

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037680.D
 Acq On : 31 Oct 2018 8:59
 Operator : JU/SJ
 Sample : PB114248BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:24 AM

Quant Time: Oct 31 09:34:51 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	8.10	152	52243	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	244763	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163133	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	394151	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354968	20.00	ng	0.00
87) Perylene-d12	25.10	264	361582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	559054	178.91	ng	0.00
7) Phenol-d6	7.25	99	797238	168.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	357489	81.82	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	290787	163.43	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	855631	79.09	ng	0.00
79) Terphenyl-d14	20.08	244	1279904	77.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	49593	31.295	ng	95
3) Pyridine	3.93	79	145892	36.526	ng	93
4) n-Nitrosodimethylamine	3.85	42	65271	45.880	ng	# 92
6) Aniline	7.42	93	208442	36.160	ng	98
8) 2-Chlorophenol	7.66	128	170406	46.615	ng	97
9) Benzaldehyde	7.24	77	131303	44.422	ng	97
10) Phenol	7.28	94	232189	46.572	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	153509	40.541	ng	96
12) 1,3-Dichlorobenzene	7.99	146	162840	40.013	ng	98
13) 1,4-Dichlorobenzene	8.14	146	167761	40.299	ng	99
14) 1,2-Dichlorobenzene	8.45	146	159184	39.751	ng	98
15) Benzyl Alcohol	8.34	79	154117	44.142	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	283012	41.772	ng	98
17) 2-Methylphenol	8.54	107	157029	47.642	ng	98
18) Hexachloroethane	9.18	117	58589	41.283	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	130053	39.969	ng	94
20) 3+4-Methylphenols	8.86	107	218947	46.461	ng	99
22) Acetophenone	8.93	105	248369	40.461	ng	97
24) Nitrobenzene	9.32	77	190609	41.993	ng	95
25) Isophorone	9.83	82	374469	46.906	ng	98
26) 2-Nitrophenol	10.03	139	95530	46.718	ng	98
27) 2,4-Dimethylphenol	10.07	122	185913	50.922	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	227342	43.464	ng	99
29) 2,4-Dichlorophenol	10.56	162	187202	46.052	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	175577	39.718	ng	97
31) Naphthalene	10.97	128	524553	43.632	ng	99
32) Benzoic acid	10.20	122	108924	45.934	ng	99
33) 4-Chloroaniline	11.09	127	143663	25.433	ng	97
34) Hexachlorobutadiene	11.23	225	98517	37.602	ng	96
35) Caprolactam	11.87	113	68795m	42.197	ng	
36) 4-Chloro-3-methylphenol	12.18	107	207150	45.186	ng	99
37) 2-Methylnaphthalene	12.57	142	397880	45.401	ng	99
38) 1-Methylnaphthalene	12.79	142	382184	44.906	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	202852	38.551	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	241001	95.883	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	157922	44.923	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	172026	44.945	nq	98
46) 1,1'-Biphenyl	13.57	154	527030	39.010	nq	98
47) 2-Chloronaphthalene	13.62	162	417244	40.822	nq	98
48) 2-Nitroaniline	13.82	65	138978	44.838	nq	98
49) Acenaphthylene	14.46	152	694619	45.178	nq	99
50) Dimethylphthalate	14.19	163	541115	42.877	nq	100
51) 2,6-Dinitrotoluene	14.31	165	125040	44.787	nq	91
52) Acenaphthene	14.80	154	404470	42.715	nq	98
53) 3-Nitroaniline	14.65	138	108657	35.058	nq #	93
54) 2,4-Dinitrophenol	14.85	184	70473	65.013	nq	97
55) Dibenzofuran	15.13	168	649752	41.415	nq	100
56) 4-Nitrophenol	14.95	139	271388	118.297	nq	98
57) 2,4-Dinitrotoluene	15.10	165	174018	47.484	nq	97
58) Fluorene	15.78	166	529161	45.041	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	153659	46.889	nq	99
60) Diethylphthalate	15.54	149	557502	43.028	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	277434	40.514	nq	98
62) 4-Nitroaniline	15.81	138	136386	44.285	nq	93
63) Azobenzene	16.06	77	534722	43.255	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	74573	38.172	nq	99
66) n-Nitrosodiphenylamine	15.99	169	487257	41.097	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	172395	39.829	nq	96
68) Hexachlorobenzene	16.77	284	173865	38.757	nq	98
69) Atrazine	16.93	200	182906	42.669	nq	97
70) Pentachlorophenol	17.12	266	199557	66.411	nq	95
71) Phenanthrene	17.52	178	872545	43.558	nq	100
72) Anthracene	17.62	178	885919	45.065	nq	98
73) Carbazole	17.89	167	806479	41.012	nq	99
74) Di-n-butylphthalate	18.42	149	957908	43.790	nq	100
75) Fluoranthene	19.53	202	1011605	44.525	nq	98
77) Benzidine	19.71	184	476171	39.451	nq	100
78) Pyrene	19.89	202	1006278	43.365	nq	100
80) Butylbenzylphthalate	20.76	149	432851	45.579	nq	98
81) Benzo(a)anthracene	21.75	228	934245	44.496	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	254118	31.225	nq	100
83) Chrysene	21.81	228	873272	43.254	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	606666	45.574	nq	99
85) Di-n-octyl phthalate	22.87	149	1021971	47.080	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	939414	43.383	nq	99
88) Benzo(b)fluoranthene	24.03	252	928458	46.837	nq	99
89) Benzo(k)fluoranthene	24.11	252	888244	45.735	nq	98
90) Benzo(a)pyrene	24.95	252	891857	47.347	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	734474	42.271	nq	96
92) Benzo(g,h,i)perylene	30.13	276	758028	43.122	nq	98

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

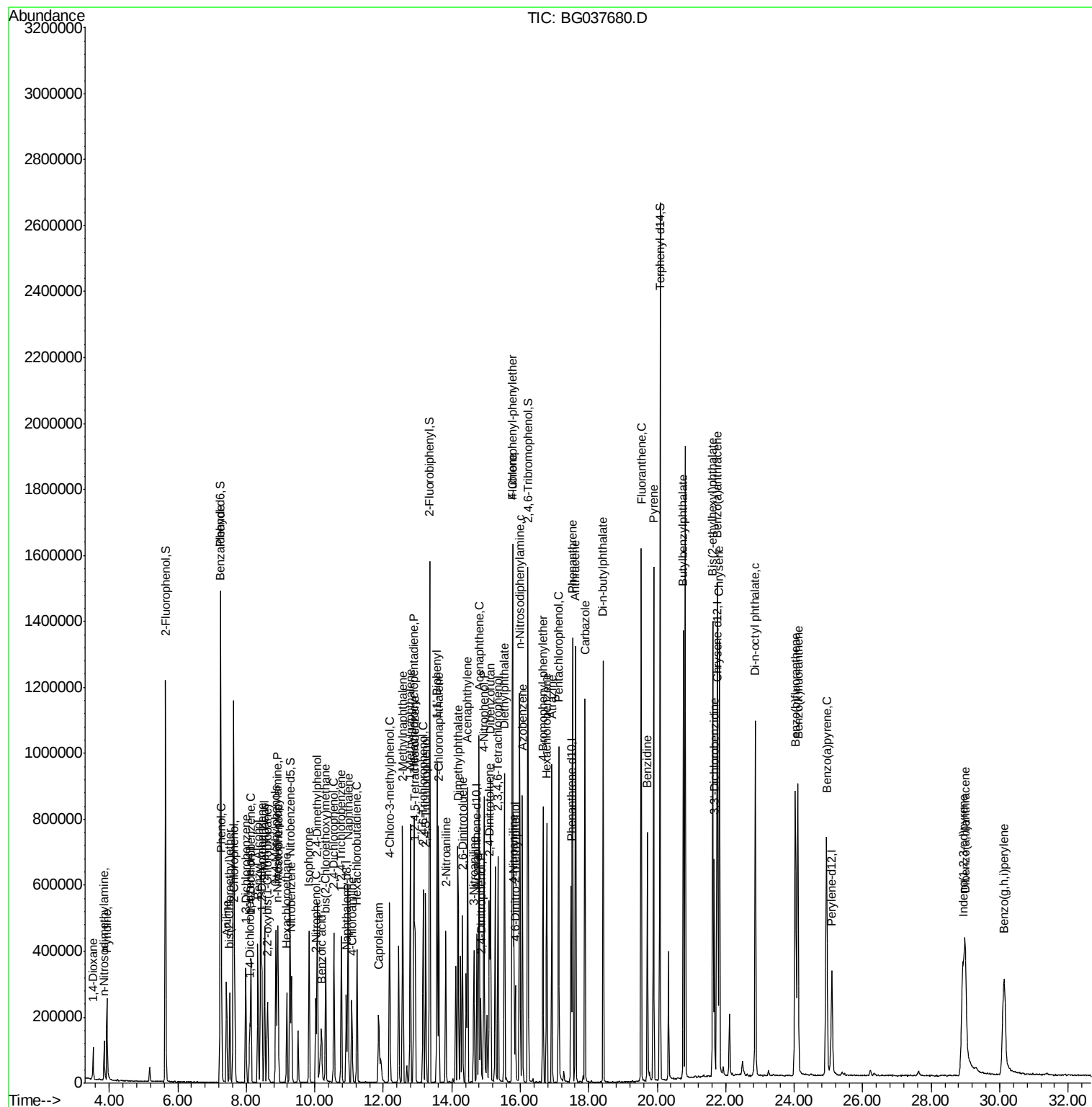
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
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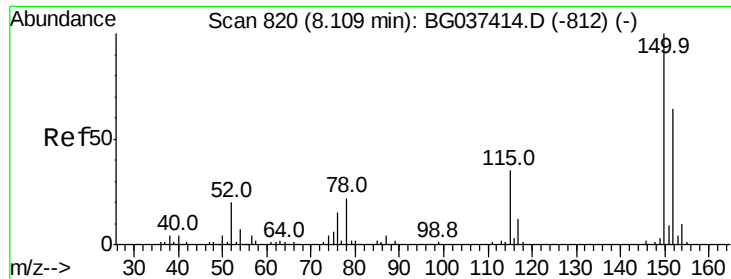
Instrument :
BNA_G
ClientSampled :
PB114248BS

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#1

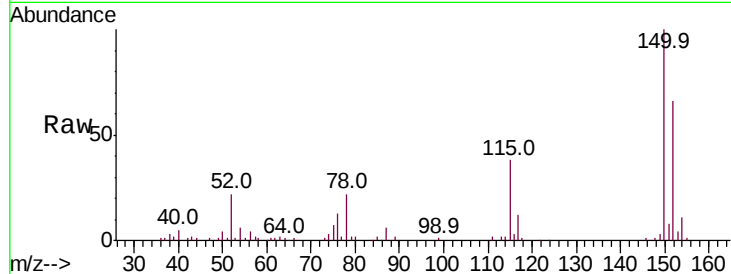
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.0	189.0
115	57.8	45.5	68.3

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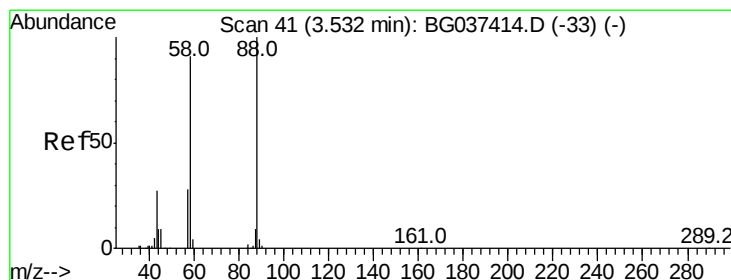
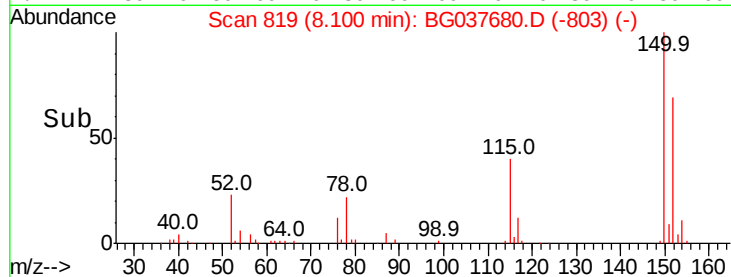
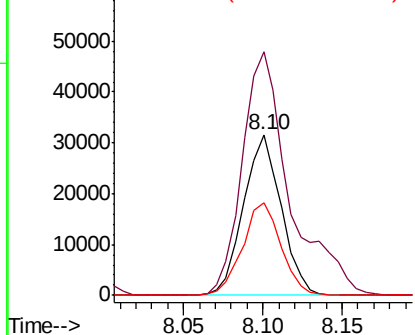


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

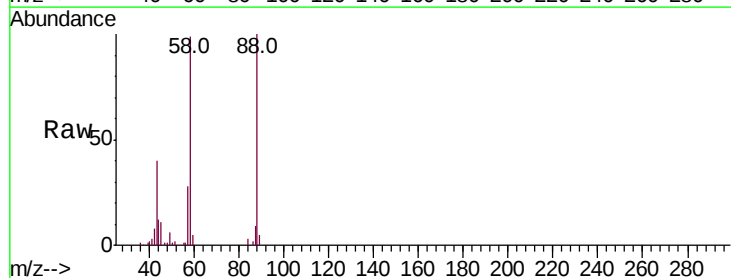
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.295 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	74.4	111.6
43	36.1	25.8	38.8

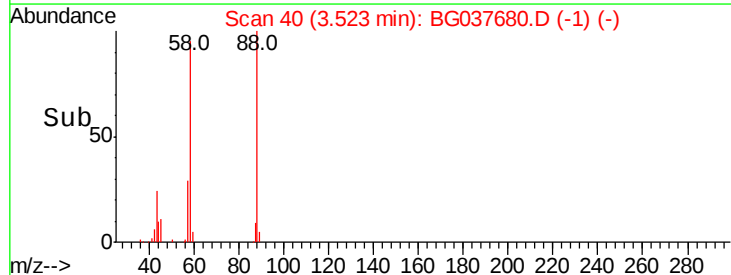
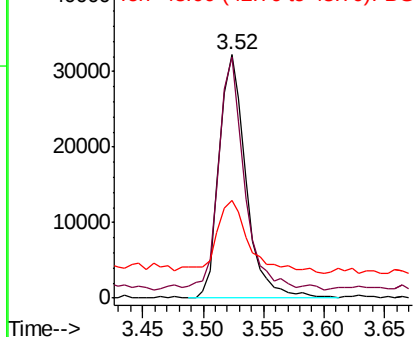


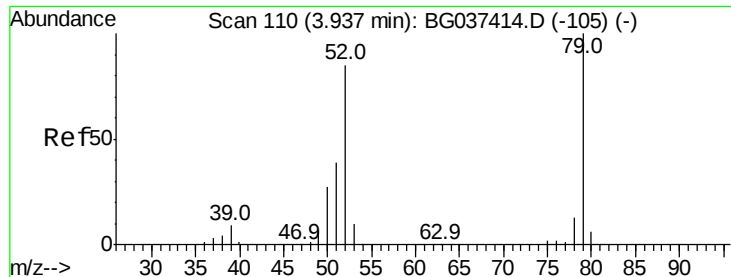
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.526 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

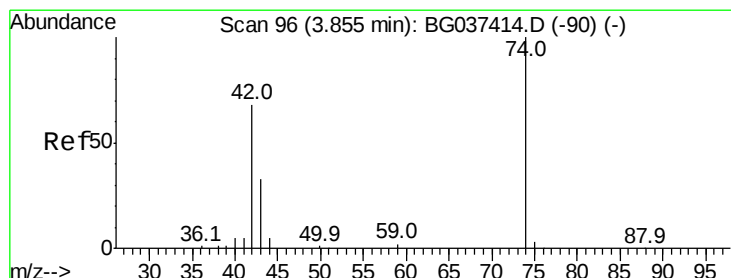
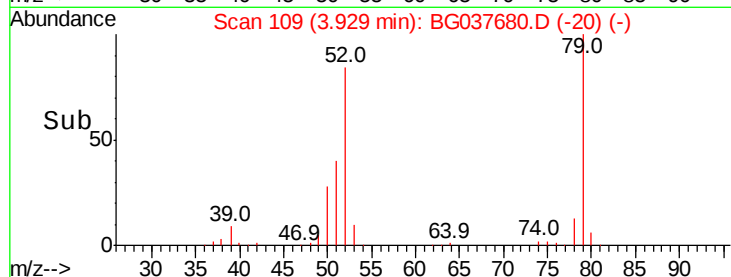
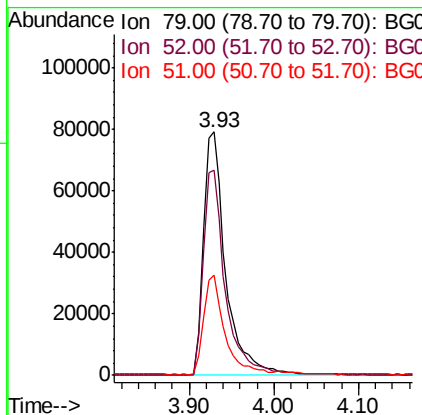
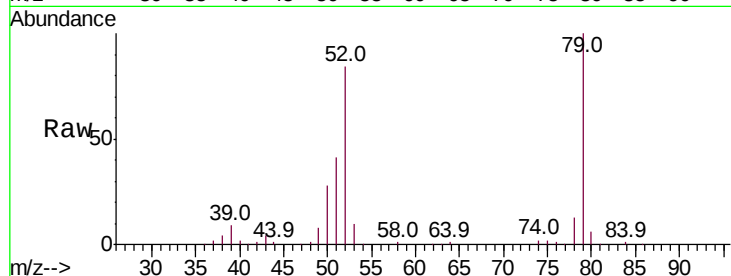
ClientSampleId :

PB114248BS

Tot Ion:	79	Resp:	145892
Ion Ratio	Lower	Upper	
79	100		
52	84.3	74.2	111.2
51	41.2	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 45.880 ng

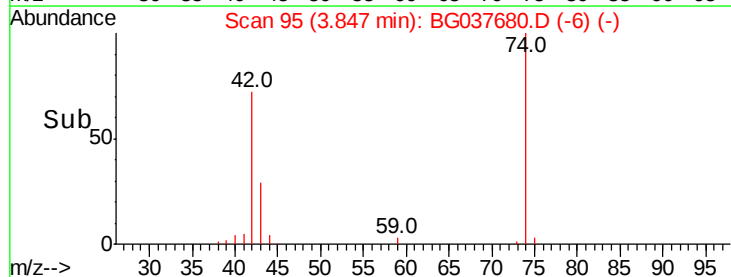
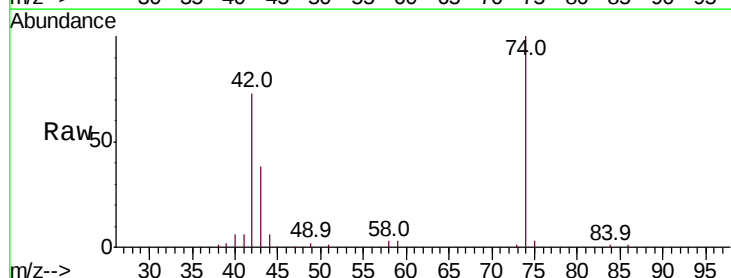
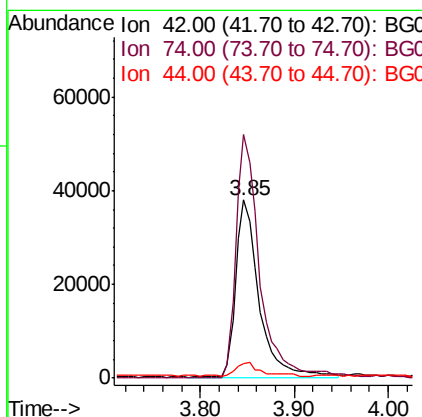
RT: 3.85 min Scan# 95

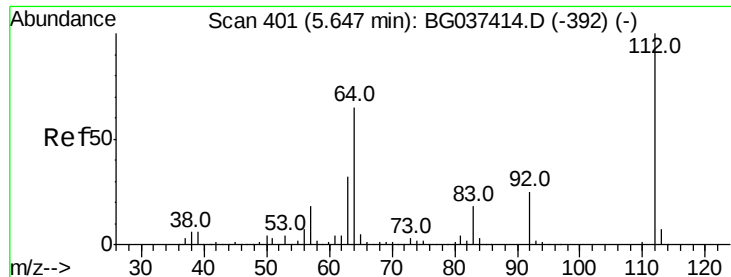
Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	42	Resp:	65271
Ion Ratio	Lower	Upper	
42	100		
74	136.6	102.0	153.0
44	8.3	9.6	14.4#





#5

2-Fluorophenol

Concen: 178.906 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

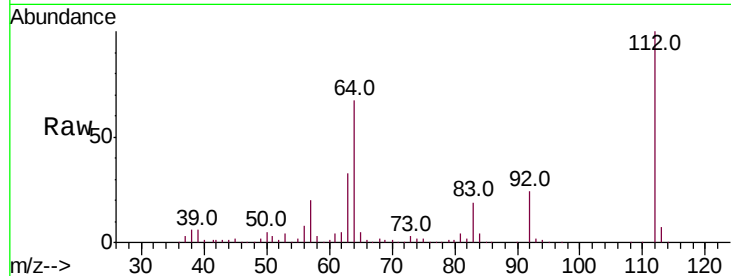
ClientSampleId :

PB114248BS

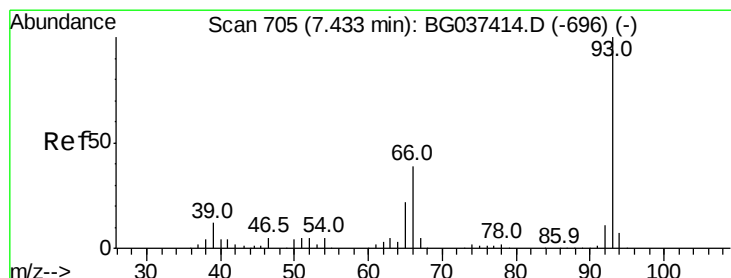
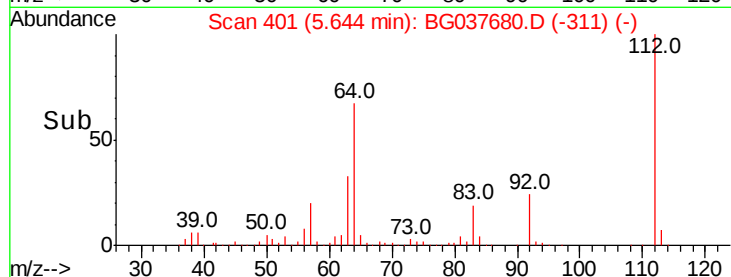
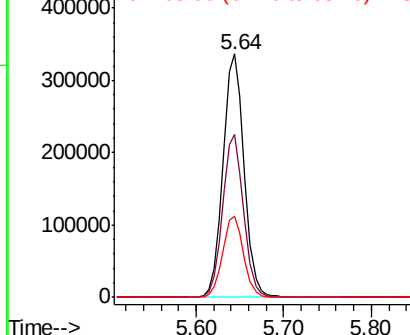
Tot Ion:	112	Resp:	559054
Ion Ratio	Lower	Upper	
112	100		
64	66.9	53.1	79.7
63	33.3	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.160 ng

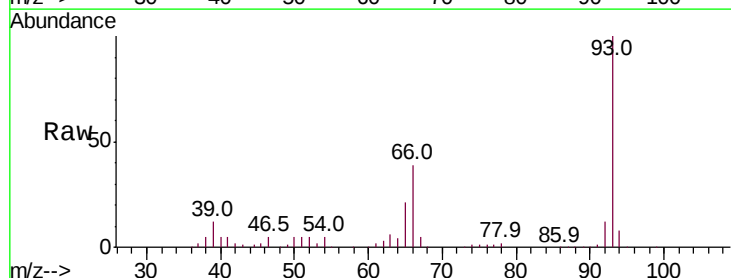
RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

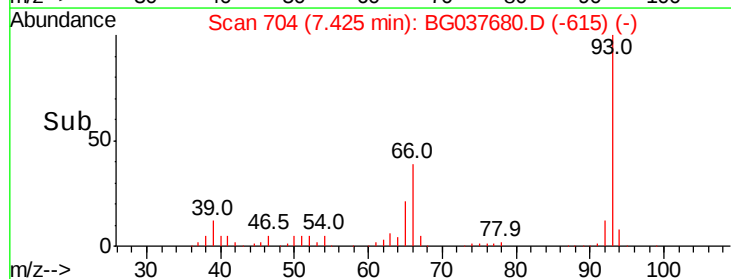
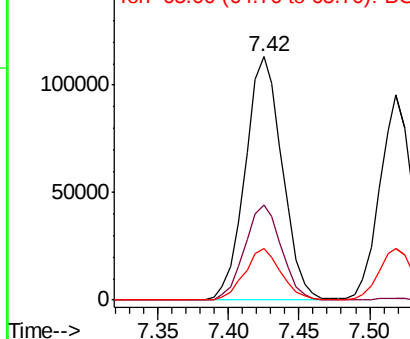
Lab File: BG037680.D

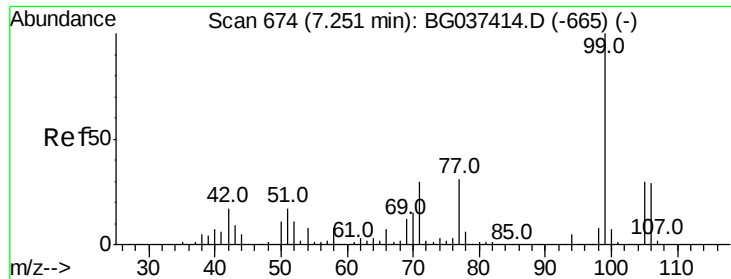
Acq: 31 Oct 2018 8:59

Tgt Ion:	93	Resp:	208442
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.8	49.2
65	21.2	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 168.721 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

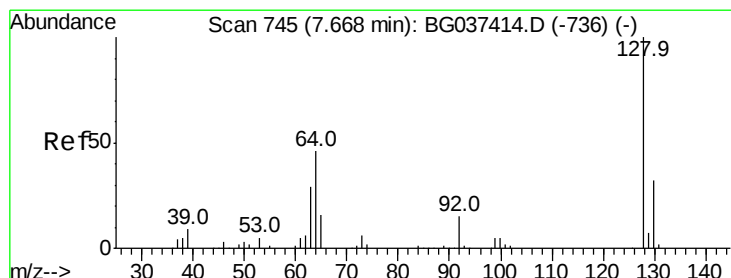
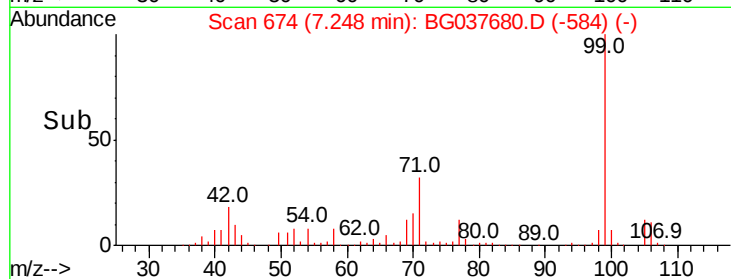
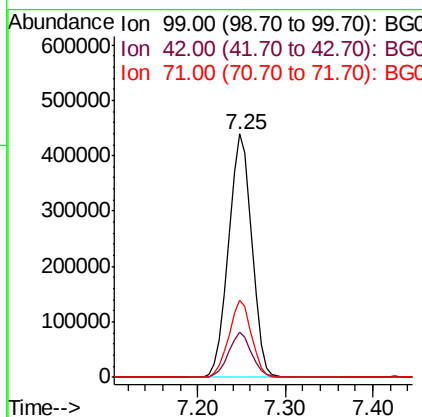
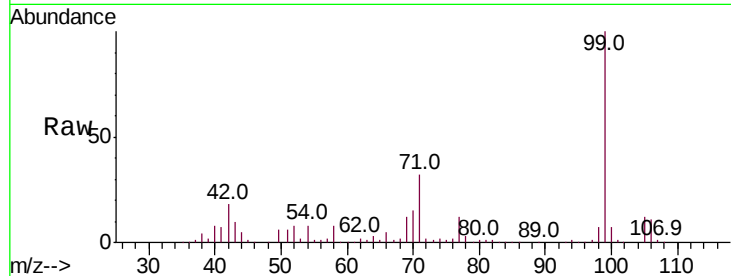
ClientSampled :

PB114248BS

Tot Ion:	99	Resp:	797238
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.0	22.4
71	31.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.615 ng

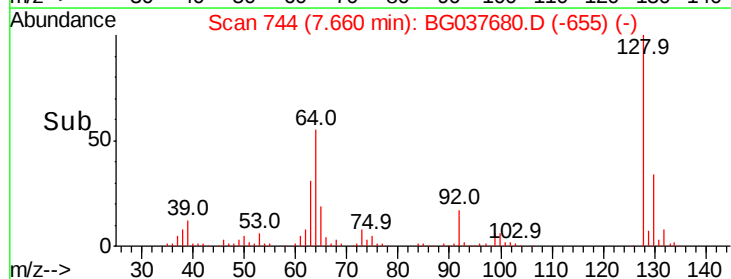
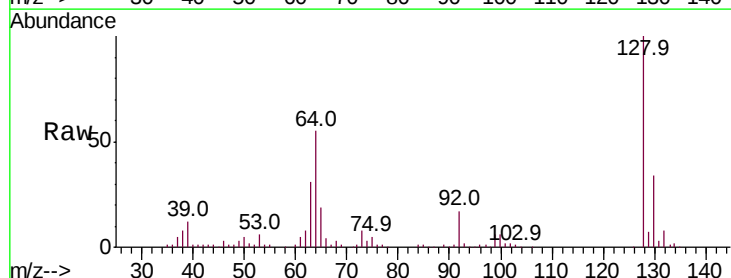
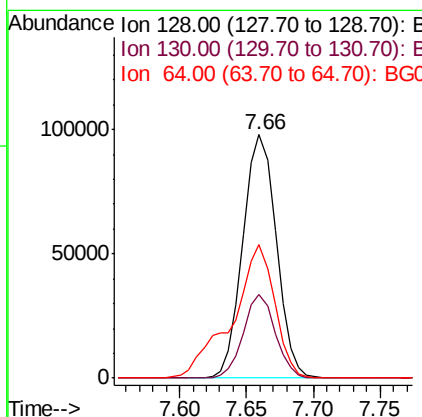
RT: 7.66 min Scan# 744

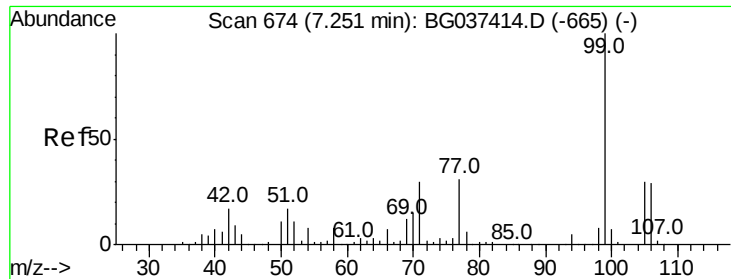
Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	128	Resp:	170406
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.0	52.0
64	54.6	32.9	72.9





