

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037472.D
 Acq On : 20 Oct 2018 4:59
 Operator : JU/SJ
 Sample : PB113548BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:41 PM

Quant Time: Oct 20 06:43:55 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	8.11	152	54004	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	233296	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	155161	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	388097	20.00	ng	0.00
76) Chrysene-d12	21.77	240	352372	20.00	ng	0.00
87) Perylene-d12	25.11	264	371947	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	316318	97.93	ng	0.00
7) Phenol-d6	7.25	99	450371	92.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	370068	88.86	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	159276	94.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	877270	85.26	ng	0.00
79) Terphenyl-d14	20.09	244	1409780	85.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	44136	26.943	ng	97
3) Pyridine	3.93	79	133257	32.275	ng	96
4) n-Nitrosodimethylamine	3.85	42	62795	42.700	ng	# 93
6) Aniline	7.43	93	203135	34.090	ng	96
8) 2-Chlorophenol	7.67	128	165776	43.870	ng	100
9) Benzaldehyde	7.25	77	60952	19.949	ng	91
10) Phenol	7.28	94	225477	43.751	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	147857	37.775	ng	96
12) 1,3-Dichlorobenzene	7.99	146	157067	37.336	ng	96
13) 1,4-Dichlorobenzene	8.14	146	158850	36.914	ng	99
14) 1,2-Dichlorobenzene	8.46	146	154478	37.318	ng	96
15) Benzyl Alcohol	8.35	79	149243	41.352	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	268849	38.387	ng	97
17) 2-Methylphenol	8.54	107	151384	44.431	ng	98
18) Hexachloroethane	9.19	117	55973	38.153	ng	89
19) n-Nitroso-di-n-propylamine	8.91	70	125660	37.360	ng	93
20) 3+4-Methylphenols	8.87	107	210141	43.139	ng	99
22) Acetophenone	8.94	105	239307	40.900	ng	# 98
24) Nitrobenzene	9.33	77	182784	42.249	ng	96
25) Isophorone	9.85	82	354998	46.653	ng	98
26) 2-Nitrophenol	10.04	139	84234	43.219	ng	96
27) 2,4-Dimethylphenol	10.08	122	177254	50.937	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	221471	44.423	ng	99
29) 2,4-Dichlorophenol	10.57	162	179295	46.275	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	165406	39.257	ng	100
31) Naphthalene	10.98	128	500220	43.653	ng	99
32) Benzoic acid	10.20	122	119917m	53.055	ng	
33) 4-Chloroaniline	11.09	127	152857	28.391	ng	98
34) Hexachlorobutadiene	11.24	225	95836	38.377	ng	97
35) Caprolactam	11.87	113	67824m	43.647	ng	
36) 4-Chloro-3-methylphenol	12.19	107	197271	45.146	ng	98
37) 2-Methylnaphthalene	12.58	142	388458	46.505	ng	99
38) 1-Methylnaphthalene	12.79	142	366331	45.159	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	198179	39.598	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	239931	100.362	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	150275	44.944	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	165576	45.483	ng	96
46) 1,1'-Biphenyl	13.58	154	506172	39.391	ng	99
47) 2-Chloronaphthalene	13.62	162	391719	40.294	ng	99
48) 2-Nitroaniline	13.83	65	134892	45.756	ng	94
49) Acenaphthylene	14.47	152	667544	45.647	ng	99
50) Dimethylphthalate	14.19	163	534172	44.501	ng	100
51) 2,6-Dinitrotoluene	14.32	165	119589	45.036	ng	93
52) Acenaphthene	14.80	154	386661	42.932	ng	96
53) 3-Nitroaniline	14.65	138	106118	35.998	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	103702	84.705	ng	91
55) Dibenzofuran	15.14	168	627991	42.085	ng	100
56) 4-Nitrophenol	14.94	139	215069	98.564	ng	98
57) 2,4-Dinitrotoluene	15.10	165	171272	49.136	ng	96
58) Fluorene	15.79	166	512707	45.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147564	47.343	ng	99
60) Diethylphthalate	15.54	149	547645	44.439	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	265674	40.790	ng	99
62) 4-Nitroaniline	15.81	138	136980	46.763	ng	93
63) Azobenzene	16.07	77	517911	44.047	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84535	42.659	ng	94
66) n-Nitrosodiphenylamine	15.99	169	474529	40.648	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	171911	40.336	ng	98
68) Hexachlorobenzene	16.78	284	171558	38.839	ng	99
69) Atrazine	16.93	200	185598	43.973	ng	99
70) Pentachlorophenol	17.12	266	219076	74.044	ng	98
71) Phenanthrene	17.53	178	865726	43.891	ng	99
72) Anthracene	17.62	178	878700	45.395	ng	98
73) Carbazole	17.89	167	818425	42.269	ng	100
74) Di-n-butylphthalate	18.43	149	971942	45.125	ng	100
75) Fluoranthene	19.53	202	1041848	46.571	ng	98
77) Benzidine	19.72	184	531952	44.398	ng	98
78) Pyrene	19.90	202	1031461	44.778	ng	100
80) Butylbenzylphthalate	20.77	149	435810	46.228	ng	95
81) Benzo(a)anthracene	21.75	228	963401	46.223	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	273443	33.847	ng	97
83) Chrysene	21.83	228	889369	44.376	ng	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	605018	45.785	ng	99
85) Di-n-octyl phthalate	22.88	149	1022379	47.446	ng	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	992114	46.154	ng	98
88) Benzo(b)fluoranthene	24.05	252	955870	46.876	ng	98
89) Benzo(k)fluoranthene	24.12	252	894440	44.771	ng	97
90) Benzo(a)pyrene	24.95	252	899353	46.414	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	808877	45.256	ng	98
92) Benzo(g,h,i)perylene	30.15	276	821685	45.440	ng	100

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

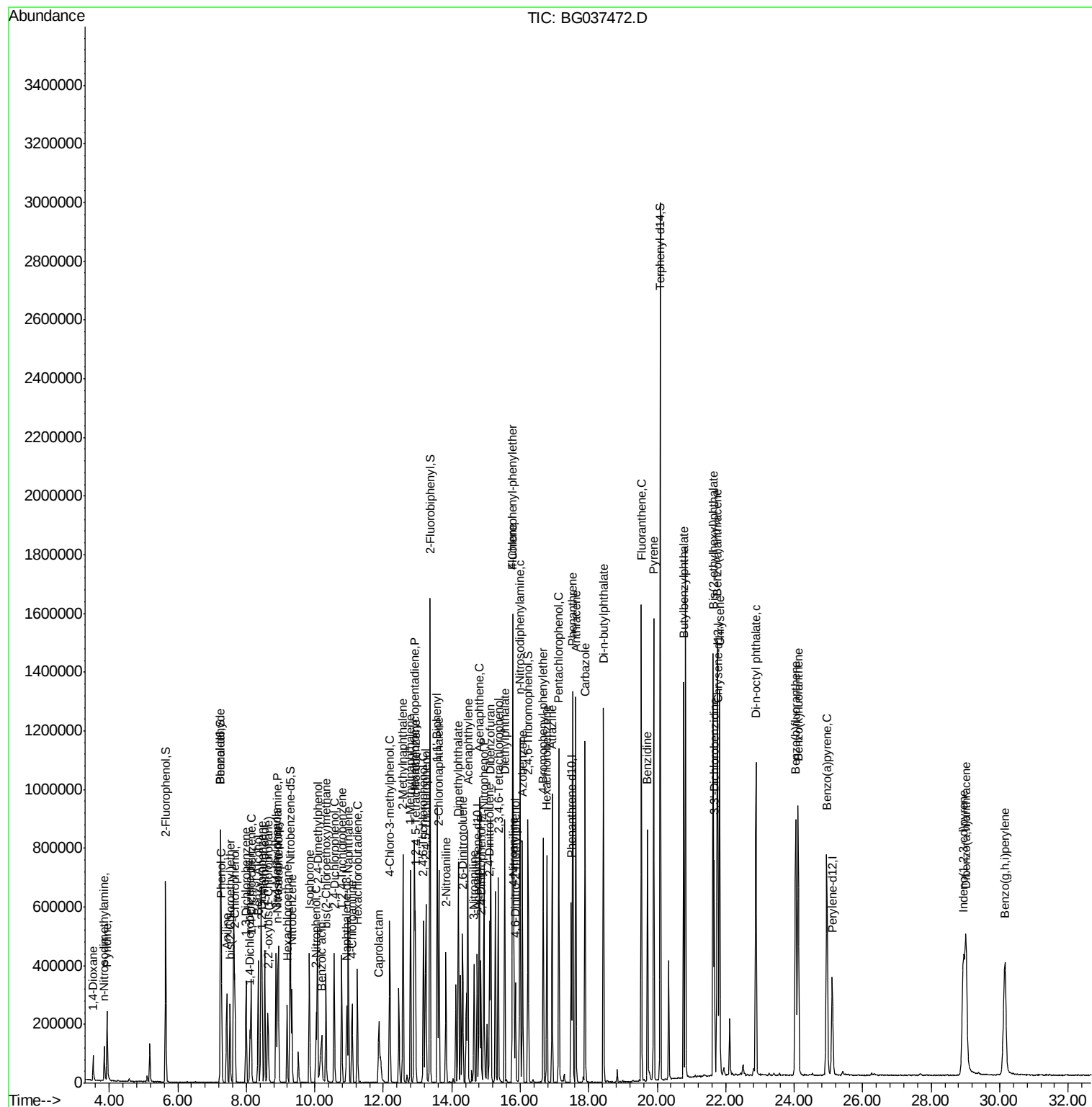
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
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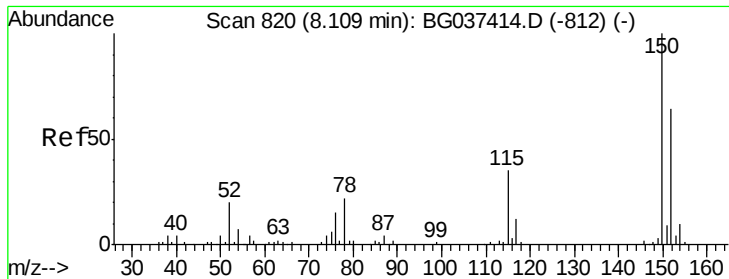
Instrument :
BNA_G
ClientSampleId :
PB113548BSD

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#1

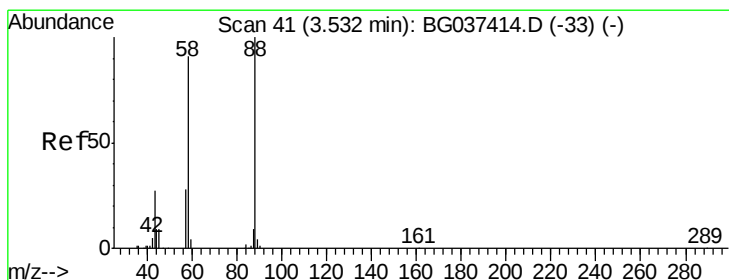
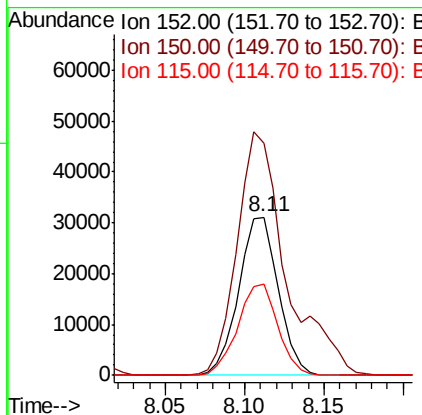
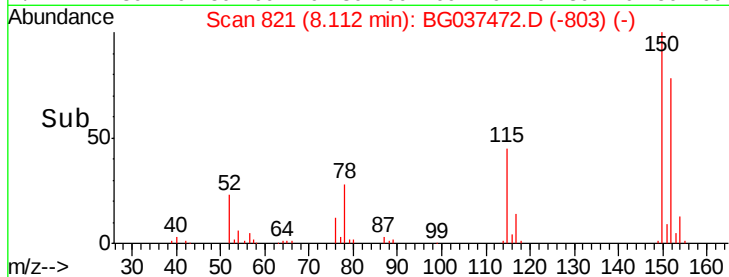
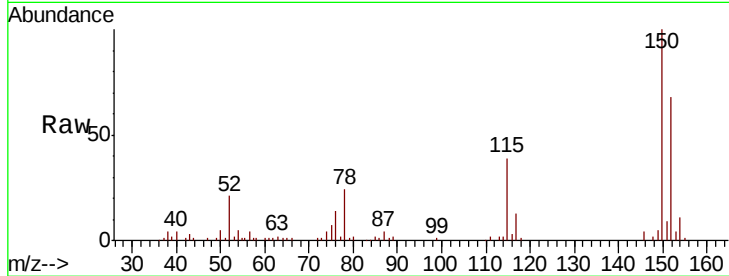
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.6	126.0	189.0
115	57.3	45.5	68.3

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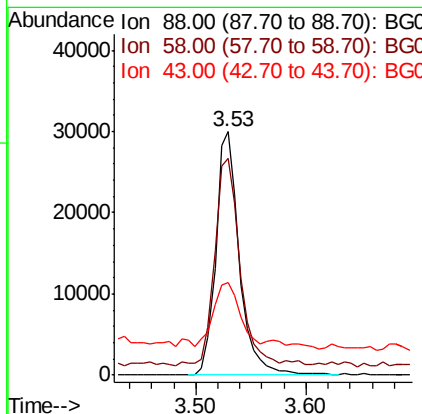
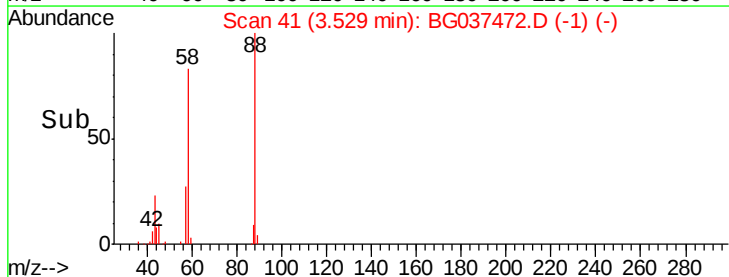
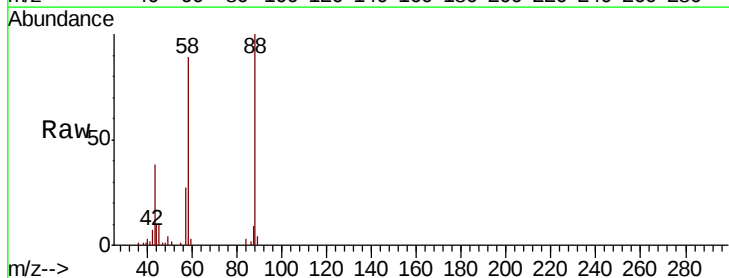
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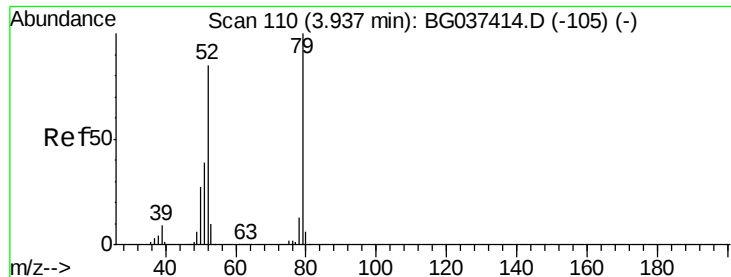


#2

1,4-Dioxane
Concen: 26.943 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	74.4	111.6
43	29.0	25.8	38.8





#3

Pyridine

Concen: 32.275 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

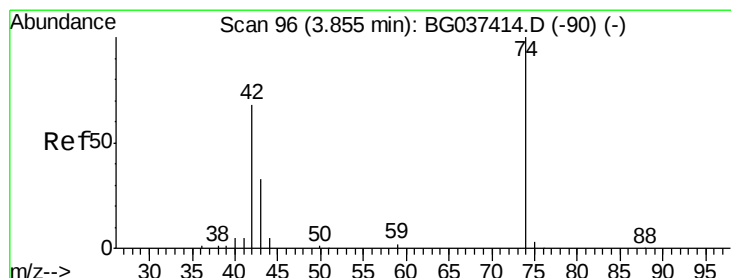
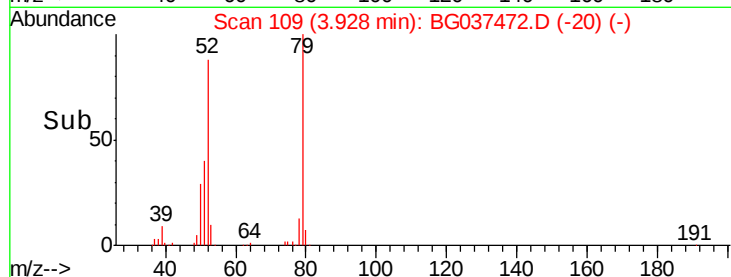
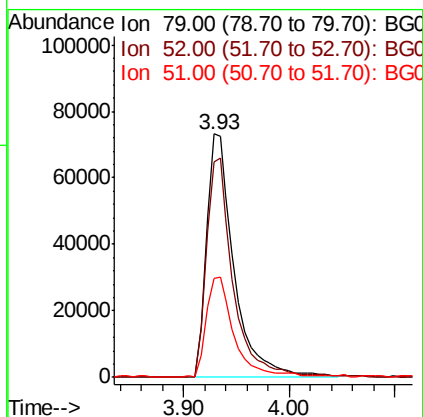
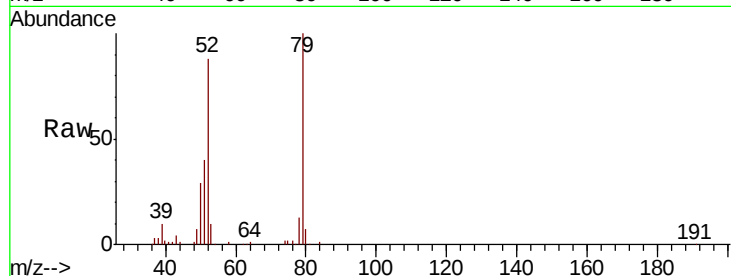
ClientSampleId :

PB113548BSD

Tgt Ion:	79	Resp:	133257
Ion Ratio	Lower	Upper	
79	100		
52	88.5	74.2	111.2
51	40.5	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 42.700 ng

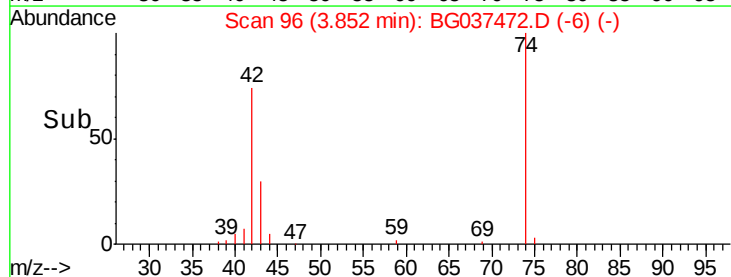
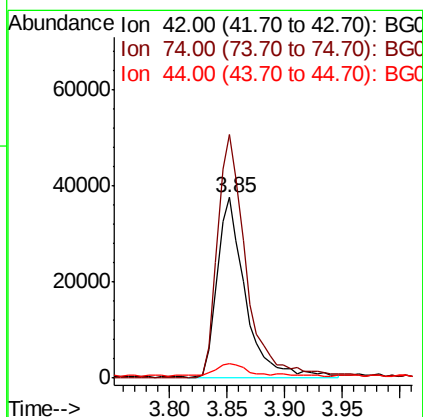
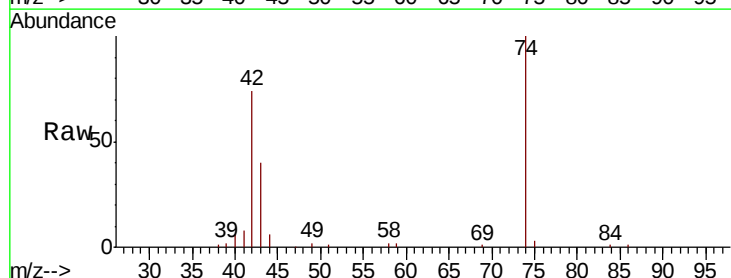
RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:	42	Resp:	62795
Ion Ratio	Lower	Upper	
42	100		
74	135.0	102.0	153.0
44	8.4	9.6	14.4#





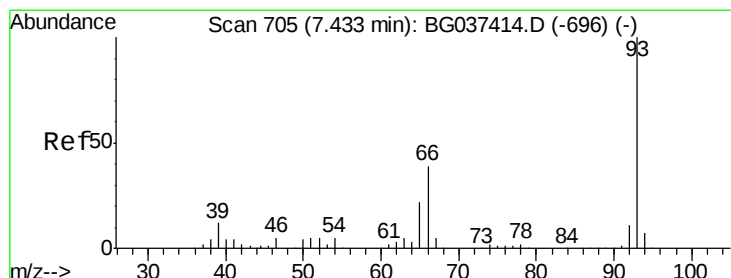
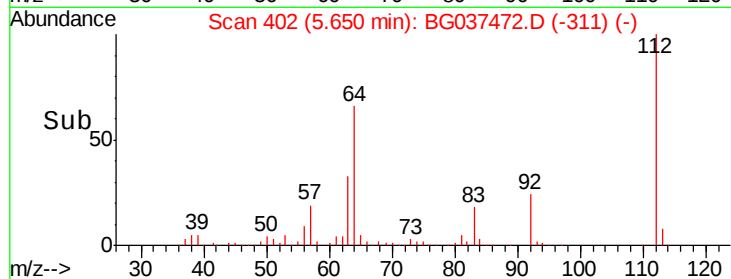
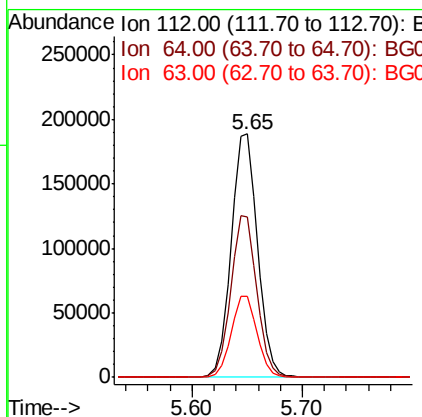
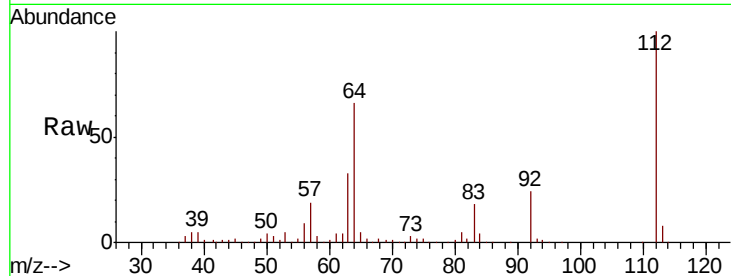
#5
2-Fluorophenol
Concen: 97.926 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	65.7	53.1	79.7
63	33.3	27.3	40.9

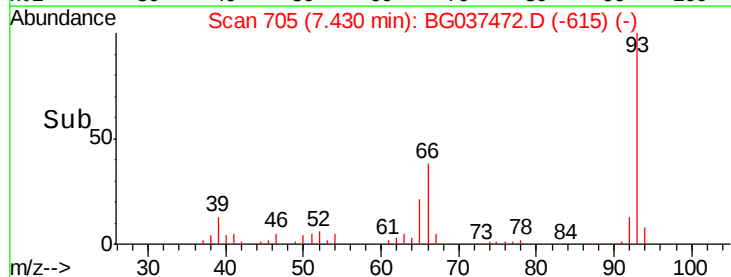
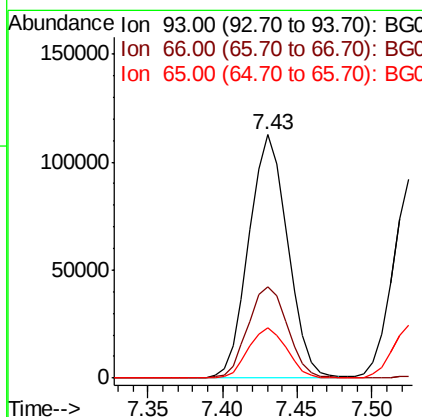
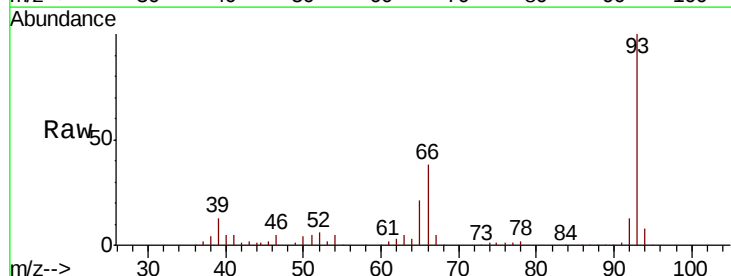
Manual Integrations
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#6
Aniline
Concen: 34.090 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.7	32.8	49.2
65	20.8	16.4	24.6





#7

Phenol-d6

Concen: 92.205 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion: 99 Resp: 450371

Ion Ratio Lower Upper

99 100

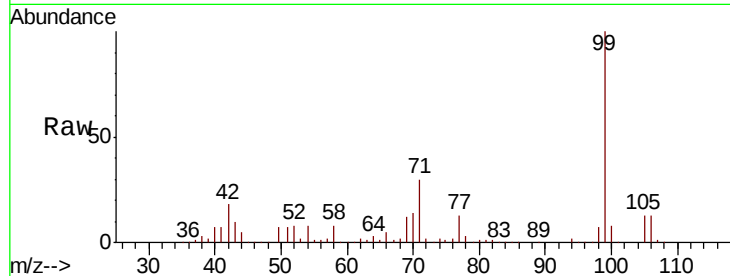
42 17.9 15.0 22.4

71 30.1 25.5 38.3

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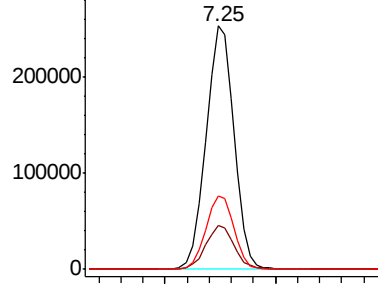
10/22/2018 3:39:41 PM



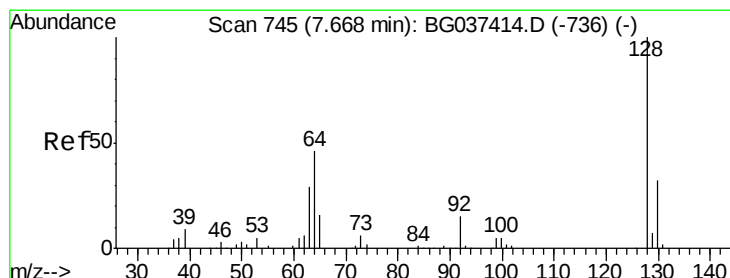
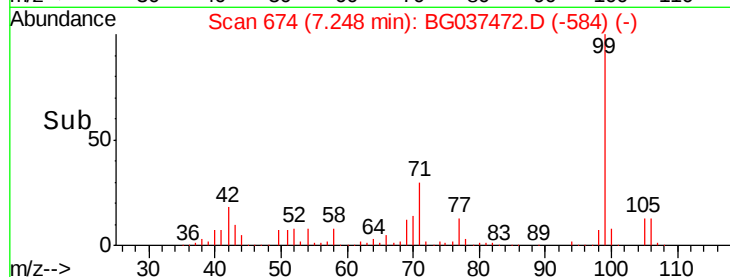
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 43.870 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

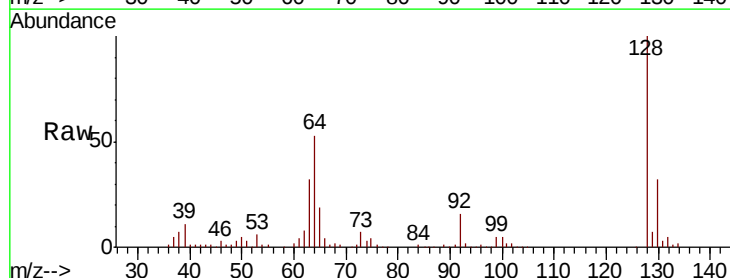
Tgt Ion: 128 Resp: 165776

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

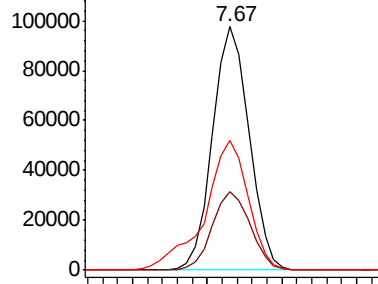
64 53.1 32.9 72.9



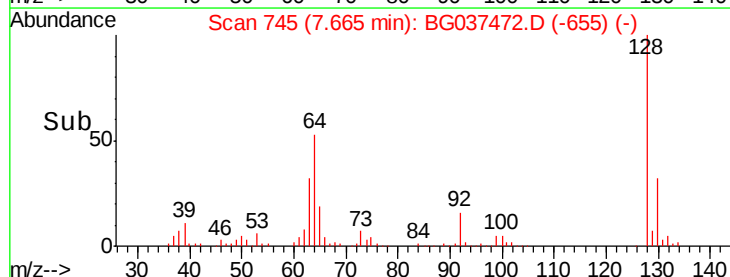
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 19.949 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

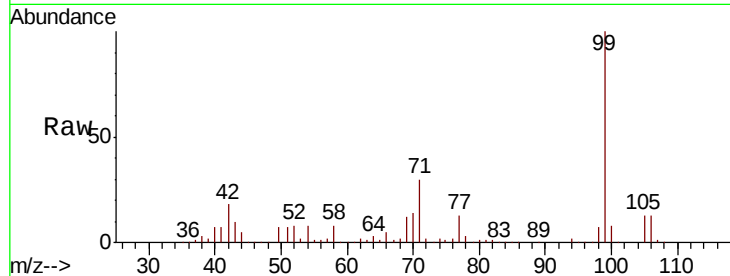
ClientSampleId :

