

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037792.D
 Acq On : 3 Nov 2018 15:36
 Operator : JU/SJ
 Sample : PB114440BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Manual Integrations
 APPROVED

Sohil
 11/5/2018 9:49:50 AM

Quant Time: Nov 05 05:29:22 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	58975	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	262430	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175305	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	390485	20.00	ng	0.00
76) Chrysene-d12	21.77	240	353894	20.00	ng	0.00
87) Perylene-d12	25.09	264	360191	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	319769	90.65	ng	0.00
7) Phenol-d6	7.24	99	456844	85.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	267066	57.01	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	160101	83.73	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	669546	57.59	ng	-0.01
79) Terphenyl-d14	20.07	244	960719	58.01	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	34329	19.190	ng	95
3) Pyridine	3.93	79	104371	23.148	ng	93
4) n-Nitrosodimethylamine	3.85	42	46026	28.659	ng	98
6) Aniline	7.42	93	60647	9.320	ng	94
8) 2-Chlorophenol	7.65	128	125735	30.469	ng	96
9) Benzaldehyde	7.24	77	82279	24.659	ng	92
10) Phenol	7.27	94	162114	28.805	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	112366	26.288	ng	97
12) 1,3-Dichlorobenzene	7.98	146	127254	27.699	ng	98
13) 1,4-Dichlorobenzene	8.13	146	128274	27.296	ng	99
14) 1,2-Dichlorobenzene	8.45	146	123244	27.263	ng	97
15) Benzyl Alcohol	8.33	79	107561	27.291	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	206369	26.982	ng	98
17) 2-Methylphenol	8.53	107	112773	30.309	ng	99
18) Hexachloroethane	9.18	117	46991	29.331	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	91738	24.976	ng	97
20) 3+4-Methylphenols	8.86	107	154593	29.060	ng	99
22) Acetophenone	8.93	105	179590	27.287	ng	# 99
24) Nitrobenzene	9.32	77	140303	28.829	ng	96
25) Isophorone	9.83	82	261816	30.587	ng	97
26) 2-Nitrophenol	10.03	139	67574	30.822	ng	97
27) 2,4-Dimethylphenol	10.07	122	130709	33.391	ng	96
28) bis(2-Chloroethoxy)methane	10.31	93	166274	29.649	ng	96
29) 2,4-Dichlorophenol	10.56	162	135723	31.141	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	135451	28.578	ng	98
31) Naphthalene	10.97	128	394865	30.634	ng	98
32) Benzoic acid	10.15	122	34776m	13.678	ng	
33) 4-Chloroaniline	11.08	127	53678	8.863	ng	93
34) Hexachlorobutadiene	11.23	225	80394	28.619	ng	97
35) Caprolactam	11.85	113	46534	26.621	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	144650	29.429	ng	97
37) 2-Methylnaphthalene	12.57	142	302805	32.226	ng	99
38) 1-Methylnaphthalene	12.78	142	287948	31.556	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	158688	28.064	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	187082	69.263	ng	97
43) 2,4,6-Trichlorophenol	13.16	196	111641	29.553	ng	96
44) 2,4,5-Trichlorophenol	13.23	196	122493	29.782	ng	98
46) 1,1'-Biphenyl	13.56	154	393483	27.103	ng	98
47) 2-Chloronaphthalene	13.61	162	312488	28.450	ng	99
48) 2-Nitroaniline	13.82	65	98041	29.434	ng	93
49) Acenaphthylene	14.46	152	512703	31.031	ng	99
50) Dimethylphthalate	14.18	163	392060	28.909	ng	99
51) 2,6-Dinitrotoluene	14.31	165	88564	29.520	ng	92
52) Acenaphthene	14.80	154	294639	28.955	ng	99
53) 3-Nitroaniline	14.65	138	57650	17.309	ng	# 90
54) 2,4-Dinitrophenol	14.84	184	15261	23.902	ng	99
55) Dibenzofuran	15.13	168	484576	28.742	ng	99
56) 4-Nitrophenol	14.93	139	159495	64.696	ng	100
57) 2,4-Dinitrotoluene	15.09	165	123400	31.334	ng	94
58) Fluorene	15.78	166	389905	30.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	100047	28.410	ng	98
60) Diethylphthalate	15.53	149	399919	28.723	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	203477	27.651	ng	97
62) 4-Nitroaniline	15.80	138	88795	26.830	ng	93
63) Azobenzene	16.06	77	374804	28.214	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	26453	19.129	ng	97
66) n-Nitrosodiphenylamine	15.98	169	346361	29.488	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	125909	29.362	ng	97
68) Hexachlorobenzene	16.77	284	127434	28.674	ng	93
69) Atrazine	16.92	200	127128	29.935	ng	100
70) Pentachlorophenol	17.12	266	102266	34.353	ng	92
71) Phenanthrene	17.52	178	618472	31.164	ng	99
72) Anthracene	17.61	178	634592	32.584	ng	99
73) Carbazole	17.88	167	558269	28.656	ng	99
74) Di-n-butylphthalate	18.42	149	665720	30.719	ng	99
75) Fluoranthene	19.53	202	710796	31.579	ng	99
77) Benzidine	19.71	184	144801	12.033	ng	99
78) Pyrene	19.89	202	720163	31.129	ng	99
80) Butylbenzylphthalate	20.76	149	297513	31.423	ng	94
81) Benzo(a)anthracene	21.74	228	669845	32.000	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	120525	14.855	ng	98
83) Chrysene	21.81	228	627986	31.199	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	420947	31.718	ng	100
85) Di-n-octyl phthalate	22.86	149	712781	32.936	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	554192	25.671	ng	98
88) Benzo(b)fluoranthene	24.03	252	632268	32.018	ng	99
89) Benzo(k)fluoranthene	24.10	252	632527	32.694	ng	99
90) Benzo(a)pyrene	24.94	252	601283	32.044	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	446075	25.772	ng	98
92) Benzo(g,h,i)perylene	30.11	276	445099	25.418	ng	99

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

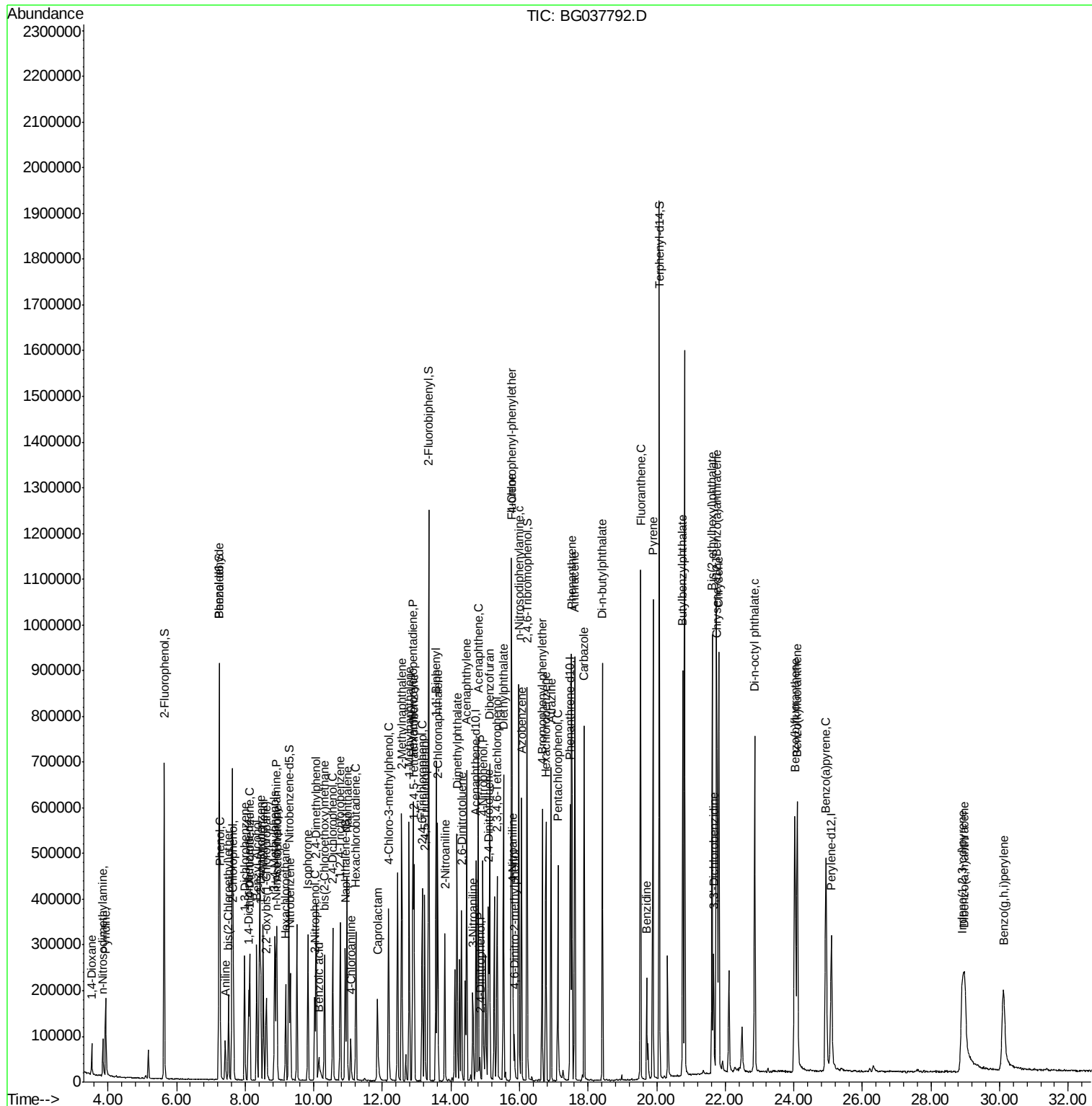
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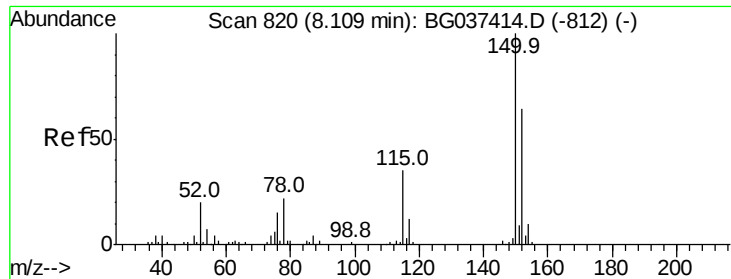
Instrument :
BNA_G
ClientSampled :
PB114440BS

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#1

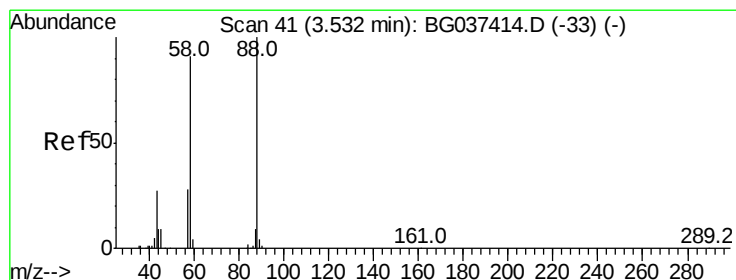
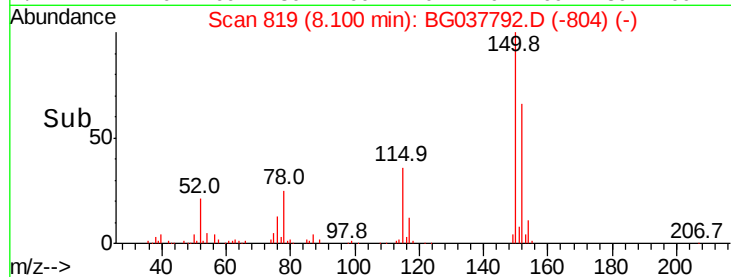
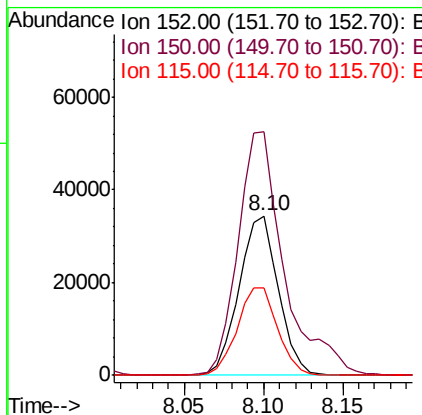
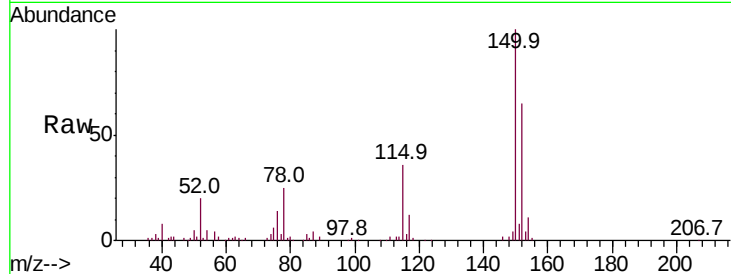
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.0	189.0
115	54.8	45.5	68.3

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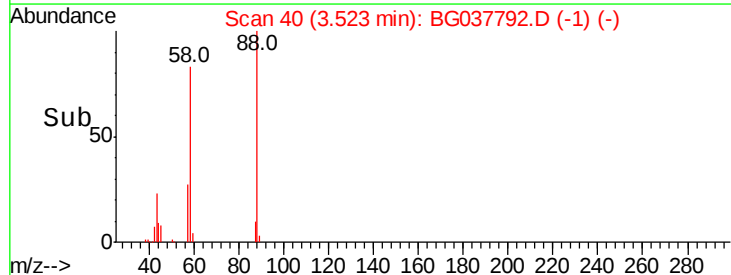
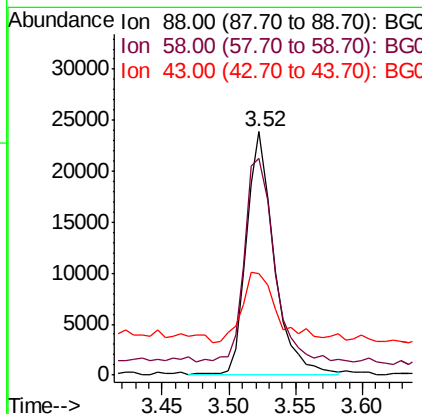
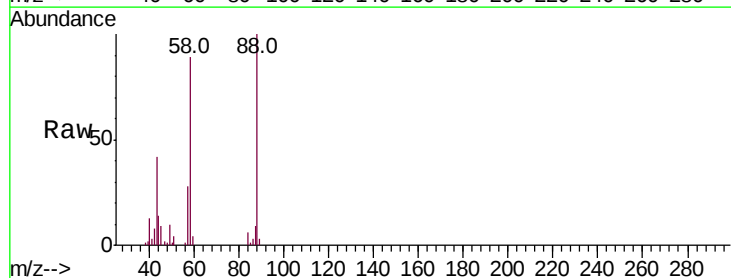
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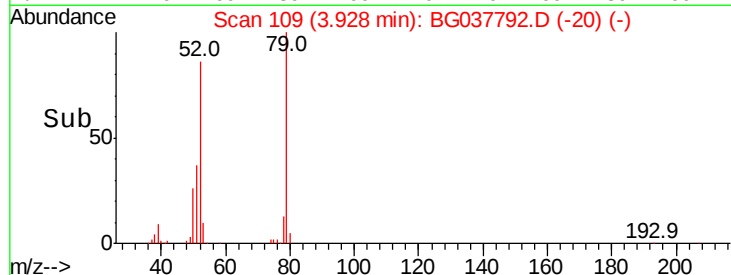
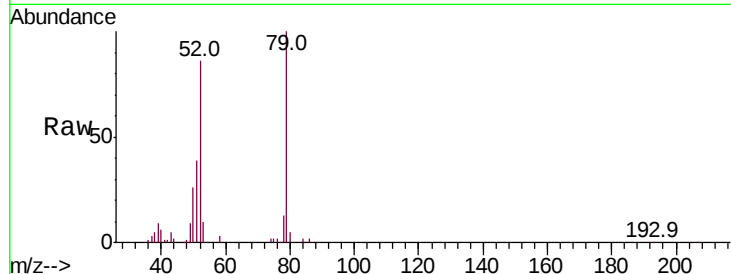
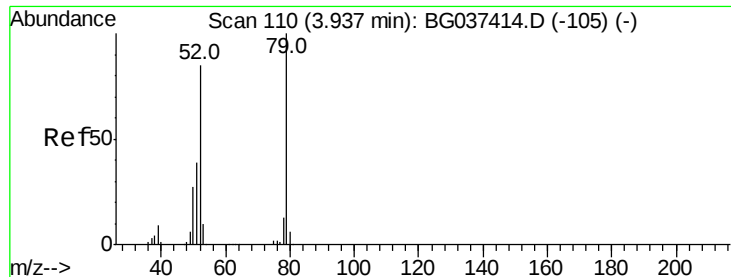


#2

1,4-Dioxane
Concen: 19.190 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	74.4	111.6
43	36.8	25.8	38.8





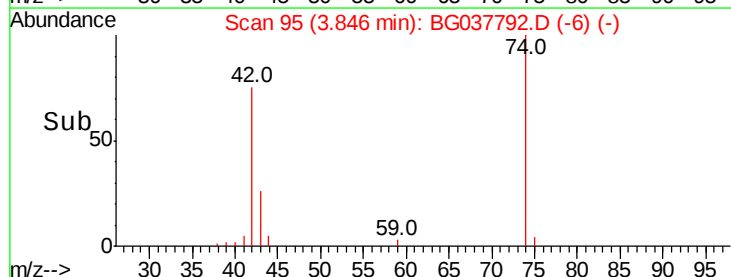
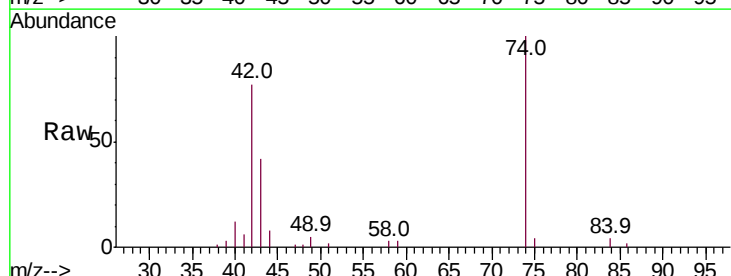
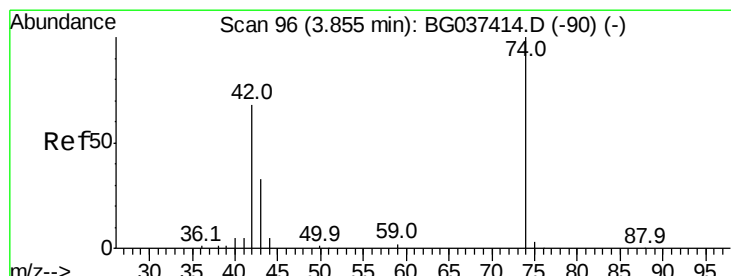
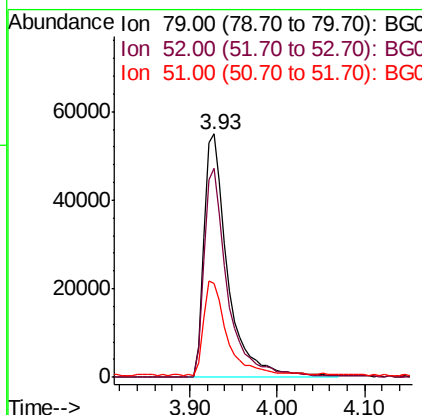
#3
Pvridine
Concen: 23.148 ng
RT: 3.93 min Scan# 109
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.7	74.2	111.2
51	38.8	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
PB114440BS

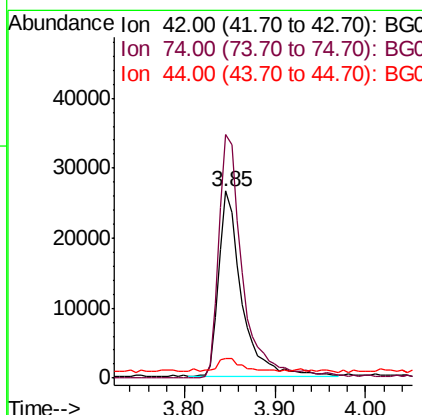
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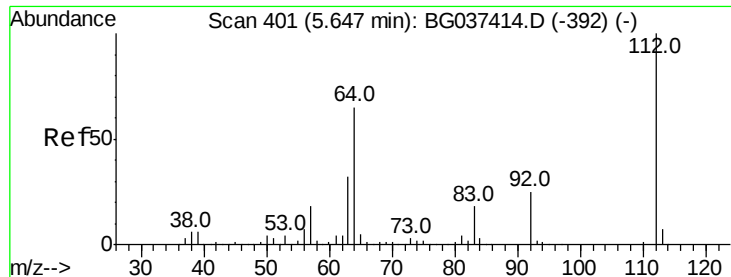
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#4
n-Nitrosodimethylamine
Concen: 28.659 ng
RT: 3.85 min Scan# 95
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.0	102.0	153.0
44	10.4	9.6	14.4





#5

2-Fluorophenol

Concen: 90.650 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

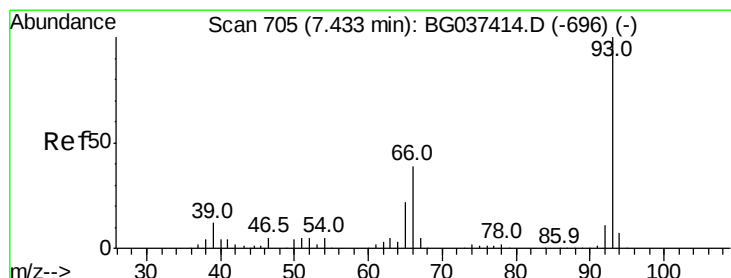
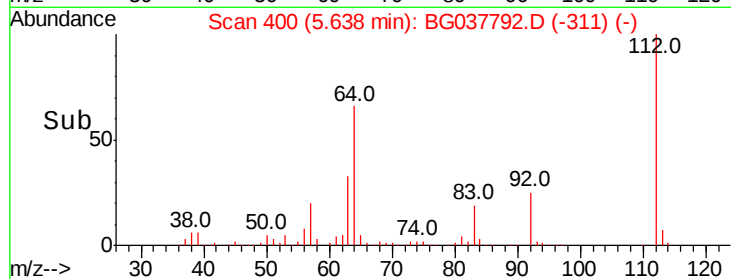
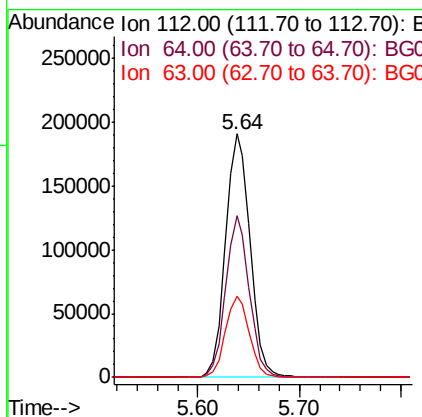
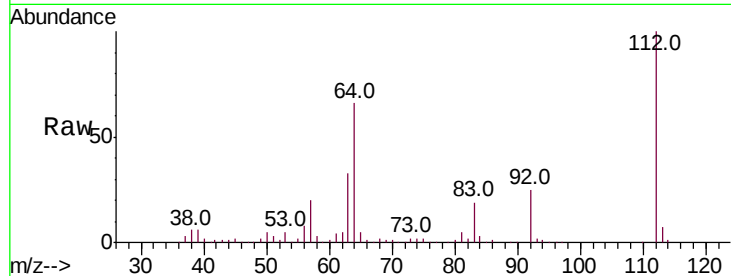
ClientSampleID :

PB114440BS

Tot Ion:	112	Resp:	319769
Ion Ratio	Lower	Upper	
112	100		
64	66.3	53.1	79.7
63	33.4	27.3	40.9

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#6

Aniline

Concen: 9.320 ng

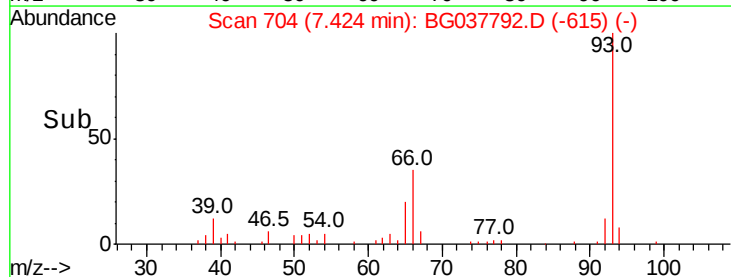
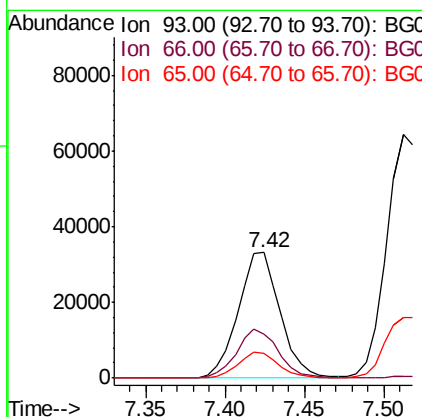
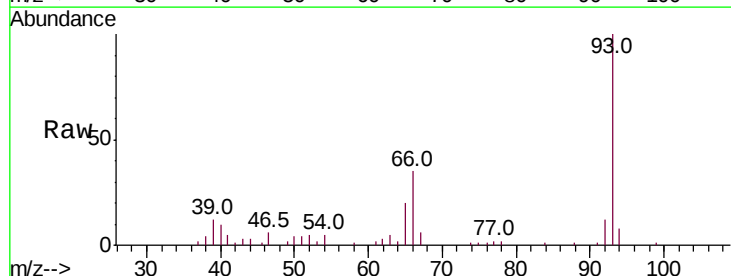
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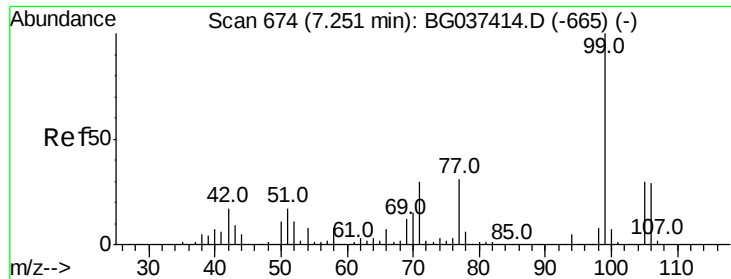
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	93	Resp:	60647
Ion Ratio	Lower	Upper	
93	100		
66	35.2	32.8	49.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 85.647 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

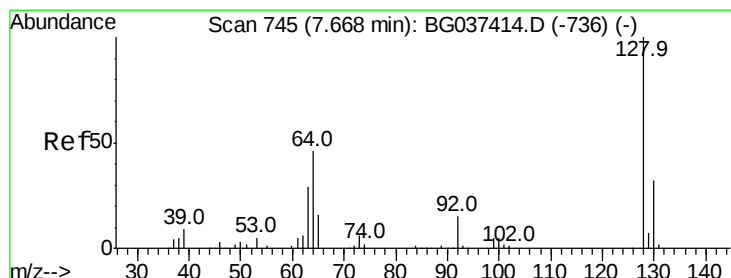
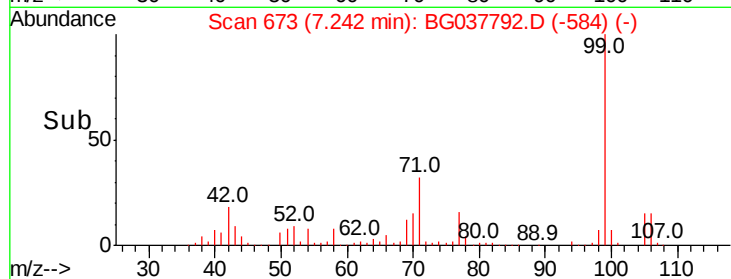
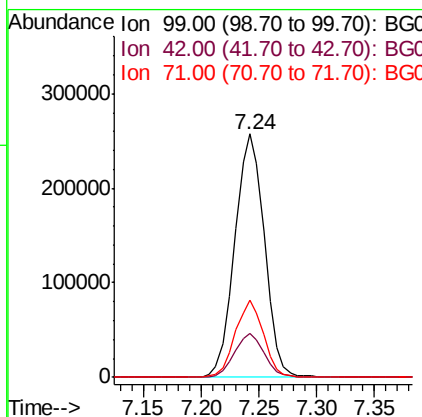
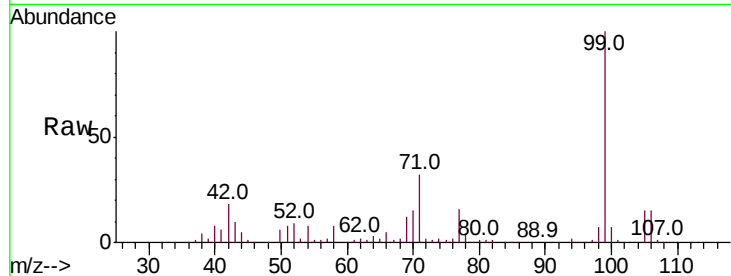
ClientSampleId :

PB114440BS

Tot Ion:	99	Resp:	456844
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.0	22.4
71	31.9	25.5	38.3

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#8

2-Chlorophenol

Concen: 30.469 ng

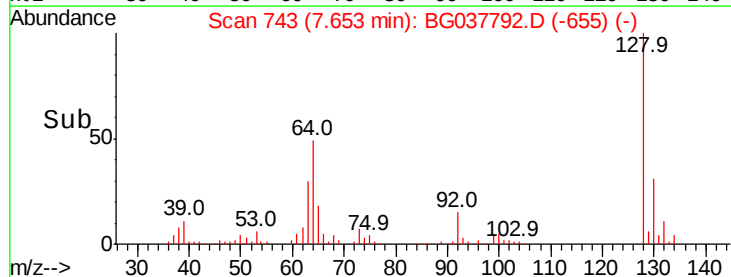
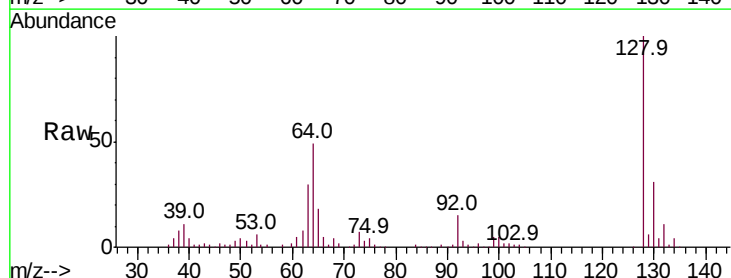
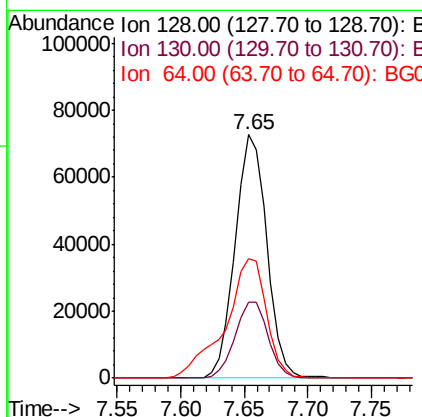
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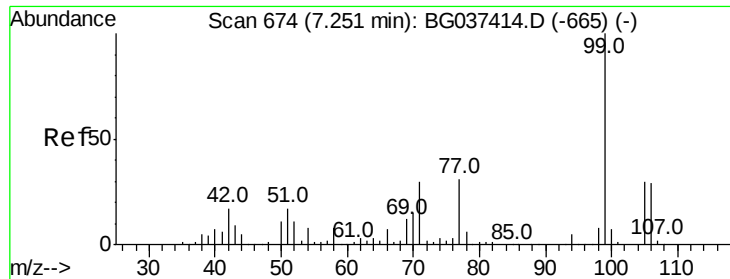
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	128	Resp:	125735
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.0	52.0
64	49.2	32.9	72.9





