

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037476.D
 Acq On : 23 Oct 2018 14:54
 Operator : JU/SJ
 Sample : PB114082BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Manual Integrations
 APPROVED

Sohil
 10/24/2018 10:55:59 AM

Quant Time: Oct 24 04:51:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	75197	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	353754	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	231020	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	539995	20.00	ng	0.00
76) Chrysene-d12	21.77	240	472138	20.00	ng	0.00
87) Perylene-d12	25.11	264	487926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	665472	147.95	ng	0.00
7) Phenol-d6	7.25	99	934215	137.36	ng	0.00
23) Nitrobenzene-d5	9.29	82	484455	76.72	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	322949	128.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1148334	74.96	ng	0.00
79) Terphenyl-d14	20.09	244	1348821	61.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	55326	24.255	ng	96
3) Pyridine	3.93	79	154338	26.846	ng	98
4) n-Nitrosodimethylamine	3.85	42	91973	44.915	ng	# 93
6) Aniline	7.43	93	327479	39.469	ng	98
8) 2-Chlorophenol	7.67	128	242607	46.107	ng	98
9) Benzaldehyde	7.25	77	120289	28.274	ng	93
10) Phenol	7.28	94	320329	44.639	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	223168	40.947	ng	96
12) 1,3-Dichlorobenzene	7.99	146	228163	38.950	ng	98
13) 1,4-Dichlorobenzene	8.14	146	232093	38.734	ng	98
14) 1,2-Dichlorobenzene	8.46	146	228879	39.709	ng	98
15) Benzyl Alcohol	8.35	79	220694	43.915	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	412986	42.349	ng	98
17) 2-Methylphenol	8.54	107	217735	45.895	ng	99
18) Hexachloroethane	9.19	117	81410	39.853	ng	89
19) n-Nitroso-di-n-propylamine	8.92	70	188669	40.284	ng	96
20) 3+4-Methylphenols	8.87	107	303927	44.807	ng	99
22) Acetophenone	8.94	105	356311	40.161	ng	# 99
24) Nitrobenzene	9.33	77	268806	40.975	ng	96
25) Isophorone	9.85	82	534918	46.360	ng	97
26) 2-Nitrophenol	10.04	139	116475	39.412	ng	100
27) 2,4-Dimethylphenol	10.08	122	256483	48.607	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	321169	42.484	ng	98
29) 2,4-Dichlorophenol	10.57	162	253045	43.071	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	251018	39.289	ng	95
31) Naphthalene	10.98	128	737202	42.428	ng	99
32) Benzoic acid	10.23	122	148215	43.246	ng	97
33) 4-Chloroaniline	11.09	127	219901	26.935	ng	97
34) Hexachlorobutadiene	11.24	225	142927	37.745	ng	96
35) Caprolactam	11.88	113	97022m	41.176	ng	
36) 4-Chloro-3-methylphenol	12.19	107	280740	42.371	ng	96
37) 2-Methylnaphthalene	12.58	142	562849	44.438	ng	99
38) 1-Methylnaphthalene	12.79	142	533819	43.398	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	283854	38.093	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	338281	95.037	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	211733	42.531	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	229606	42.361	nq	99
46) 1,1'-Biphenyl	13.58	154	724717	37.879	nq	99
47) 2-Chloronaphthalene	13.62	162	568727	39.292	nq	99
48) 2-Nitroaniline	13.83	65	184011	41.922	nq	96
49) Acenaphthylene	14.47	152	930301	42.726	nq	99
50) Dimethylphthalate	14.19	163	735650	41.162	nq	100
51) 2,6-Dinitrotoluene	14.32	165	163631	41.387	nq	98
52) Acenaphthene	14.81	154	547253	40.810	nq	97
53) 3-Nitroaniline	14.65	138	144815	32.994	nq	# 96
54) 2,4-Dinitrophenol	14.86	184	147304	82.347	nq	98
55) Dibenzofuran	15.14	168	870322	39.173	nq	98
56) 4-Nitrophenol	14.95	139	288070	88.669	nq	99
57) 2,4-Dinitrotoluene	15.10	165	229671	44.254	nq	97
58) Fluorene	15.79	166	706902	42.488	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	200638	43.233	nq	98
60) Diethylphthalate	15.55	149	749506	40.848	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	369205	38.072	nq	98
62) 4-Nitroaniline	15.82	138	186947	42.865	nq	92
63) Azobenzene	16.07	77	714189	40.795	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	112819	41.265	nq	97
66) n-Nitrosodiphenylamine	15.99	169	648096	39.900	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	236290	39.846	nq	99
68) Hexachlorobenzene	16.78	284	235194	38.268	nq	99
69) Atrazine	16.94	200	248161	42.256	nq	99
70) Pentachlorophenol	17.13	266	292008	70.932	nq	98
71) Phenanthrene	17.53	178	1144464	41.701	nq	97
72) Anthracene	17.62	178	1167739	43.358	nq	97
73) Carbazole	17.89	167	1075033	39.904	nq	99
74) Di-n-butylphthalate	18.43	149	1262236	42.118	nq	98
75) Fluoranthene	19.53	202	1330336	42.739	nq	97
77) Benzidine	19.72	184	654472	40.767	nq	99
78) Pyrene	19.90	202	1269621	41.136	nq	98
80) Butylbenzylphthalate	20.77	149	563593	44.618	nq	100
81) Benzo(a)anthracene	21.76	228	1217681	43.603	nq	97
82) 3,3'-Dichlorobenzidine	21.67	252	353371	32.645	nq	98
83) Chrysene	21.83	228	1135895	42.300	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	792531	44.761	nq	97
85) Di-n-octyl phthalate	22.88	149	1332008	46.134	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1340934	46.557	nq	# 90
88) Benzo(b)fluoranthene	24.05	252	1226037	45.833	nq	98
89) Benzo(k)fluoranthene	24.12	252	1137199m	43.392	nq	
90) Benzo(a)pyrene	24.96	252	1176804	46.297	nq	99
91) Dibenzo(a,h)anthracene	29.02	278	1086991	46.360	nq	96
92) Benzo(g,h,i)perylene	30.16	276	1109559	46.775	nq	99

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

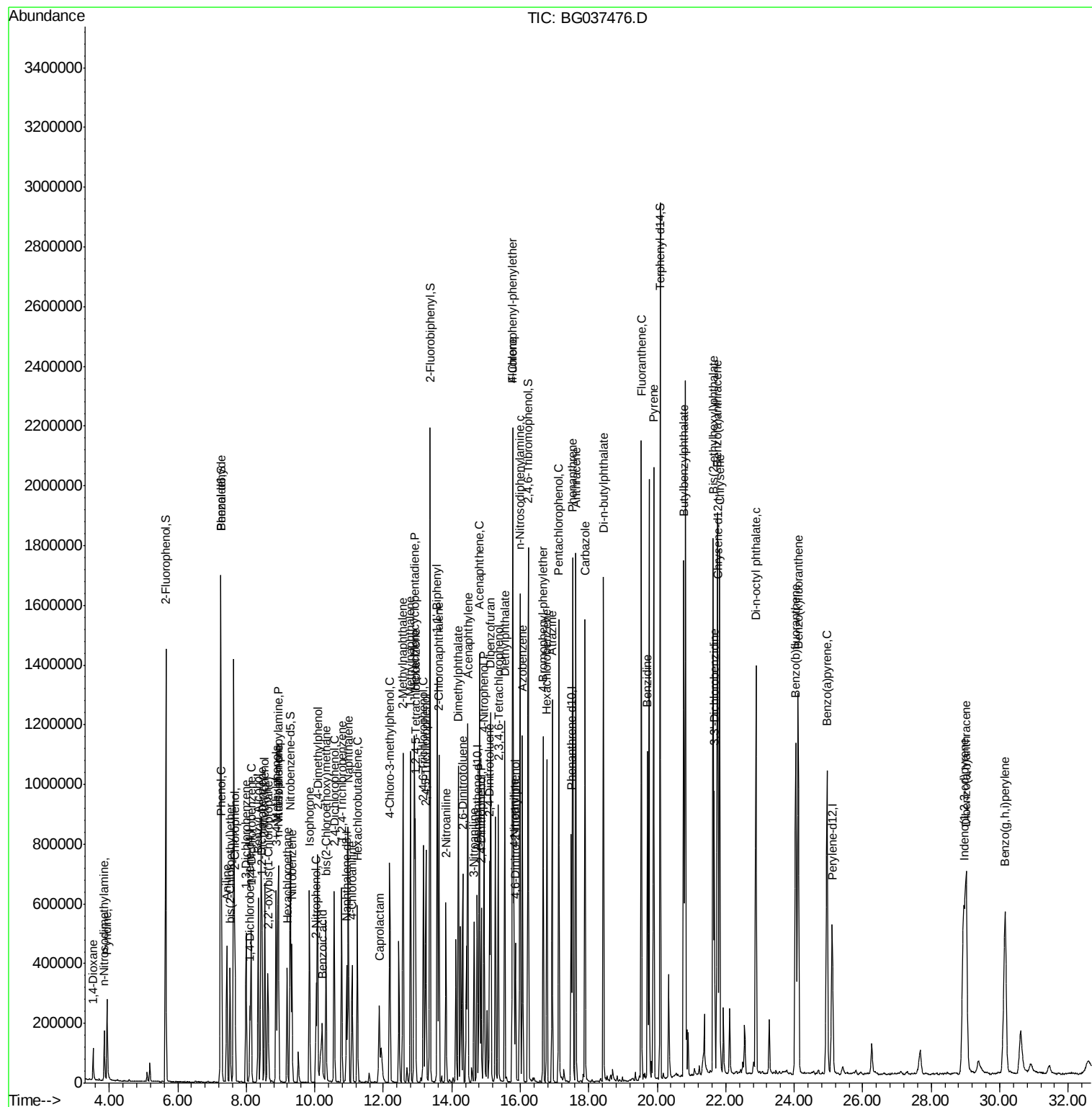
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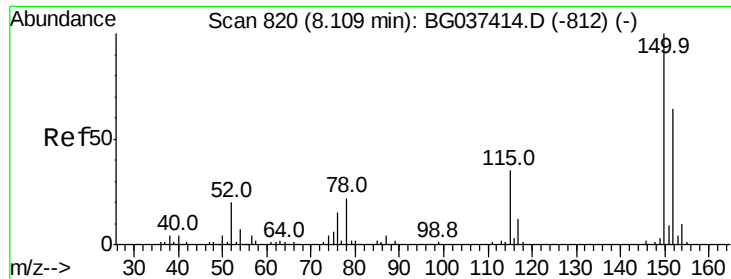
Instrument :
BNA_G
ClientSampled :
PB114082BS

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#1

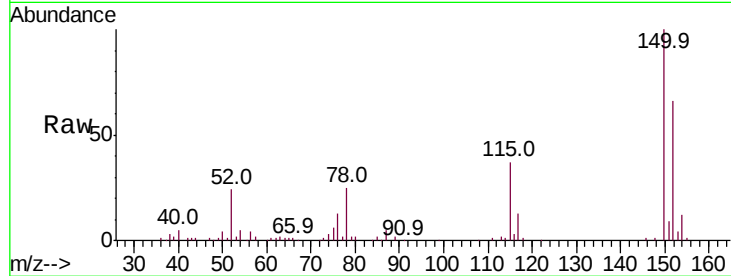
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.0	189.0
115	55.5	45.5	68.3

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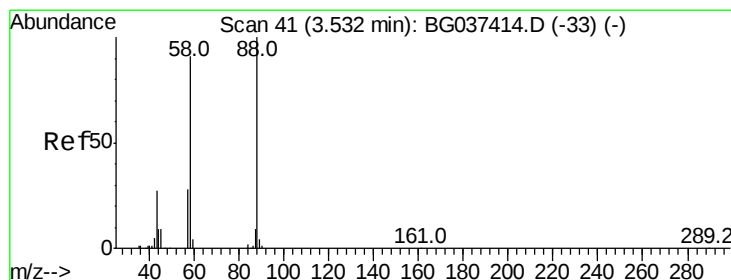
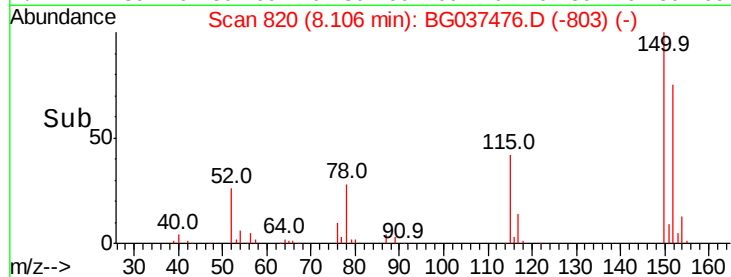
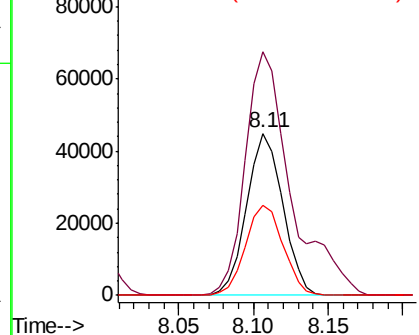


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

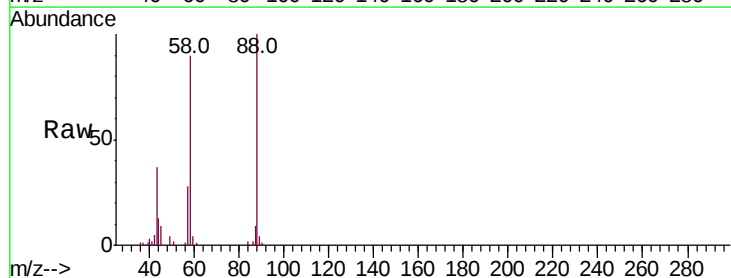
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.255 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	74.4	111.6
43	38.4	25.8	38.8

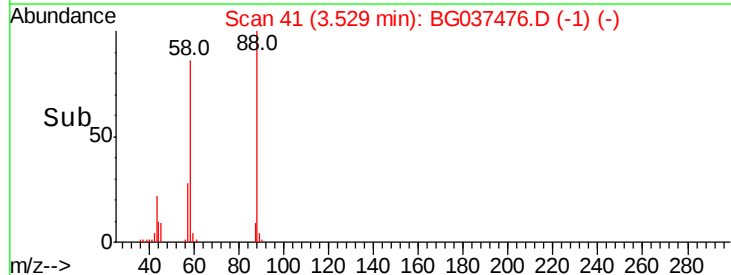
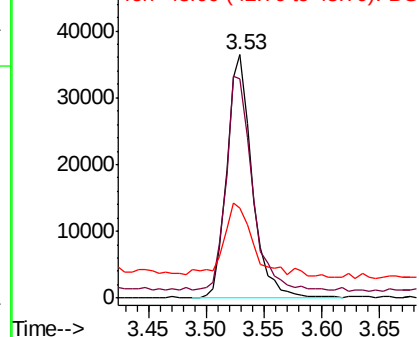


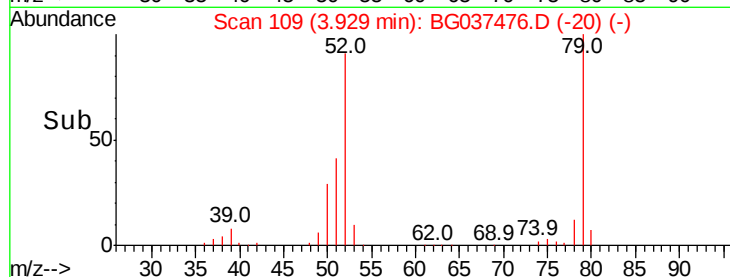
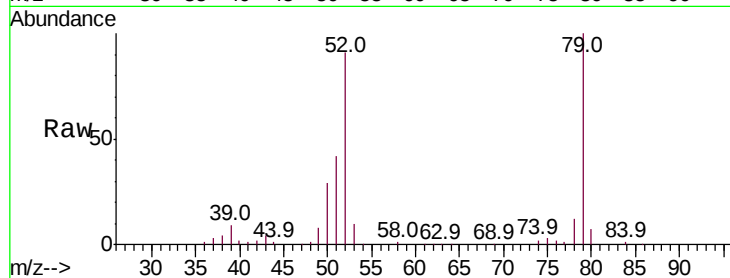
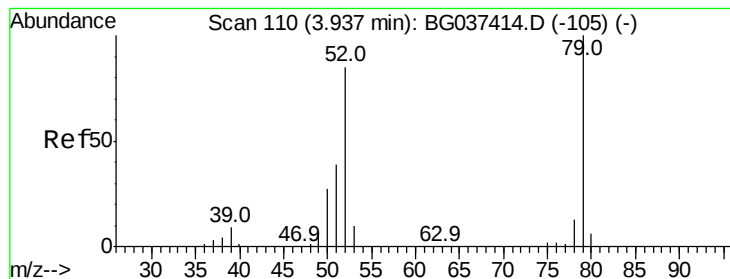
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.846 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tot Ion:	79	Resp:	154338
Ion Ratio	Lower	Upper	
79	100		
52	91.0	74.2	111.2
51	41.6	34.6	51.8

Instrument :