PB113548BSD

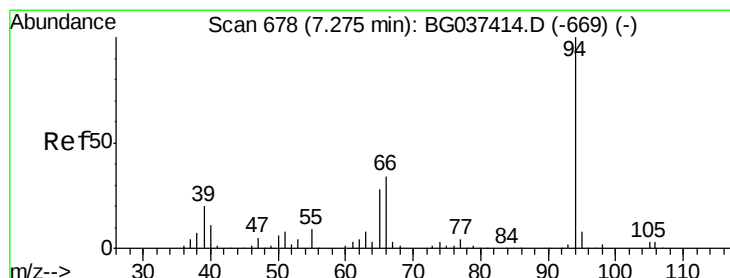
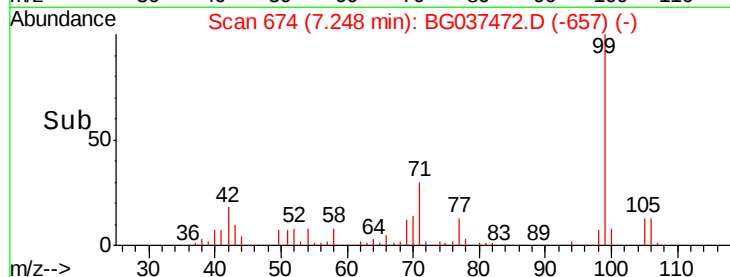
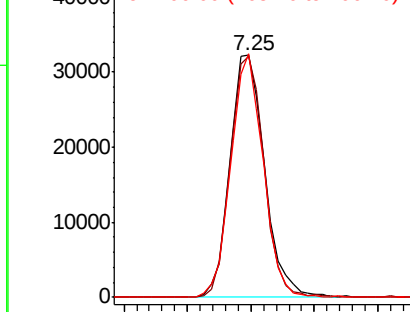
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	60952		
105	99.7	72.6	112.6	
106	100.7	71.3	111.3	

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



#10

Phenol

Concen: 43.751 ng

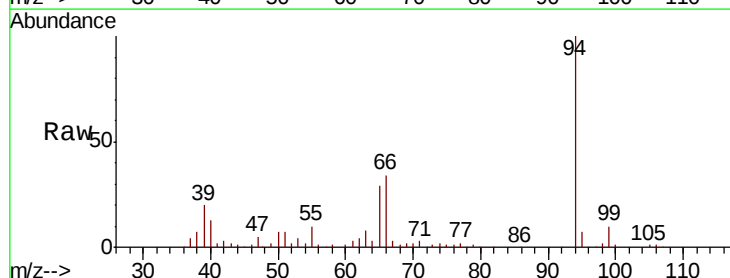
RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

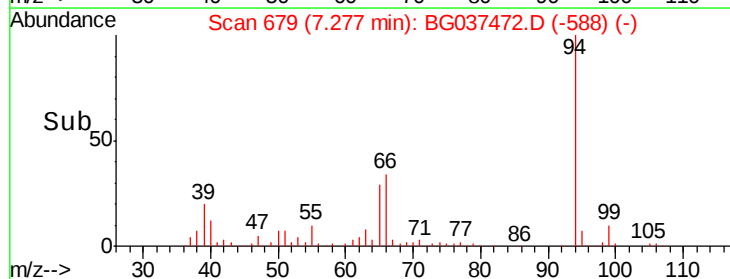
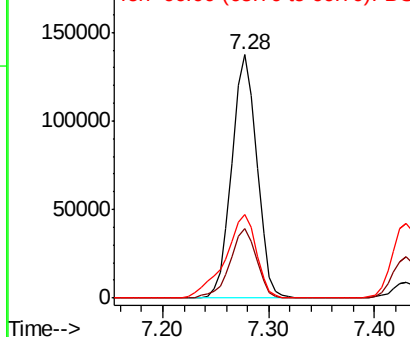
Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	225477		
65	28.8	9.7	49.7	
66	34.4	15.9	55.9	



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





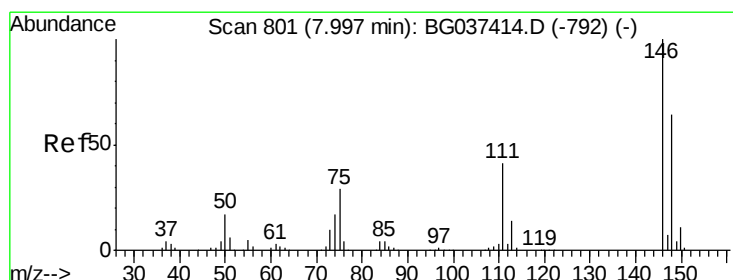
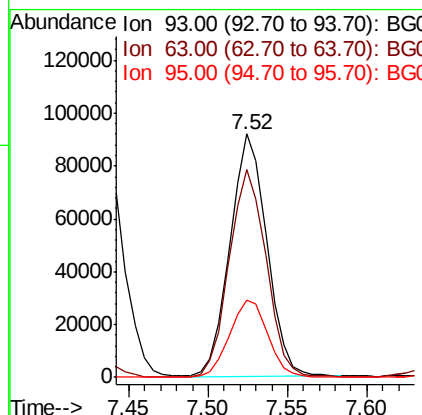
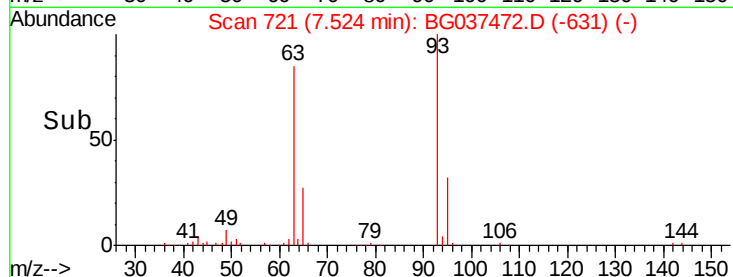
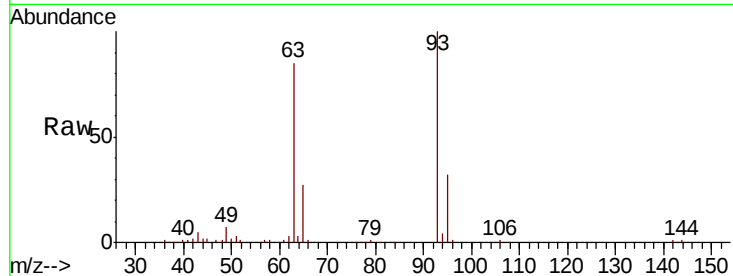
#11
bis(2-Chloroethyl)ether
Concen: 37.775 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.3	69.5	109.5
95	31.7	12.6	52.6

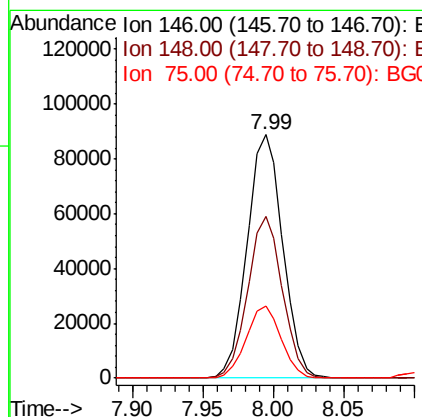
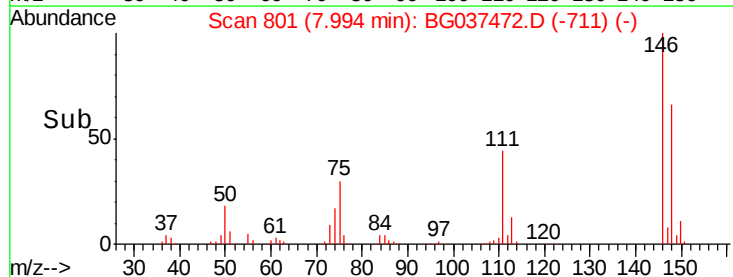
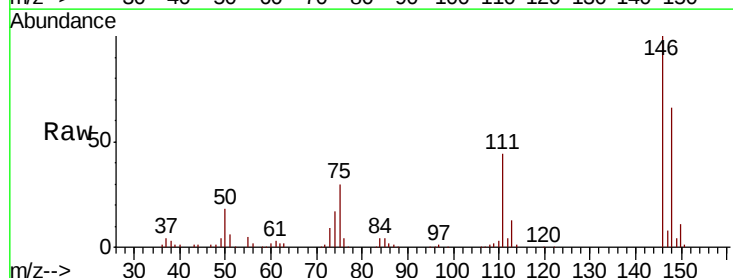
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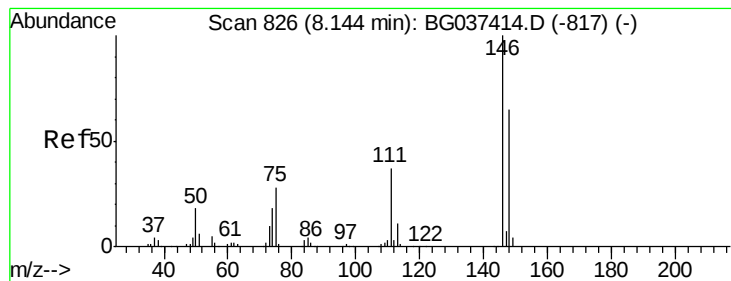
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.336 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	49.8	74.8
75	29.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 36.914 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

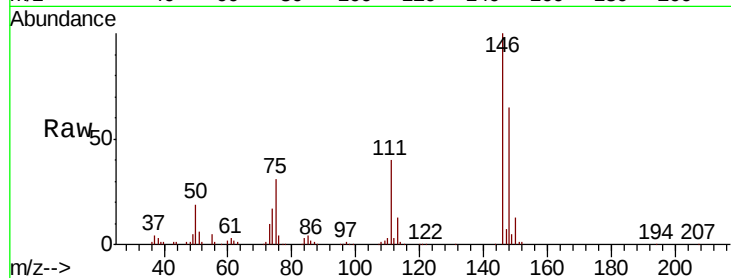
ClientSampleId :

PB113548BSD

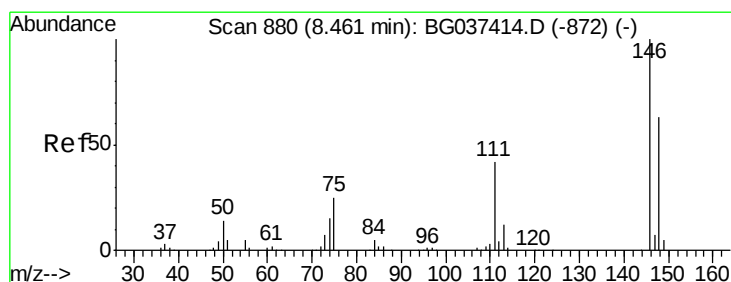
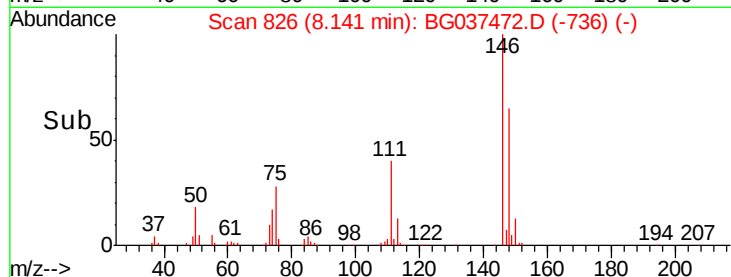
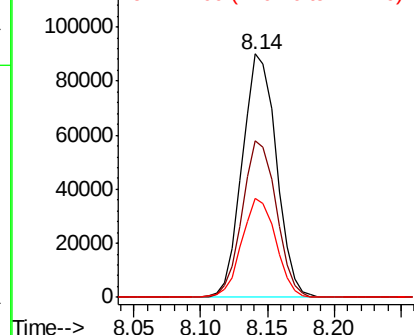
Tgt Ion:	146	Resp:	158850
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	40.4	32.4	48.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.318 ng

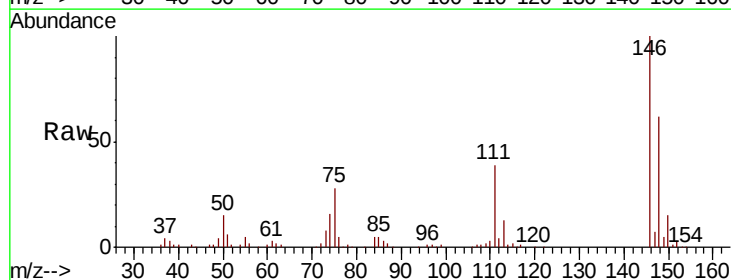
RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

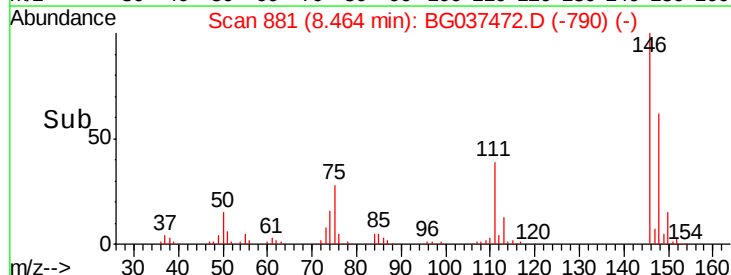
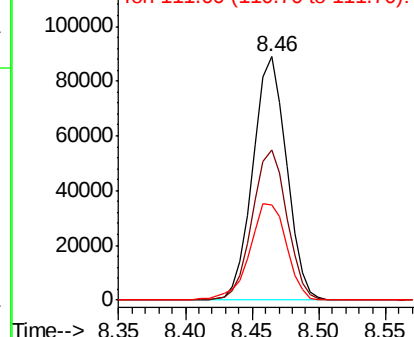
Lab File: BG037472.D

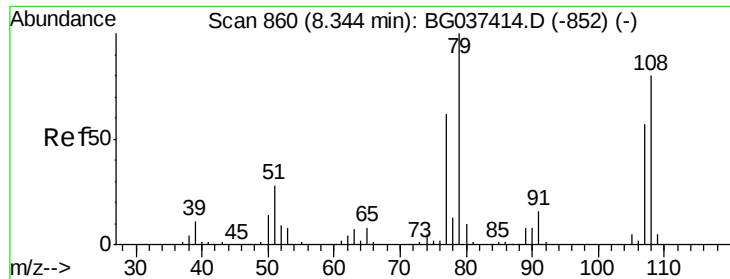
Acq: 20 Oct 2018 4:59

Tgt Ion:	146	Resp:	154478
Ion Ratio	Lower	Upper	
146	100		
148	61.6	50.4	75.6
111	38.8	34.6	51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.352 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

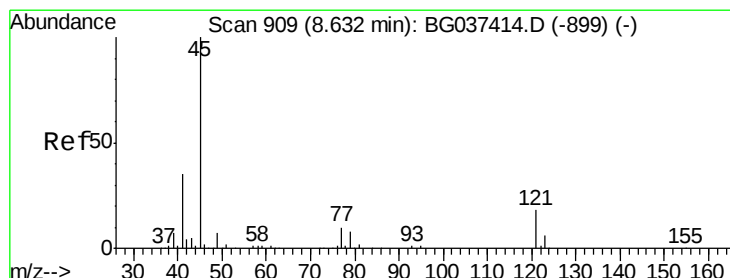
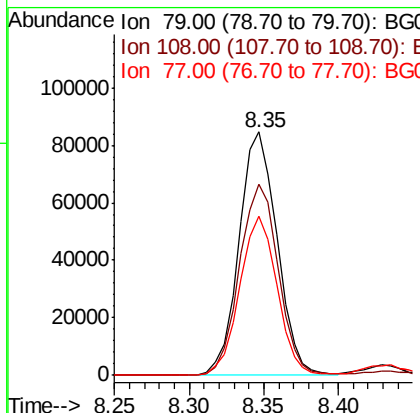
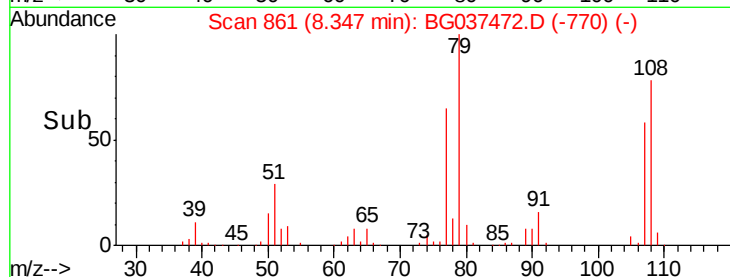
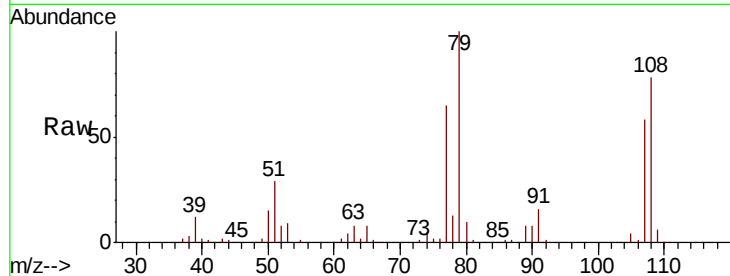
ClientSampleId :

PB113548BSD

Tgt Ion:	79	Resp:	149243
Ion Ratio	Lower	Upper	
79	100		
108	78.3	65.8	98.8
77	65.1	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.387 ng

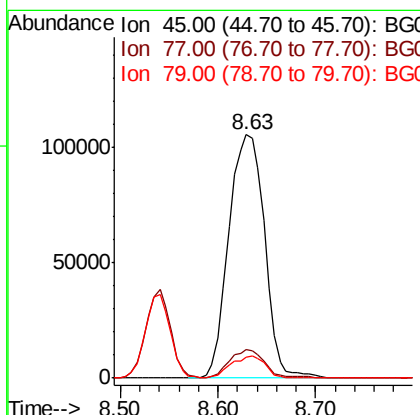
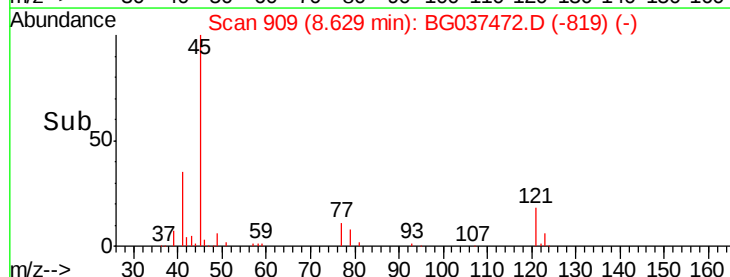
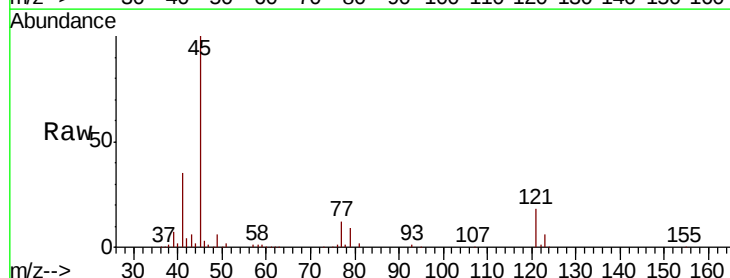
RT: 8.63 min Scan# 909

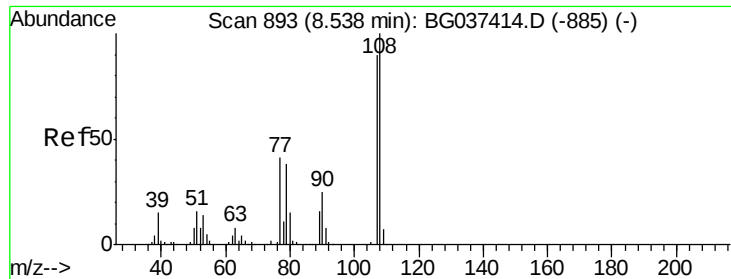
Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:	45	Resp:	268849
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	30.0
79	8.8	0.0	29.0





#17

2-Methylphenol

Concen: 44.431 ng

RT: 8.54 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG037472.D

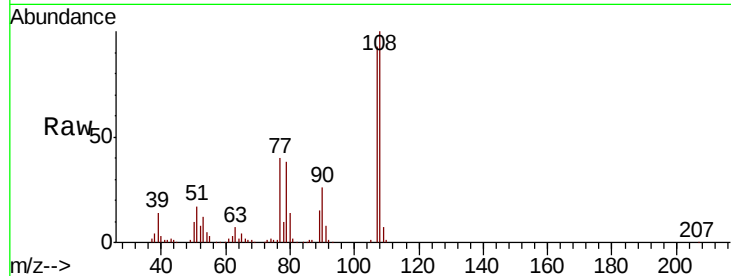
Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

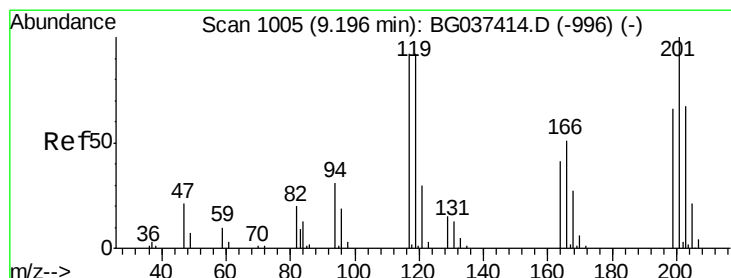
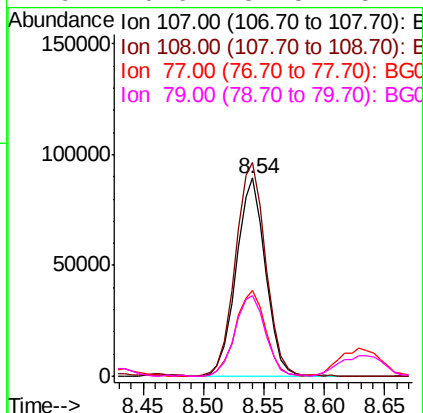
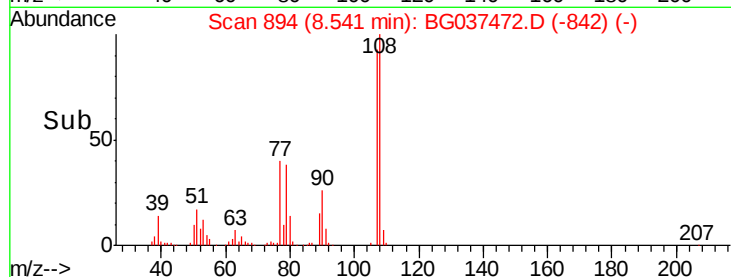
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Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	87.9	131.9	
77	43.3	35.1	52.7	
79	40.6	34.5	51.7	

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#18

Hexachloroethane

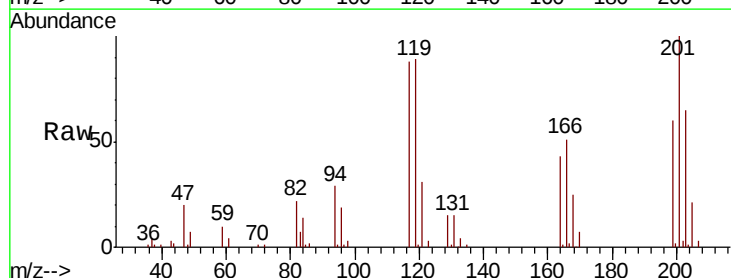
Concen: 38.153 ng

RT: 9.19 min Scan# 1005

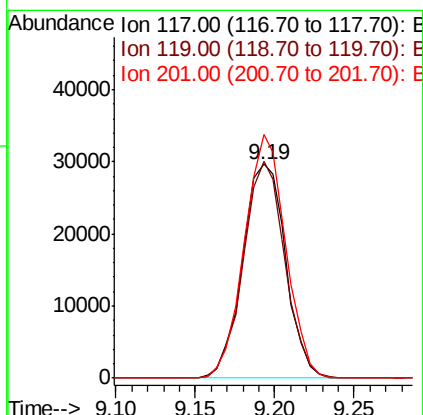
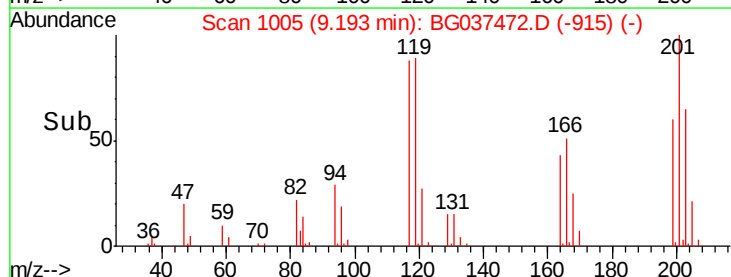
Delta R.T. -0.00 min

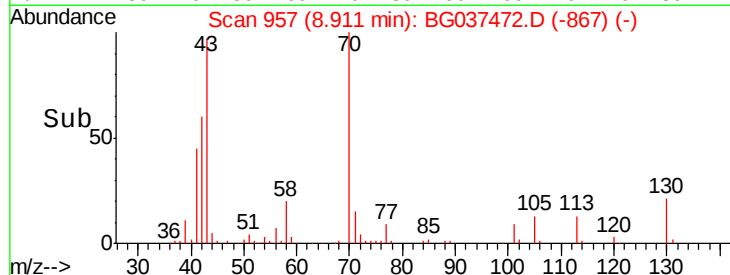
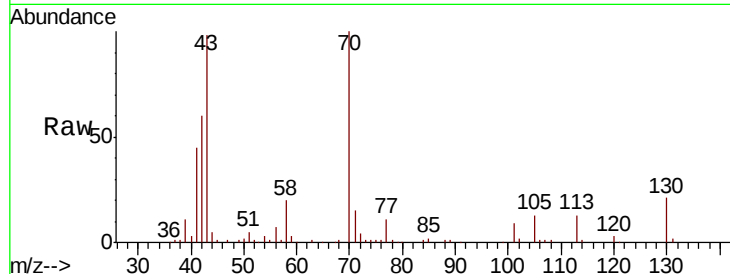
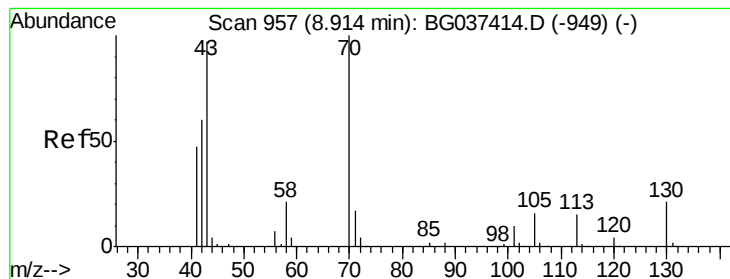
Lab File: BG037472.D

Acq: 20 Oct 2018 4:59



Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.6	74.6	111.8	
201	114.0	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 37.360 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	53.9	80.9	
101	9.2	8.2	12.2	
130	21.2	18.2	27.4	

Instrument :

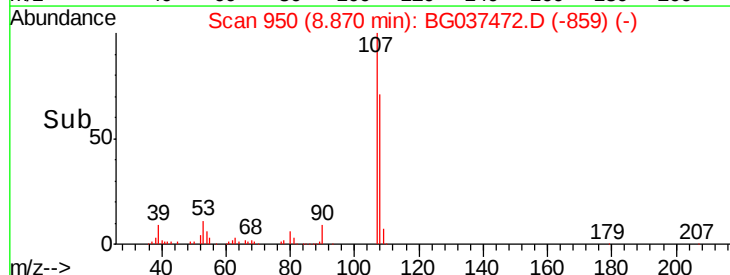
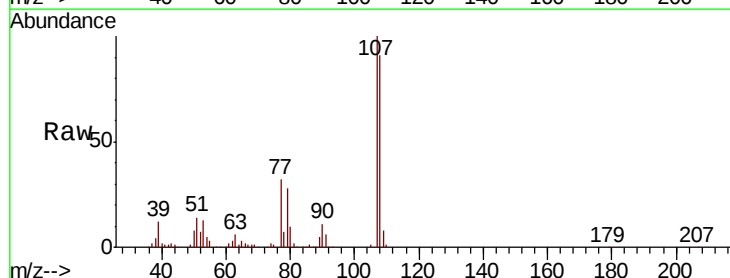
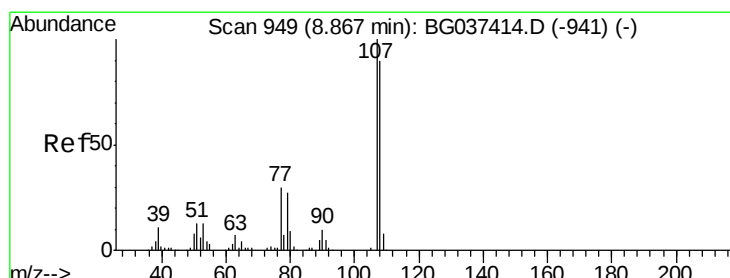
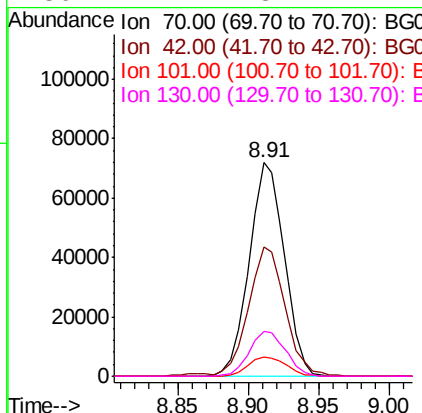
BNA_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 43.139 ng

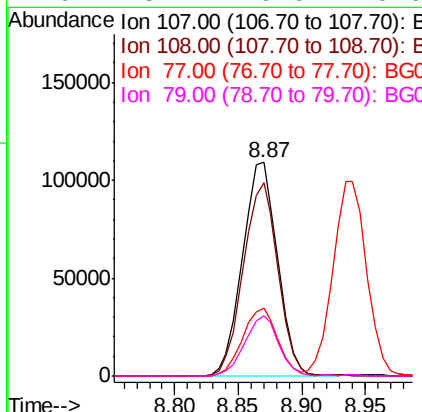
RT: 8.87 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	69.9	109.9	
77	31.7	11.2	51.2	
79	28.4	6.6	46.6	