#9

Benzaldehyde

Concen: 24.659 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

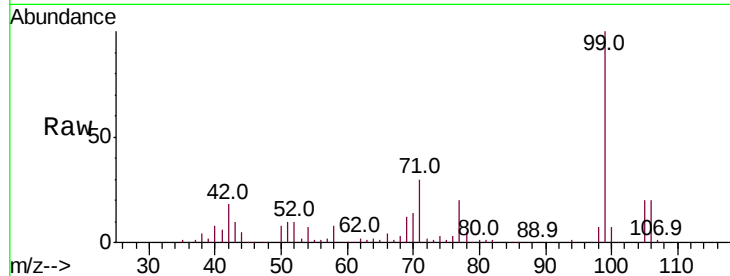
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PB114440BS

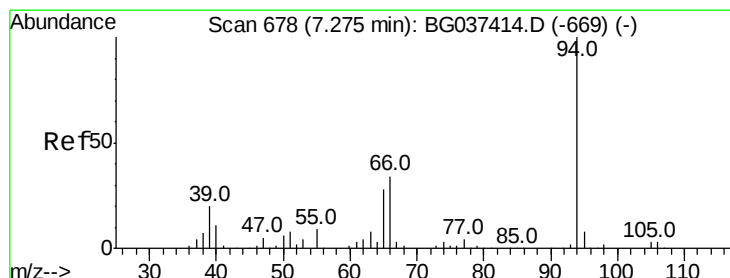
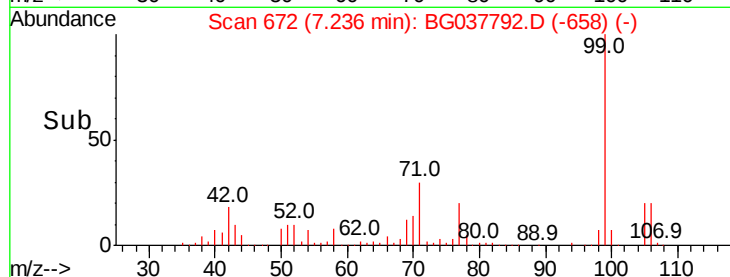
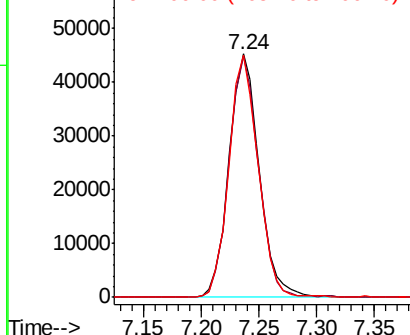
Tot Ion:	77	Resp:	82279
Ion	Ratio	Lower	Upper
77	100		
105	99.1	72.6	112.6
106	99.4	71.3	111.3

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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: 28.805 ng

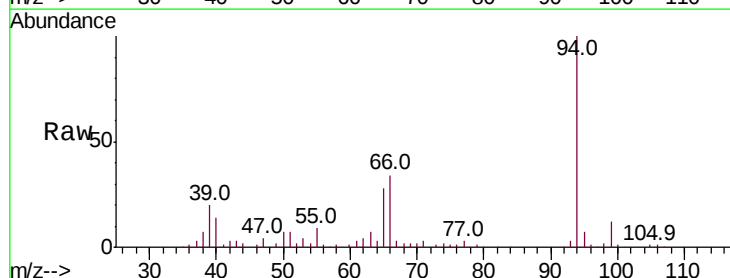
RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

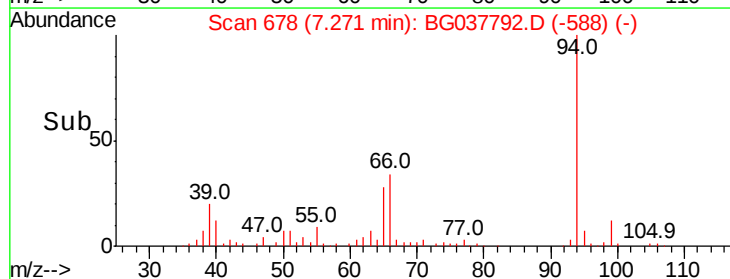
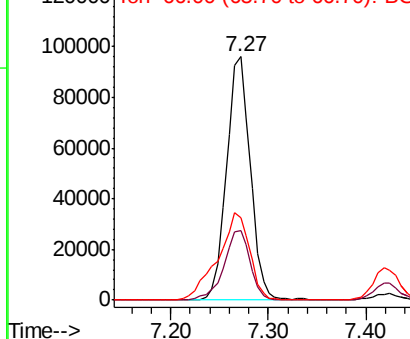
Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	94	Resp:	162114
Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.7	49.7
66	33.8	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





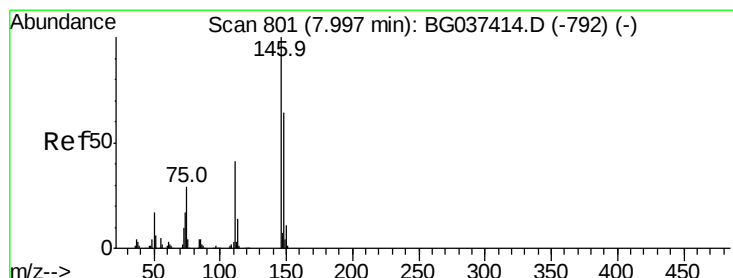
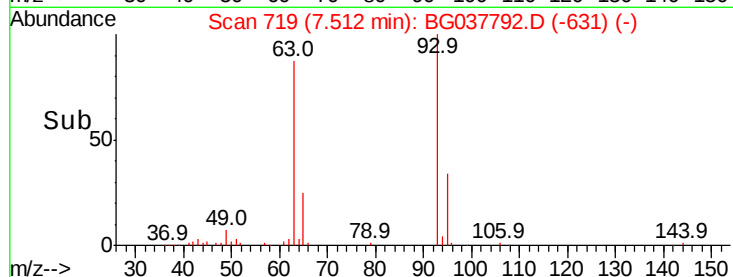
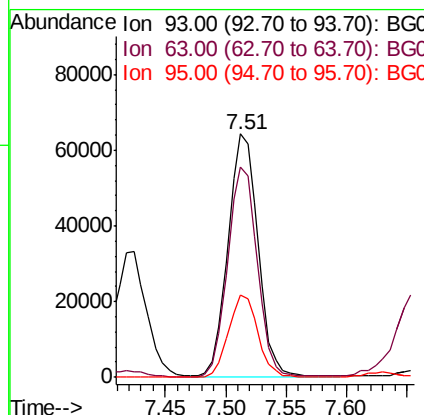
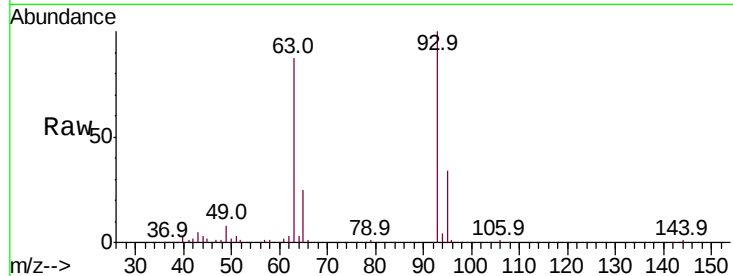
#11
bis(2-Chloroethyl)ether
Concen: 26.288 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	69.5	109.5
95	33.7	12.6	52.6

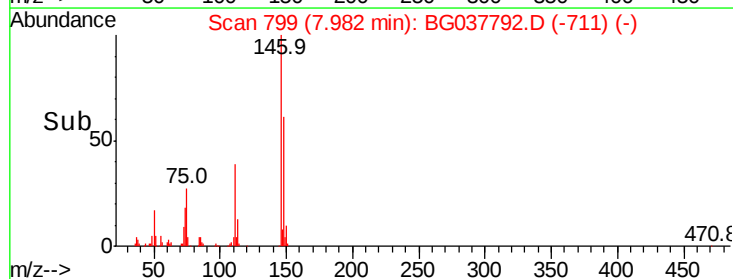
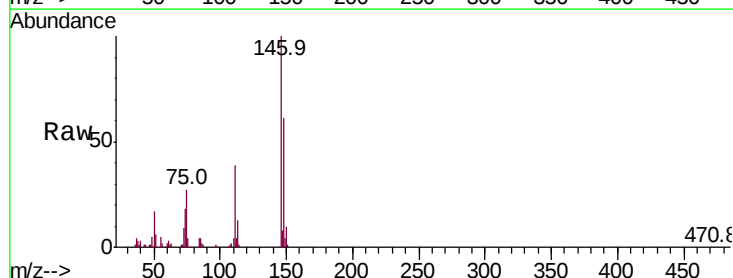
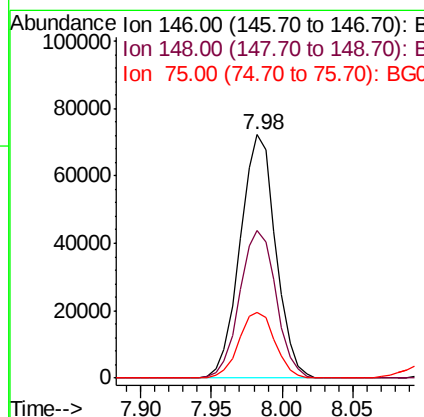
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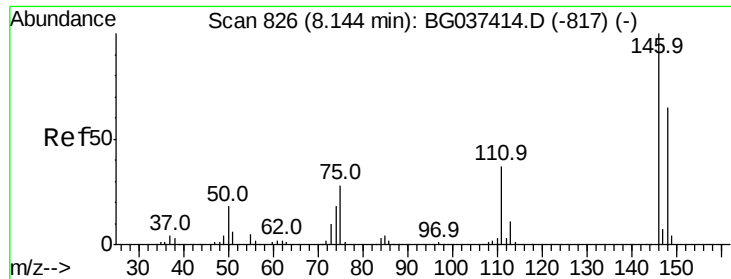
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#12
1,3-Dichlorobenzene
Concen: 27.699 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	49.8	74.8
75	27.2	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 27.296 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

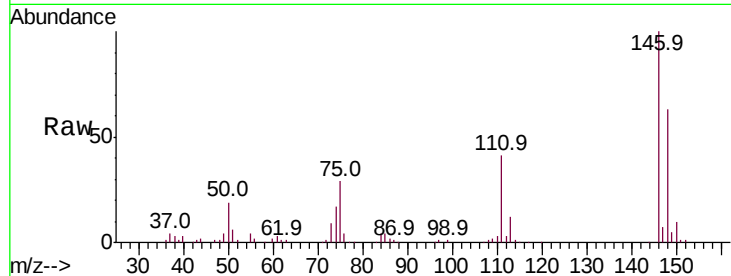
ClientSampleID :

PB114440BS

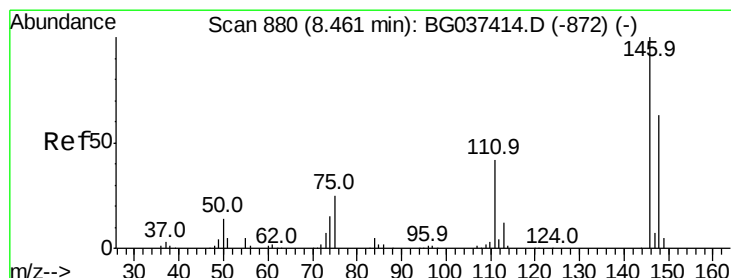
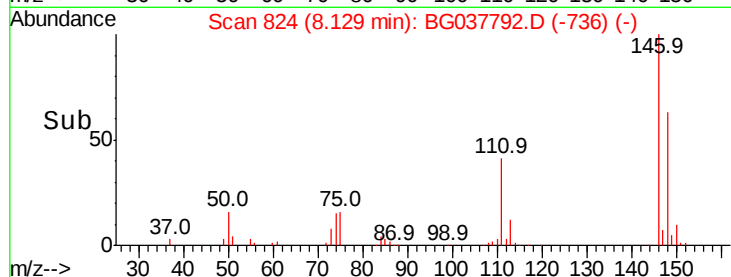
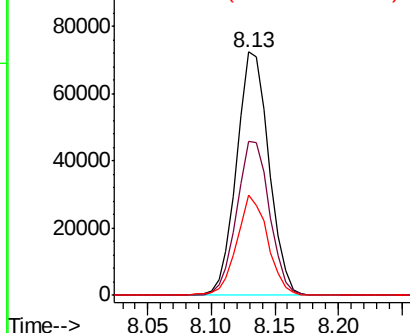
Tot Ion:	146	Resp:	128274
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.0	76.6
111	41.3	32.4	48.6

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



#14

1,2-Dichlorobenzene

Concen: 27.263 ng

RT: 8.45 min Scan# 879

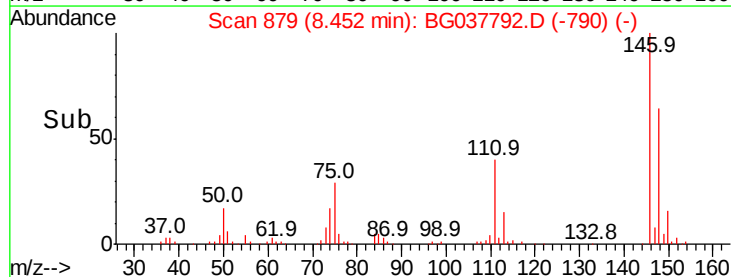
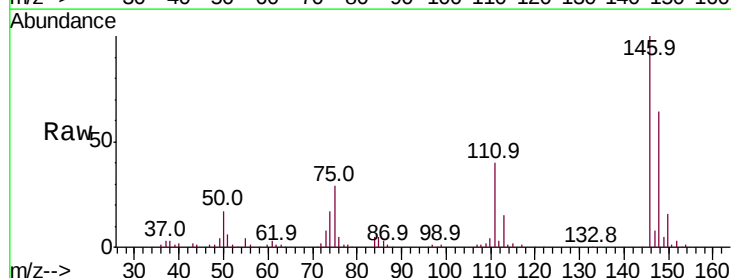
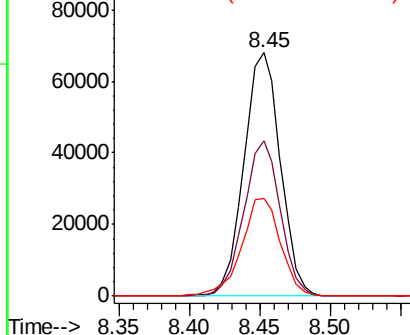
Delta R.T. -0.01 min

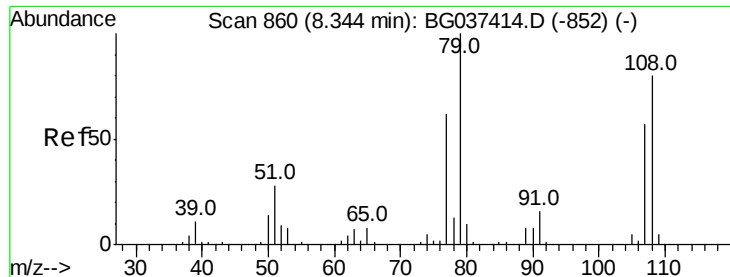
Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	146	Resp:	123244
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	40.0	34.6	51.8

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





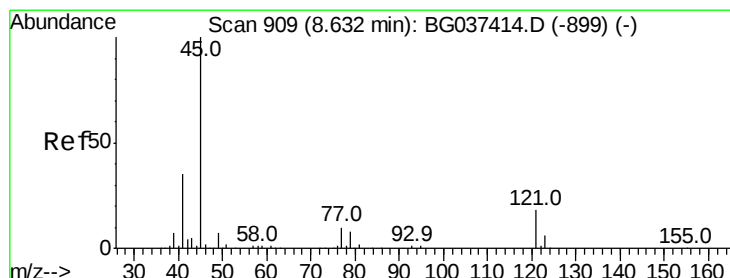
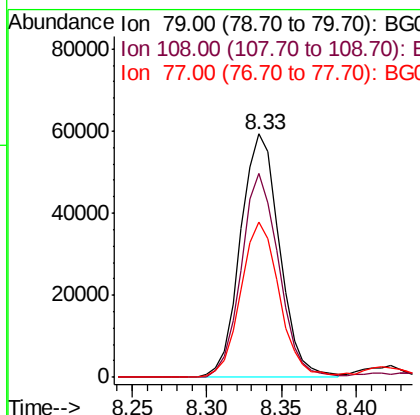
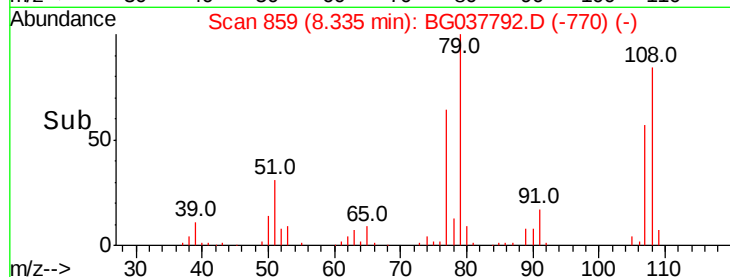
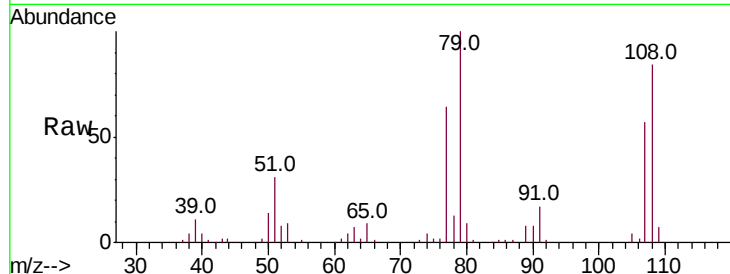
#15
Benzyl Alcohol
Concen: 27.291 ng
RT: 8.33 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.8	98.8
77	63.8	52.9	79.3

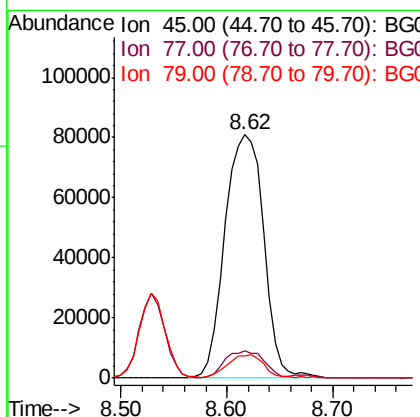
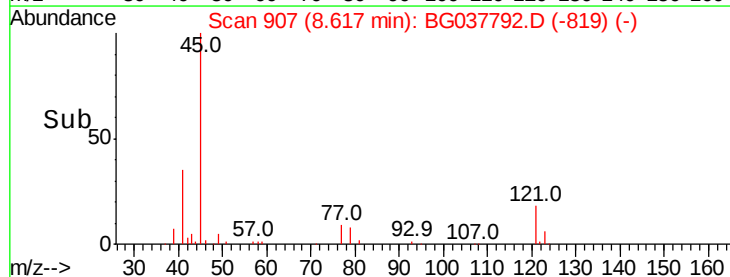
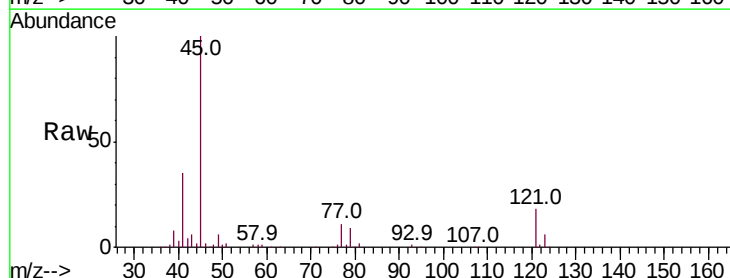
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#16
2,2'-oxybis(1-chloropropane)
Concen: 26.982 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.0
79	8.9	0.0	29.0





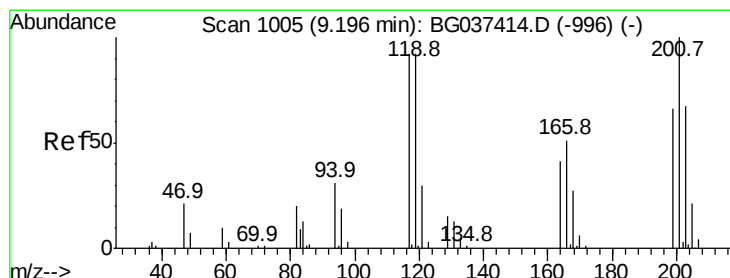
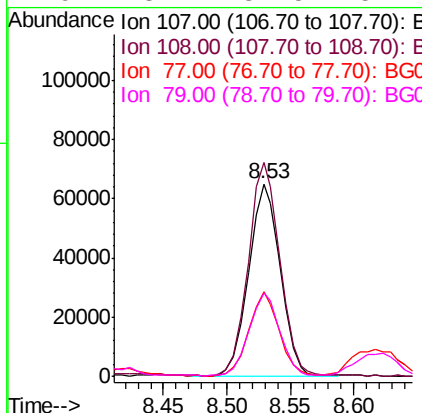
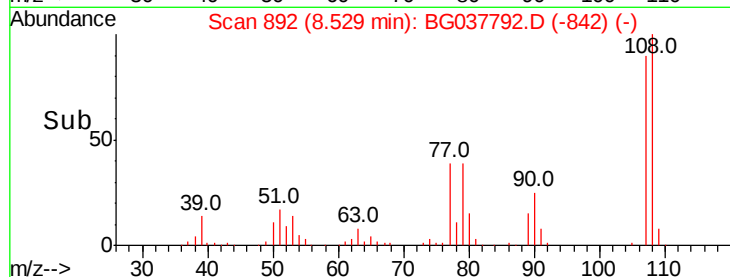
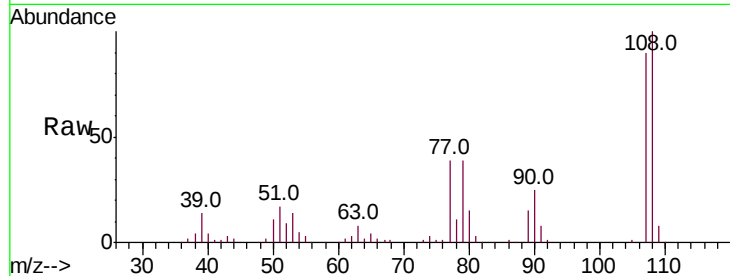
#17
2-Methylphenol
Concen: 30.309 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampled :
PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	87.9	131.9	
77	43.6	35.1	52.7	
79	43.2	34.5	51.7	

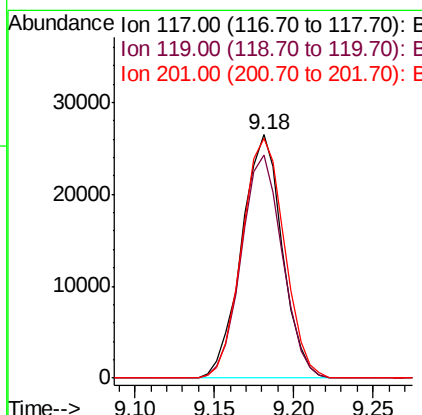
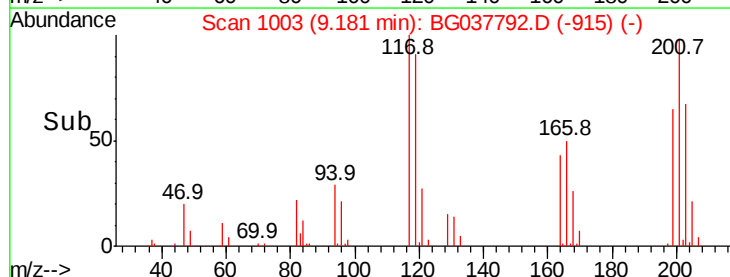
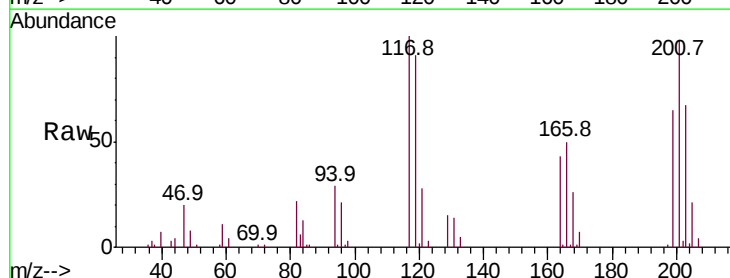
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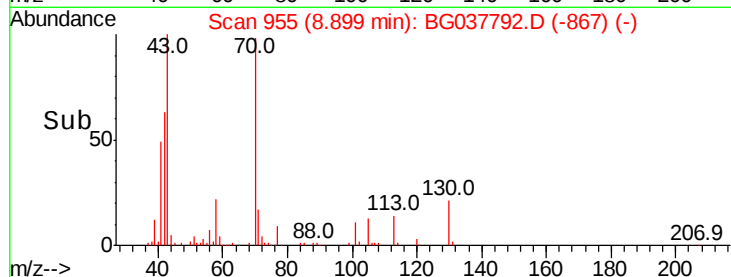
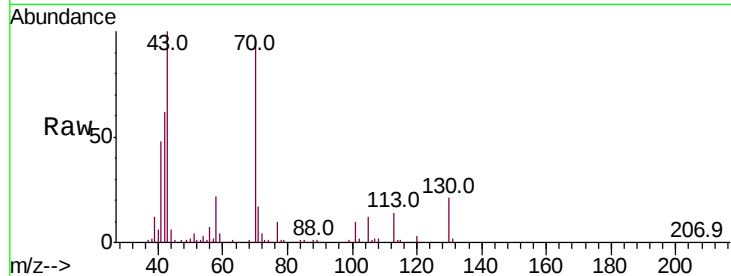
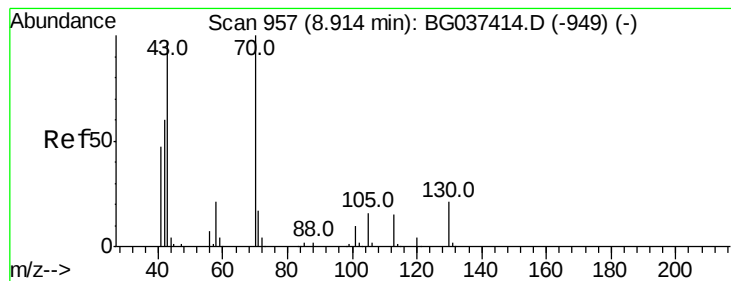
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#18
Hexachloroethane
Concen: 29.331 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.5	74.6	111.8	
201	98.2	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 24.976 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

Tot Ion: 70 Resp: 91738

Ion Ratio Lower Upper

70 100

42 64.7 53.9 80.9

101 10.8 8.2 12.2

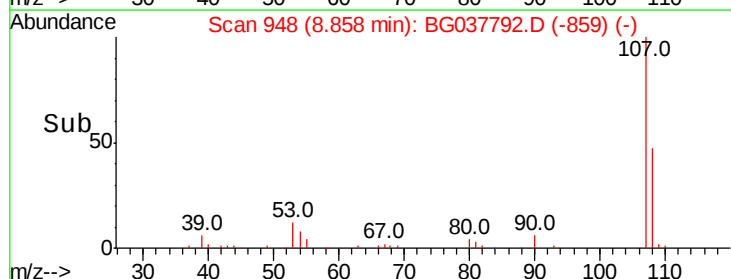
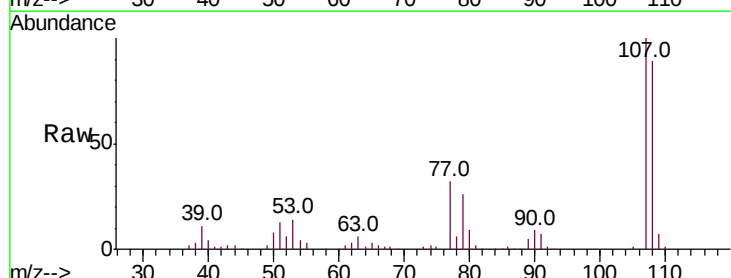
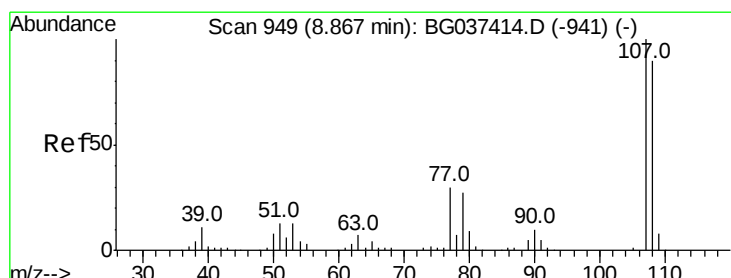
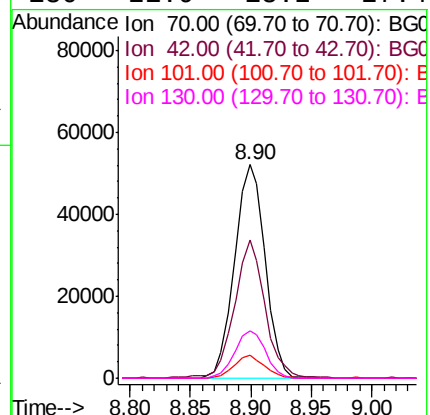
130 21.9 18.2 27.4

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#20

3+4-Methylphenols

Concen: 29.060 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion: 107 Resp: 154593