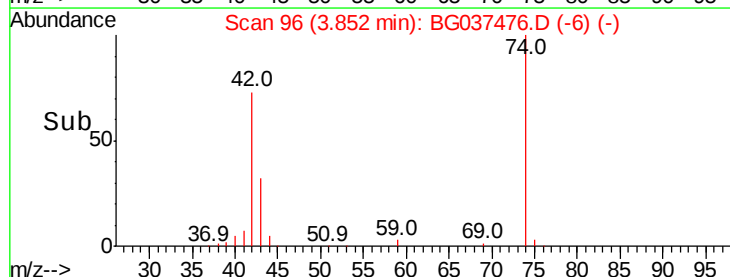
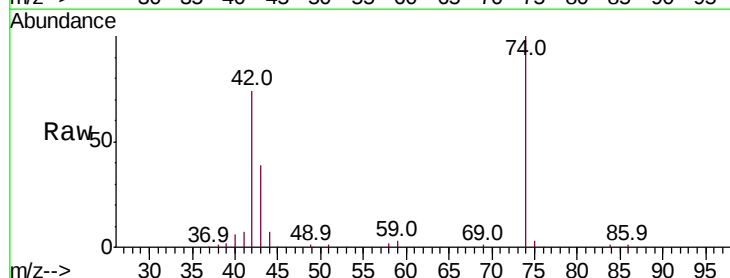
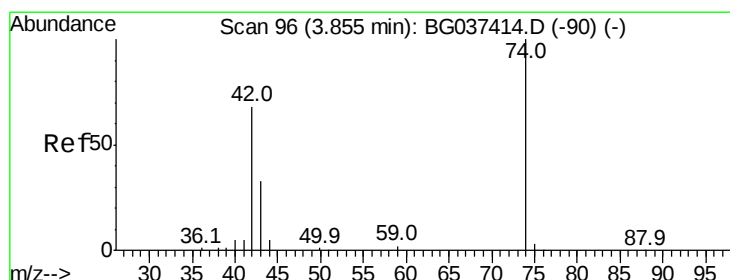
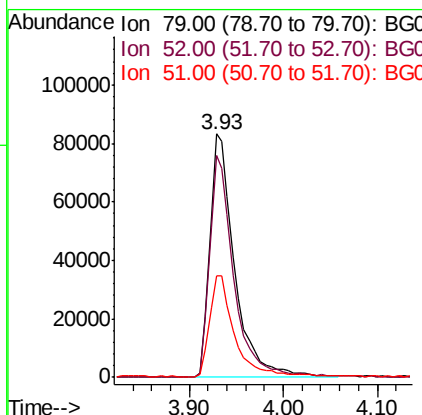
BNA_G

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#4

n-Nitrosodimethylamine

Concen: 44.915 ng

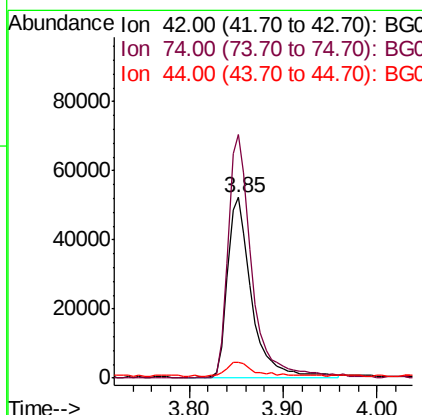
RT: 3.85 min Scan# 96

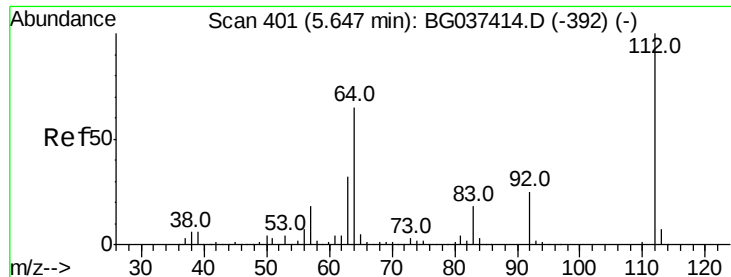
Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	42	Resp:	91973
Ion Ratio	Lower	Upper	
42	100		
74	135.0	102.0	153.0
44	9.0	9.6	14.4#





#5

2-Fluorophenol

Concen: 147.954 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

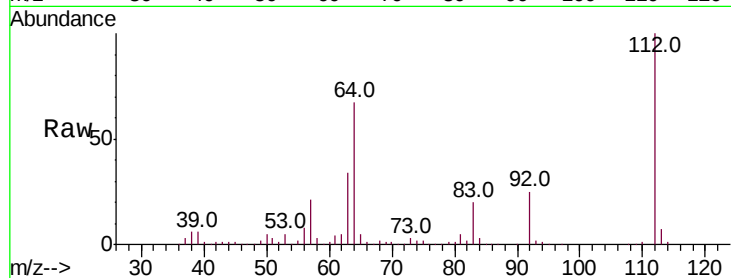
ClientSampleId :

PB114082BS

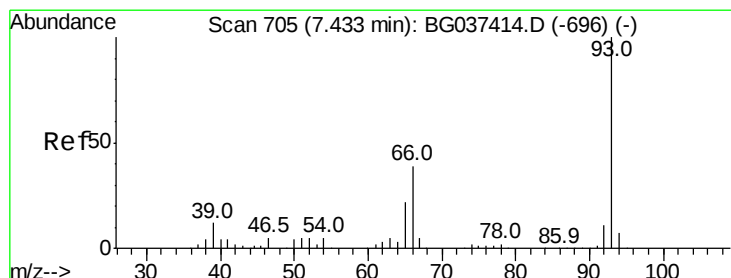
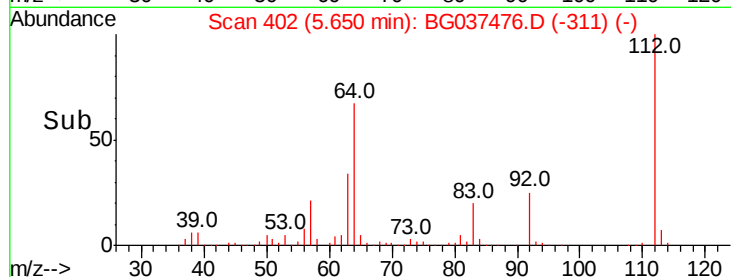
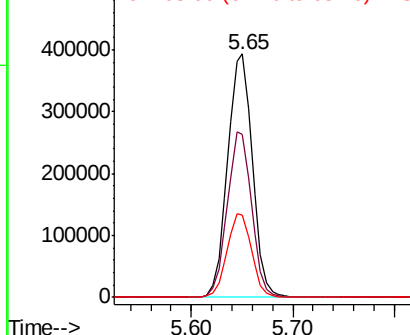
Tot Ion:	112	Resp:	665472
Ion Ratio	Lower	Upper	
112	100		
64	67.1	53.1	79.7
63	33.8	27.3	40.9

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



#6

Aniline

Concen: 39.469 ng

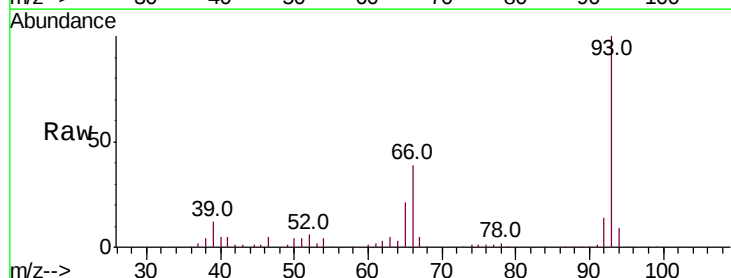
RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

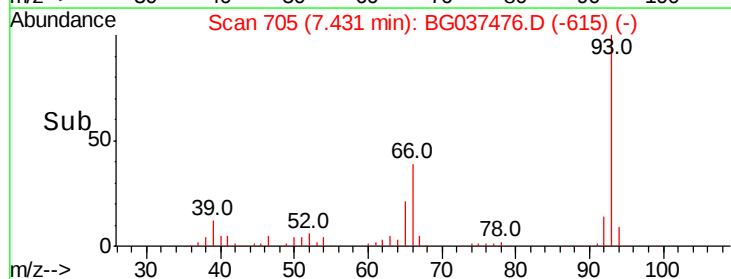
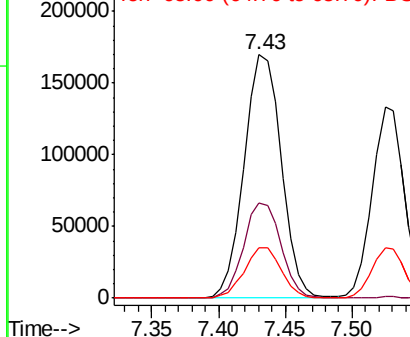
Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	93	Resp:	327479
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.8	49.2
65	20.9	16.4	24.6



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





#7

Phenol-d6

Concen: 137.359 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

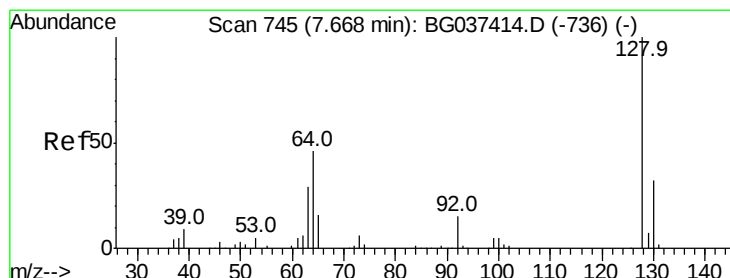
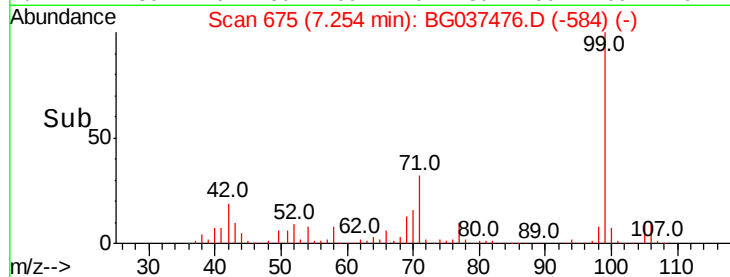
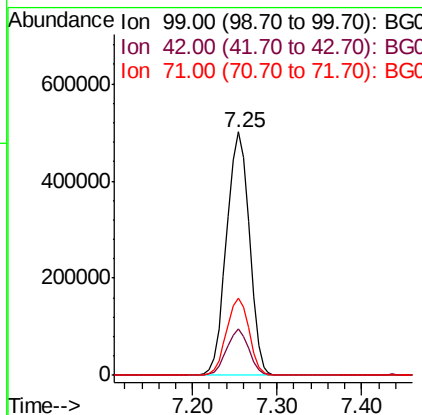
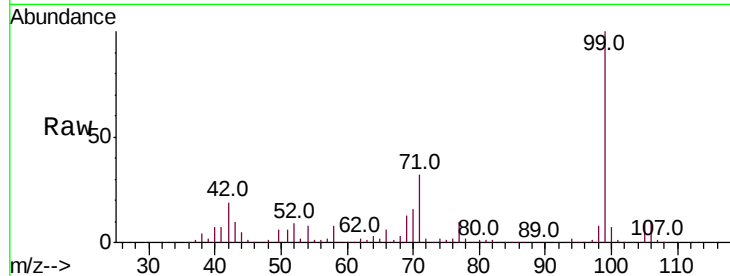
ClientSampleId :

PB114082BS

Tot Ion:	99	Resp:	934215
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.0	22.4
71	31.9	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.107 ng

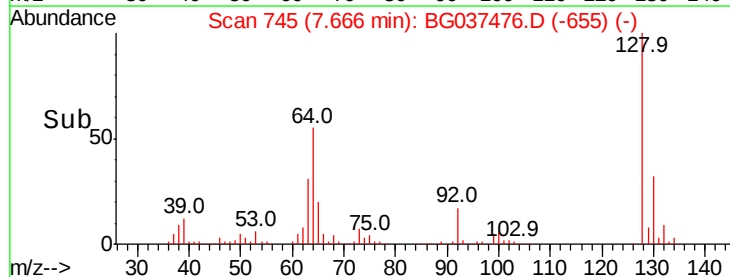
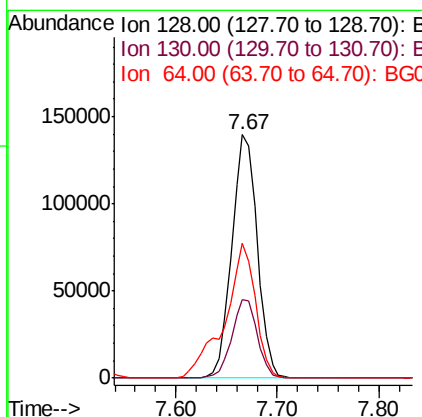
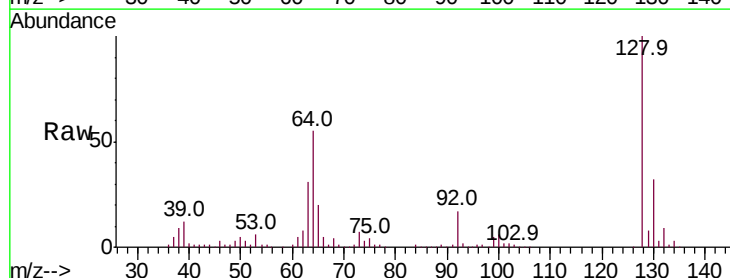
RT: 7.67 min Scan# 745

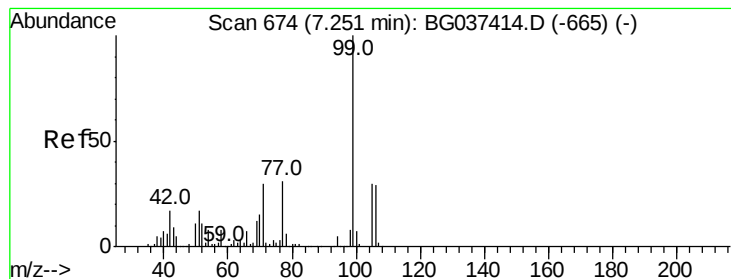
Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	128	Resp:	242607
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.0	52.0
64	55.2	32.9	72.9





#9

Benzaldehyde

Concen: 28.274 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PB114082BS

Tot Ion: 77 Resp: 120289

Ion Ratio Lower Upper

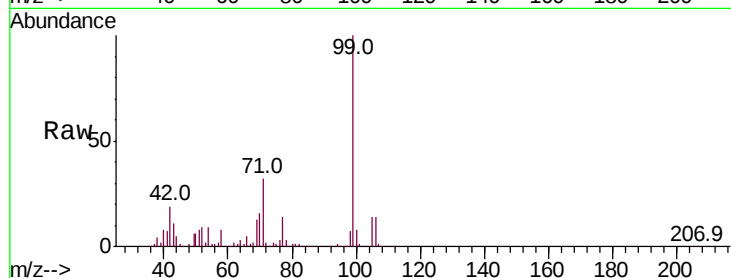
77 100

105 99.7 72.6 112.6

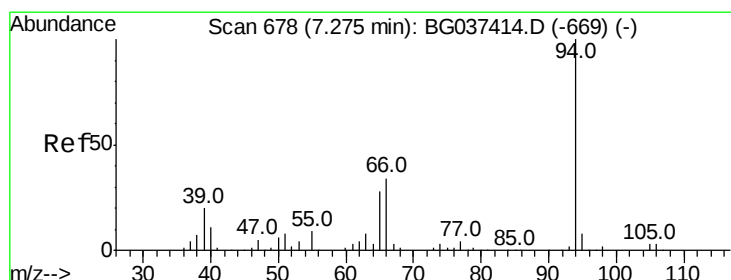
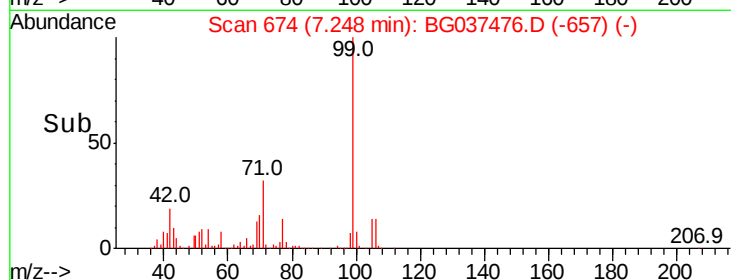
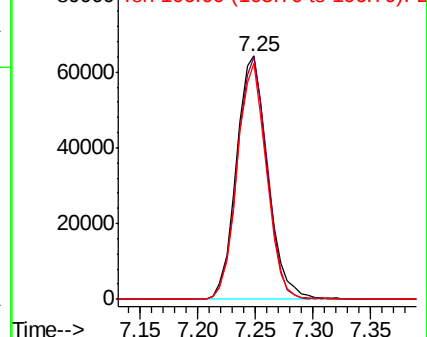
106 96.8 71.3 111.3