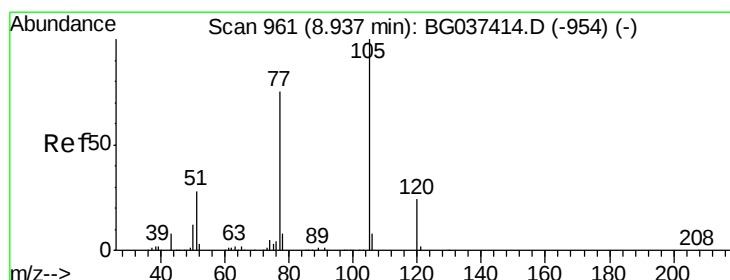
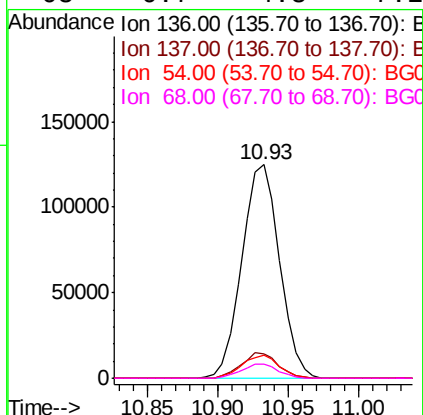
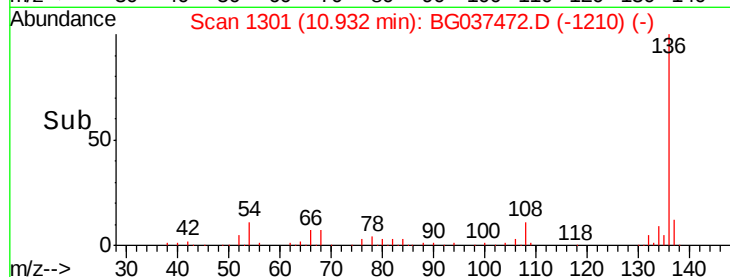
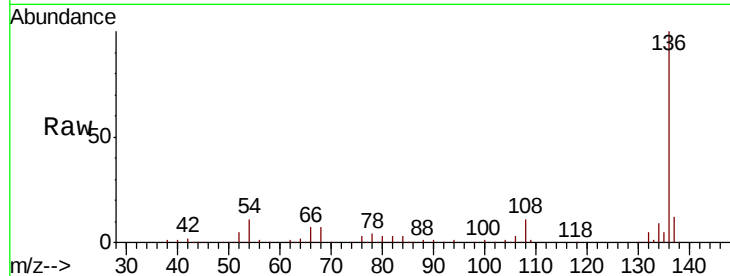
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	233296		
137	11.6	9.6	14.4	
54	10.6	7.9	11.9	
68	6.7	4.8	7.2	

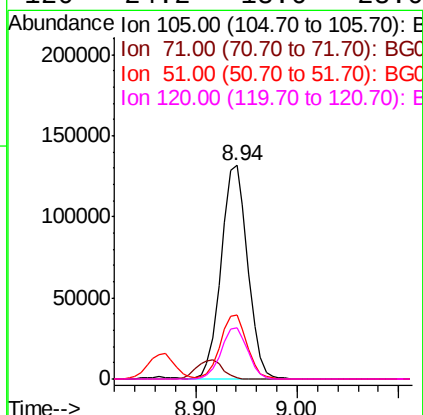
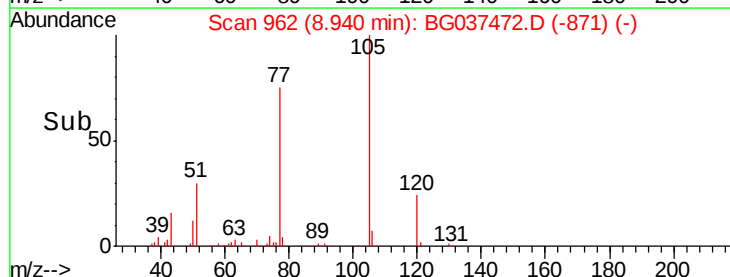
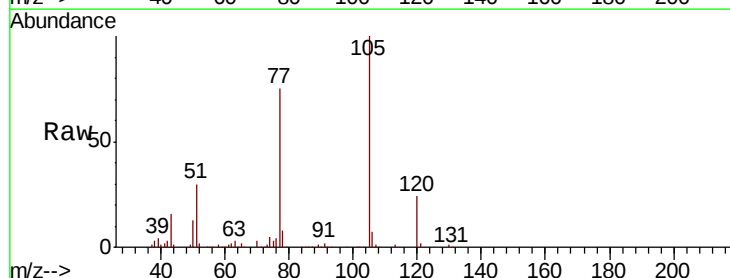
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#22
Acetophenone
Concen: 40.900 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239307		
71	0.5	1.2	1.8#	
51	30.2	25.0	37.6	
120	24.2	18.6	28.0	





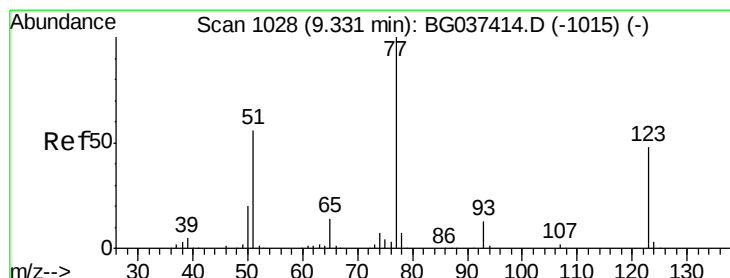
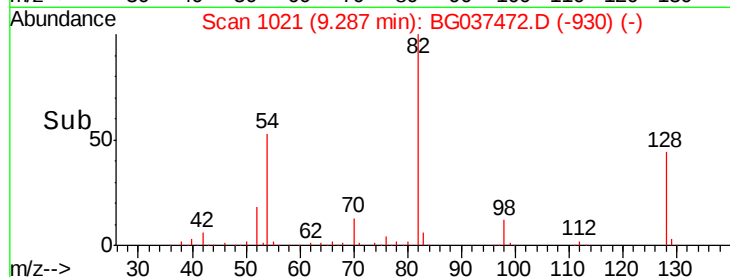
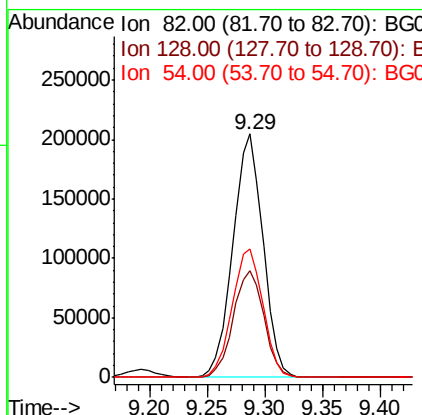
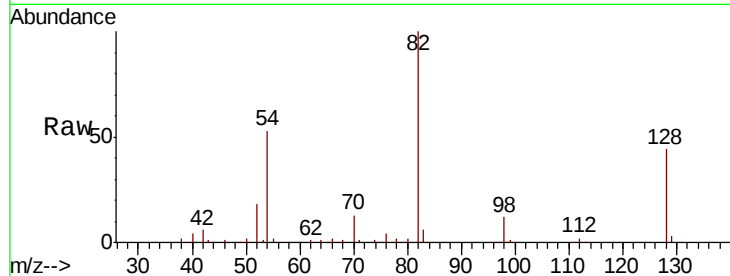
#23
 Nitrobenzene-d5
 Concen: 88.861 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	370068		
128	43.7	34.6	51.8	
54	53.0	45.3	67.9	

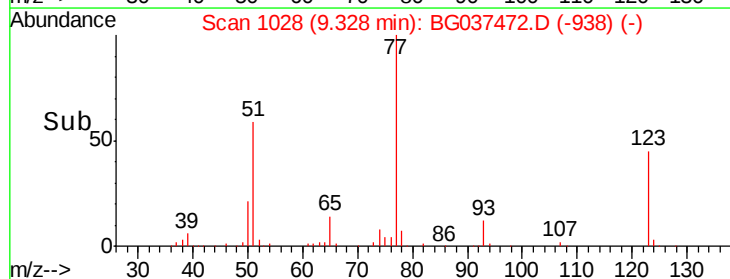
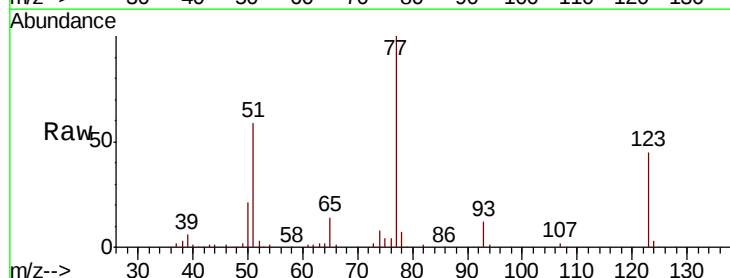
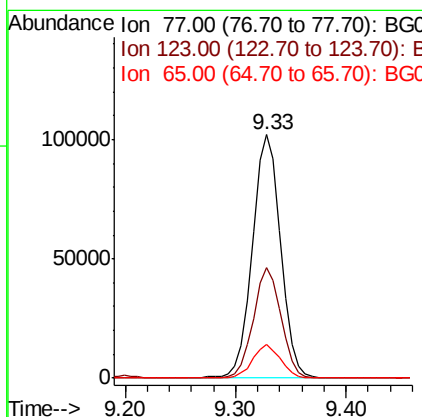
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#24
 Nitrobenzene
 Concen: 42.249 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	182784		
123	45.4	33.6	50.4	
65	13.9	11.3	16.9	





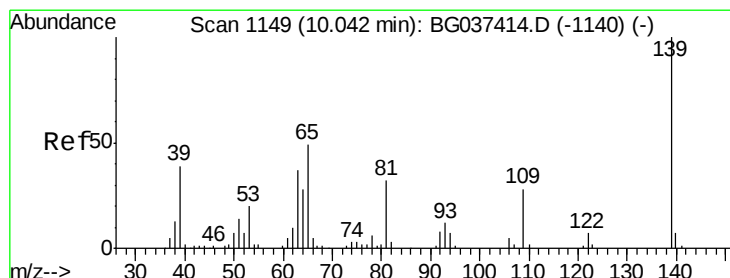
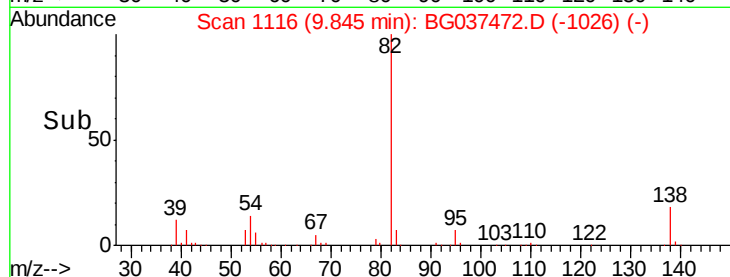
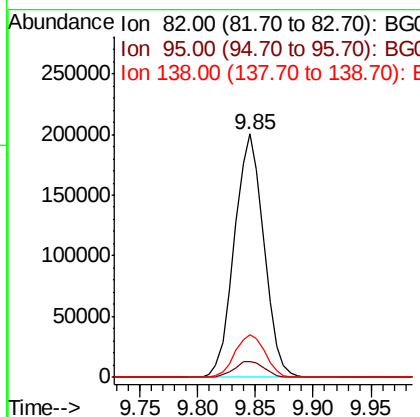
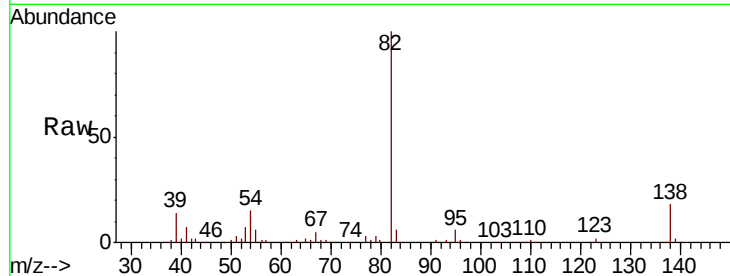
#25
Isophorone
Concen: 46.653 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	354998		
95	6.4	5.3	7.9	
138	17.7	13.3	19.9	

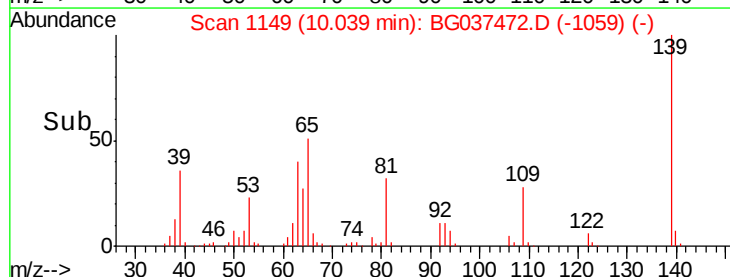
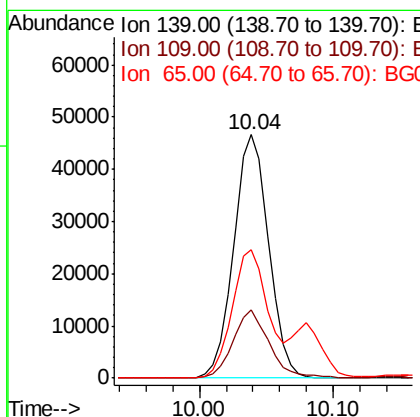
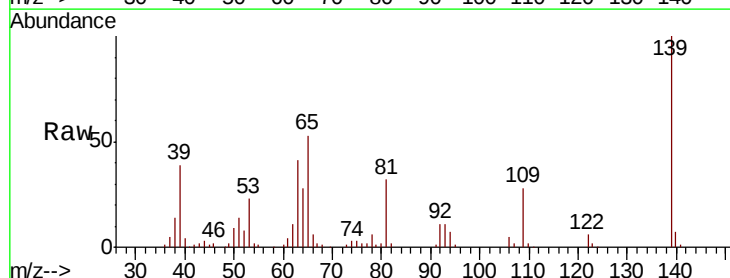
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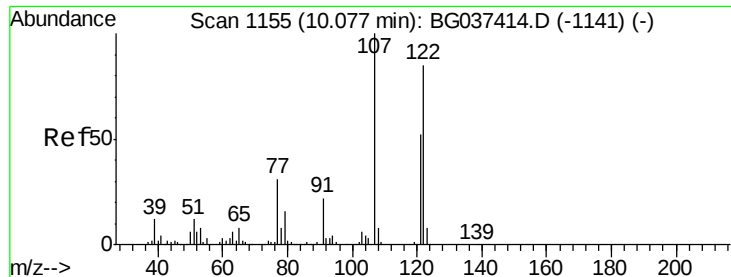
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#26
2-Nitrophenol
Concen: 43.219 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	84234		
109	28.0	23.3	34.9	
65	52.9	39.8	59.8	





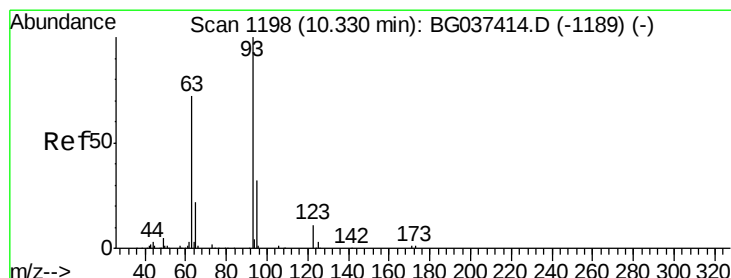
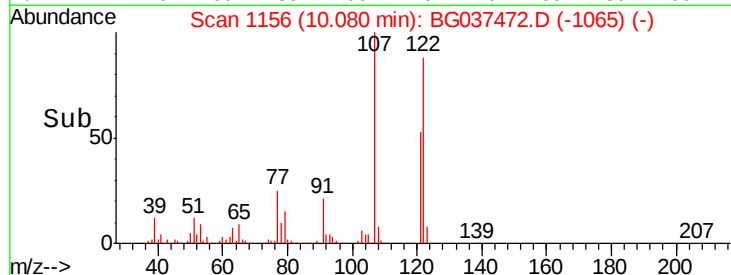
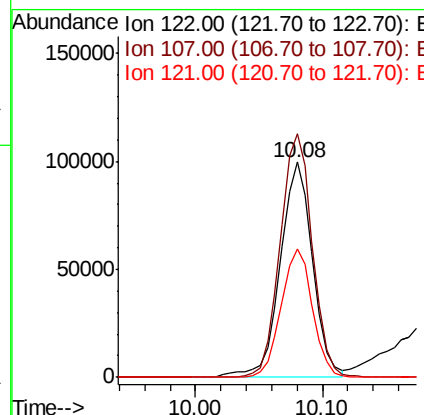
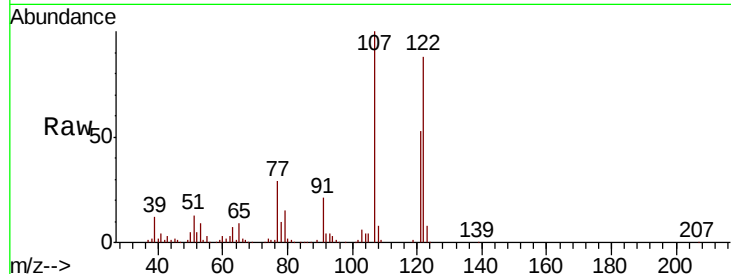
#27
 2,4-Dimethylphenol
 Concen: 50.937 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	177254		
107	113.3	94.2	141.2	
121	59.7	47.3	70.9	

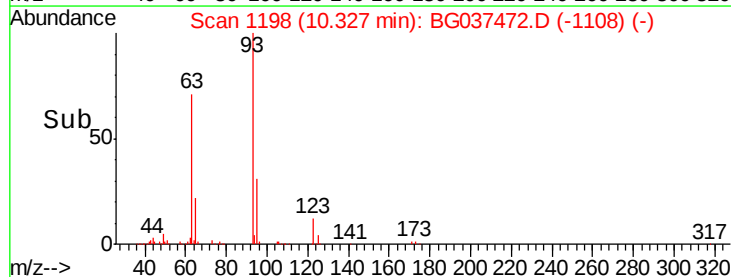
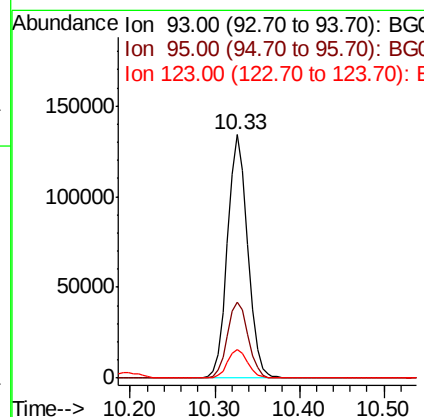
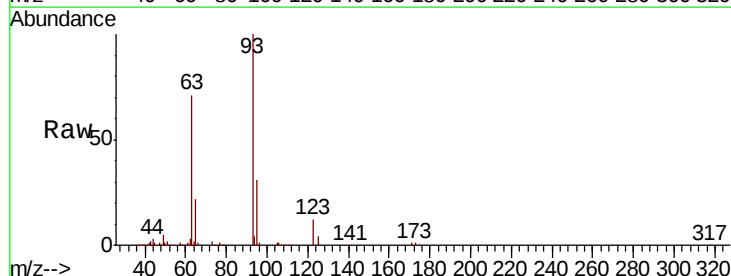
Manual Integrations
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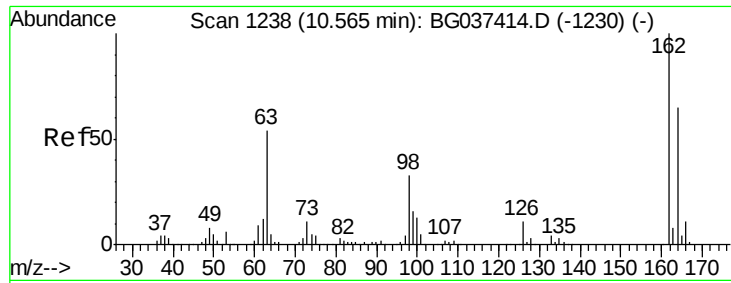
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.423 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	221471		
95	31.1	24.6	37.0	
123	11.9	9.1	13.7	





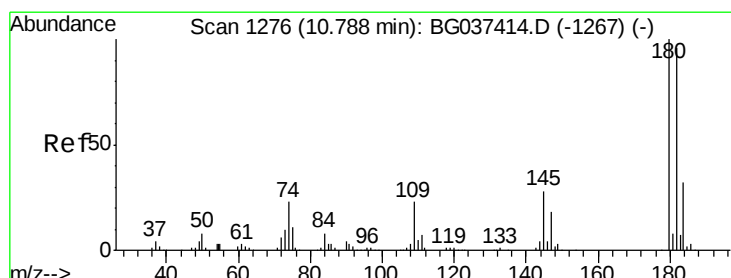
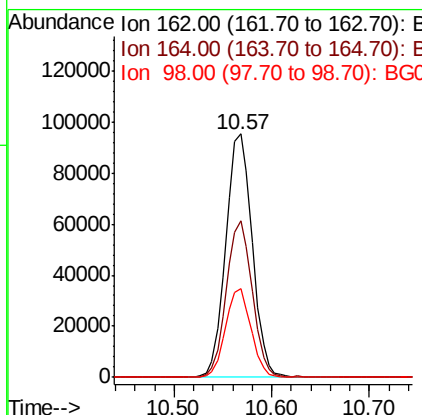
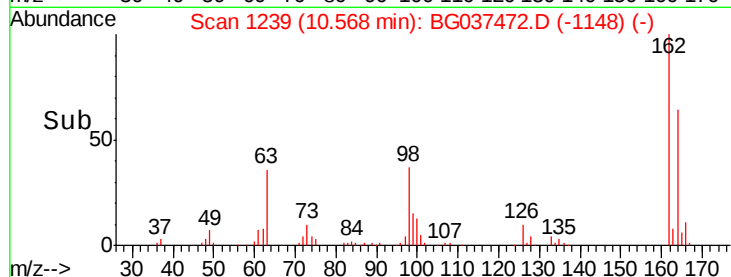
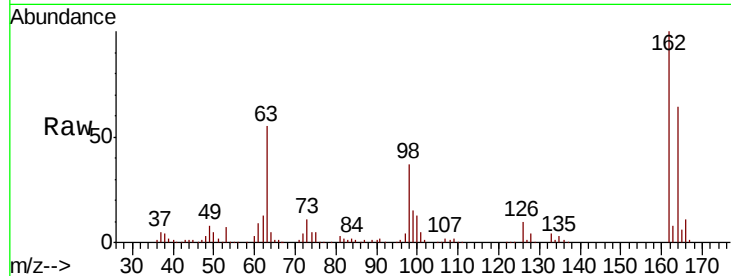
#29
 2,4-Dichlorophenol
 Concen: 46.275 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	43.2	83.2
98	36.5	16.0	56.0

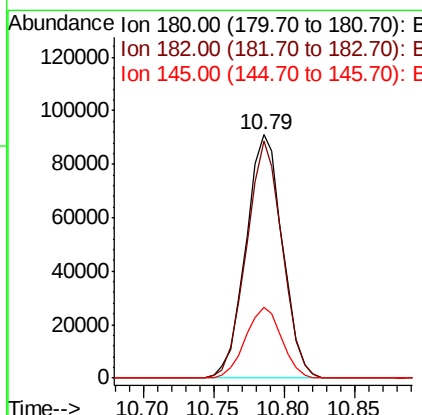
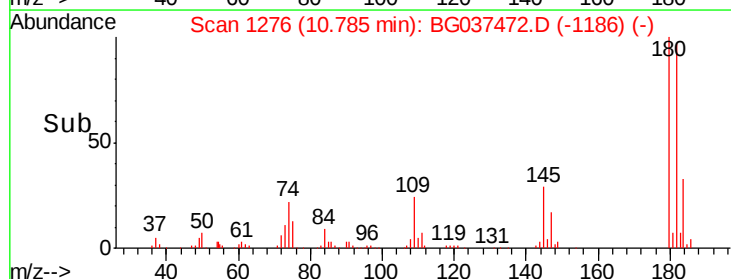
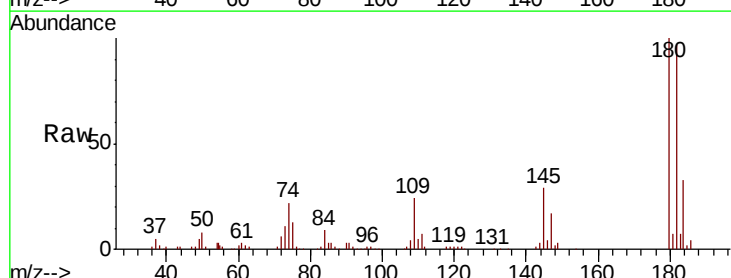
Manual Integrations
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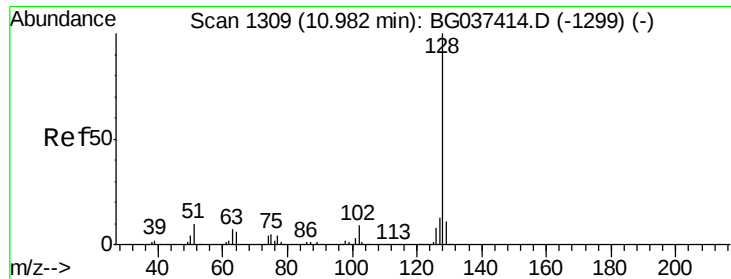
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.257 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	77.7	116.5
145	28.8	23.3	34.9





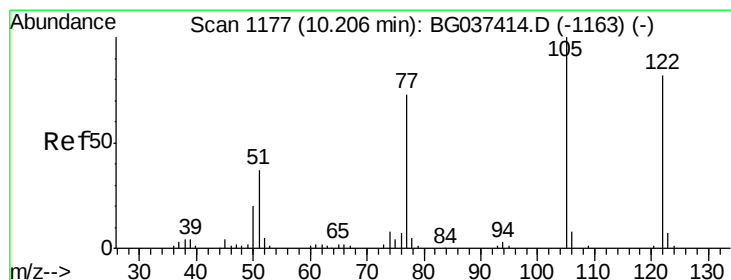
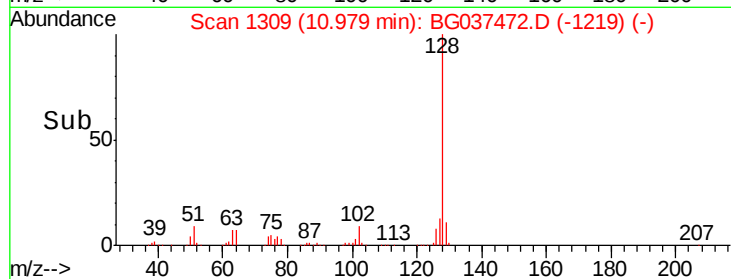
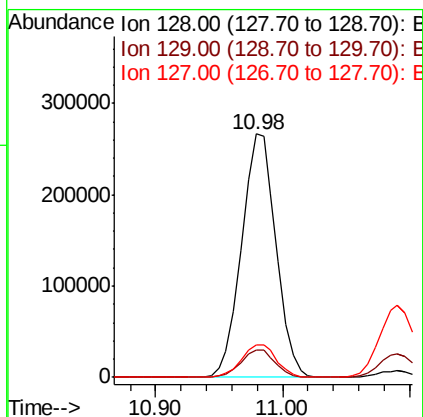
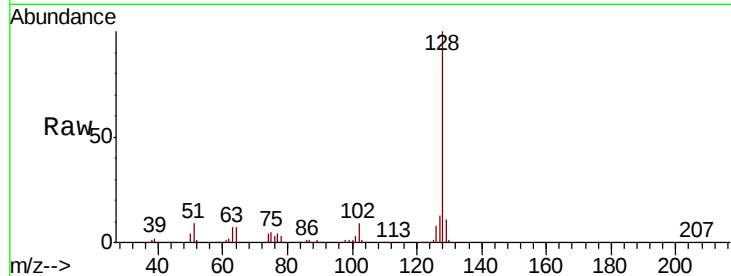
#31
Naphthalene
Concen: 43.653 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	9.0	13.6
127	13.3	11.1	16.7

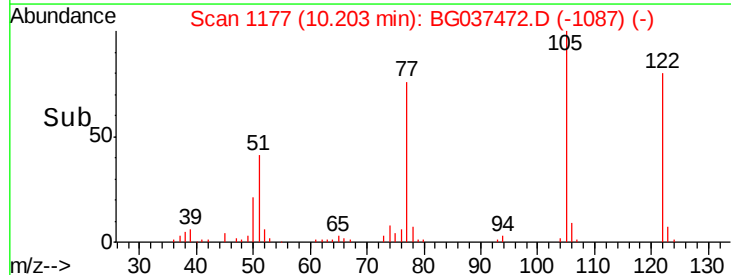
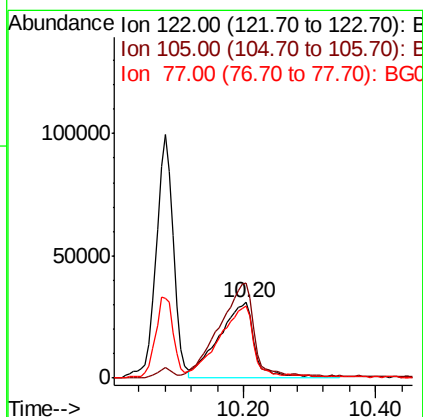
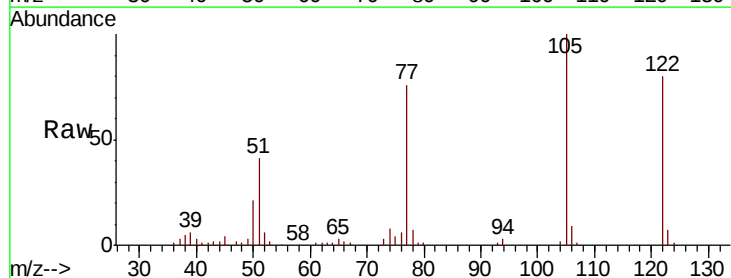
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#32
Benzoic acid
Concen: 53.055 ng m
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	125.6	106.7	146.7
77	95.6	72.2	112.2





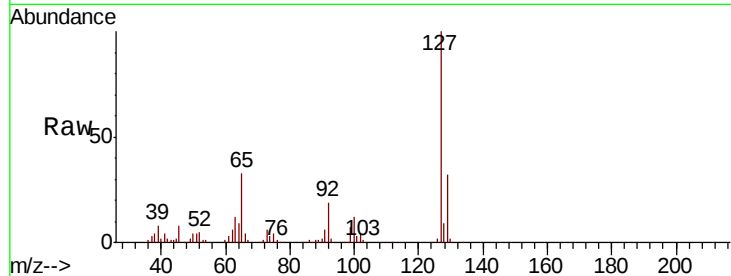
#33
4-Chloroaniline
Concen: 28.391 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	27.1	40.7	
65	33.2	26.6	39.8	
92	19.1	16.4	24.6	