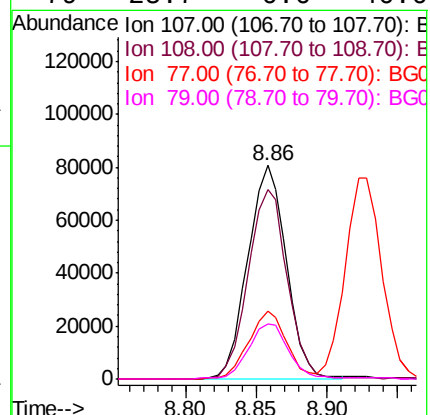
Ion Ratio Lower Upper

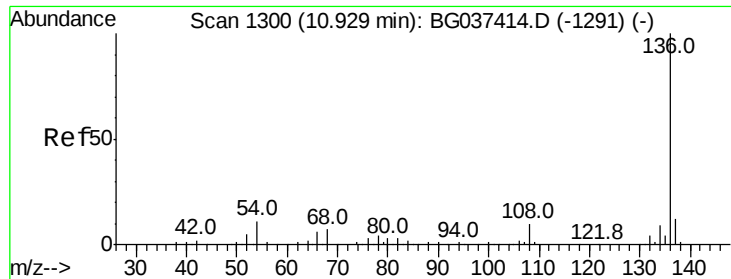
107 100

108 88.7 69.9 109.9

77 31.6 11.2 51.2

79 25.7 6.6 46.6





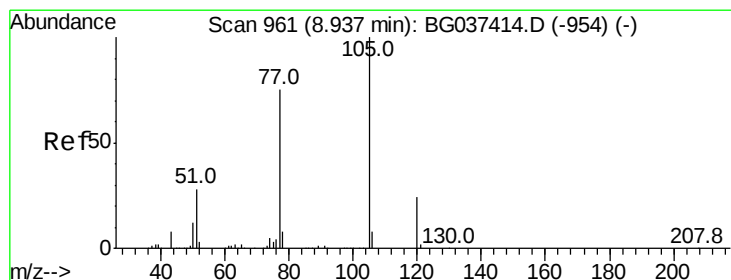
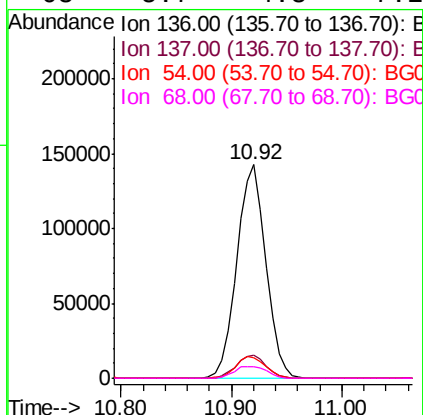
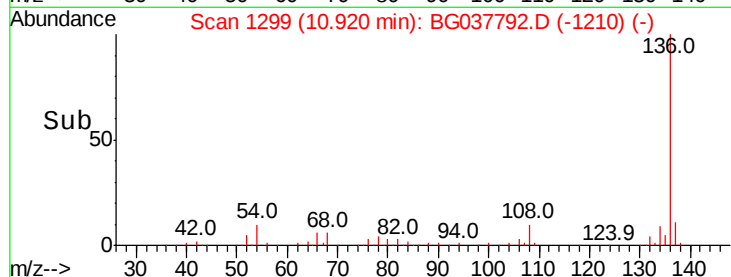
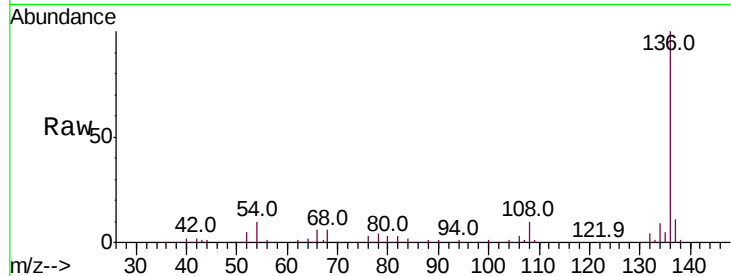
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	262430		
137	10.6		9.6	14.4
54	9.6		7.9	11.9
68	5.7		4.8	7.2

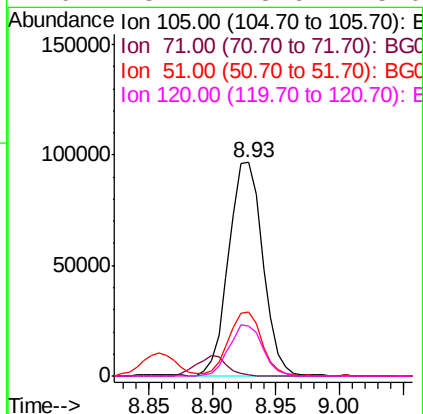
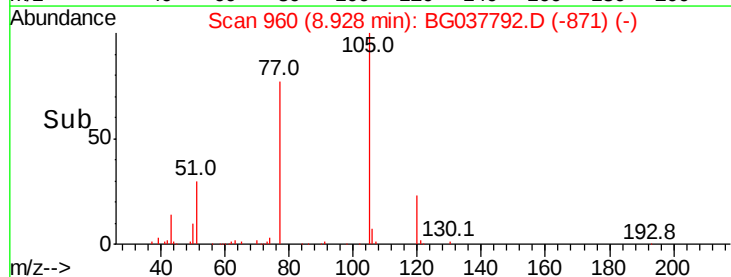
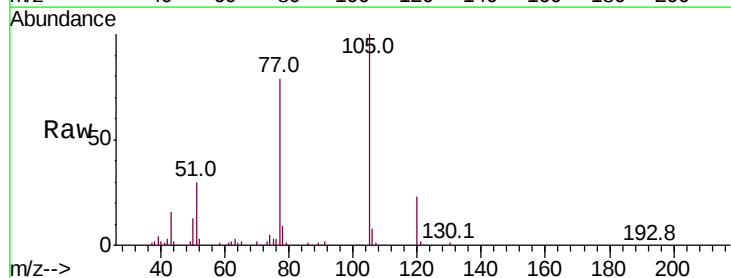
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#22
Acetophenone
Concen: 27.287 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	179590		
71	0.3		1.2	1.8#
51	30.2		25.0	37.6
120	23.2		18.6	28.0





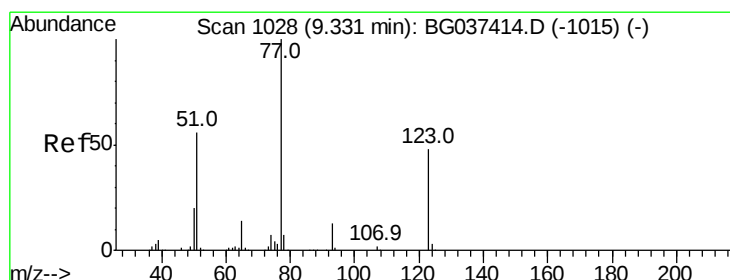
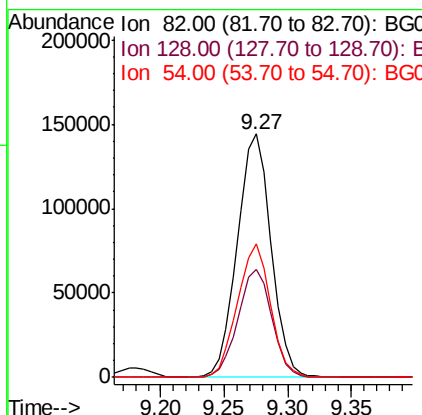
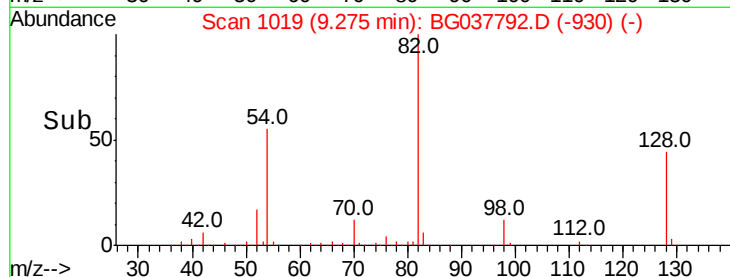
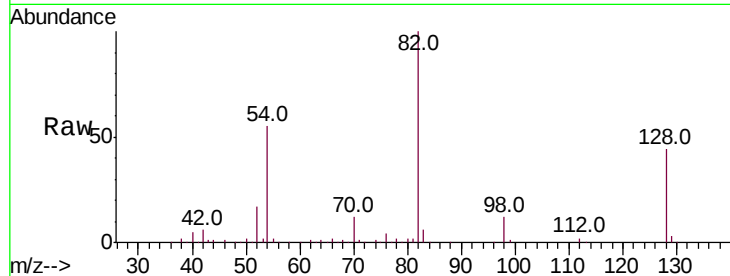
#23
Nitrobenzene-d5
Concen: 57.009 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	54.9	45.3	67.9

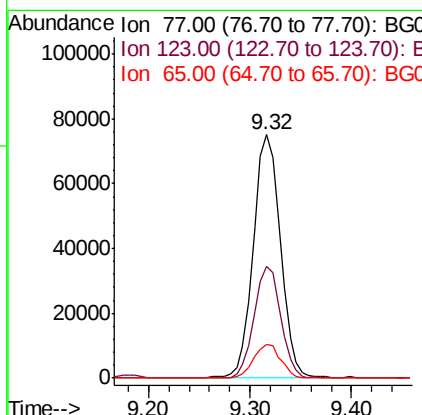
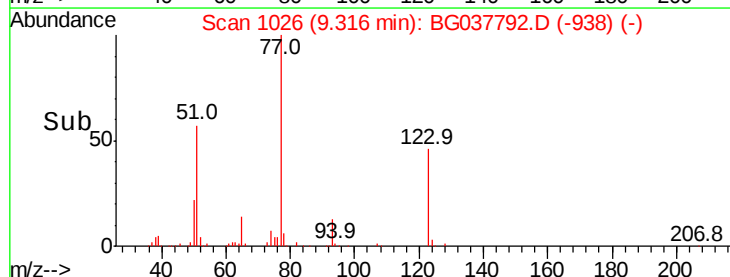
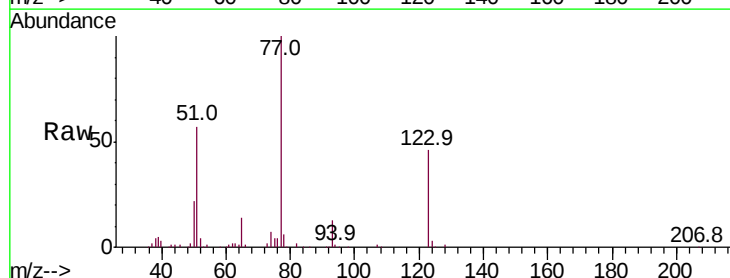
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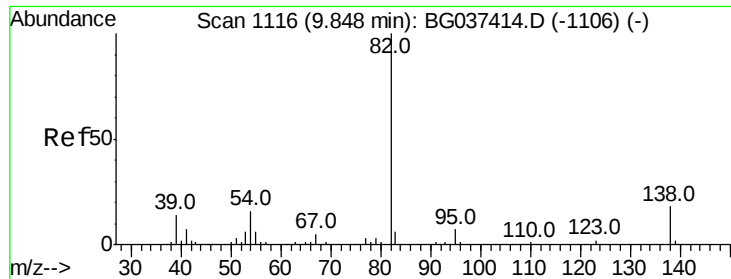
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#24
Nitrobenzene
Concen: 28.829 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.6	50.4
65	14.0	11.3	16.9





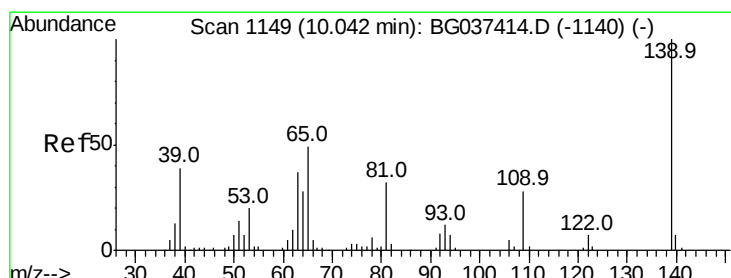
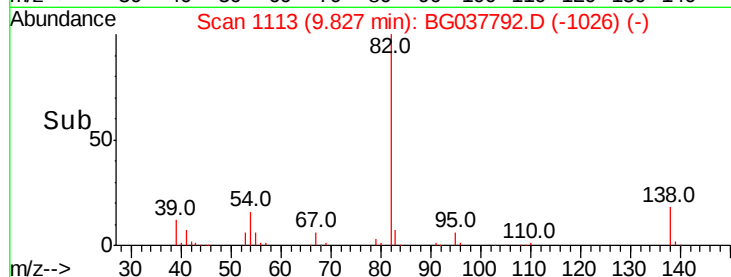
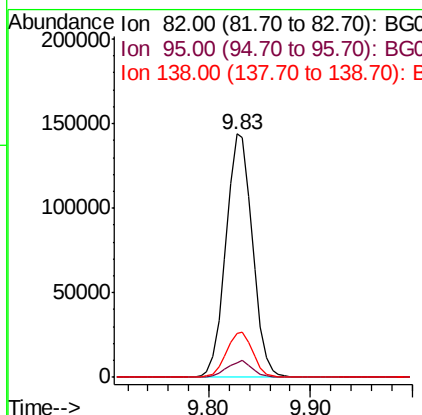
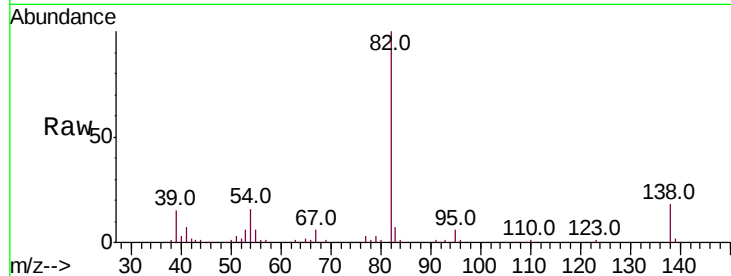
#25
Isophorone
Concen: 30.587 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.2	5.3	7.9	
138	18.2	13.3	19.9	

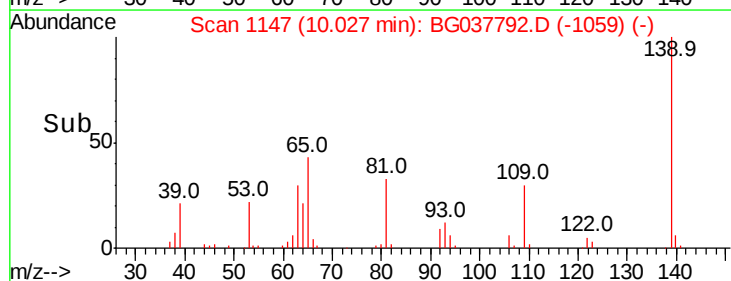
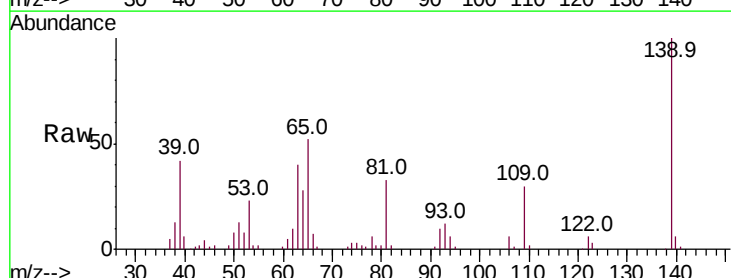
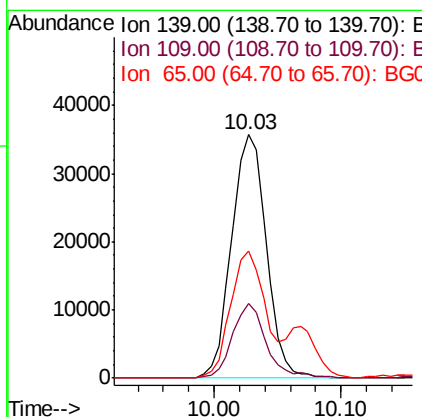
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#26
2-Nitrophenol
Concen: 30.822 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.5	23.3	34.9	
65	52.2	39.8	59.8	





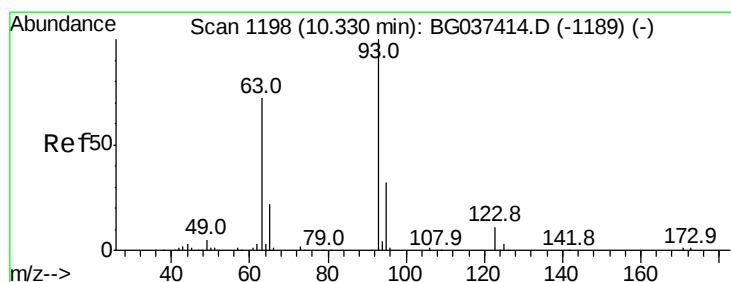
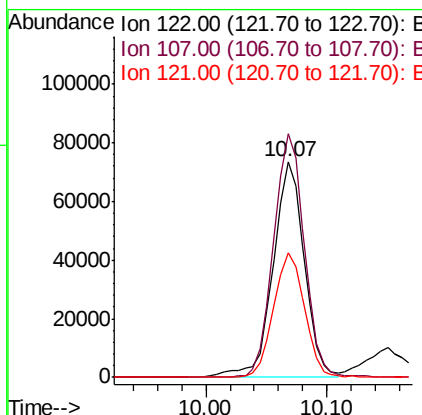
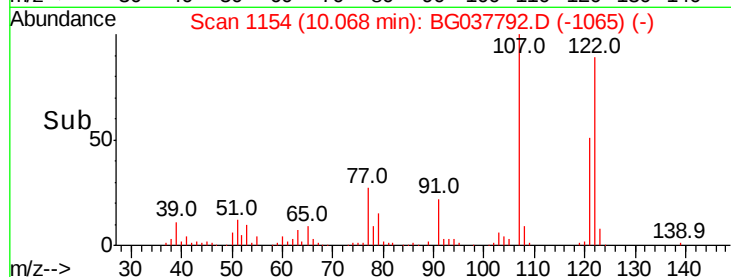
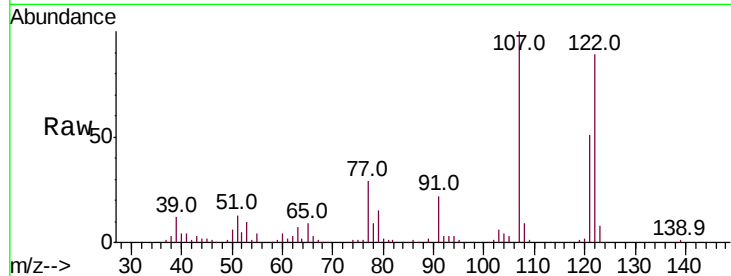
#27
2,4-Dimethylphenol
Concen: 33.391 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampled :
PB114440BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	94.2	141.2
121	57.4	47.3	70.9

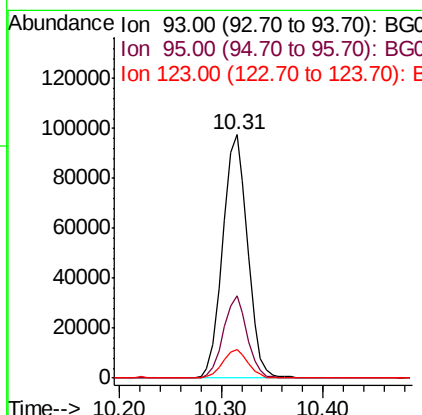
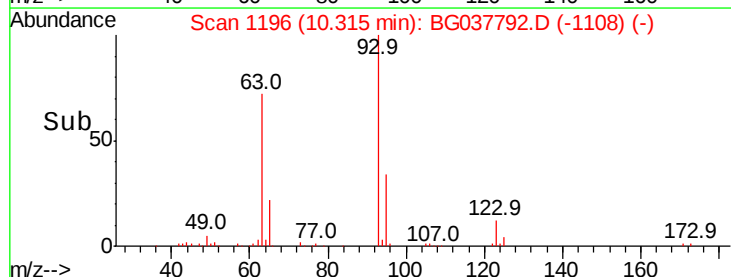
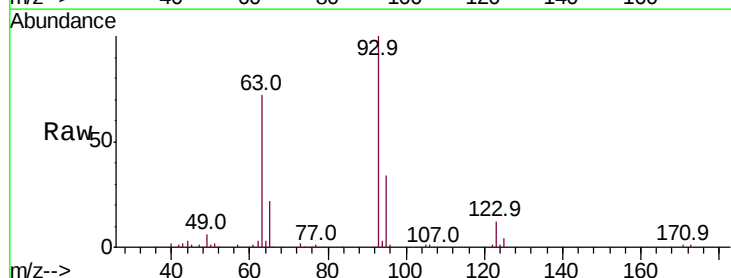
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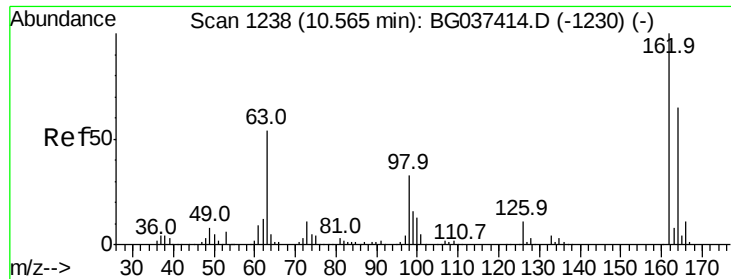
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 29.649 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.6	37.0
123	11.5	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 31.141 ng

RT: 10.56 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

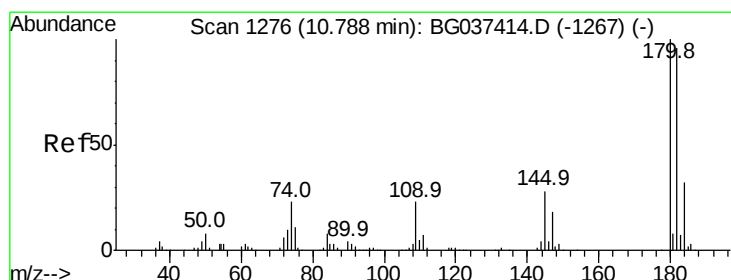
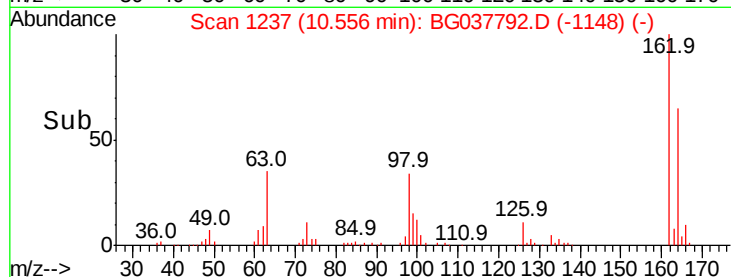
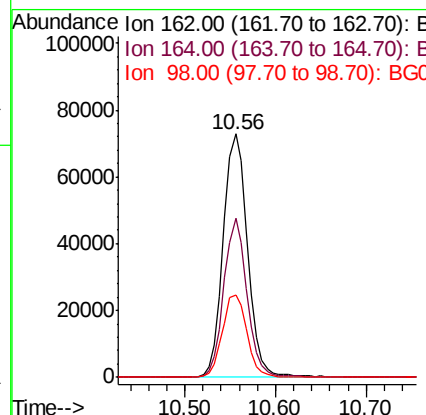
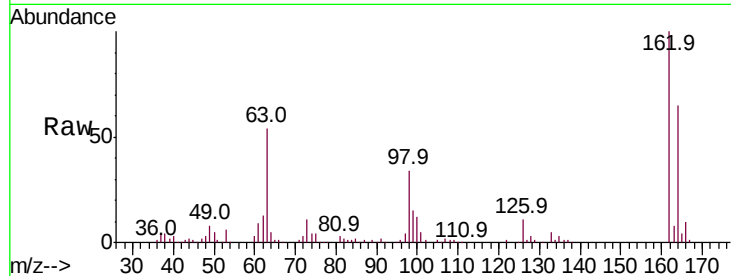
ClientSampled :

PB114440BS

Tot Ion:	162	Resp:	135723
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.2	83.2
98	33.9	16.0	56.0

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#30

1,2,4-Trichlorobenzene

Concen: 28.578 ng

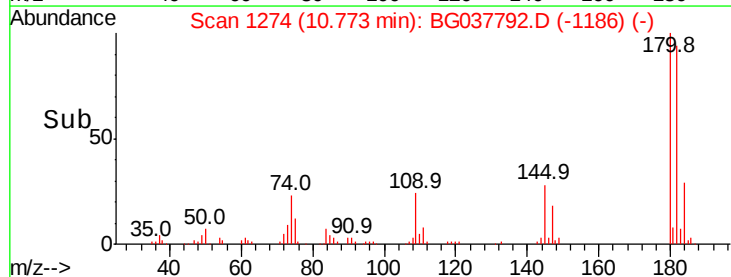
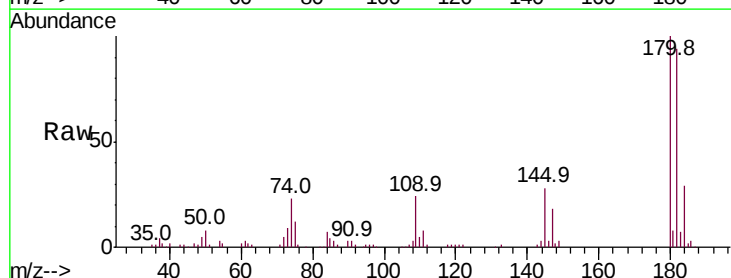
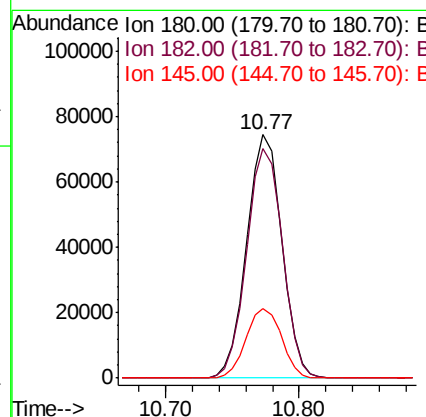
RT: 10.77 min Scan# 1274

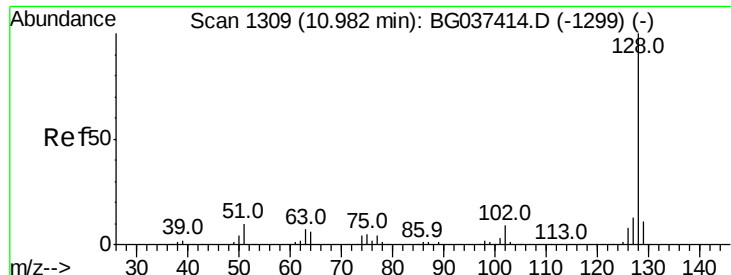
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	180	Resp:	135451
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.7	116.5
145	28.5	23.3	34.9





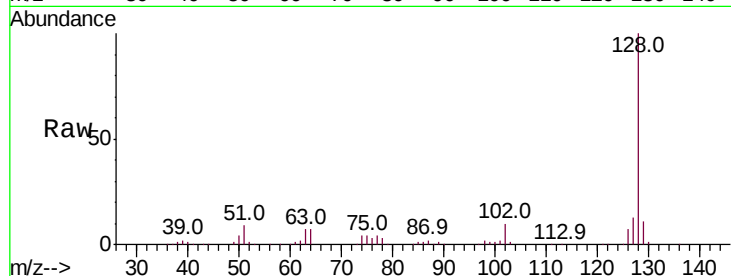
#31
Naphthalene
Concen: 30.634 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampled :
PB114440BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.3	11.1	16.7

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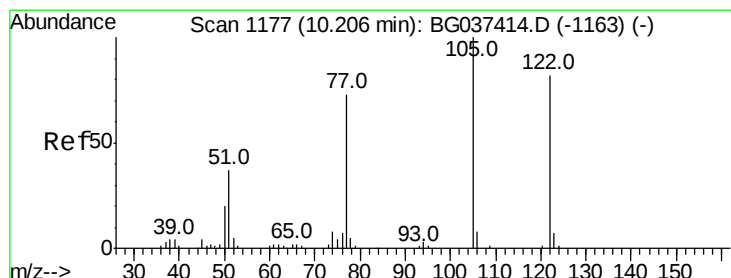
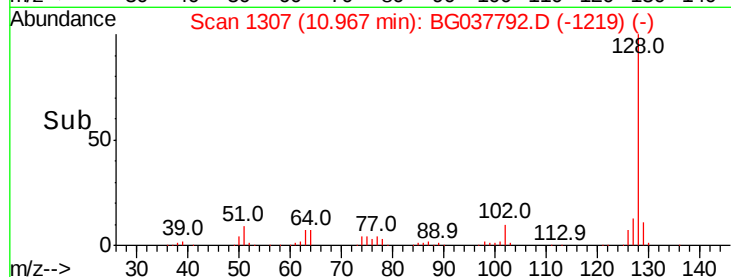
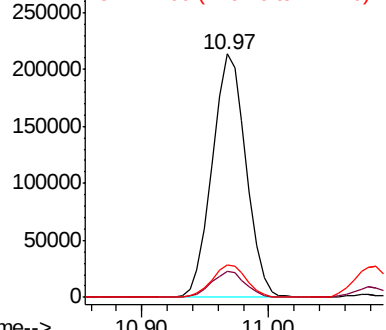


Abundance

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: 13.678 ng m
RT: 10.15 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

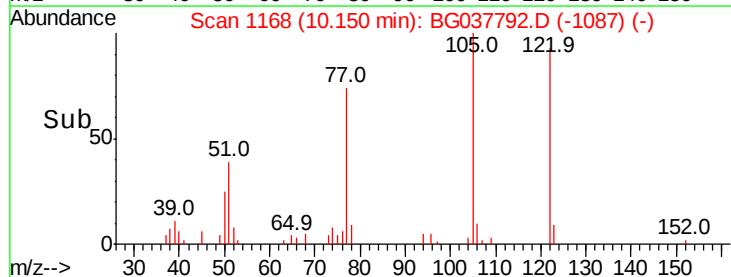
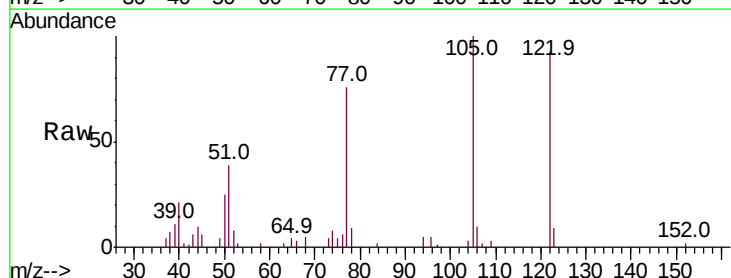
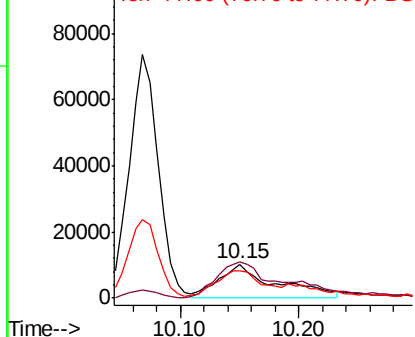
Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.9	106.7	146.7
77	82.0	72.2	112.2