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



#10

Phenol

Concen: 44.639 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

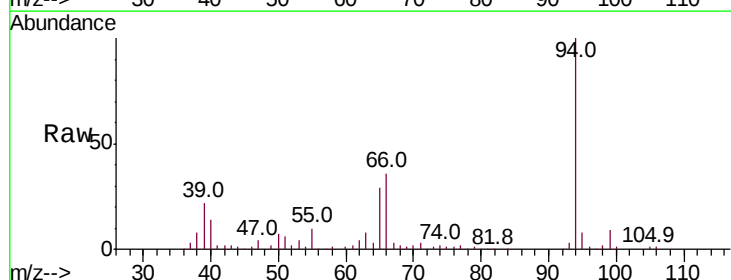
Tgt Ion: 94 Resp: 320329

Ion Ratio Lower Upper

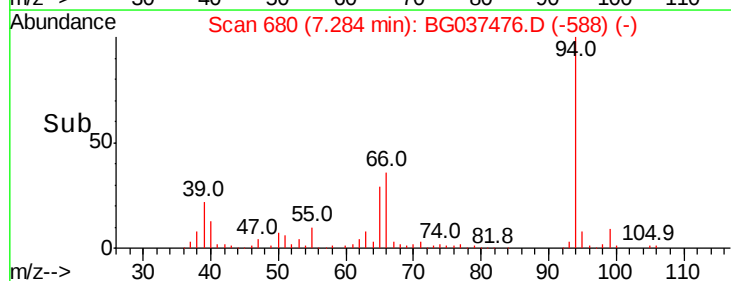
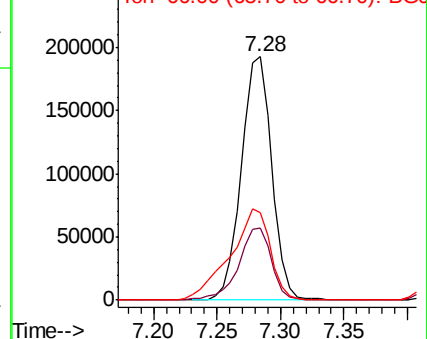
94 100

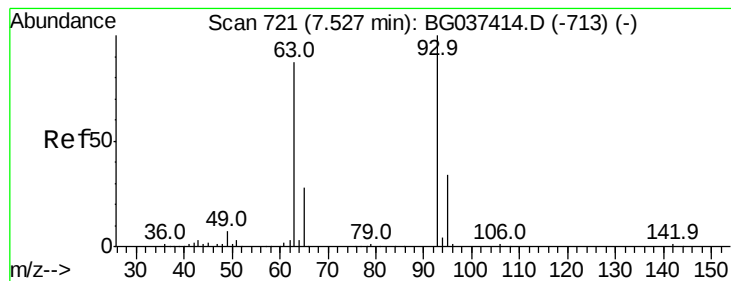
65 29.5 9.7 49.7

66 35.7 15.9 55.9



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





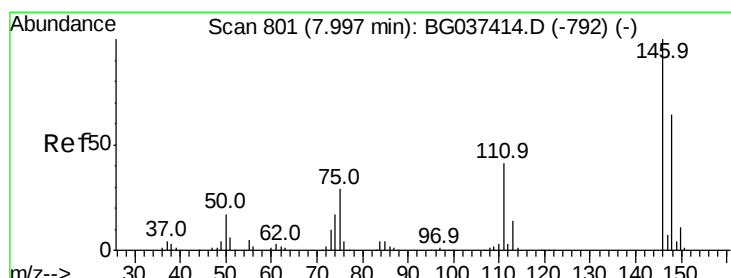
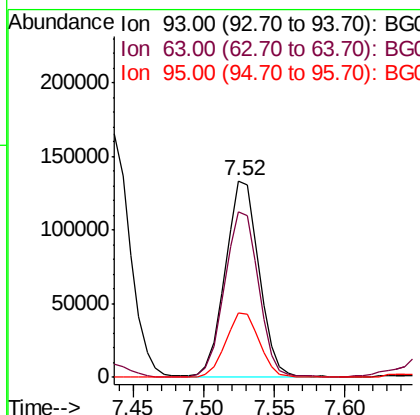
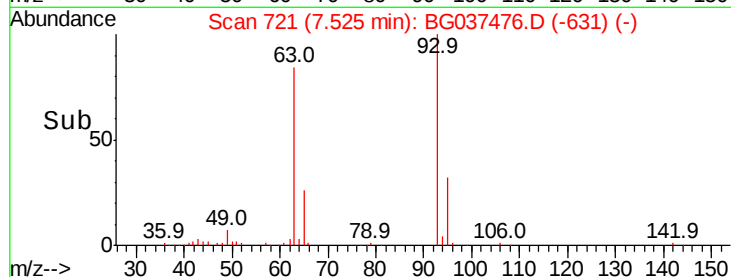
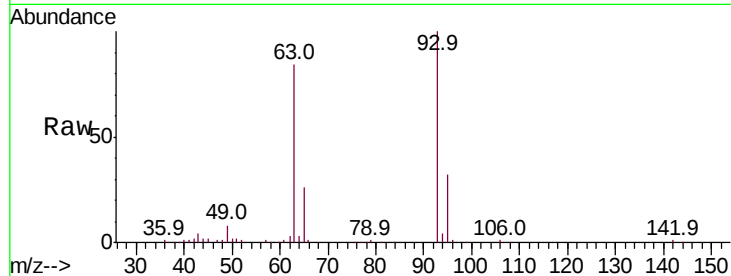
#11
bis(2-Chloroethyl)ether
Concen: 40.947 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.2	69.5	109.5
95	32.5	12.6	52.6

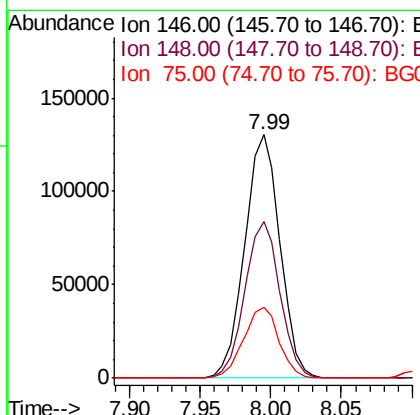
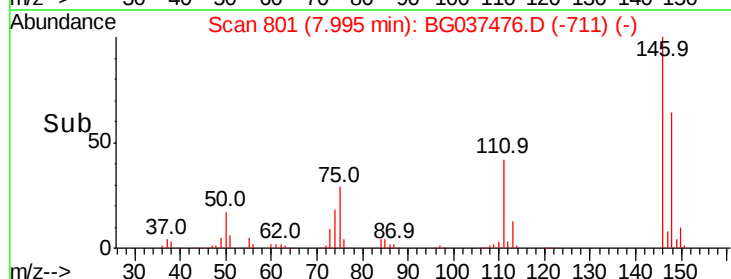
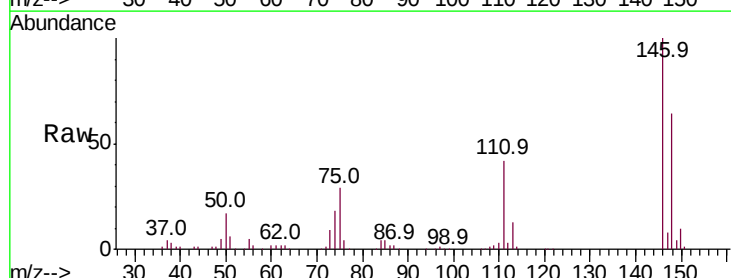
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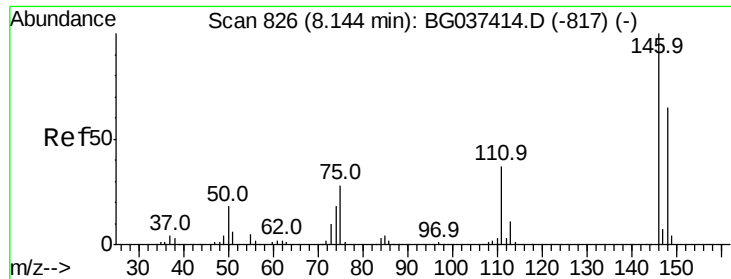
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#12
1,3-Dichlorobenzene
Concen: 38.950 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.8
75	28.9	23.2	34.8





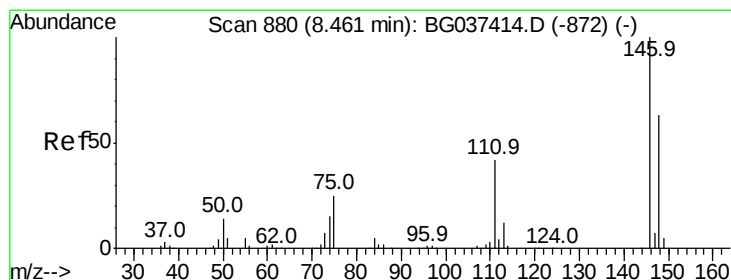
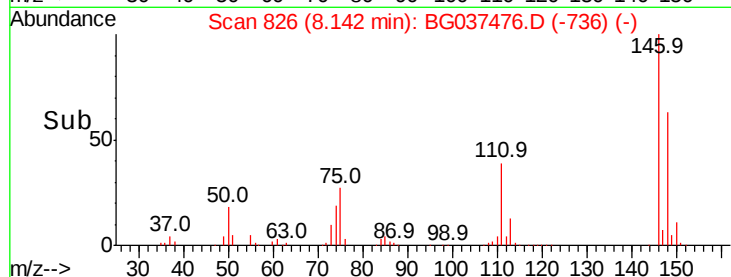
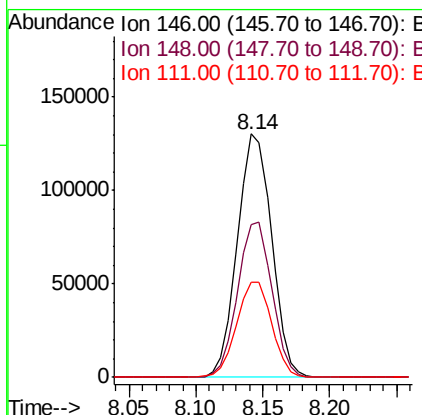
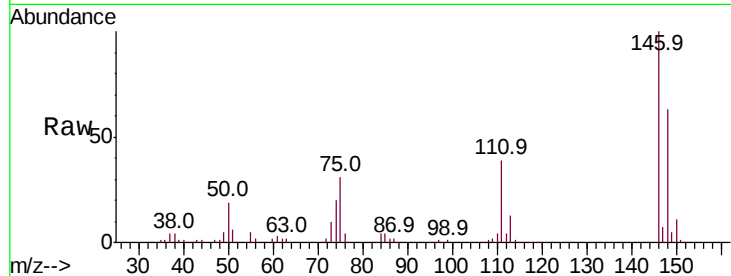
#13
 1,4-Dichlorobenzene
 Concen: 38.734 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	39.3	32.4	48.6

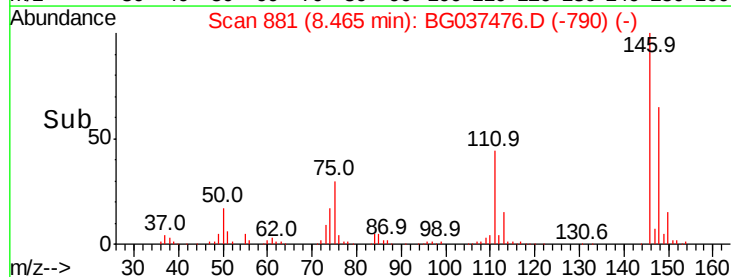
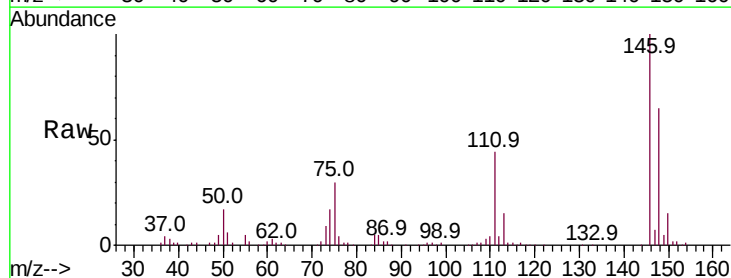
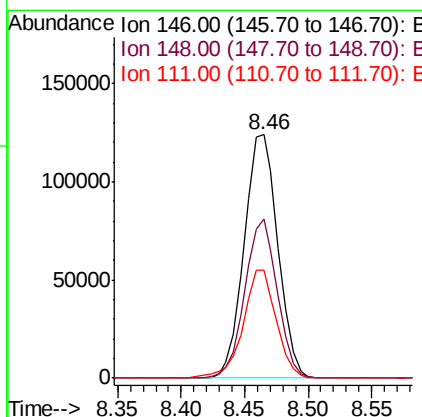
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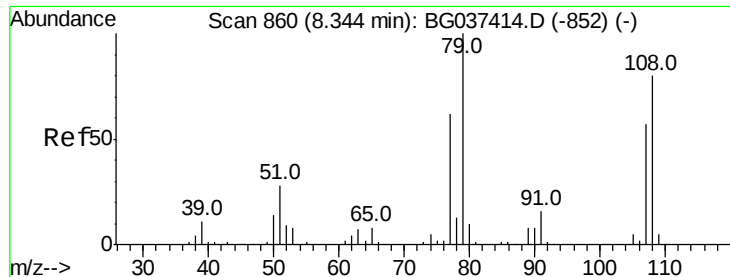
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.709 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	44.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 43.915 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

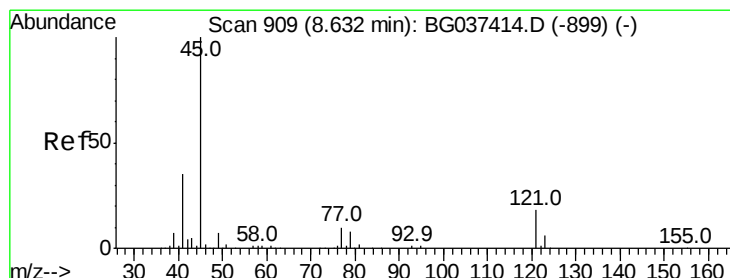
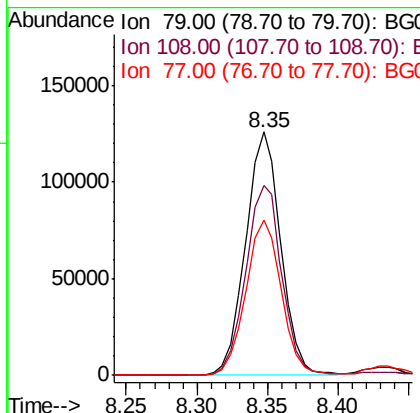
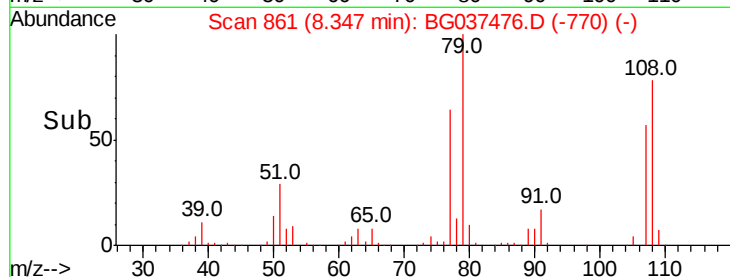
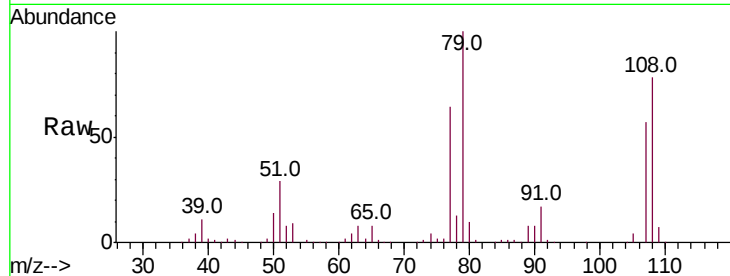
ClientSampleId :

PB114082BS

Tot Ion:	79	Resp:	220694
Ion Ratio	Lower	Upper	
79	100		
108	77.9	65.8	98.8
77	63.8	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.349 ng

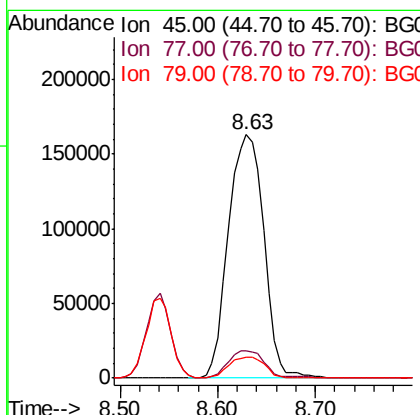
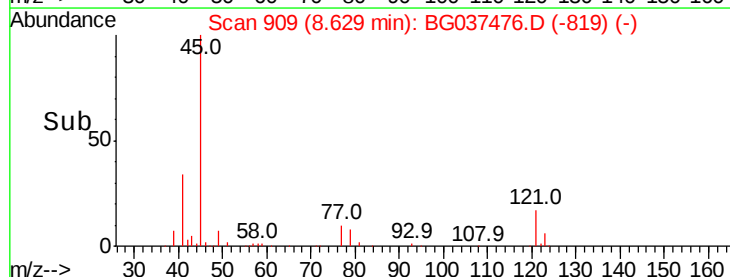
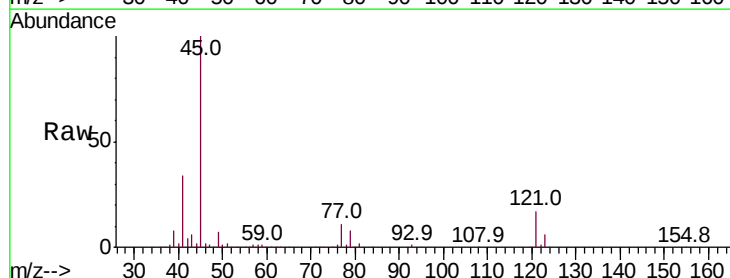
RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	45	Resp:	412986
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.0
79	8.4	0.0	29.0