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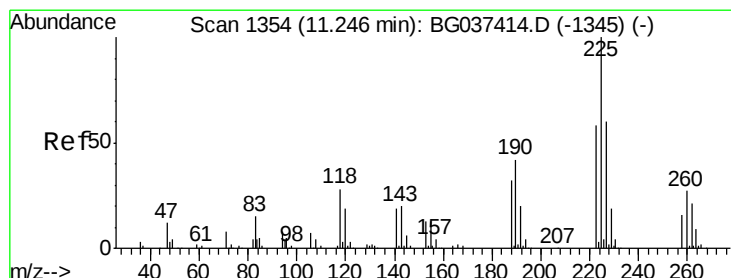
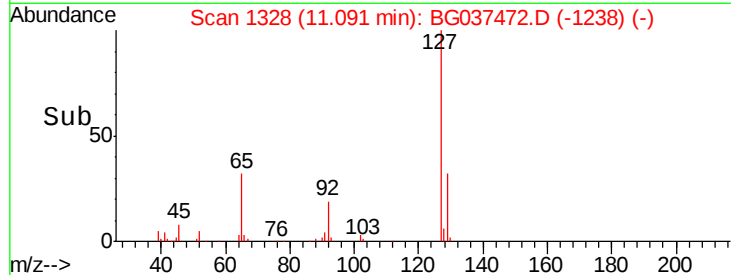
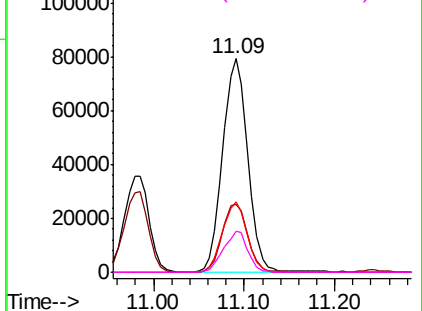
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

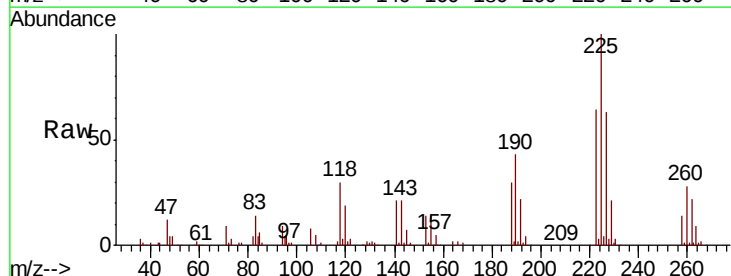
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.377 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	48.2	72.4	
227	63.4	51.6	77.4	

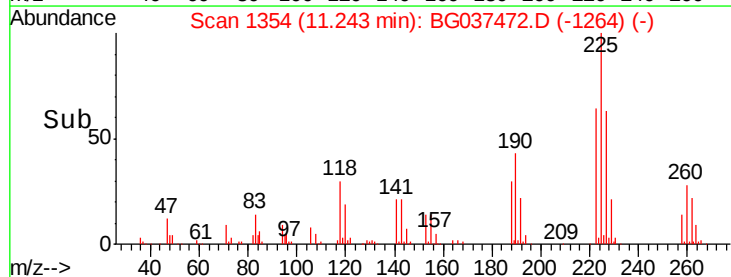
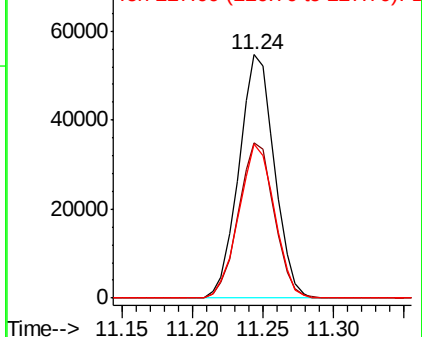


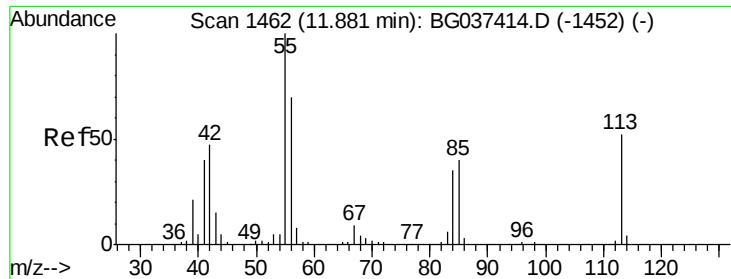
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.647 ng m

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion:113 Resp: 67824

Ion Ratio Lower Upper

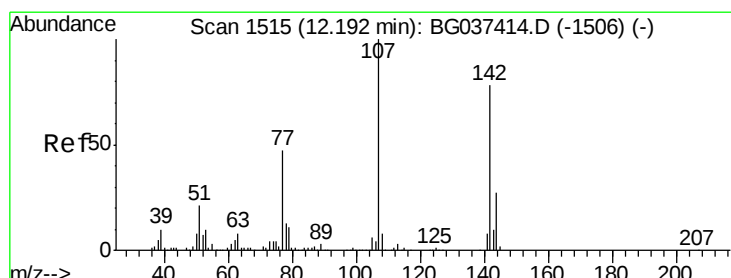
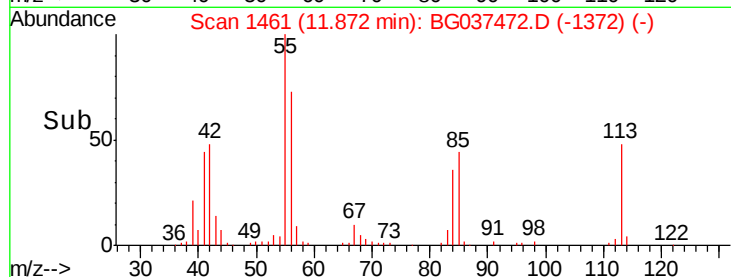
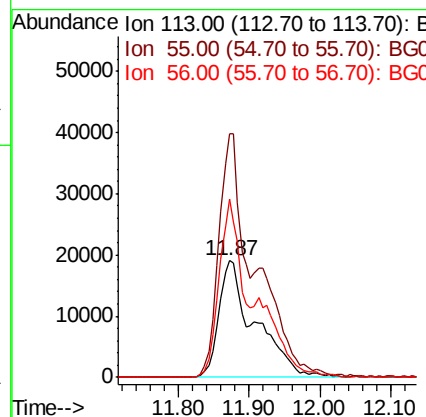
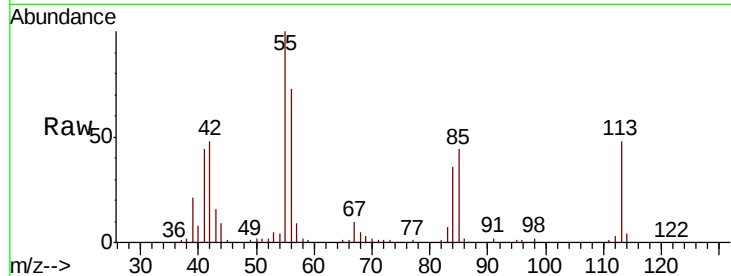
113 100

55 209.0 176.6 216.6

56 153.0 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 45.146 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

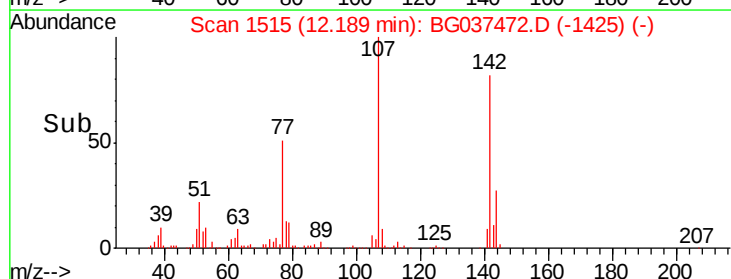
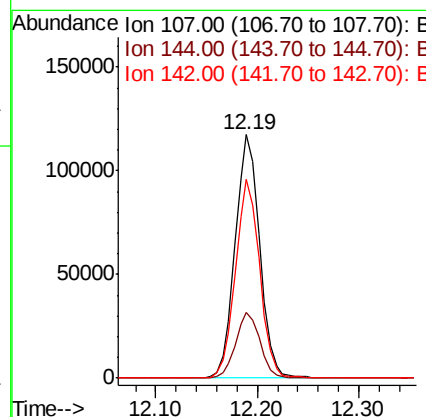
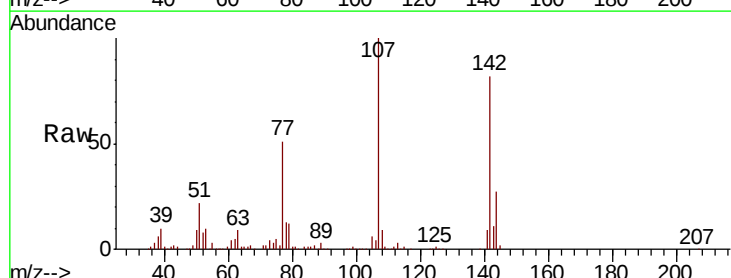
Tgt Ion:107 Resp: 197271

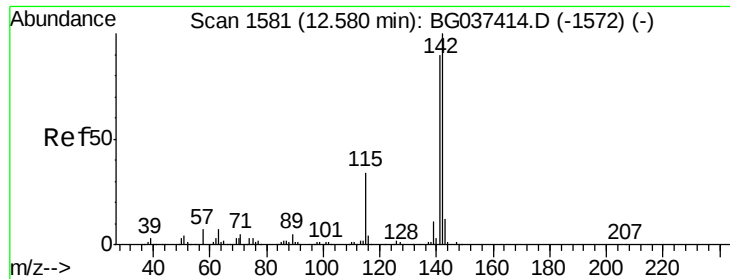
Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

142 81.8 64.4 96.6





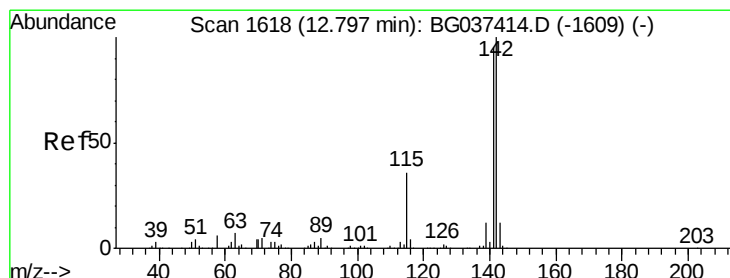
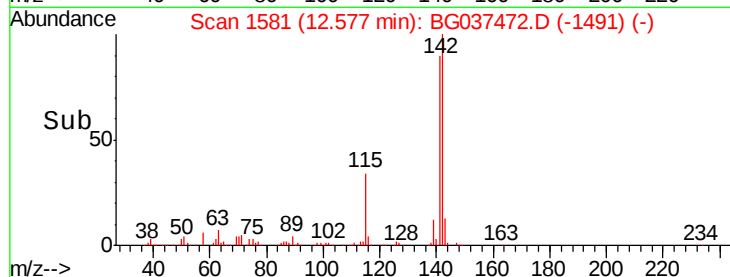
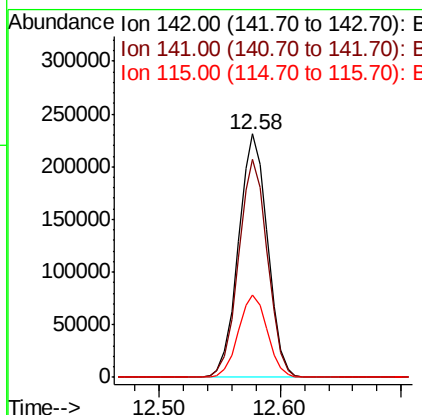
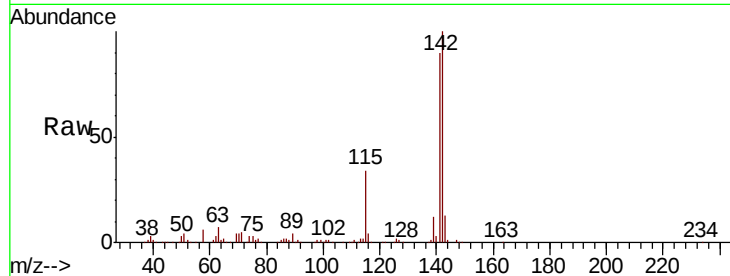
#37
 2-Methylnaphthalene
 Concen: 46.505 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	388458		
141	89.6	71.9	107.9	
115	33.7	27.8	41.8	

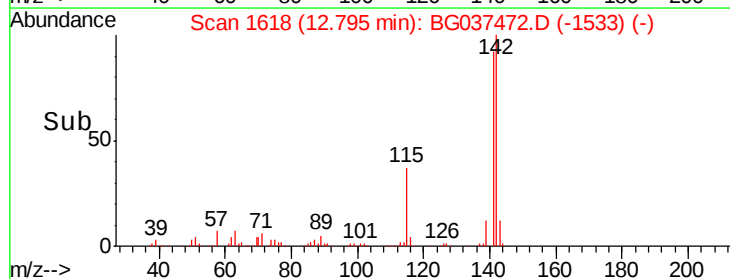
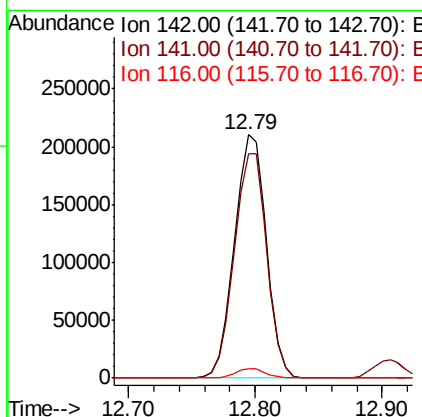
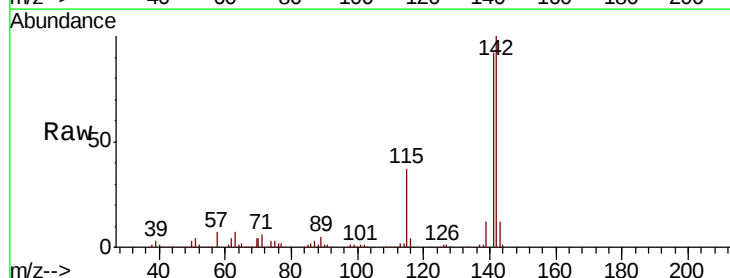
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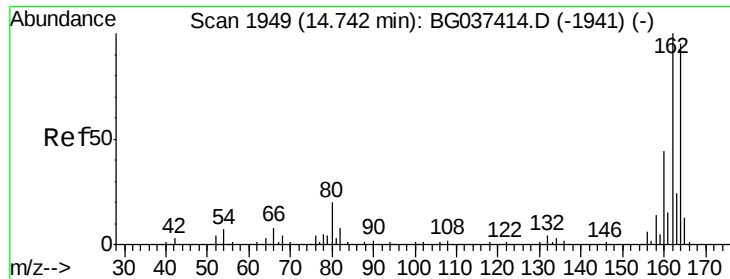
Sohil
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#38
 1-Methylnaphthalene
 Concen: 45.159 ng
 RT: 12.79 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	366331		
141	92.4	75.2	112.8	
116	4.0	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

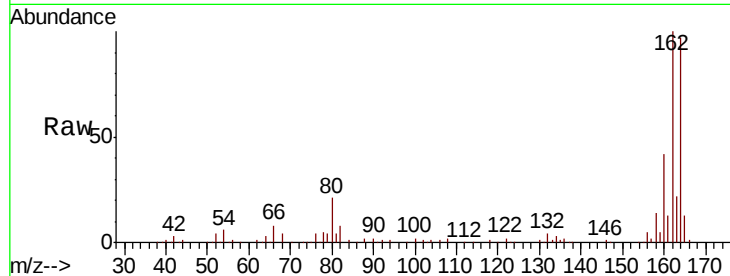
ClientSampleId :

PB113548BSD

Tgt Ion:	164	Resp:	155161
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.3	121.9
160	43.4	36.3	54.5

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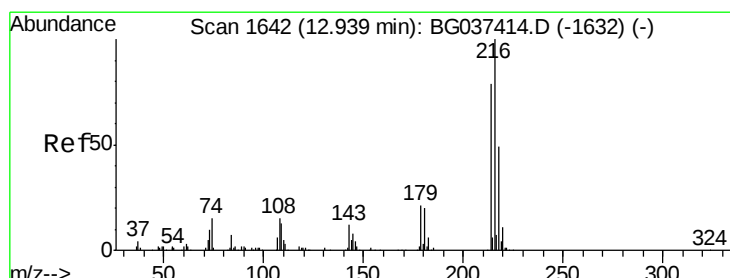
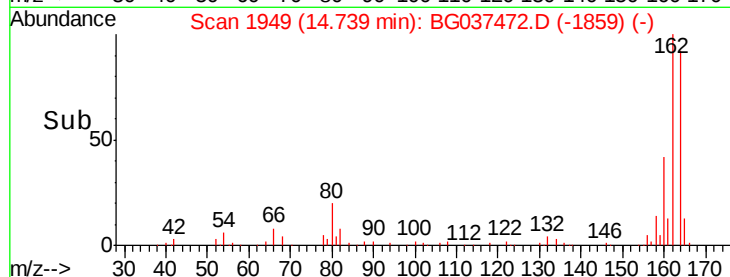
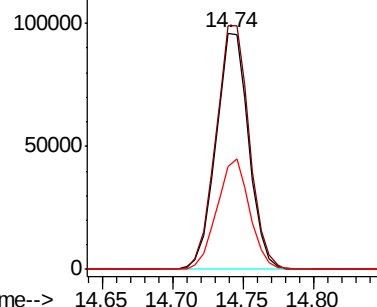


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.598 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:	216	Resp:	198179
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.8	95.6
179	21.2	17.4	26.0
108	18.6	13.9	20.9

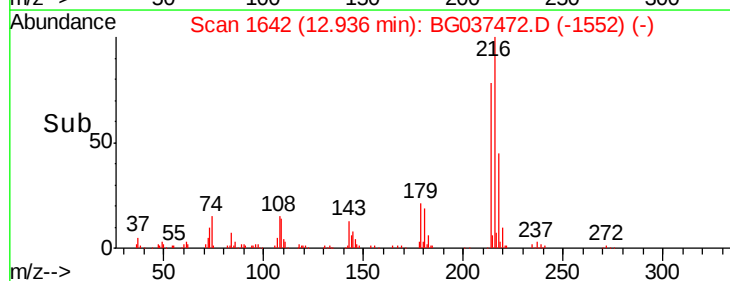
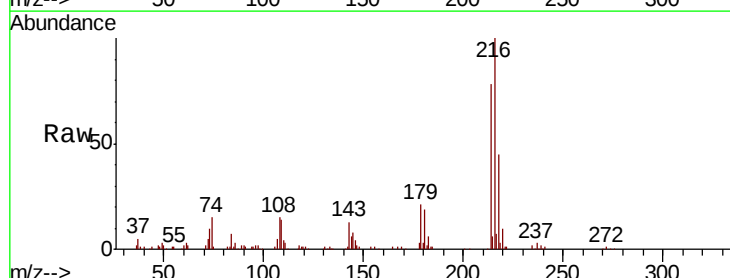
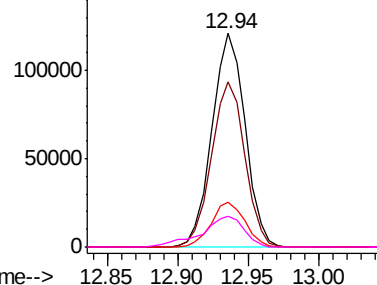
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.362 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

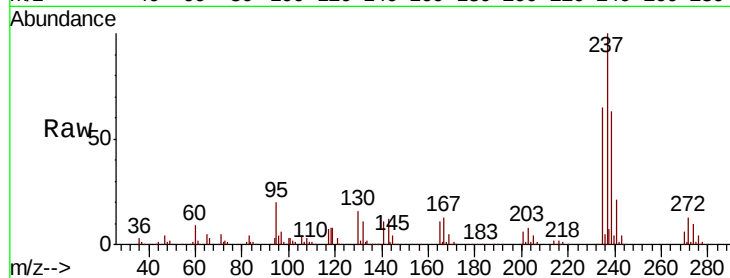
ClientSampleId :

PB113548BSD

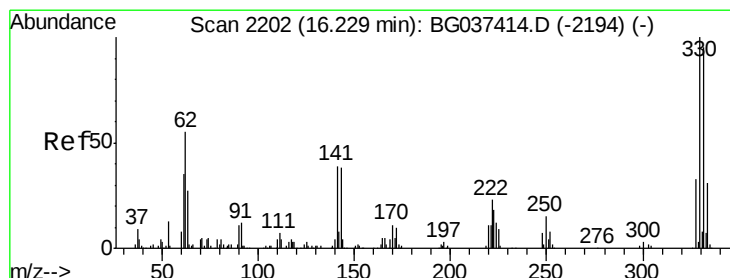
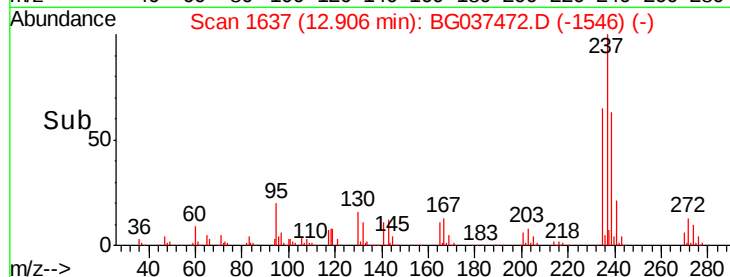
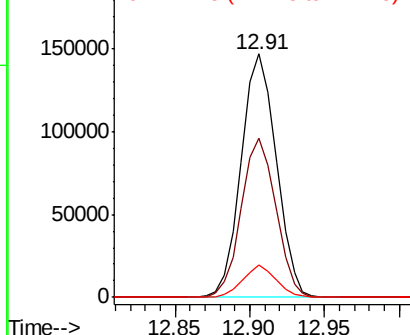
Tgt Ion:	237	Resp:	239931
Ion Ratio	Lower	Upper	
237	100		
235	65.4	42.5	82.5
272	13.4	0.0	31.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.117 ng

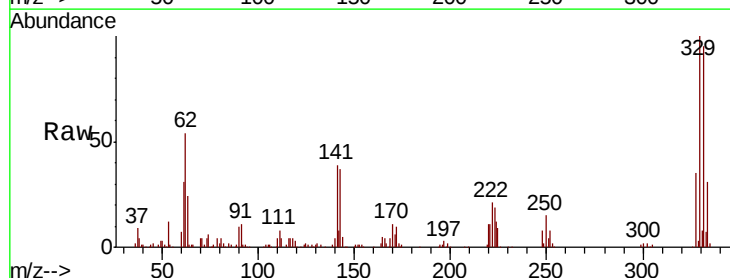
RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

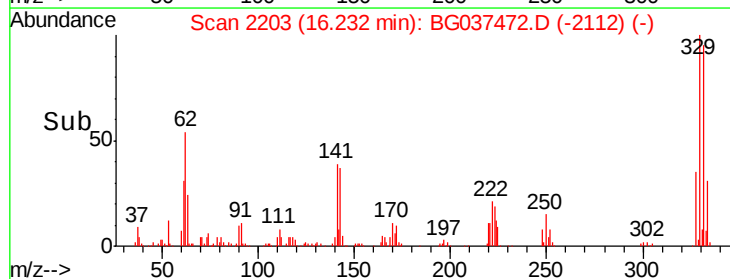
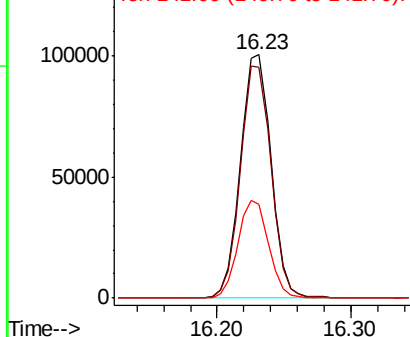
Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:	330	Resp:	159276
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.4	117.6
141	40.2	32.2	48.2



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





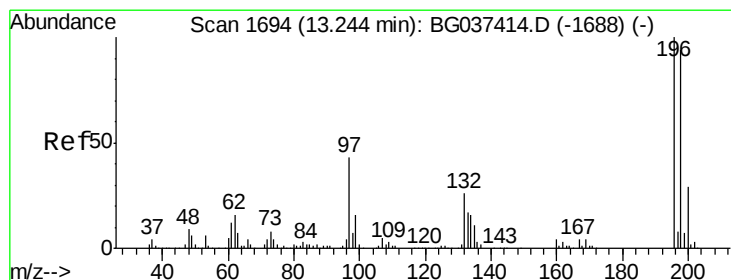
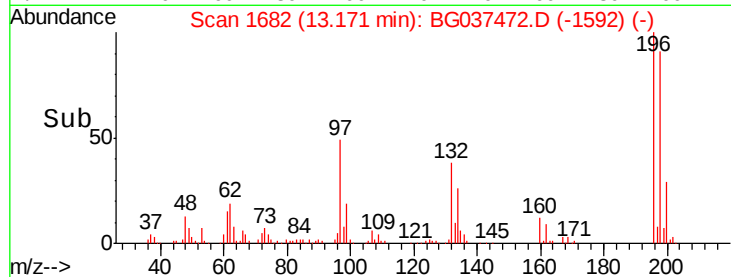
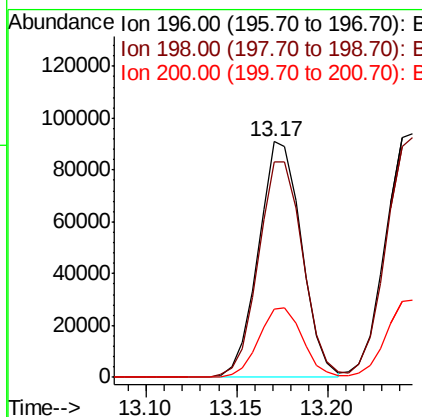
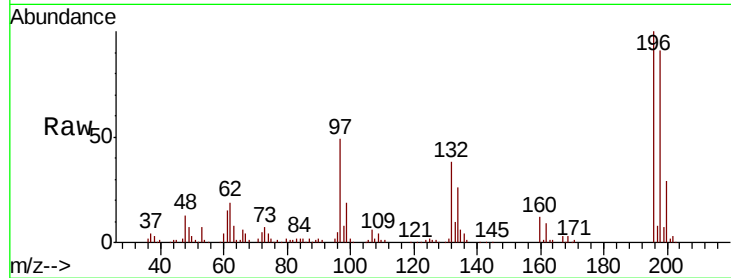
#43
 2,4,6-Trichlorophenol
 Concen: 44.944 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150275		
198	91.4	76.4	114.6	
200	29.2	24.9	37.3	

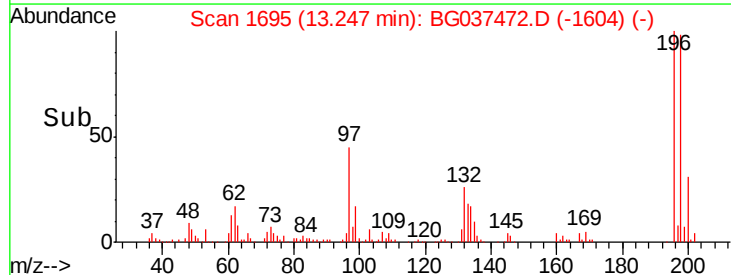
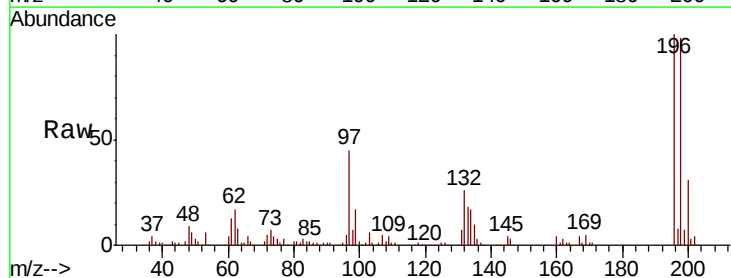
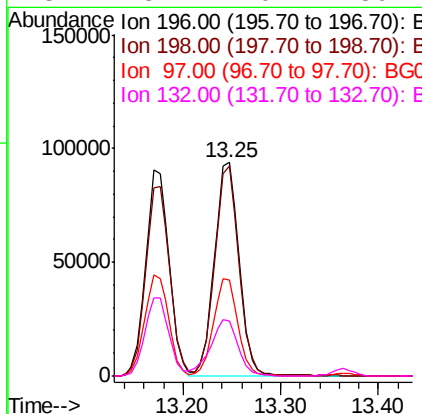
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#44
 2,4,5-Trichlorophenol
 Concen: 45.483 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165576		
198	98.4	74.2	111.2	
97	44.9	34.1	51.1	
132	25.7	20.2	30.4	





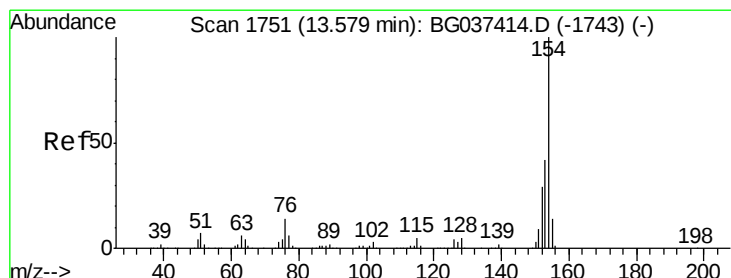
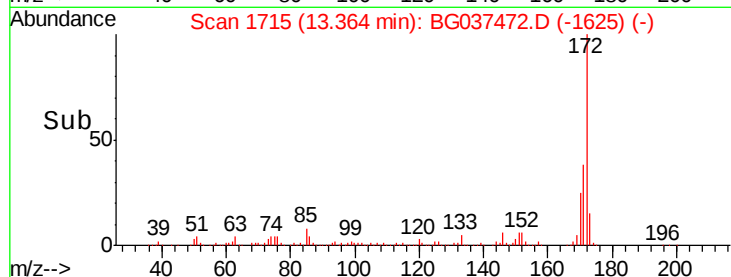
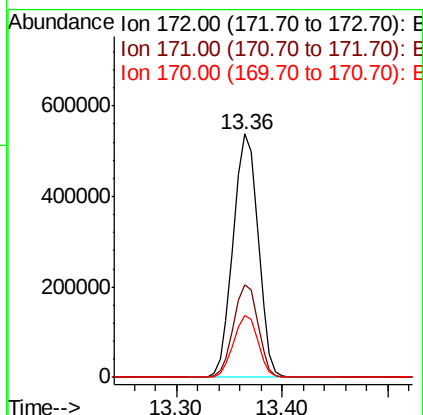
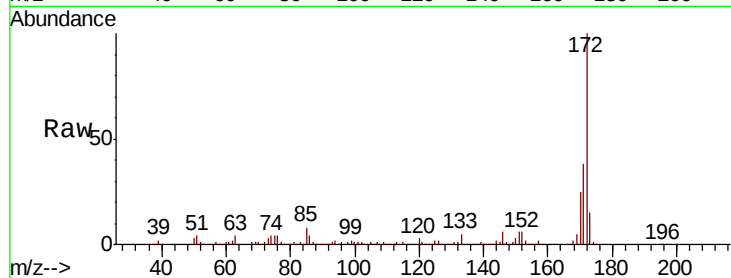
#45
2-Fluorobiphenyl
Concen: 85.258 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.5	20.2	30.2