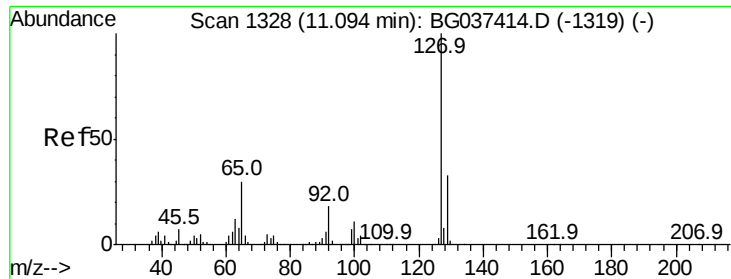
Abundance

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): BG





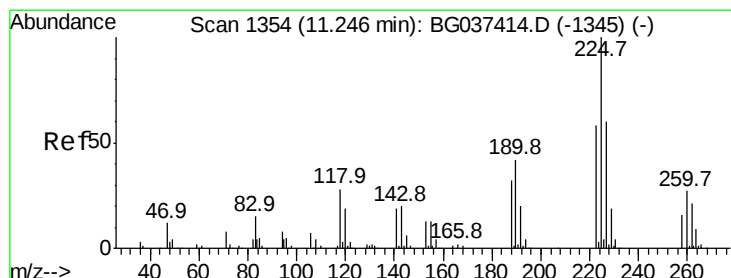
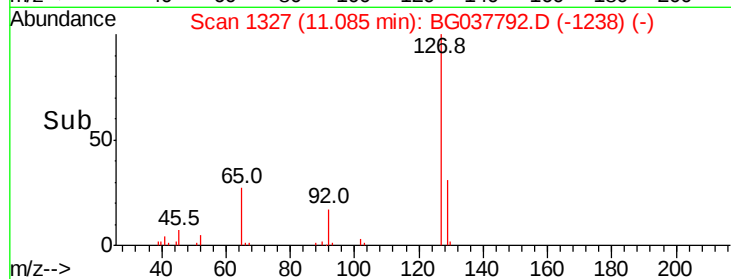
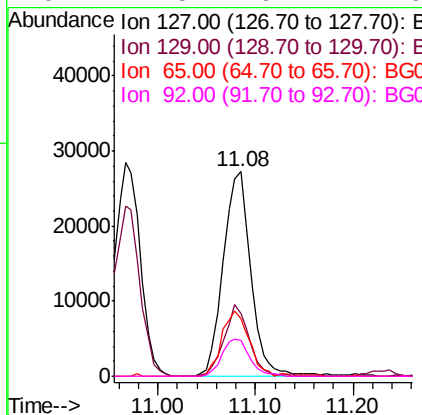
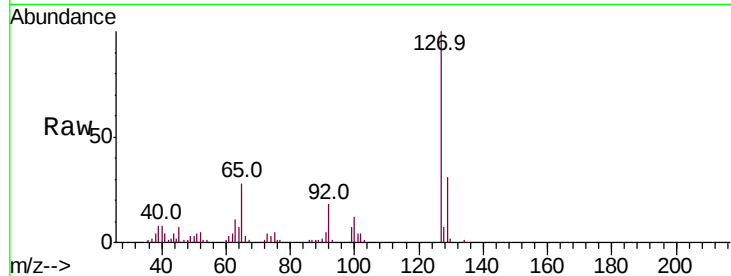
#33
4-Chloroaniline
Concen: 8.863 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.1	40.7
65	28.0	26.6	39.8
92	17.5	16.4	24.6

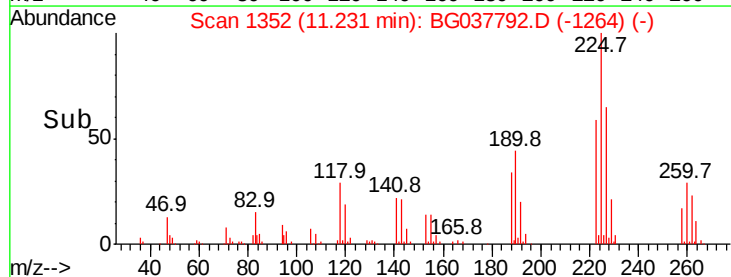
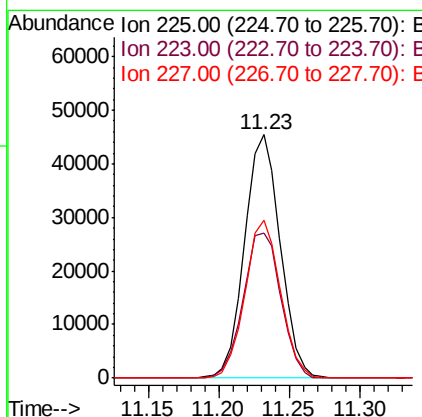
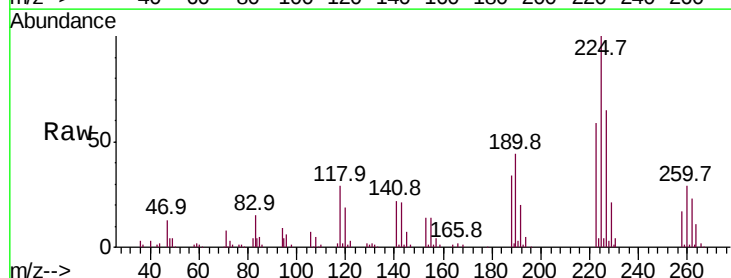
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#34
Hexachlorobutadiene
Concen: 28.619 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.1	48.2	72.4
227	65.2	51.6	77.4





#35

Caprolactam

Concen: 26.621 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

Tot Ion:113 Resp: 46534

Ion Ratio Lower Upper

113 100

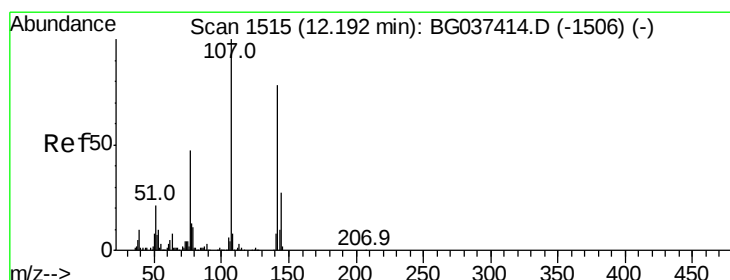
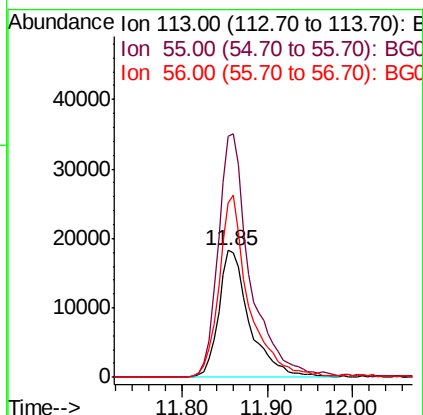
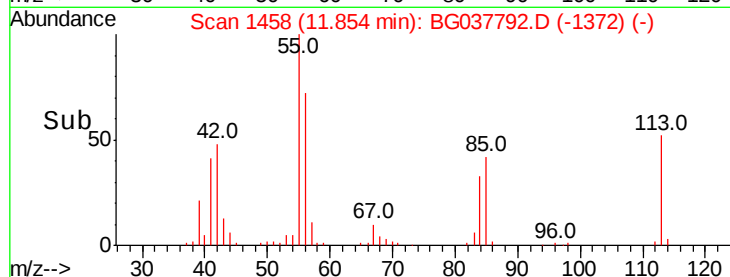
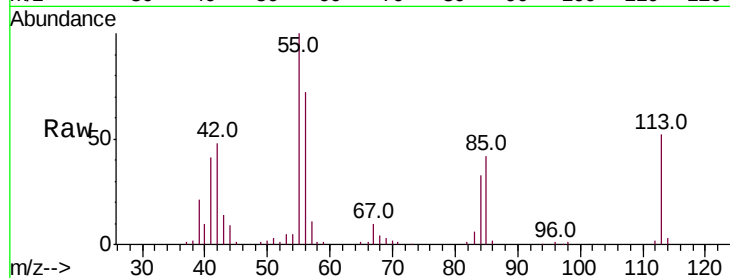
55 190.8 176.6 216.6

56 137.4 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 29.429 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

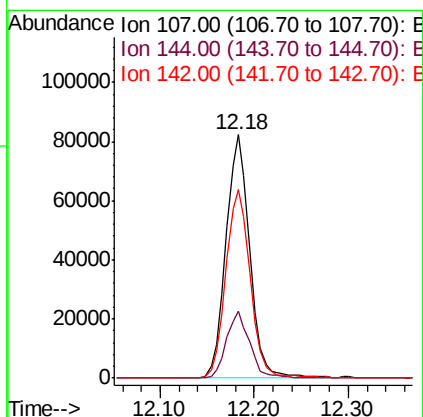
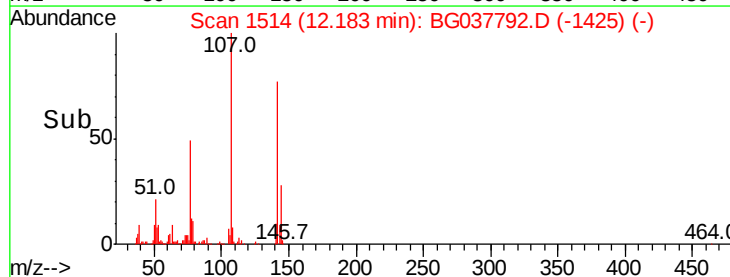
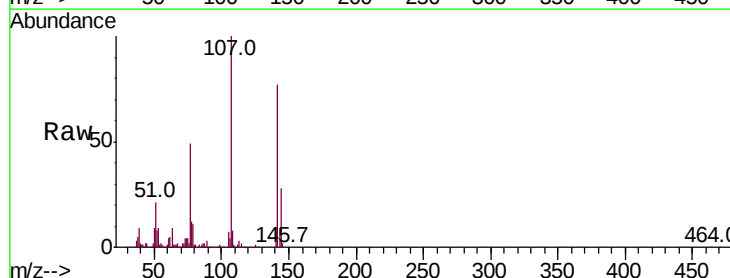
Tgt Ion:107 Resp: 144650

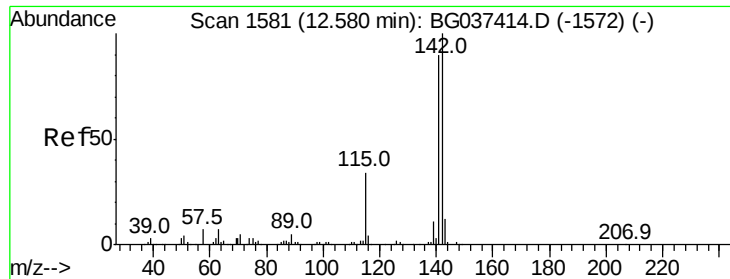
Ion Ratio Lower Upper

107 100

144 27.7 20.7 31.1

142 77.4 64.4 96.6





#37

2-Methylnaphthalene

Concen: 32.226 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG037792.D

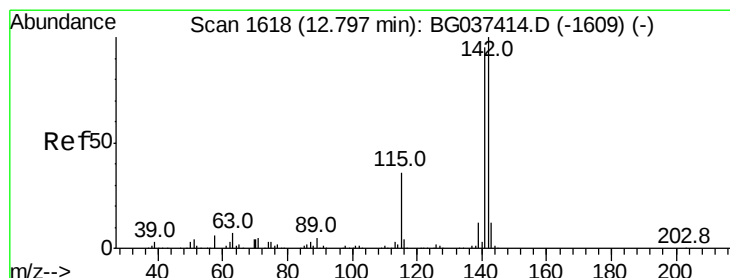
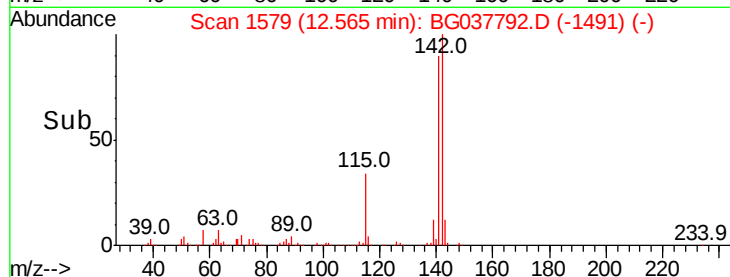
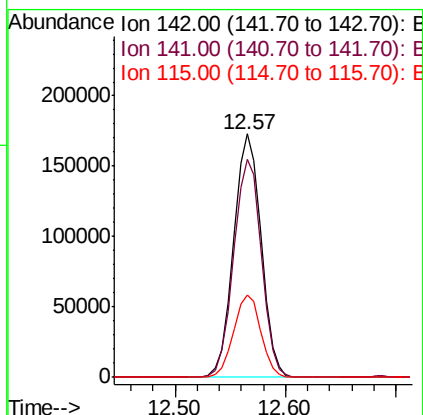
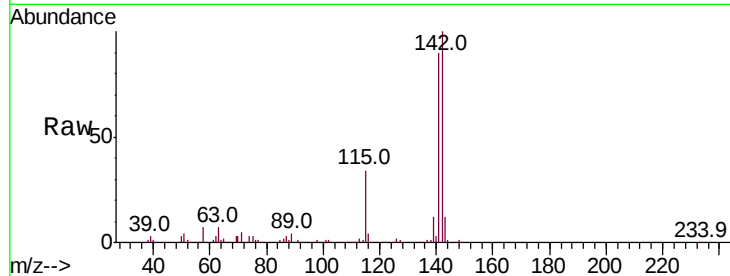
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	33.6	27.8	41.8

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#38

1-Methylnaphthalene

Concen: 31.556 ng

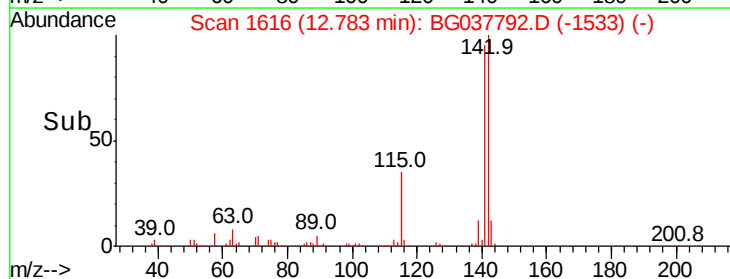
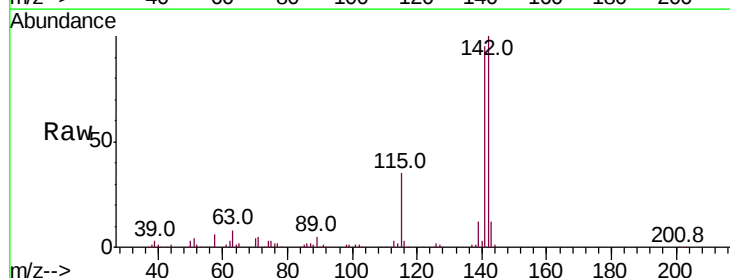
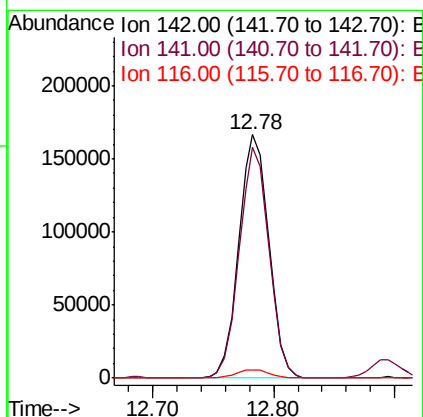
RT: 12.78 min Scan# 1616

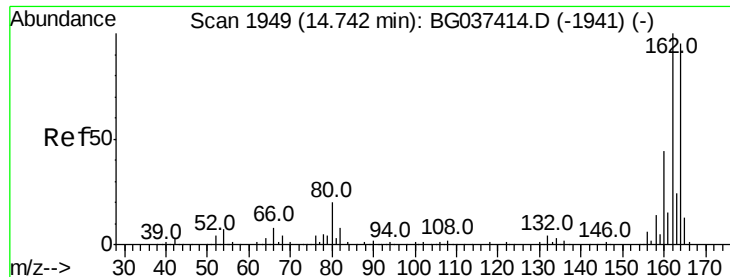
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.2	112.8
116	3.5	3.3	4.9





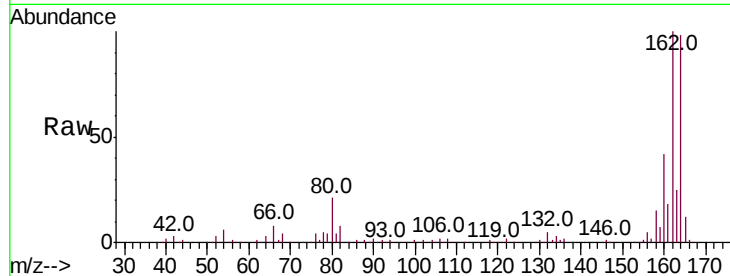
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	43.2	36.3	54.5

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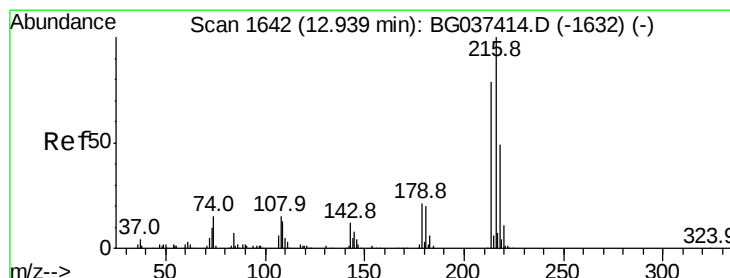
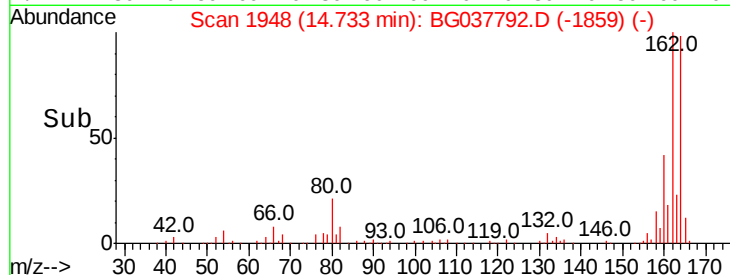
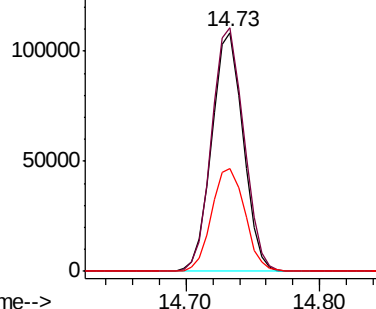


Abundance

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: 28.064 ng
RT: 12.92 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.8	95.6
179	21.4	17.4	26.0
108	18.5	13.9	20.9

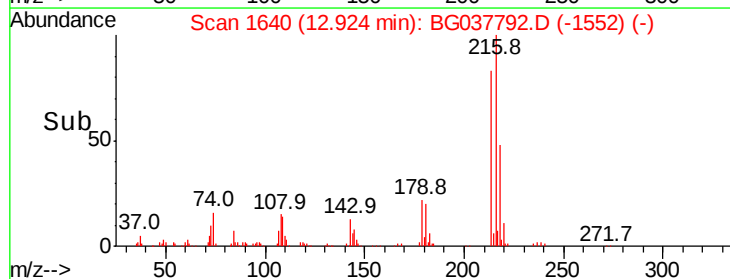
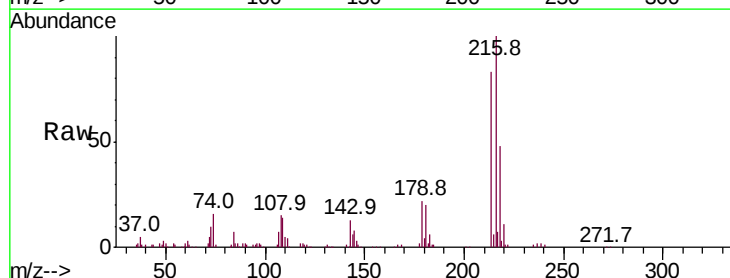
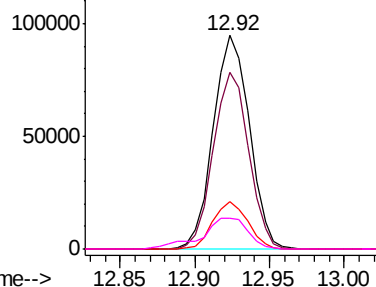
Abundance

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: 69.263 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

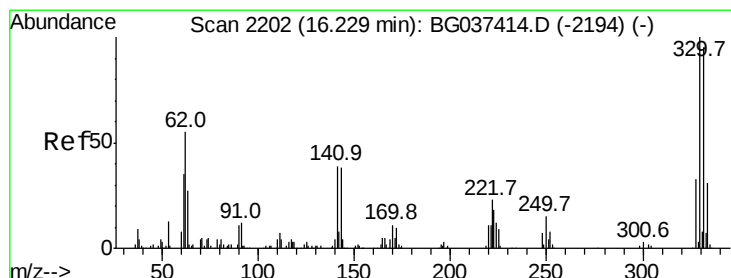
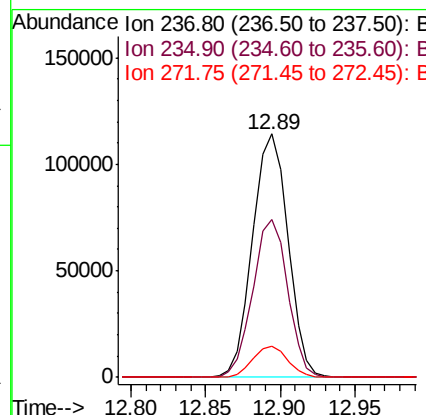
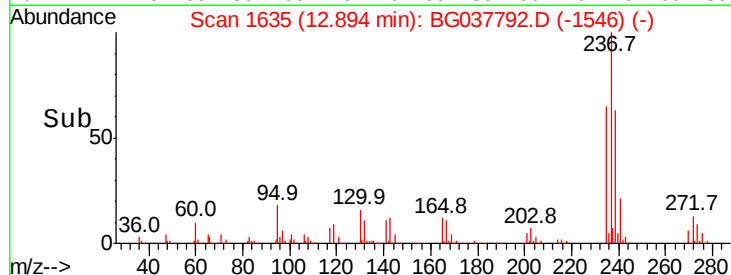
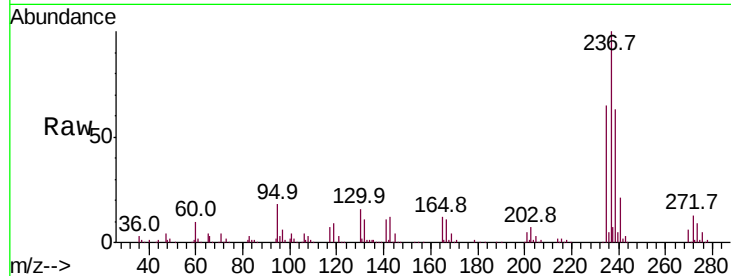
ClientSampleId :

PB114440BS

Tot Ion:	237	Resp:	187082
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.5	82.5
272	13.0	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 83.733 ng

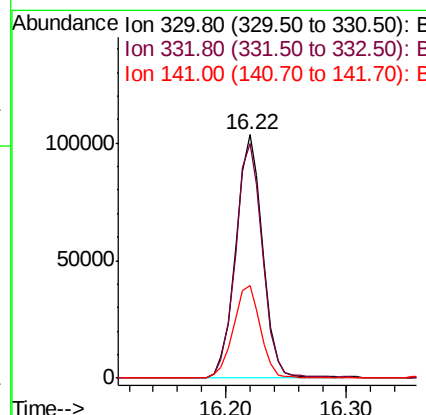
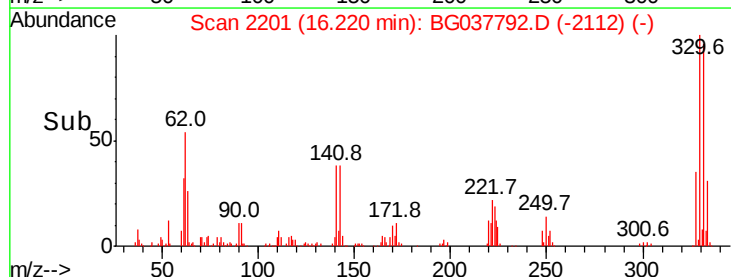
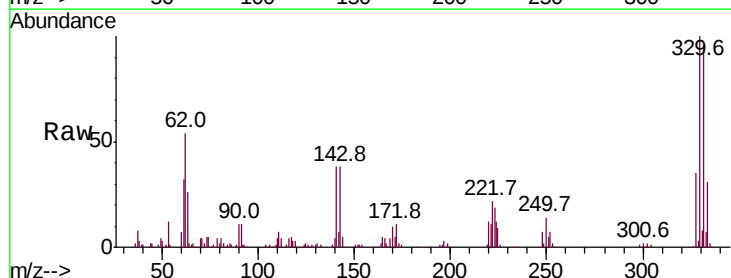
RT: 16.22 min Scan# 2201

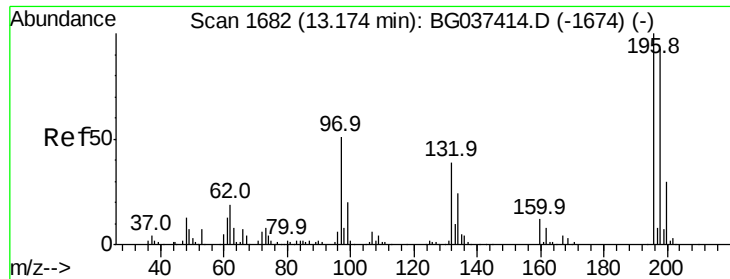
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	330	Resp:	160101
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.4	117.6
141	38.6	32.2	48.2





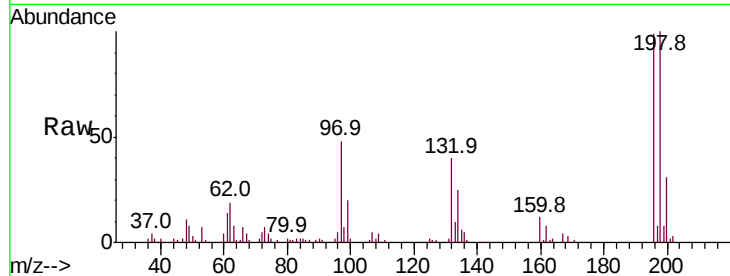
#43
 2,4,6-Trichlorophenol
 Concen: 29.553 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampled :
 PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111641		
198	100.5	76.4	114.6	
200	31.6	24.9	37.3	

Manual Integrations
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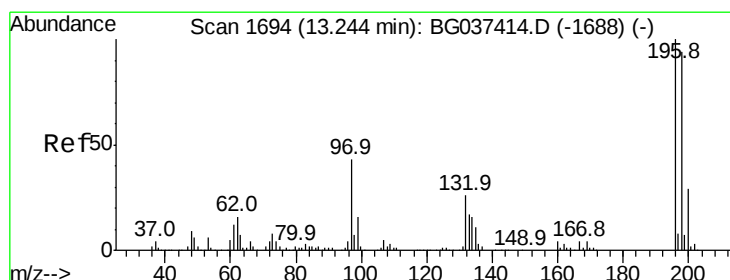
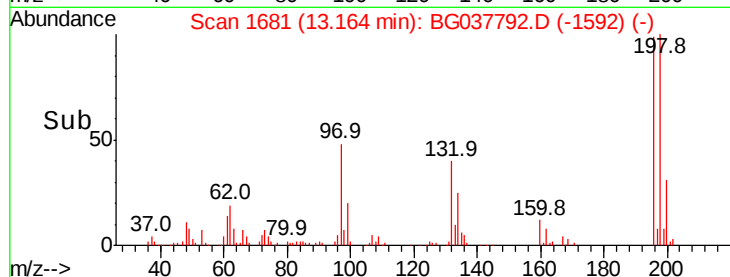
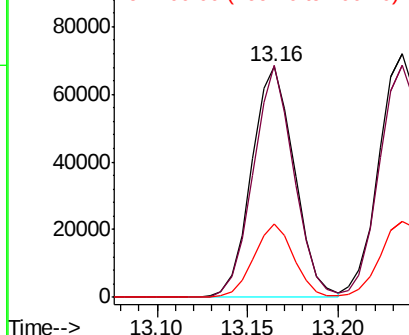


Abundance

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: 29.782 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122493		
198	95.3	74.2	111.2	
97	42.9	34.1	51.1	
132	25.2	20.2	30.4	

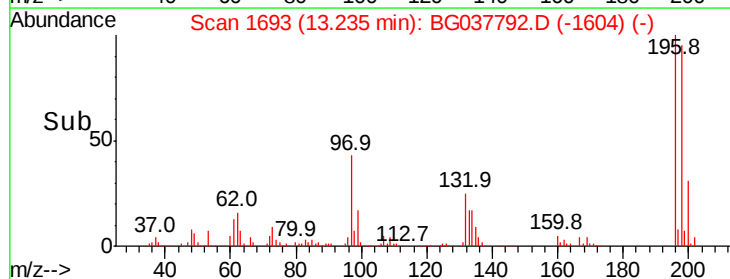
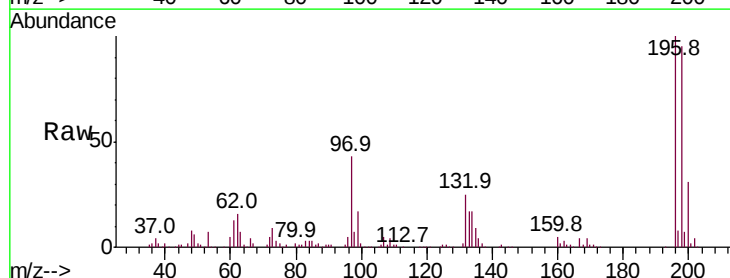
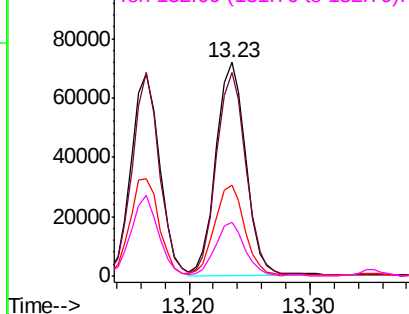
Abundance

