB114524BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.0	18.2	27.4
265	20.9	17.9	26.9

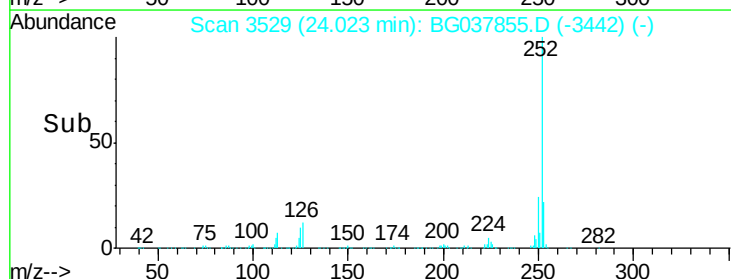
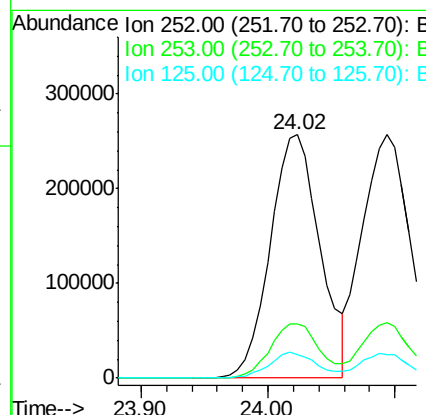
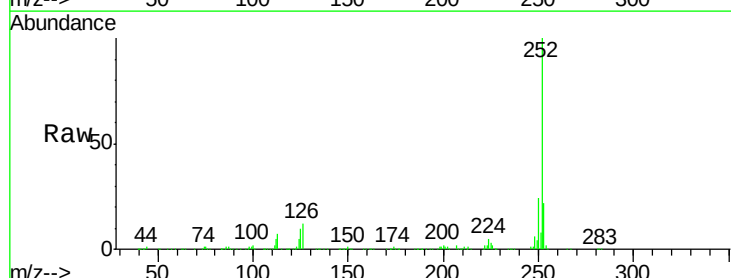
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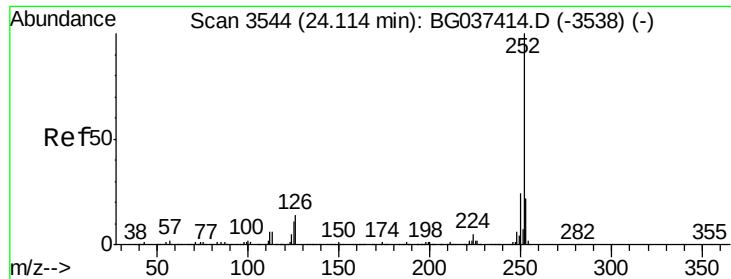
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#88
Benzo(b)fluoranthene
Concen: 45.125 ng
RT: 24.02 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	18.2	27.2
125	9.8	7.8	11.6