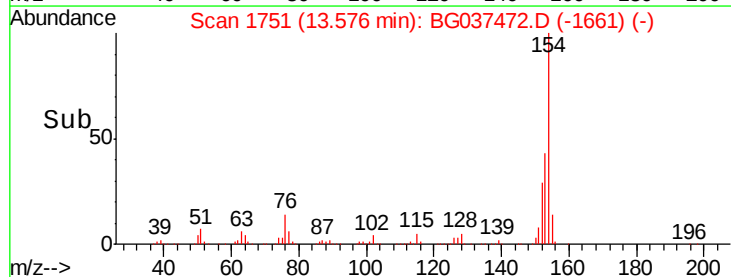
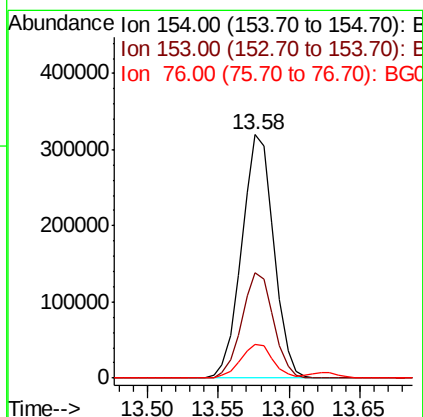
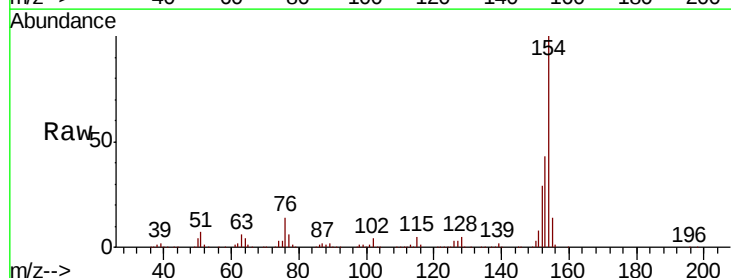
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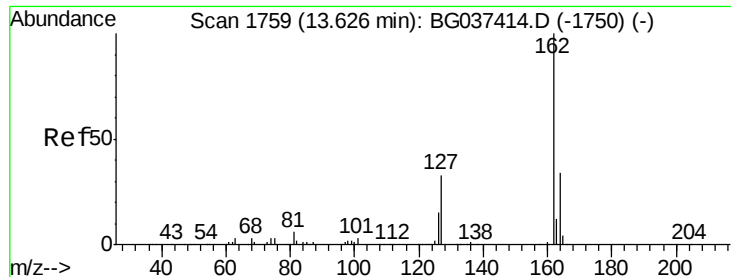
Sohil
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#46
1,1'-Biphenyl
Concen: 39.391 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.1	62.1
76	13.6	0.0	33.2





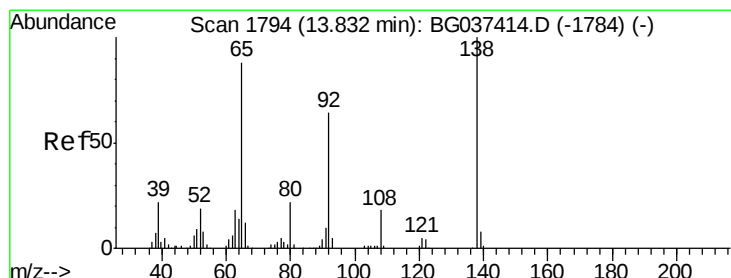
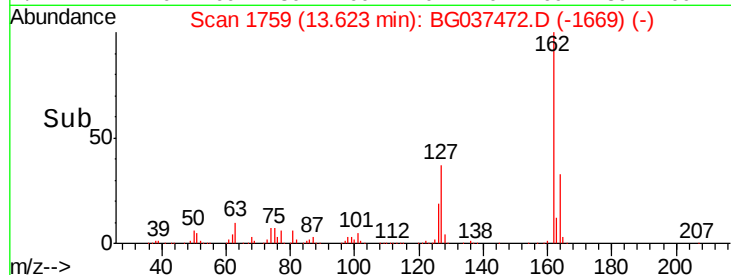
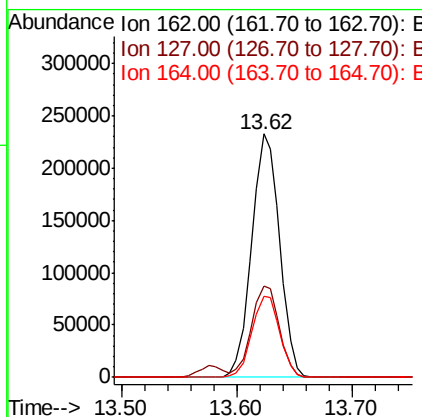
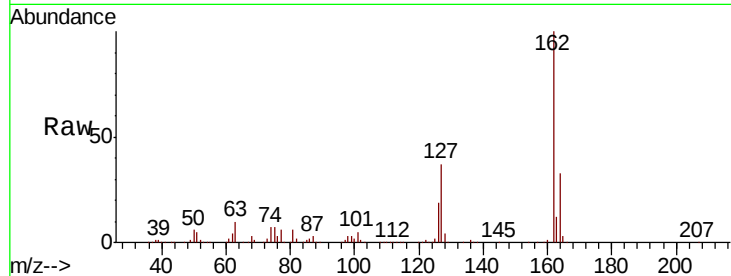
#47
 2-Chloronaphthalene
 Concen: 40.294 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	391719		
127	37.5	30.5	45.7	
164	33.3	26.4	39.6	

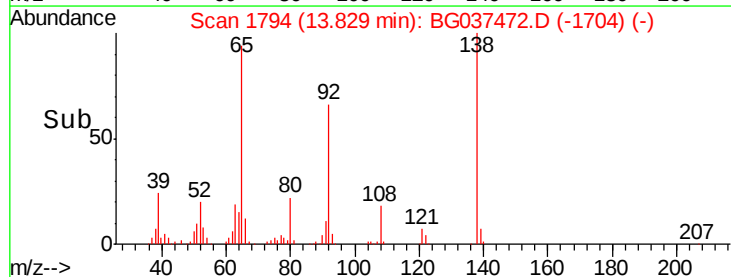
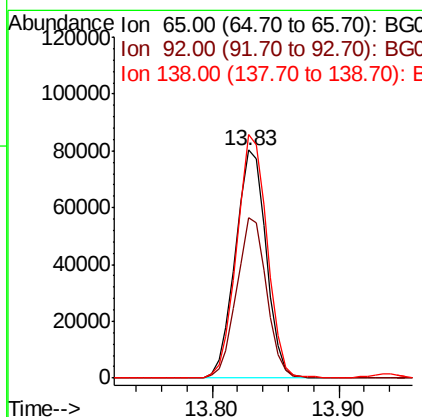
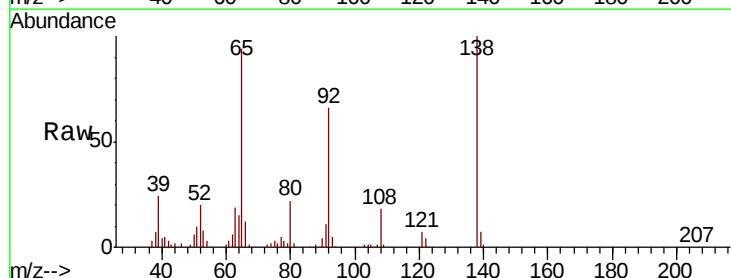
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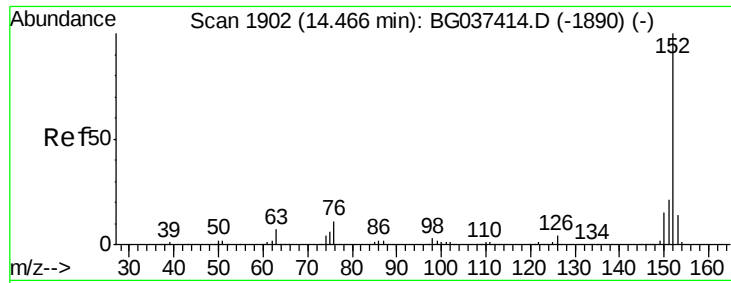
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#48
 2-Nitroaniline
 Concen: 45.756 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	134892		
92	70.2	53.2	79.8	
138	106.7	79.3	118.9	





#49

Acenaphthylene

Concen: 45.647 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

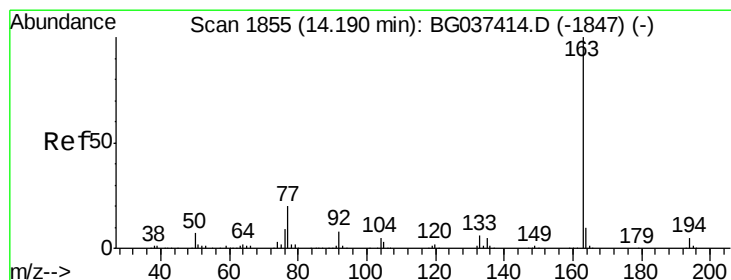
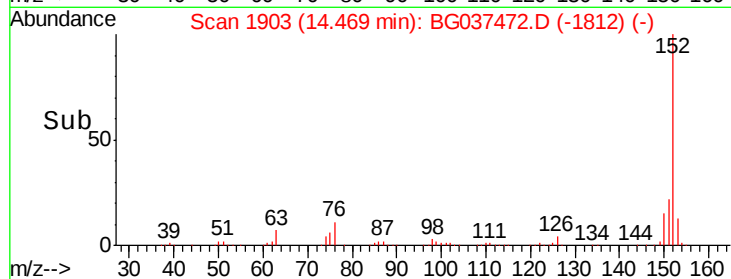
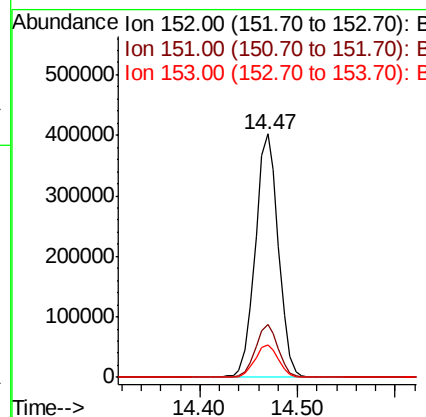
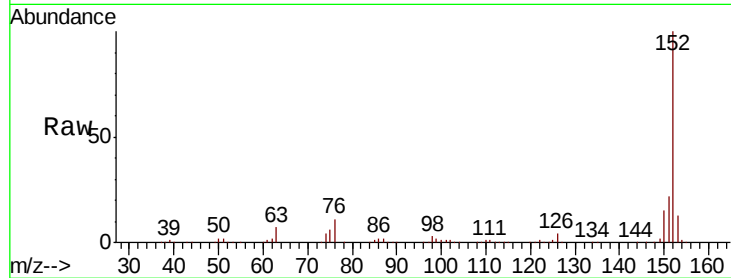
ClientSampleId :

PB113548BSD

Tgt Ion:	152	Resp:	667544
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	13.1	11.1	16.7

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#50

Dimethylphthalate

Concen: 44.501 ng

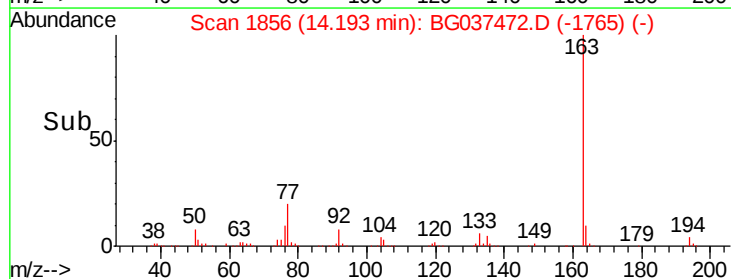
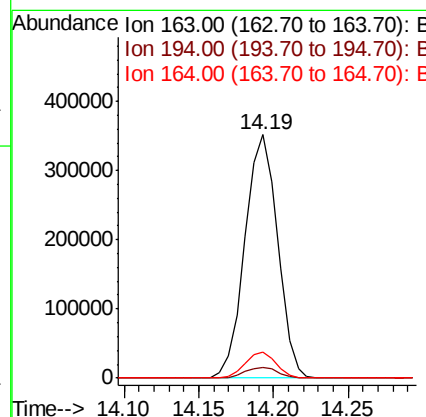
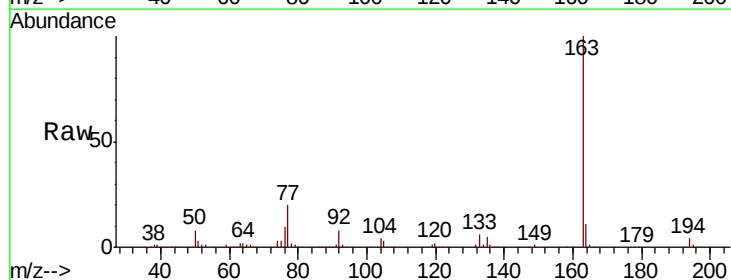
RT: 14.19 min Scan# 1856

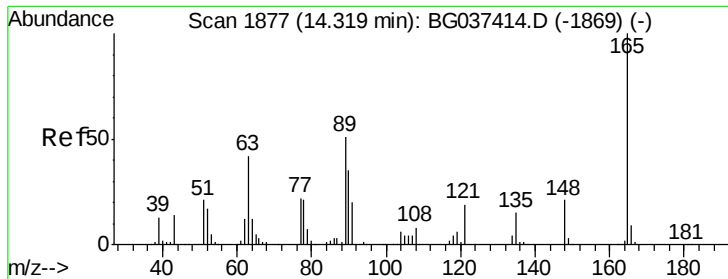
Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:	163	Resp:	534172
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.5	8.5	12.7





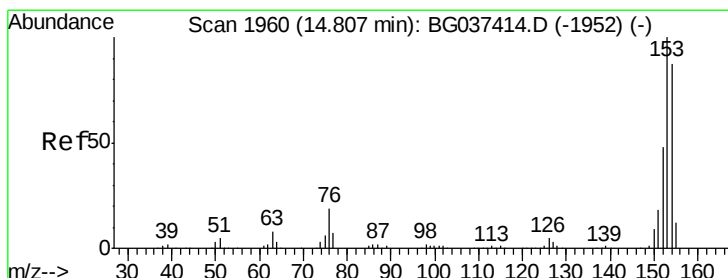
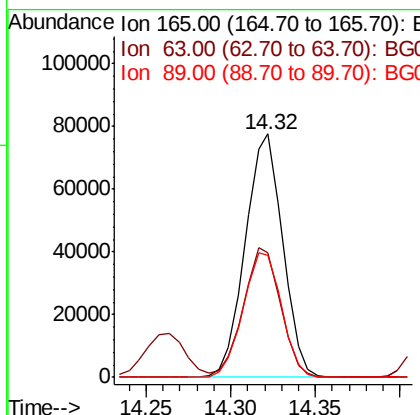
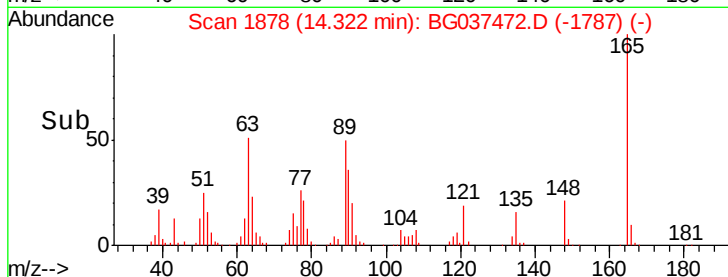
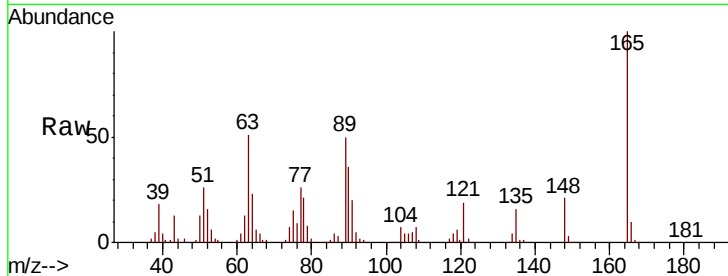
#51
2,6-Dinitrotoluene
Concen: 45.036 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119589		
63	51.4	43.4	65.2	
89	50.1	45.8	68.6	

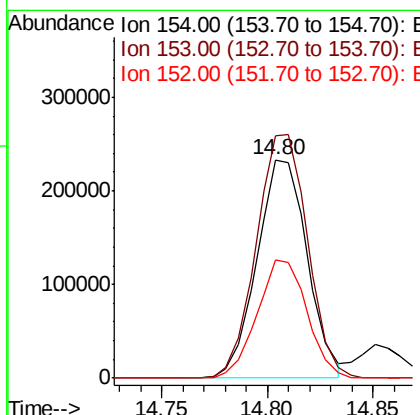
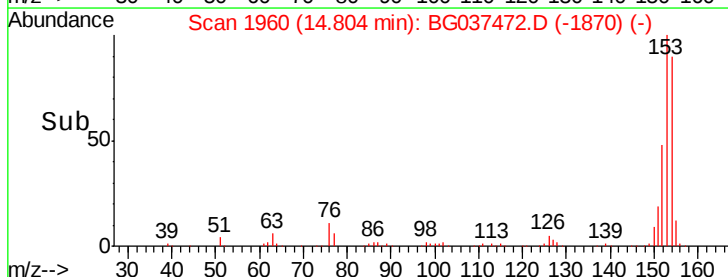
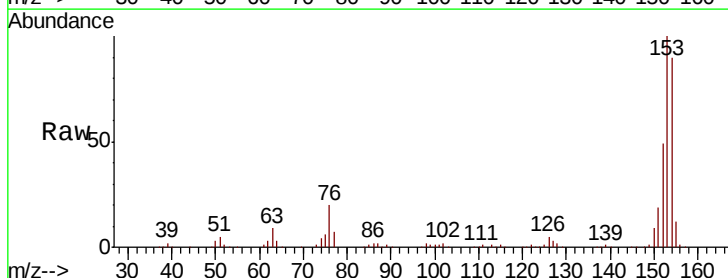
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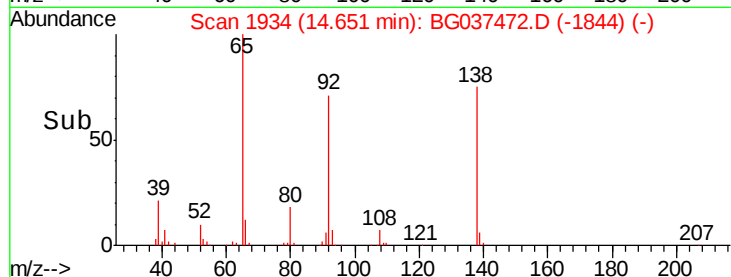
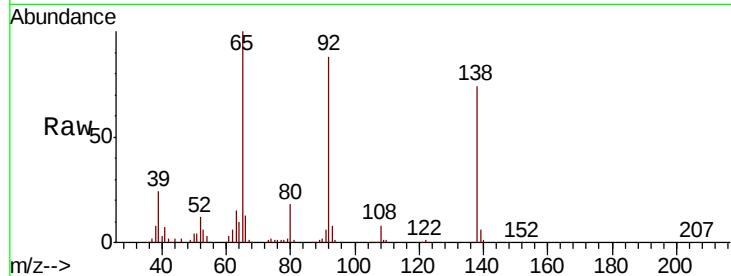
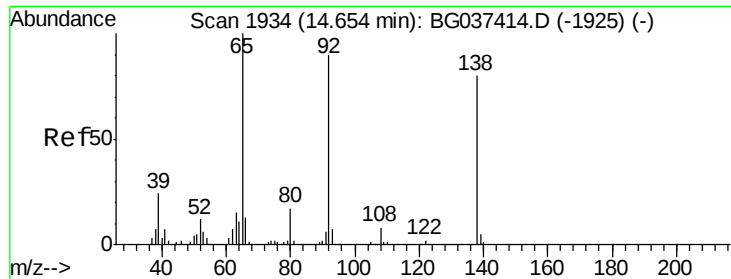
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#52
Acenaphthene
Concen: 42.932 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	386661		
153	111.0	93.4	140.0	
152	54.4	44.7	67.1	





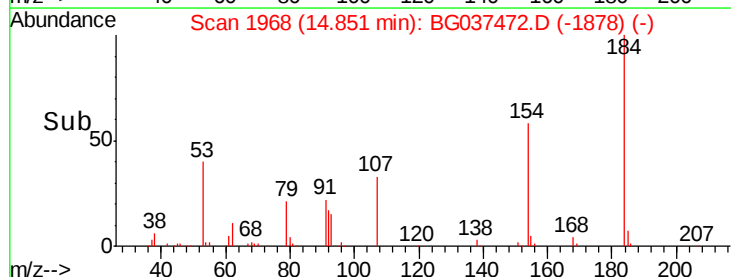
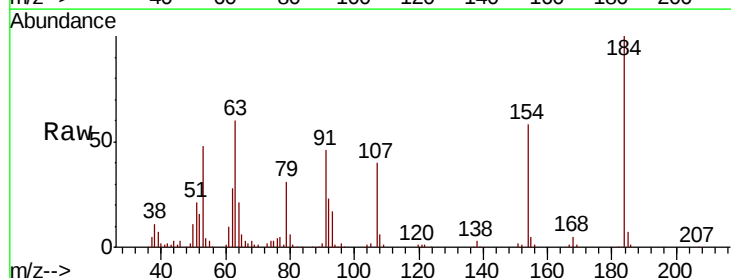
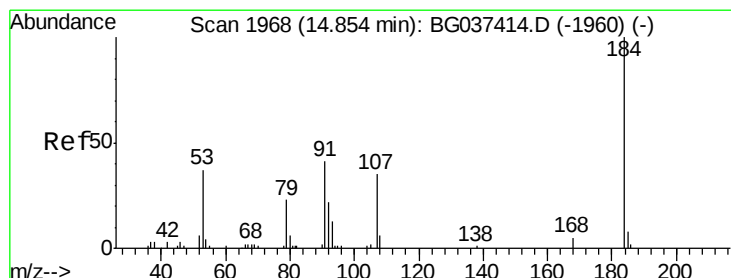
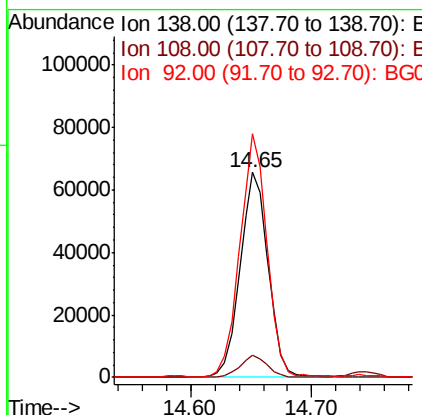
#53
 3-Nitroaniline
 Concen: 35.998 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleID :
 PB113548BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	11.0	16.6#
92	118.7	95.2	142.8

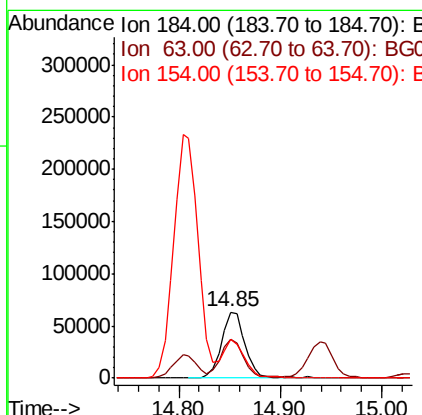
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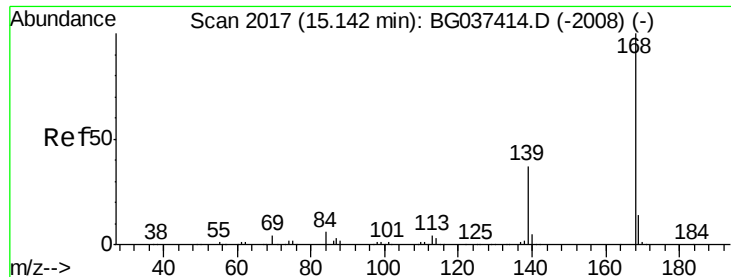
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#54
 2,4-Dinitrophenol
 Concen: 84.705 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	42.6	63.8
154	58.2	41.8	62.6





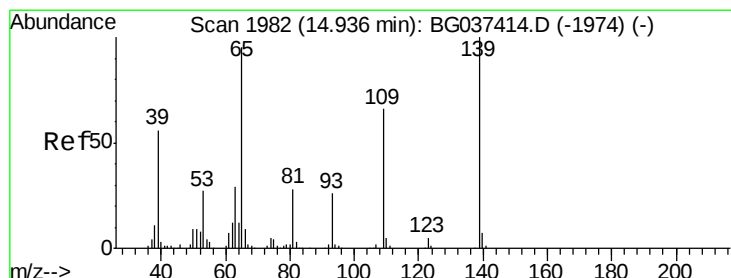
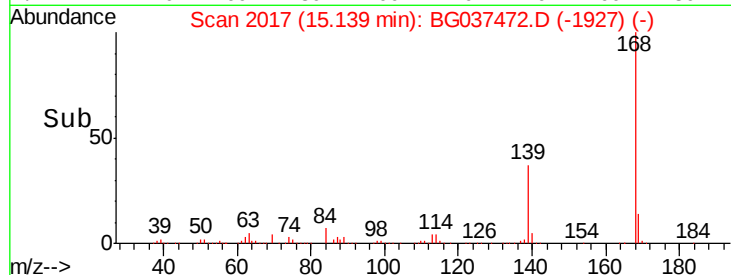
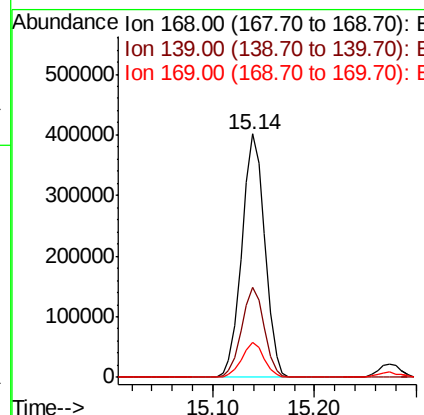
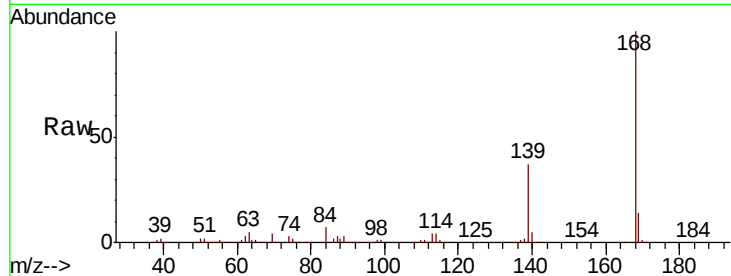
#55
Dibenzenofuran
Concen: 42.085 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampled :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	627991		
139	36.9	29.4	44.0	
169	14.2	11.0	16.6	

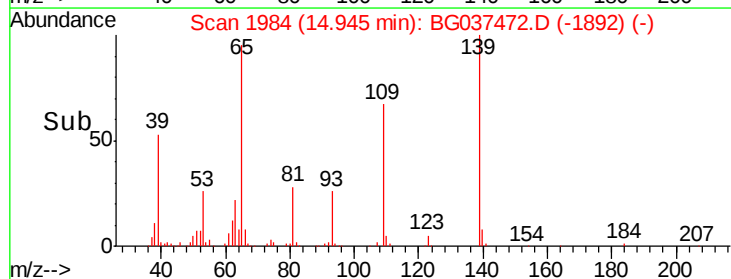
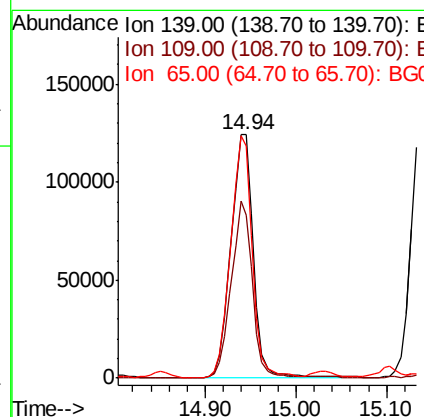
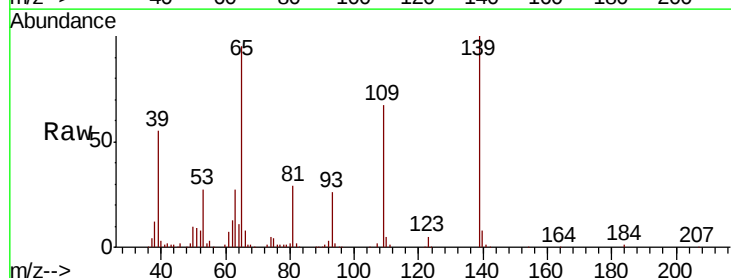
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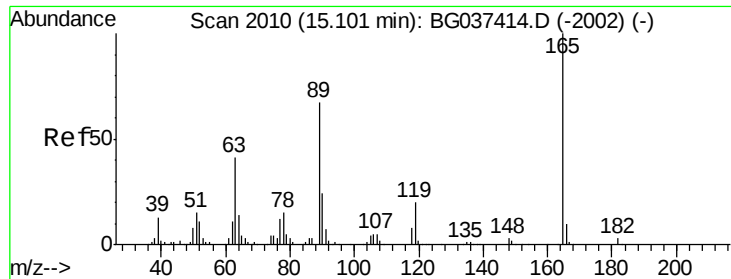
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#56
4-Nitrophenol
Concen: 98.564 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	215069		
109	67.1	49.5	89.5	
65	95.4	76.8	116.8	