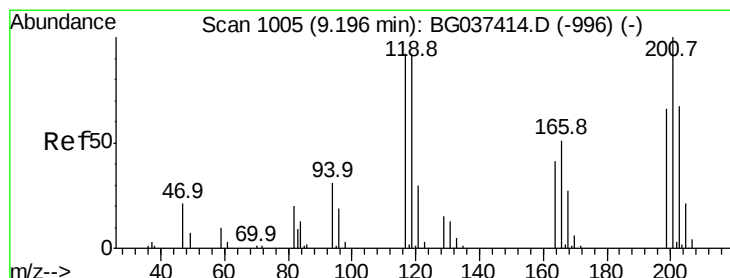
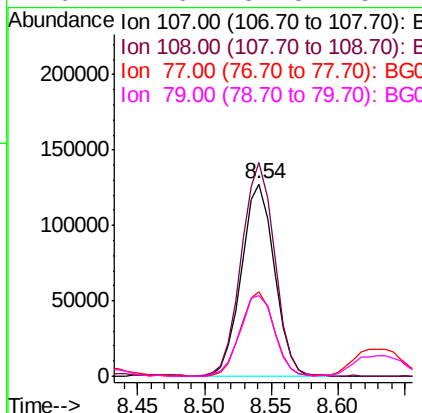
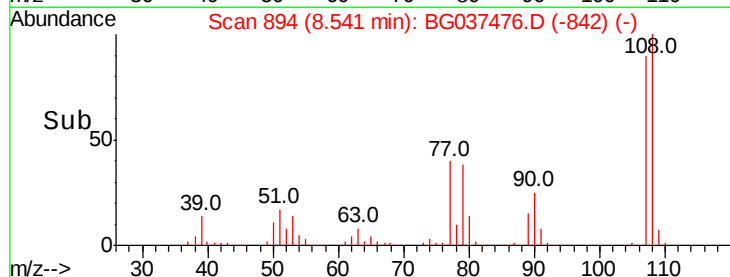
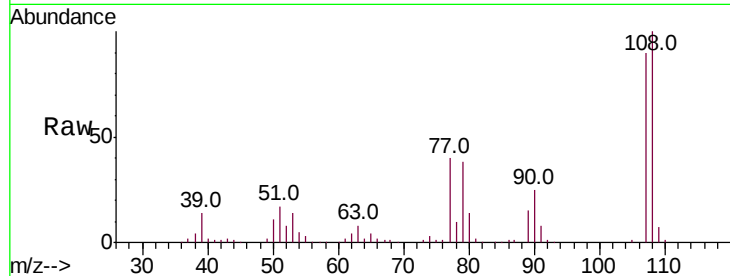
#17
2-Methylphenol
Concen: 45.895 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	87.9	131.9	
77	44.2	35.1	52.7	
79	41.6	34.5	51.7	

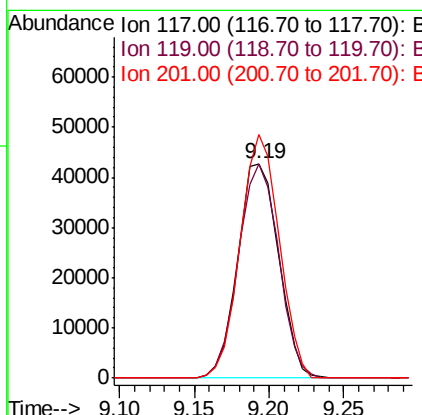
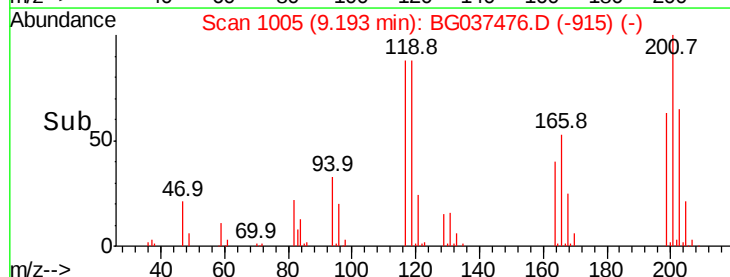
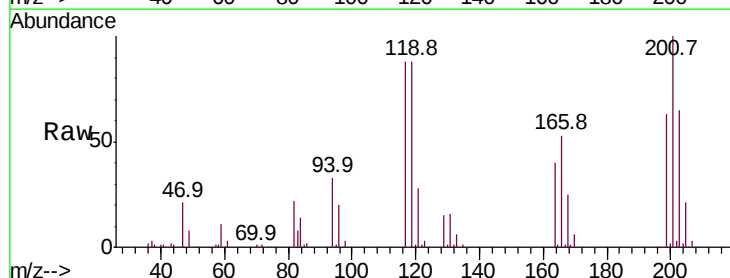
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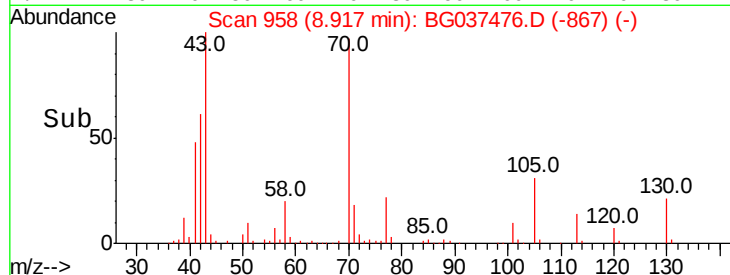
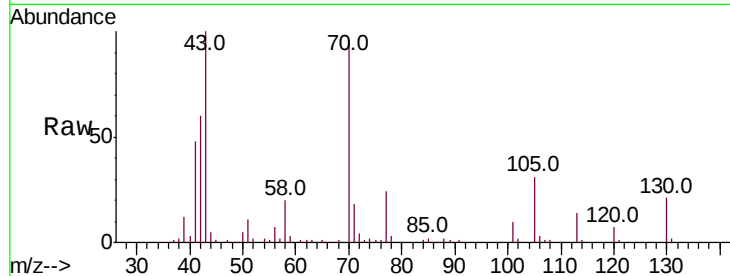
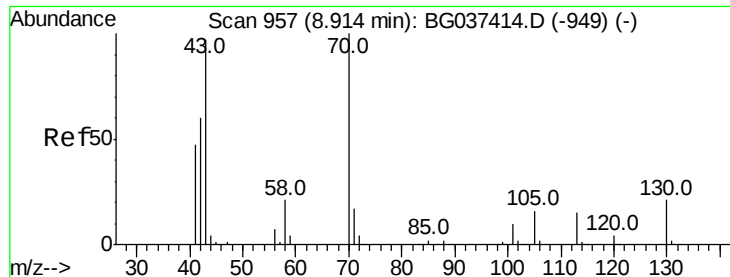
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#18
Hexachloroethane
Concen: 39.853 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.3	74.6	111.8	
201	113.7	80.8	121.2	





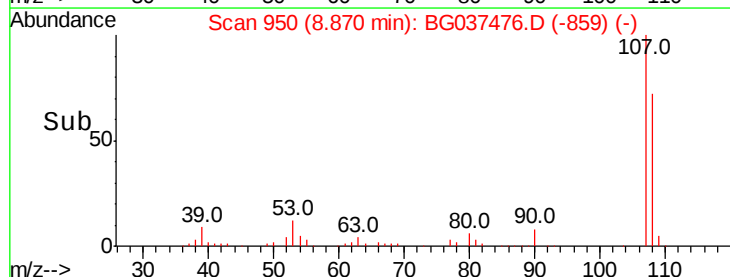
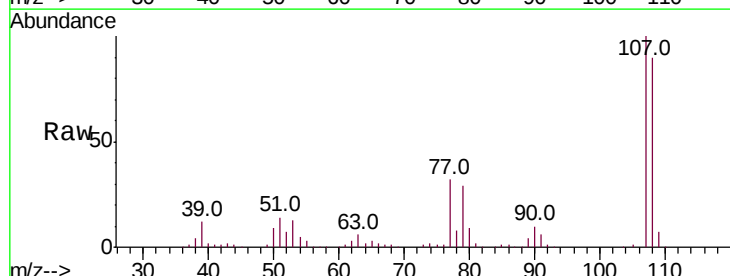
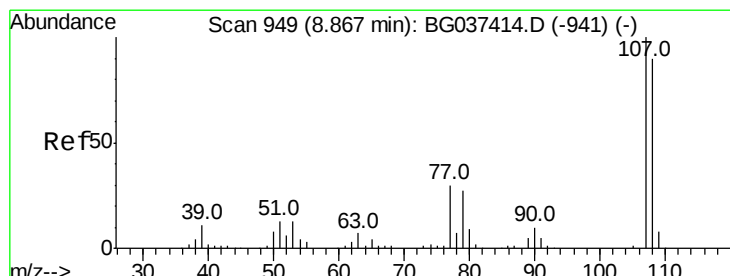
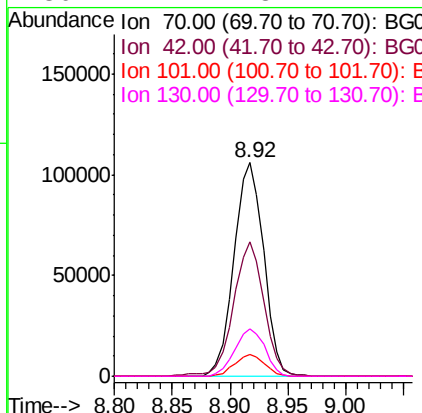
#19
n-Nitroso-di-n-propylamine
Concen: 40.284 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.9	53.9	80.9	
101	10.1	8.2	12.2	
130	22.1	18.2	27.4	

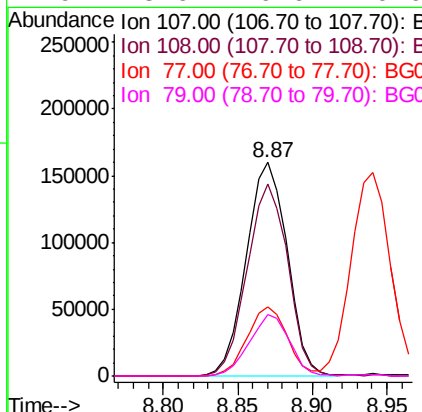
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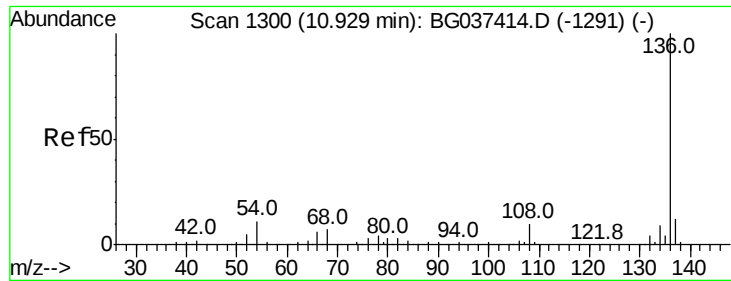
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#20
3+4-Methylphenols
Concen: 44.807 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	69.9	109.9	
77	32.1	11.2	51.2	
79	28.6	6.6	46.6	





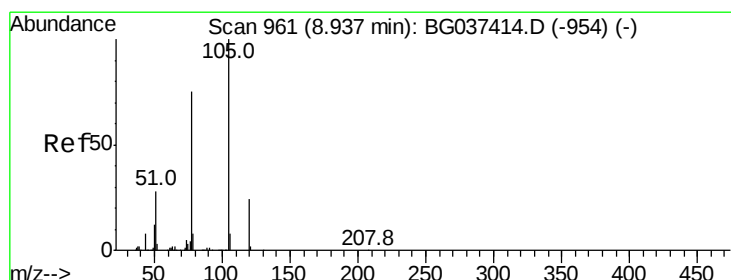
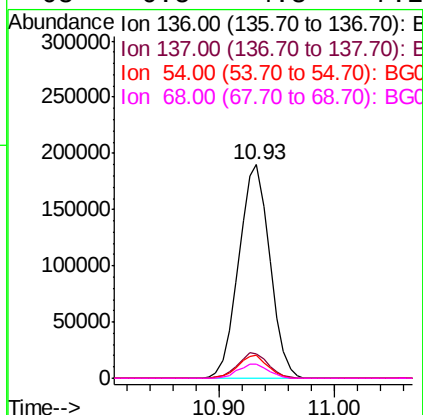
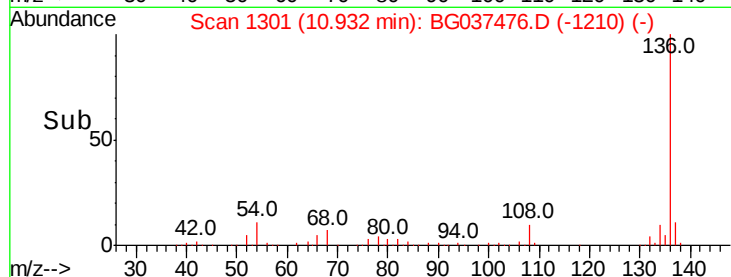
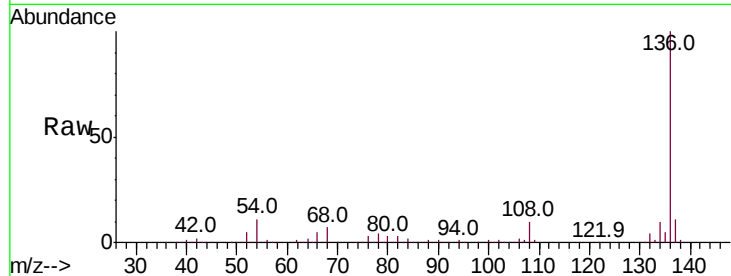
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.6	14.4	
54	10.8	7.9	11.9	
68	6.5	4.8	7.2	

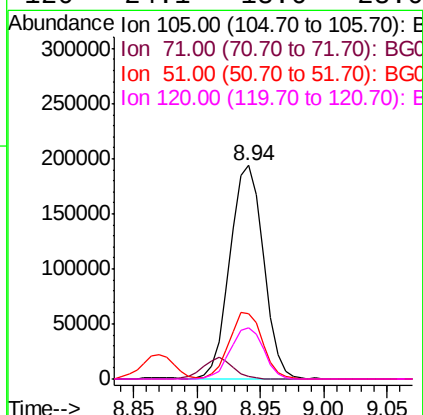
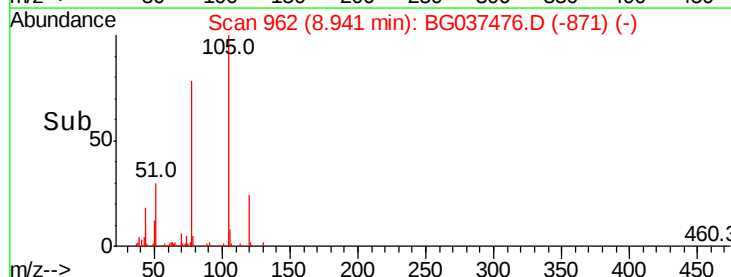
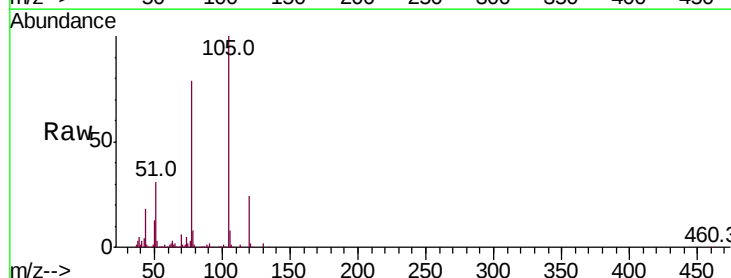
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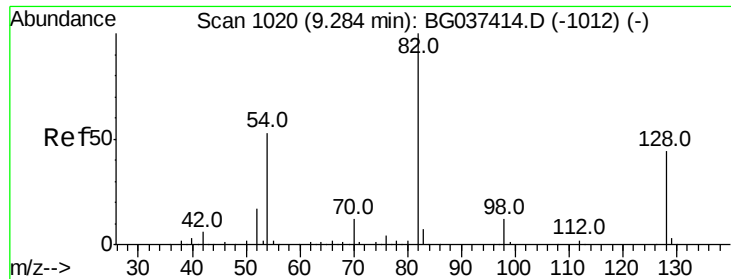
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#22
Acetophenone
Concen: 40.161 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	1.2	1.8#	
51	30.7	25.0	37.6	
120	24.1	18.6	28.0	