#9

Benzaldehyde

Concen: 44.422 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion: 77 Resp: 131303

Ion Ratio Lower Upper

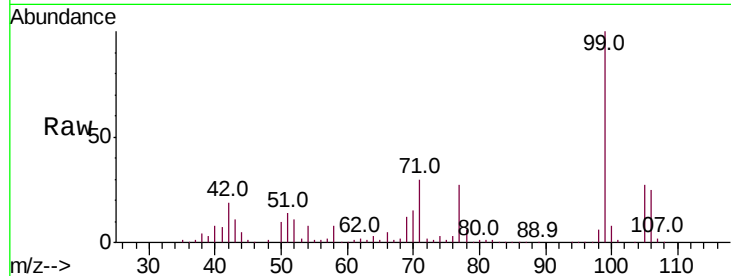
77 100

105 98.1 72.6 112.6

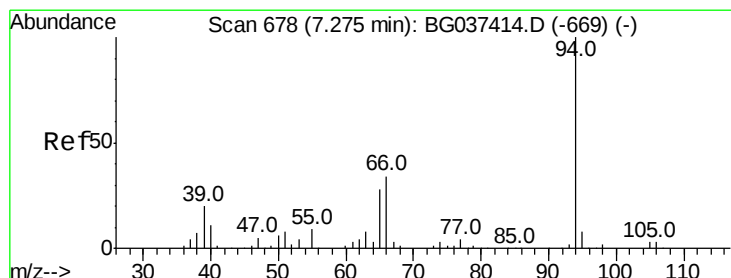
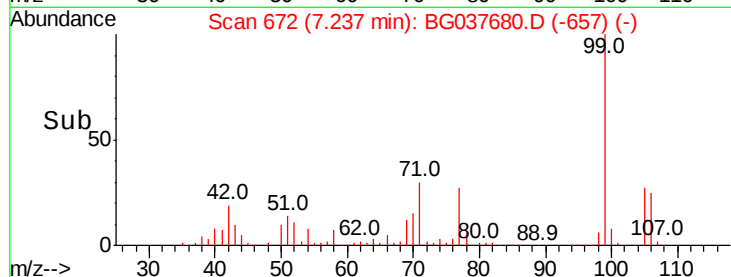
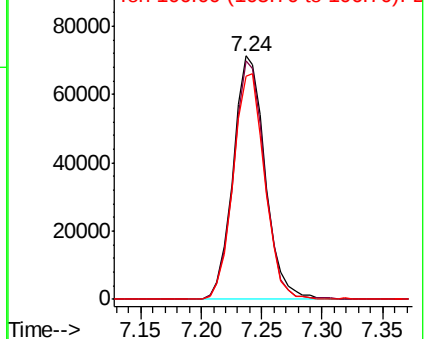
106 91.8 71.3 111.3

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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: 46.572 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

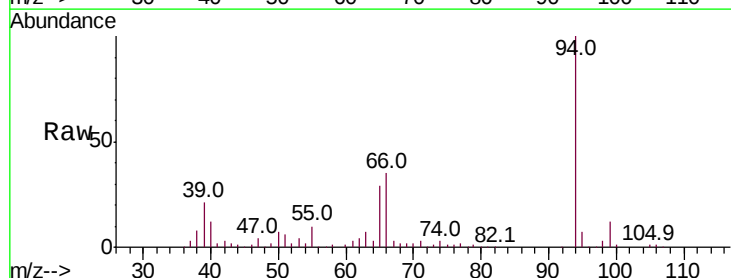
Tgt Ion: 94 Resp: 232189

Ion Ratio Lower Upper

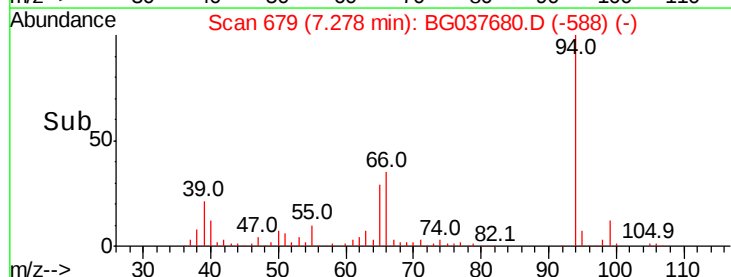
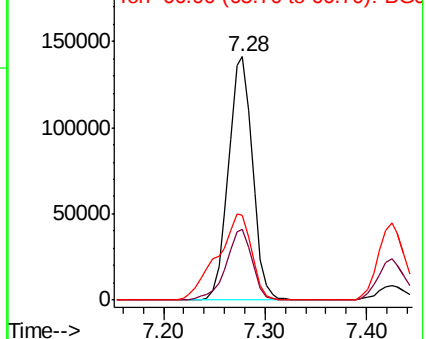
94 100

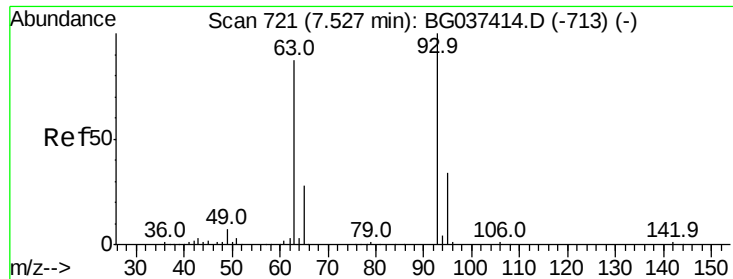
65 29.1 9.7 49.7

66 34.8 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





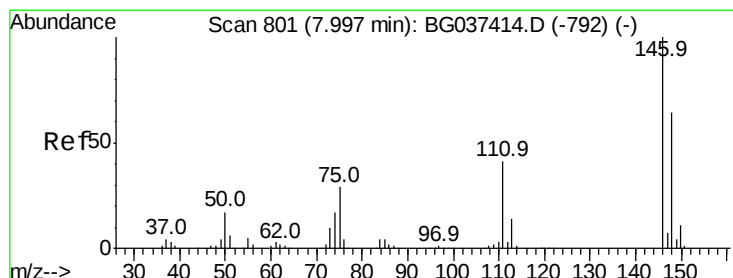
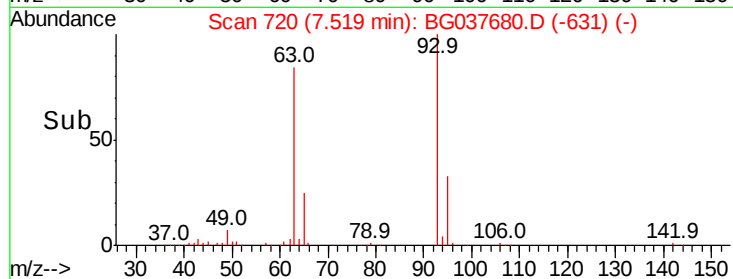
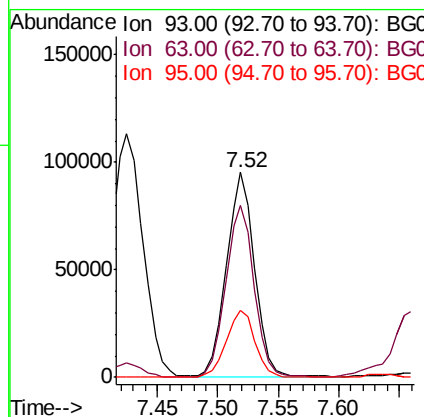
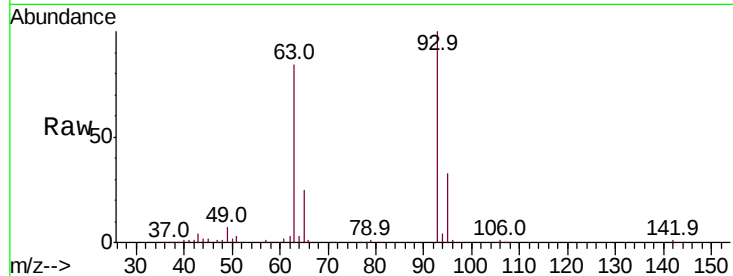
#11
bis(2-Chloroethyl)ether
Concen: 40.541 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	69.5	109.5
95	32.6	12.6	52.6

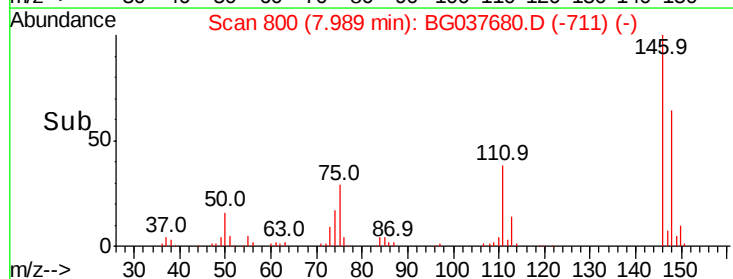
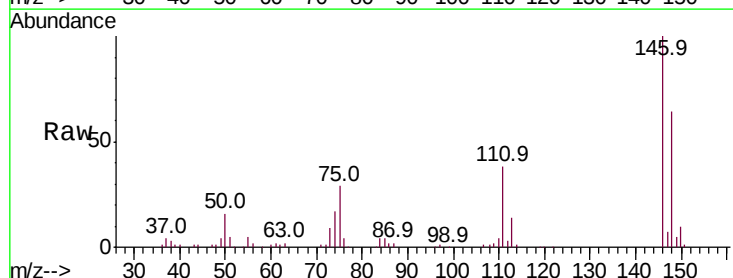
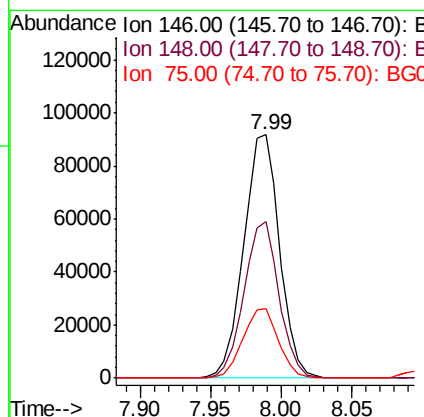
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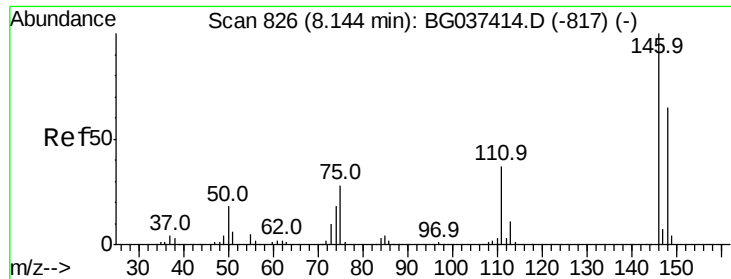
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#12
1,3-Dichlorobenzene
Concen: 40.013 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.8
75	28.8	23.2	34.8





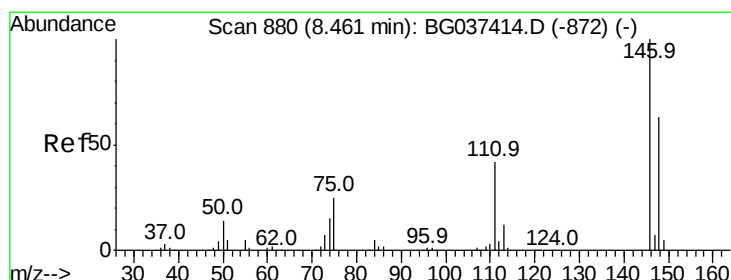
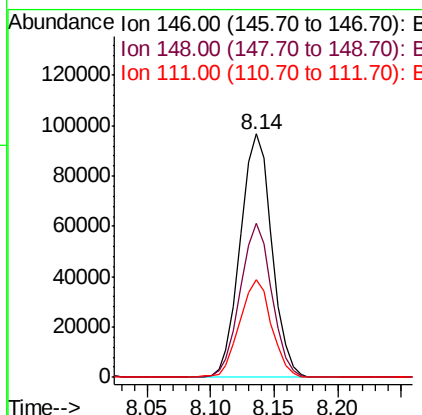
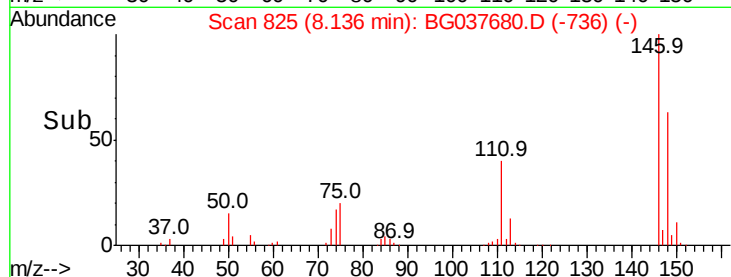
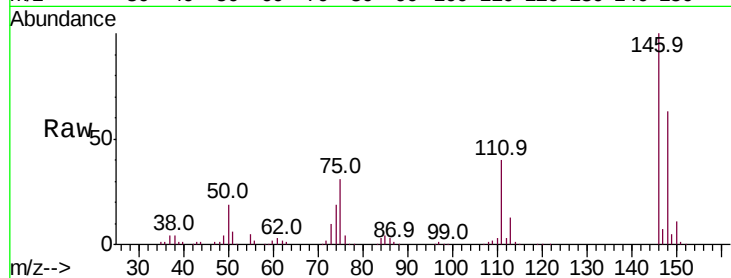
#13
 1,4-Dichlorobenzene
 Concen: 40.299 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
111	40.2	32.4	48.6

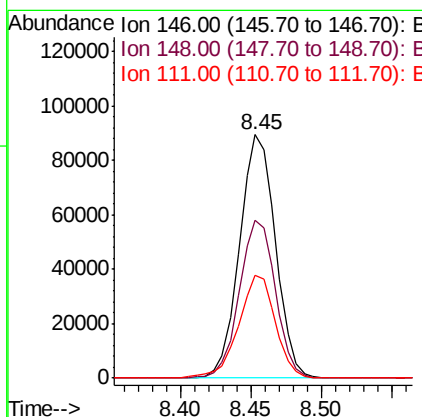
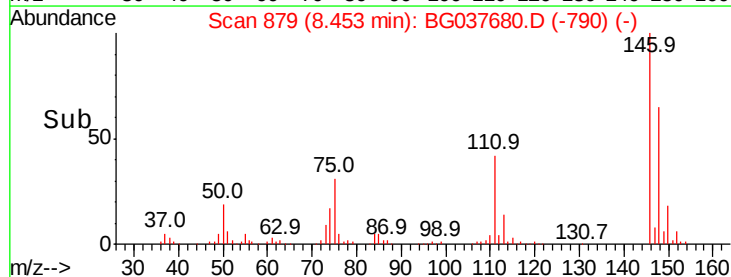
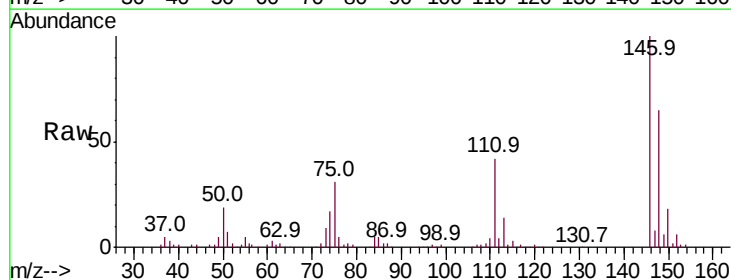
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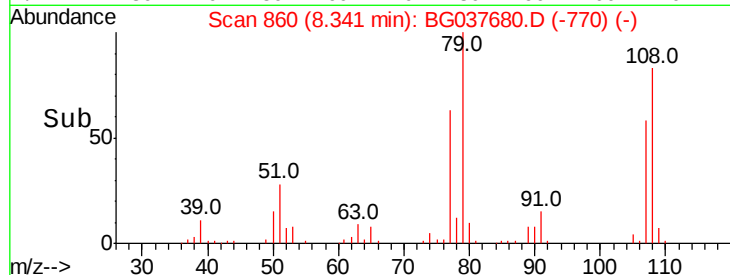
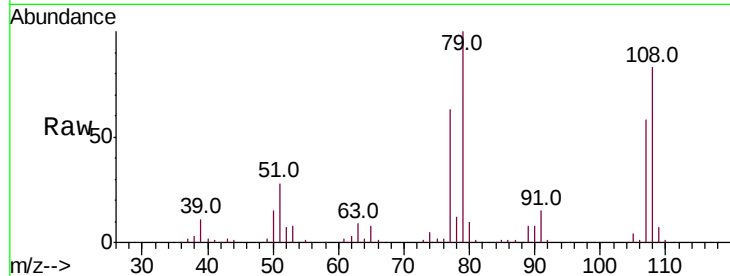
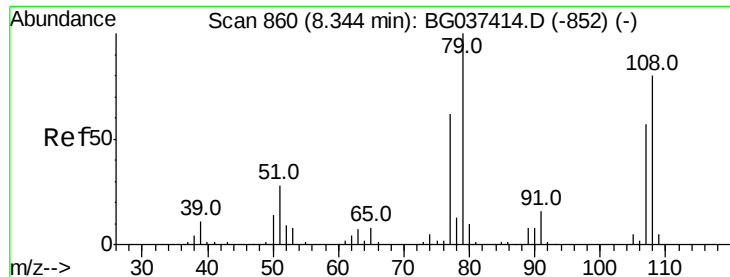
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#14
 1,2-Dichlorobenzene
 Concen: 39.751 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	42.1	34.6	51.8





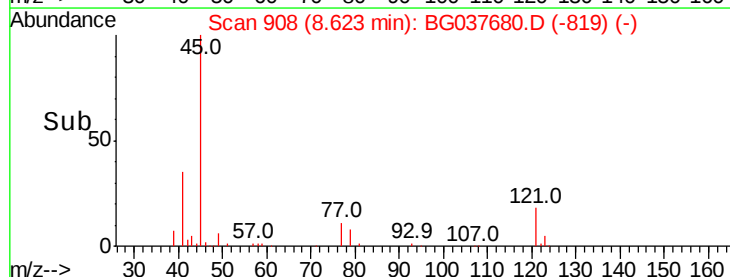
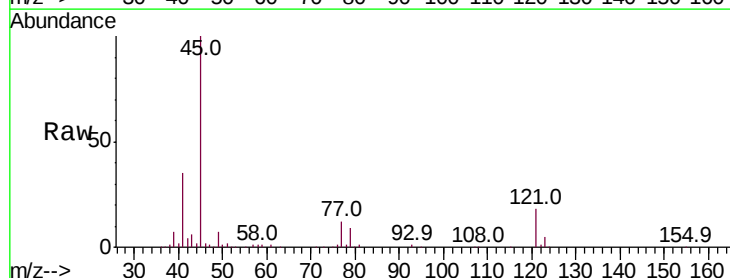
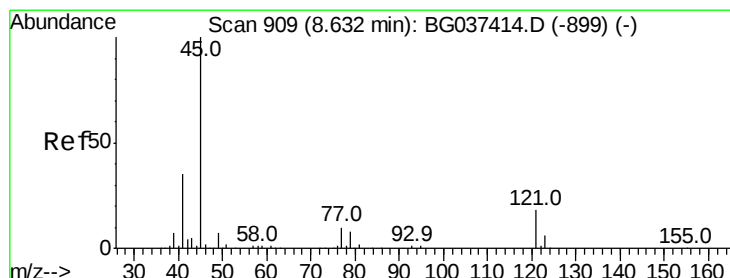
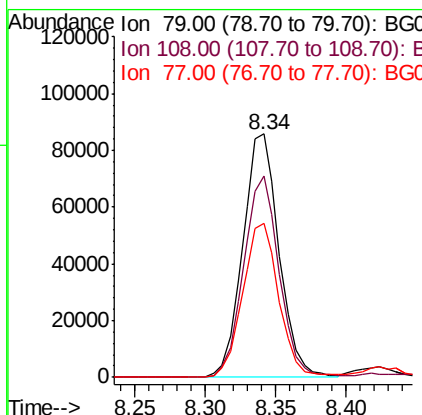
#15
Benzyl Alcohol
Concen: 44.142 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tot Ion:	79	Resp:	154117
Ion Ratio	Lower	Upper	
79	100		
108	82.9	65.8	98.8
77	63.2	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
PB114248BS

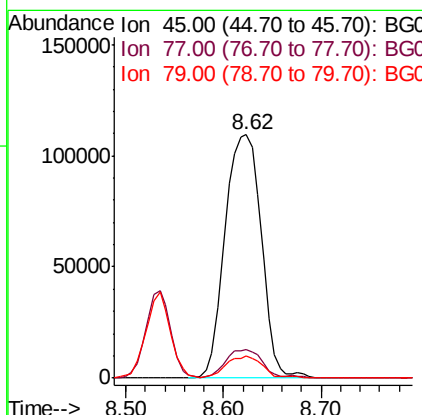
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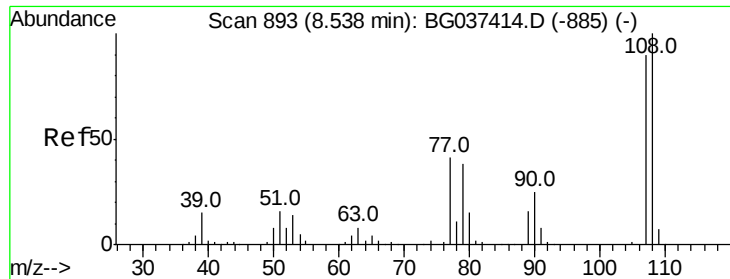
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.772 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion:	45	Resp:	283012
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	30.0
79	9.1	0.0	29.0





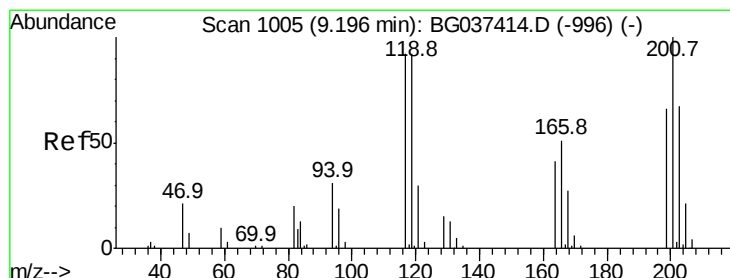
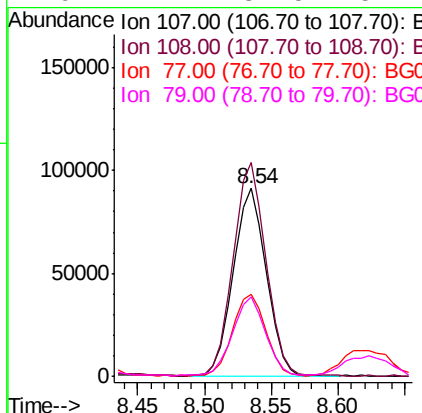
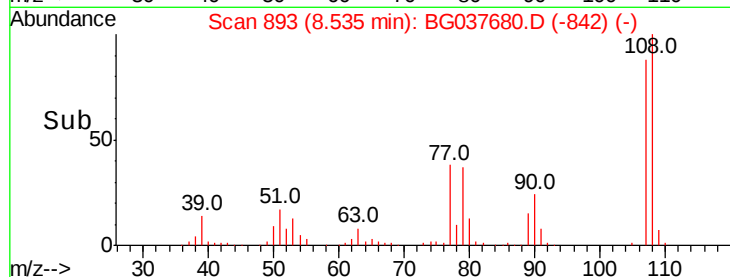
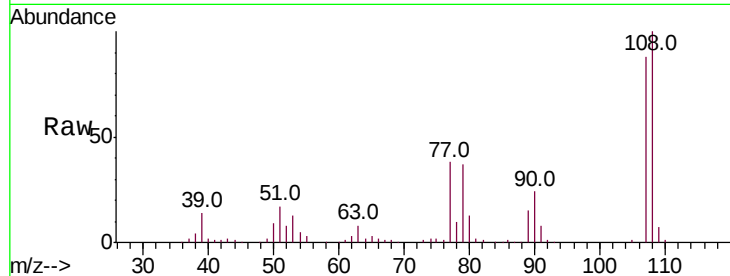
#17
2-Methylphenol
Concen: 47.642 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	87.9	131.9	
77	43.3	35.1	52.7	
79	42.2	34.5	51.7	

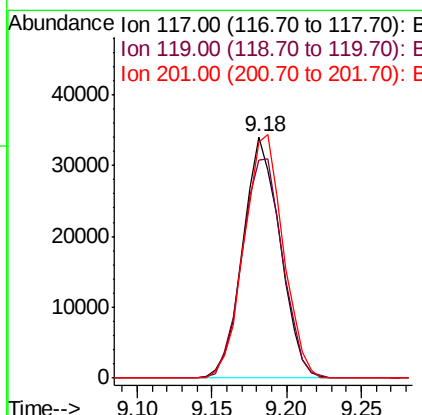
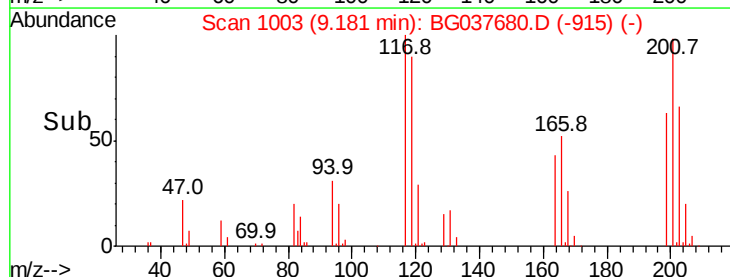
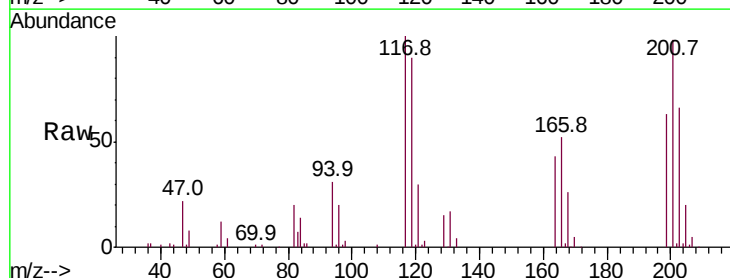
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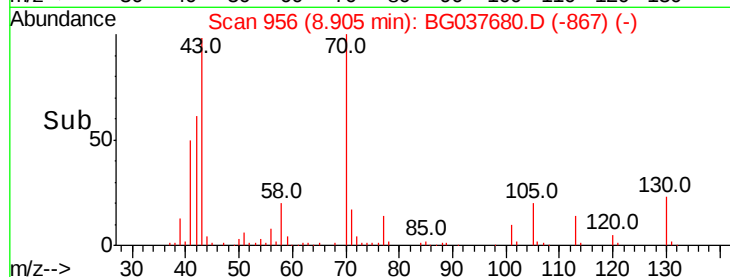
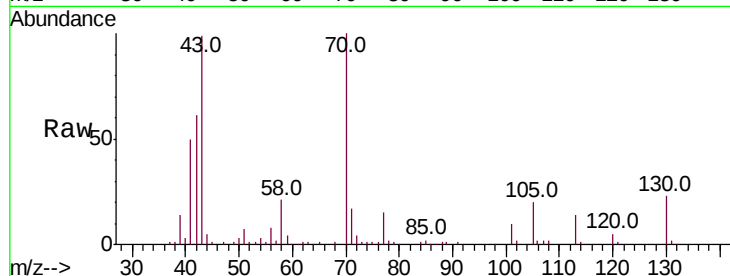
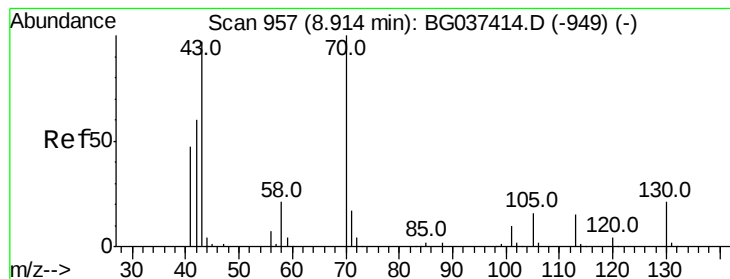
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#18
Hexachloroethane
Concen: 41.283 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.4	74.6	111.8	
201	99.8	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 39.969 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion: 70 Resp: 130053

Ion Ratio Lower Upper

70 100

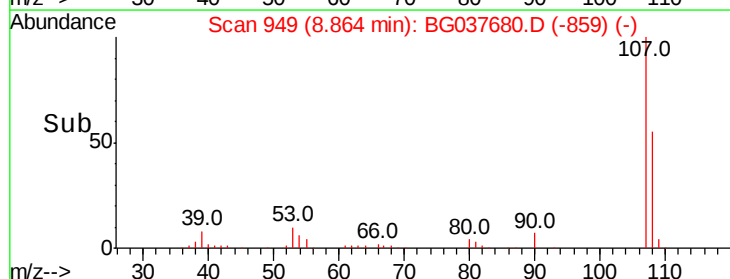
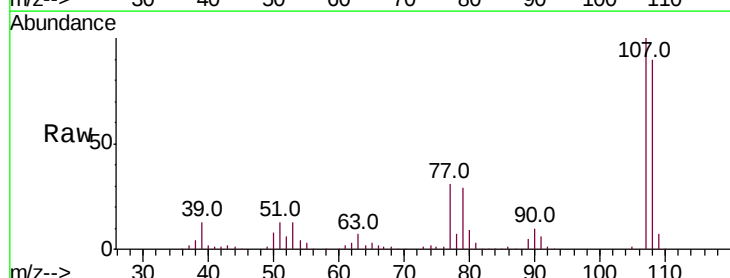
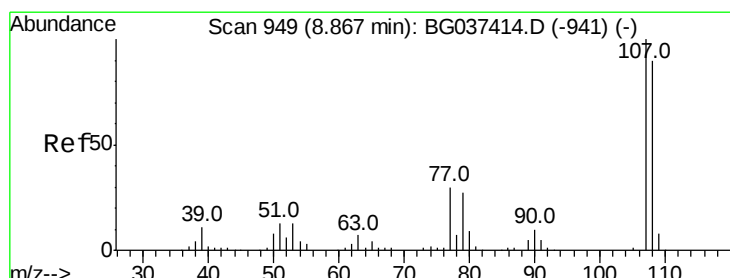
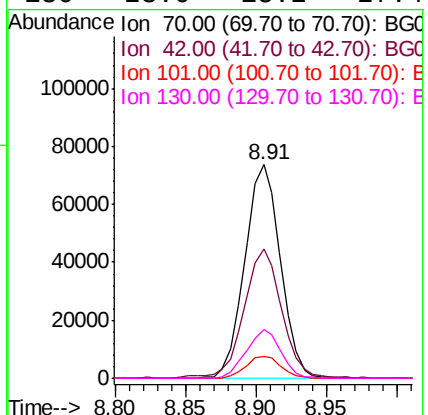
42 60.7 53.9 80.9

101 10.1 8.2 12.2

130 23.0 18.2 27.4

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#20

3+4-Methylphenols

Concen: 46.461 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion: 107 Resp: 218947