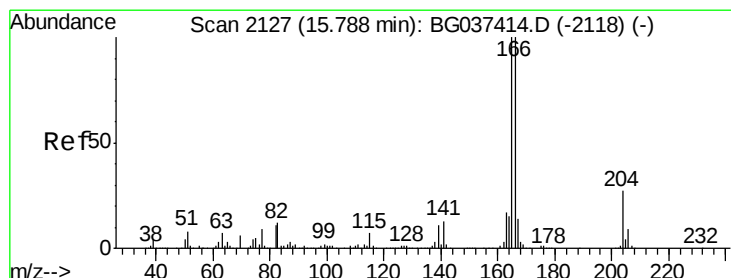
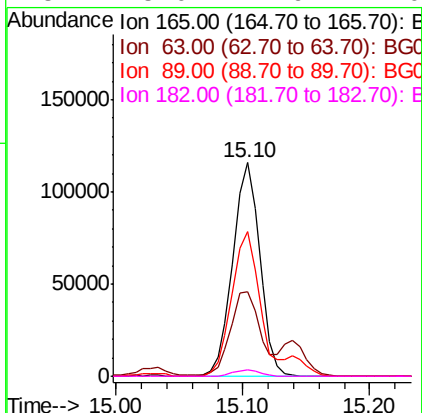
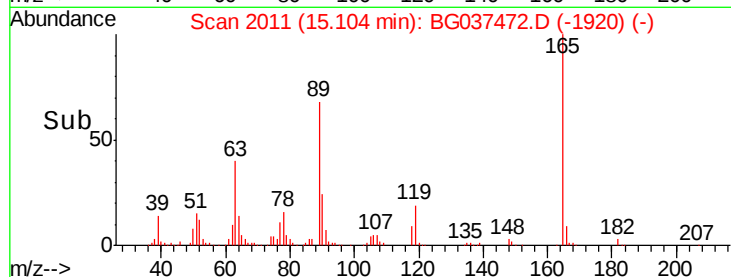
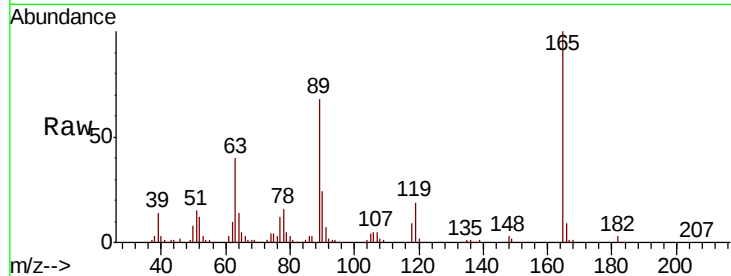
#57
2,4-Dinitrotoluene
Concen: 49.136 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171272		
63	39.8	33.4	50.0	
89	67.7	57.2	85.8	
182	3.0	2.6	4.0	

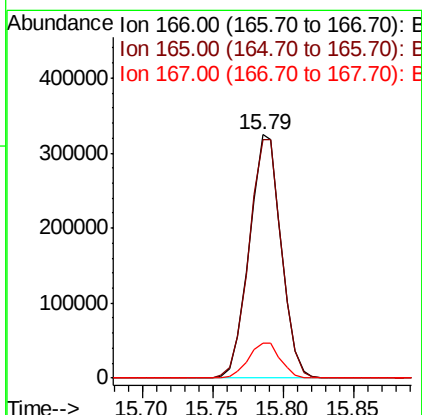
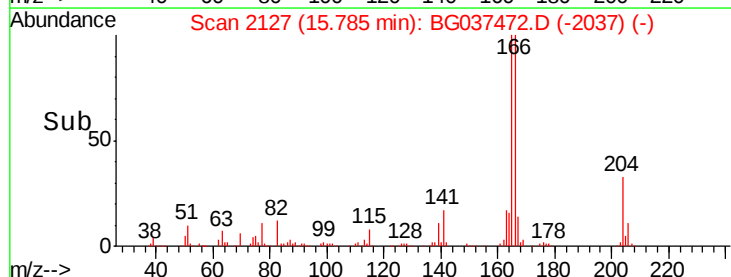
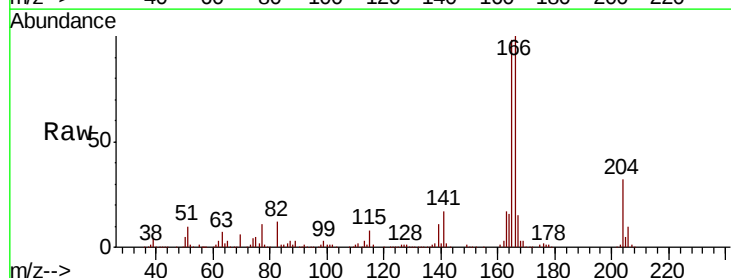
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#58
Fluorene
Concen: 45.882 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	512707		
165	98.0	79.0	118.6	
167	14.6	11.3	16.9	





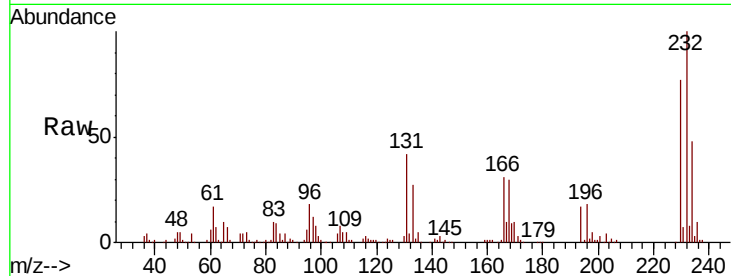
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.343 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleID :
 PB113548BSD

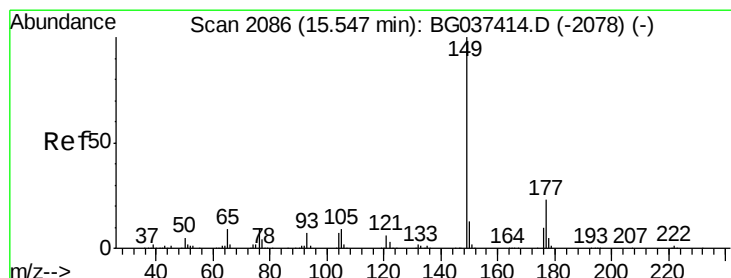
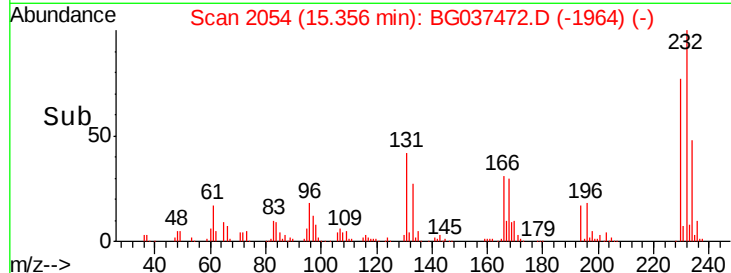
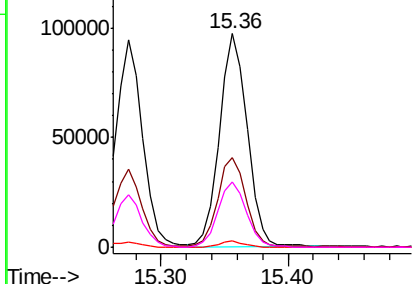
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	147564		
131	42.6	33.7	50.5	
130	2.5	2.1	3.1	
166	31.8	24.6	36.8	

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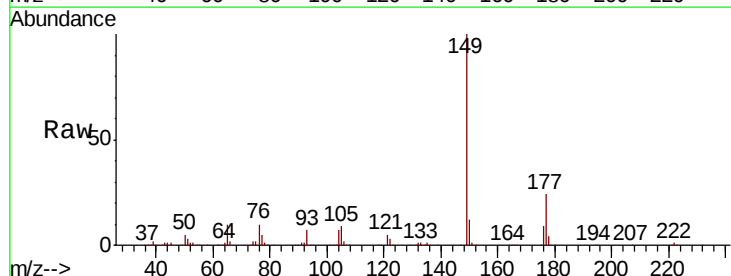


Abundance Ion 232.00 (231.70 to 232.70): E
 150000 Ion 131.00 (130.70 to 131.70): E
 100000 Ion 130.00 (129.70 to 130.70): E
 50000 Ion 166.00 (165.70 to 166.70): E

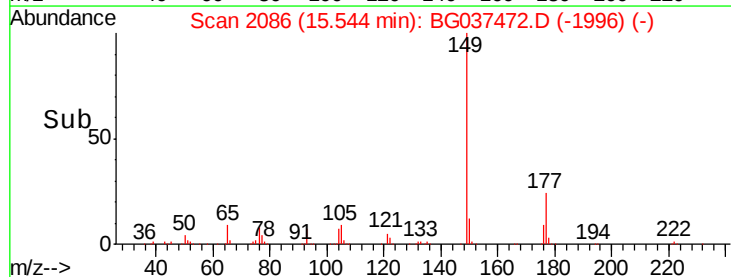
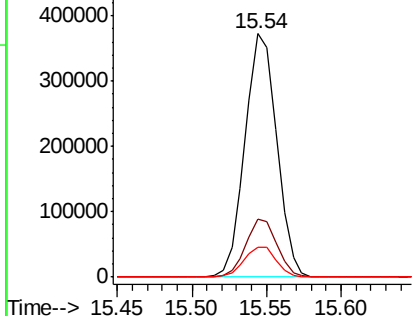


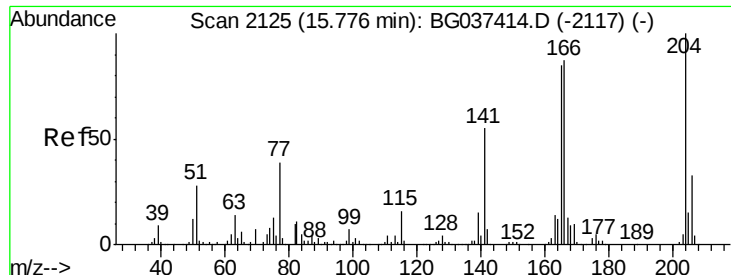
#60
 Diethylphthalate
 Concen: 44.439 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	547645		
177	23.7	18.3	27.5	
150	12.4	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 500000 Ion 177.00 (176.70 to 177.70): E
 400000 Ion 150.00 (149.70 to 150.70): E





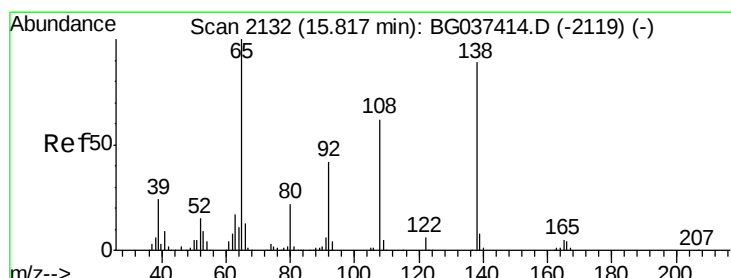
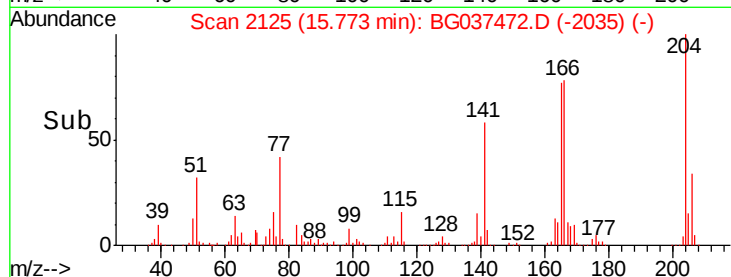
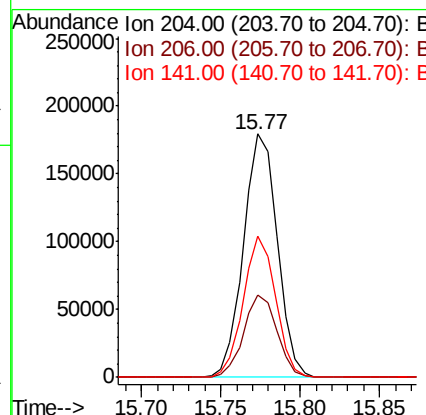
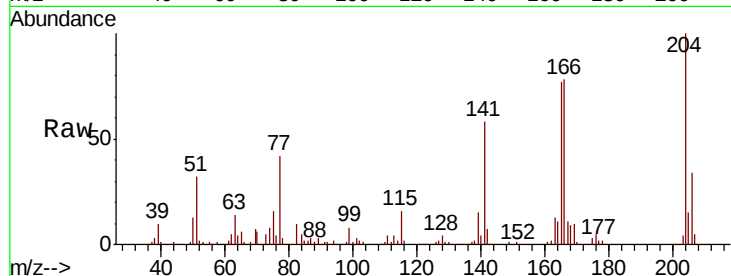
#61
 4-Chlorophenyl-phenylether
 Concen: 40.790 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.7	26.6	39.8
141	58.0	45.4	68.2

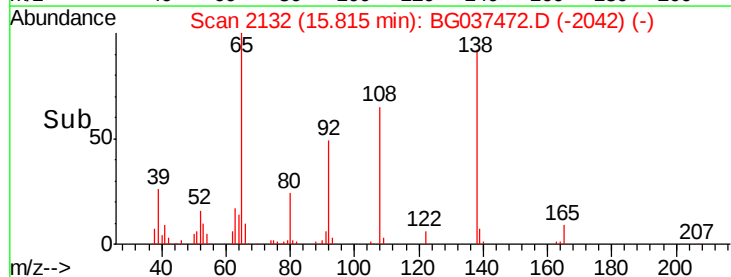
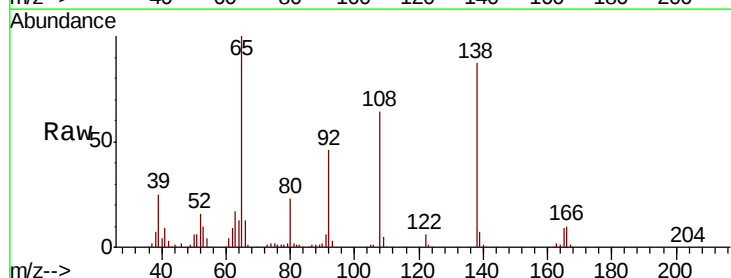
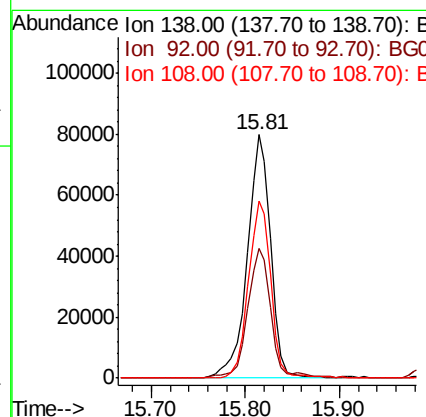
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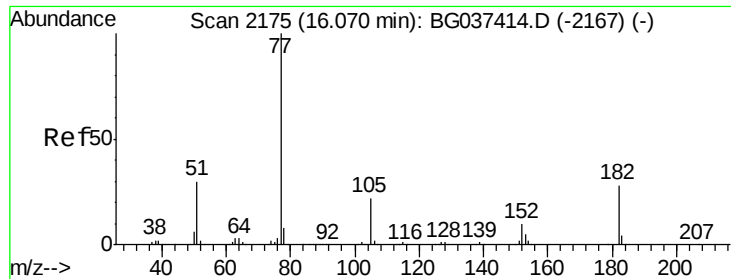
Sohil
 10/22/2018 3:39:41 PM



#62
 4-Nitroaniline
 Concen: 46.763 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	53.0	36.4	76.4
108	72.9	60.1	100.1





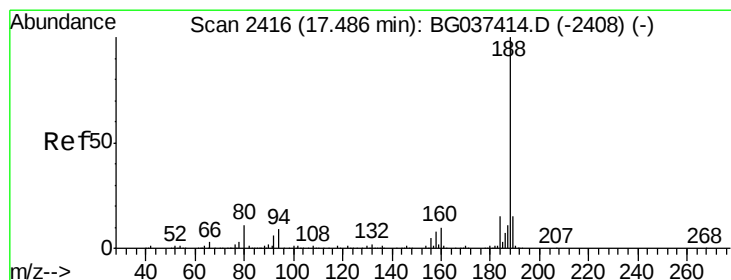
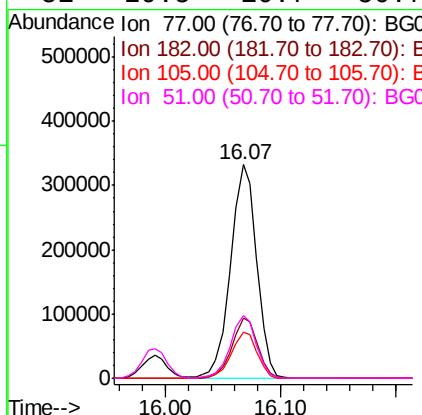
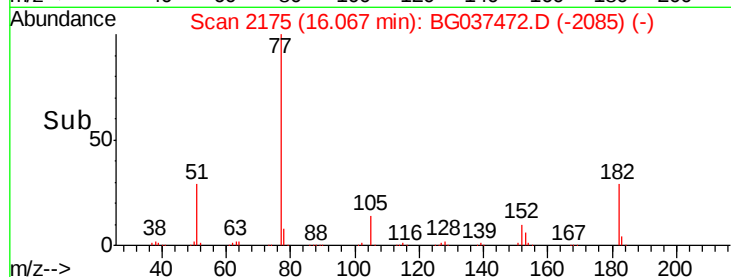
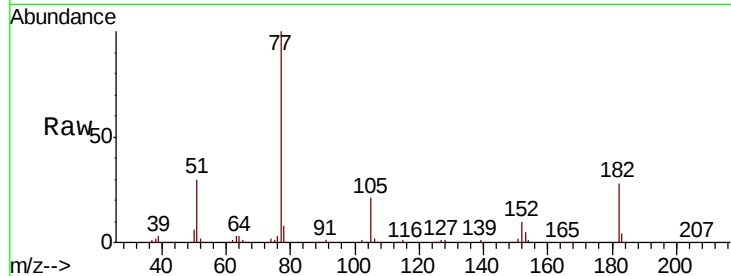
#63
Azobenzene
Concen: 44.047 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	517911		
182	28.1	8.0	48.0	
105	21.4	1.3	41.3	
51	29.5	10.7	50.7	

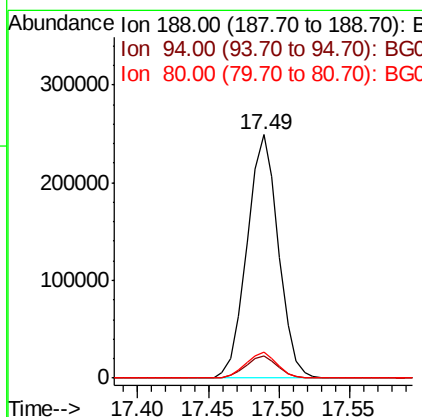
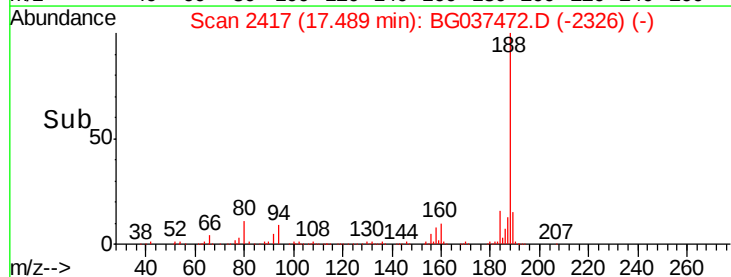
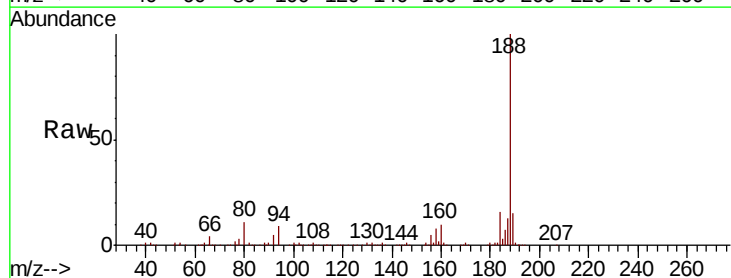
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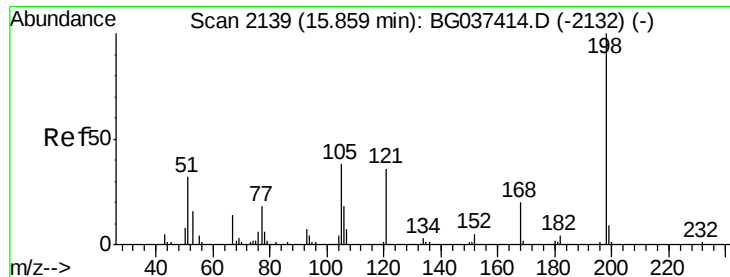
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	388097		
94	9.2	7.2	10.8	
80	10.6	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.659 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

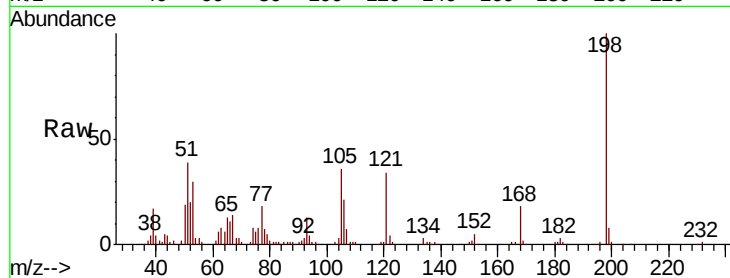
ClientSampleId :

PB113548BSD

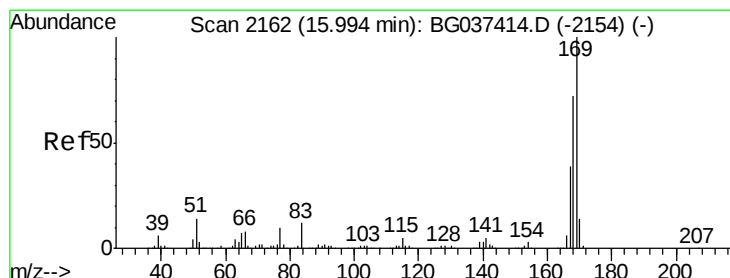
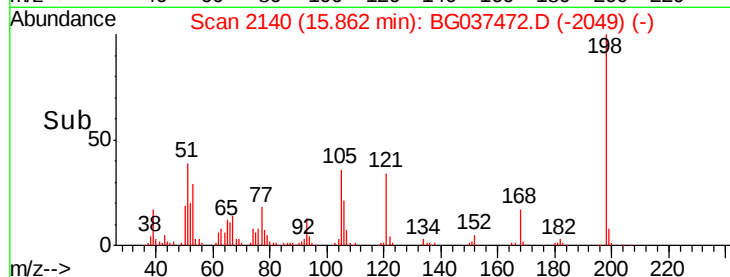
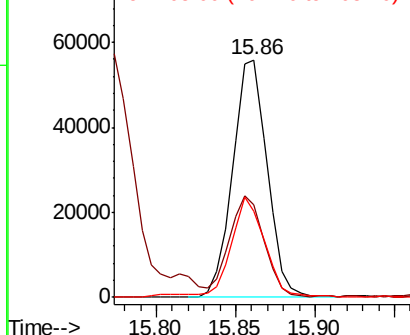
Tgt Ion:	198	Resp:	84535
Ion Ratio	Lower	Upper	
198	100		
51	39.0	22.7	62.7
105	36.1	19.7	59.7

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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: 40.648 ng

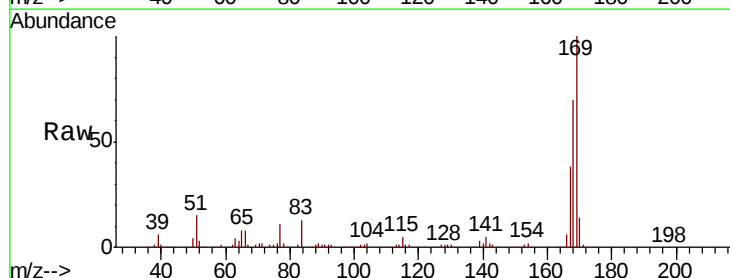
RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

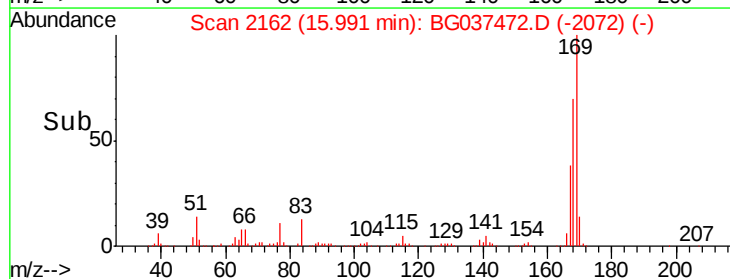
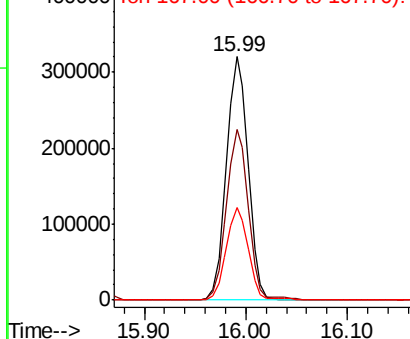
Lab File: BG037472.D

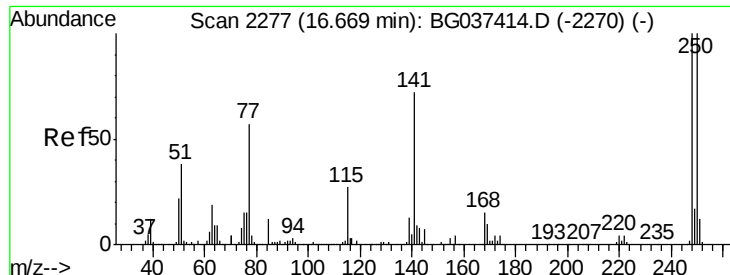
Acq: 20 Oct 2018 4:59

Tgt Ion:	169	Resp:	474529
Ion Ratio	Lower	Upper	
169	100		
168	70.0	55.7	83.5
167	38.2	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: 40.336 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

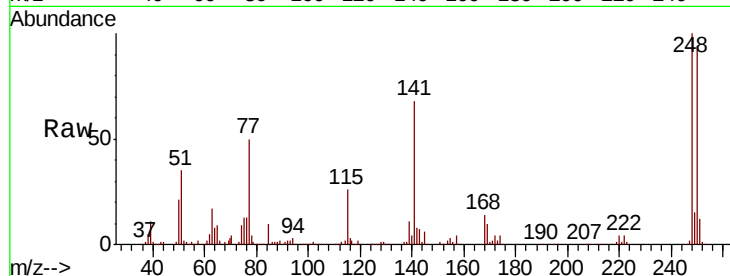
ClientSampleId :

PB113548BSD

Tgt Ion:	248	Resp:	171911
Ion Ratio	Lower	Upper	
248	100		
250	93.7	77.0	115.6
141	67.9	55.5	83.3

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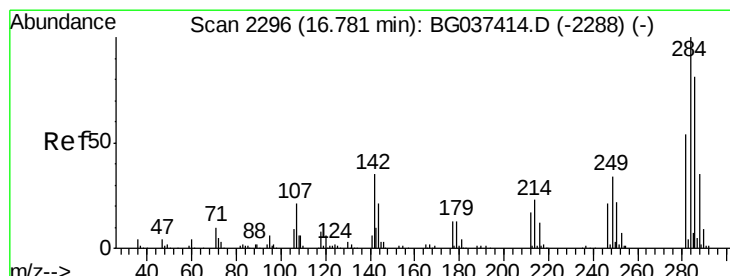
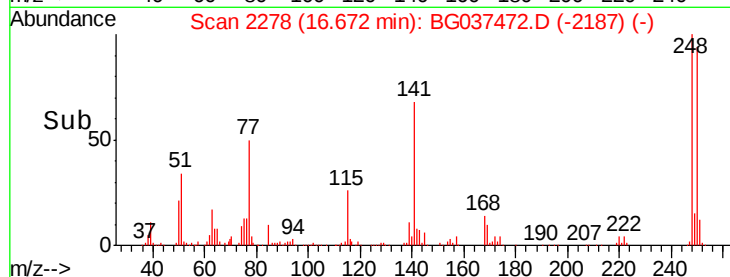
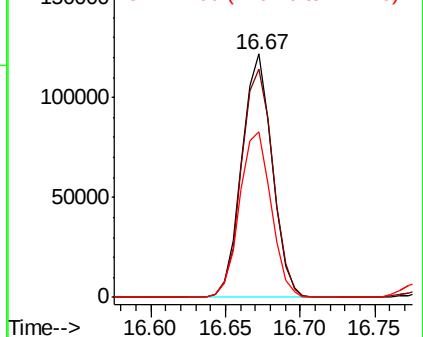


Abundance

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: 38.839 ng

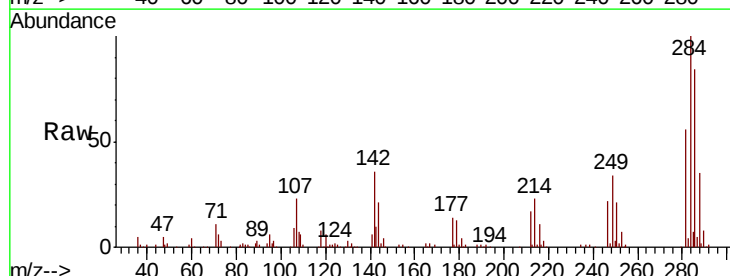
RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt Ion:	284	Resp:	171558
Ion Ratio	Lower	Upper	
284	100		
142	35.6	28.1	42.1
249	36.4	29.8	44.8

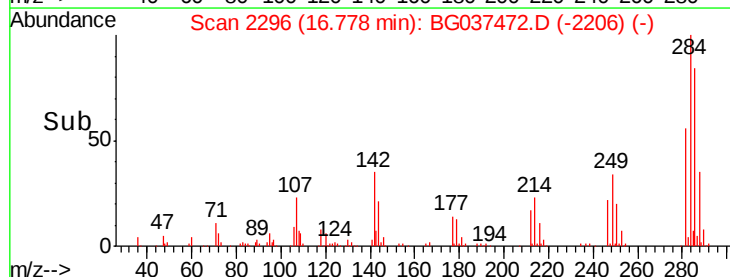
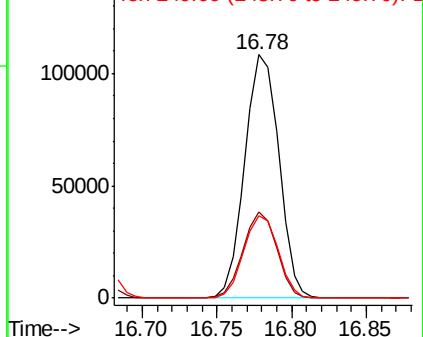