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





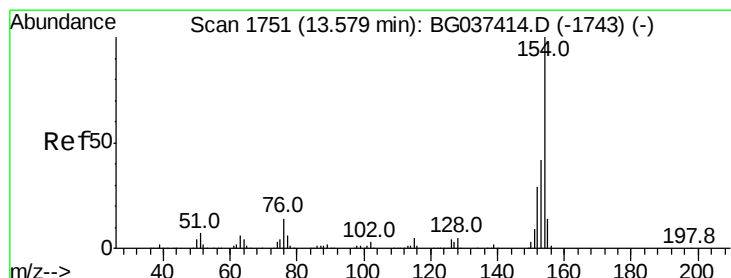
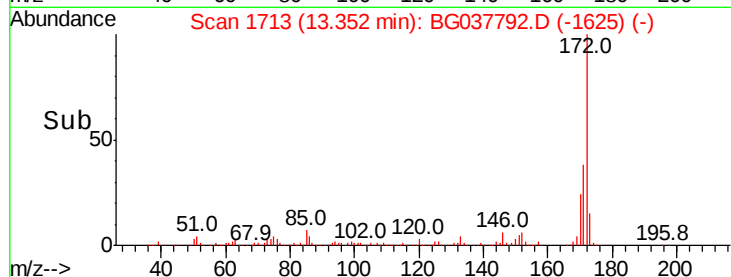
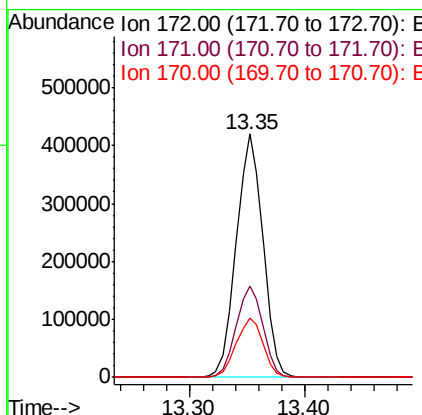
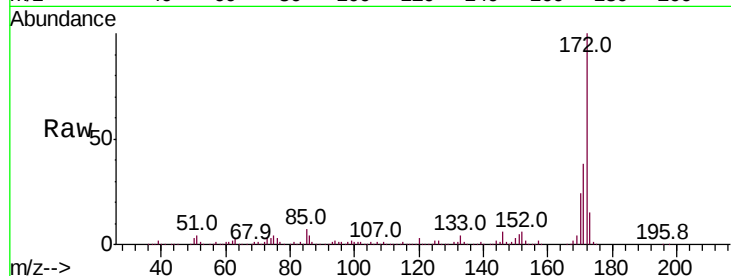
#45
2-Fluorobiphenyl
Concen: 57.593 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampled :
PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	669546		
171	37.6		31.0	46.4
170	24.4		20.2	30.2

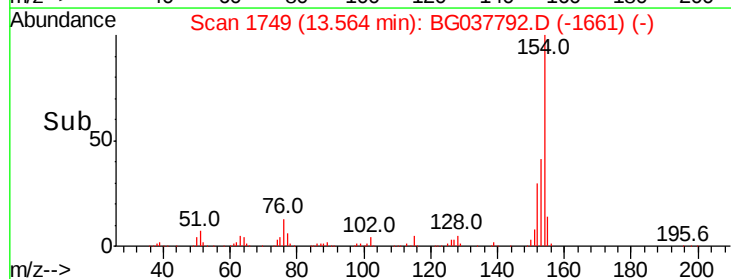
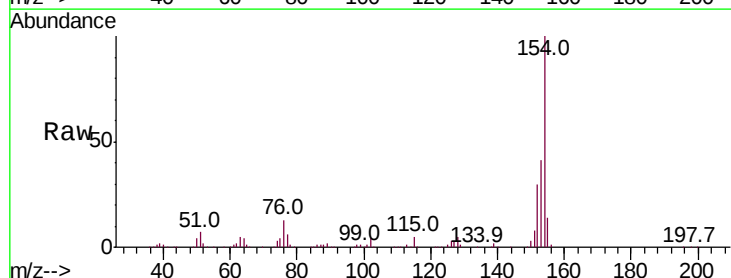
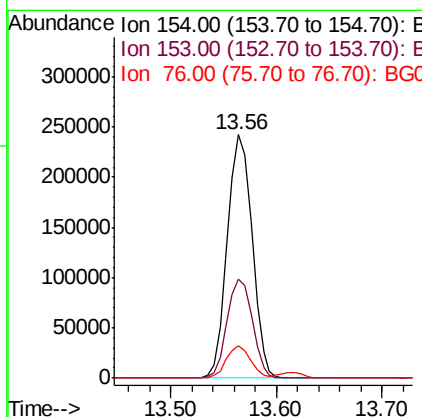
Manual Integrations
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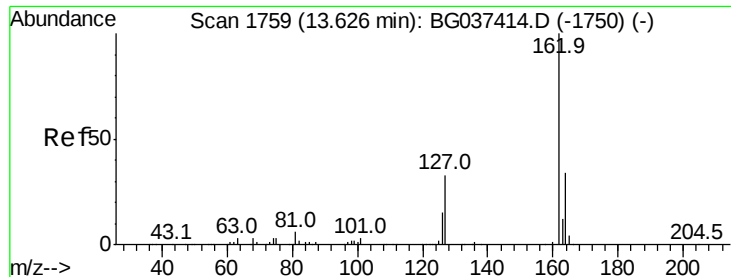
Sohil
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#46
1,1'-Biphenyl
Concen: 27.103 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	393483		
153	40.8		22.1	62.1
76	13.4		0.0	33.2





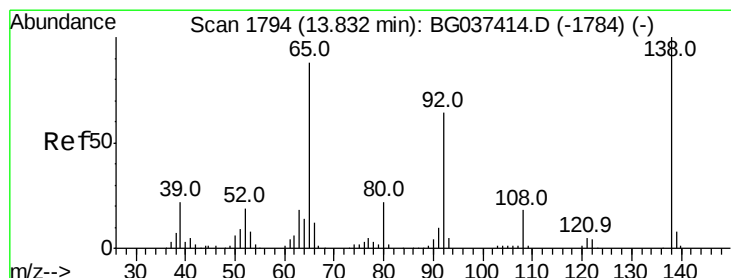
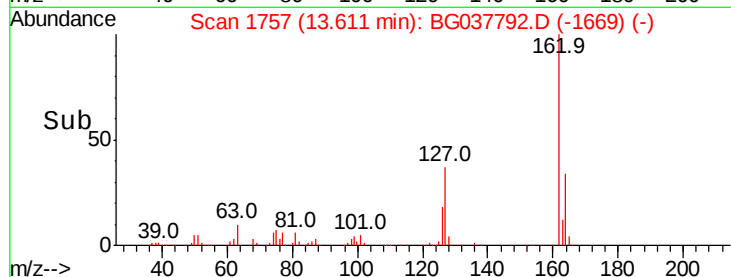
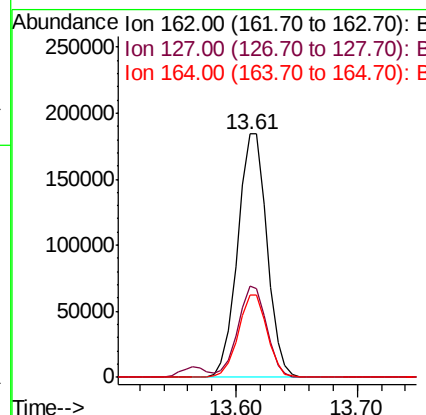
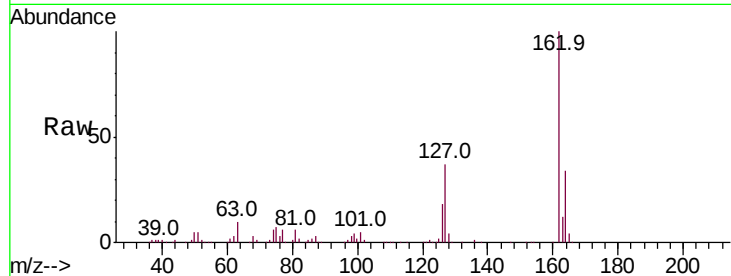
#47
2-Chloronaphthalene
Concen: 28.450 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	30.5	45.7	
164	33.9	26.4	39.6	

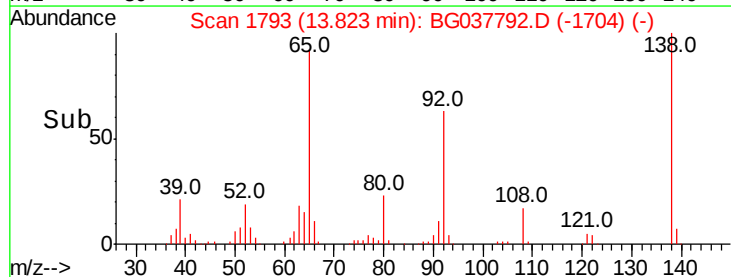
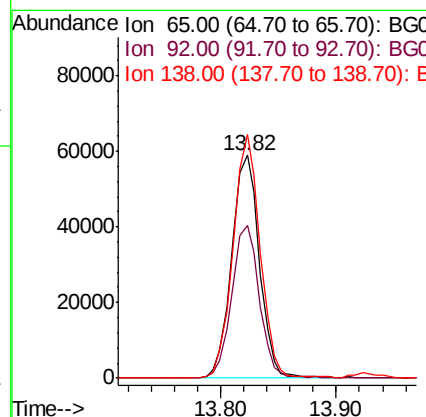
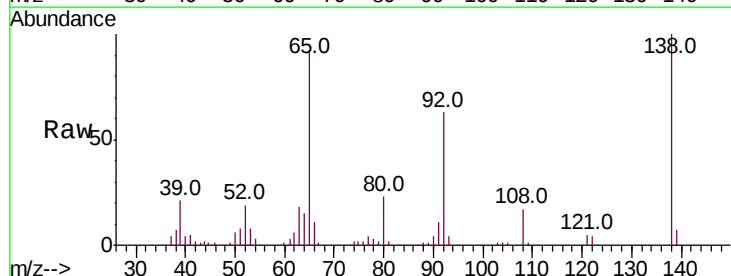
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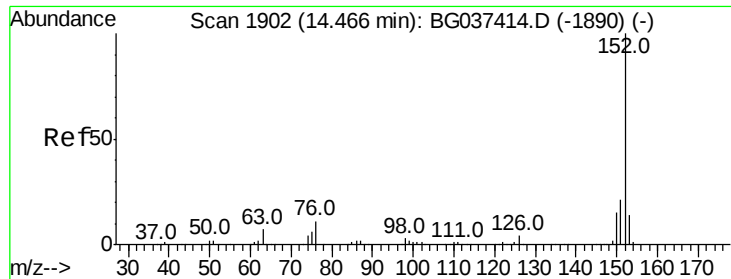
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#48
2-Nitroaniline
Concen: 29.434 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.7	53.2	79.8	
138	109.2	79.3	118.9	





#49

Acenaphthylene

Concen: 31.031 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

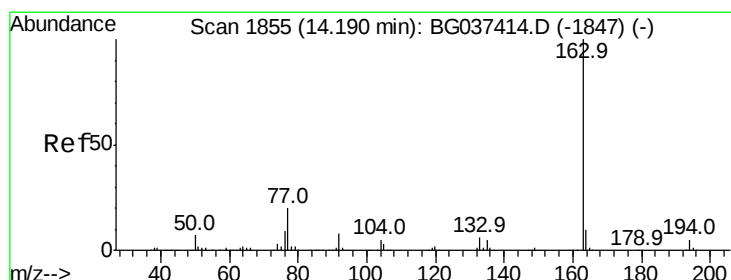
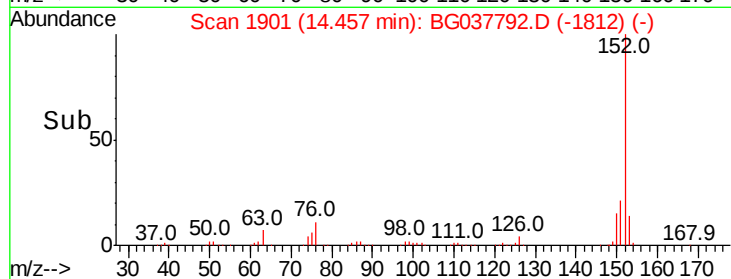
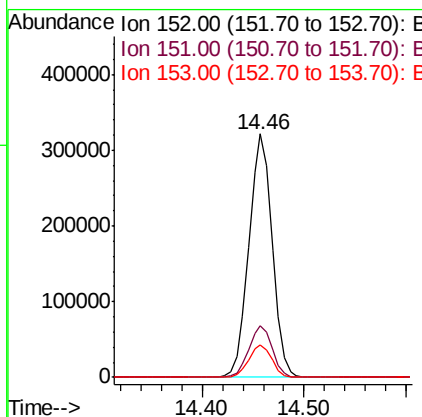
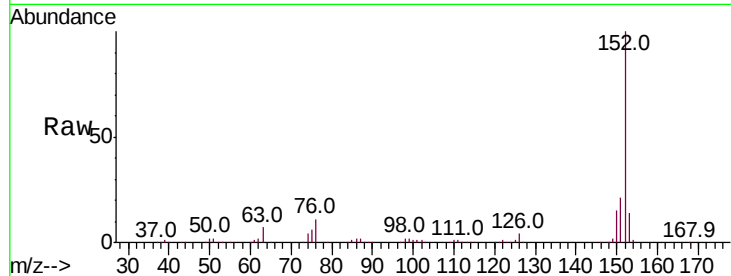
ClientSampleId :

PB114440BS

Tot Ion:	152	Resp:	512703
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.1	25.7
153	13.6	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 28.909 ng

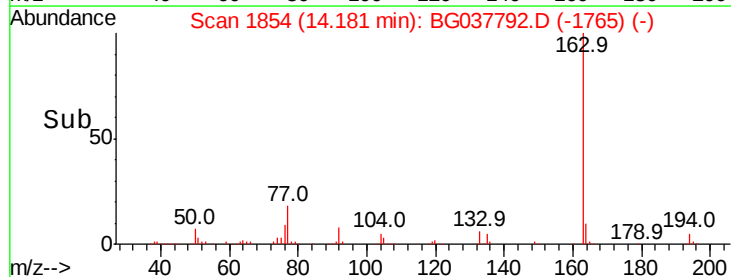
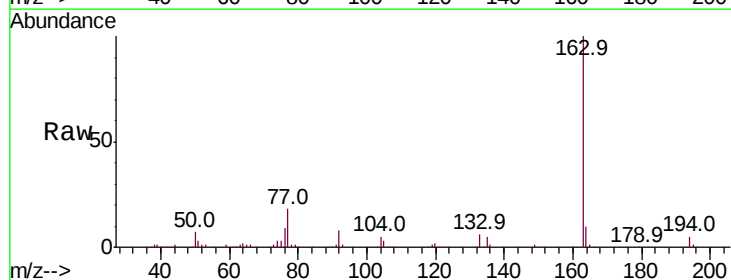
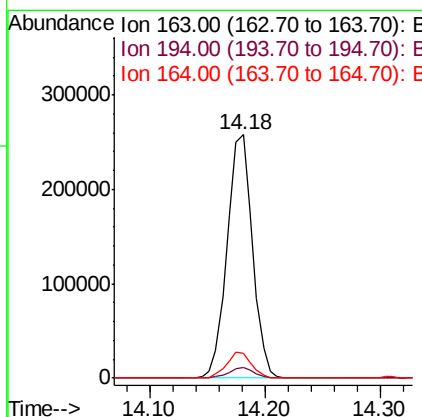
RT: 14.18 min Scan# 1854

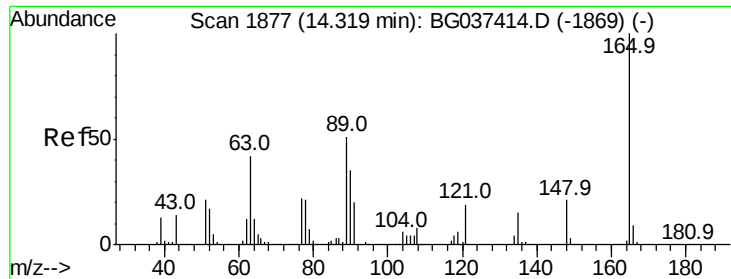
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	163	Resp:	392060
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.4	8.5	12.7





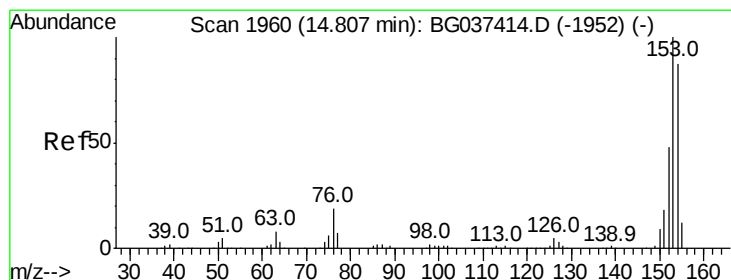
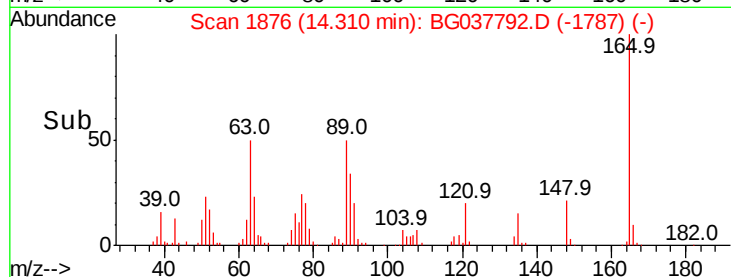
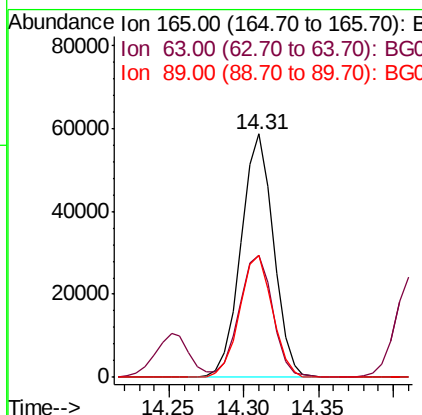
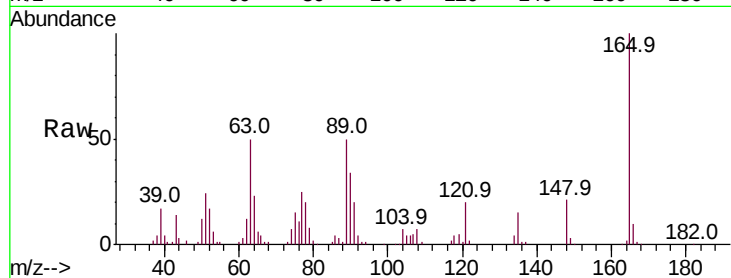
#51
2,6-Dinitrotoluene
Concen: 29.520 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	43.4	65.2
89	50.1	45.8	68.6

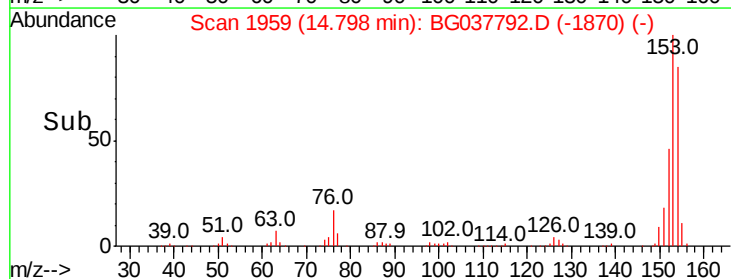
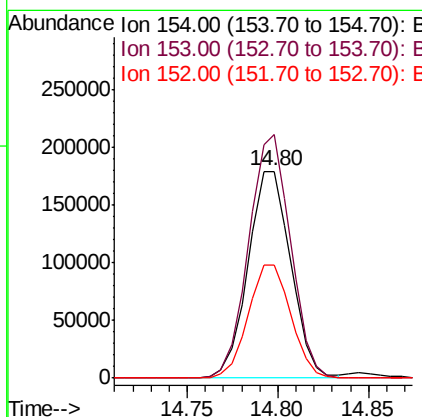
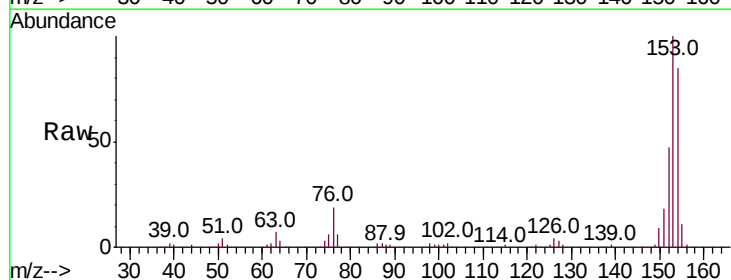
Manual Integrations
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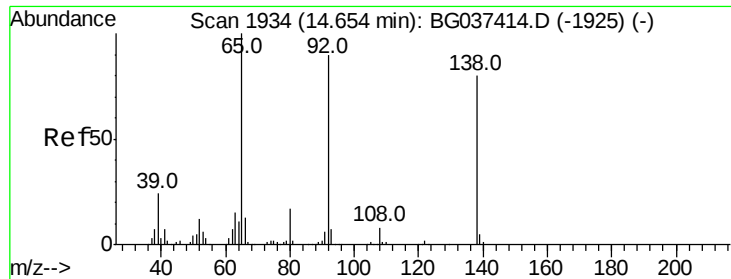
Sohil
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#52
Acenaphthene
Concen: 28.955 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.7	93.4	140.0
152	54.8	44.7	67.1





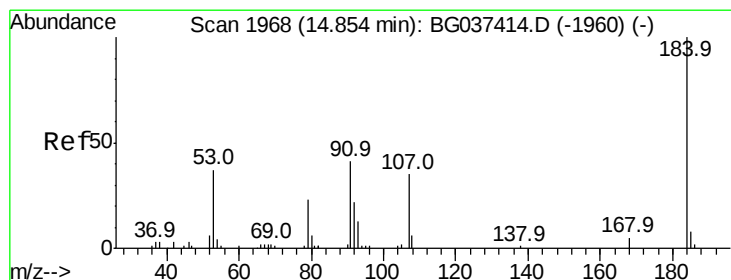
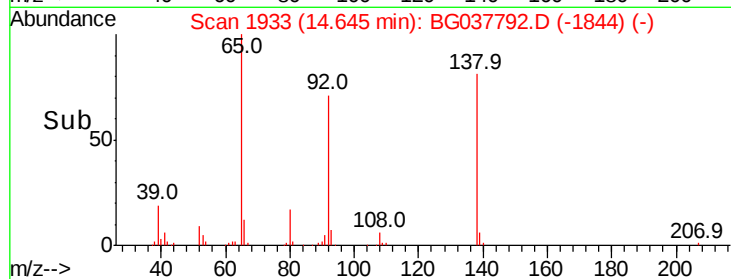
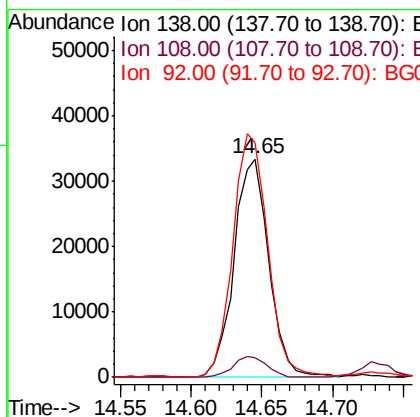
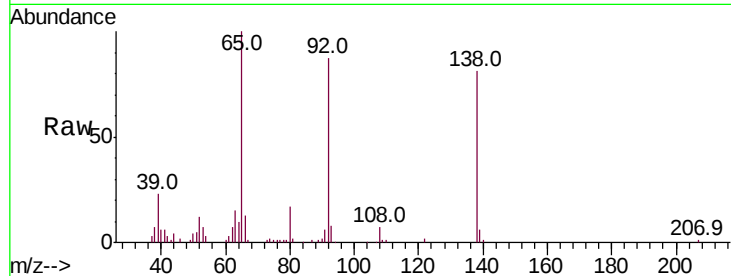
#53
3-Nitroaniline
Concen: 17.309 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	11.0	16.6#
92	107.7	95.2	142.8

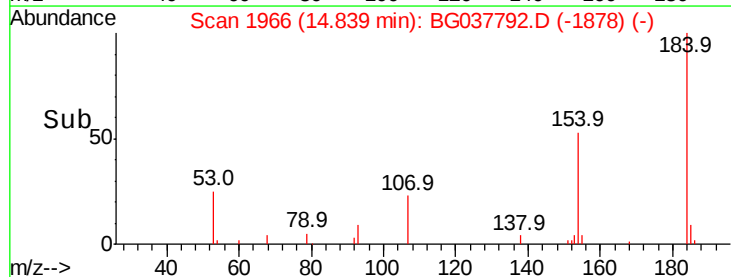
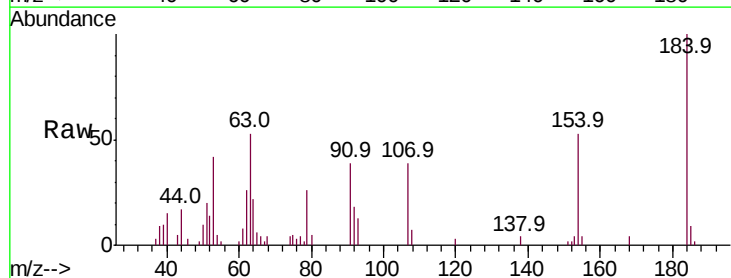
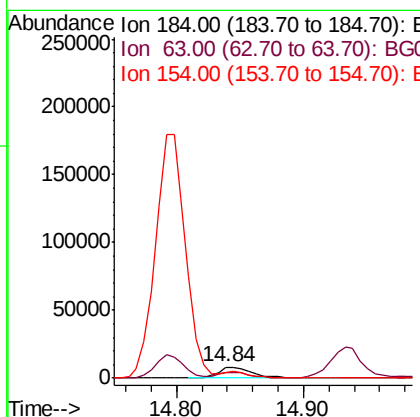
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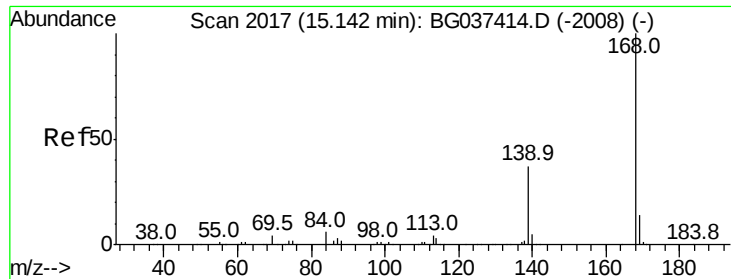
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#54
2,4-Dinitrophenol
Concen: 23.902 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.5	42.6	63.8
154	53.1	41.8	62.6





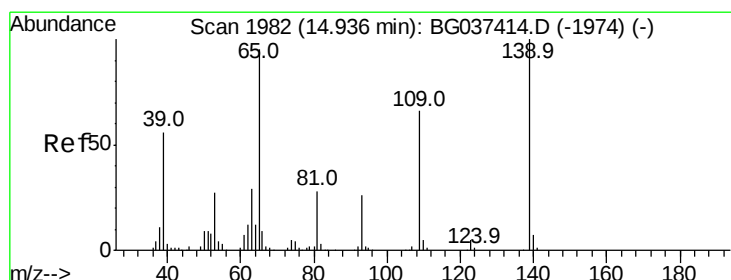
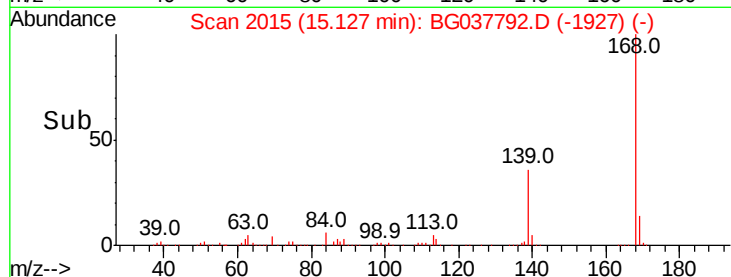
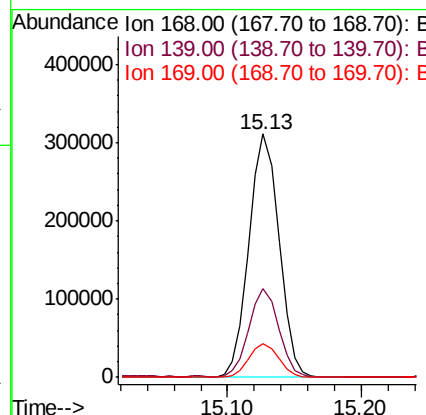
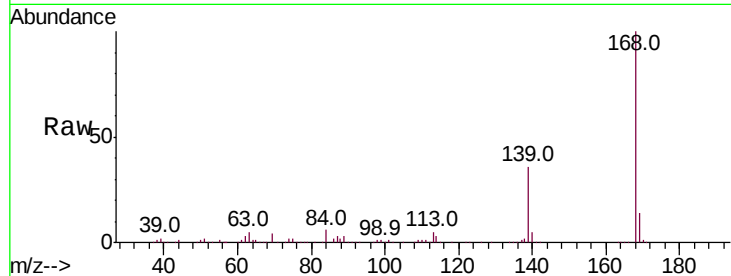
#55
Dibenzofuran
Concen: 28.742 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.4	44.0
169	14.0	11.0	16.6

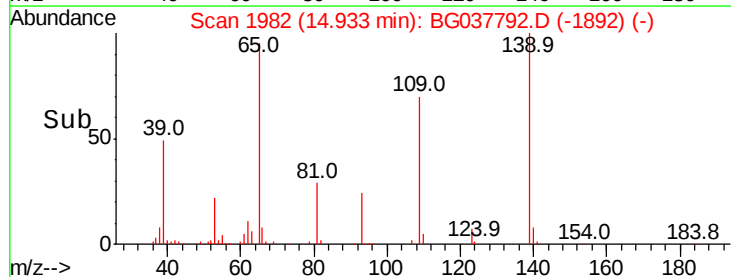
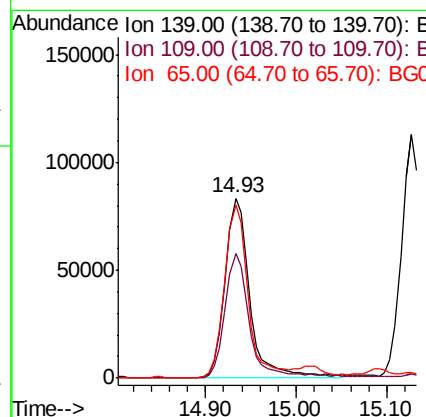
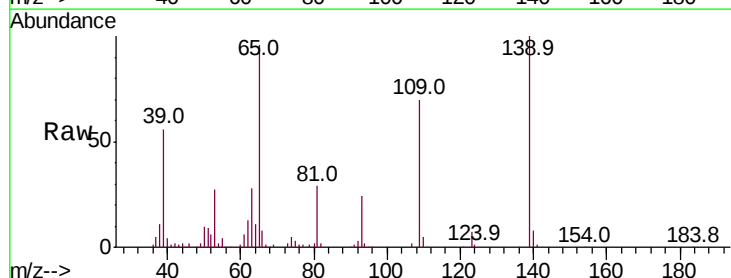
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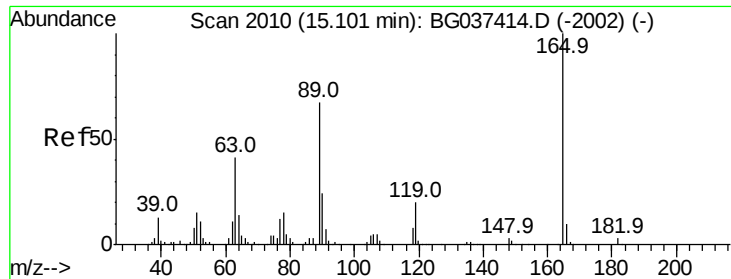
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#56
4-Nitrophenol
Concen: 64.696 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	49.5	89.5
65	96.1	76.8	116.8