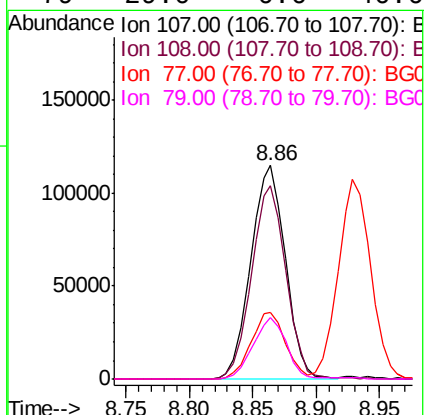
Ion Ratio Lower Upper

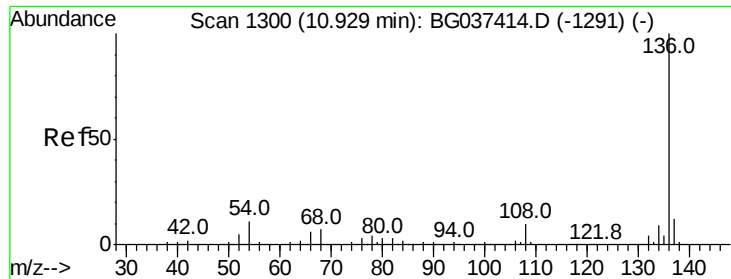
107 100

108 90.5 69.9 109.9

77 31.3 11.2 51.2

79 29.0 6.6 46.6





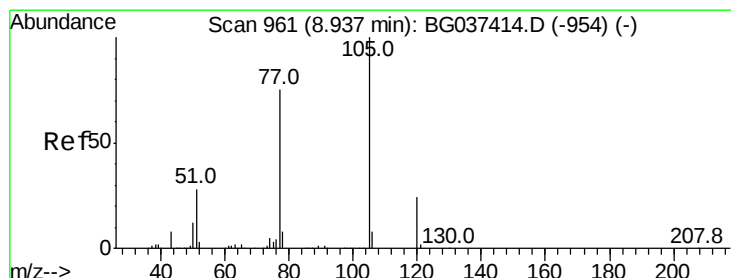
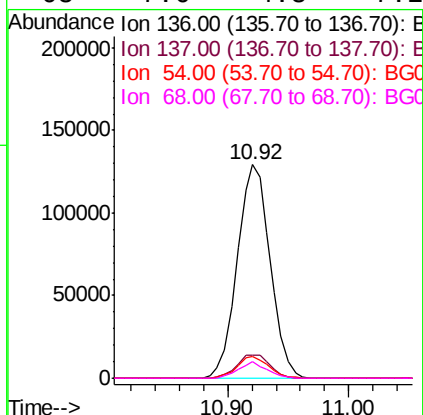
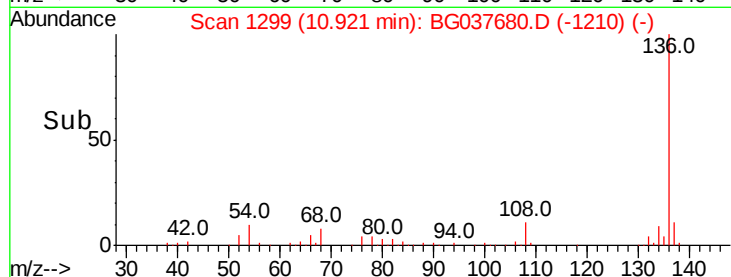
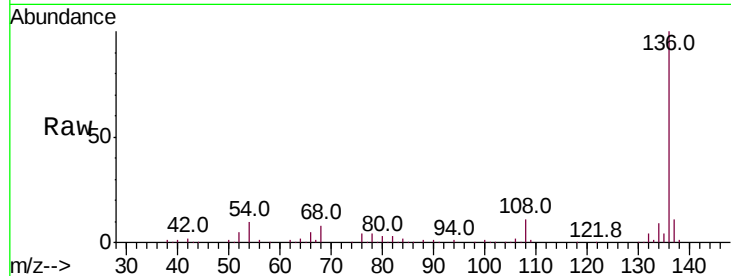
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.1	7.9	11.9
68	7.6	4.8	7.2#

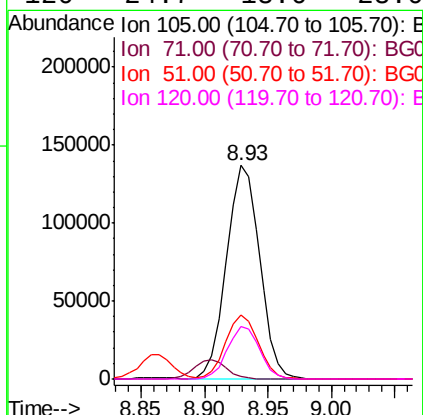
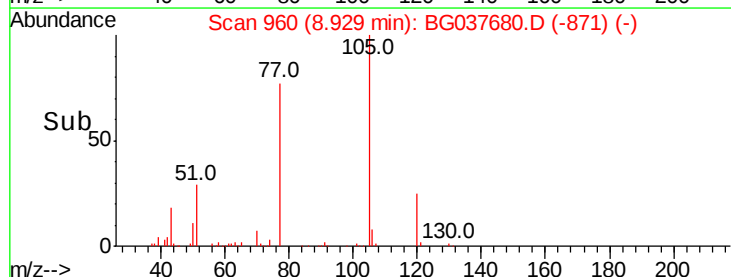
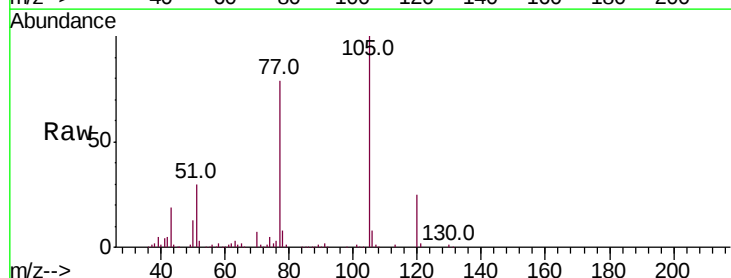
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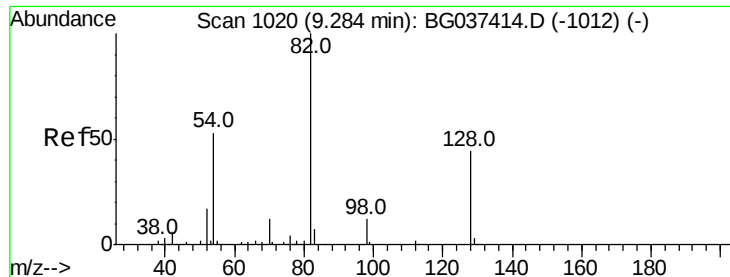
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#22
Acetophenone
Concen: 40.461 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.3	1.2	1.8
51	29.8	25.0	37.6
120	24.7	18.6	28.0





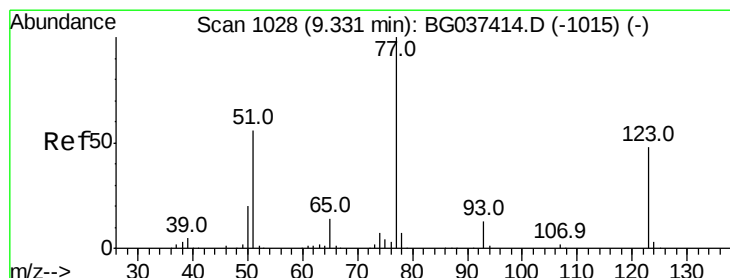
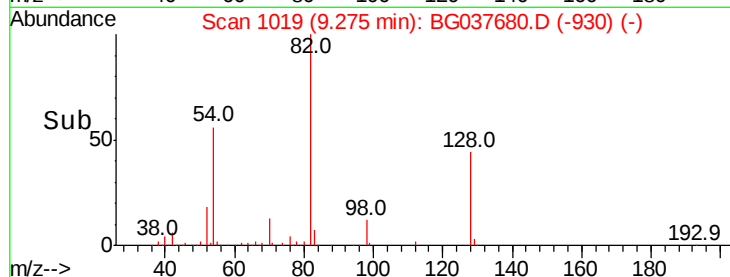
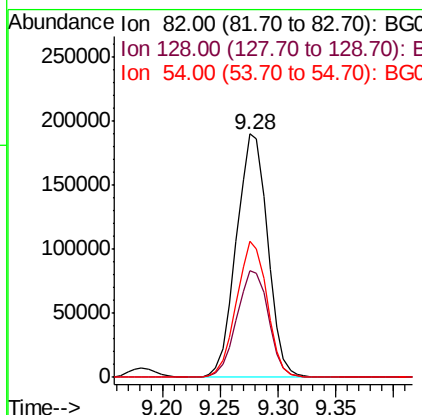
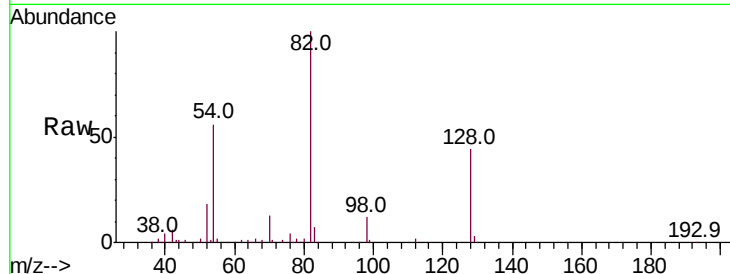
#23
Nitrobenzene-d5
Concen: 81.819 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampled :
PB114248BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	55.7	45.3	67.9

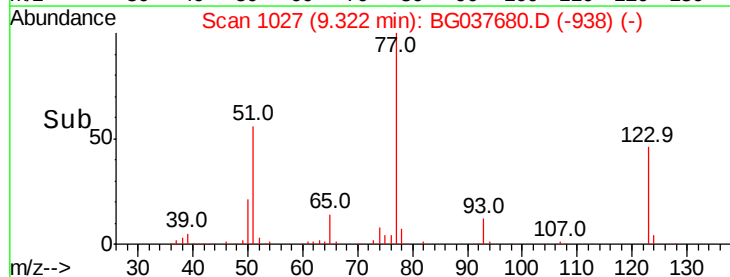
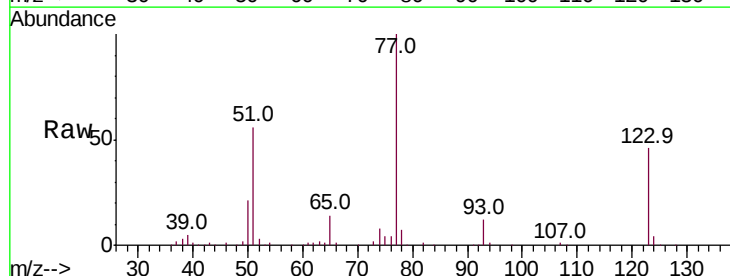
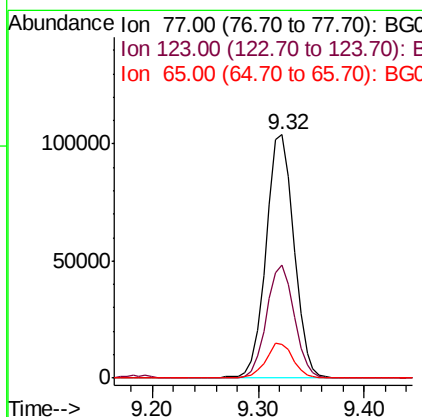
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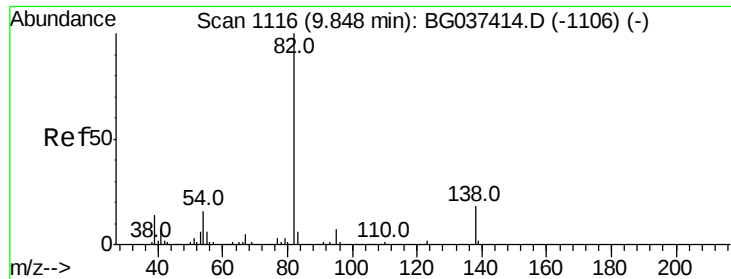
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#24
Nitrobenzene
Concen: 41.993 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.6	50.4
65	14.0	11.3	16.9





#25

Isophorone

Concen: 46.906 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

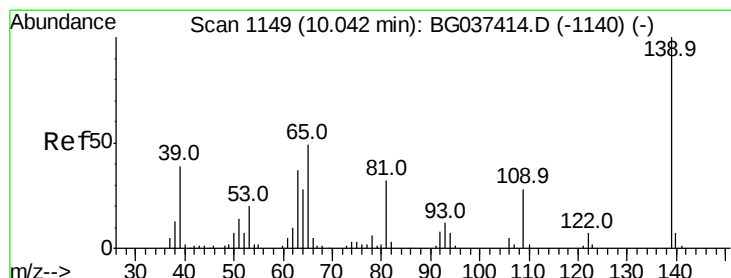
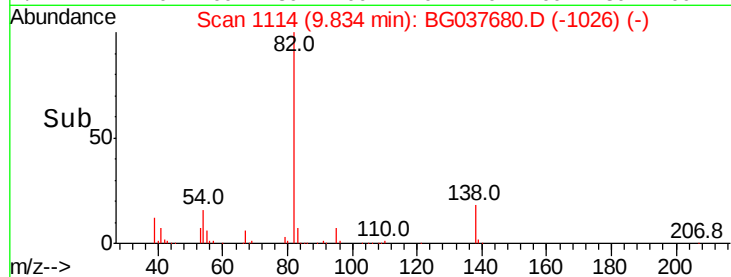
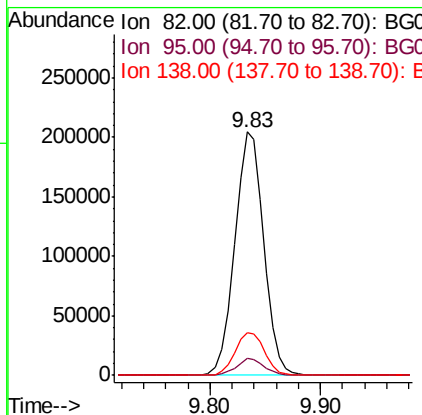
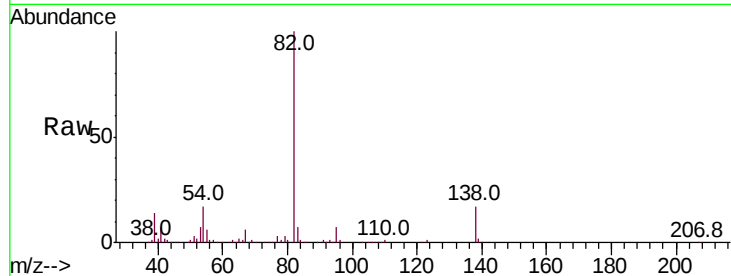
ClientSampleId :

PB114248BS

Tot Ion:	82	Resp:	374469
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	17.3	13.3	19.9

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 46.718 ng

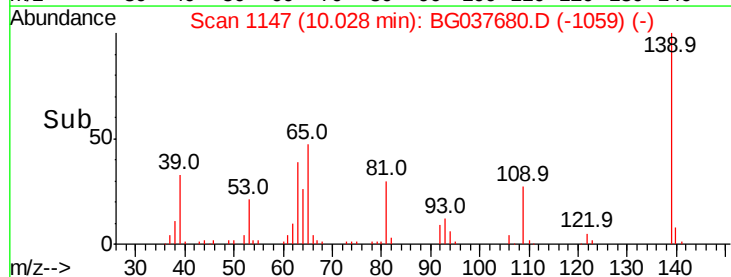
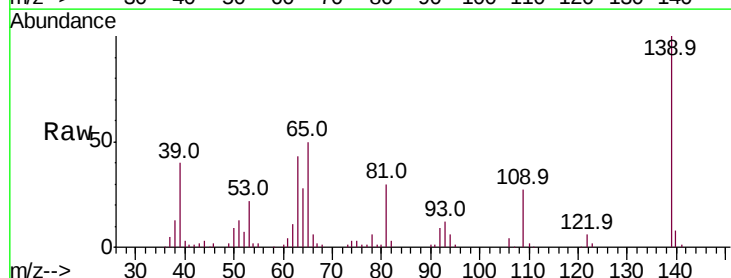
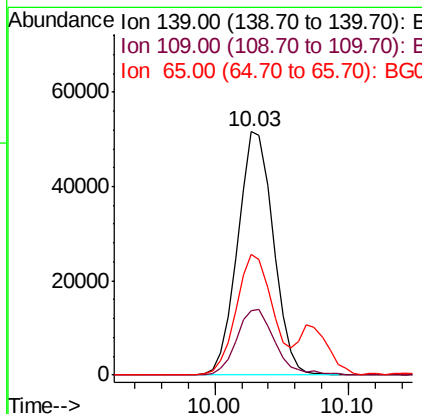
RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	139	Resp:	95530
Ion Ratio	Lower	Upper	
139	100		
109	26.7	23.3	34.9
65	49.6	39.8	59.8





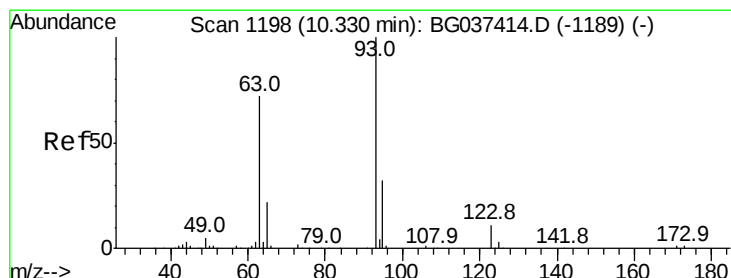
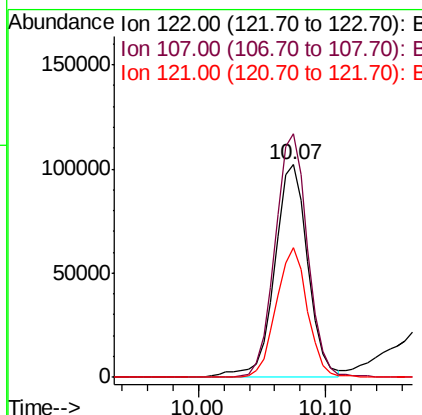
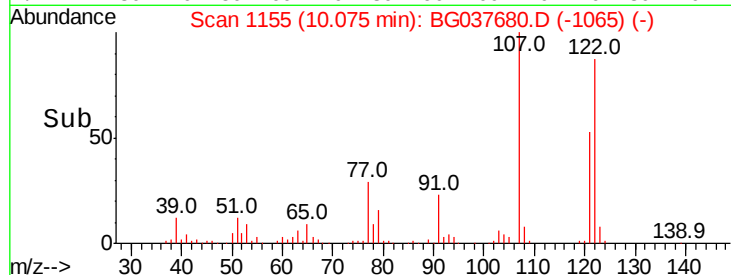
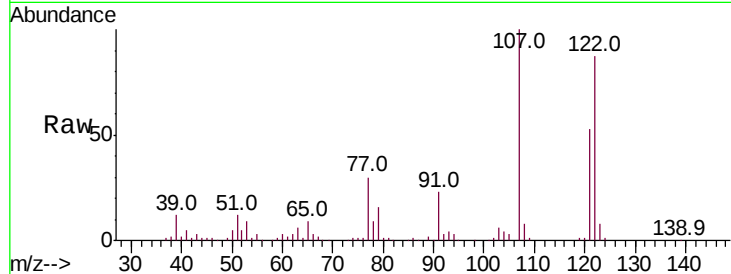
#27
 2,4-Dimethylphenol
 Concen: 50.922 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion:	122	Resp:	185913
Ion Ratio	Lower	Upper	
122	100		
107	114.6	94.2	141.2
121	60.9	47.3	70.9

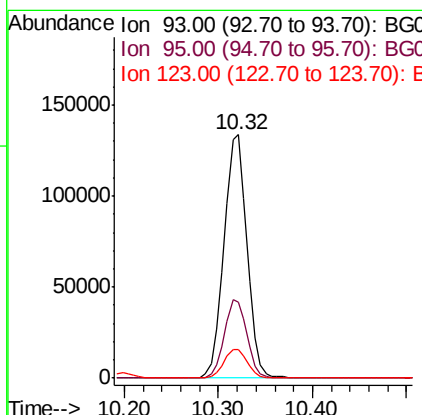
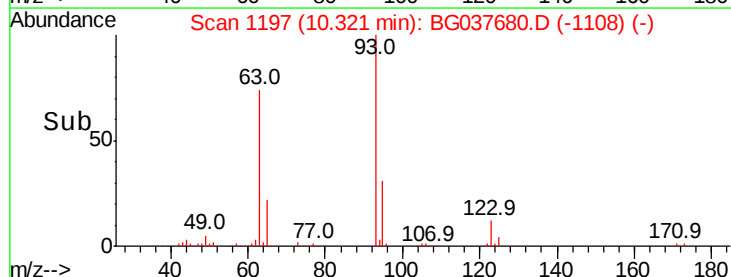
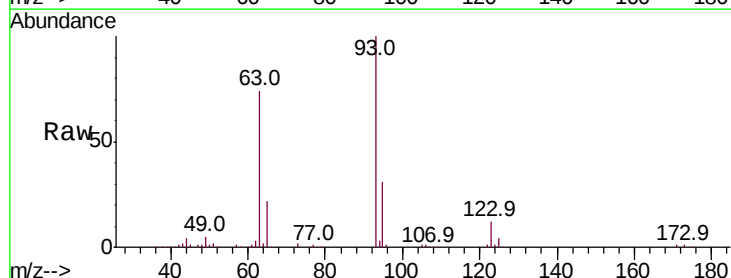
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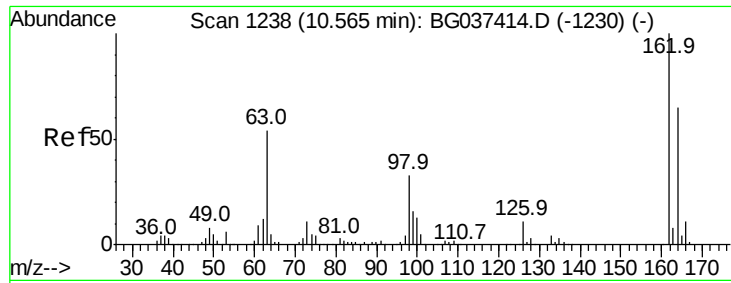
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.464 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion:	93	Resp:	227342
Ion Ratio	Lower	Upper	
93	100		
95	31.3	24.6	37.0
123	11.7	9.1	13.7





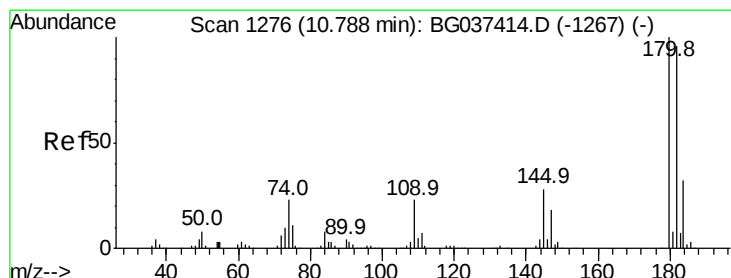
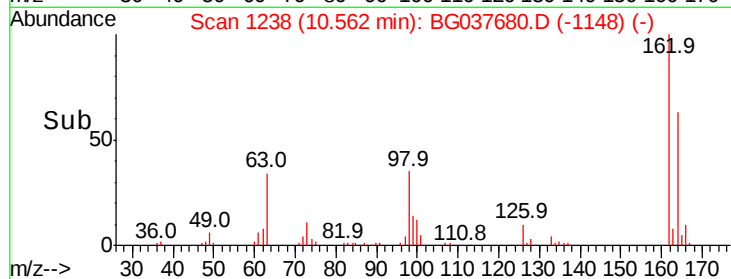
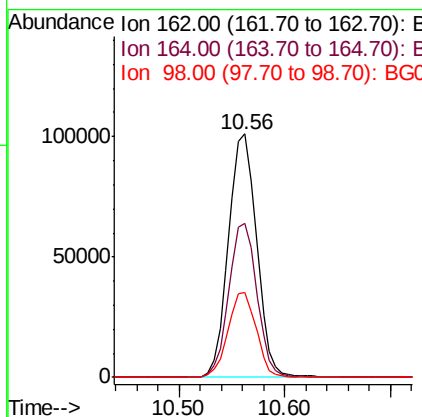
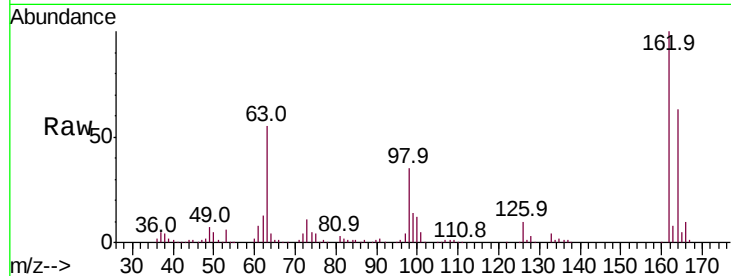
#29
 2,4-Dichlorophenol
 Concen: 46.052 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion:	162	Resp:	187202
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.2	83.2
98	35.1	16.0	56.0

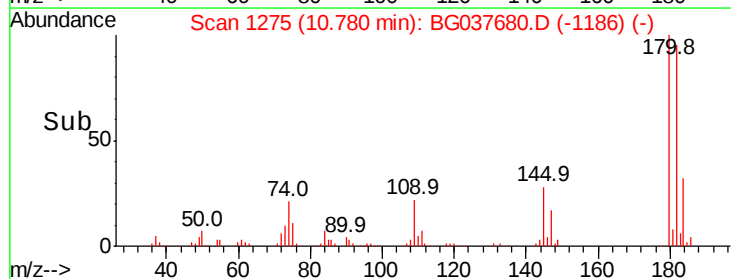
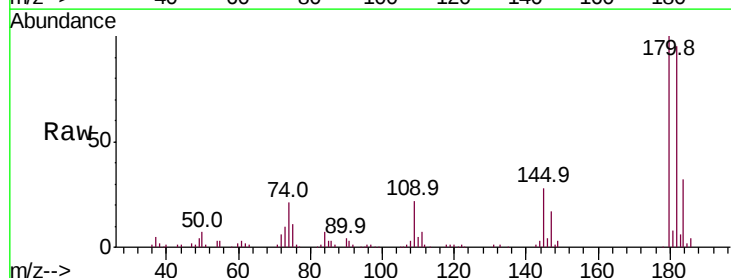
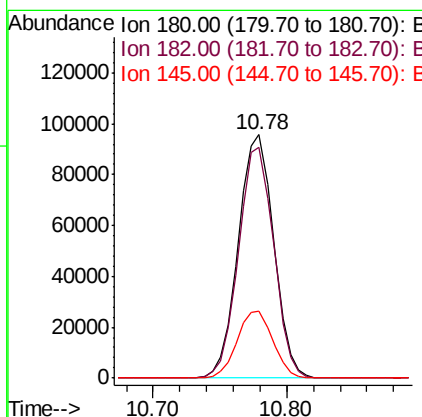
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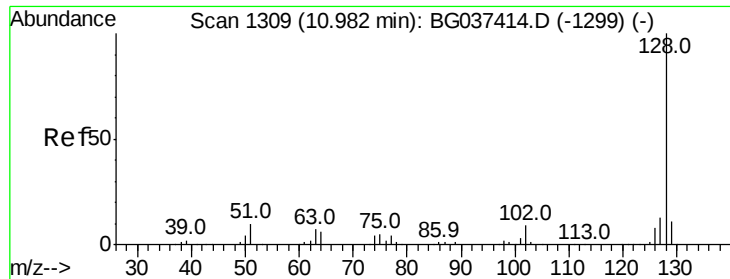
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.718 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion:	180	Resp:	175577
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.7	116.5
145	27.6	23.3	34.9





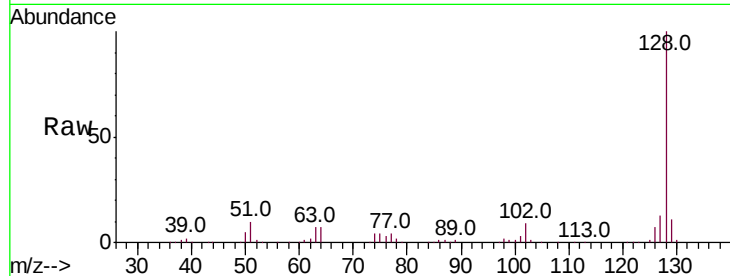
#31
Naphthalene
Concen: 43.632 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.5	11.1	16.7	

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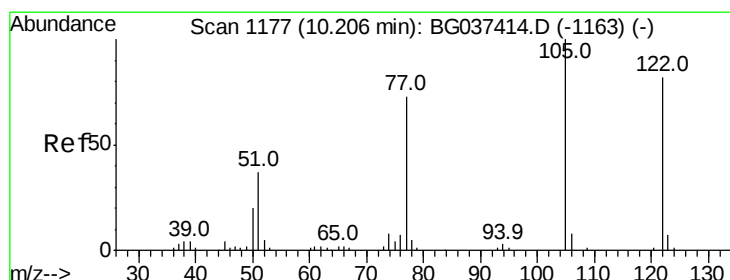
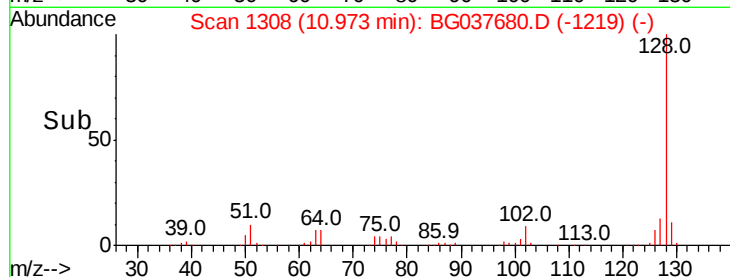
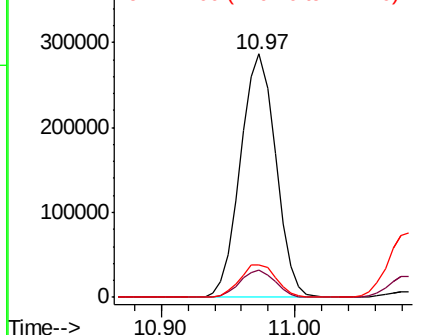


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 45.934 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