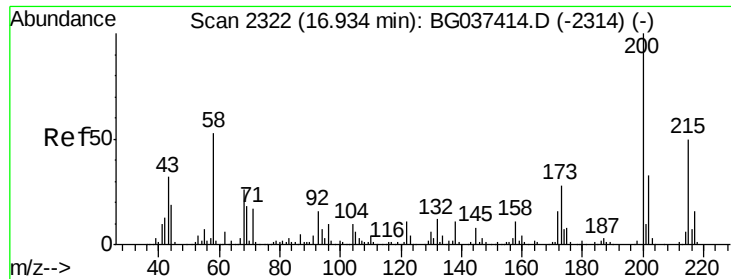
Abundance

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





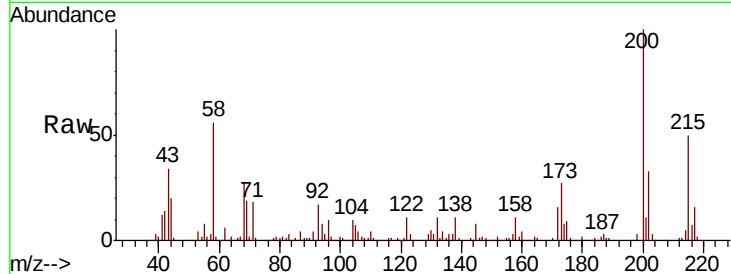
#69
 Atrazine
 Concen: 43.973 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.1	46.1
215	50.4	30.8	70.8

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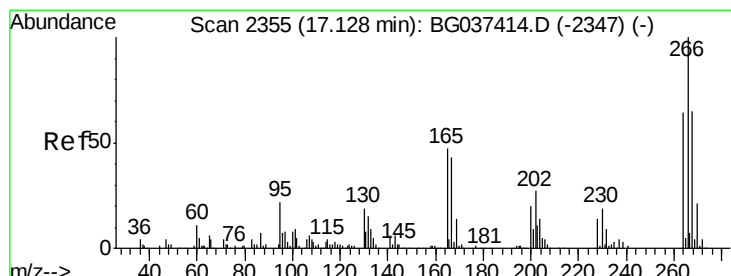
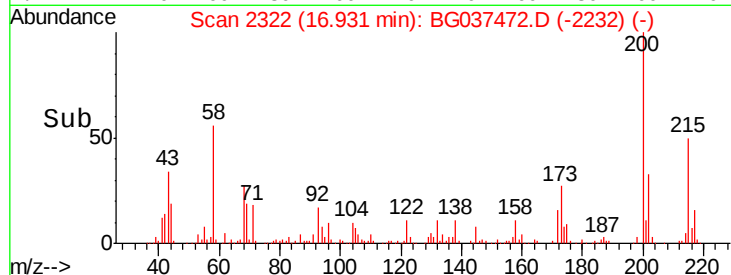
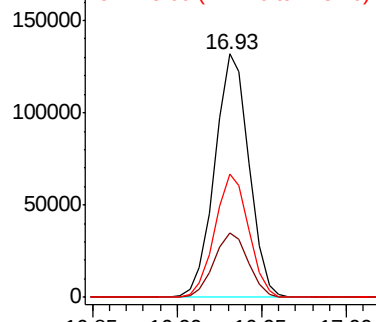


Abundance

Ion 200.00 (199.70 to 200.70): E

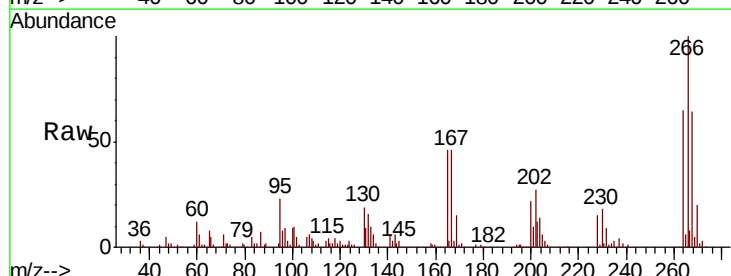
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 74.044 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.1	55.0	82.6
264	70.2	58.9	88.3

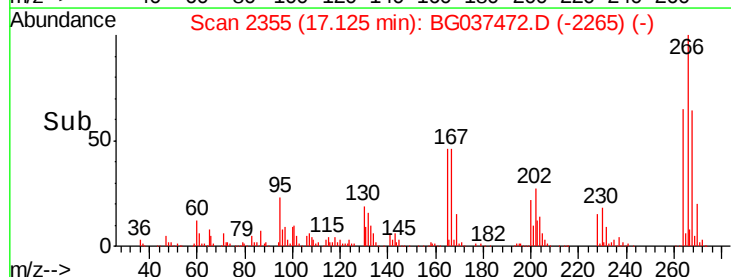
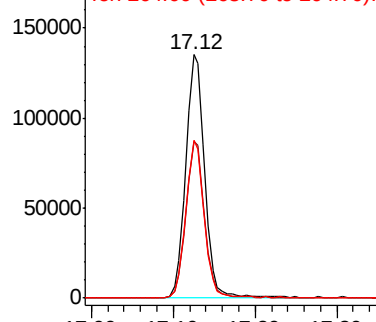


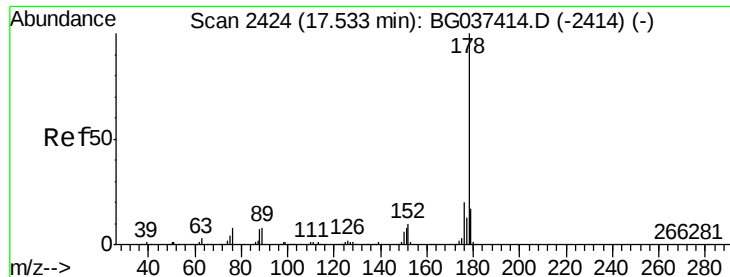
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





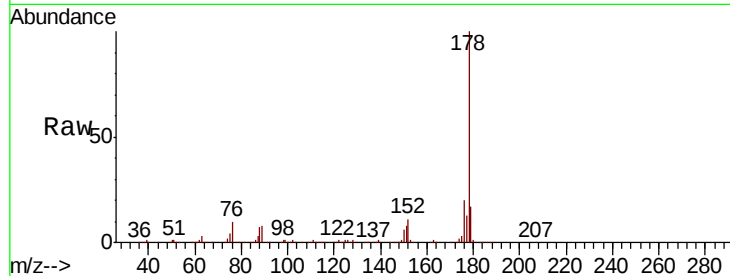
#71
Phenanthrene
Concen: 43.891 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

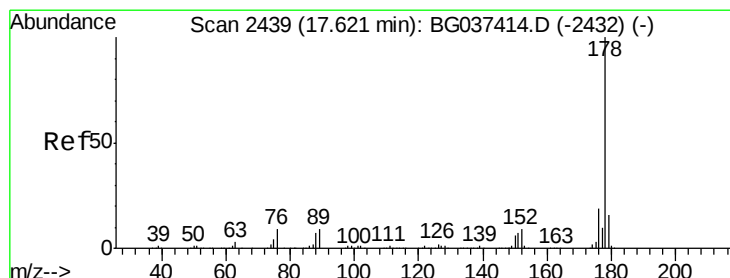
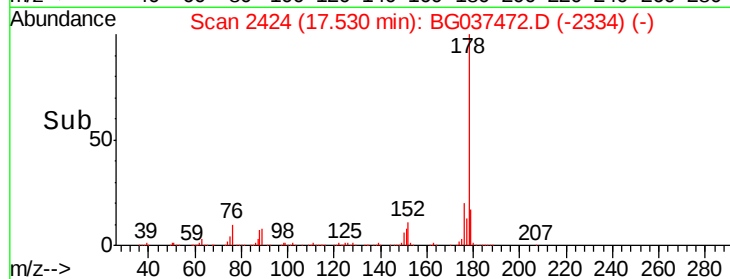
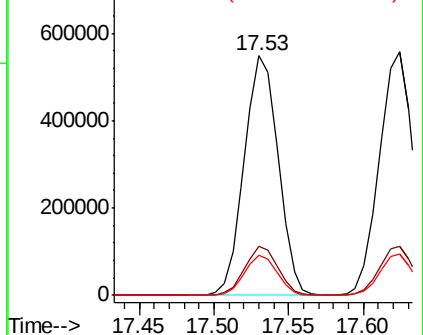
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.8	13.0	19.4

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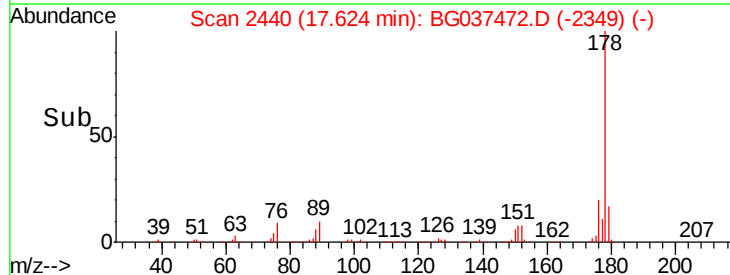
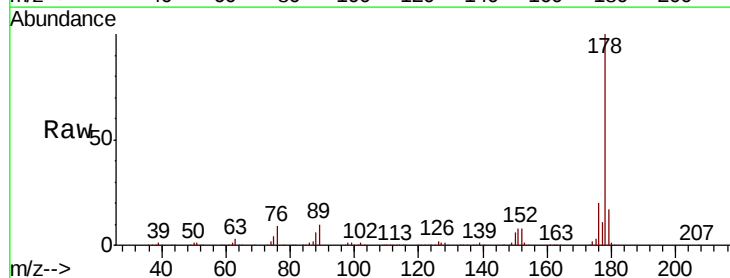
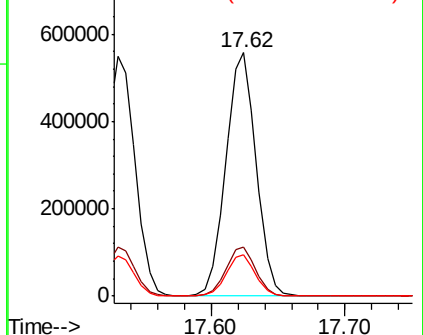
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

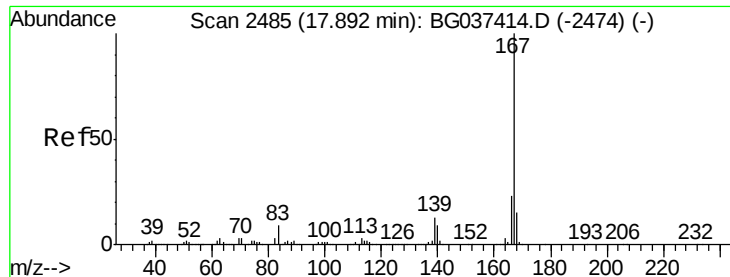


#72
Anthracene
Concen: 45.395 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	16.8	12.8	19.2

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





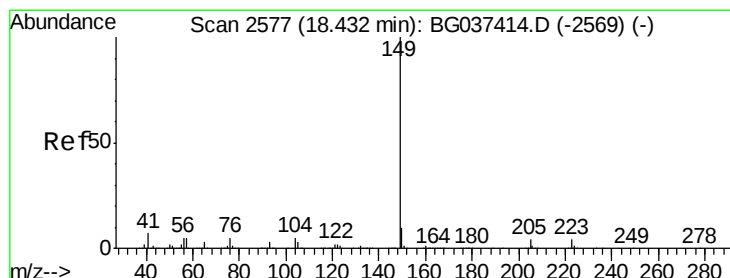
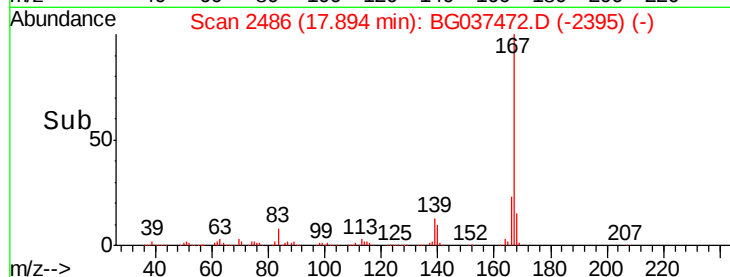
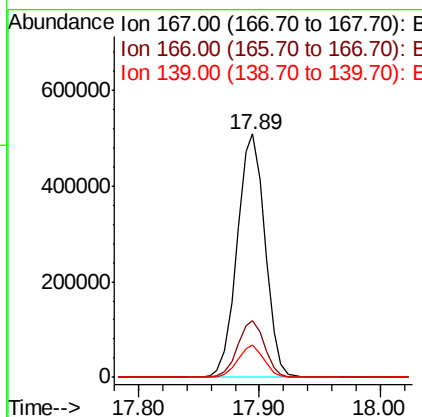
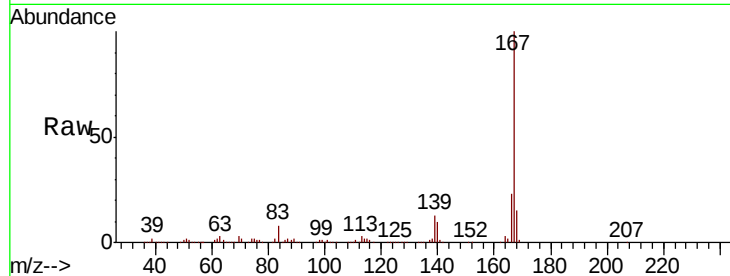
#73
 Carbazole
 Concen: 42.269 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	818425		
166	23.2	18.3	27.5	
139	13.2	10.5	15.7	

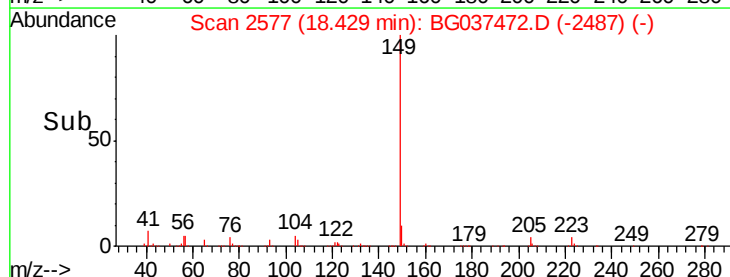
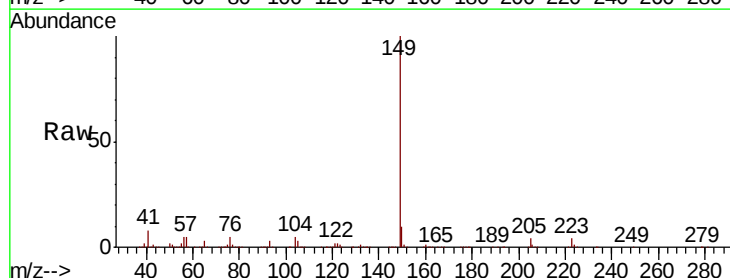
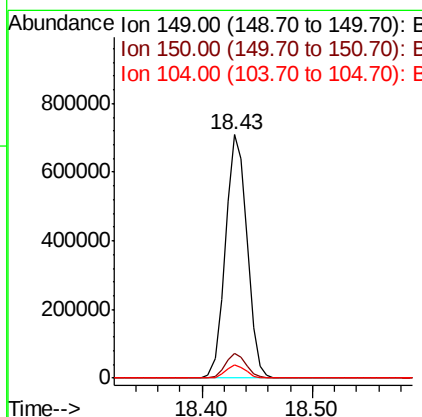
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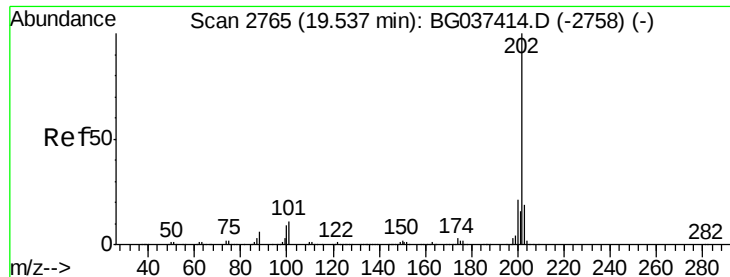
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#74
 Di-n-butylphthalate
 Concen: 45.125 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037472.D
 Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	971942		
150	10.2	8.2	12.2	
104	5.2	4.0	6.0	





#75

Fluoranthene

Concen: 46.571 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

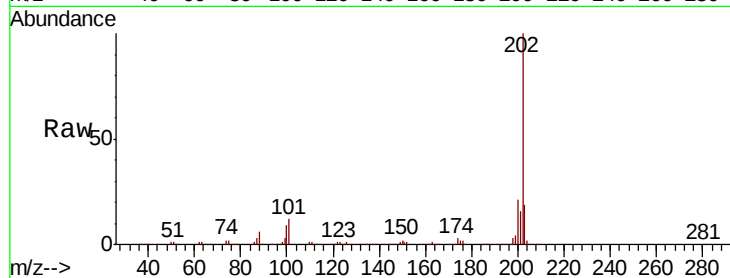
ClientSampleId :

PB113548BSD

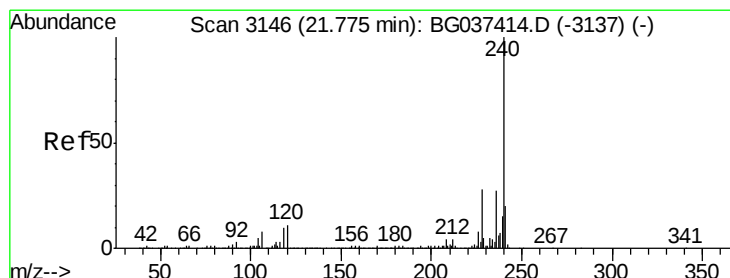
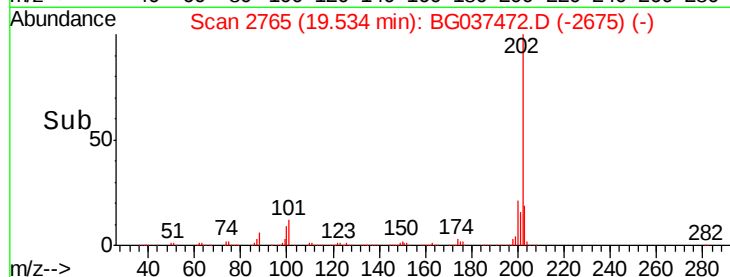
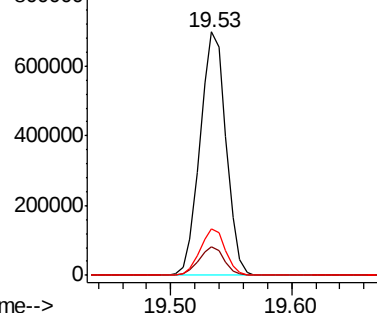
Tgt Ion:	202	Resp:	1041848
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.7
203	18.9	0.0	38.5

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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

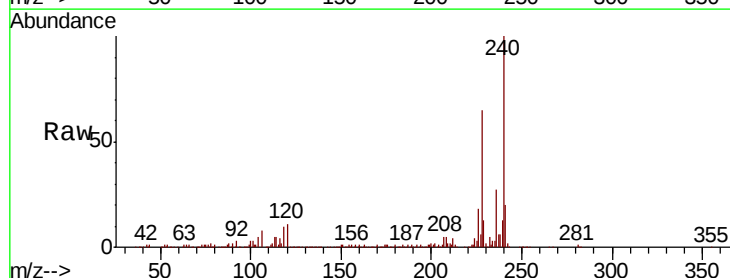
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

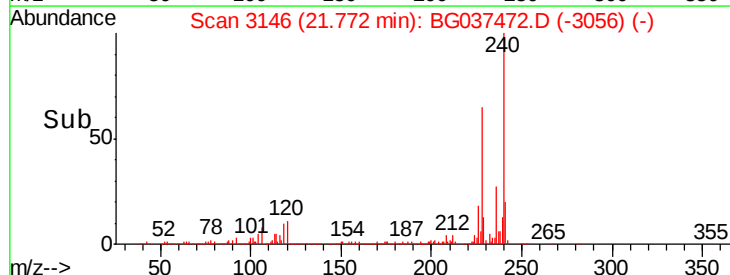
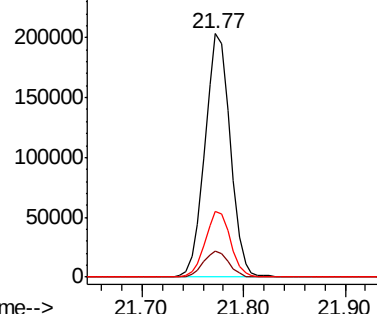
Lab File: BG037472.D

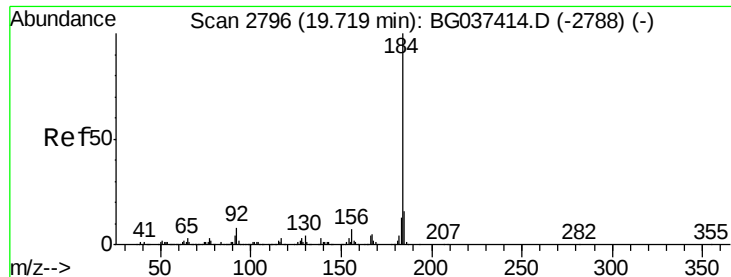
Acq: 20 Oct 2018 4:59

Tgt Ion:	240	Resp:	352372
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	27.1	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: 44.398 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

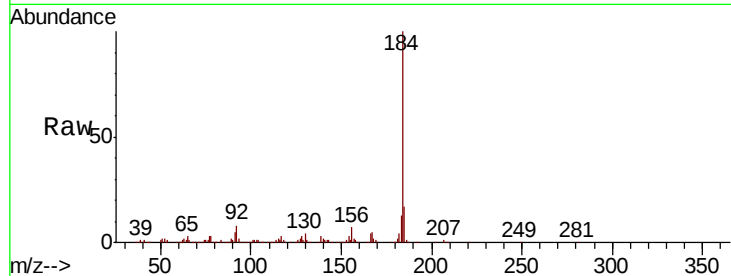
ClientSampleId :

PB113548BSD

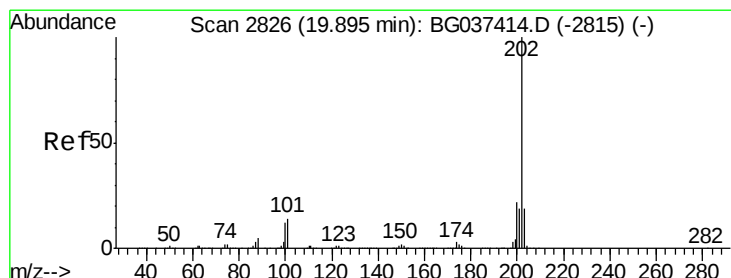
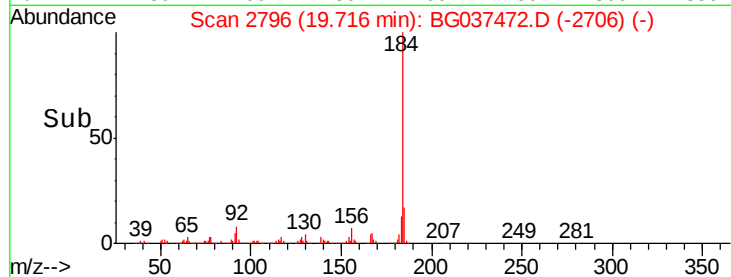
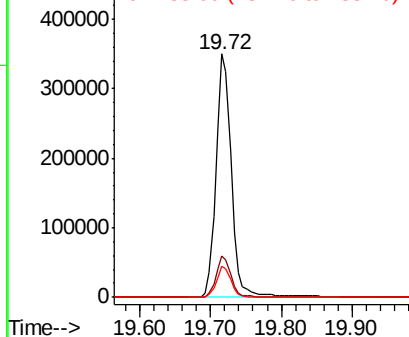
Tgt Ion:	184	Resp:	531952
Ion Ratio	Lower	Upper	
184	100		
185	17.1	12.6	18.8
183	12.7	10.2	15.2

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



#78

Pyrene

Concen: 44.778 ng

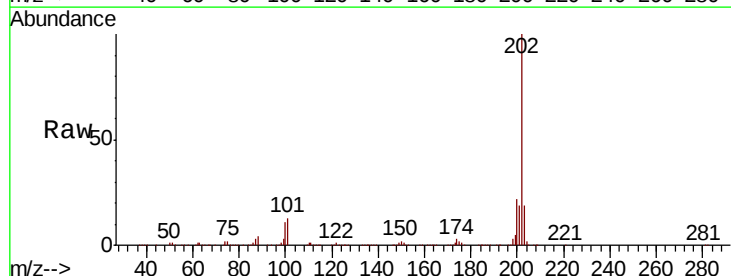
RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

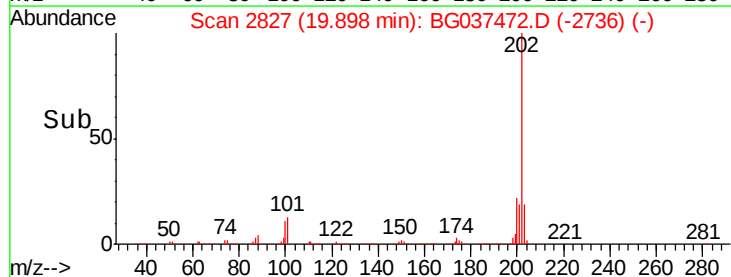
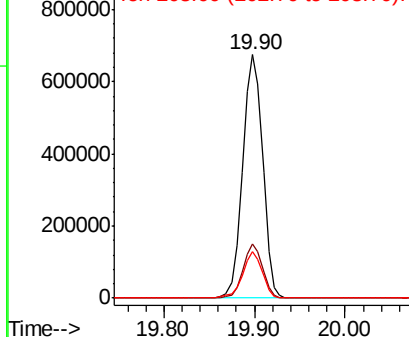
Lab File: BG037472.D

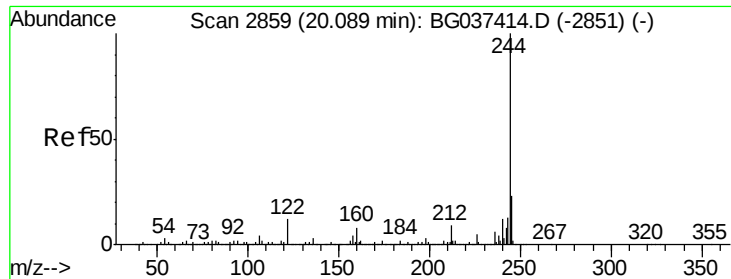
Acq: 20 Oct 2018 4:59

Tgt Ion:	202	Resp:	1031461
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.6
203	19.2	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.488 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion:244 Resp: 1409780

Ion Ratio Lower Upper

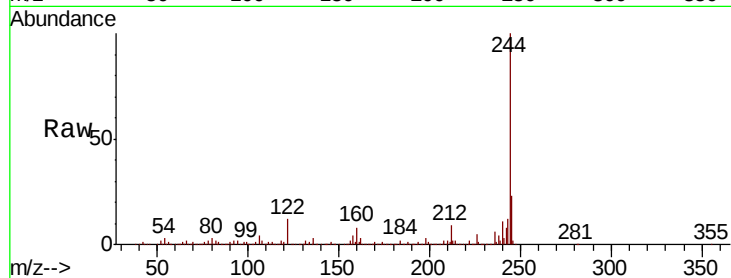
244 100

212 8.6 6.5 9.7

122 11.7 9.0 13.4

Manual Integrations
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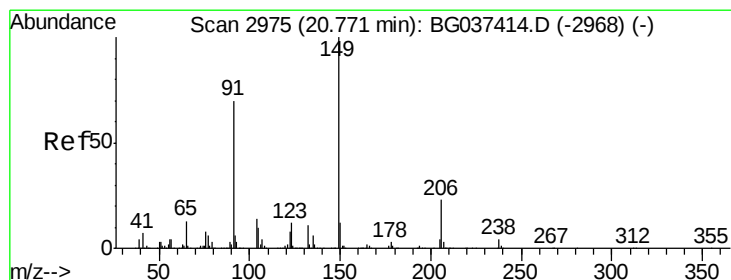
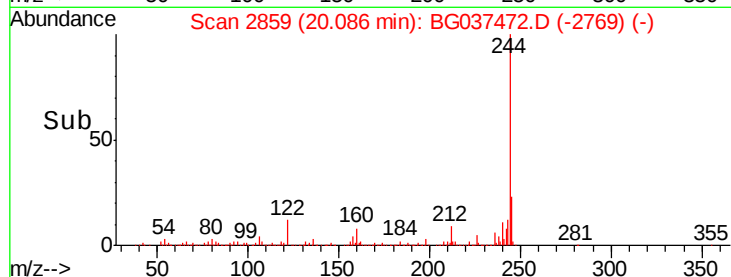
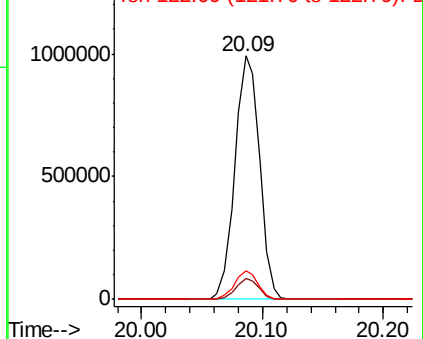
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.228 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