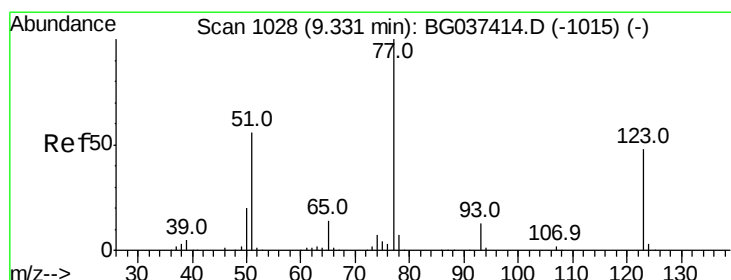
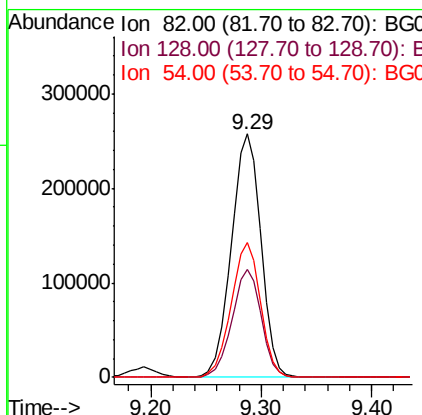
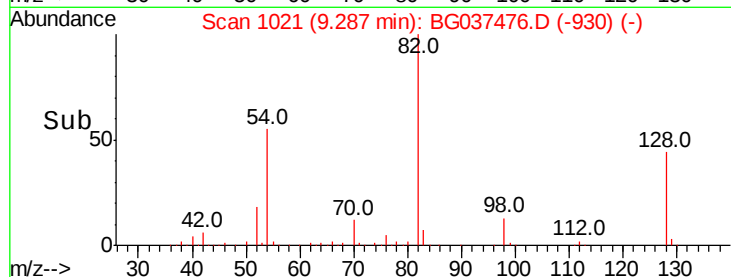
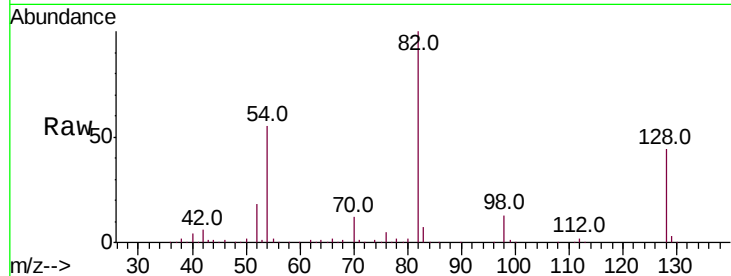
#23
Nitrobenzene-d5
Concen: 76.716 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	34.6	51.8	
54	55.5	45.3	67.9	

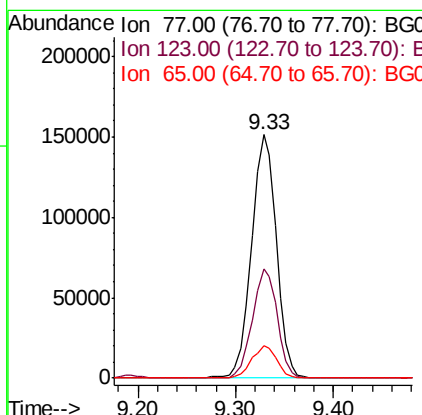
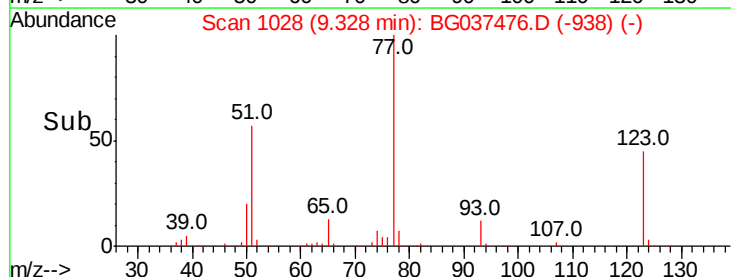
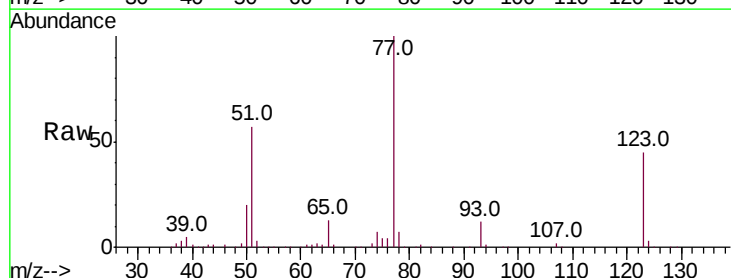
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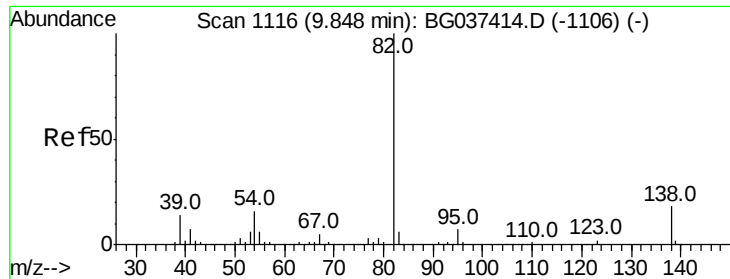
Sohil
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#24
Nitrobenzene
Concen: 40.975 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.8	33.6	50.4	
65	13.1	11.3	16.9	





#25

Isophorone

Concen: 46.360 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

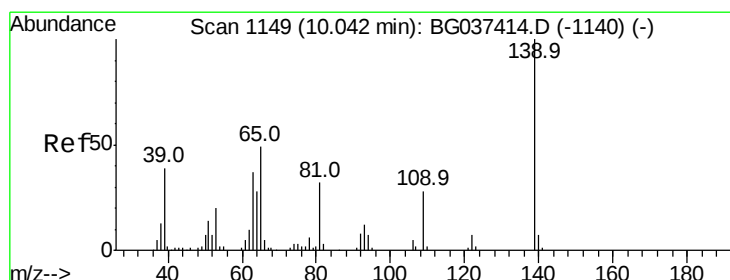
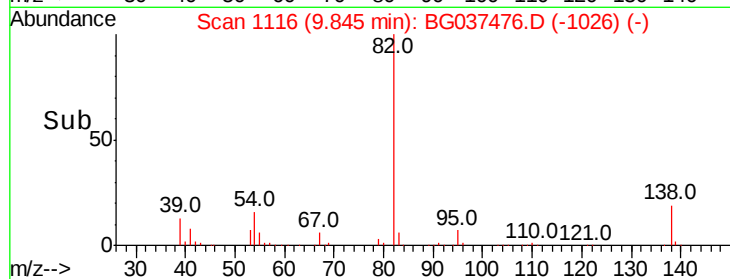
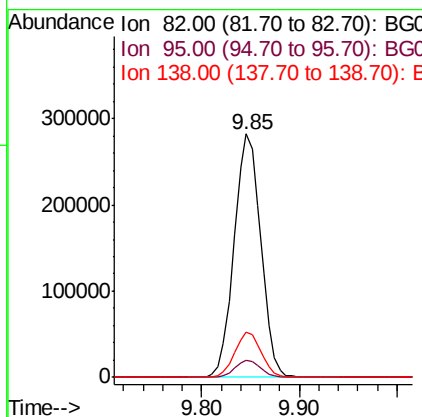
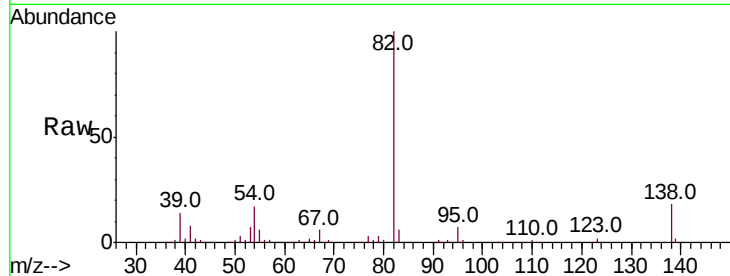
ClientSampleId :

PB114082BS

Tot Ion:	82	Resp:	534918
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.4	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.412 ng

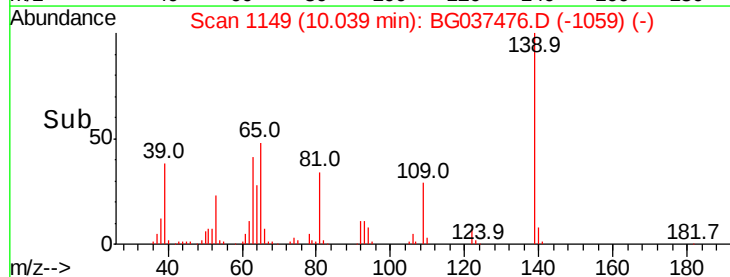
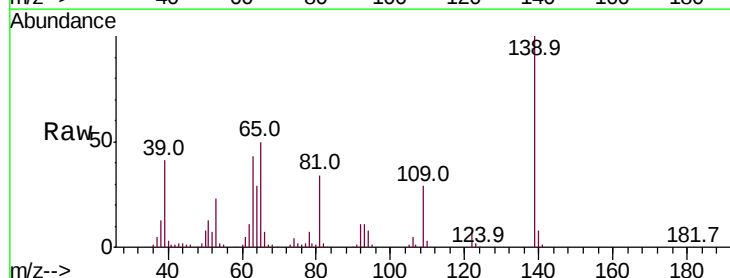
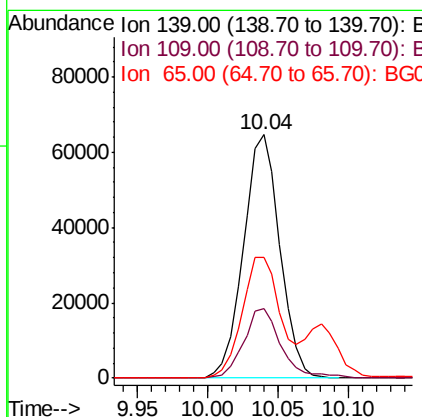
RT: 10.04 min Scan# 1149

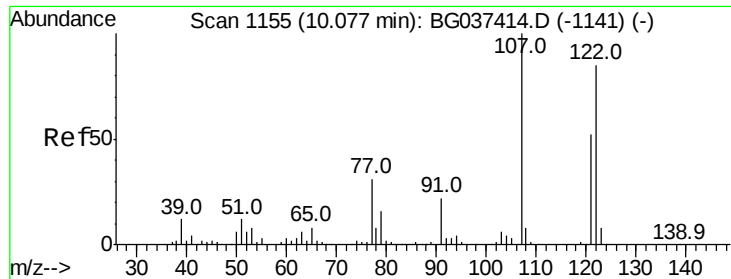
Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	139	Resp:	116475
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.3	34.9
65	49.6	39.8	59.8





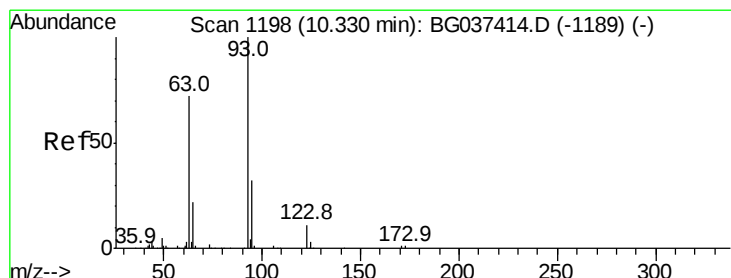
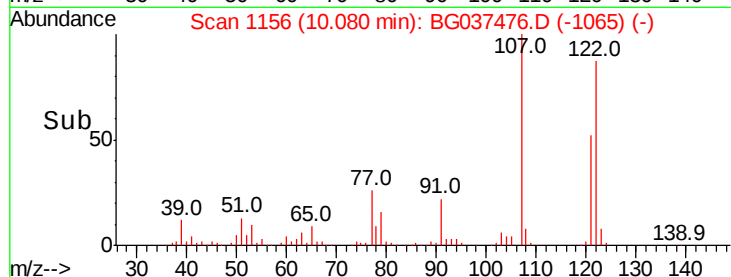
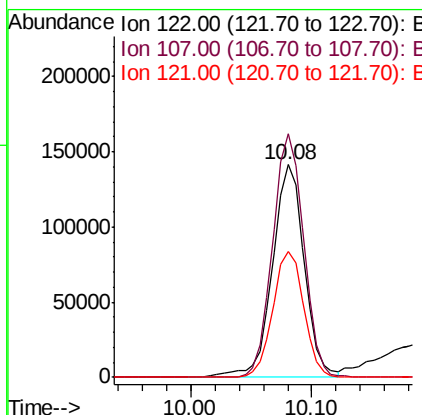
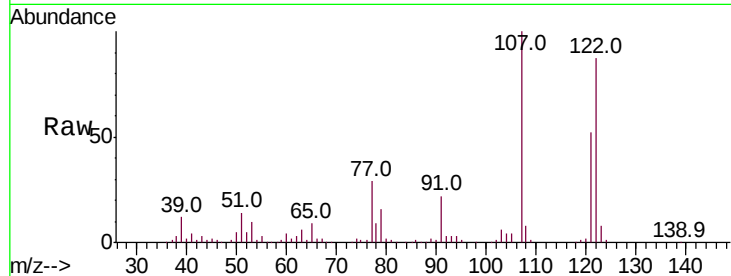
#27
 2,4-Dimethylphenol
 Concen: 48.607 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	94.2	141.2
121	59.4	47.3	70.9

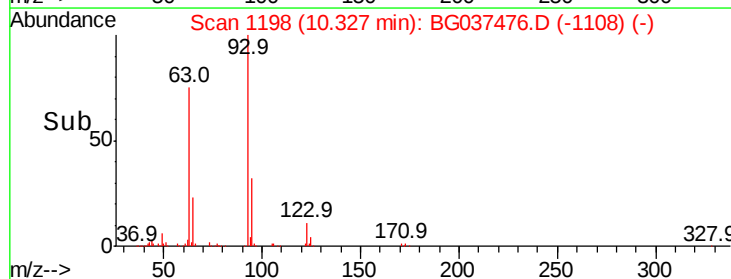
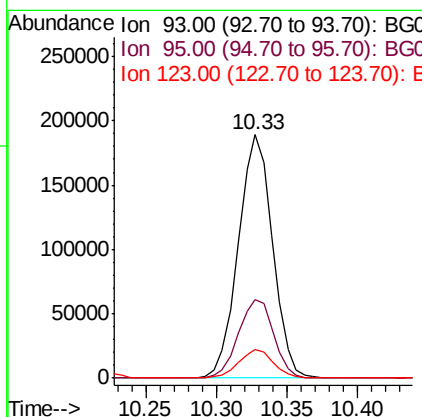
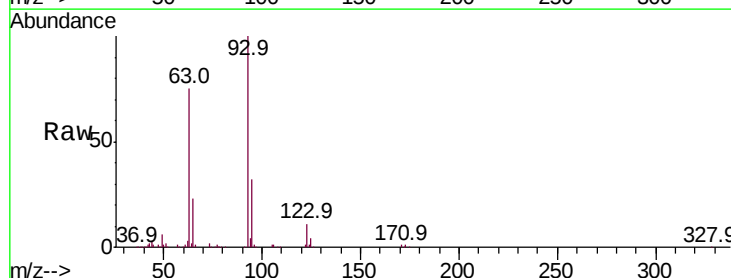
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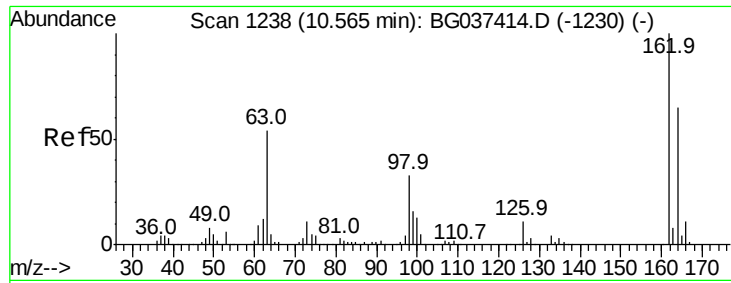
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.484 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	11.5	9.1	13.7





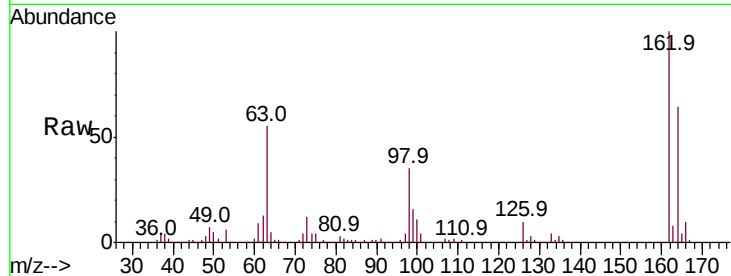
#29
 2,4-Dichlorophenol
 Concen: 43.071 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	43.2	83.2
98	34.9	16.0	56.0

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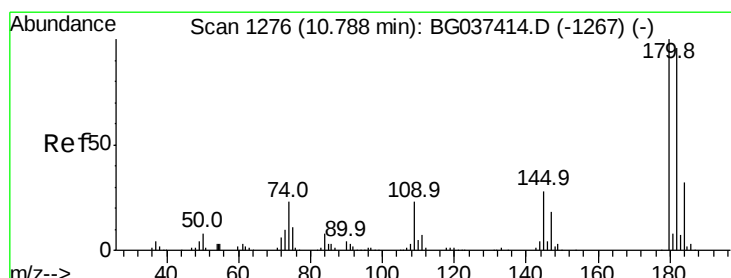
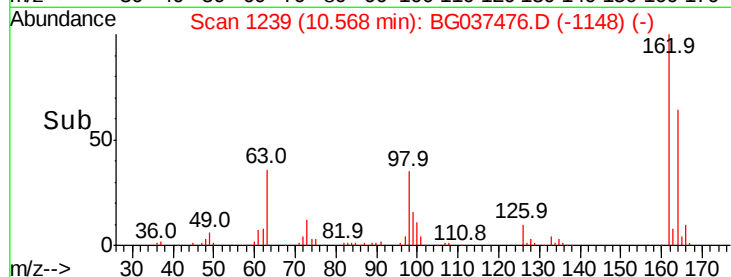
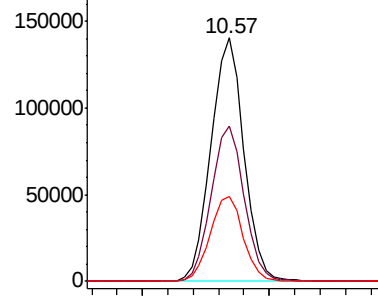