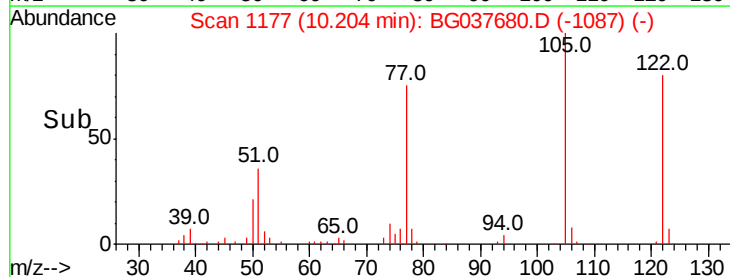
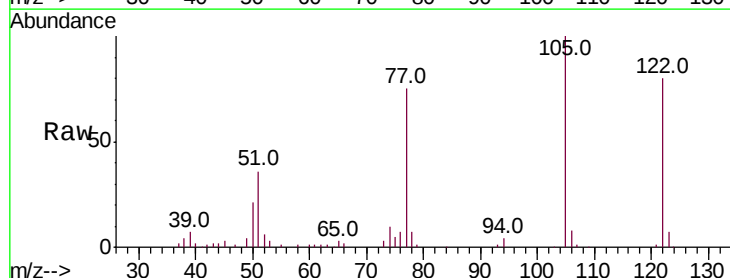
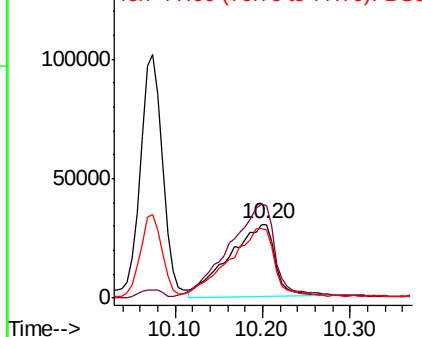
Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.2	106.7	146.7	
77	93.5	72.2	112.2	

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





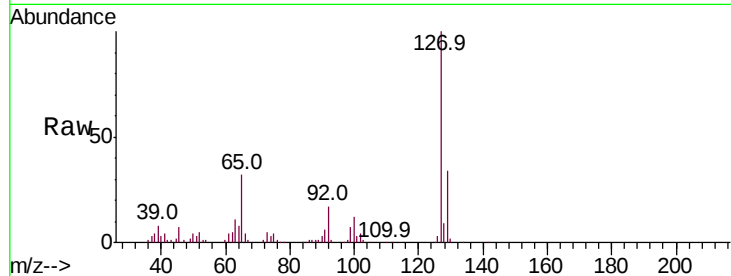
#33
4-Chloroaniline
Concen: 25.433 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	27.1	40.7	
65	31.6	26.6	39.8	
92	16.8	16.4	24.6	

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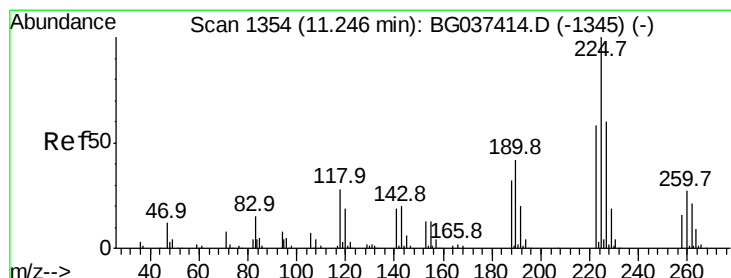
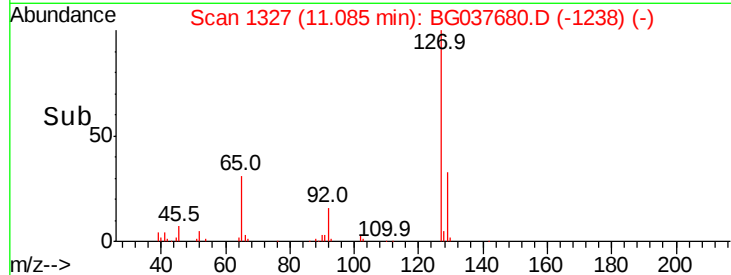
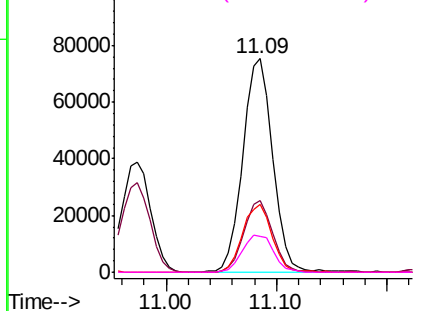
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

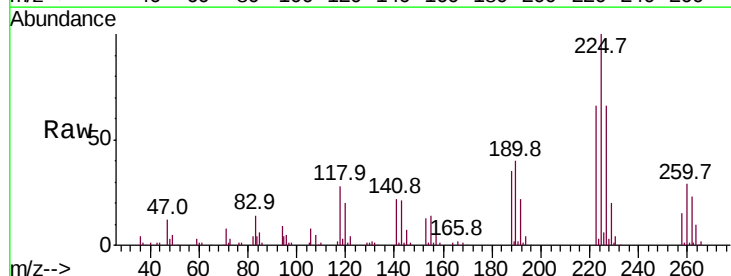
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.602 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	48.2	72.4	
227	65.0	51.6	77.4	

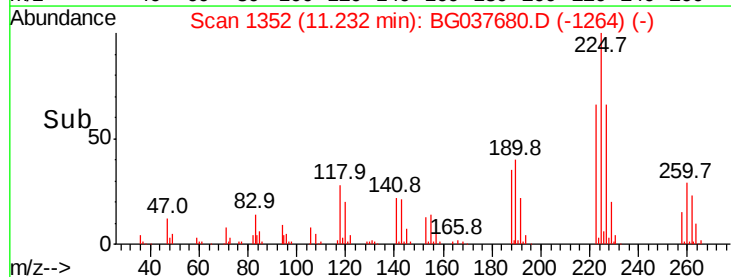
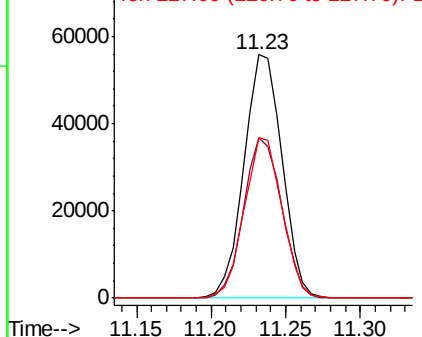


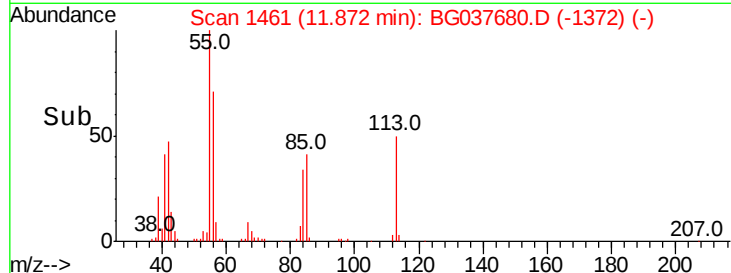
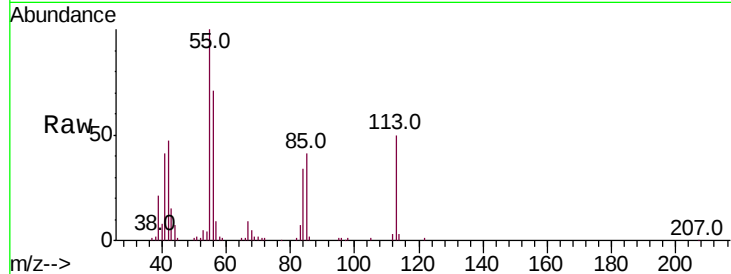
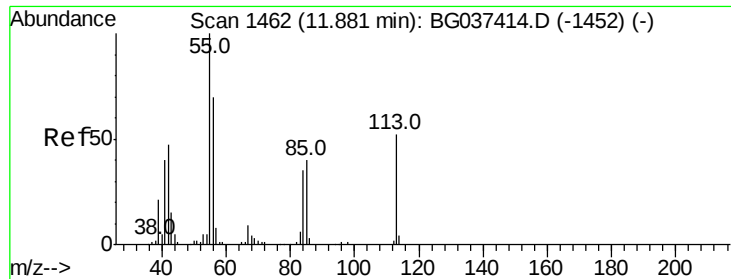
Abundance

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: 42.197 ng/ml

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

ClientSampleID :

PB114248BS

Tot Ion:113 Resp: 68795

Ion Ratio Lower Upper

113 100

55 199.6 176.6 216.6

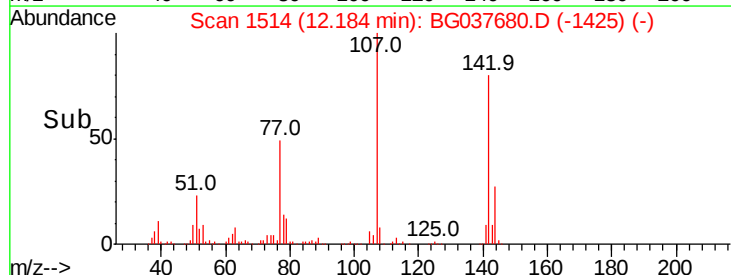
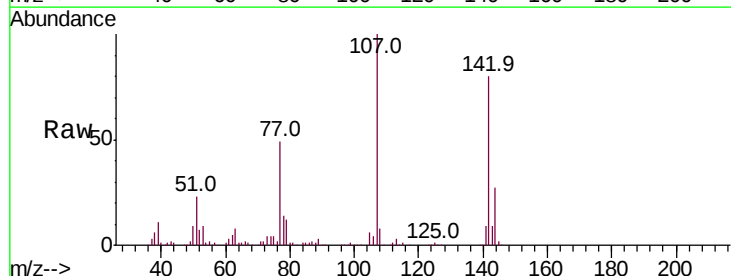
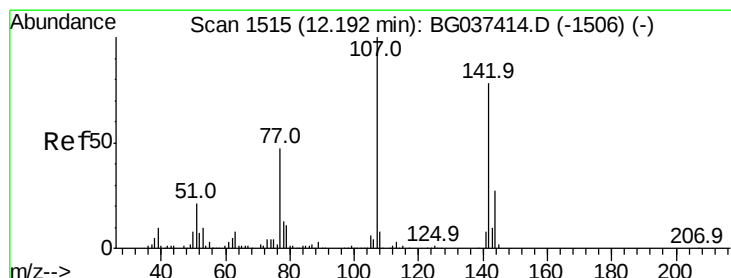
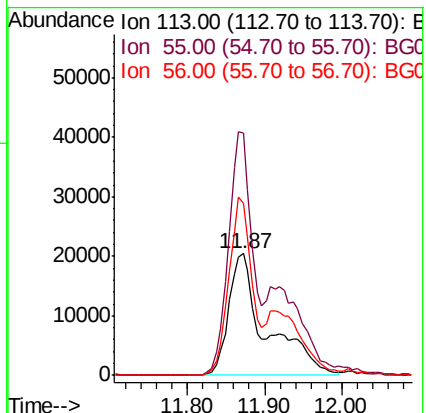
56 141.8 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 45.186 ng/ml

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

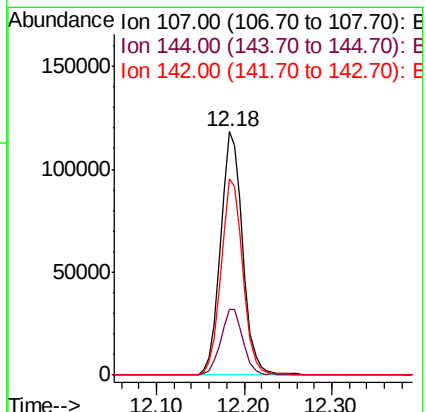
Tgt Ion:107 Resp: 207150

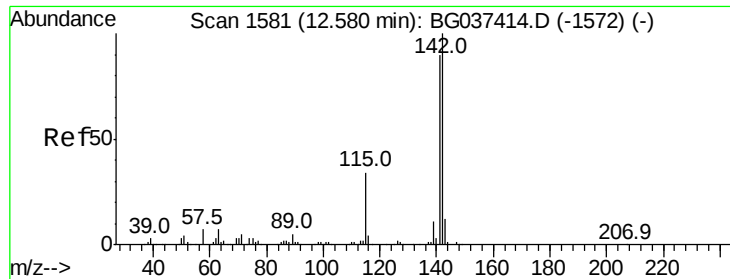
Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

142 80.4 64.4 96.6





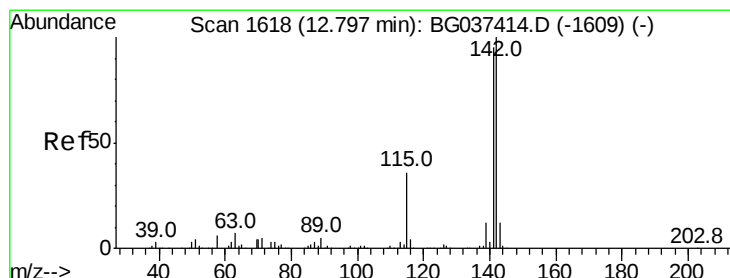
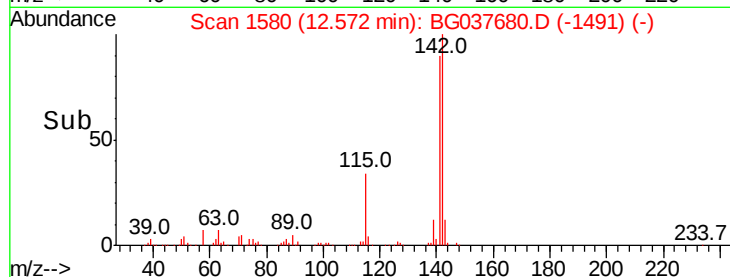
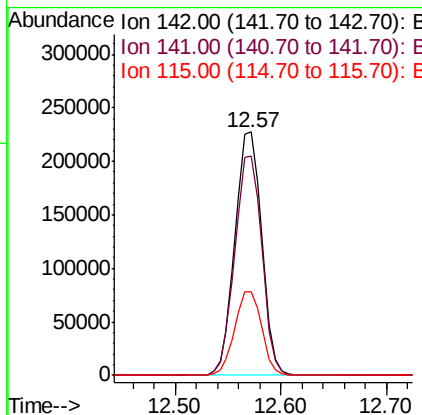
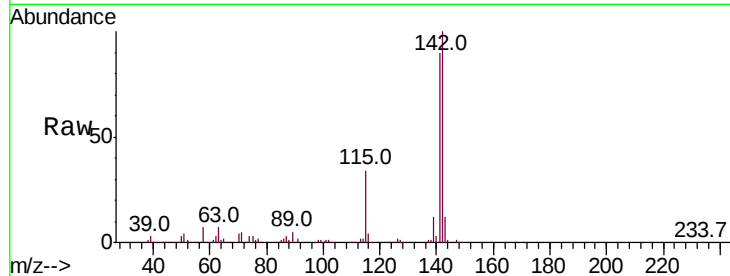
#37
2-Methylnaphthalene
Concen: 45.401 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	397880		
141	90.3	71.9	107.9	
115	34.2	27.8	41.8	

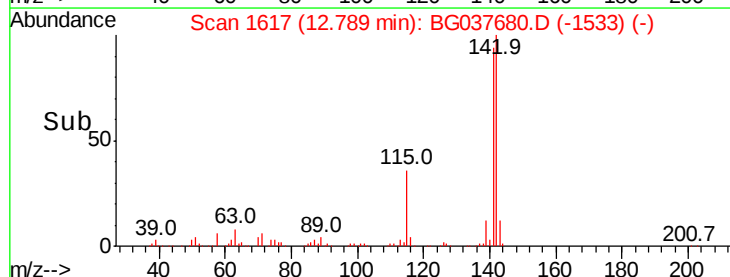
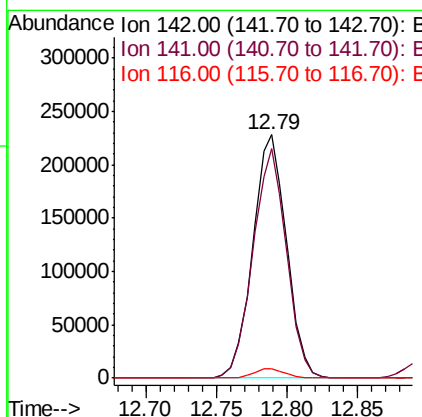
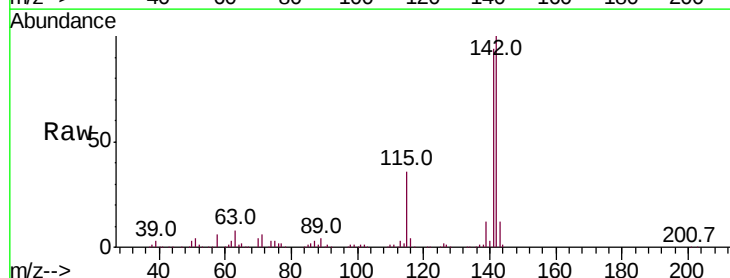
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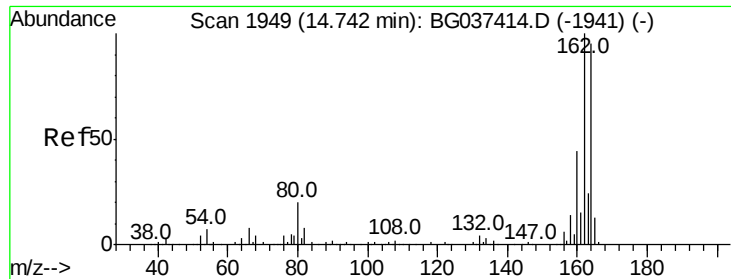
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#38
1-Methylnaphthalene
Concen: 44.906 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	382184		
141	94.1	75.2	112.8	
116	3.9	3.3	4.9	





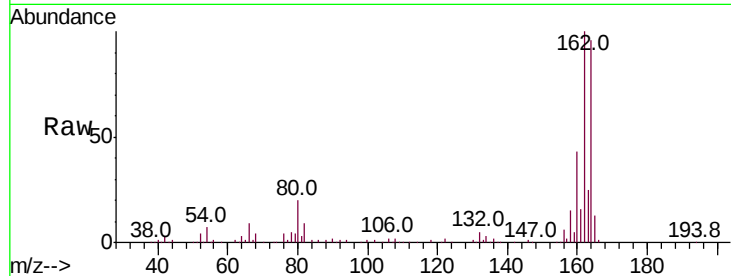
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	163133		
162	104.6	81.3	121.9	
160	45.1	36.3	54.5	

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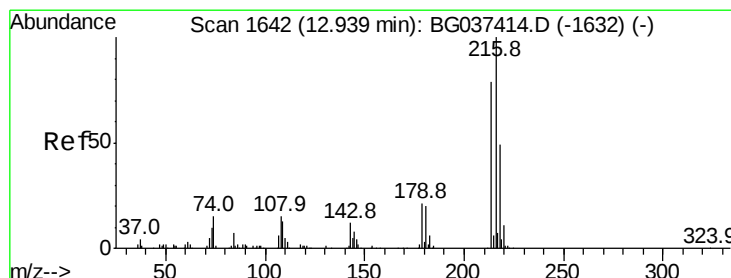
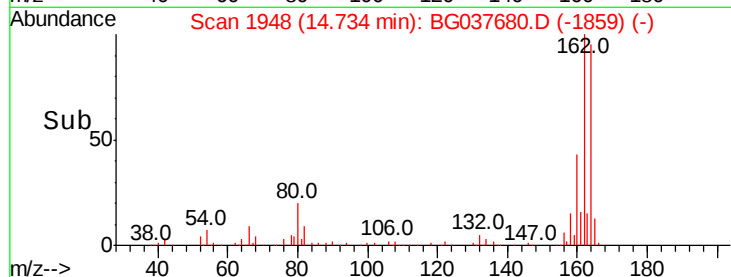
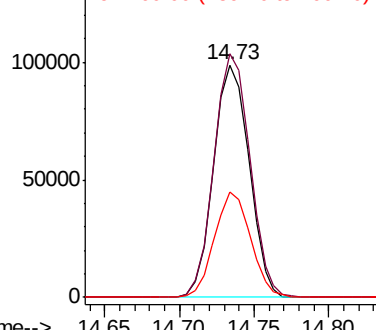


Abundance

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: 38.551 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	202852		
214	79.4	63.8	95.6	
179	21.2	17.4	26.0	
108	19.3	13.9	20.9	

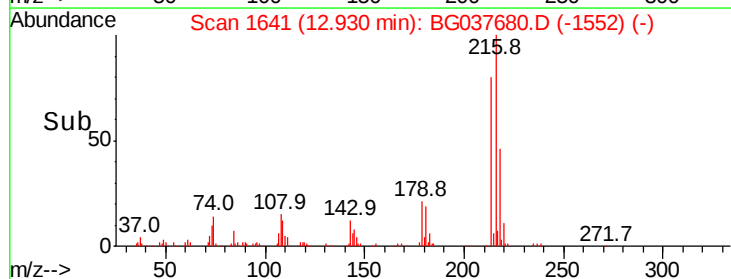
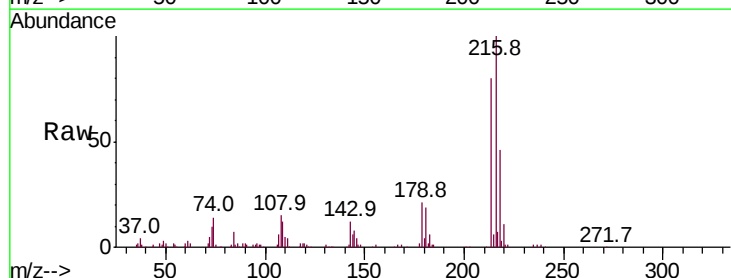
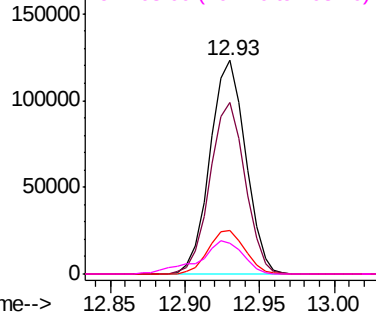
Abundance

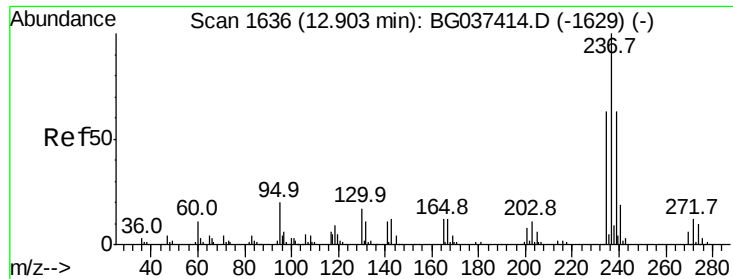
Ion 216.00 (215.70 to 216.70): E

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: 95.883 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

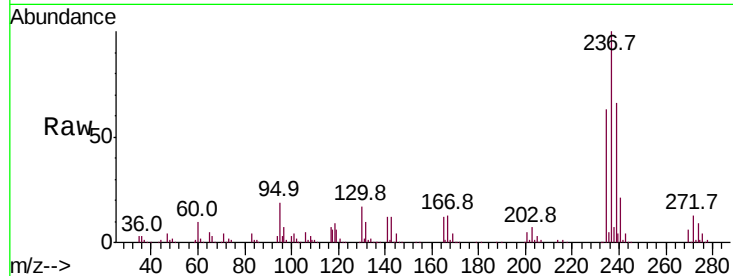
ClientSampleId :

PB114248BS

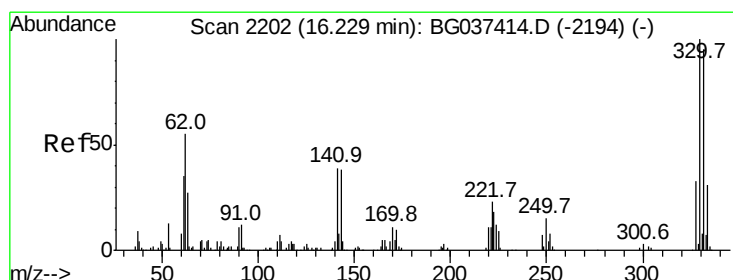
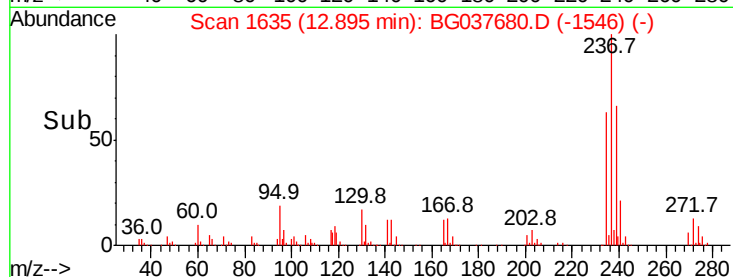
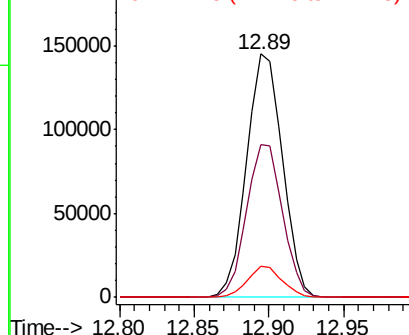
Tot Ion:	237	Resp:	241001
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.5	82.5
272	12.7	0.0	31.6

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: 163.430 ng

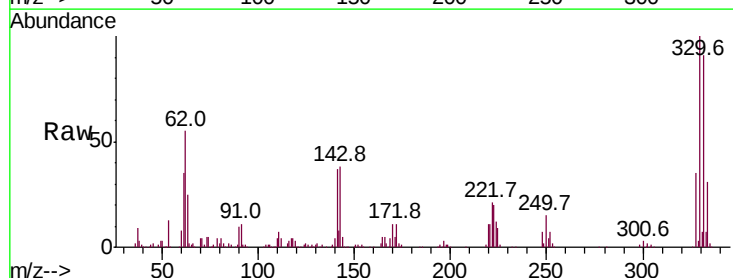
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

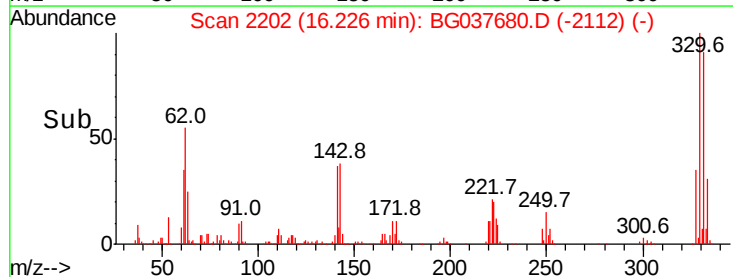
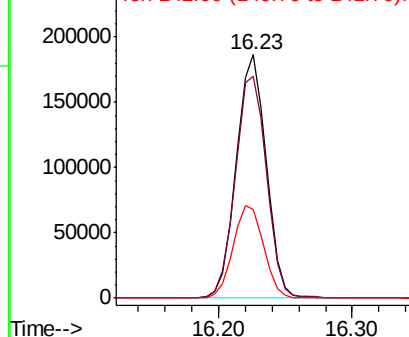
Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	330	Resp:	290787
Ion Ratio	Lower	Upper	
330	100		
332	94.8	78.4	117.6
141	39.3	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





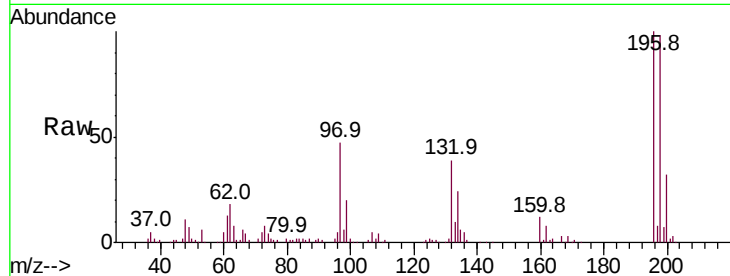
#43
 2,4,6-Trichlorophenol
 Concen: 44.923 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157922		
198	98.0	76.4	114.6	
200	31.9	24.9	37.3	

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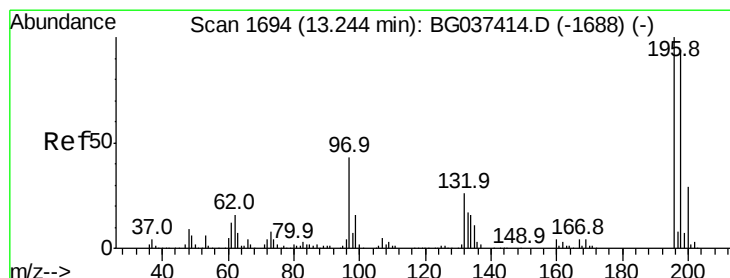
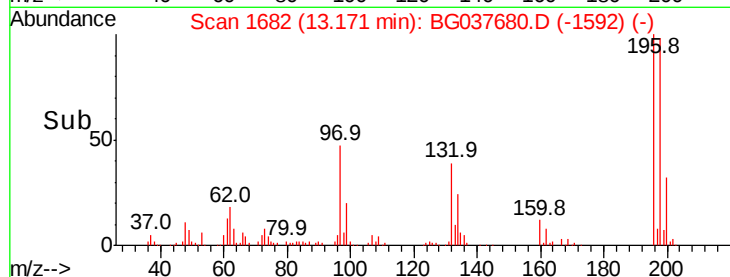
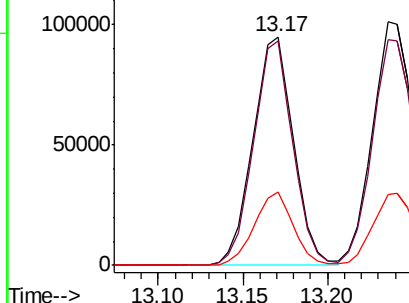


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.945 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172026		
198	92.8	74.2	111.2	
97	46.2	34.1	51.1	
132	24.9	20.2	30.4	

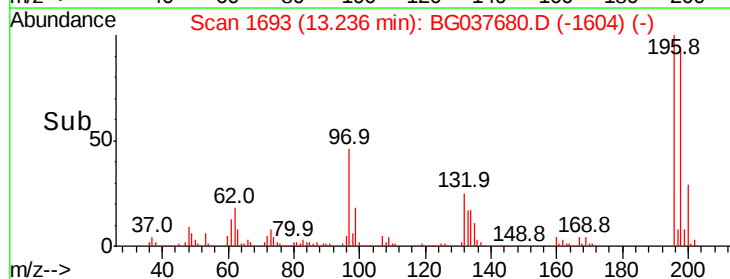
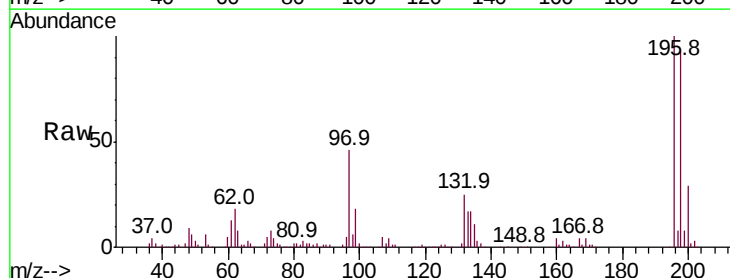
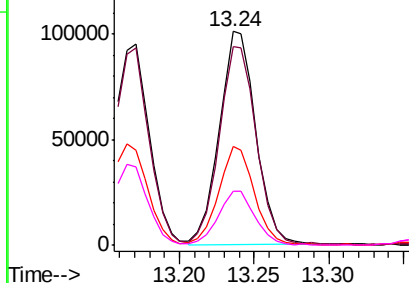
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