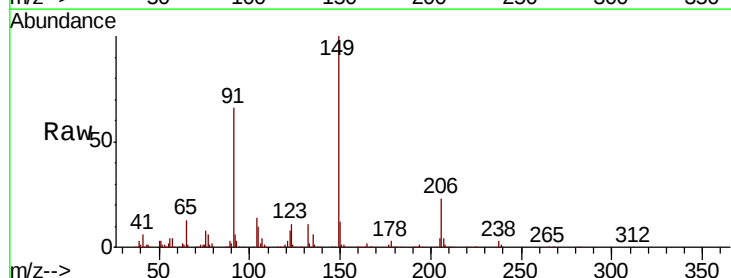
Tgt Ion:149 Resp: 435810

Ion Ratio Lower Upper

149 100

91 66.5 57.0 85.4

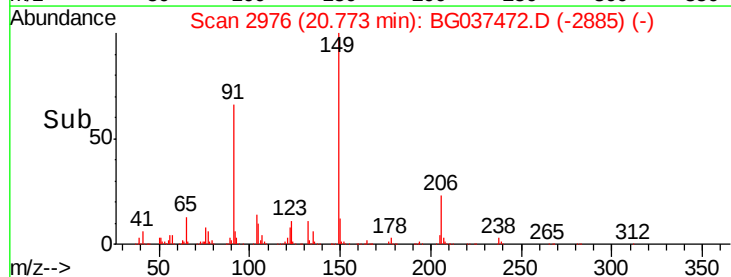
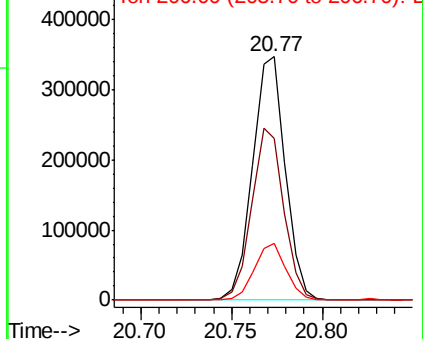
206 23.1 17.8 26.6

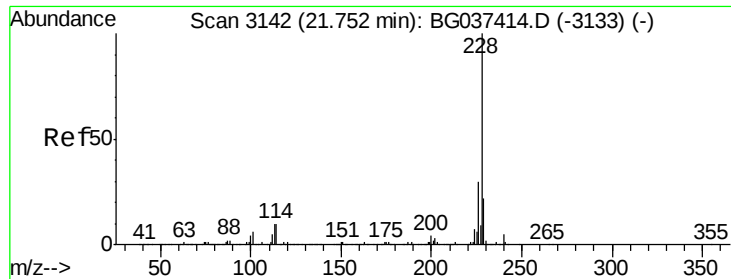


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.223 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

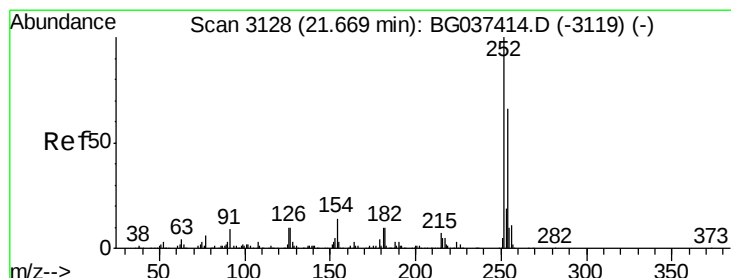
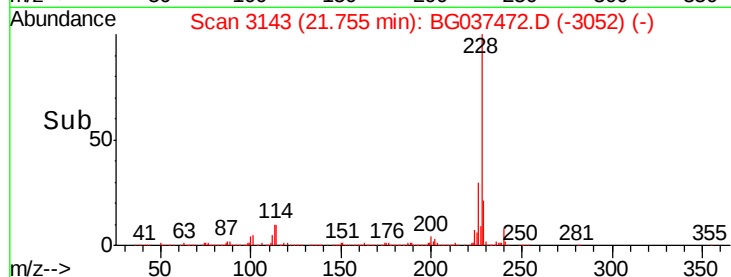
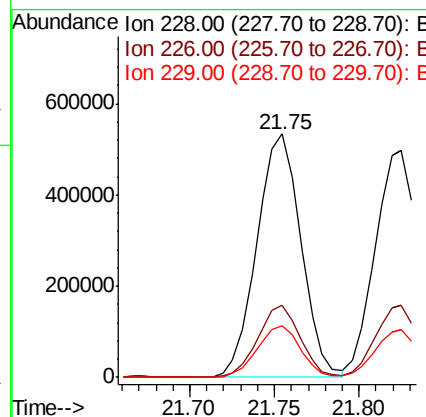
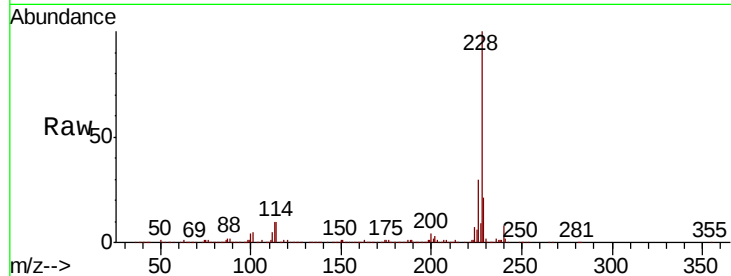
ClientSampleId :

PB113548BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		963401		
226	29.6		22.6	33.8	
229	21.1		16.3	24.5	

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 33.847 ng

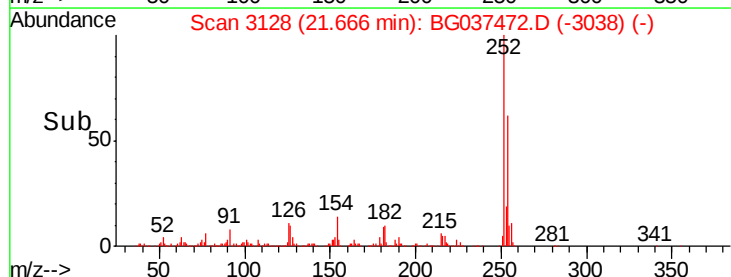
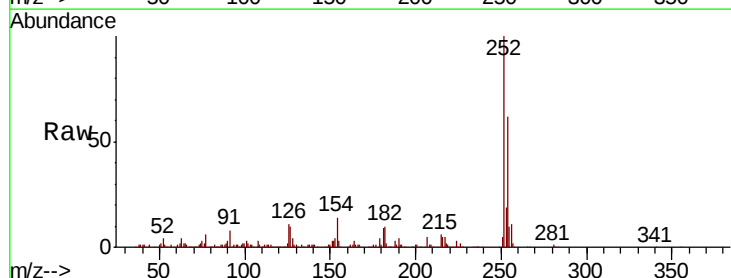
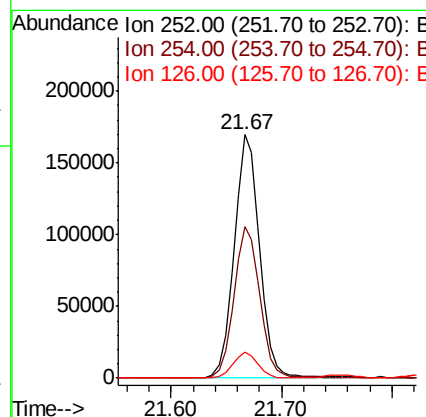
RT: 21.67 min Scan# 3128

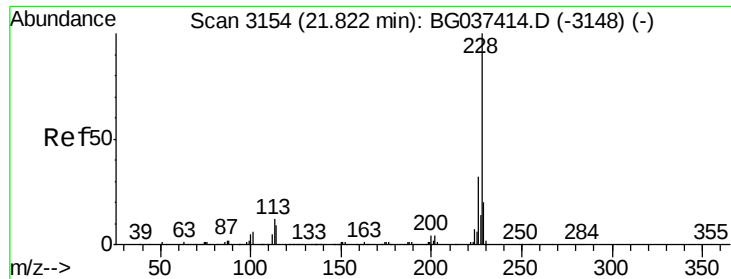
Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		273443		
254	62.1		52.0	78.0	
126	10.7		8.2	12.4	





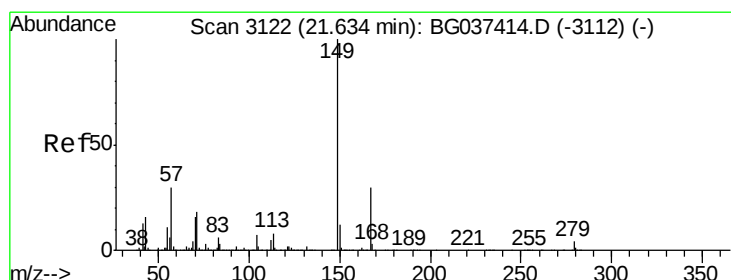
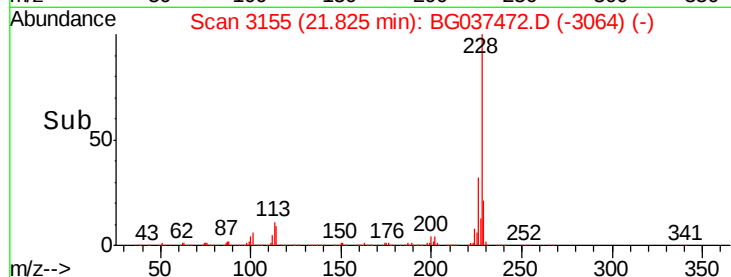
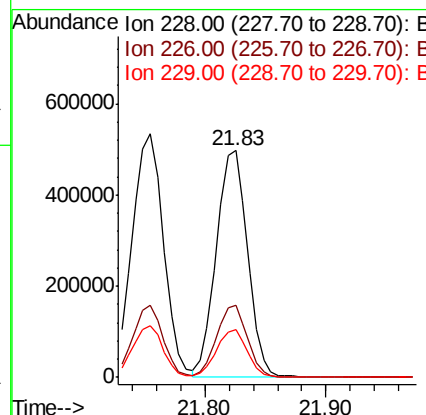
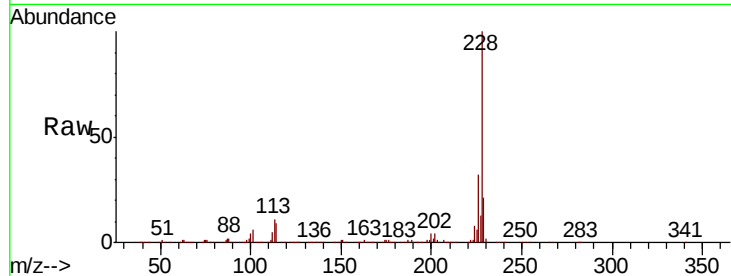
#83
Chrysene
Concen: 44.376 ng
RT: 21.83 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	20.9	16.5	24.7

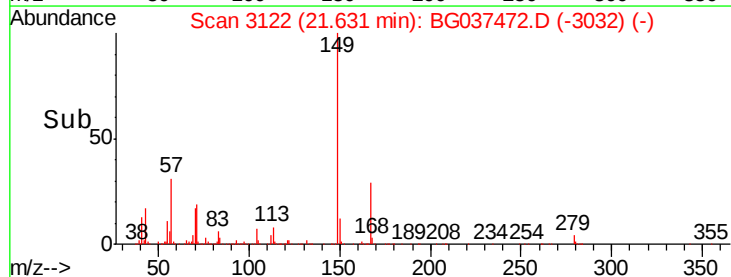
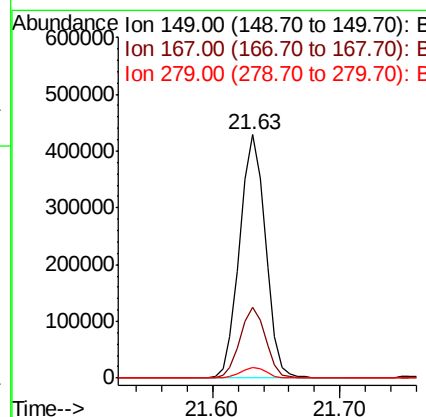
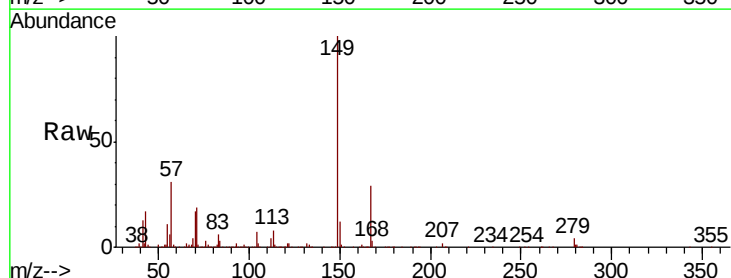
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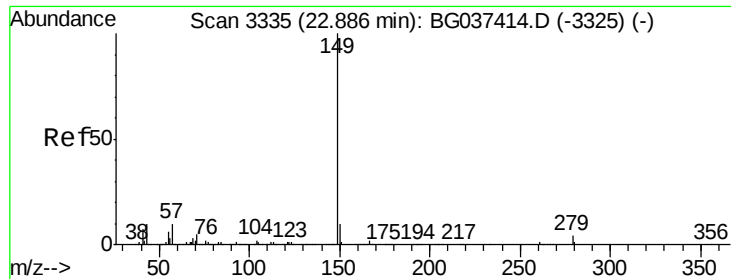
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.785 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.446 ng

RT: 22.88 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB113548BSD

Tgt Ion:149 Resp: 1022379

Ion Ratio Lower Upper

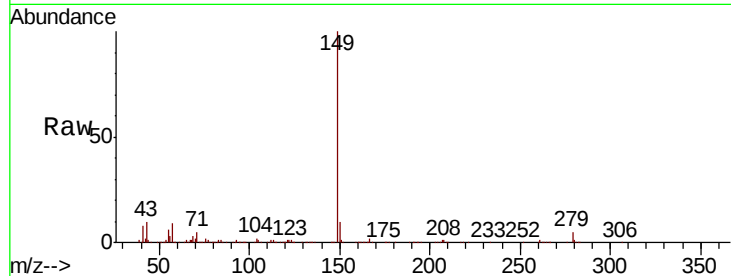
149 100

167 1.6 1.3 1.9

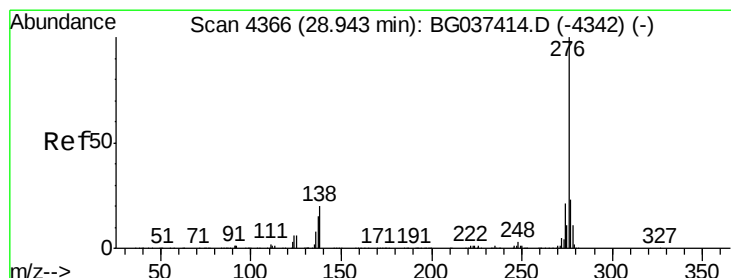
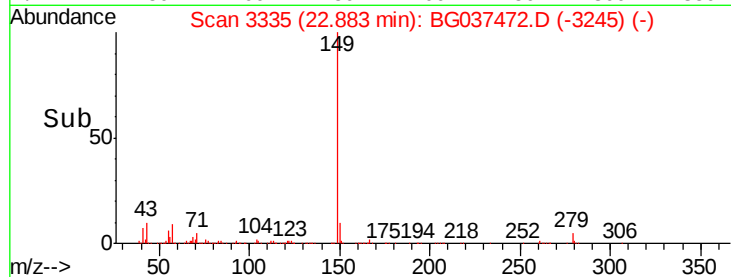
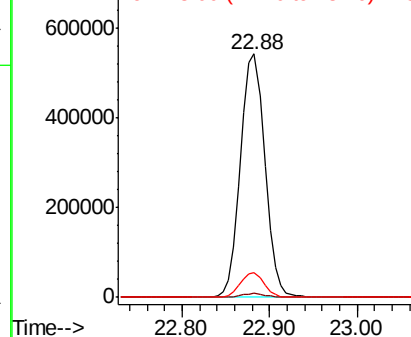
43 10.1 8.7 13.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.154 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

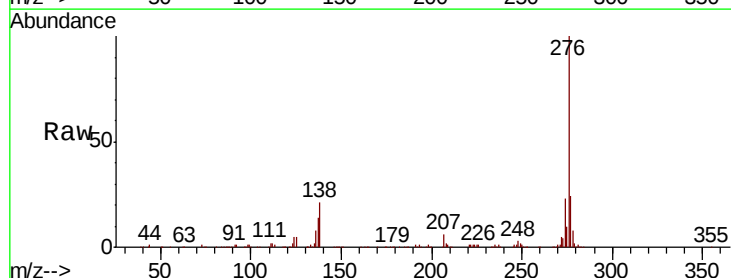
Tgt Ion:276 Resp: 992114

Ion Ratio Lower Upper

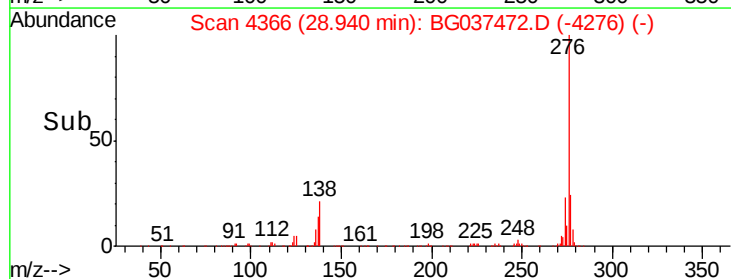
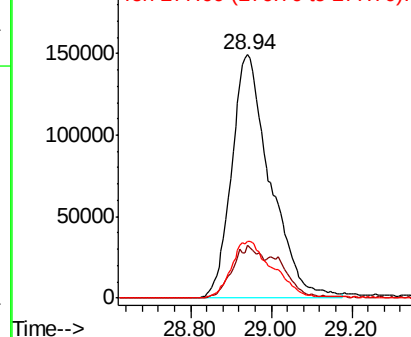
276 100

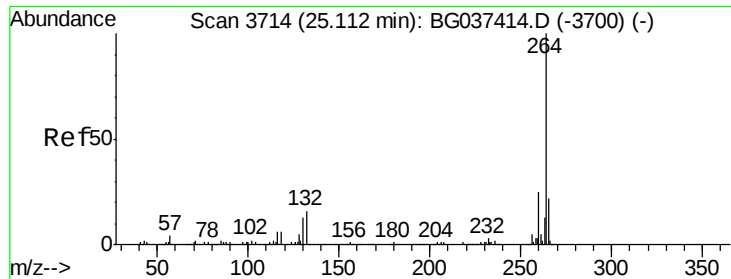
138 16.6 12.0 18.0

277 25.2 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

Instrument :

BNA_G

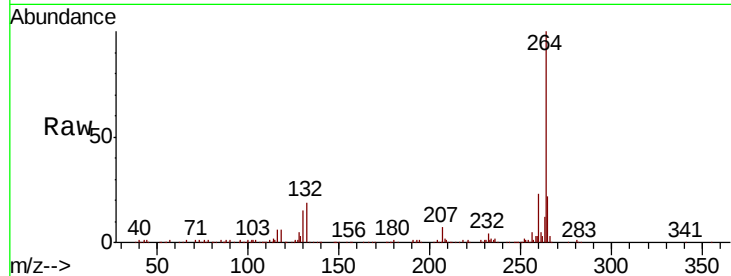
ClientSampleId :

PB113548BSD

Tgt Ion:	264	Resp:	371947
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	22.1	17.9	26.9

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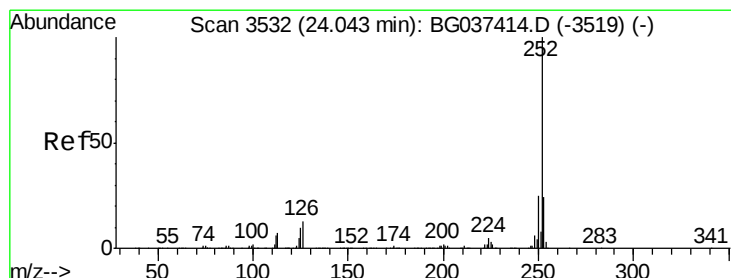
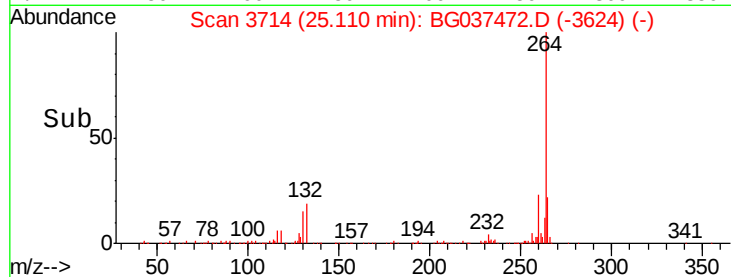
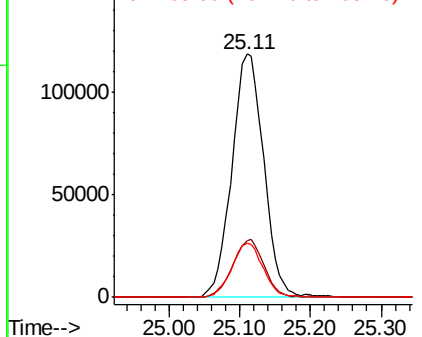


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.876 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037472.D

Acq: 20 Oct 2018 4:59

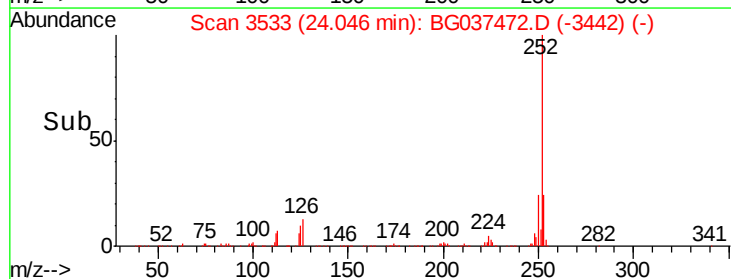
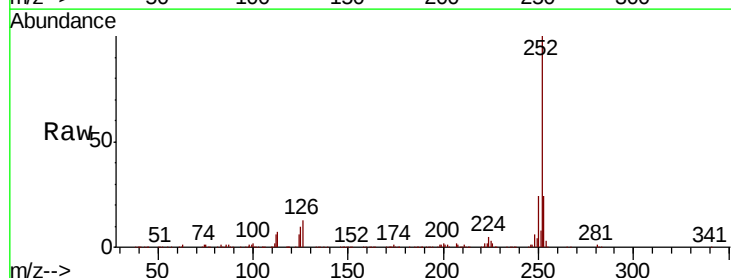
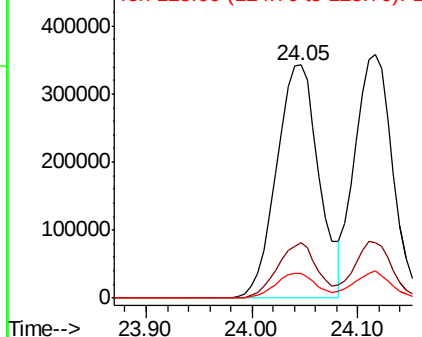
Tgt Ion:	252	Resp:	955870
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	10.5	7.8	11.6

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





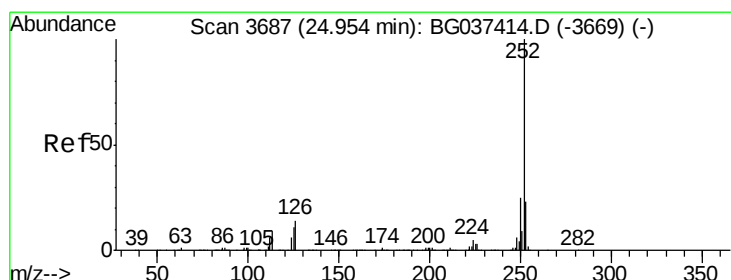
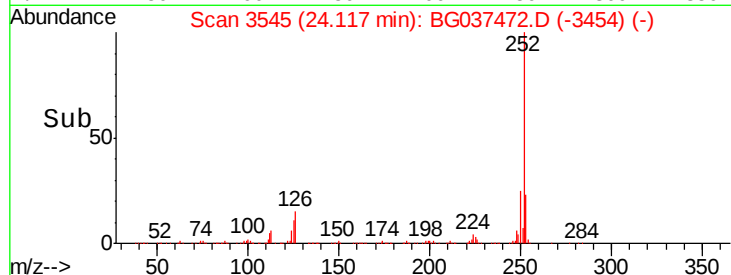
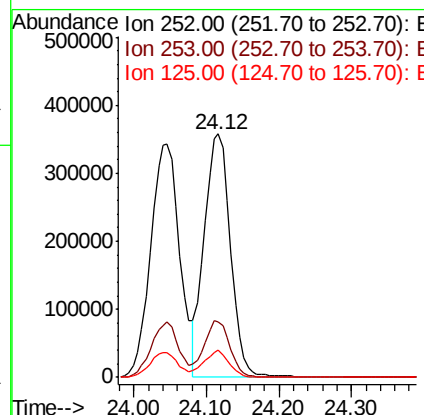
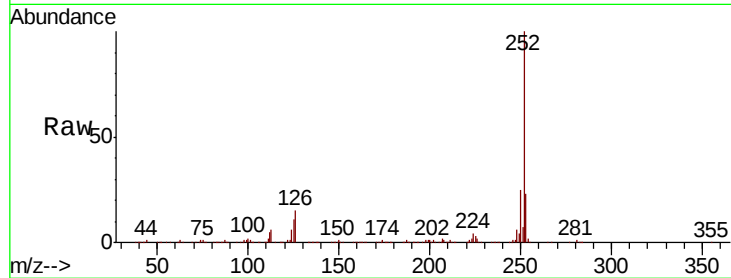
#89
Benzo(k)fluoranthene
Concen: 44.771 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

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

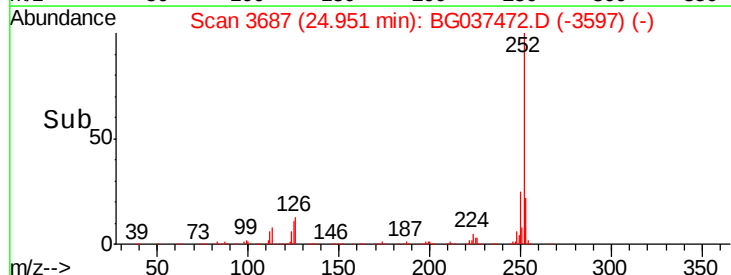
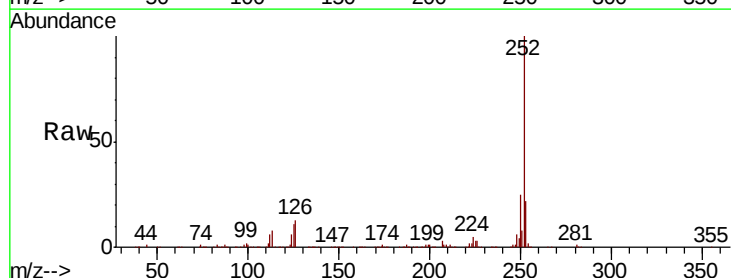
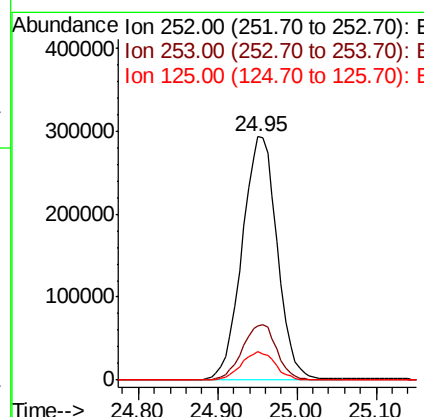
Manual Integrations
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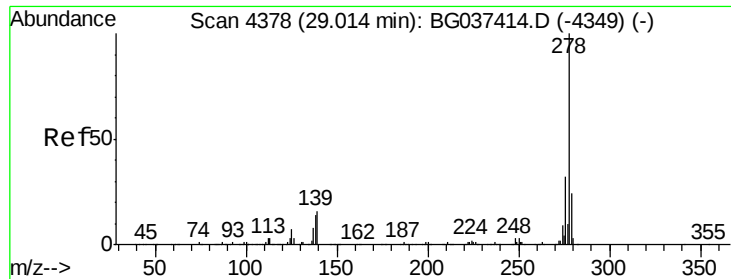
Sohil
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#90
Benzo(a)pyrene
Concen: 46.414 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.5	9.0	13.6





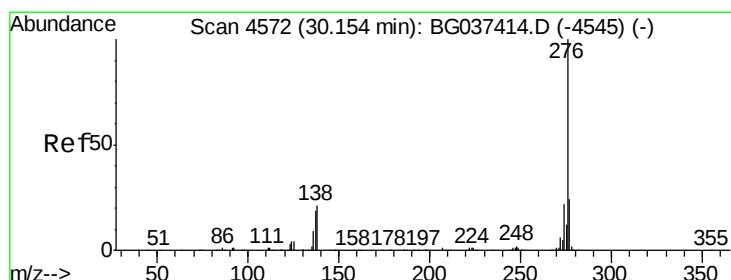
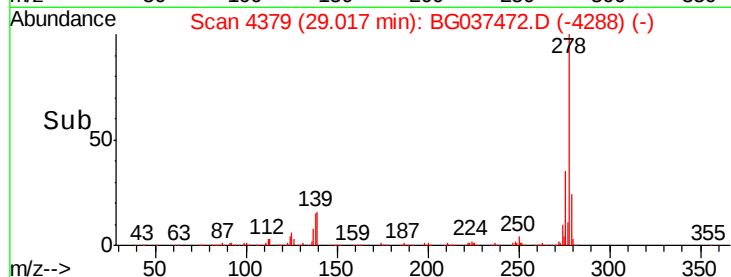
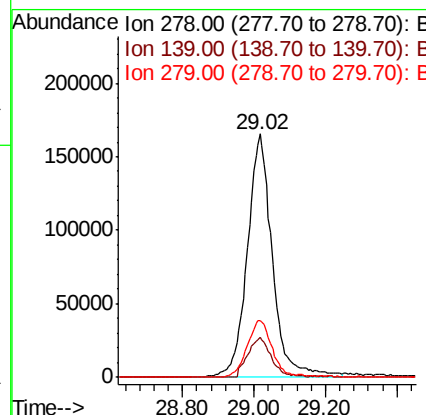
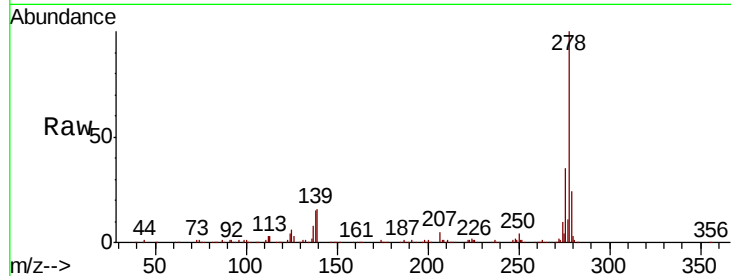
#91
Dibenzo(a,h)anthracene
Concen: 45.256 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB113548BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	23.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/22/2018 3:39:41 PM



#92
Benzo(g,h,i)perylene
Concen: 45.440 ng
RT: 30.15 min Scan# 4572
Delta R.T. -0.00 min
Lab File: BG037472.D
Acq: 20 Oct 2018 4:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	21.4	17.2	25.8