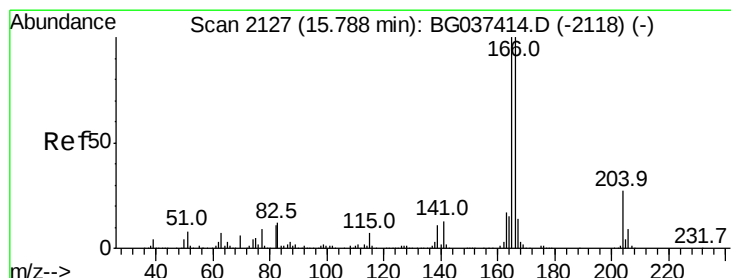
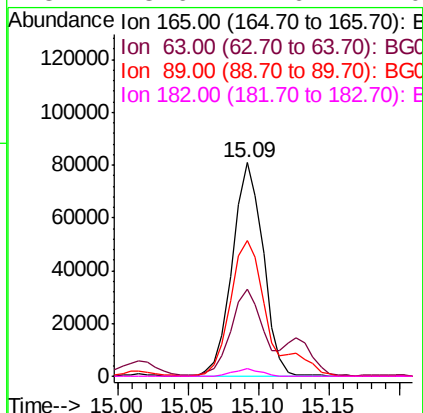
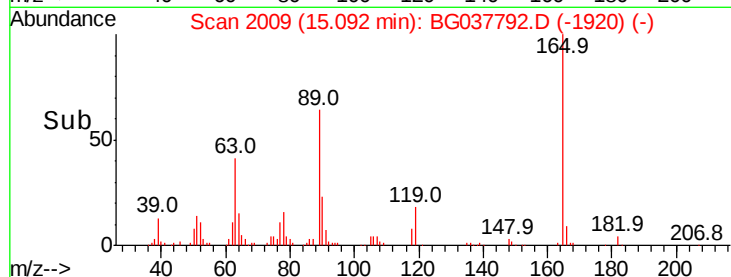
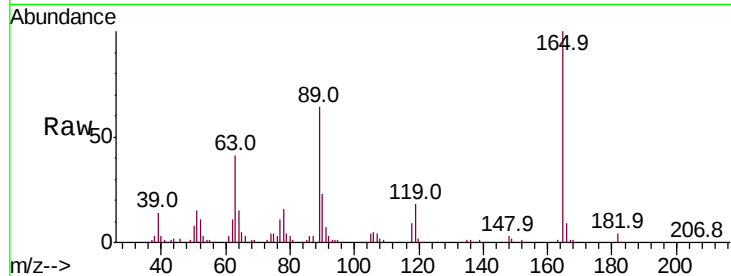
#57
2,4-Dinitrotoluene
Concen: 31.334 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.0	33.4	50.0	
89	63.8	57.2	85.8	
182	3.6	2.6	4.0	

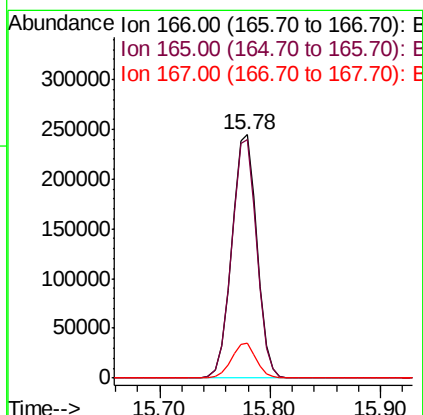
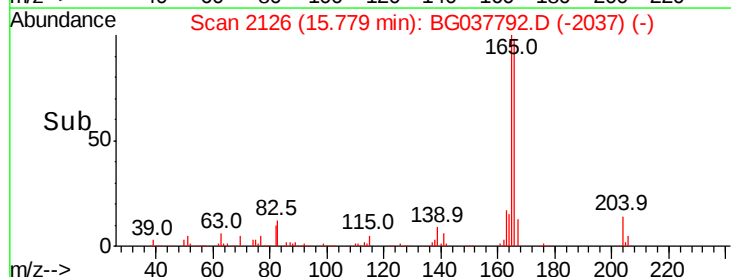
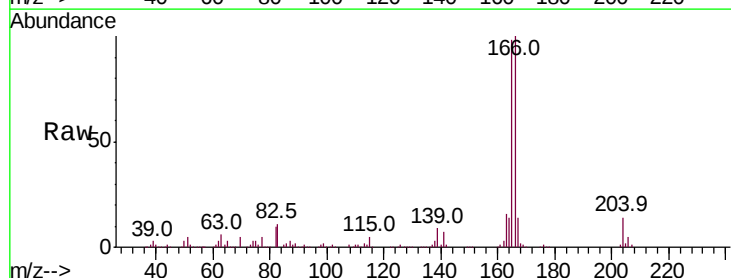
Manual Integrations
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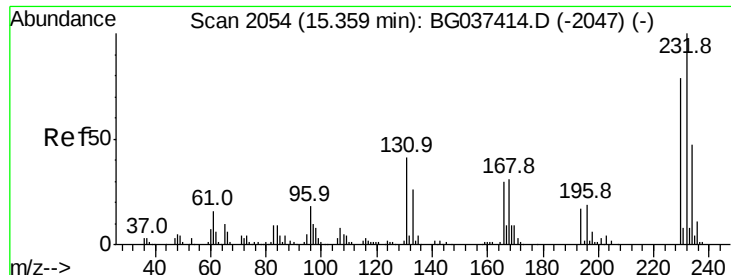
Sohil
11/5/2018 9:49:50 AM



#58
Fluorene
Concen: 30.883 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	79.0	118.6	
167	14.2	11.3	16.9	





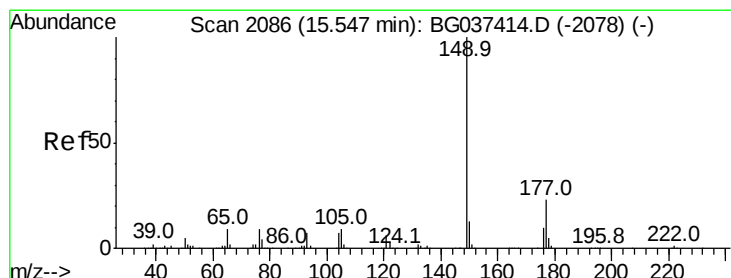
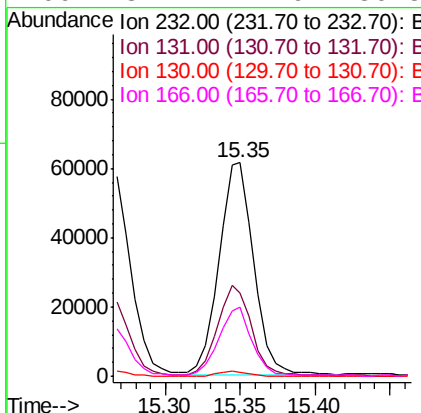
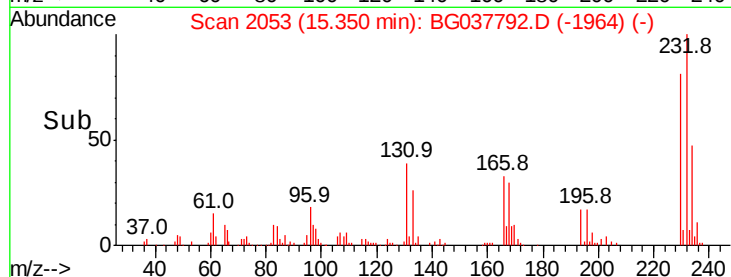
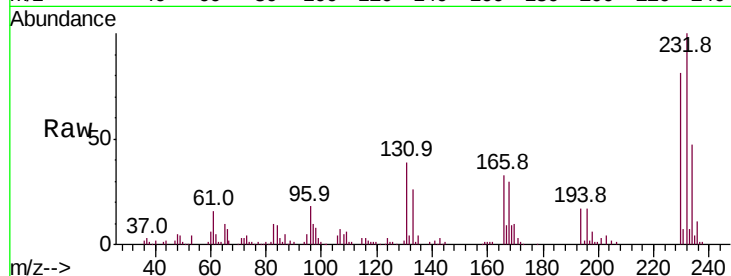
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.410 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.7	50.5
130	2.2	2.1	3.1
166	32.4	24.6	36.8

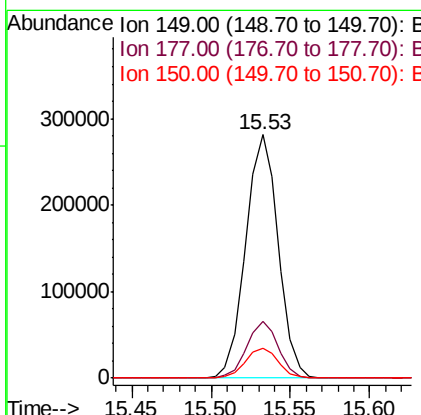
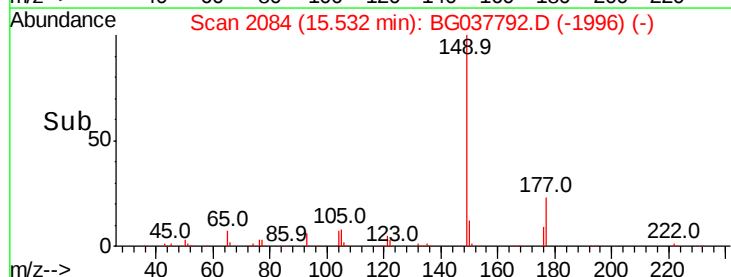
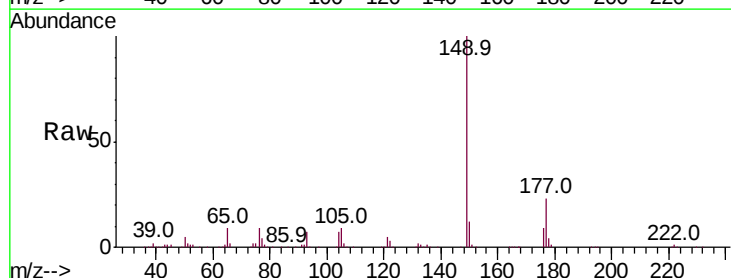
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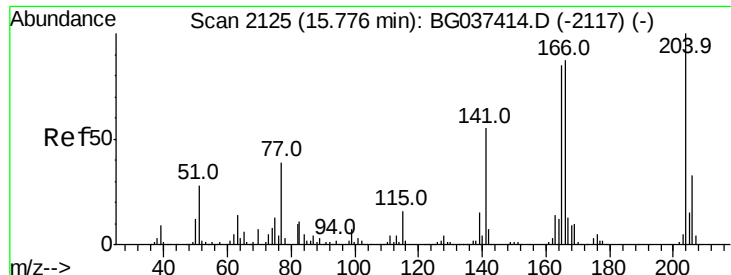
Sohil
 11/5/2018 9:49:50 AM



#60
 Diethylphthalate
 Concen: 28.723 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.4	10.0	15.0





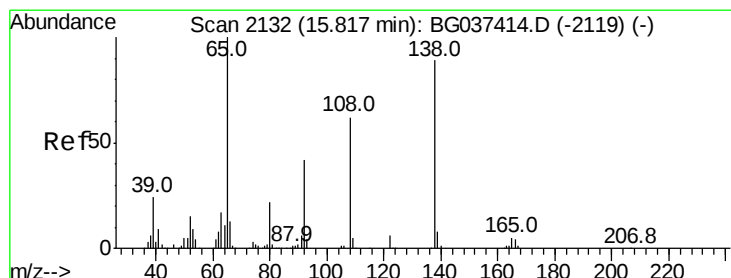
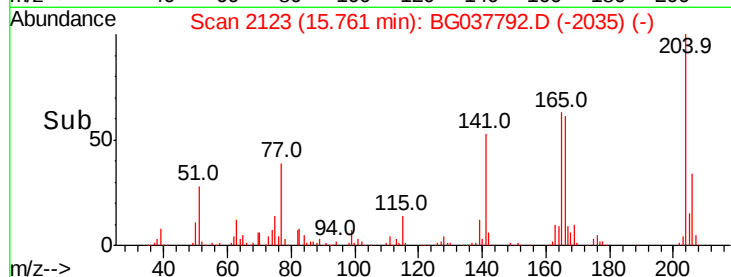
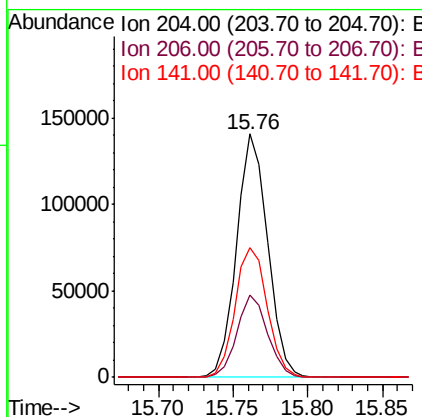
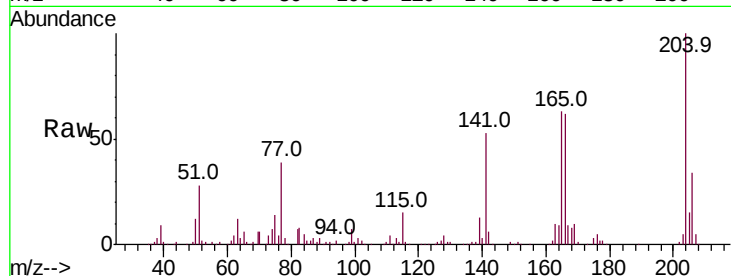
#61
 4-Chlorophenyl-phenylether
 Concen: 27.651 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleID :
 PB114440BS

Tot Ion:	204	Resp:	203477
Ion Ratio	Lower	Upper	
204	100		
206	34.0	26.6	39.8
141	53.4	45.4	68.2

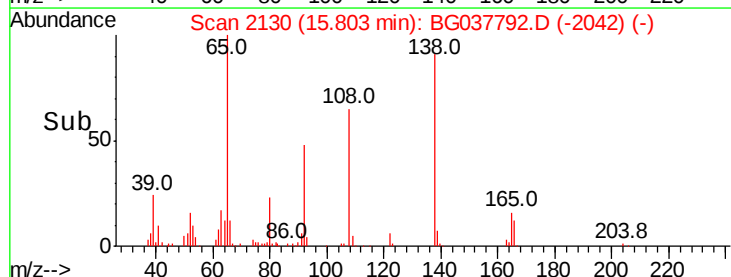
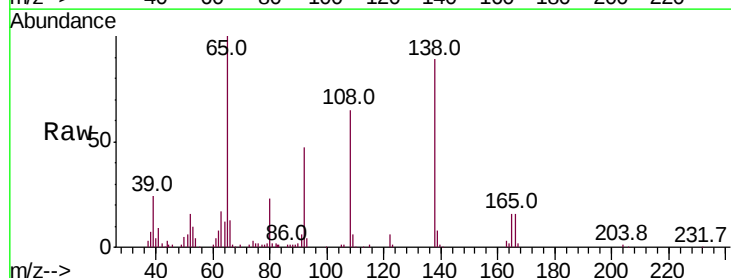
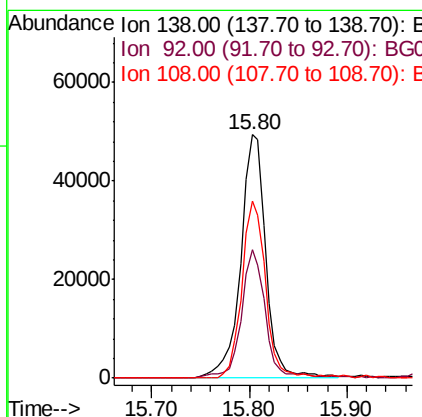
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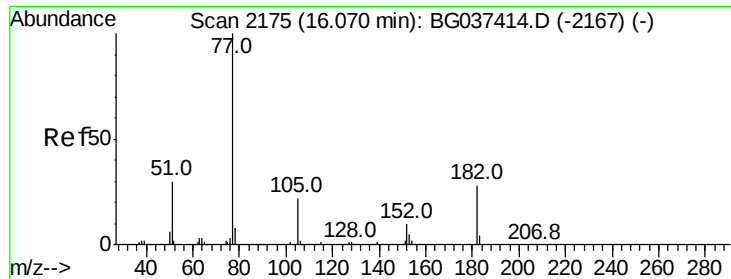
Sohil
 11/5/2018 9:49:50 AM



#62
 4-Nitroaniline
 Concen: 26.830 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion:	138	Resp:	88795
Ion Ratio	Lower	Upper	
138	100		
92	52.6	36.4	76.4
108	72.7	60.1	100.1





#63

Azobenzene

Concen: 28.214 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

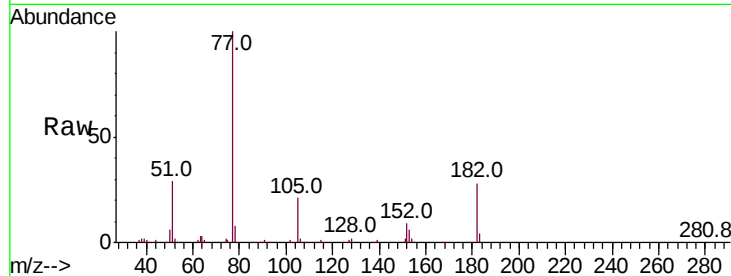
ClientSampleId :

PB114440BS

Tot Ion:	77	Resp:	374804
Ion Ratio	Lower	Upper	
77	100		
182	27.7	8.0	48.0
105	21.0	1.3	41.3
51	29.4	10.7	50.7

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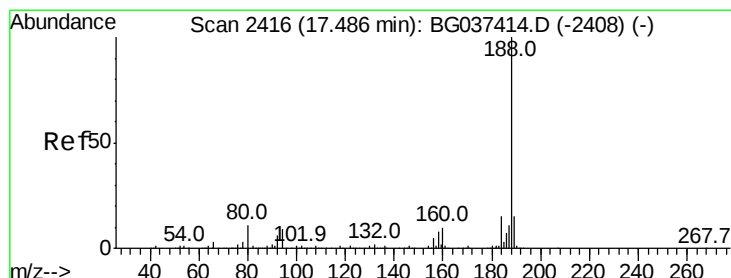
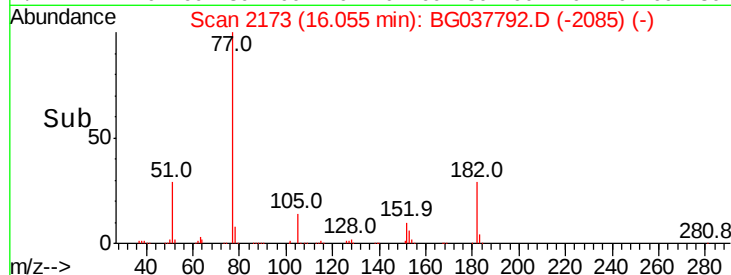
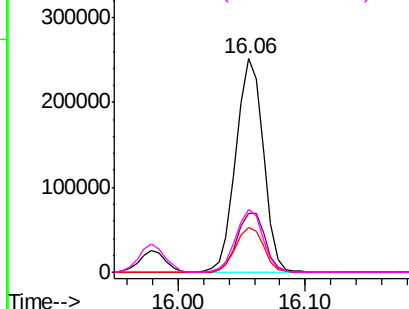
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

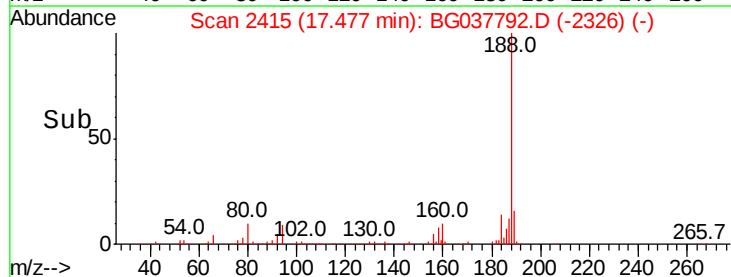
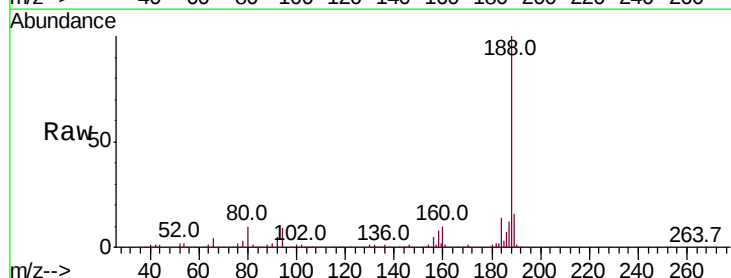
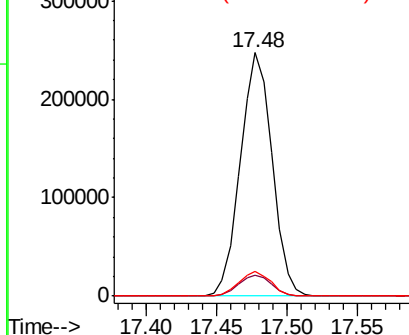
Tgt Ion:	188	Resp:	390485
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.2	10.8
80	10.2	7.7	11.5

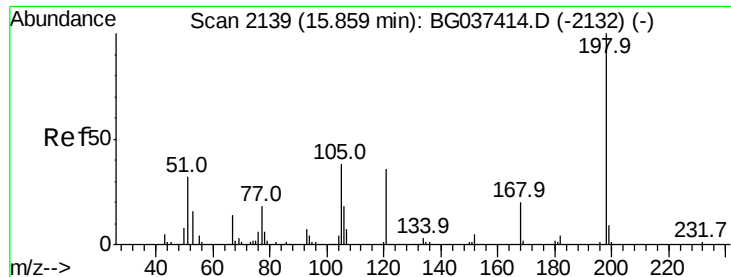
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 19.129 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampled :

PB114440BS

Tot Ion:198 Resp: 26453

Ion Ratio Lower Upper

198 100

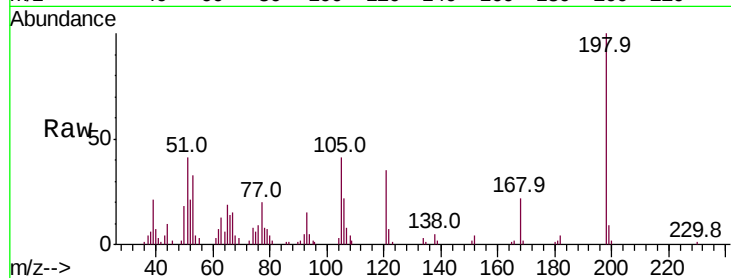
51 40.7 22.7 62.7

105 41.2 19.7 59.7

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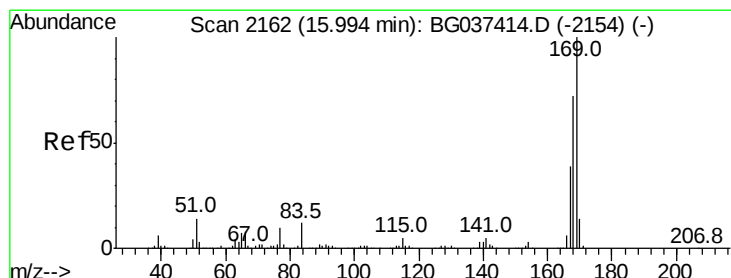
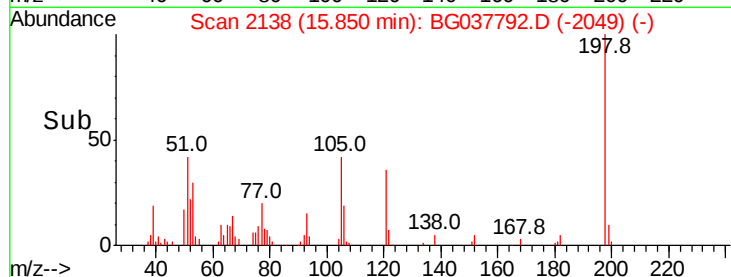
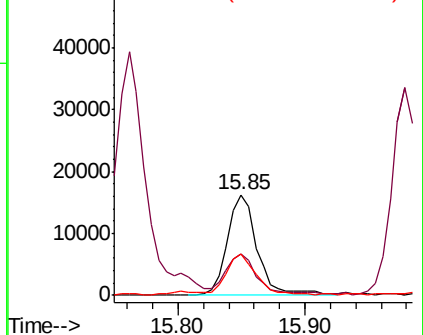
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.488 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

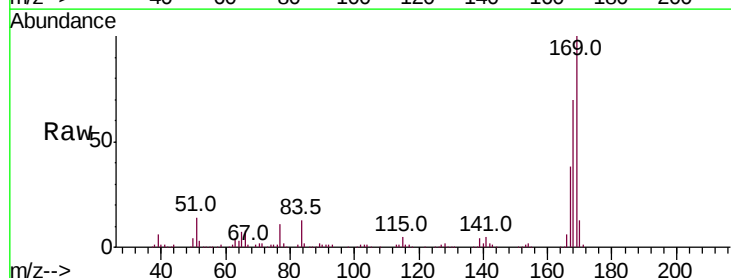
Tgt Ion:169 Resp: 346361

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

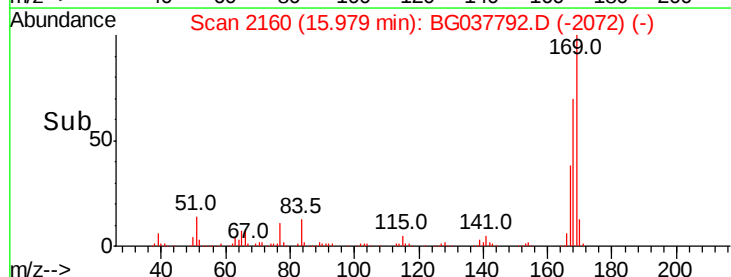
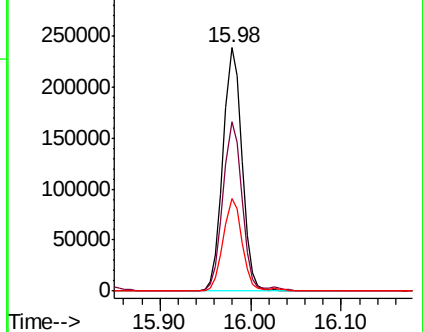
167 38.0 31.3 46.9



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: 29.362 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

ClientSampleId :

PB114440BS

Tot Ion:248 Resp: 125909
Ion Ratio Lower Upper

248 100

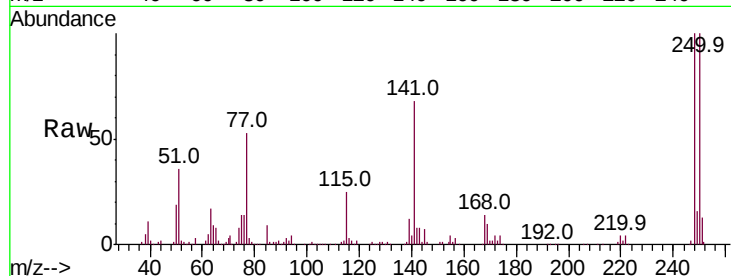
250 100.2 77.0 115.6

141 68.4 55.5 83.3

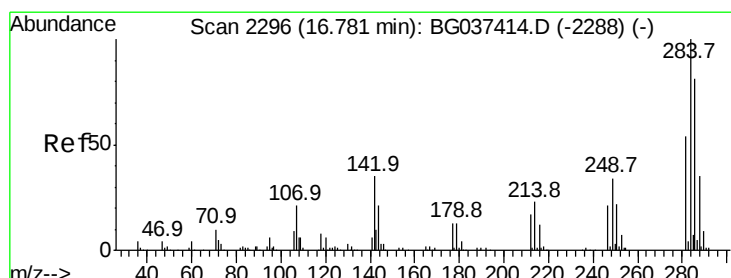
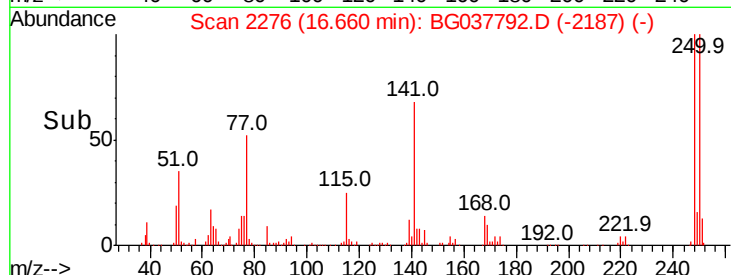
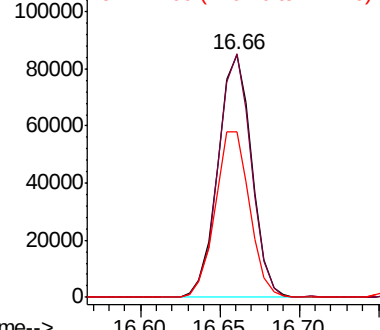
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 28.674 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037792.D

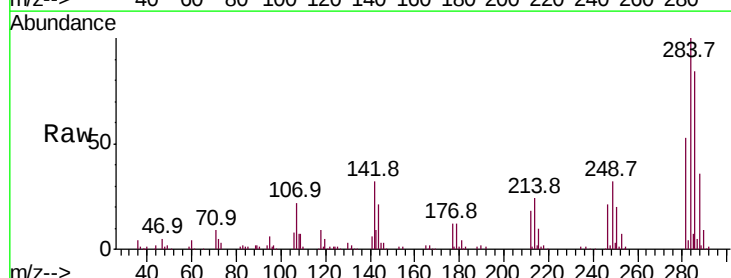
Acq: 3 Nov 2018 15:36

Tgt Ion:284 Resp: 127434
Ion Ratio Lower Upper

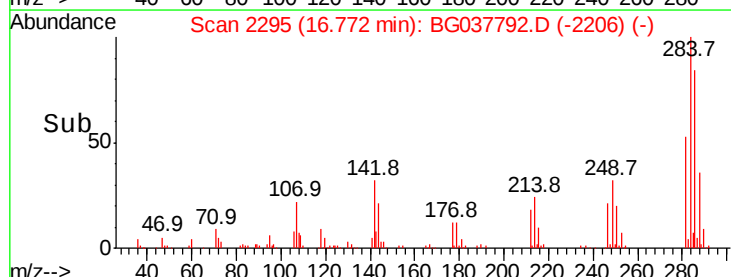
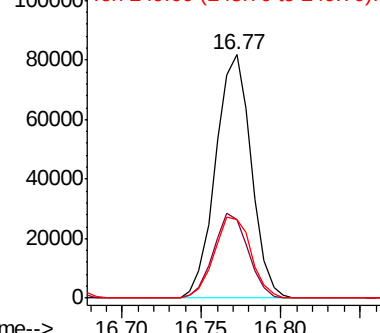
284 100