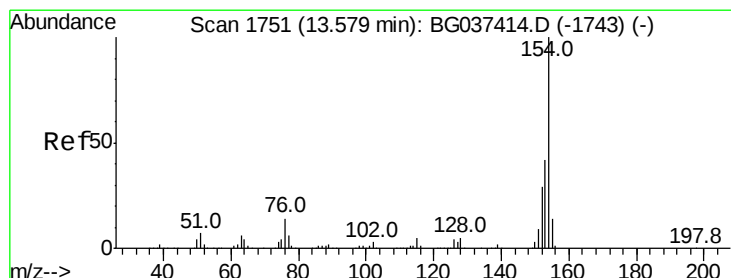
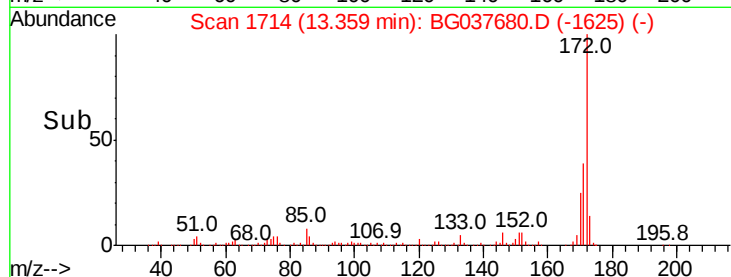
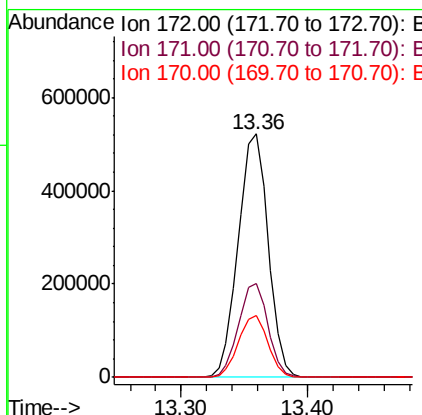
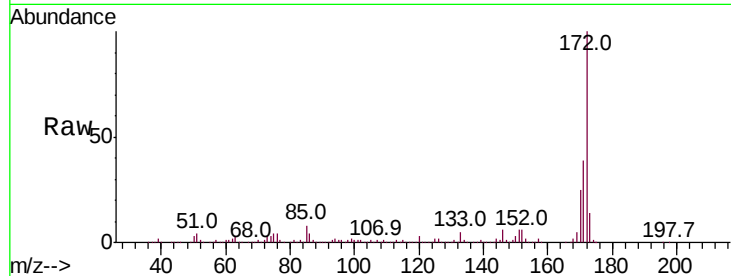
#45
2-Fluorobiphenyl
Concen: 79.092 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	855631		
171	38.5		31.0	46.4
170	25.3		20.2	30.2

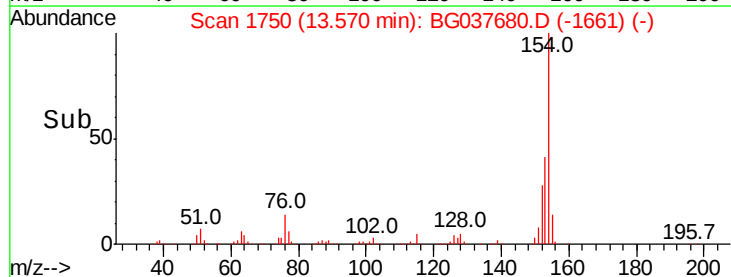
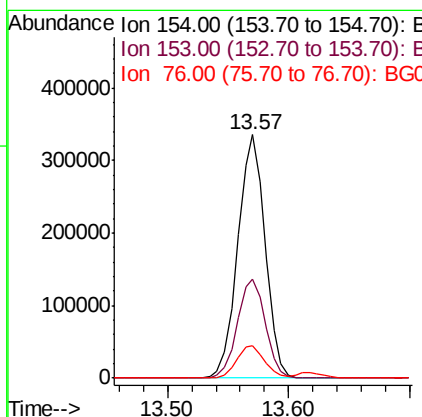
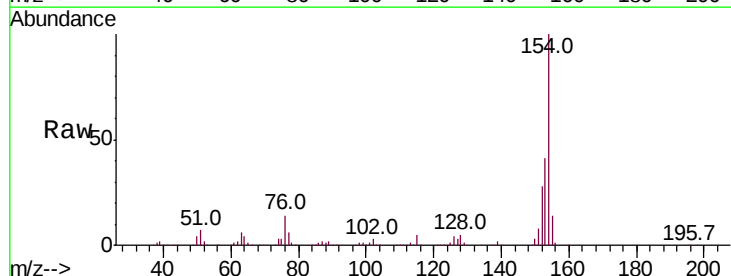
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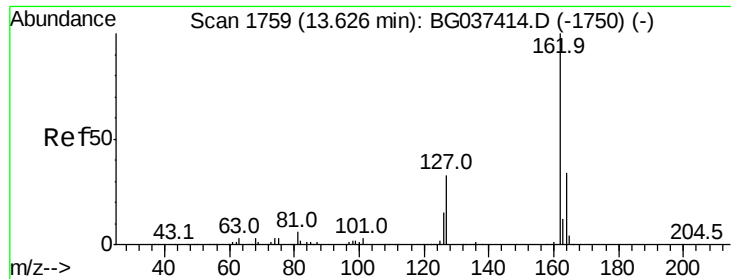
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#46
1,1'-Biphenyl
Concen: 39.010 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	527030		
153	40.7		22.1	62.1
76	13.6		0.0	33.2





#47

2-Chloronaphthalene

Concen: 40.822 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

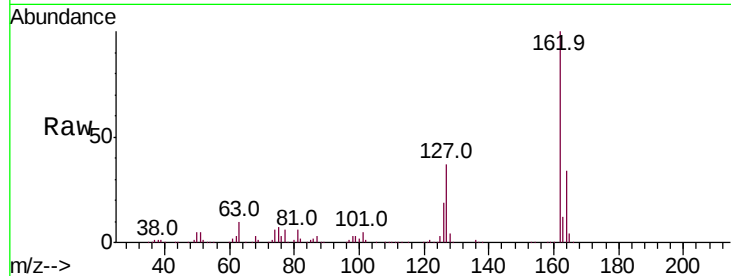
ClientSampleId :

PB114248BS

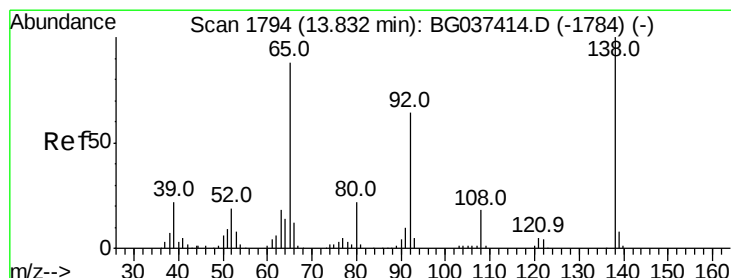
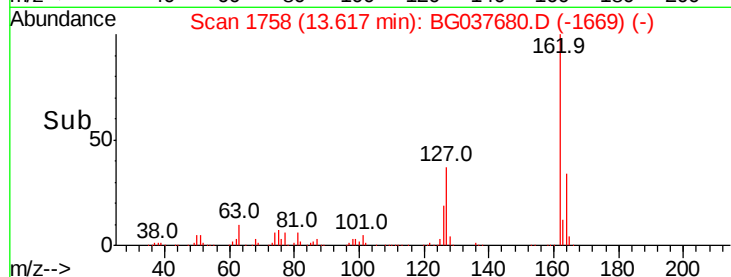
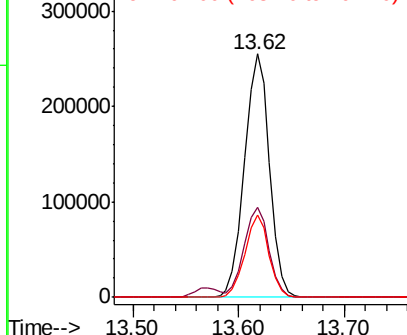
Tot Ion:	162	Resp:	417244
Ion Ratio	Lower	Upper	
162	100		
127	36.8	30.5	45.7
164	33.8	26.4	39.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.838 ng

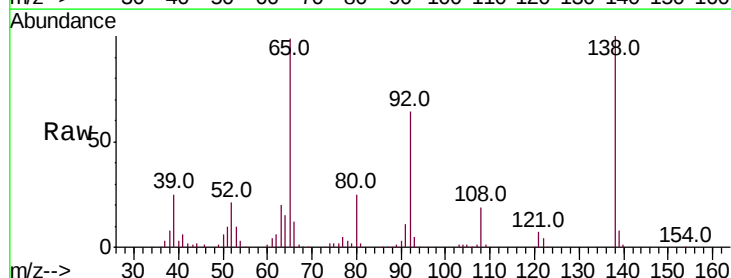
RT: 13.82 min Scan# 1793

Delta R.T. -0.01 min

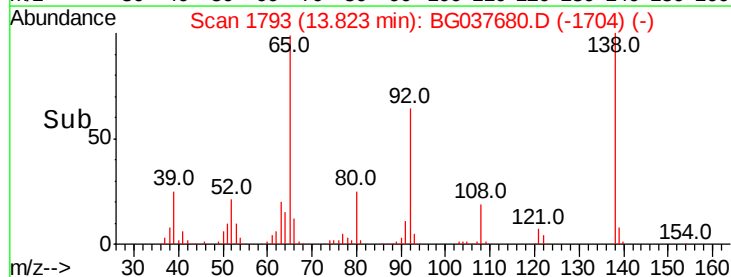
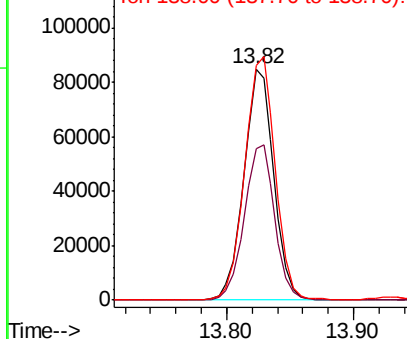
Lab File: BG037680.D

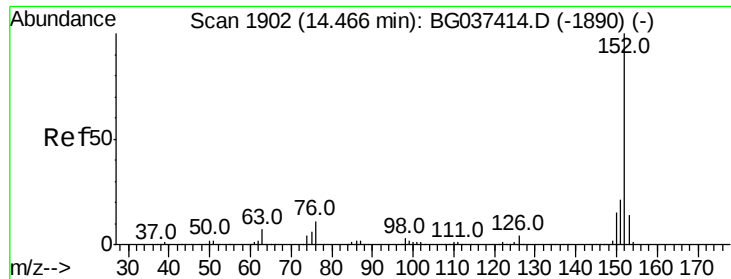
Acq: 31 Oct 2018 8:59

Tgt Ion:	65	Resp:	138978
Ion Ratio	Lower	Upper	
65	100		
92	65.2	53.2	79.8
138	101.4	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.178 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

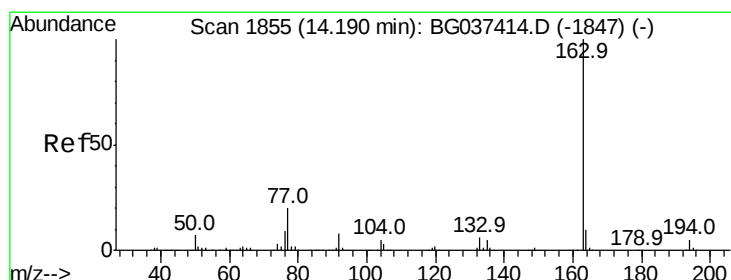
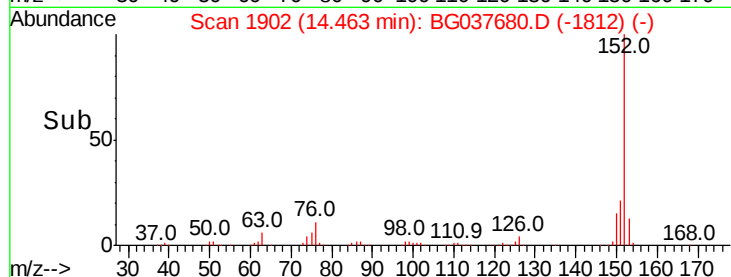
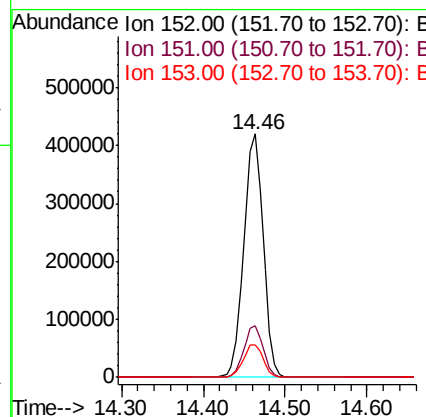
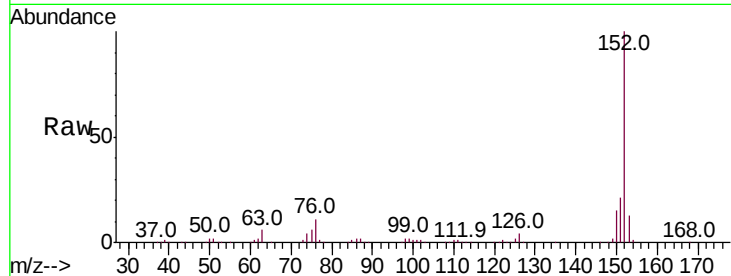
ClientSampleId :

PB114248BS

Tot Ion:	152	Resp:	694619
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.1	25.7
153	13.3	11.1	16.7

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#50

Dimethylphthalate

Concen: 42.877 ng

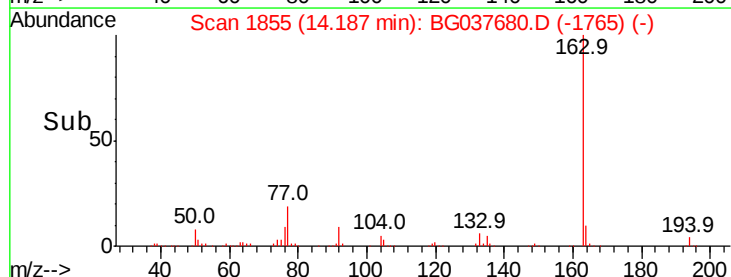
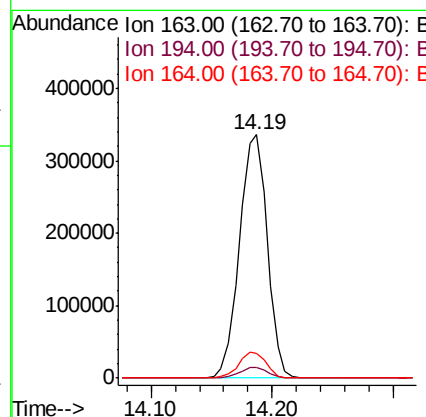
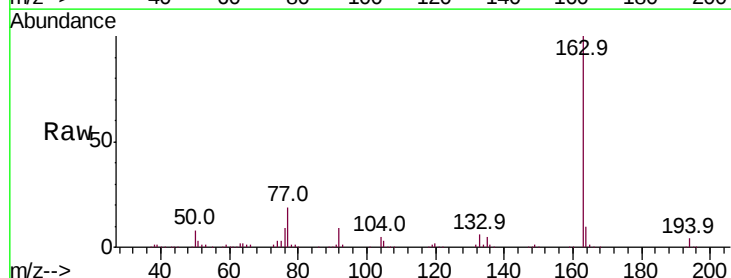
RT: 14.19 min Scan# 1855

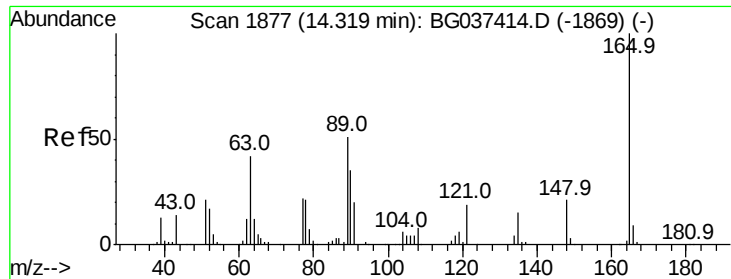
Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	163	Resp:	541115
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





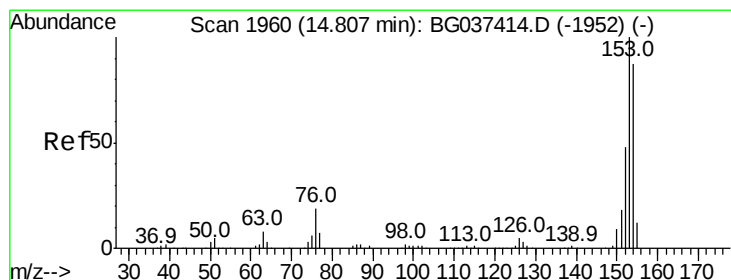
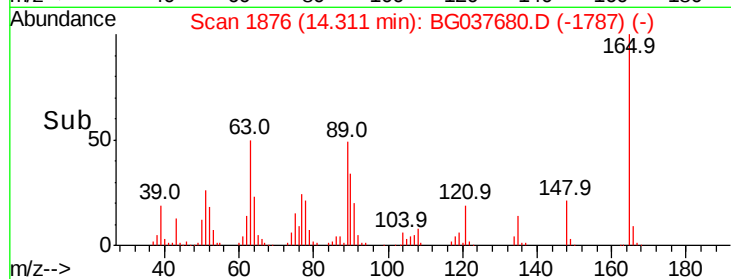
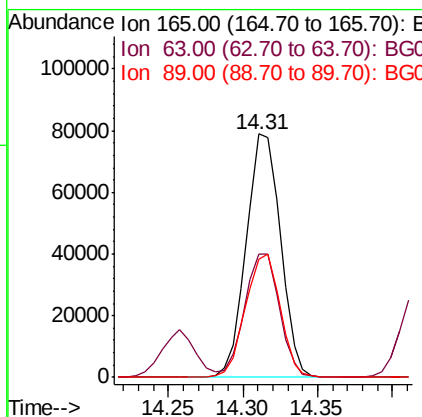
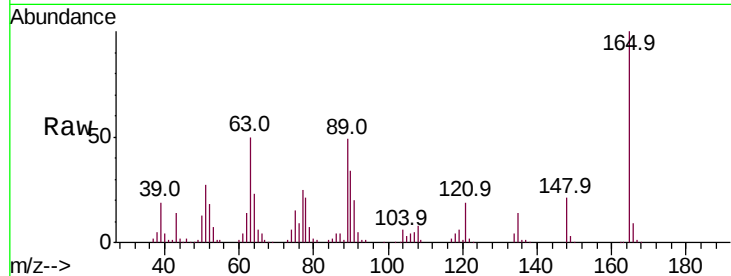
#51
 2,6-Dinitrotoluene
 Concen: 44.787 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125040		
63	50.5	43.4	65.2	
89	48.5	45.8	68.6	

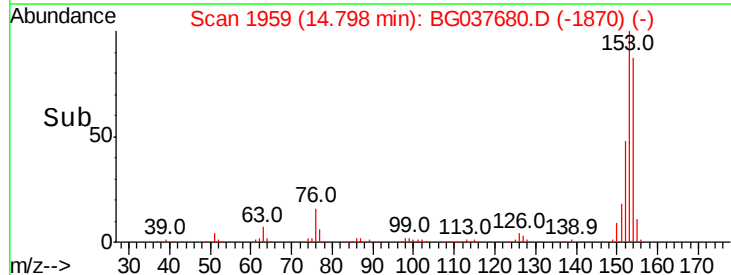
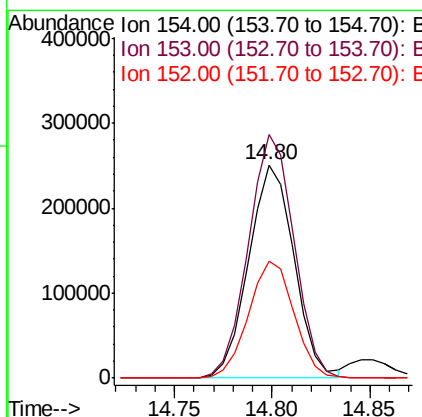
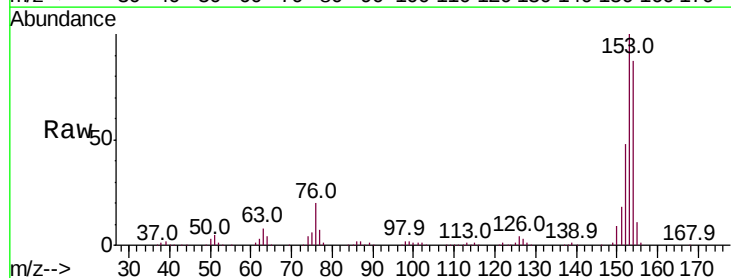
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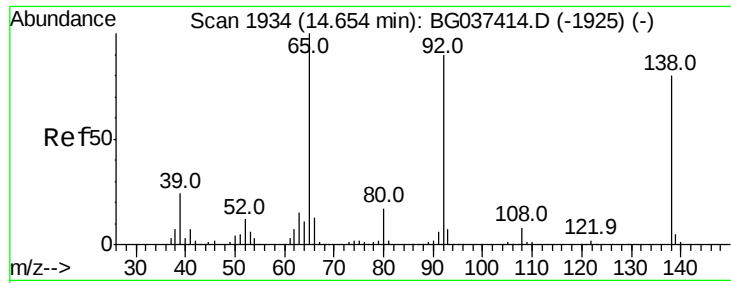
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#52
 Acenaphthene
 Concen: 42.715 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	404470		
153	114.3	93.4	140.0	
152	54.9	44.7	67.1	





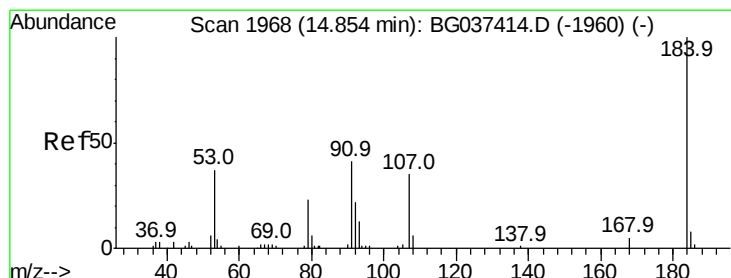
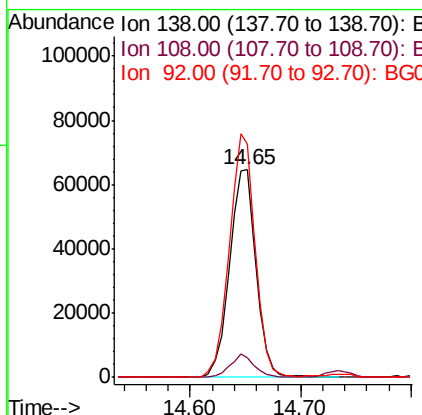
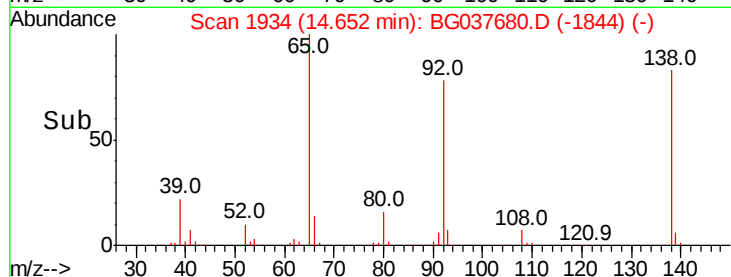
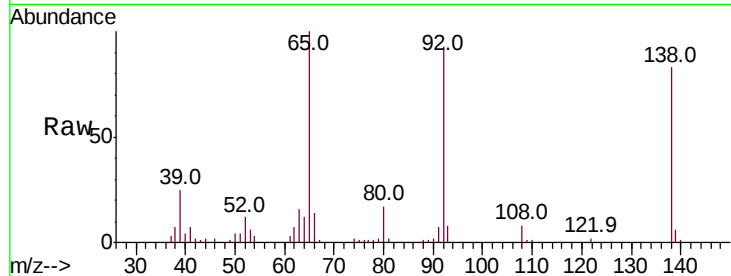
#53
 3-Nitroaniline
 Concen: 35.058 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion:138	Resp: 108657
Ion Ratio	Lower Upper
138 100	
108 9.2	11.0 16.6#
92 112.4	95.2 142.8

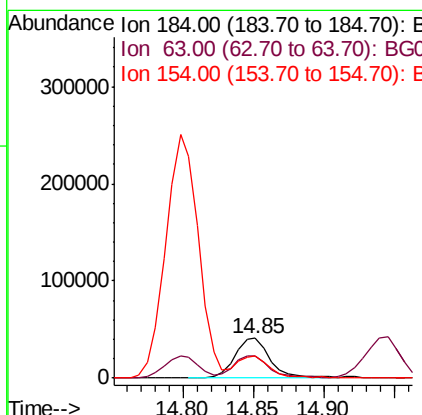
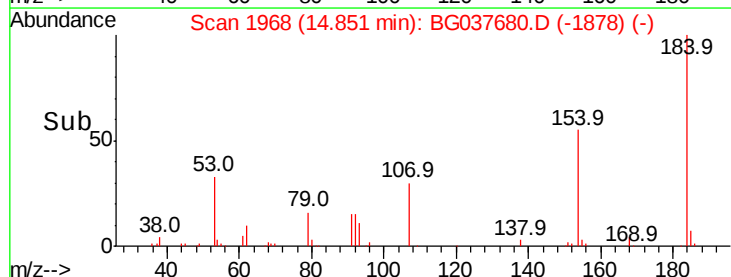
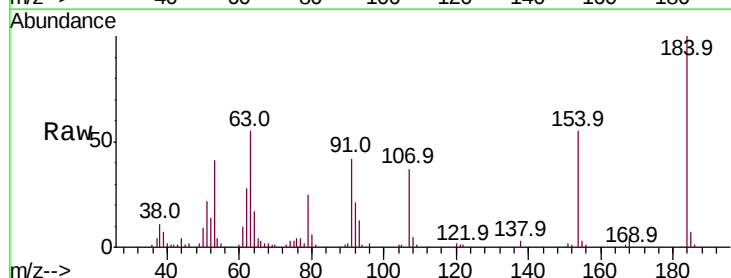
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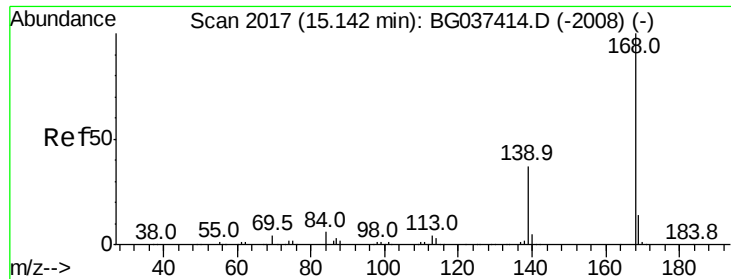
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#54
 2,4-Dinitrophenol
 Concen: 65.013 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion:184	Resp: 70473
Ion Ratio	Lower Upper
184 100	
63 54.5	42.6 63.8
154 54.5	41.8 62.6





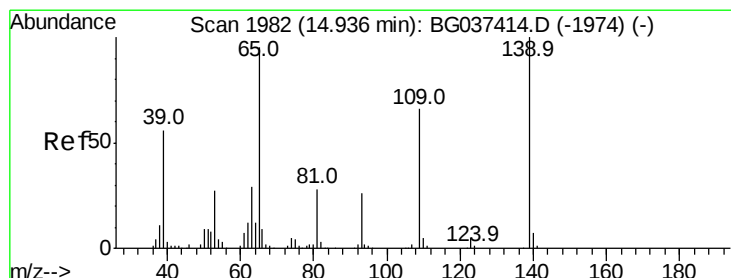
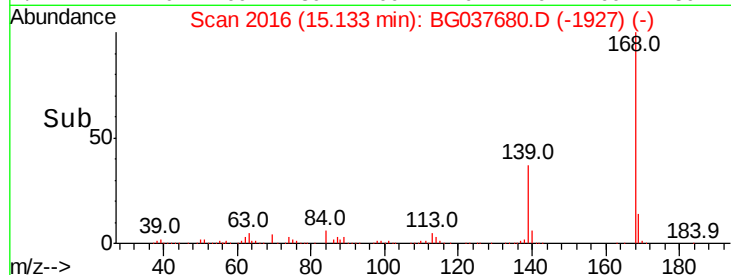
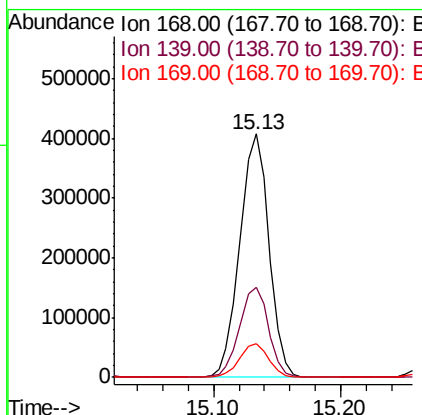
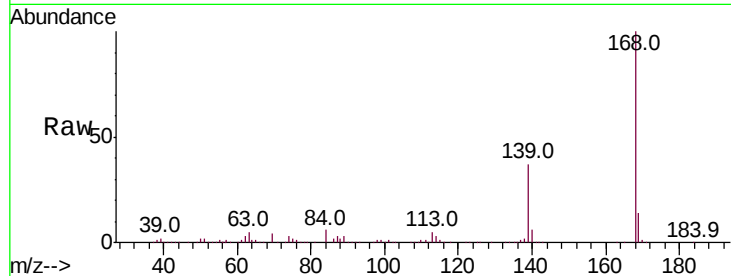
#55
Dibenzofuran
Concen: 41.415 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.0
169	13.8	11.0	16.6