Abundance

Ion 162.00 (161.70 to 162.70): E

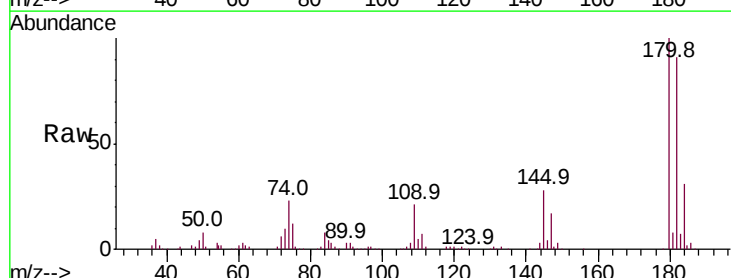
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.289 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.0	77.7	116.5
145	28.2	23.3	34.9

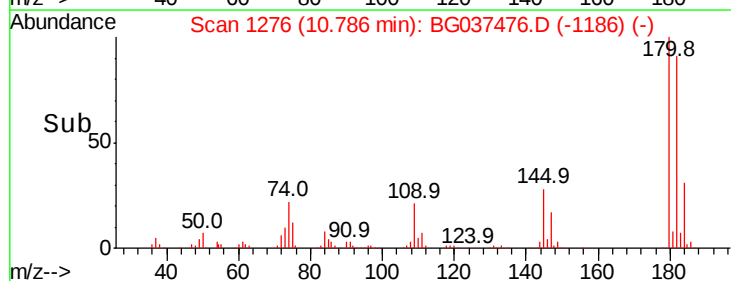
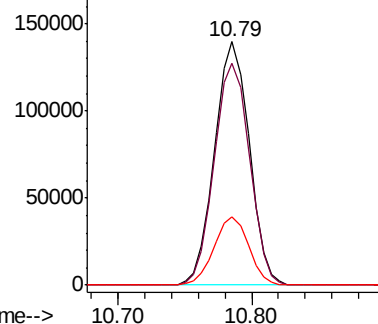


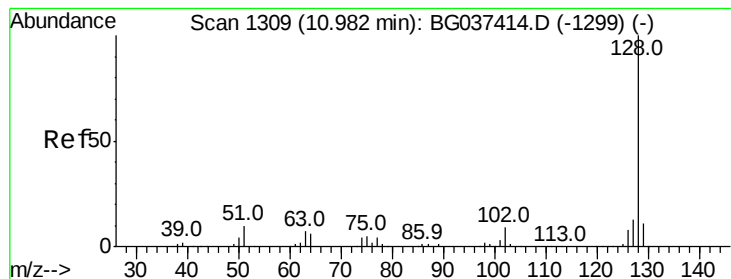
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.428 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

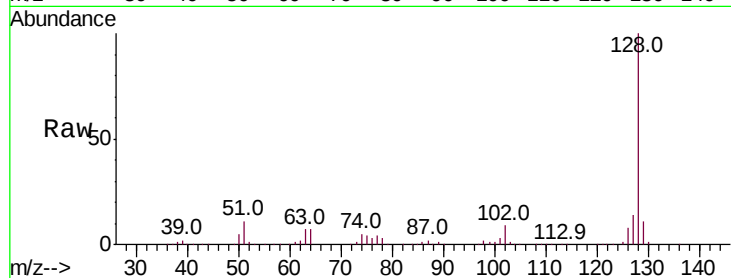
ClientSampleId :

PB114082BS

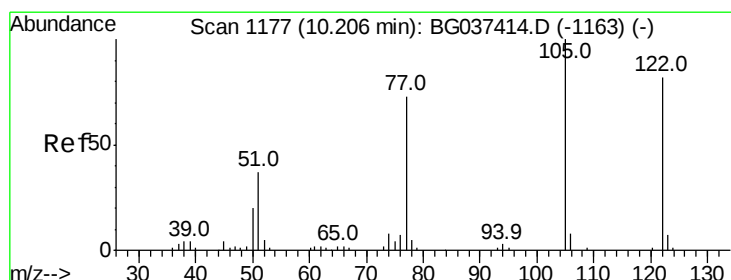
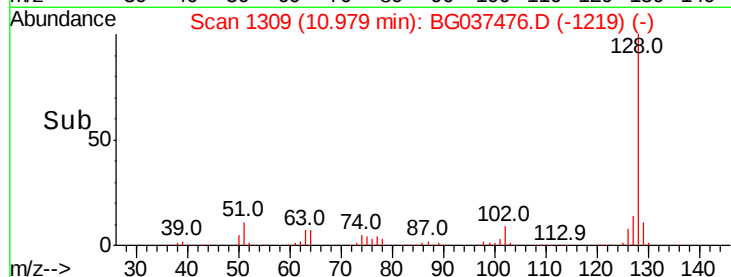
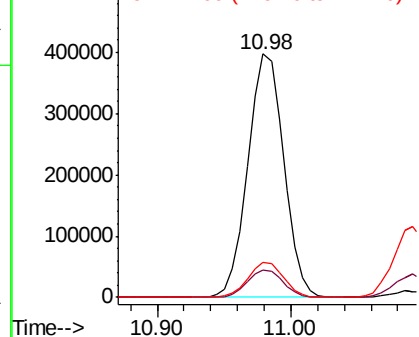
Tot Ion:	128	Resp:	737202
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	14.4	11.1	16.7

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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: 43.246 ng

RT: 10.23 min Scan# 1181

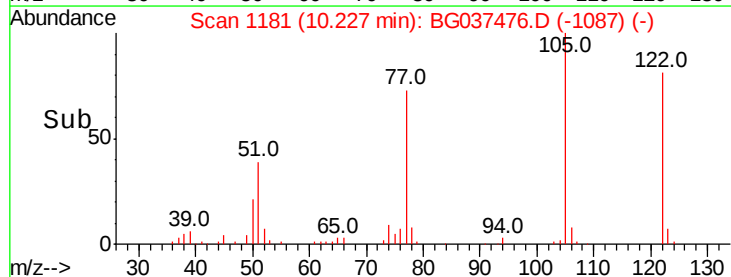
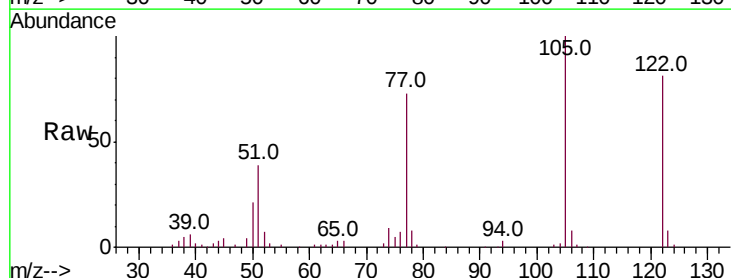
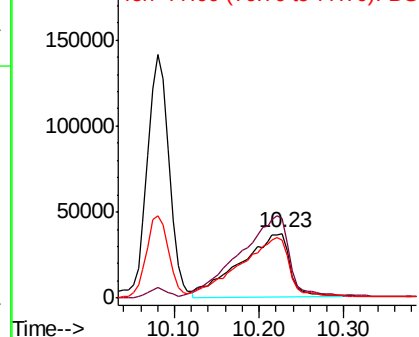
Delta R.T. 0.02 min

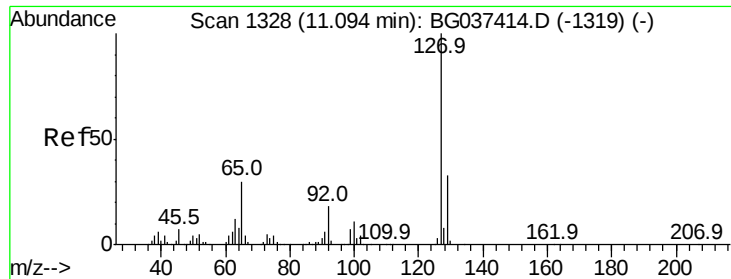
Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	122	Resp:	148215
Ion Ratio	Lower	Upper	
122	100		
105	123.2	106.7	146.7
77	89.4	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





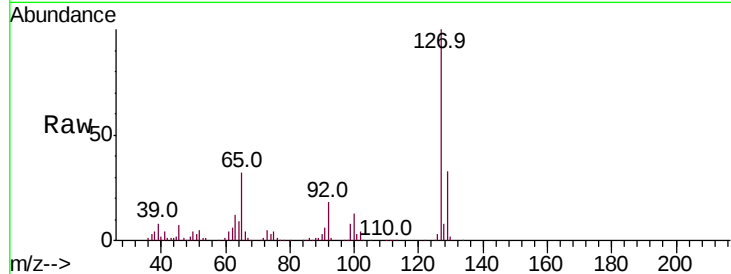
#33
4-Chloroaniline
Concen: 26.935 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

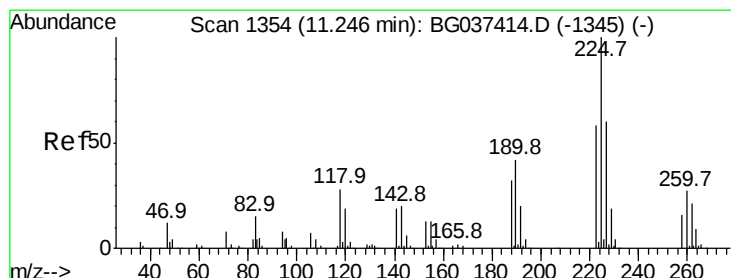
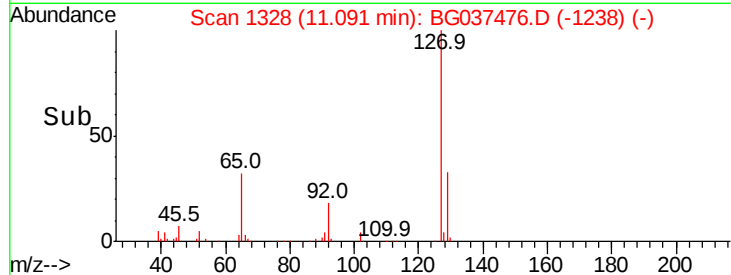
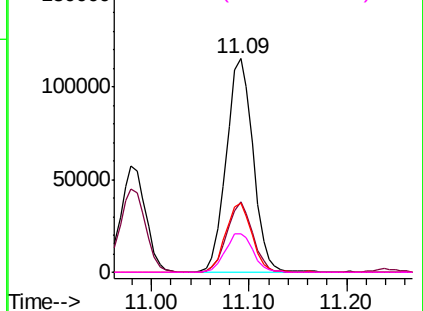
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	27.1	40.7
65	32.2	26.6	39.8
92	18.0	16.4	24.6

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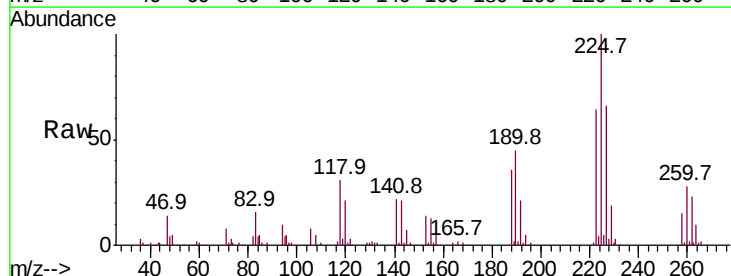


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

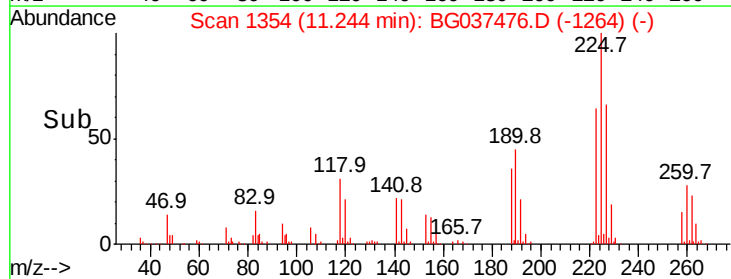
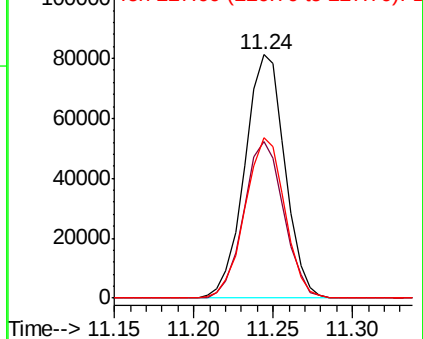


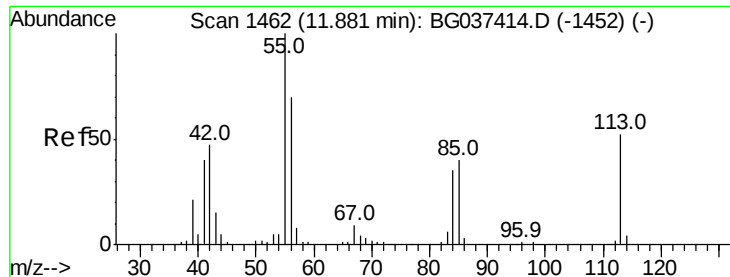
#34
Hexachlorobutadiene
Concen: 37.745 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.2	48.2	72.4
227	65.3	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.176 ng/mL

RT: 11.88 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleID :

PB114082BS

Tot Ion:113 Resp: 97022

Ion Ratio Lower Upper

113 100

55 217.9 176.6 216.6#

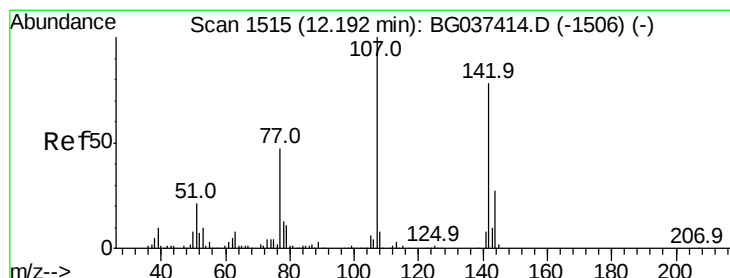
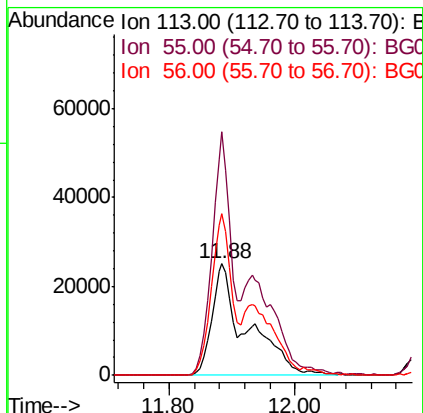
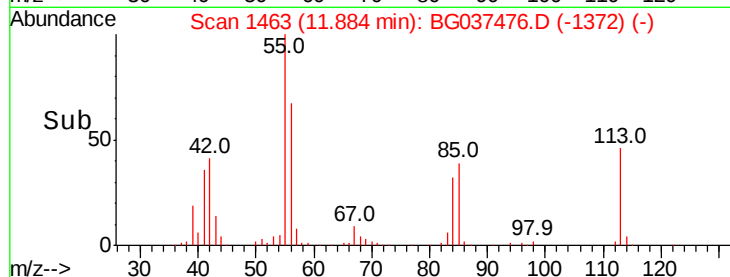
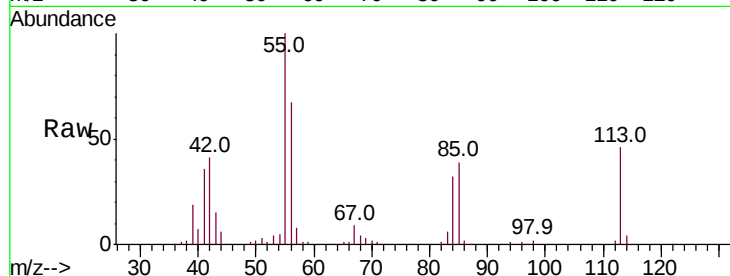
56 145.1 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 42.371 ng/mL