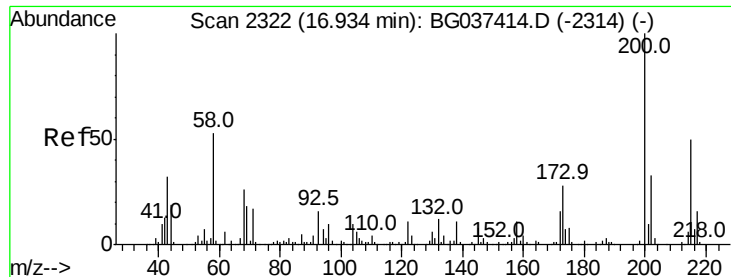
142 32.4 28.1 42.1

249 32.3 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





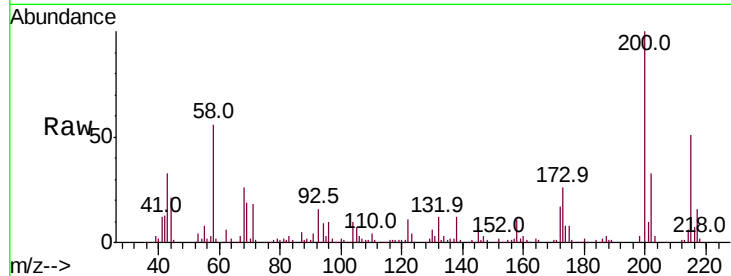
#69
Atrazine
Concen: 29.935 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.1	46.1
215	50.8	30.8	70.8

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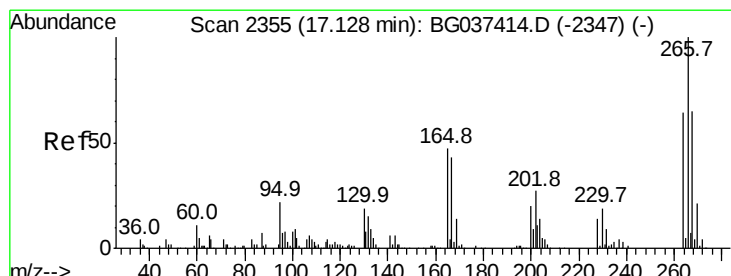
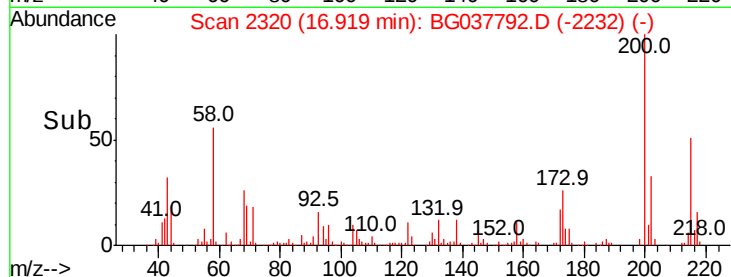
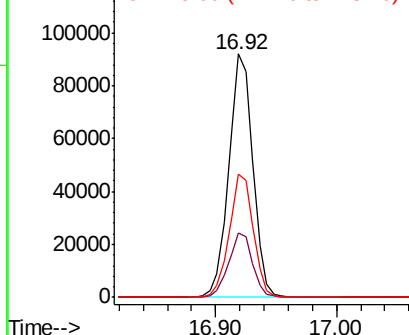


Abundance

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: 34.353 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

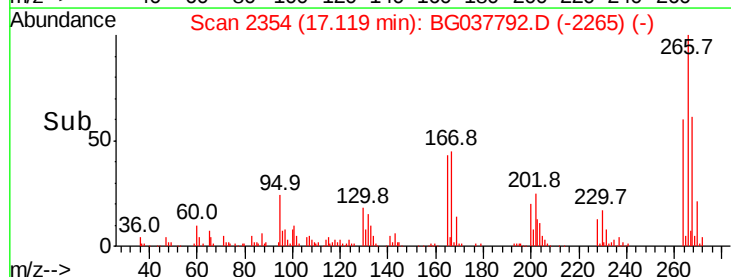
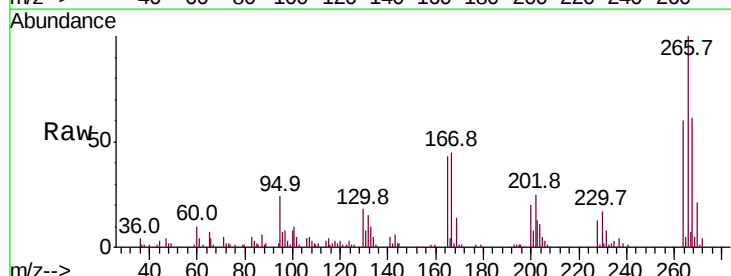
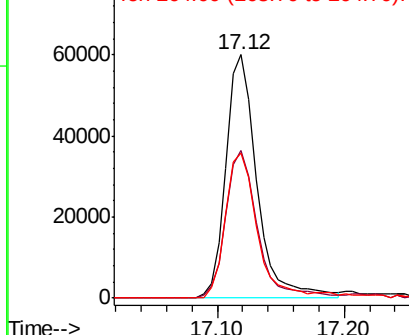
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	55.0	82.6
264	64.4	58.9	88.3

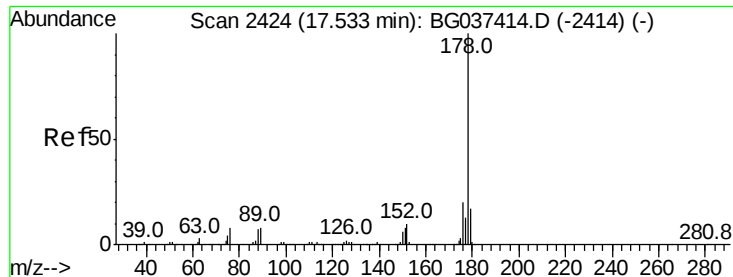
Abundance

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





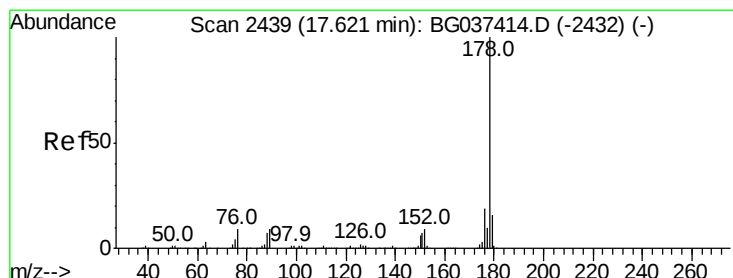
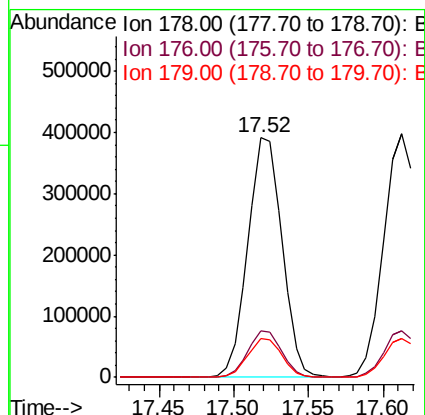
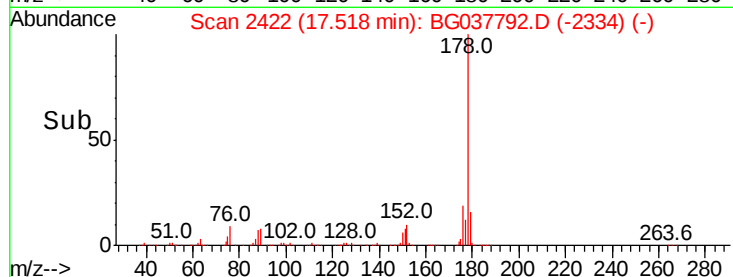
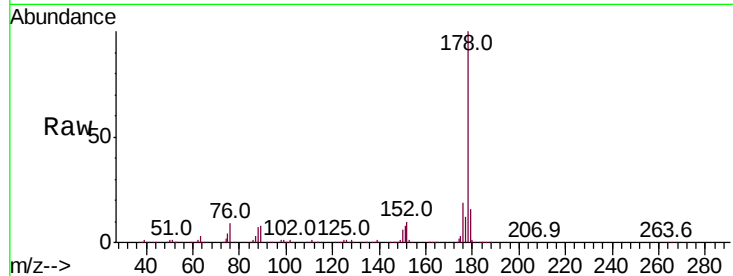
#71
Phenanthrene
Concen: 31.164 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	16.4	13.0	19.4

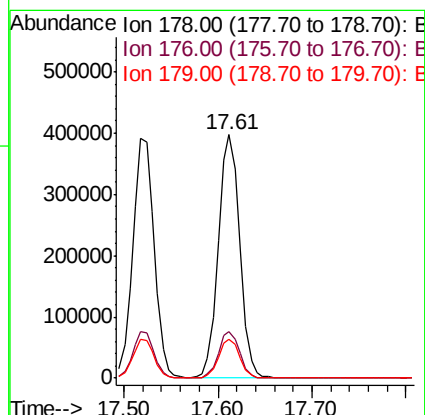
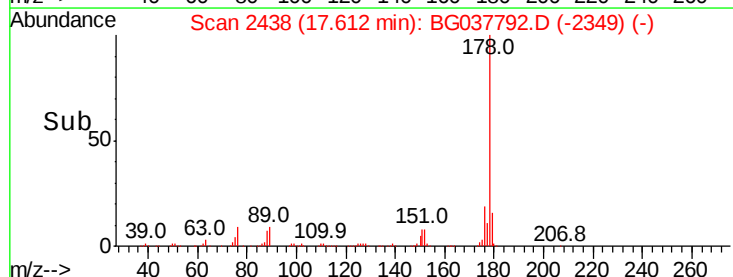
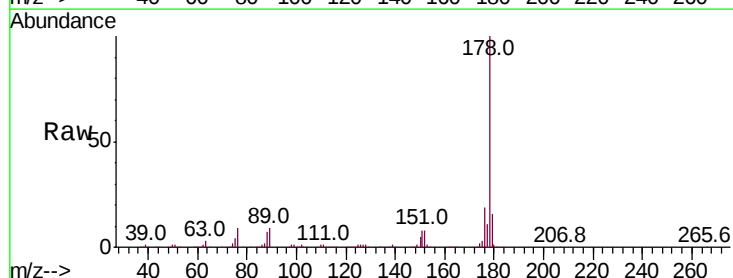
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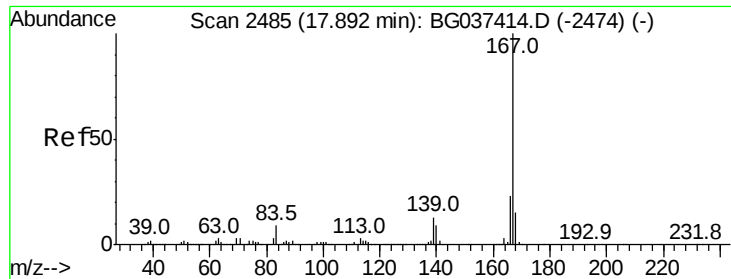
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#72
Anthracene
Concen: 32.584 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.1	12.8	19.2





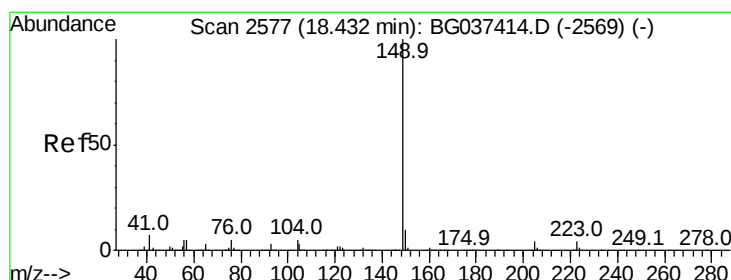
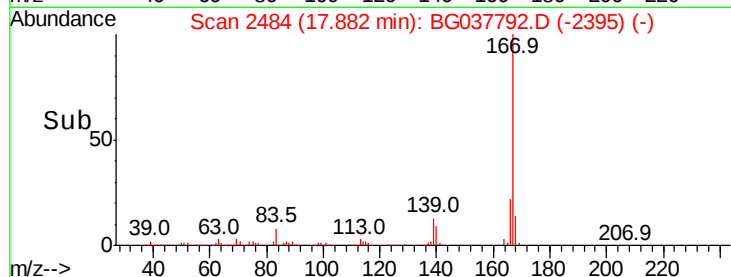
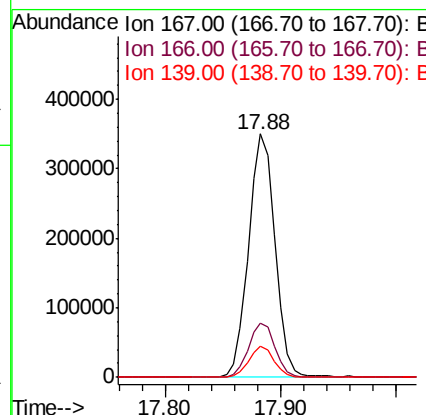
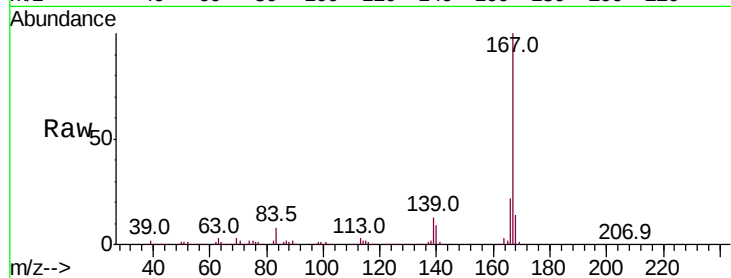
#73
 Carbazole
 Concen: 28.656 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tot Ion:	167	Resp:	558269
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.3	27.5
139	12.6	10.5	15.7

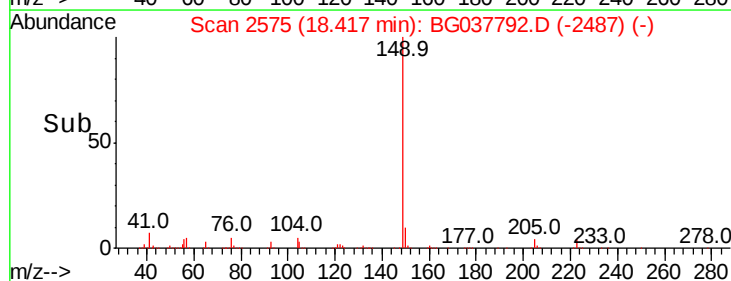
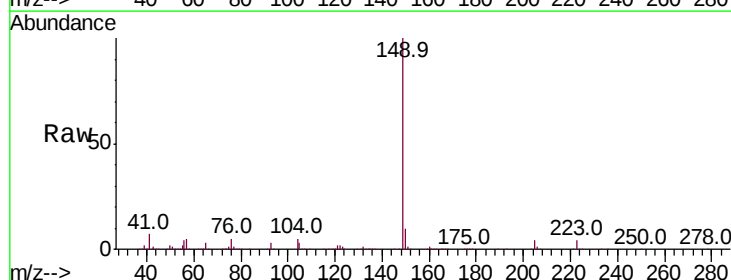
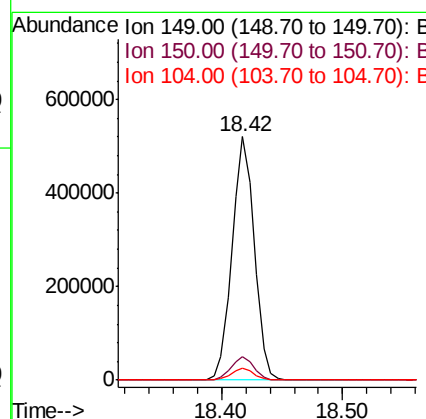
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#74
 Di-n-butylphthalate
 Concen: 30.719 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion:	149	Resp:	665720
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.2	12.2
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 31.579 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

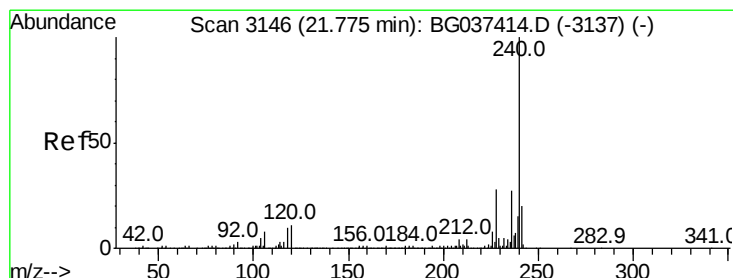
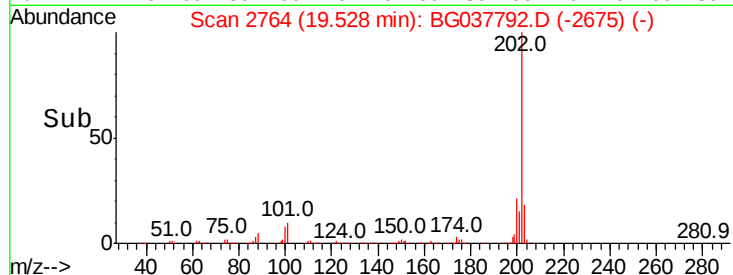
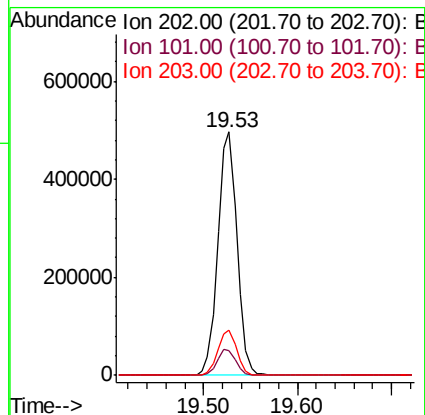
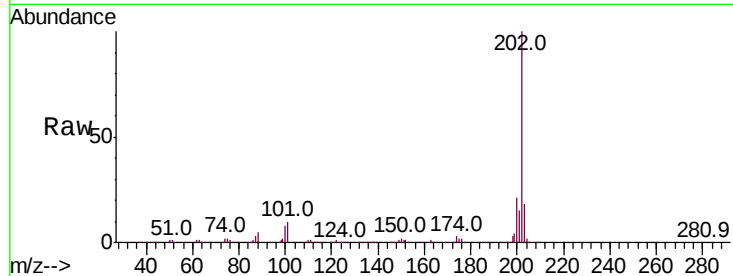
ClientSampleId :

PB114440BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	710796		
101	10.1	0.0	30.7	
203	18.4	0.0	38.5	

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#76

Chrysene-d12

Concen: 20.000 ng

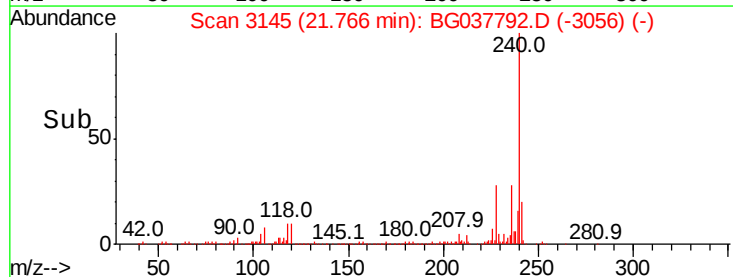
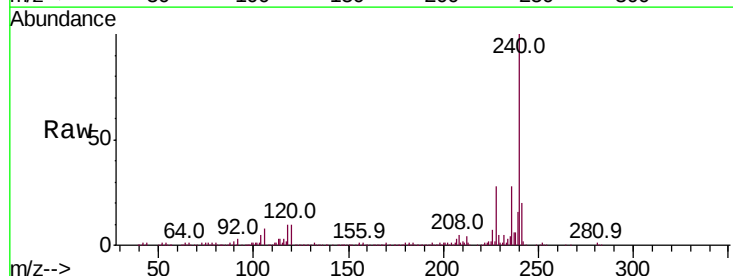
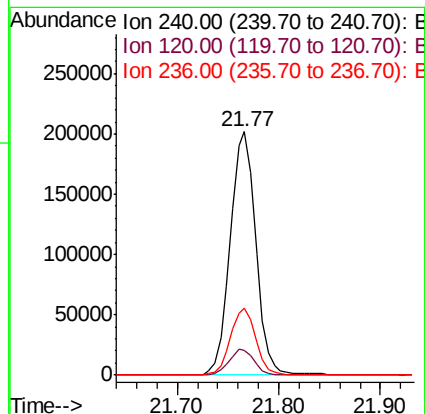
RT: 21.77 min Scan# 3145

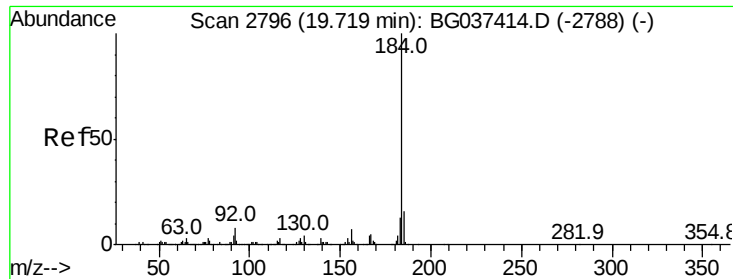
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	353894		
120	10.4	8.1	12.1	
236	27.7	21.4	32.0	





#77

Benzidine

Concen: 12.033 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

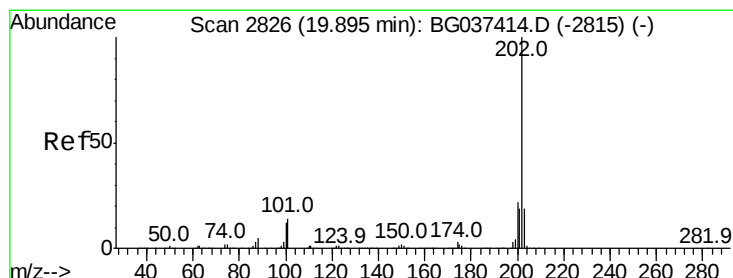
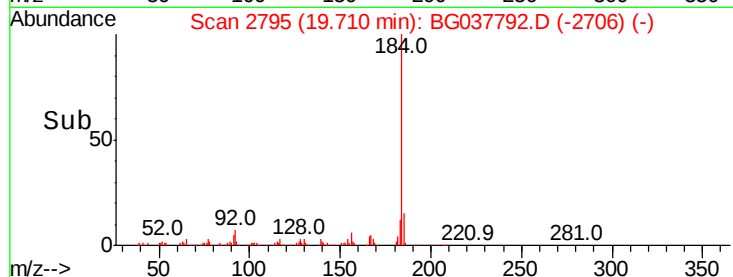
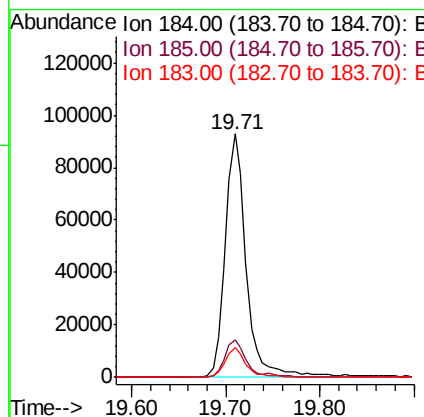
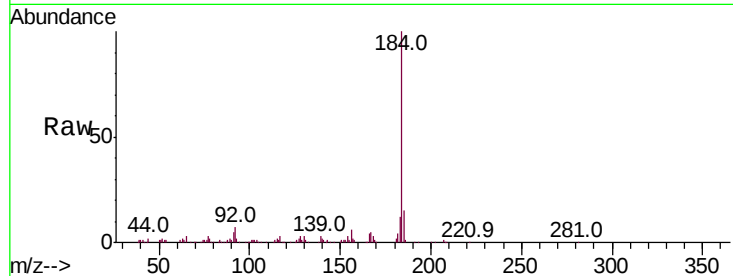
ClientSampleId :

PB114440BS

Tot Ion:	184	Resp:	144801
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	12.2	10.2	15.2

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#78

Pyrene

Concen: 31.129 ng

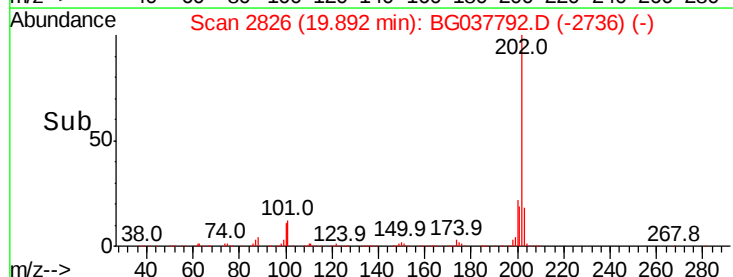
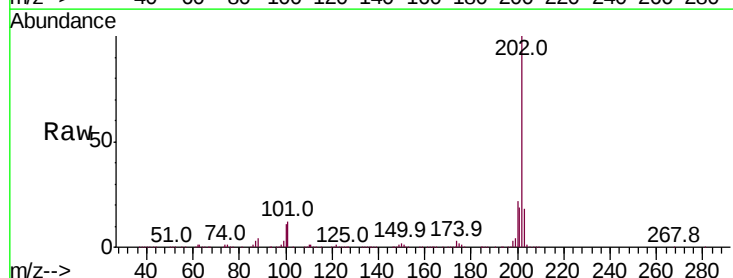
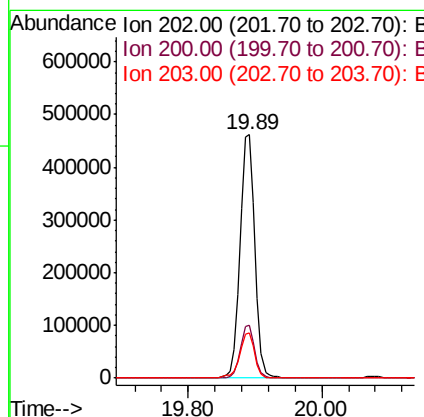
RT: 19.89 min Scan# 2826

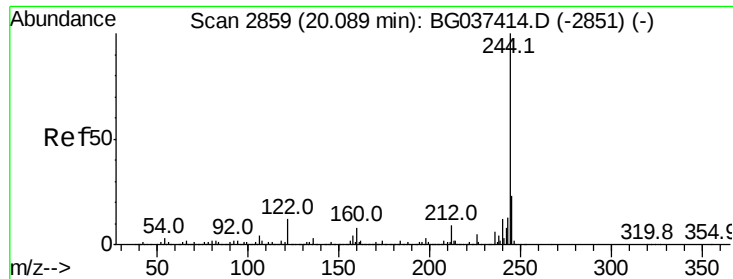
Delta R.T. -0.00 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	202	Resp:	720163
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	18.5	15.2	22.8





#79

Terphenyl-d14

Concen: 58.007 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

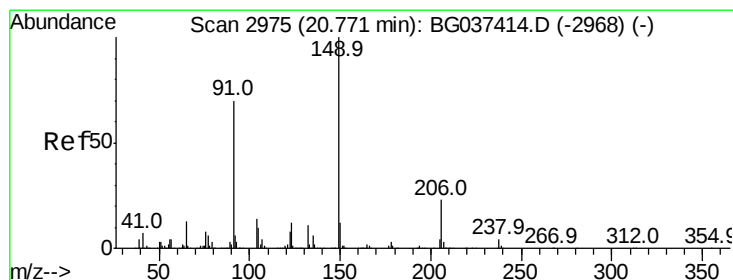
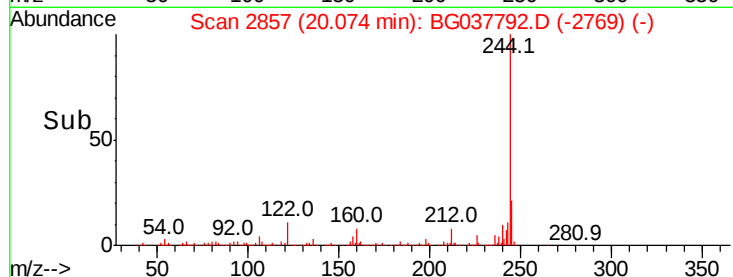
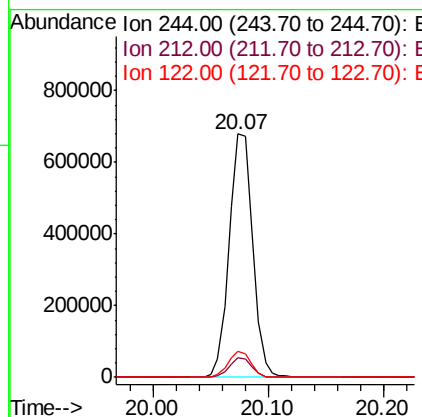
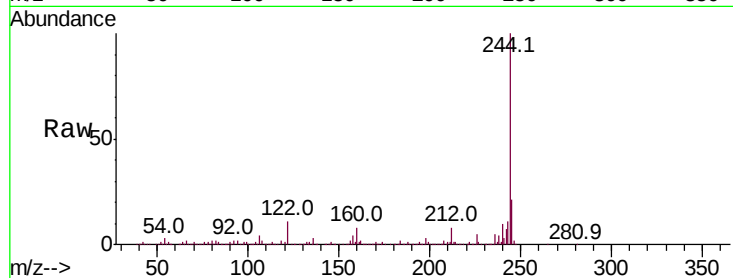
ClientSampleId :

PB114440BS

Tot Ion:	244	Resp:	960719
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	10.7	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 31.423 ng