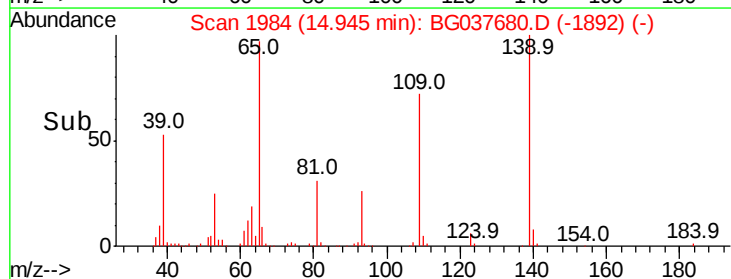
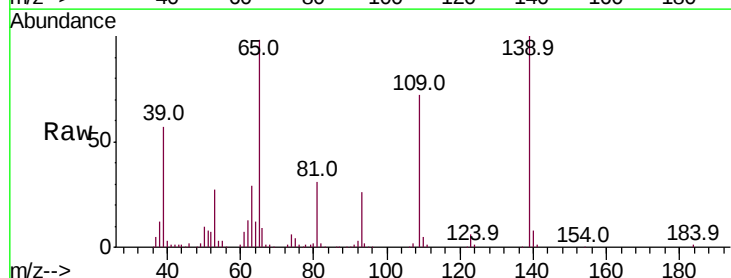
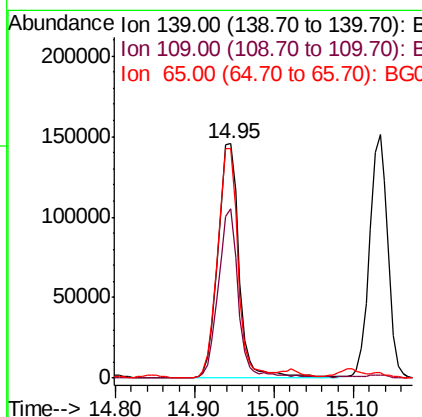
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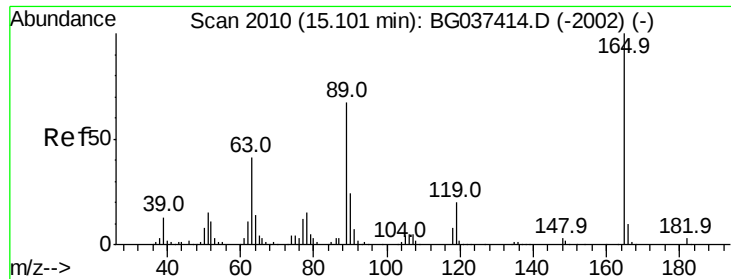
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#56
4-Nitrophenol
Concen: 118.297 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.4	49.5	89.5
65	97.8	76.8	116.8





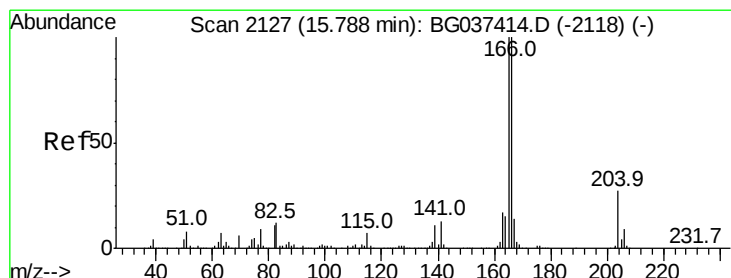
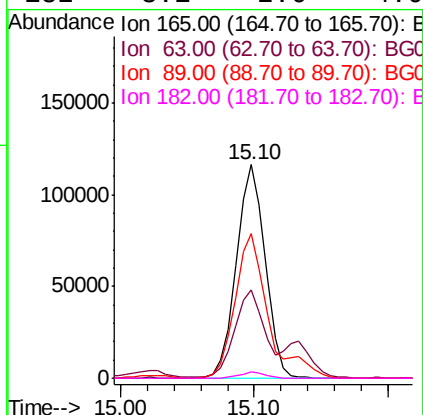
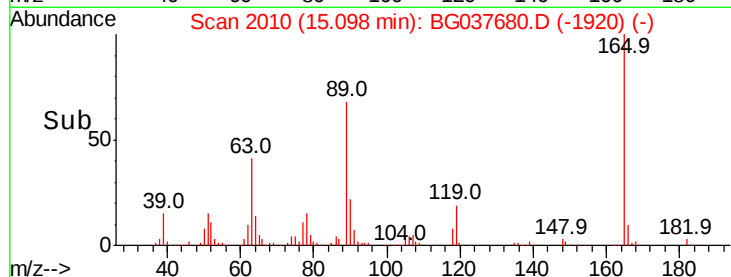
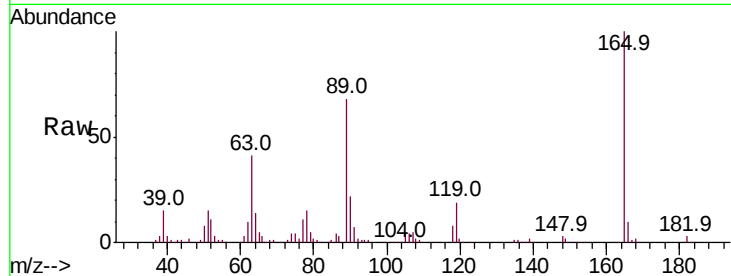
#57
2,4-Dinitrotoluene
Concen: 47.484 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	174018		
63	41.1	33.4	50.0	
89	67.7	57.2	85.8	
182	3.1	2.6	4.0	

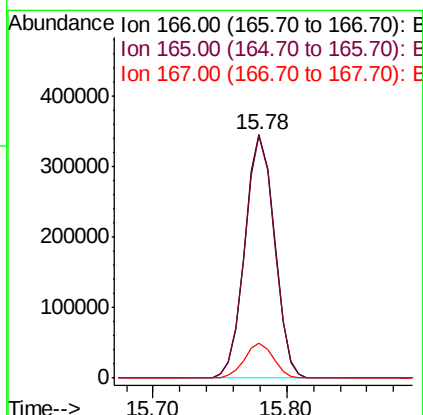
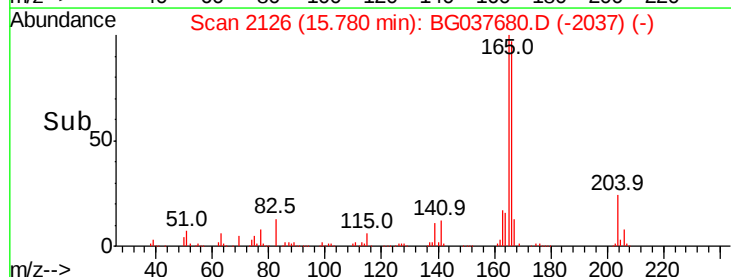
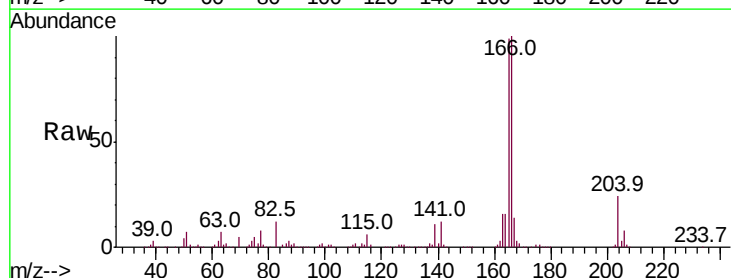
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#58
Fluorene
Concen: 45.041 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	529161		
165	99.3	79.0	118.6	
167	14.5	11.3	16.9	





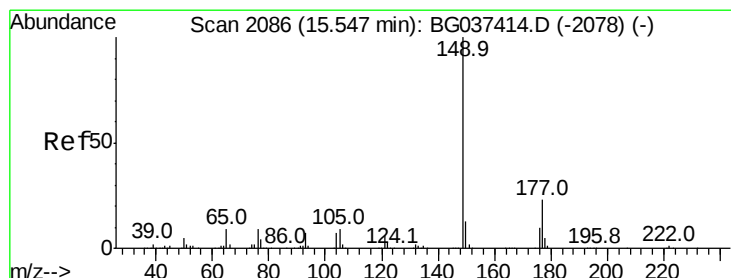
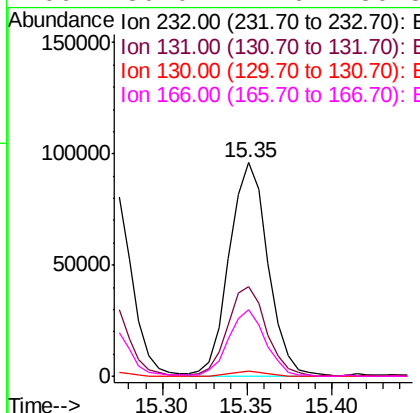
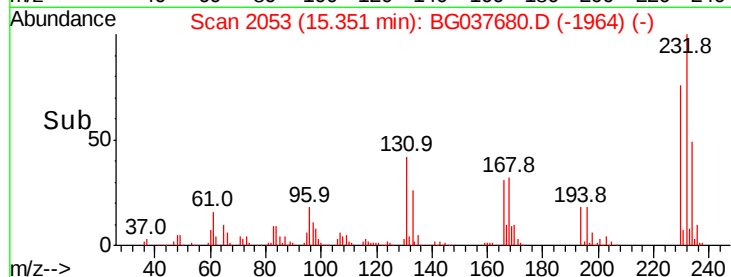
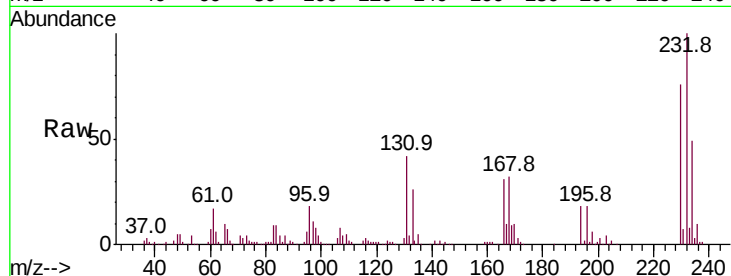
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.889 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampled :
PB114248BS

Tot Ion:	232	Resp:	153659
Ion Ratio	Lower	Upper	
232	100		
131	41.1	33.7	50.5
130	2.3	2.1	3.1
166	30.0	24.6	36.8

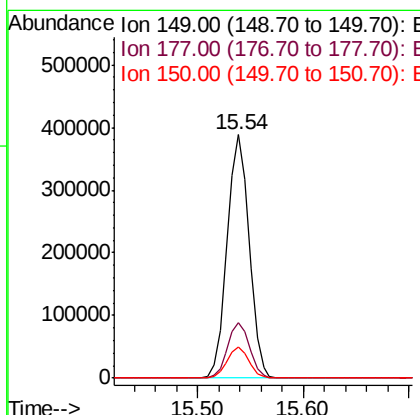
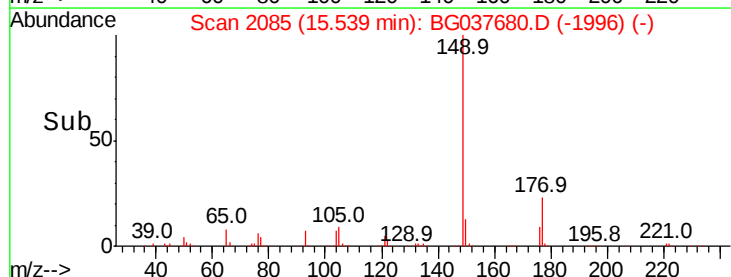
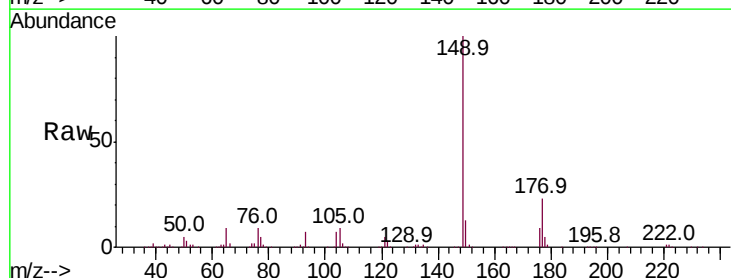
Manual Integrations
APPROVED

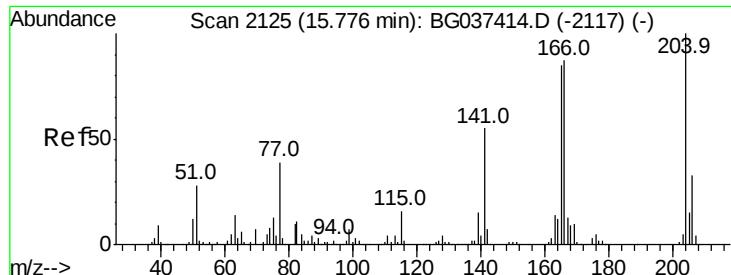
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#60
Diethylphthalate
Concen: 43.028 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion:	149	Resp:	557502
Ion Ratio	Lower	Upper	
149	100		
177	22.8	18.3	27.5
150	12.7	10.0	15.0





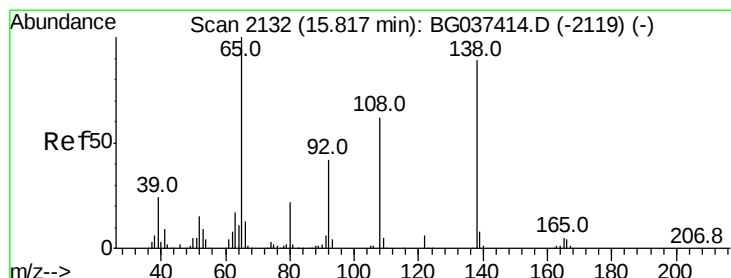
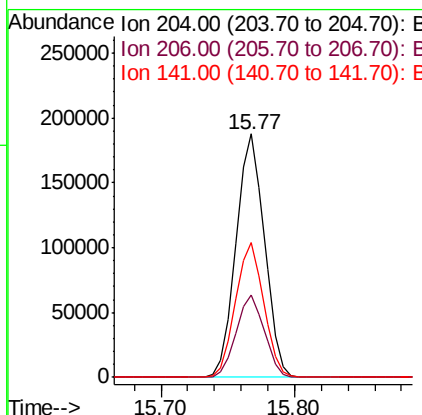
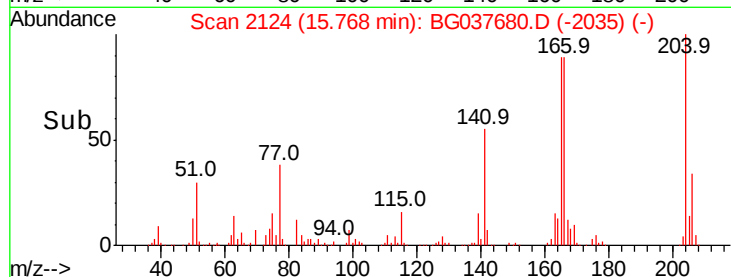
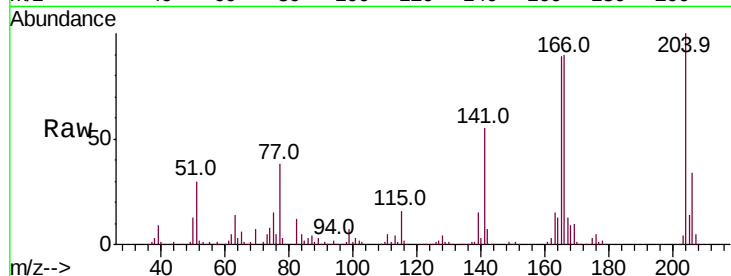
#61
 4-Chlorophenyl-phenylether
 Concen: 40.514 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleID :
 PB114248BS

Tot Ion:	204	Resp:	277434
Ion Ratio	Lower	Upper	
204	100		
206	33.8	26.6	39.8
141	55.3	45.4	68.2

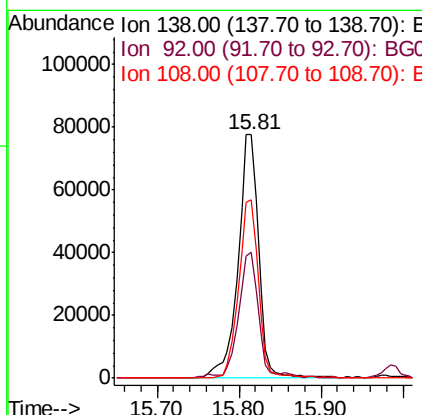
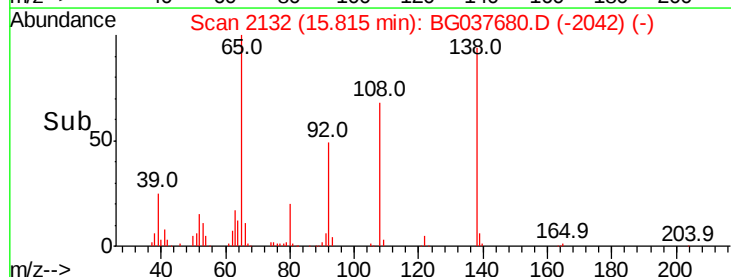
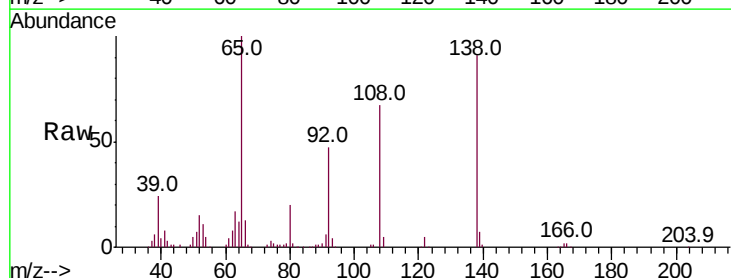
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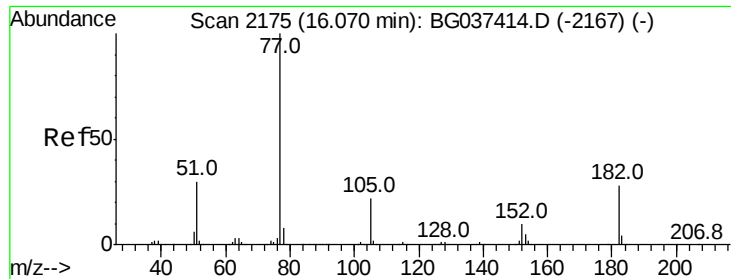
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#62
 4-Nitroaniline
 Concen: 44.285 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion:	138	Resp:	136386
Ion Ratio	Lower	Upper	
138	100		
92	51.9	36.4	76.4
108	73.5	60.1	100.1





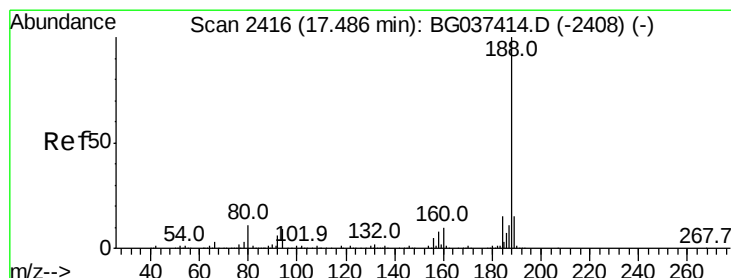
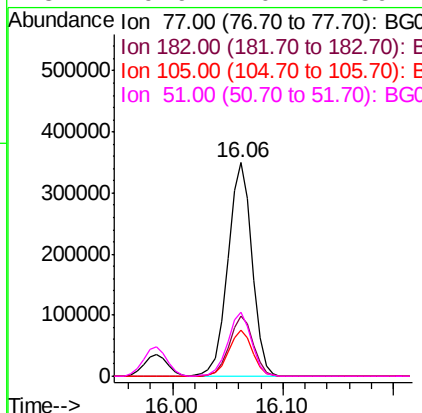
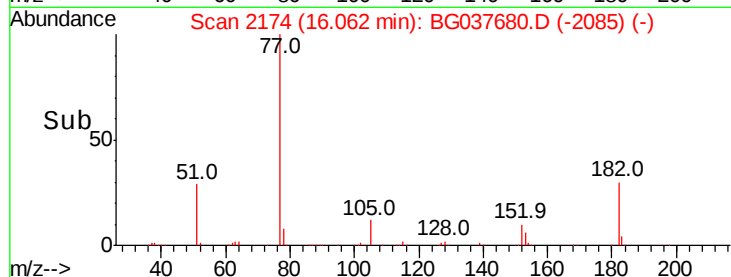
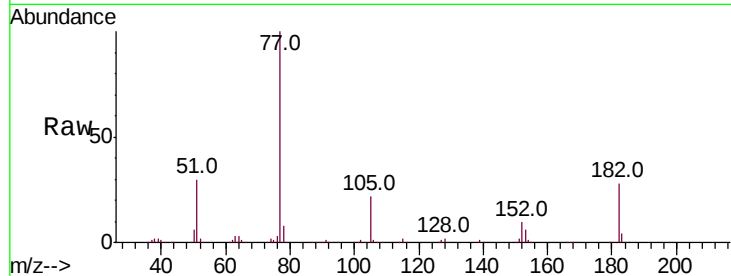
#63
Azobenzene
Concen: 43.255 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		534722		
182	28.1	8.0	48.0		
105	21.7	1.3	41.3		
51	29.9	10.7	50.7		

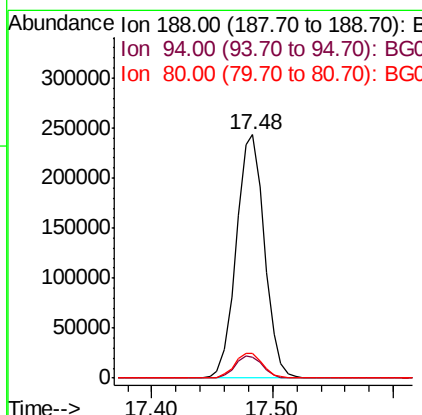
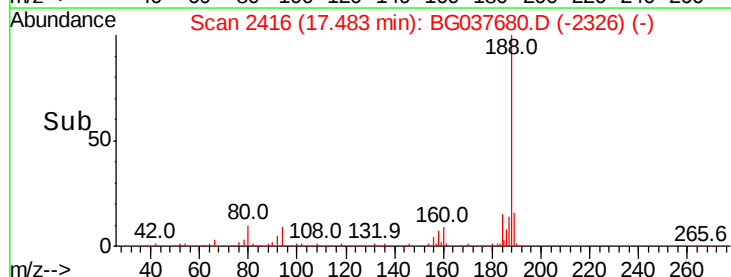
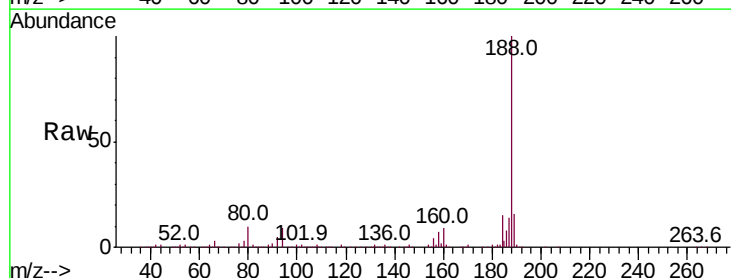
Manual Integrations
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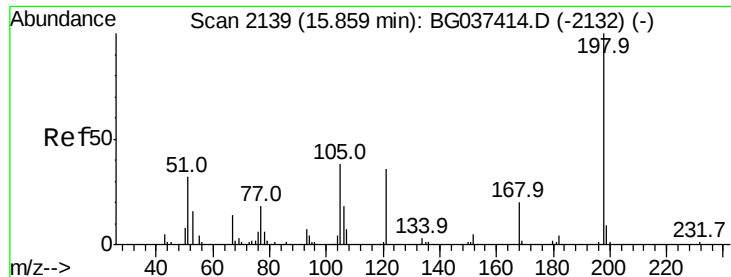
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		394151		
94	8.7	7.2	10.8		
80	10.0	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.172 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion:198 Resp: 74573

Ion Ratio Lower Upper

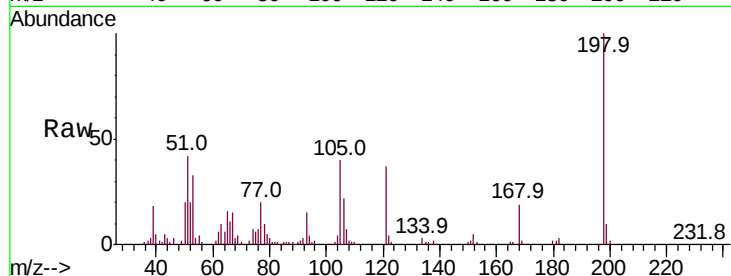
198 100

51 41.9 22.7 62.7

105 40.2 19.7 59.7

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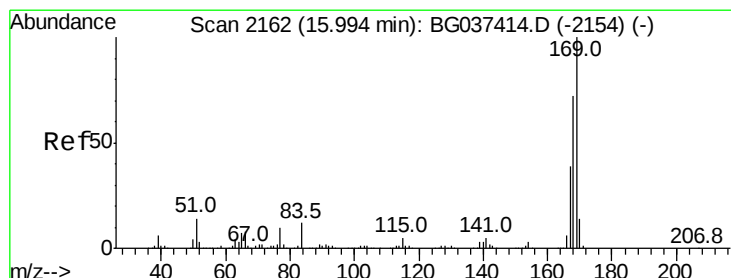
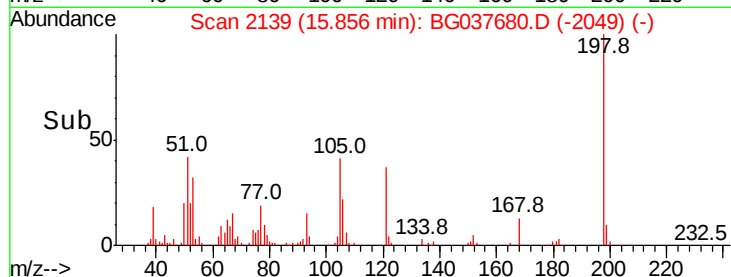
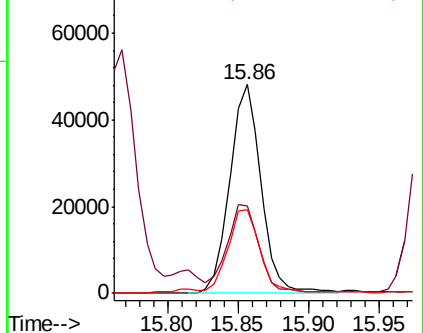
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.097 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

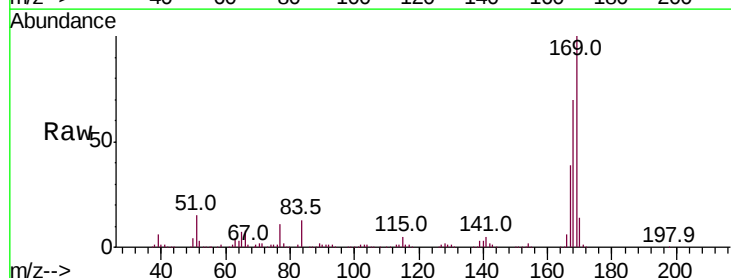
Tgt Ion:169 Resp: 487257

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

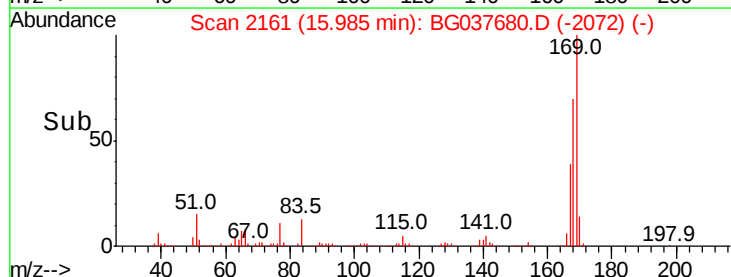
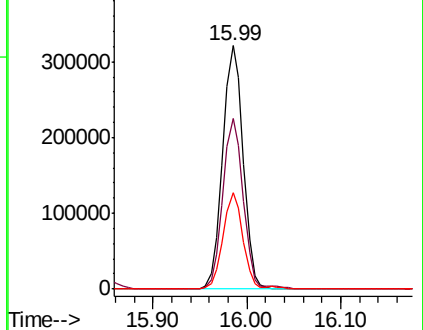
167 39.4 31.3 46.9



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: 39.829 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

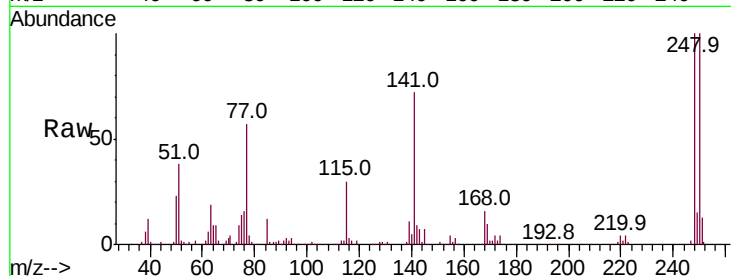
ClientSampleId :

PB114248BS

Tot Ion:	248	Resp:	172395
Ion Ratio	Lower	Upper	
248	100		
250	100.3	77.0	115.6
141	72.4	55.5	83.3

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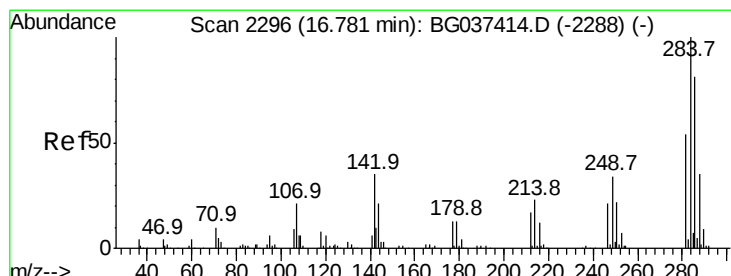
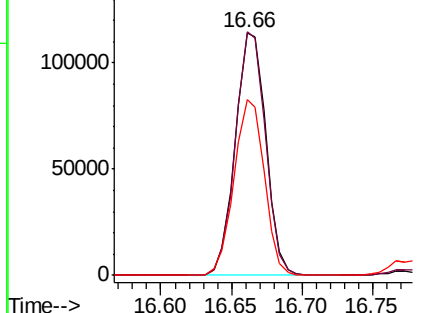
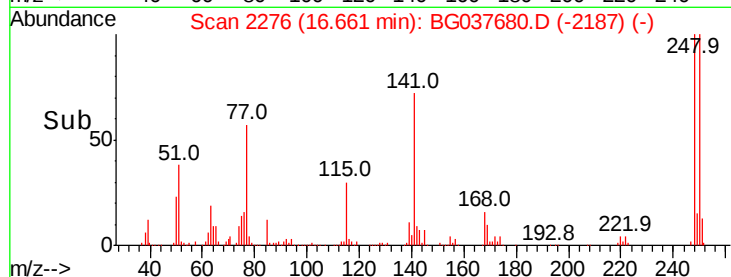


Abundance

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: 38.757 ng

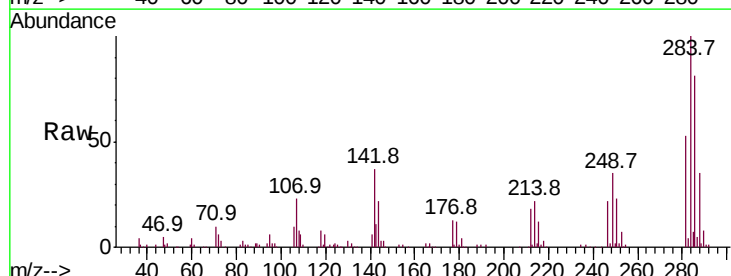
RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	284	Resp:	173865
Ion Ratio	Lower	Upper	
284	100		
142	36.5	28.1	42.1
249	36.8	29.8	44.8