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

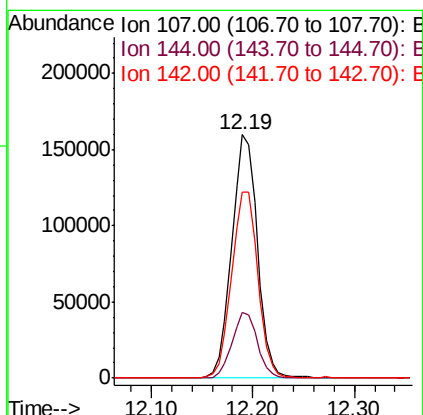
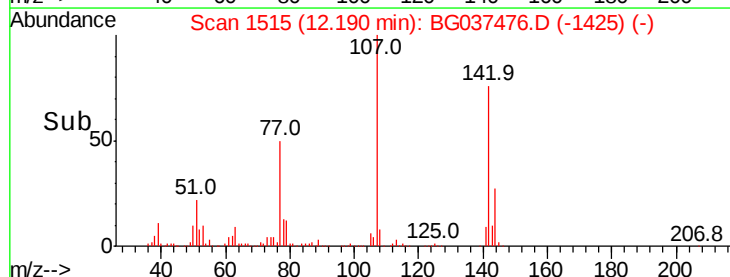
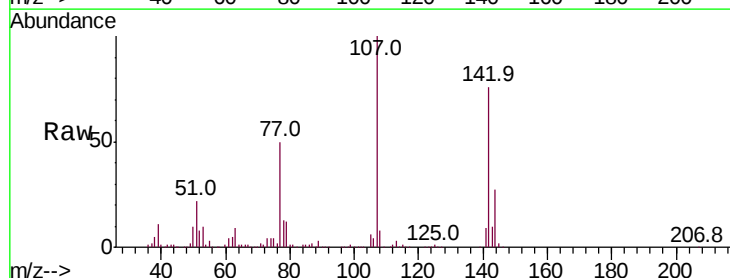
Tgt Ion:107 Resp: 280740

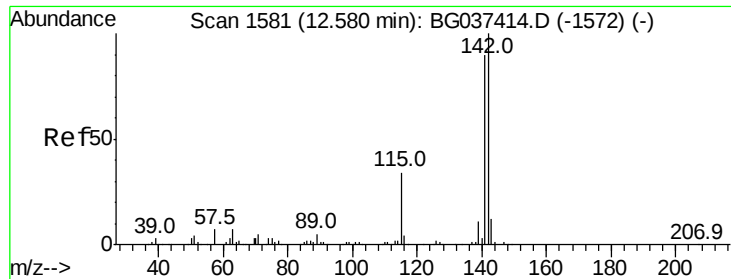
Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

142 76.5 64.4 96.6





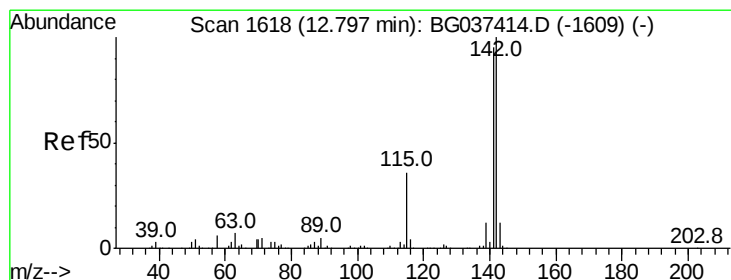
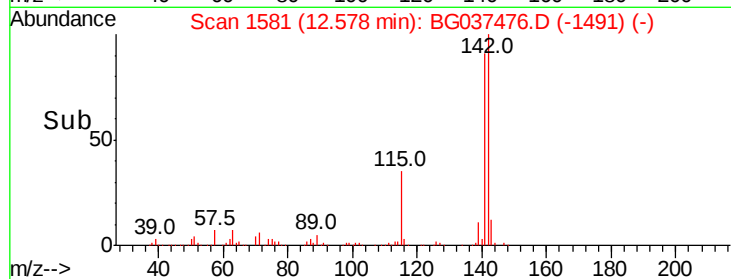
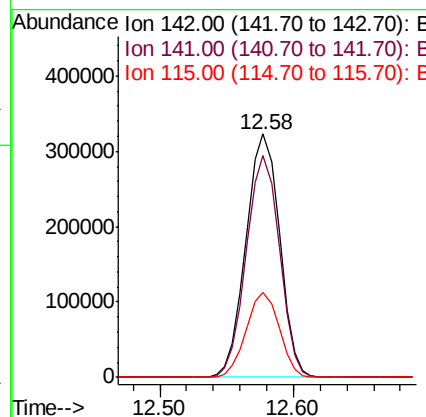
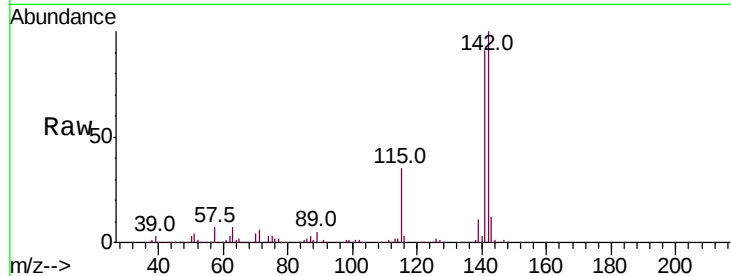
#37
2-Methylnaphthalene
Concen: 44.438 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	34.8	27.8	41.8

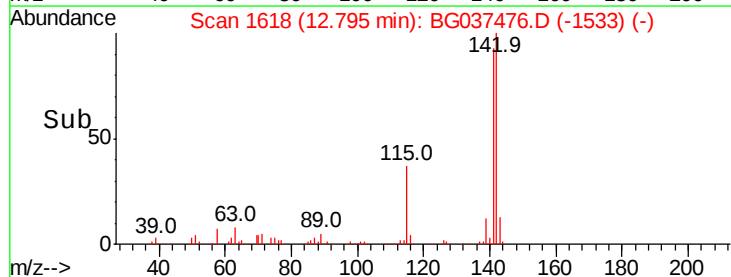
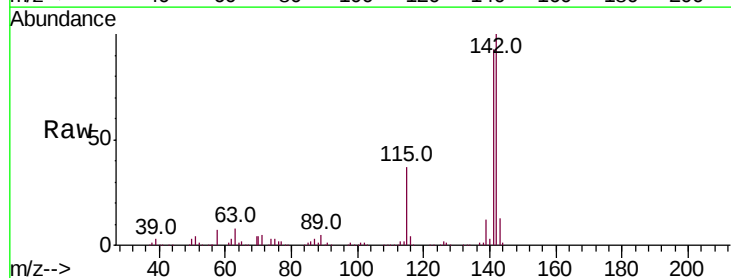
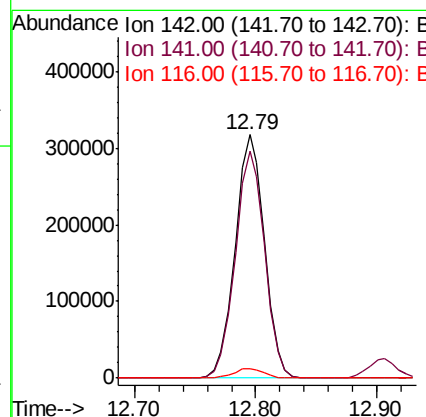
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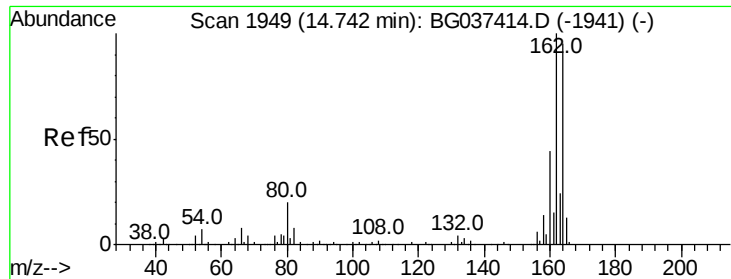
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#38
1-Methylnaphthalene
Concen: 43.398 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.2	112.8
116	3.7	3.3	4.9





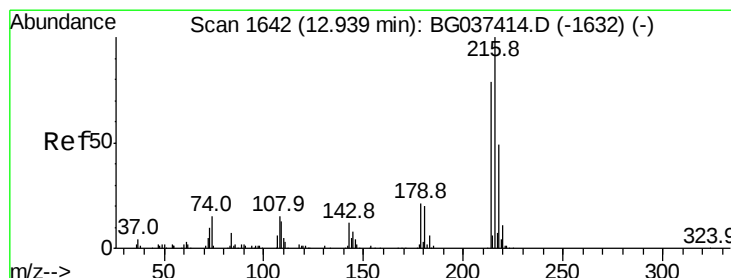
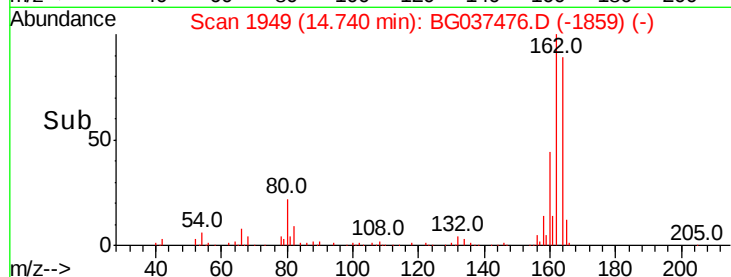
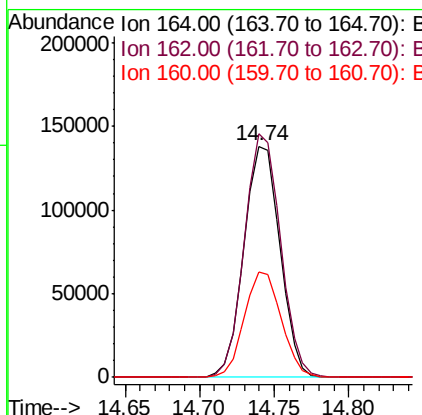
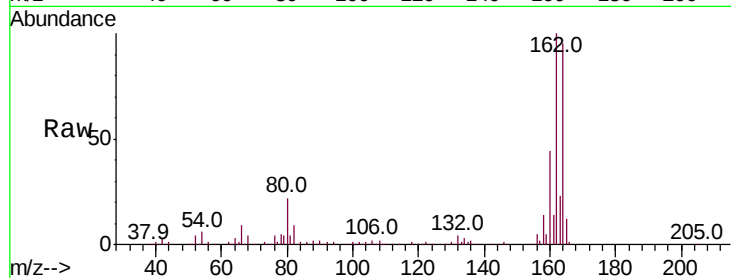
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.3	121.9
160	45.8	36.3	54.5

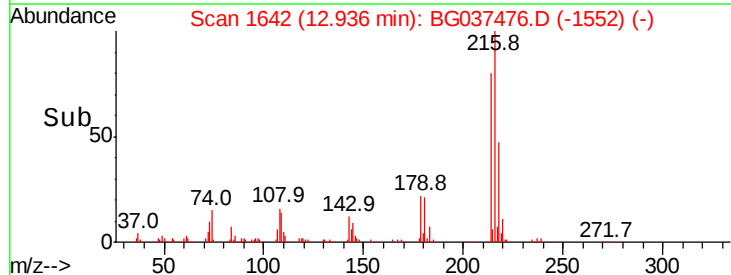
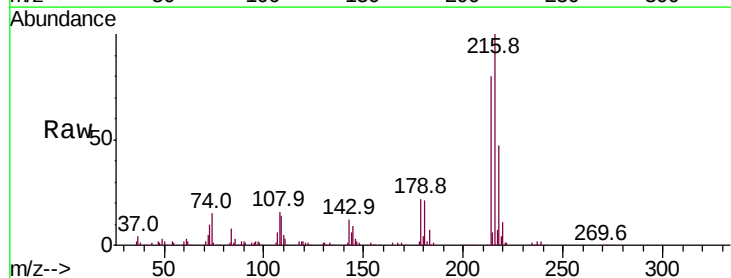
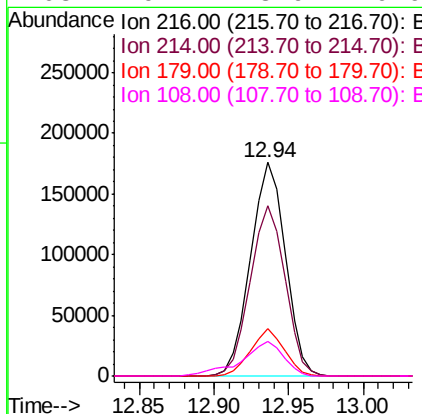
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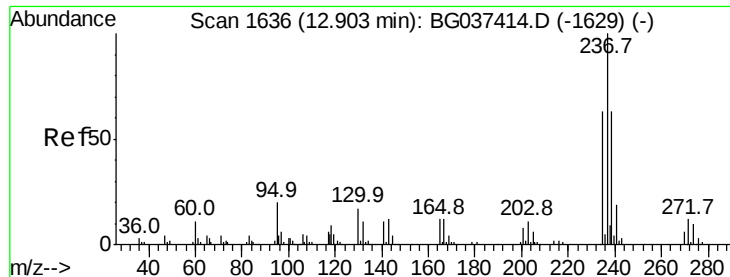
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.093 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	21.5	17.4	26.0
108	19.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 95.037 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

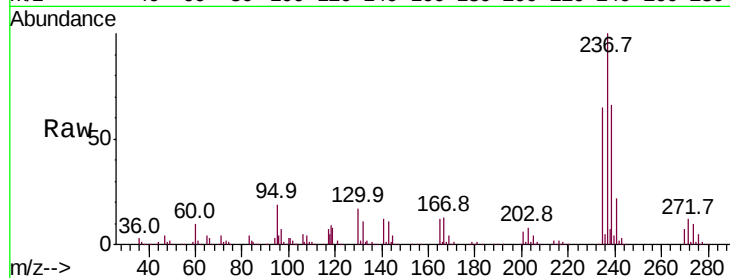
ClientSampleId :

PB114082BS

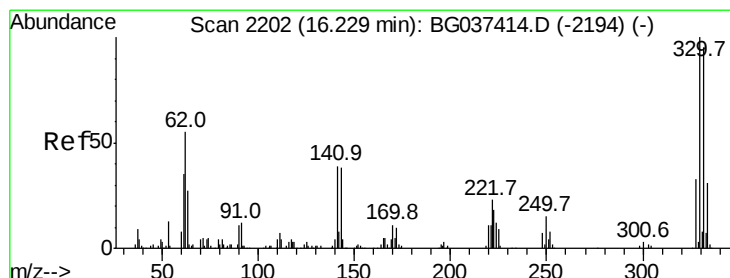
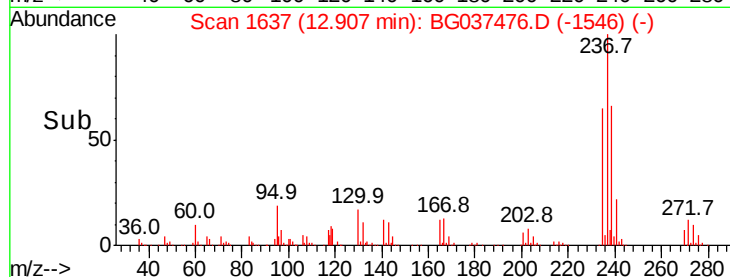
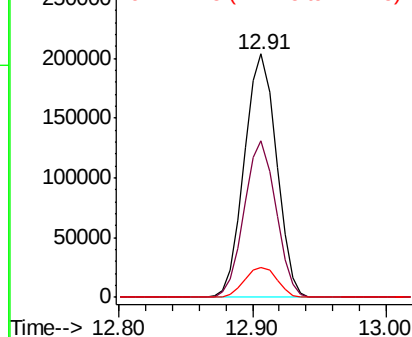
Tot Ion:	237	Resp:	338281
Ion Ratio	Lower	Upper	
237	100		
235	64.5	42.5	82.5
272	12.4	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 128.169 ng

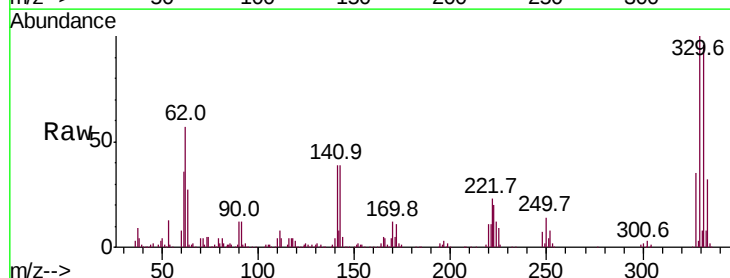
RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

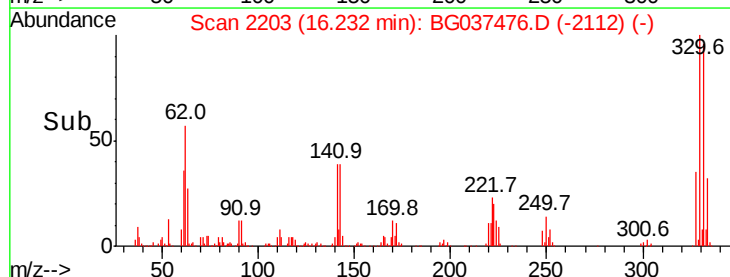
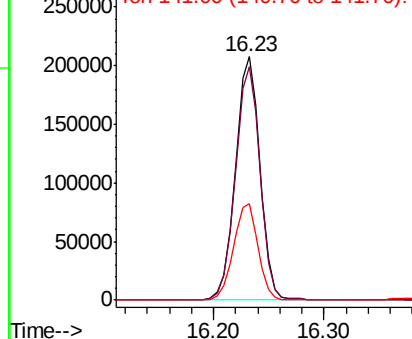
Lab File: BG037476.D

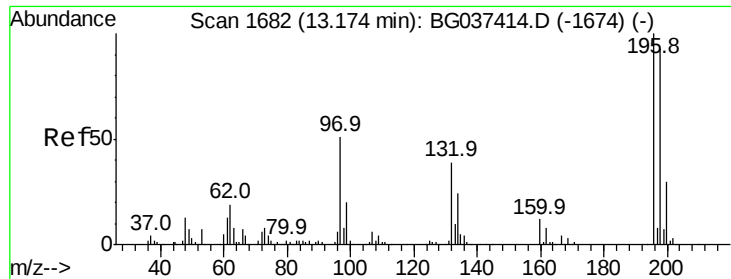
Acq: 23 Oct 2018 14:54

Tgt Ion:	330	Resp:	322949
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.4	117.6
141	40.1	32.2	48.2