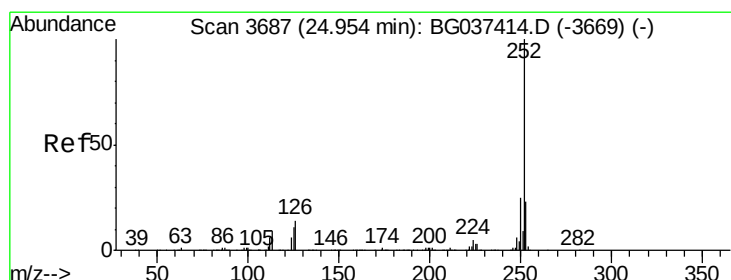
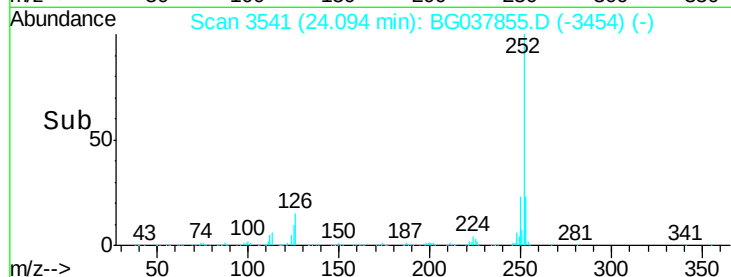
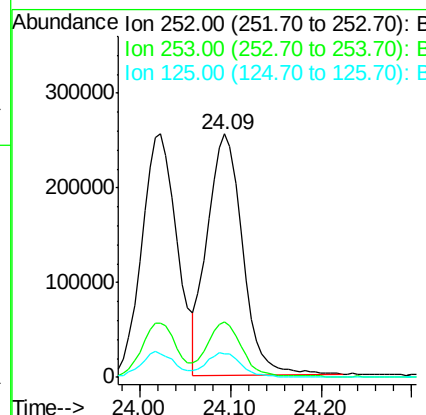
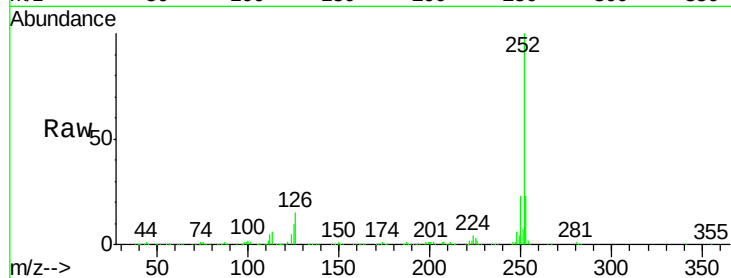
#89
Benzo(k)fluoranthene
Concen: 45.271 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.6	7.4	11.0

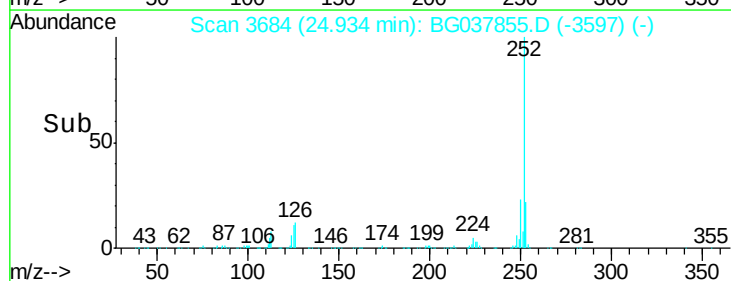
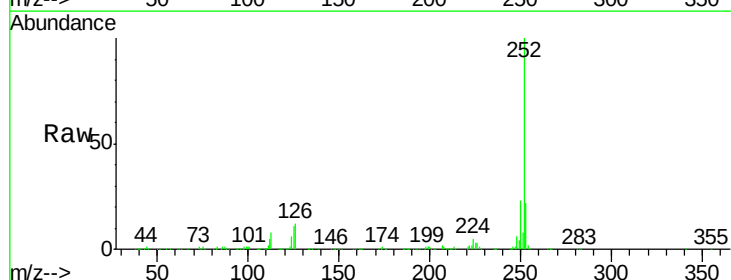
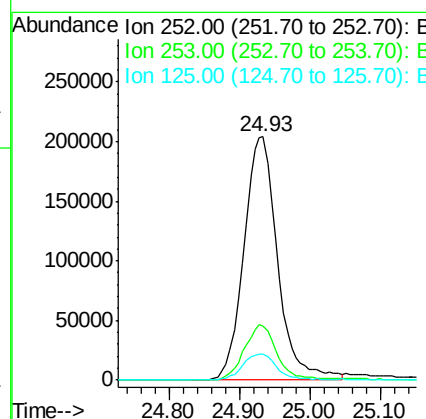
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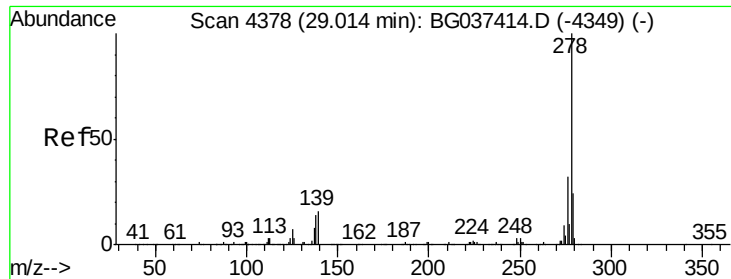
Sohil
11/7/2018 4:07:56 PM