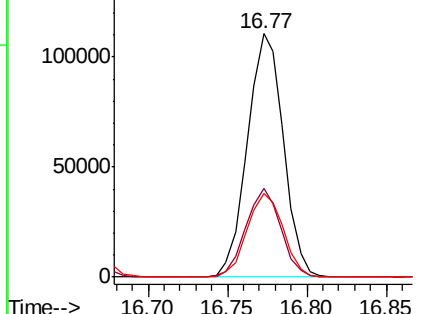
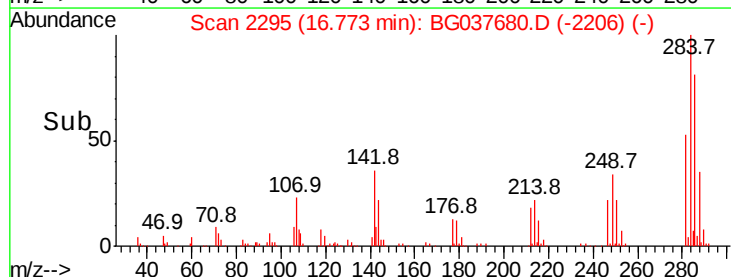


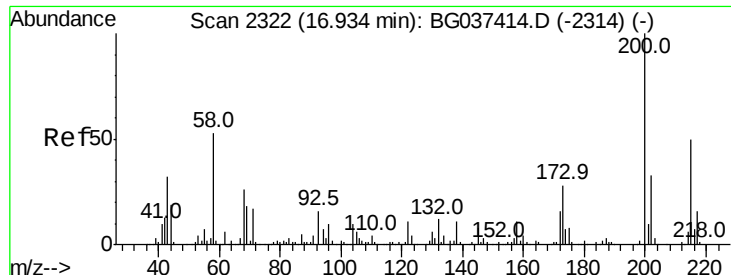
Abundance

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





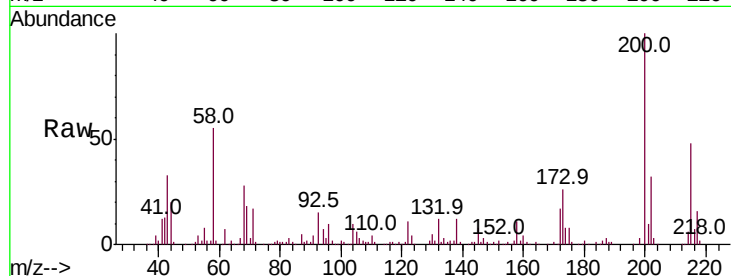
#69
Atrazine
Concen: 42.669 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

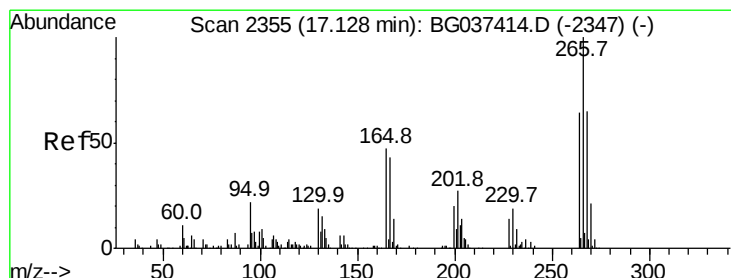
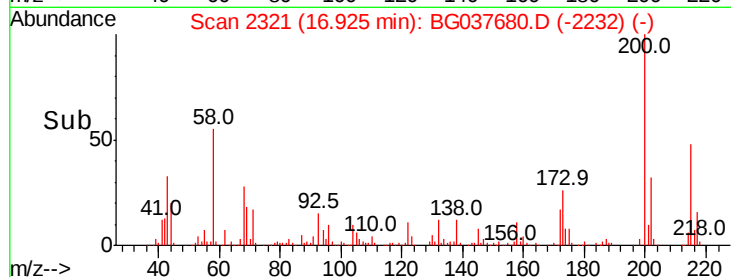
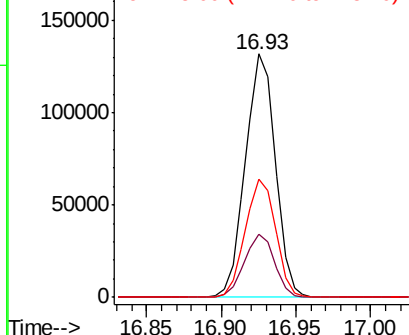
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	6.1	46.1
215	48.3	30.8	70.8

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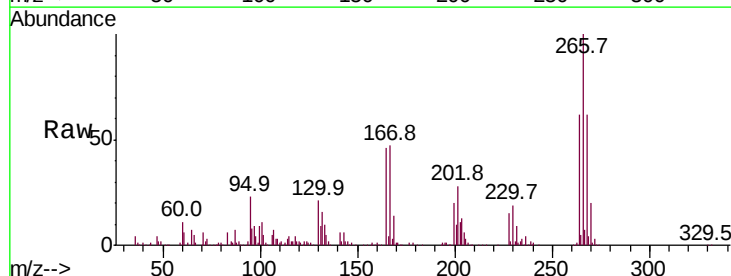


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

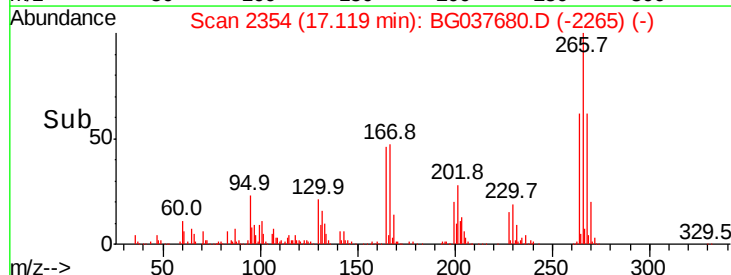
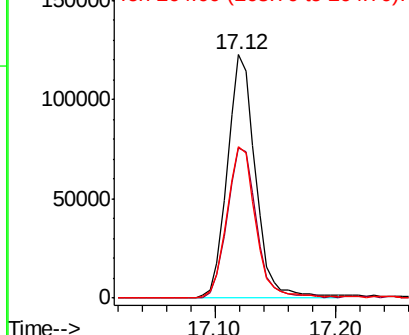


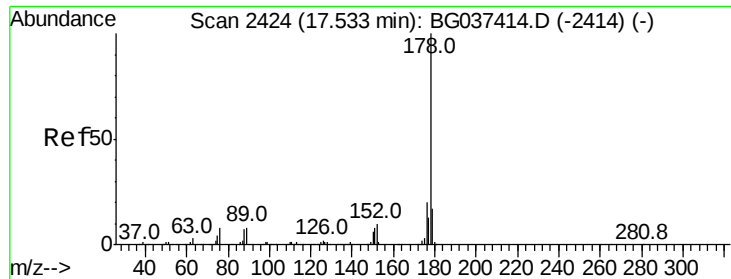
#70
Pentachlorophenol
Concen: 66.411 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	55.0	82.6
264	67.4	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





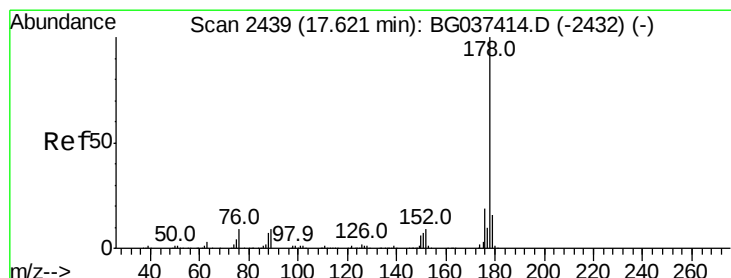
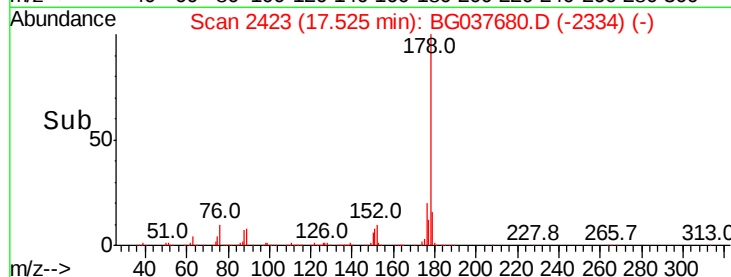
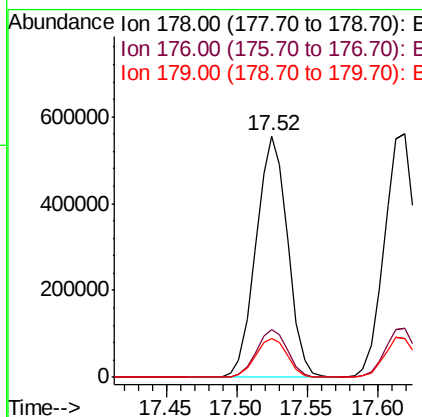
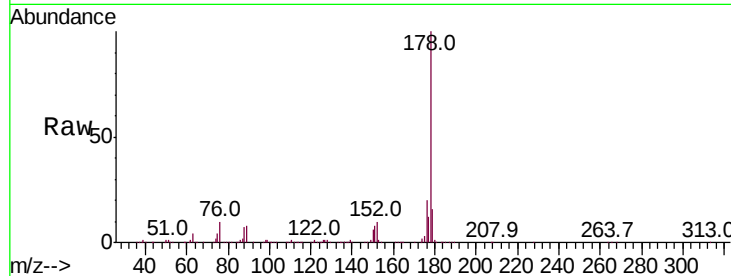
#71
Phenanthrene
Concen: 43.558 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.1	13.0	19.4

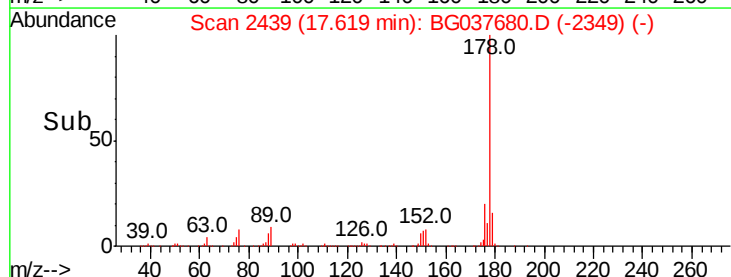
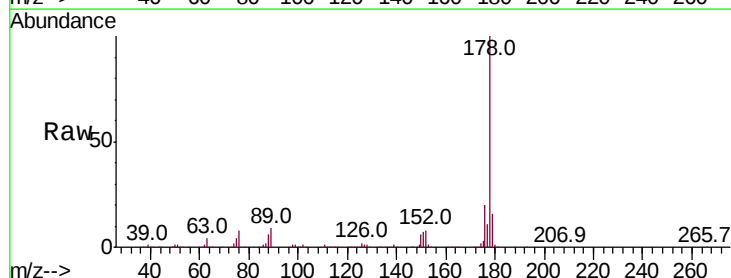
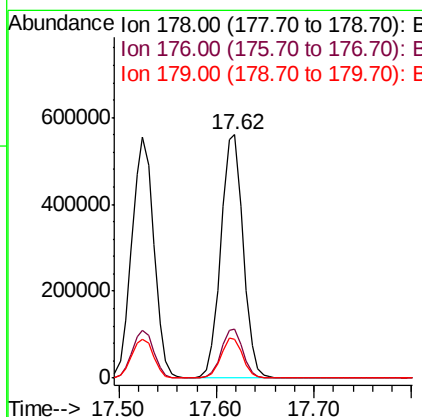
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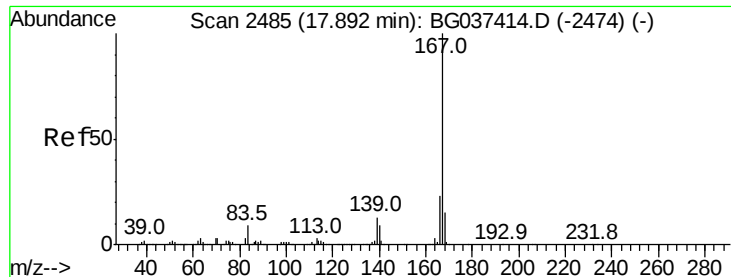
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#72
Anthracene
Concen: 45.065 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	16.1	12.8	19.2





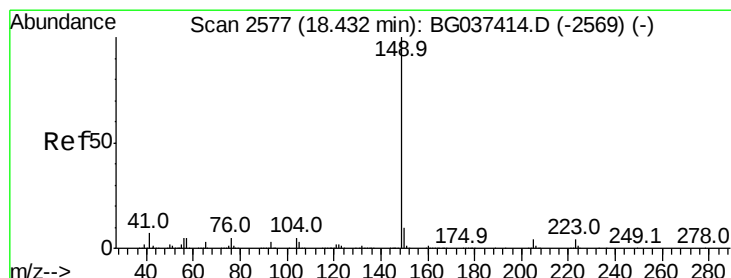
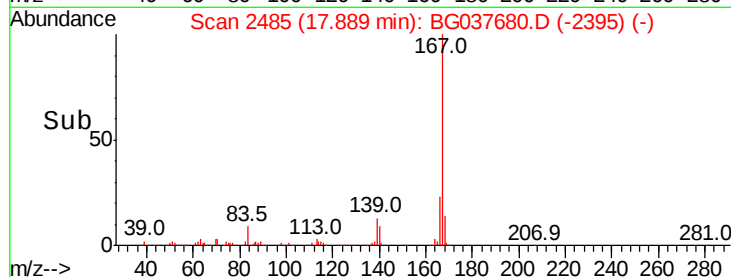
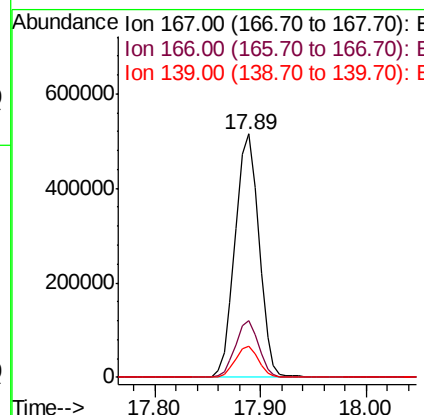
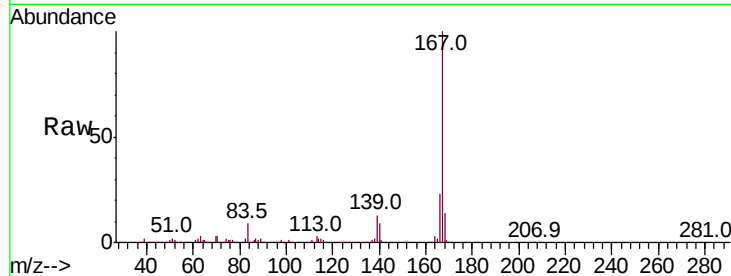
#73
 Carbazole
 Concen: 41.012 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	12.8	10.5	15.7

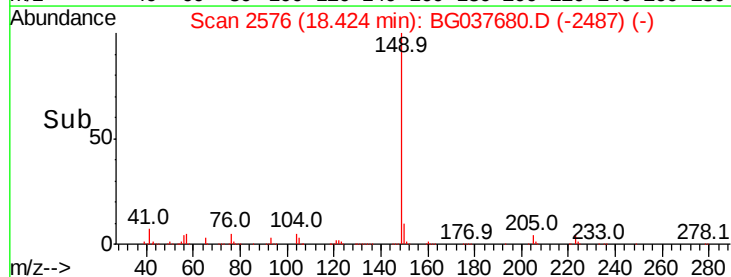
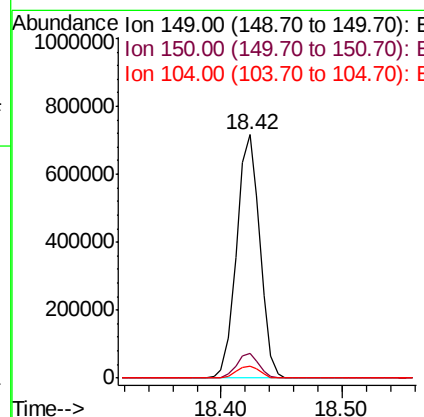
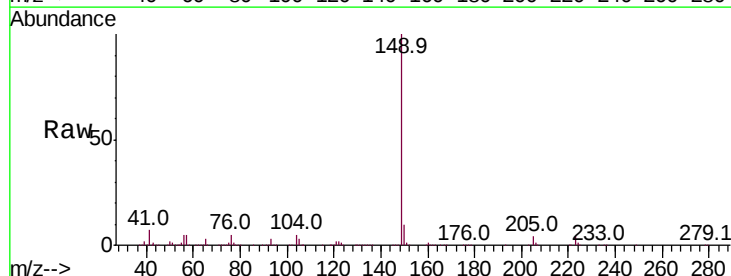
Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:24 AM



#74
 Di-n-butylphthalate
 Concen: 43.790 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037680.D
 Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 44.525 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

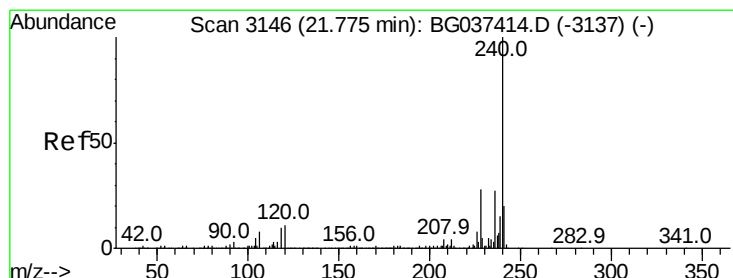
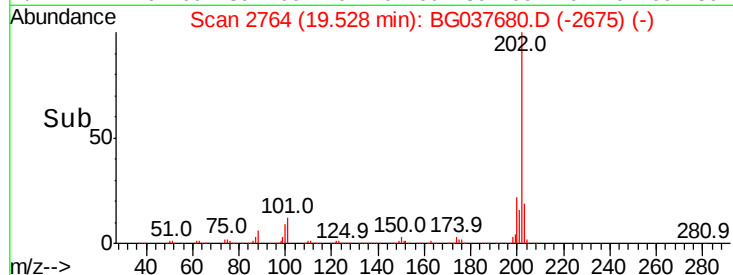
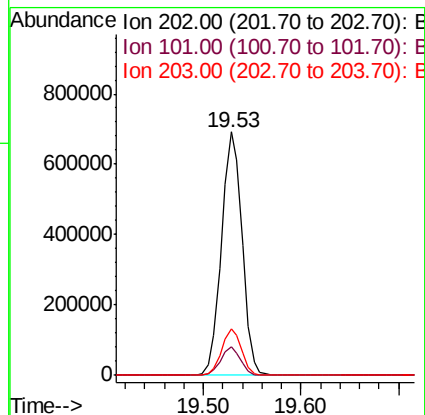
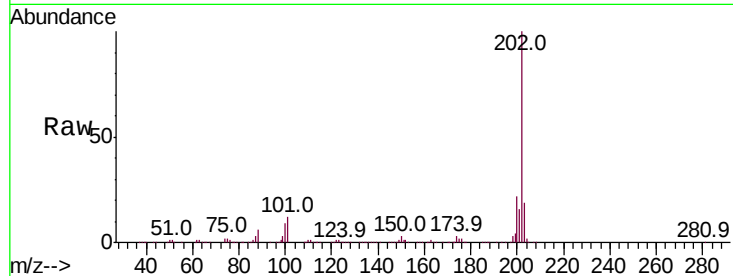
ClientSampleId :

PB114248BS

Tot Ion:	202	Resp:	1011605
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.7
203	19.3	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

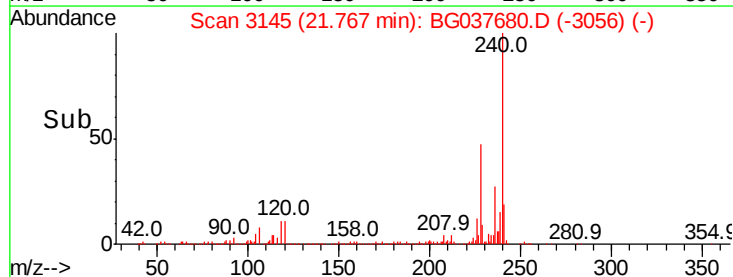
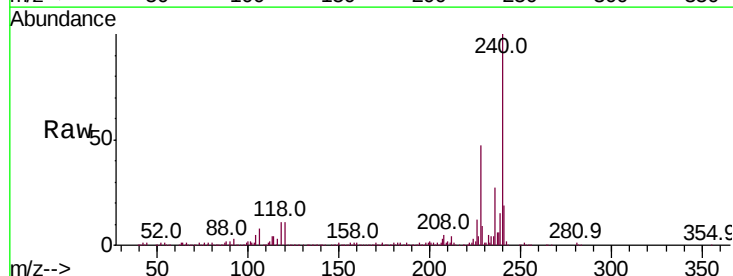
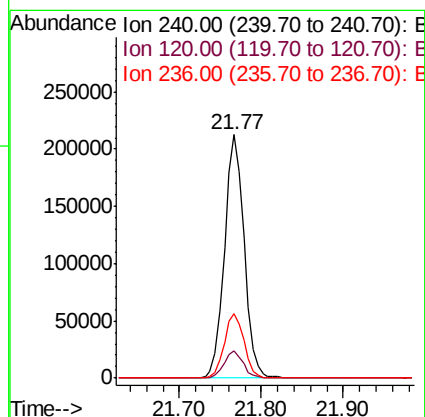
RT: 21.77 min Scan# 3145

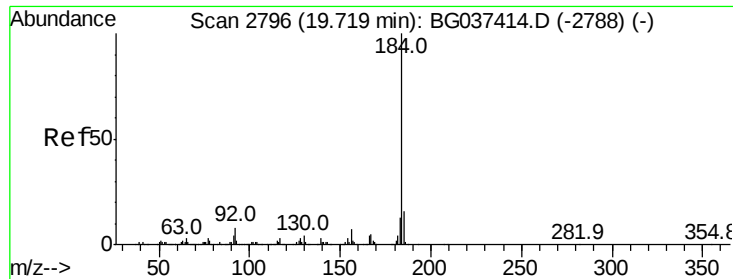
Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	240	Resp:	354968
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.1	12.1
236	26.6	21.4	32.0





#77

Benzidine

Concen: 39.451 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

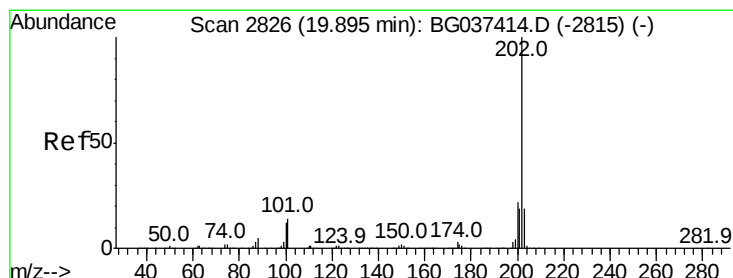
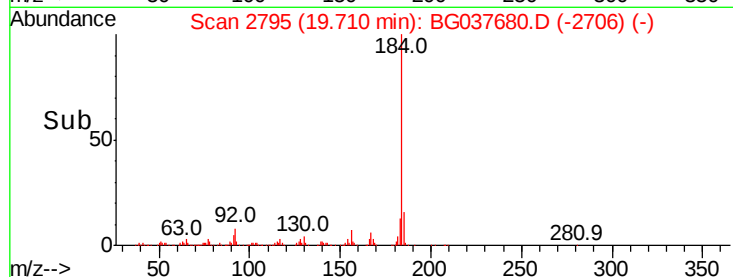
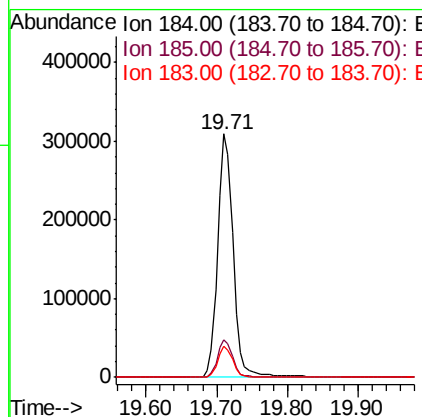
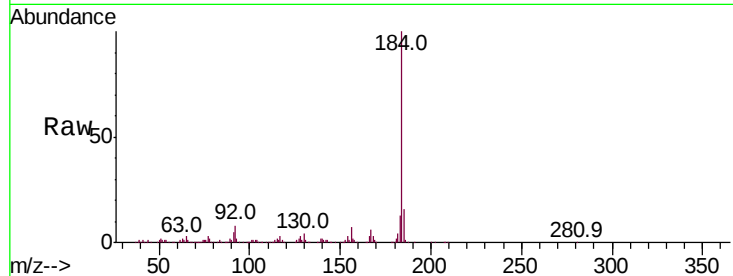
ClientSampleId :

PB114248BS

Tot Ion:	184	Resp:	476171
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.7	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 43.365 ng

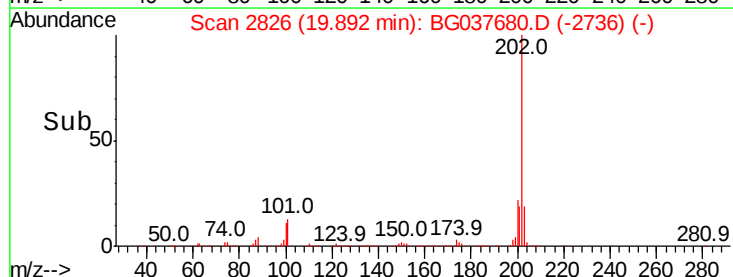
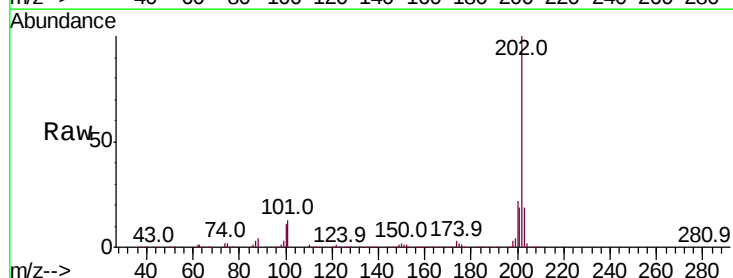
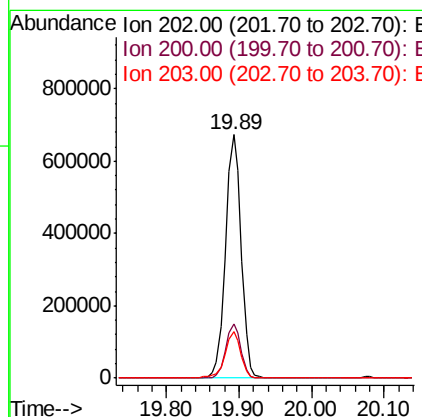
RT: 19.89 min Scan# 2826

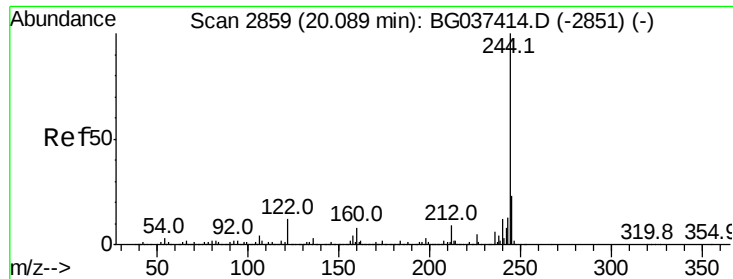
Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	202	Resp:	1006278
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.6
203	18.9	15.2	22.8





#79

Terphenyl-d14

Concen: 77.045 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

ClientSampleId :

PB114248BS

Tot Ion:244 Resp: 1279904

Ion Ratio Lower Upper

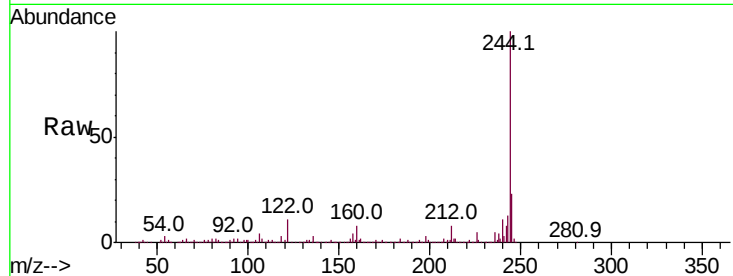
244 100

212 8.1 6.5 9.7

122 11.3 9.0 13.4

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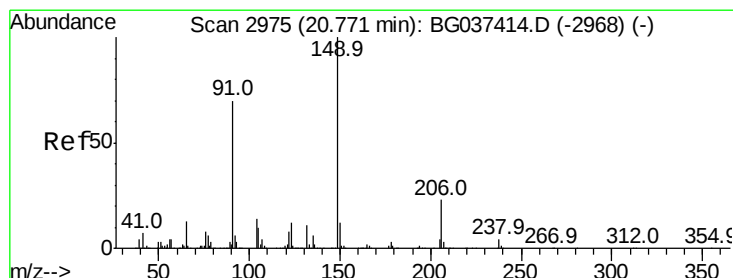
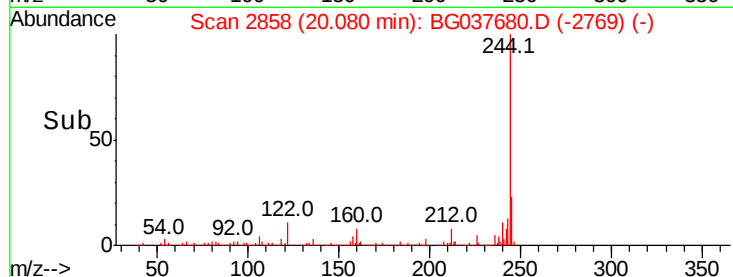
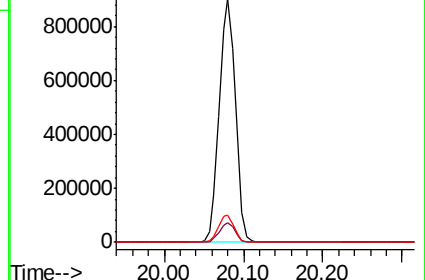
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.579 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

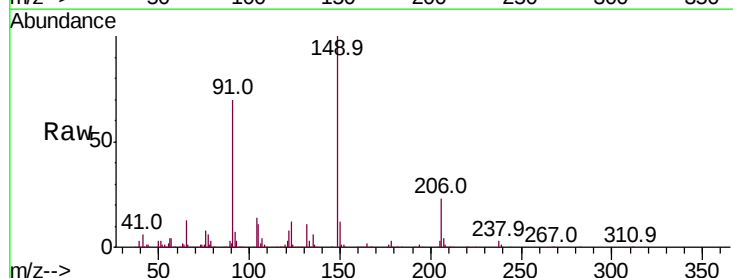
Tgt Ion:149 Resp: 432851

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

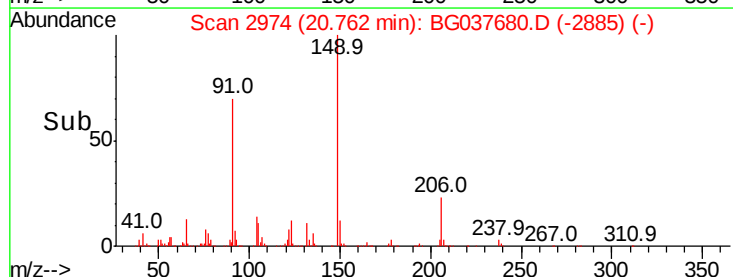
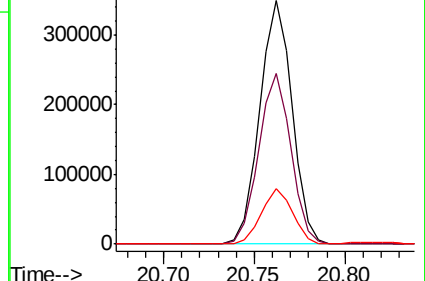
206 22.8 17.8 26.6