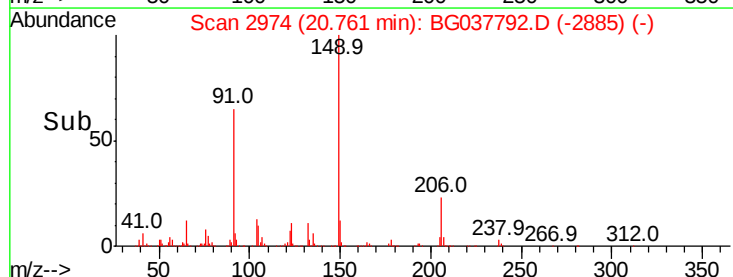
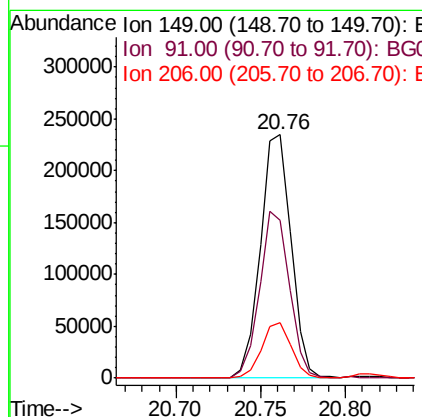
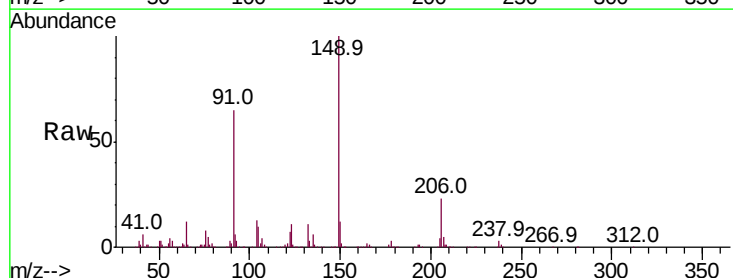
RT: 20.76 min Scan# 2974

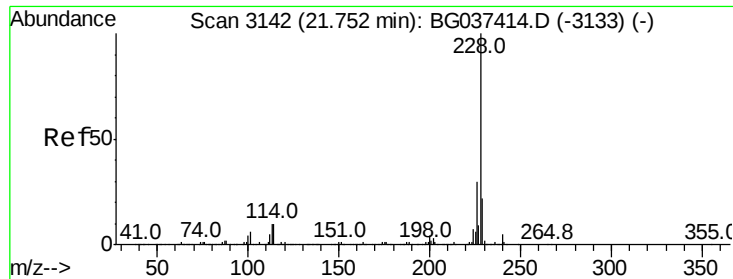
Delta R.T. -0.01 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	149	Resp:	297513
Ion Ratio	Lower	Upper	
149	100		
91	65.0	57.0	85.4
206	22.8	17.8	26.6





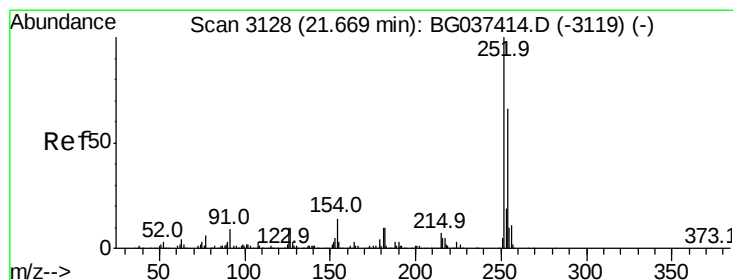
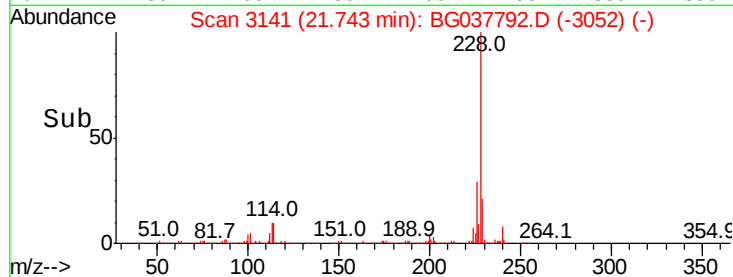
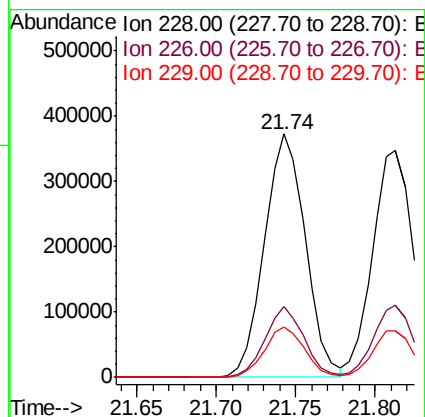
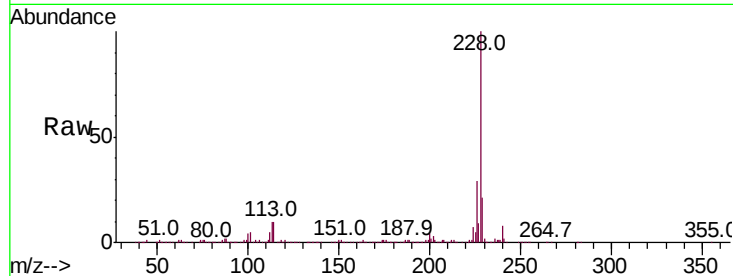
#81
Benzo(a)anthracene
Concen: 32.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.9	16.3	24.5

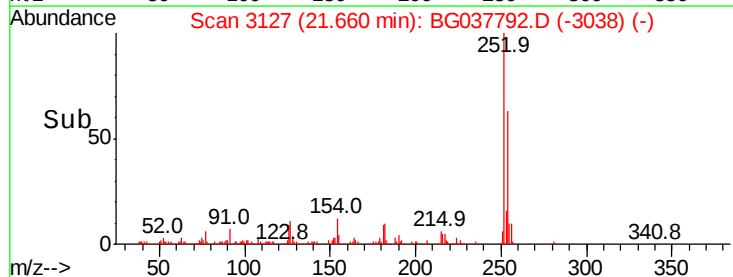
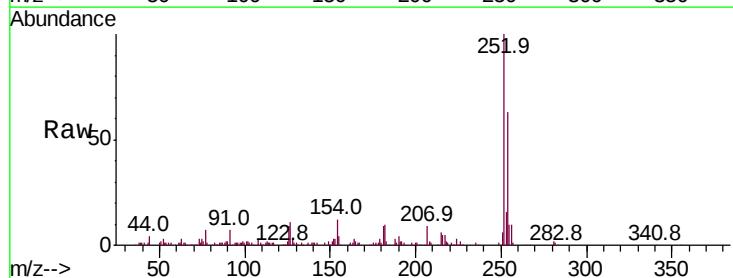
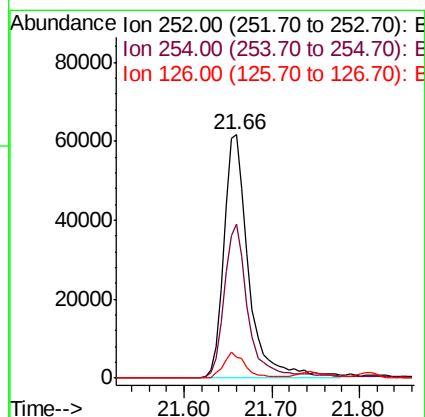
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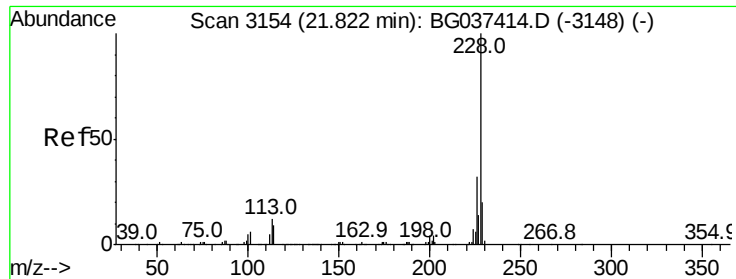
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#82
3,3'-Dichlorobenzidine
Concen: 14.855 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.0	78.0
126	8.5	8.2	12.4





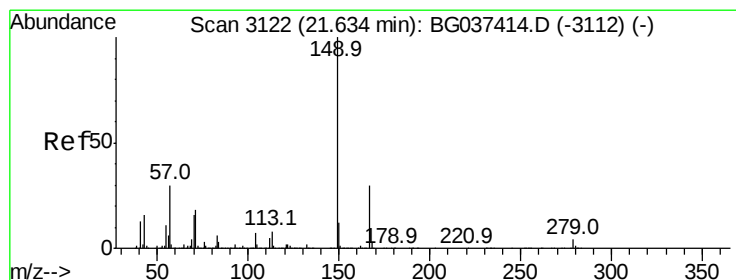
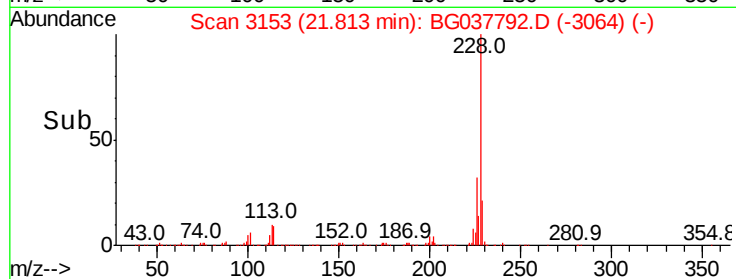
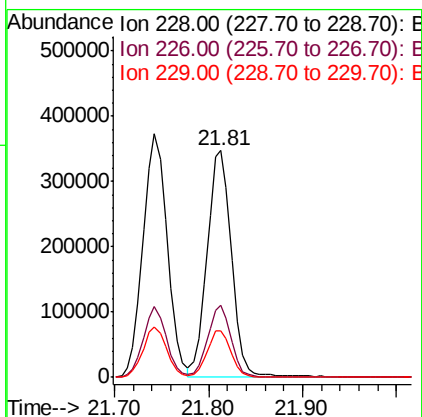
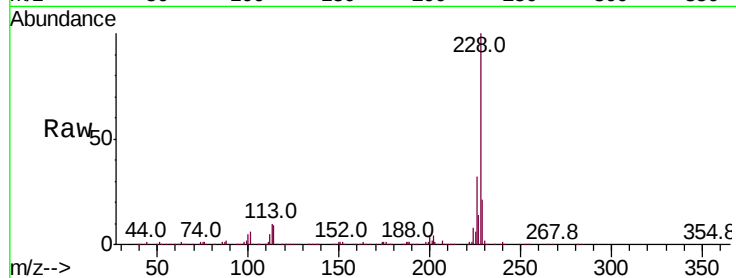
#83
 Chrvsene
 Concen: 31.199 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	20.7	16.5	24.7

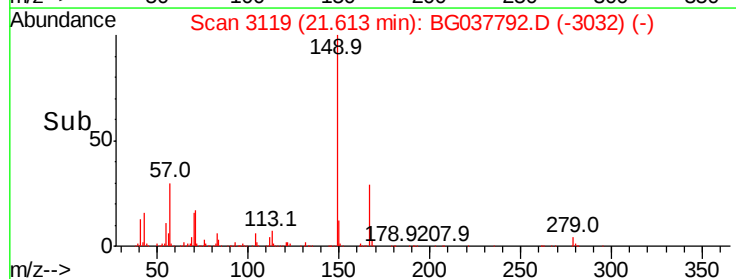
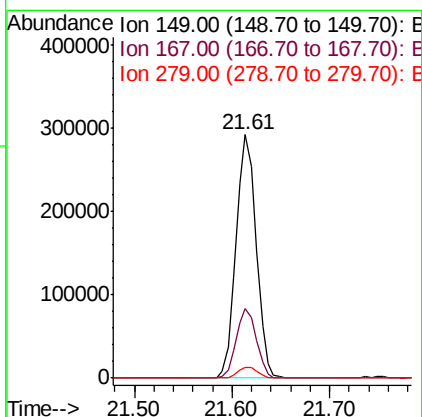
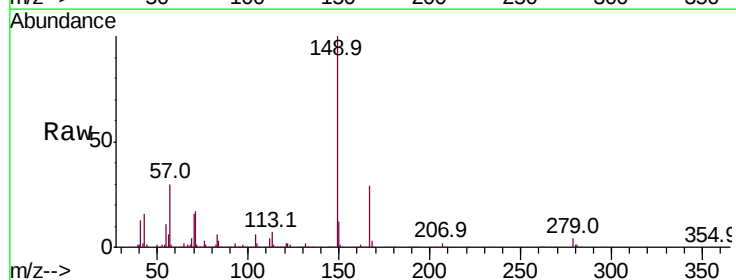
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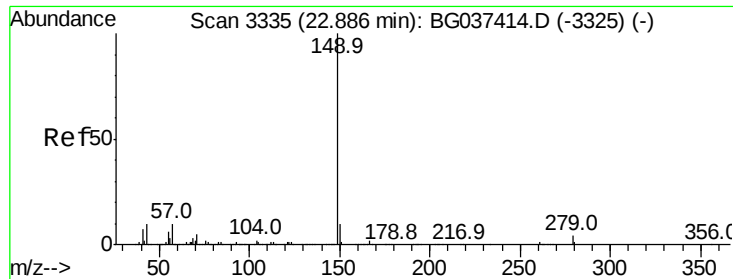
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.718 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BG037792.D
 Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 32.936 ng

RT: 22.86 min Scan# 3331

Delta R.T. -0.03 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

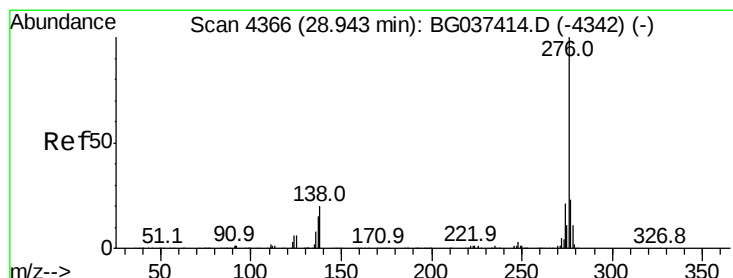
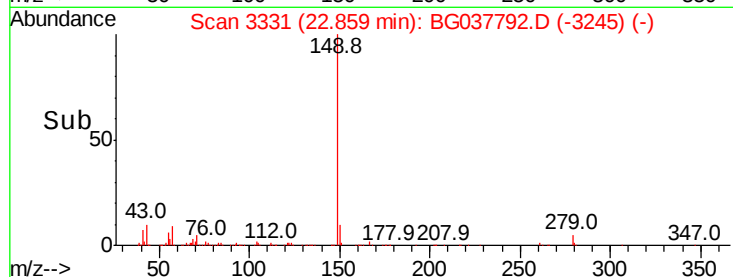
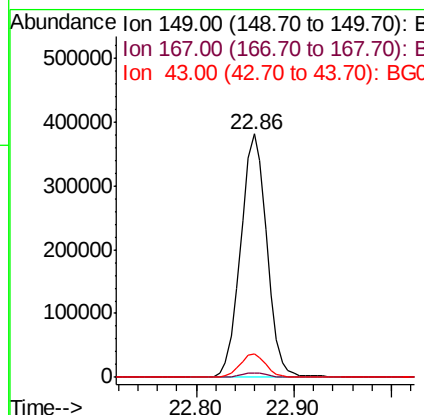
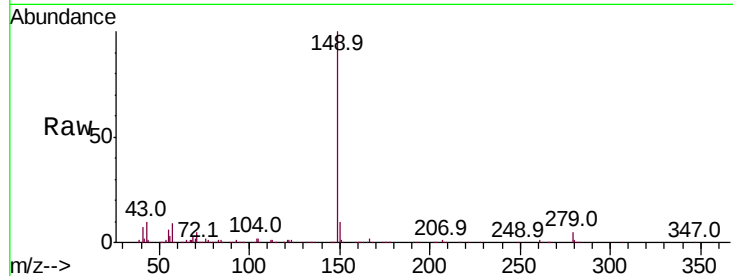
ClientSampleID :

PB114440BS

Tot Ion:	149	Resp:	712781
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.5	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 25.671 ng

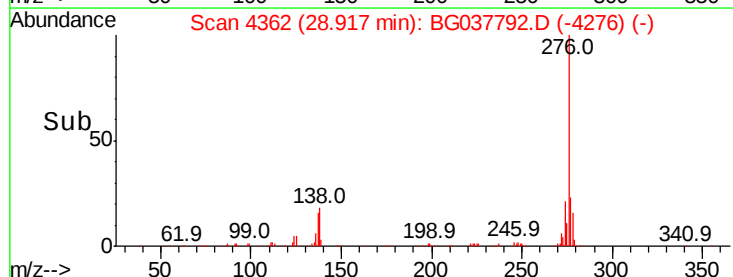
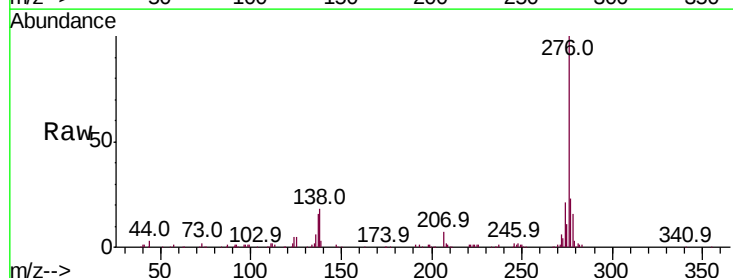
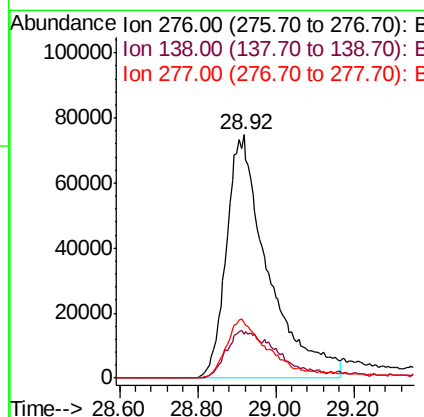
RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	276	Resp:	554192
Ion Ratio	Lower	Upper	
276	100		
138	14.9	12.0	18.0
277	24.3	20.6	30.8





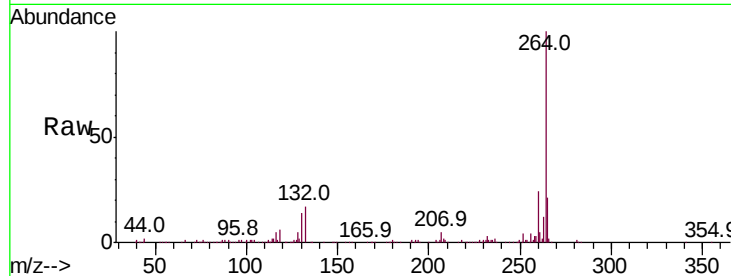
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

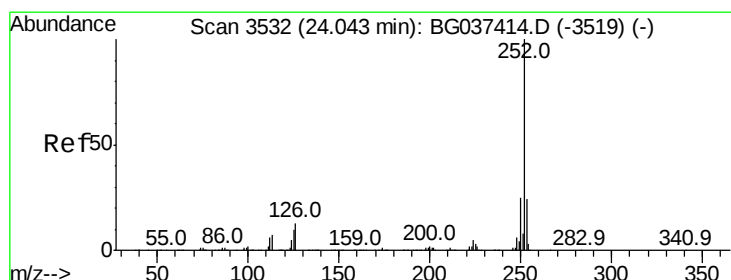
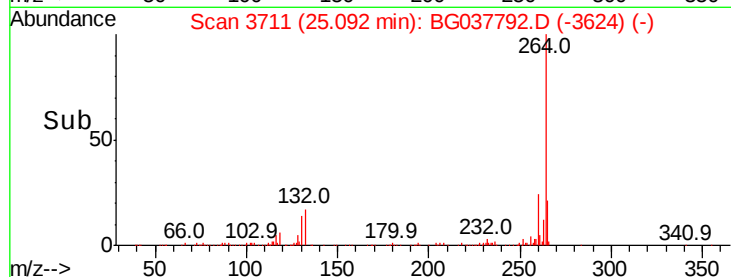
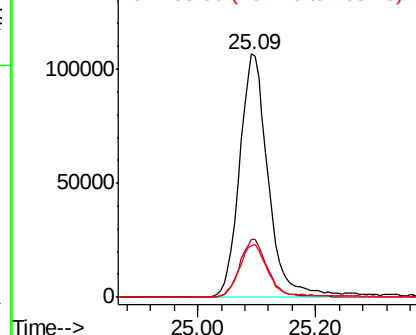
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.3	17.9	26.9

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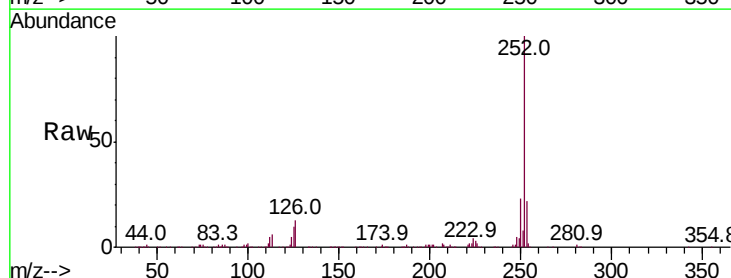


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

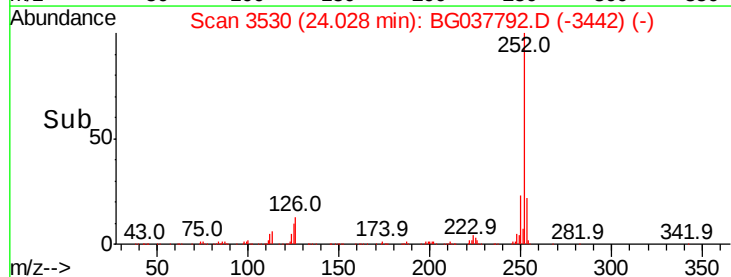
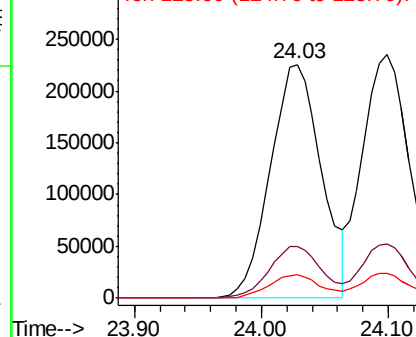


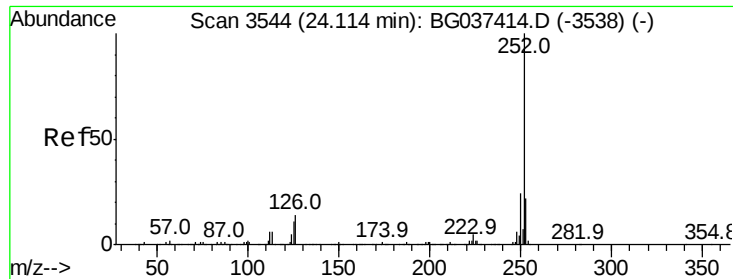
#88
Benzo(b)fluoranthene
Concen: 32.018 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.2	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





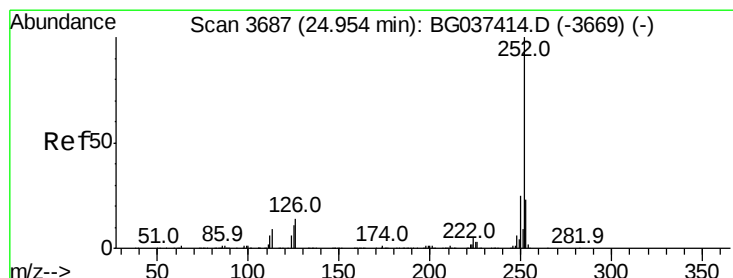
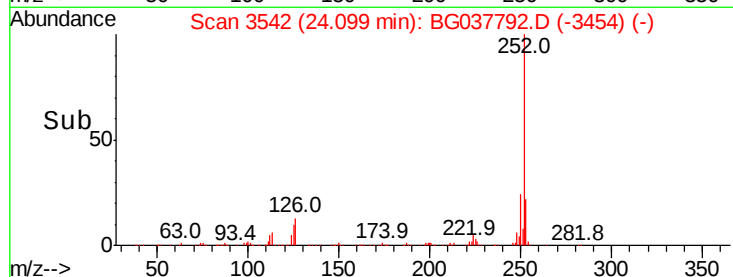
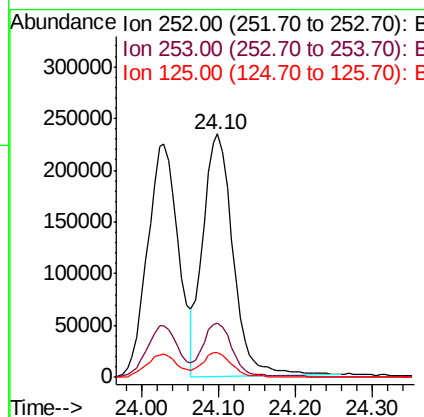
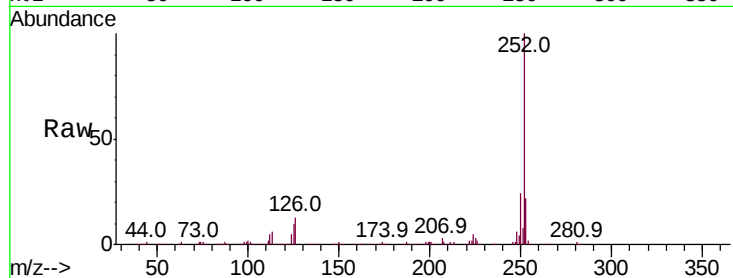
#89
Benzo(k)fluoranthene
Concen: 32.694 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Instrument :
BNA_G
ClientSampleId :
PB114440BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.3	7.4	11.0

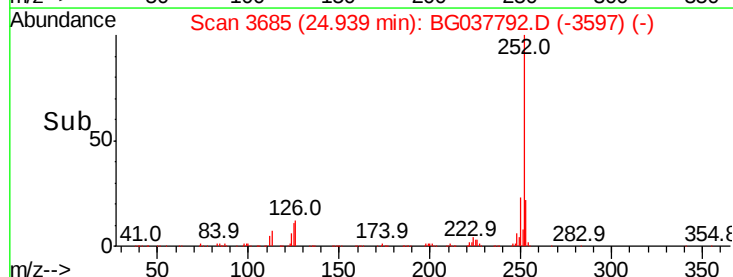
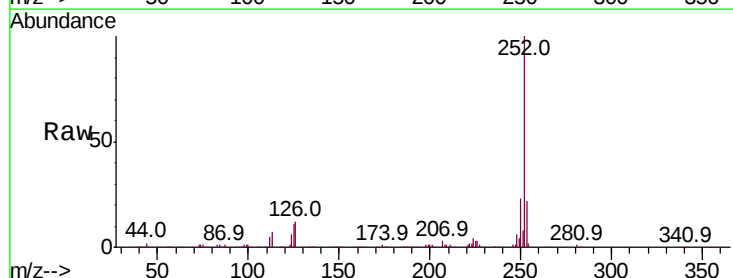
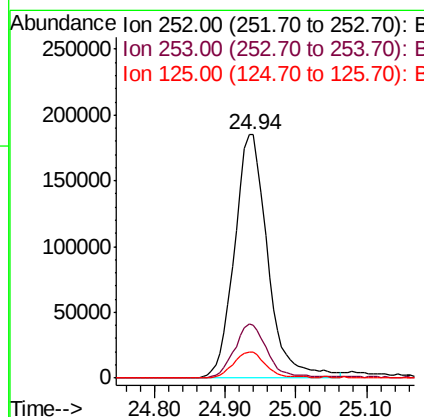
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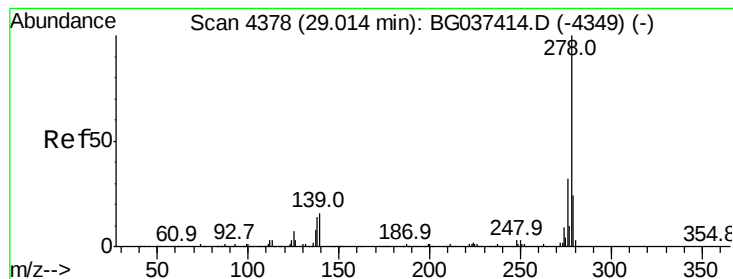
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#90
Benzo(a)pyrene
Concen: 32.044 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037792.D
Acq: 3 Nov 2018 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.8	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 25.772 ng

RT: 28.98 min Scan# 4373

Delta R.T. -0.03 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Instrument :

BNA_G

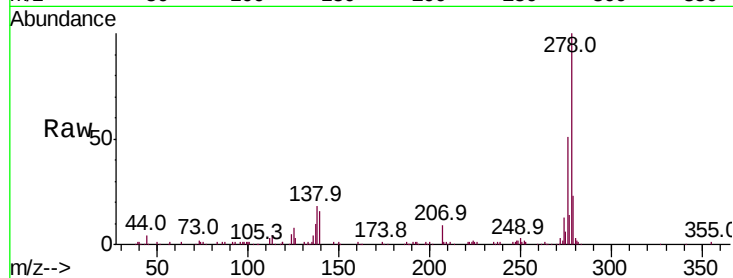
ClientSampleId :

PB114440BS

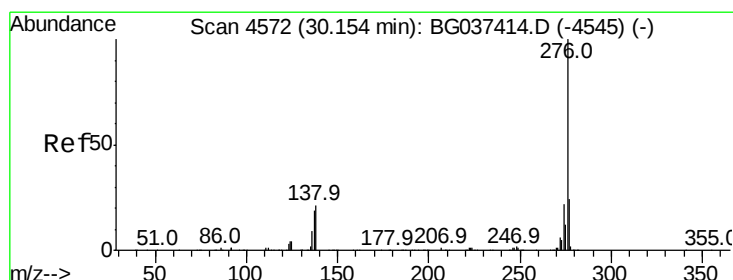
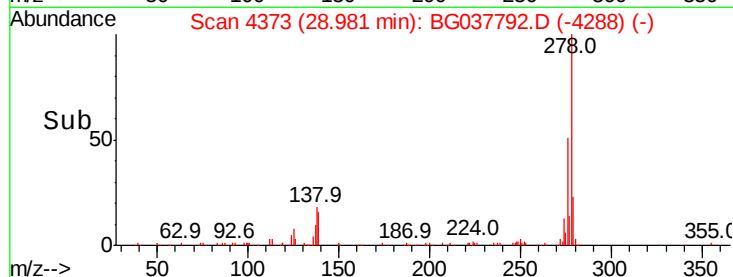
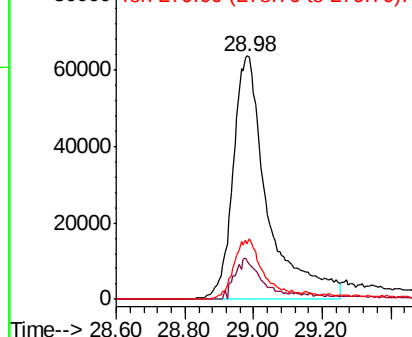
Tot Ion:	278	Resp:	446075
Ion Ratio	Lower	Upper	
278	100		
139	16.0	11.5	17.3
279	22.9	18.6	27.8

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 25.418 ng

RT: 30.11 min Scan# 4565

Delta R.T. -0.04 min

Lab File: BG037792.D

Acq: 3 Nov 2018 15:36

Tgt Ion:	276	Resp:	445099
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	22.3	17.2	25.8

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