#90
Benzo(a)pyrene
Concen: 45.533 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.7	9.0	13.6





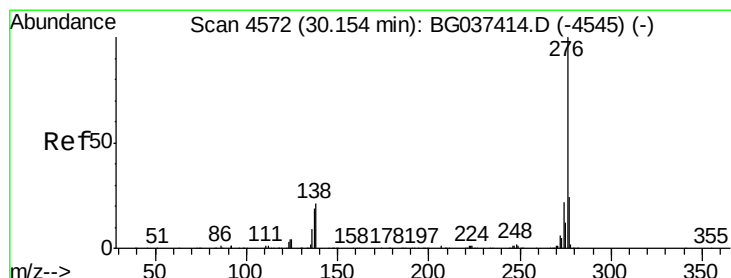
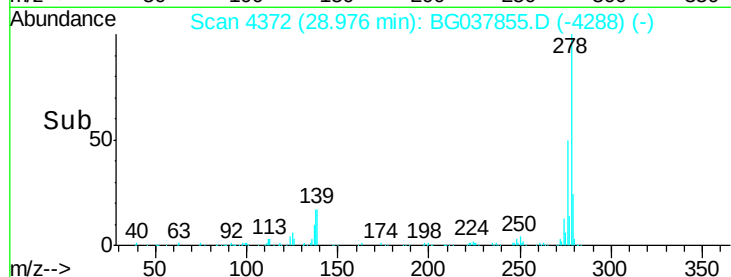
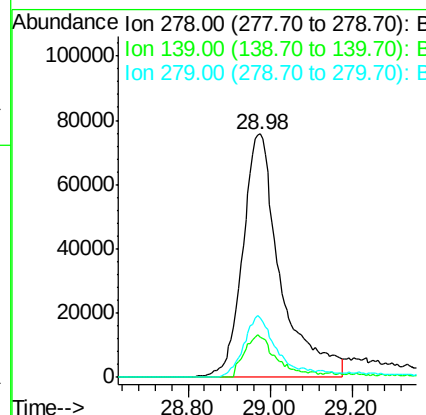
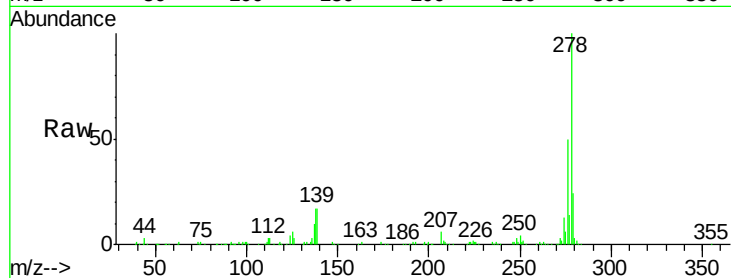
#91
Dibenzo(a,h)anthracene
Concen: 35.570 ng
RT: 28.98 min Scan# 4372
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PB114524BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	24.4	18.6	27.8

Manual Integrations
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11/7/2018 4:07:56 PM



#92
Benzo(g,h,i)perylene
Concen: 37.433 ng
RT: 30.11 min Scan# 4565
Delta R.T. -0.04 min
Lab File: BG037855.D
Acq: 7 Nov 2018 1:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.0	17.2	25.8