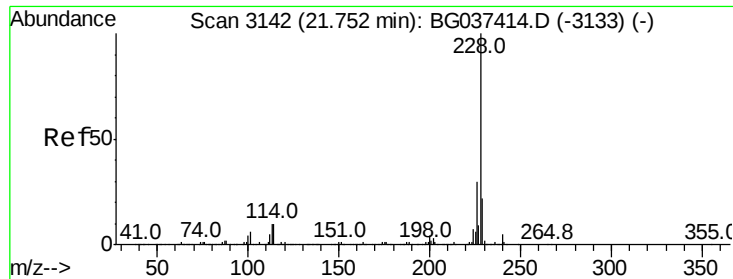


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.496 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

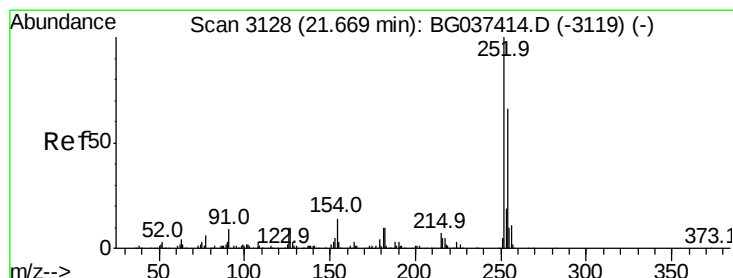
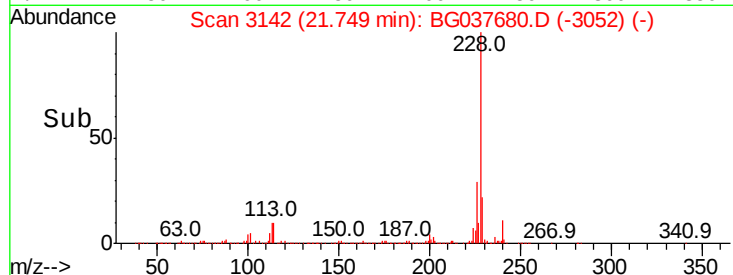
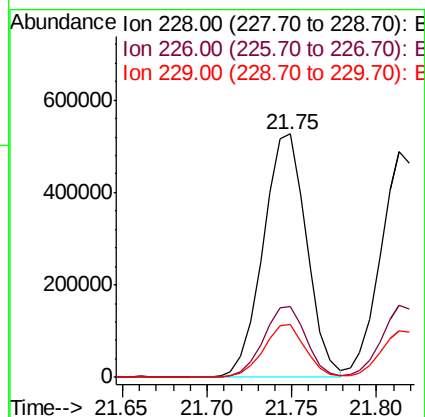
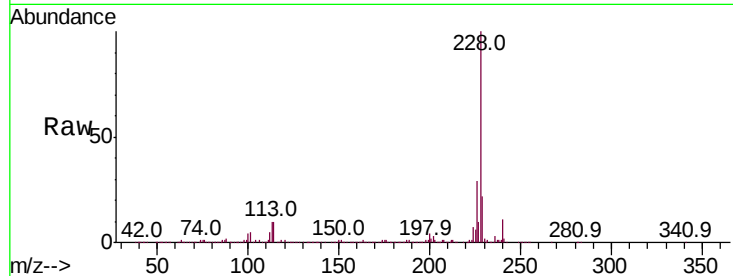
ClientSampleId :

PB114248BS

Tot Ion:	228	Resp:	934245
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	33.8
229	21.6	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.225 ng

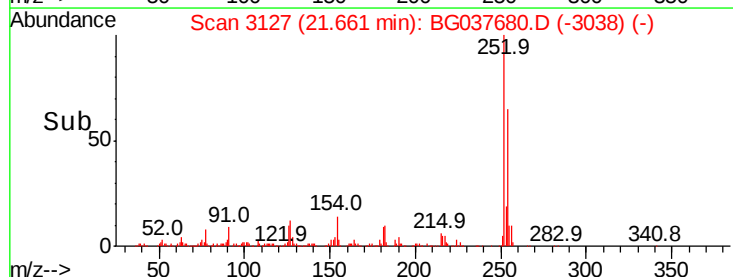
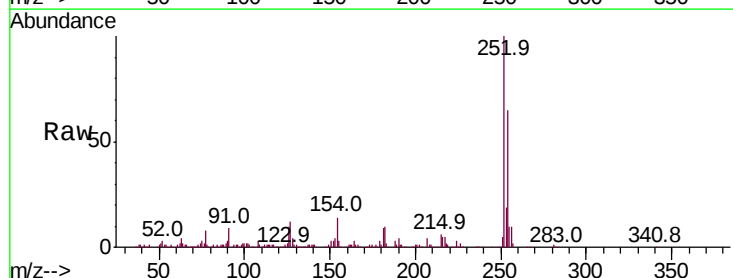
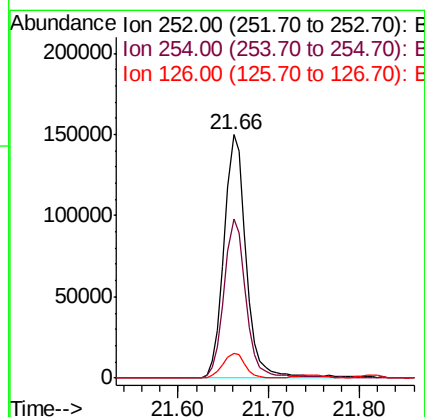
RT: 21.66 min Scan# 3127

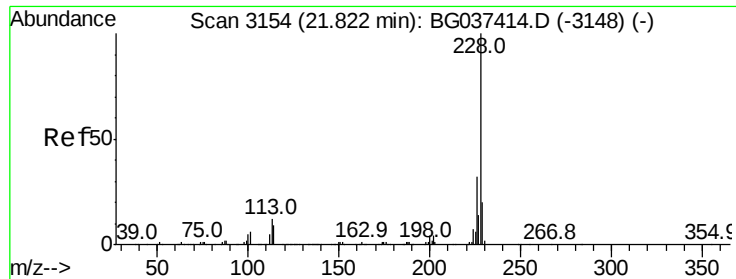
Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	252	Resp:	254118
Ion Ratio	Lower	Upper	
252	100		
254	65.2	52.0	78.0
126	10.1	8.2	12.4





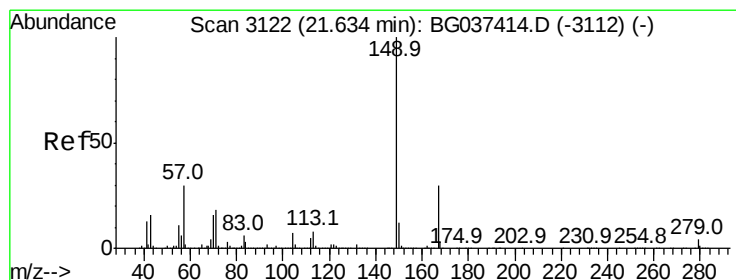
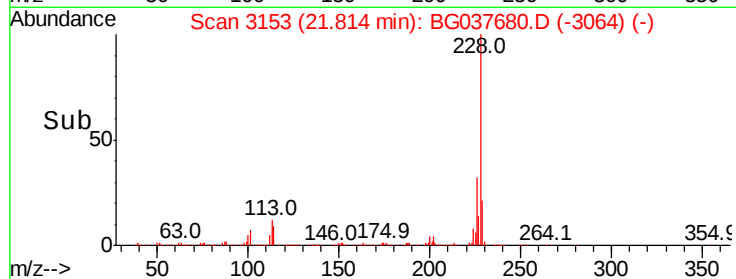
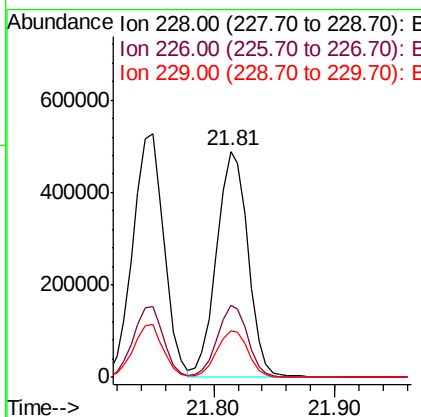
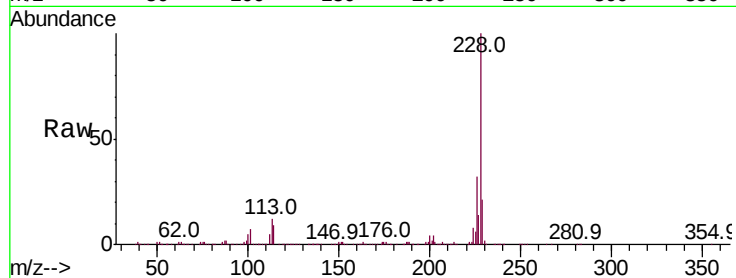
#83
Chrysene
Concen: 43.254 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	20.8	16.5	24.7

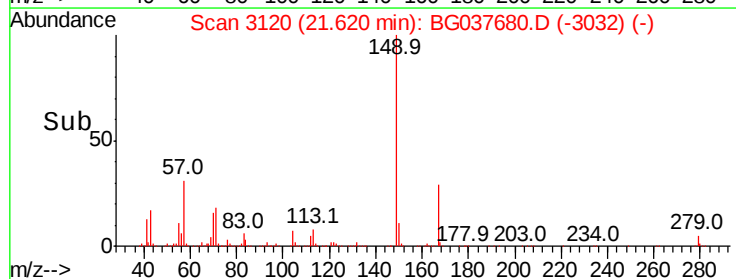
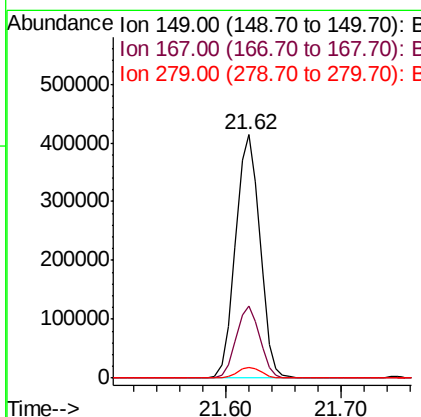
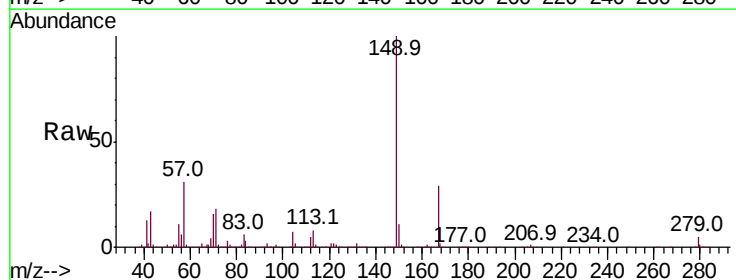
Manual Integrations
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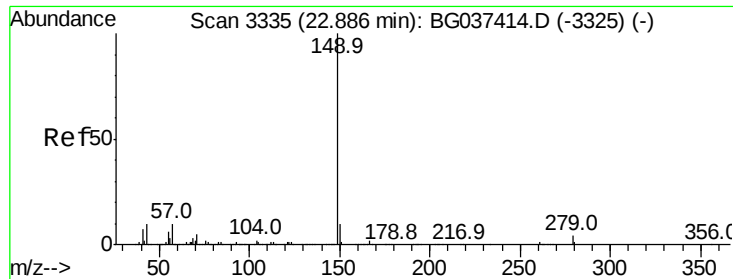
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.574 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.080 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

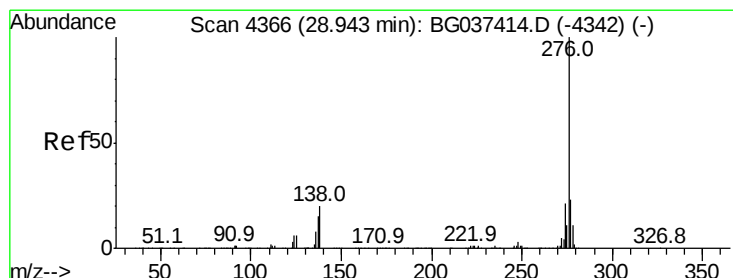
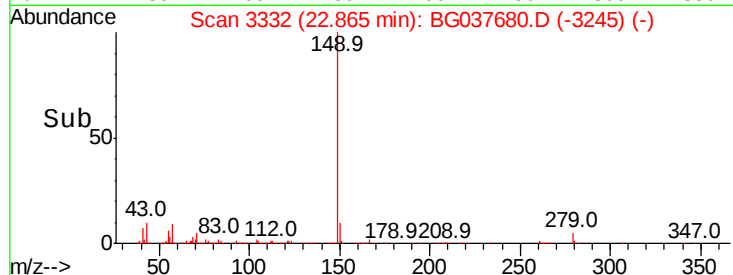
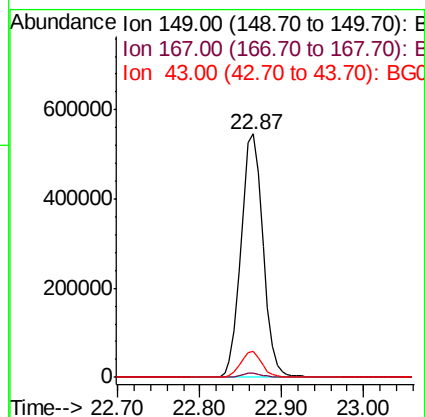
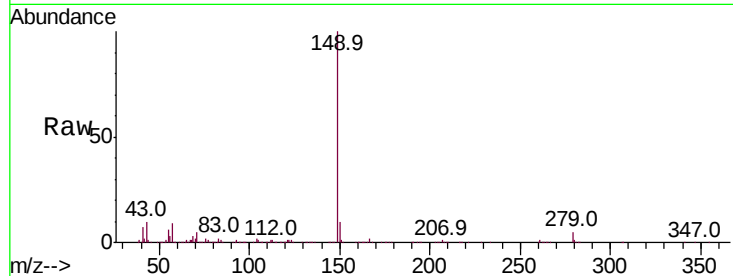
ClientSampleId :

PB114248BS

Tot Ion:	149	Resp:	1021971
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.2	8.7	13.1

Manual Integrations
APPROVED

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10/31/2018 11:54:24 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.383 ng

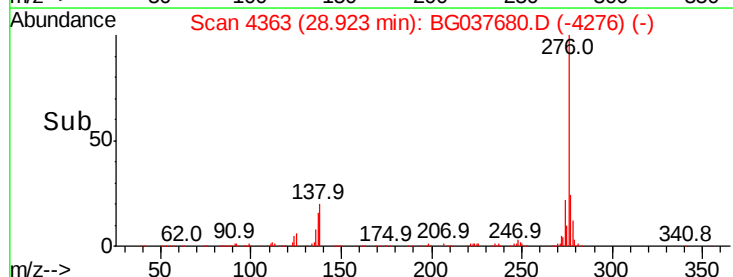
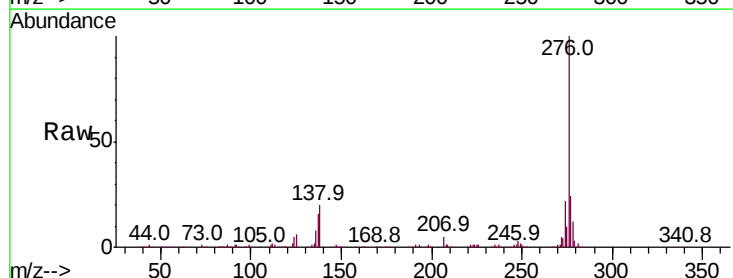
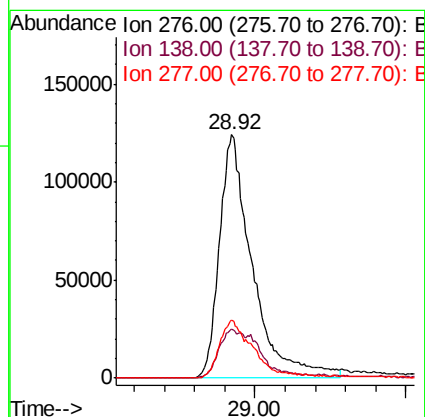
RT: 28.92 min Scan# 4363

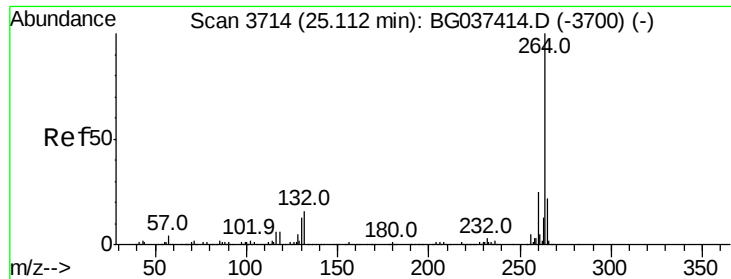
Delta R.T. -0.02 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Tgt Ion:	276	Resp:	939414
Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.0	18.0
277	24.6	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

Instrument :

BNA_G

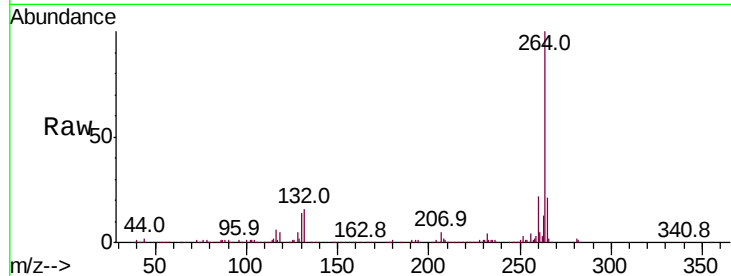
ClientSampleId :

PB114248BS

Tot Ion:	264	Resp:	361582
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.2	27.4
265	21.0	17.9	26.9

Manual Integrations
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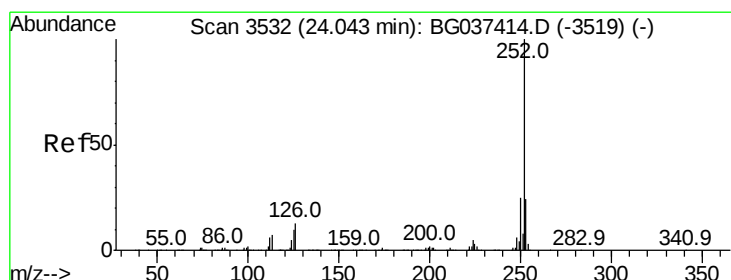
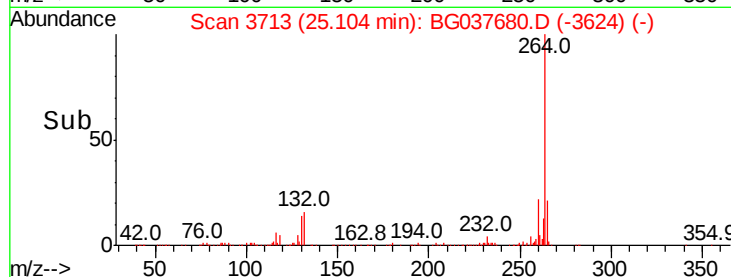
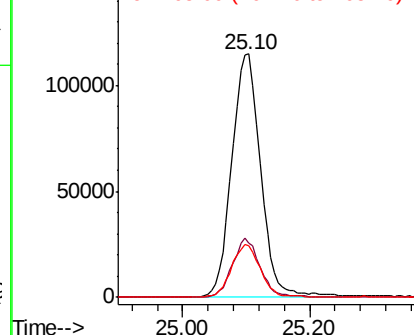


Abundance

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: 46.837 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG037680.D

Acq: 31 Oct 2018 8:59

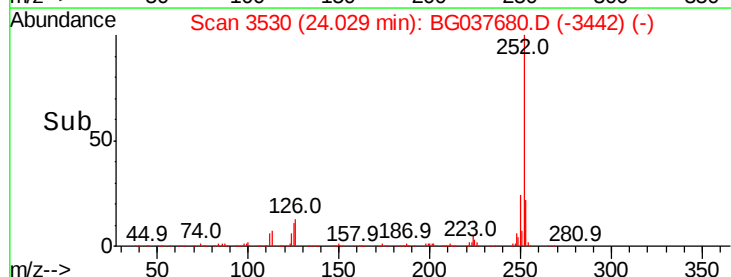
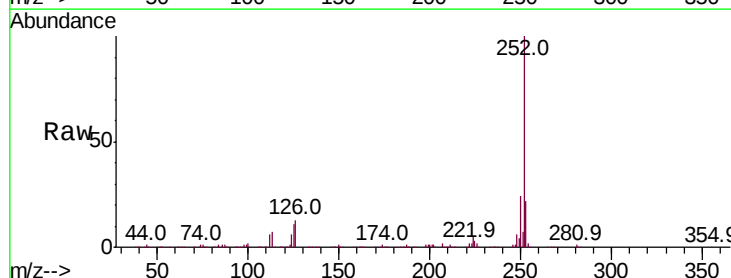
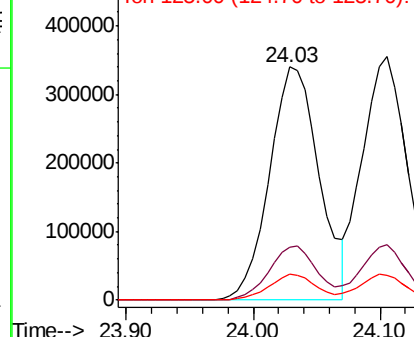
Tgt Ion:	252	Resp:	928458
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	10.9	7.8	11.6

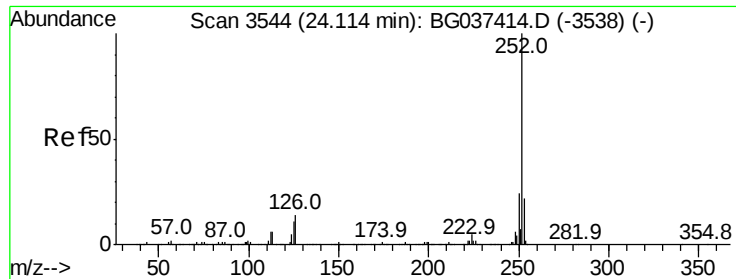
Abundance

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





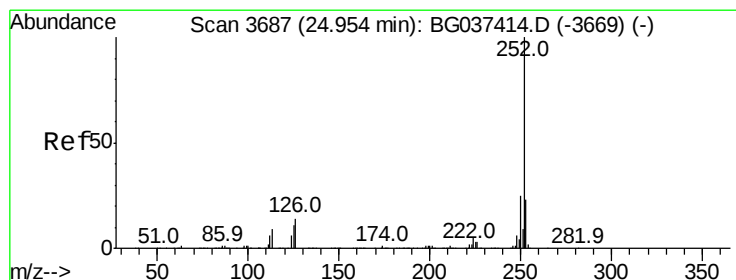
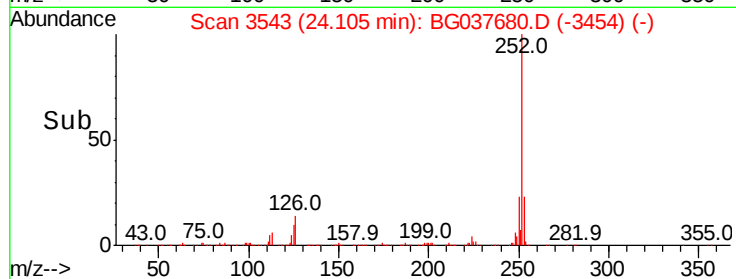
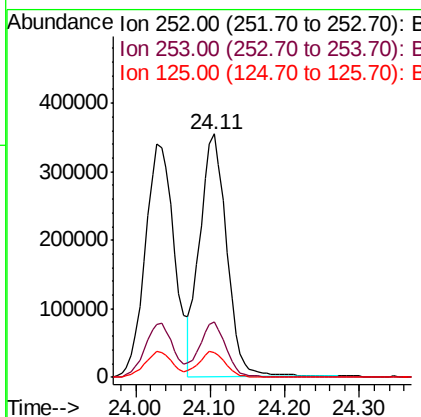
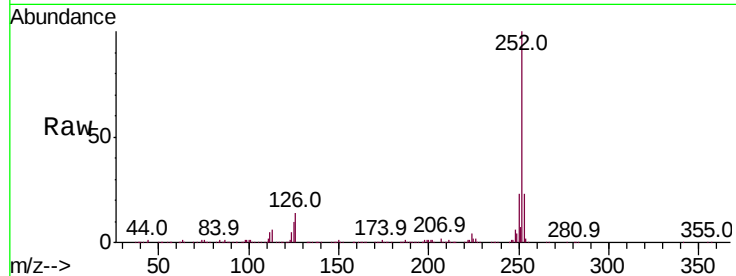
#89
Benzo(k)fluoranthene
Concen: 45.735 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.2	7.4	11.0

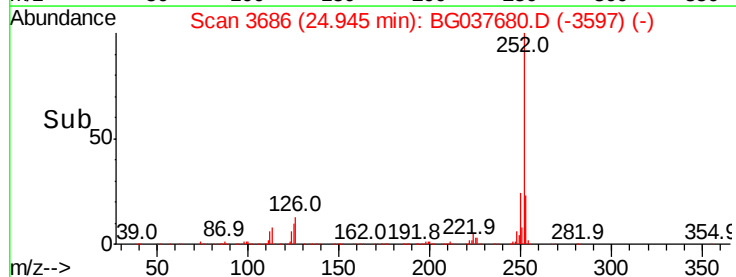
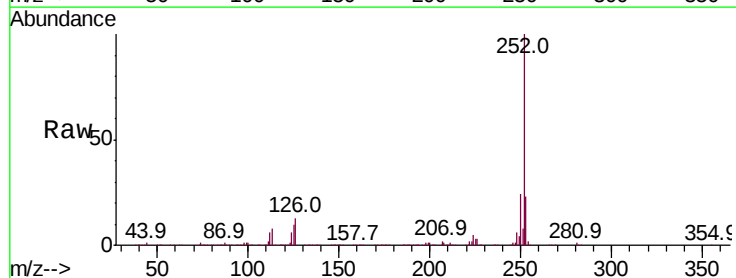
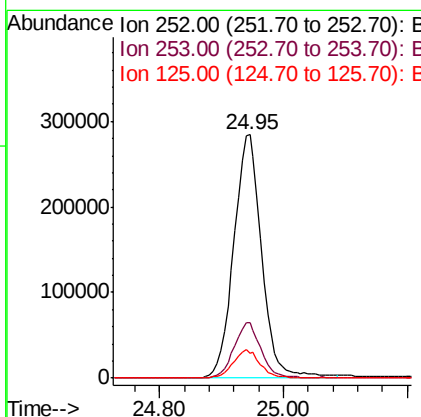
Manual Integrations
APPROVED

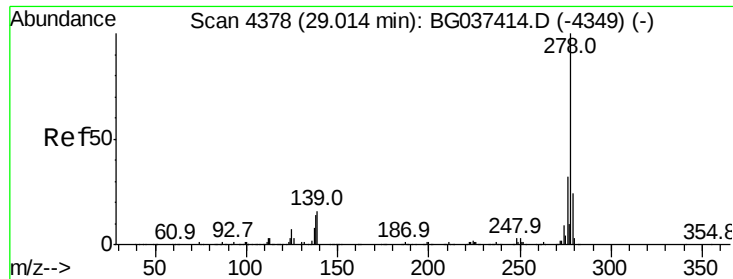
Sohil
10/31/2018 11:54:24 AM



#90
Benzo(a)pyrene
Concen: 47.347 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.3	9.0	13.6





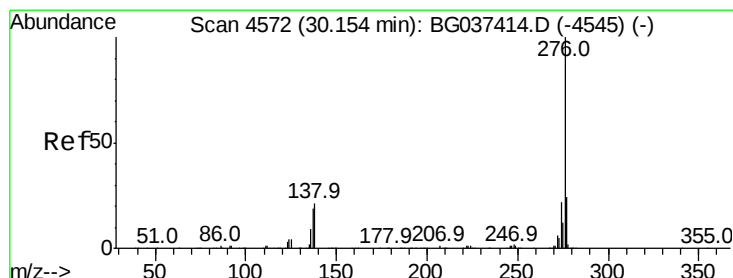
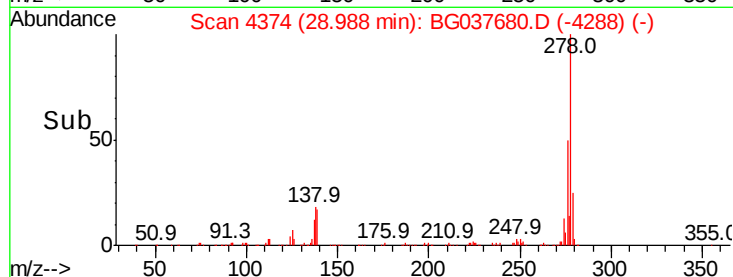
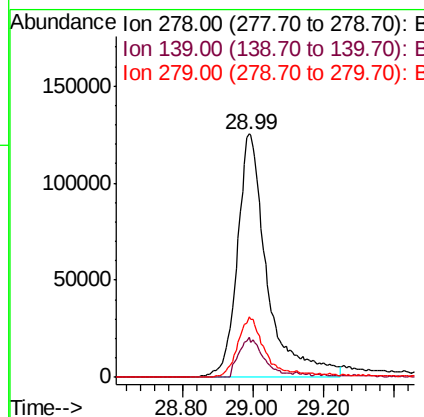
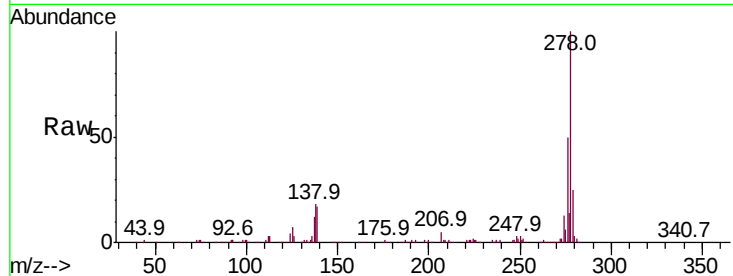
#91
Dibenzo(a,h)anthracene
Concen: 42.271 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.03 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Instrument :
BNA_G
ClientSampleId :
PB114248BS

Tot Ion:	278	Resp:	734474
Ion Ratio	Lower	Upper	
278	100		
139	16.6	11.5	17.3
279	24.8	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:24 AM



#92
Benzo(g,h,i)perylene
Concen: 43.122 ng
RT: 30.13 min Scan# 4569
Delta R.T. -0.02 min
Lab File: BG037680.D
Acq: 31 Oct 2018 8:59

Tgt Ion:	276	Resp:	758028
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	22.8	17.2	25.8