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





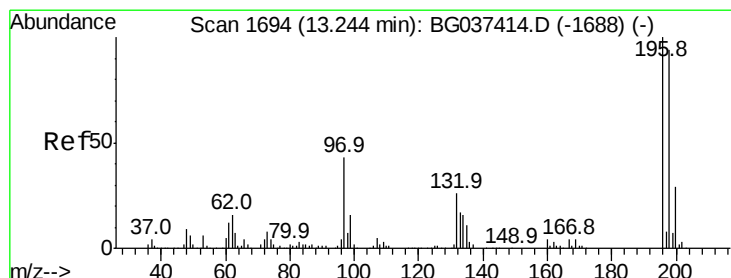
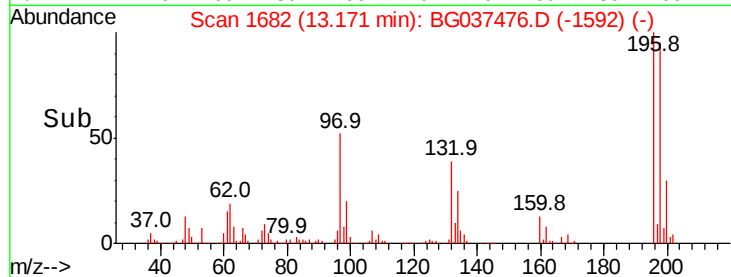
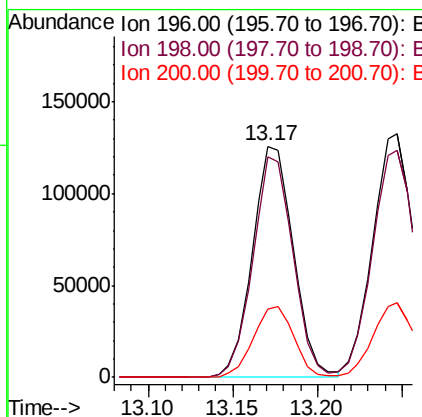
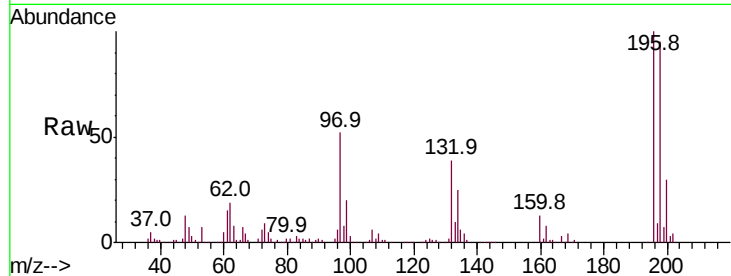
#43
 2,4,6-Trichlorophenol
 Concen: 42.531 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211733		
198	95.3	76.4	114.6	
200	29.7	24.9	37.3	

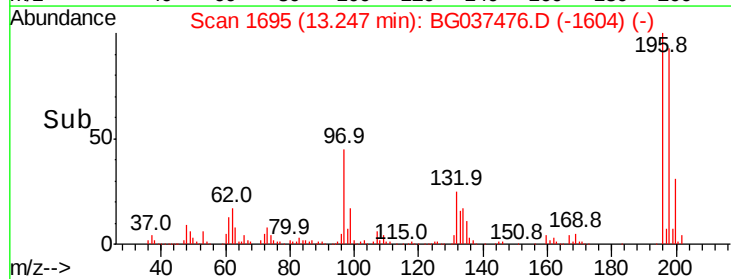
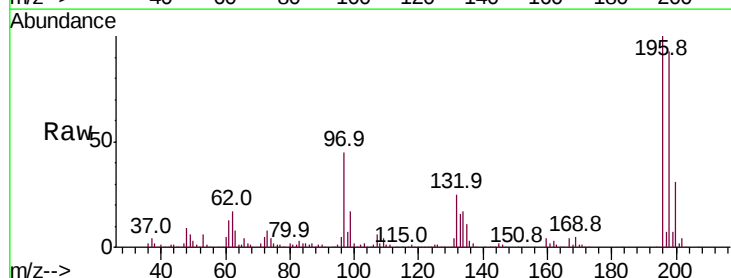
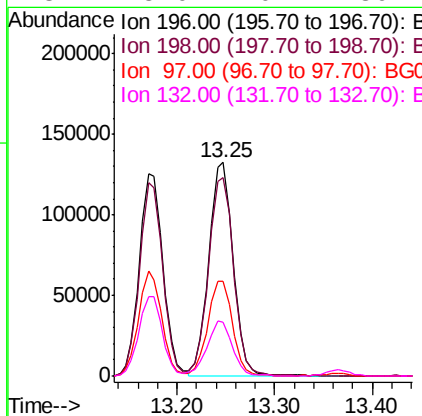
Manual Integrations
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 10/24/2018 10:55:59 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.361 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229606		
198	93.0	74.2	111.2	
97	44.7	34.1	51.1	
132	25.0	20.2	30.4	





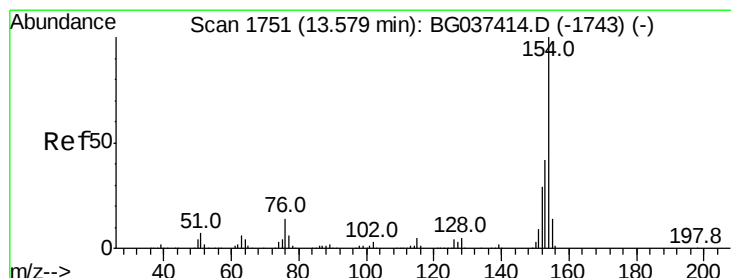
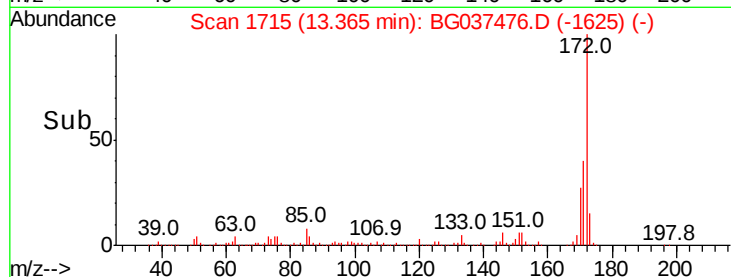
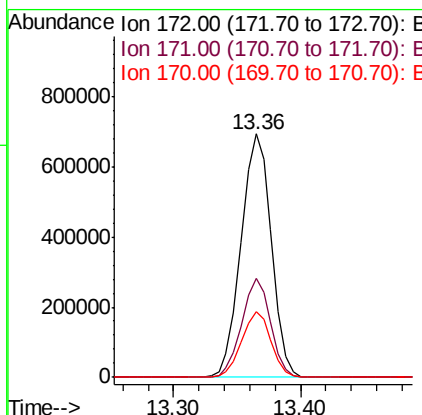
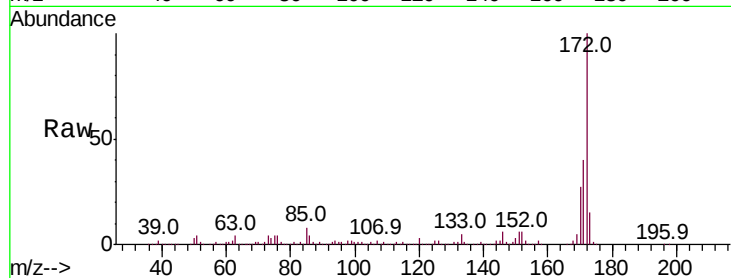
#45
2-Fluorobiphenyl
Concen: 74.956 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	31.0	46.4
170	27.1	20.2	30.2

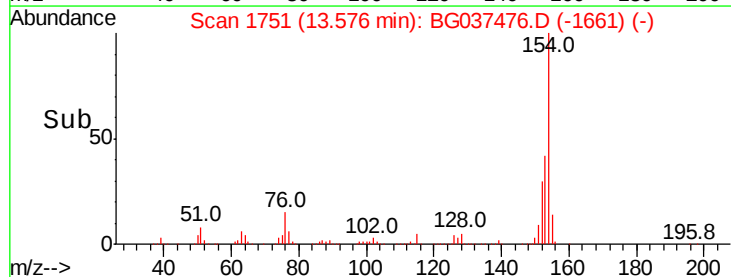
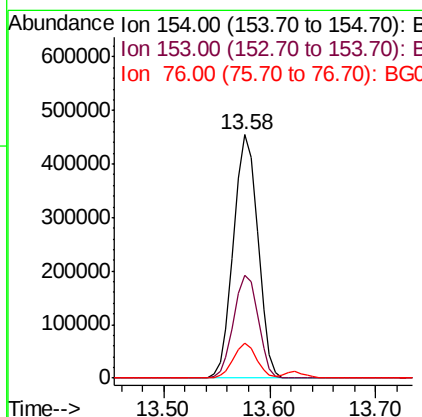
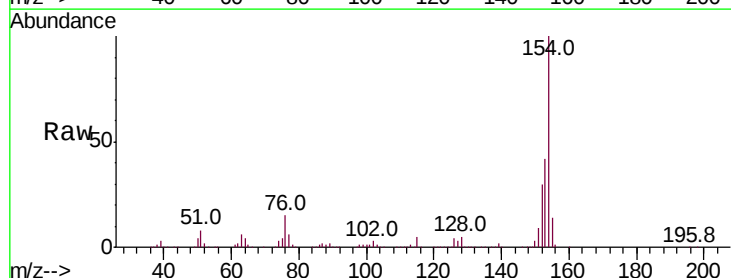
Manual Integrations
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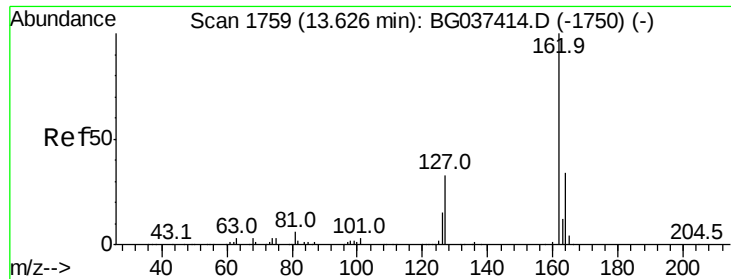
Sohil
10/24/2018 10:55:59 AM



#46
1,1'-Biphenyl
Concen: 37.879 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	14.5	0.0	33.2





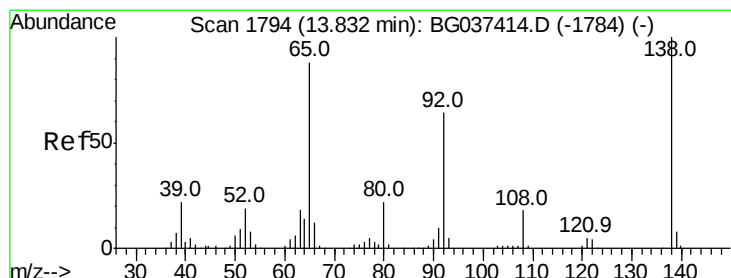
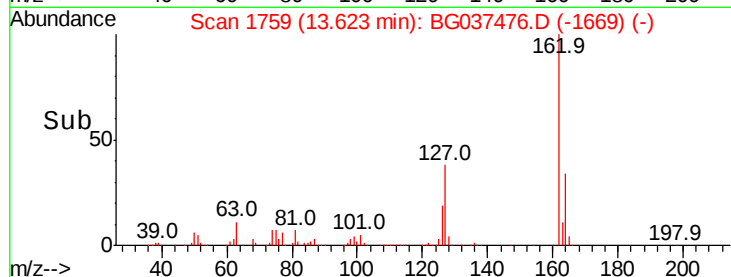
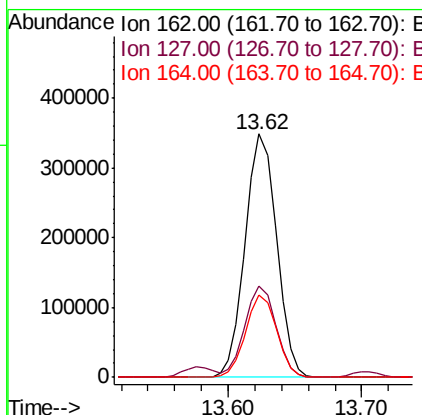
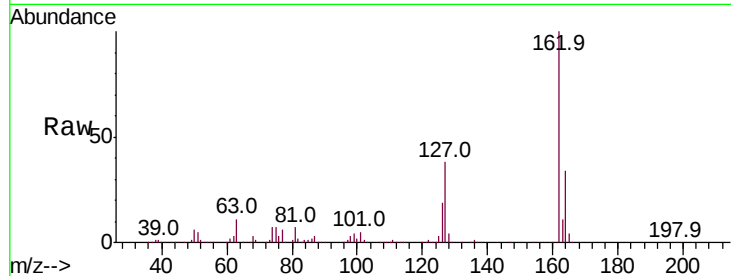
#47
2-Chloronaphthalene
Concen: 39.292 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.6	30.5	45.7
164	34.0	26.4	39.6

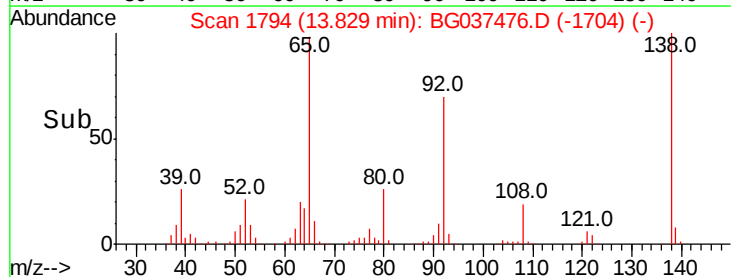
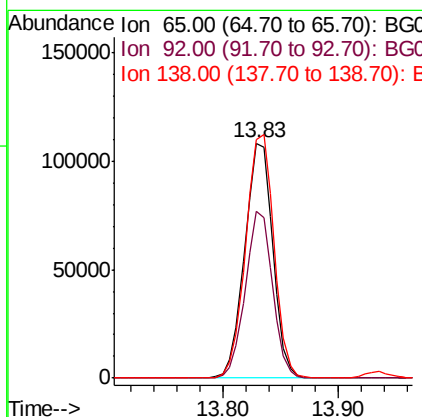
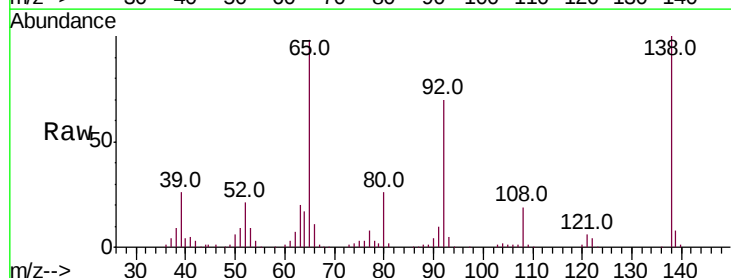
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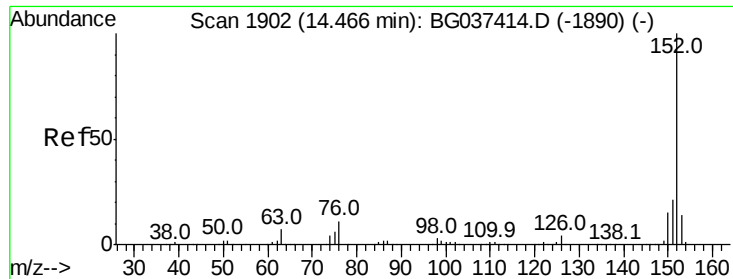
Sohil
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#48
2-Nitroaniline
Concen: 41.922 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.9	53.2	79.8
138	101.5	79.3	118.9





#49

Acenaphthylene

Concen: 42.726 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

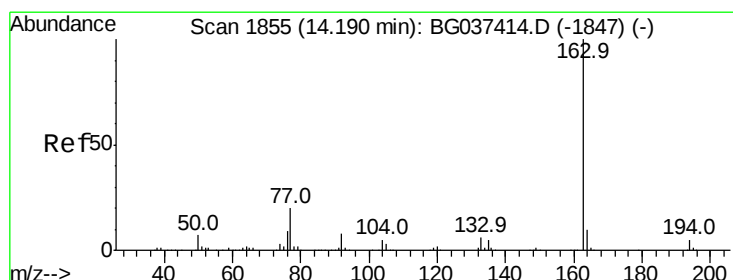
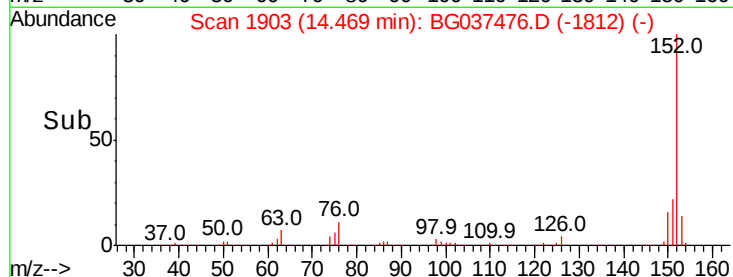
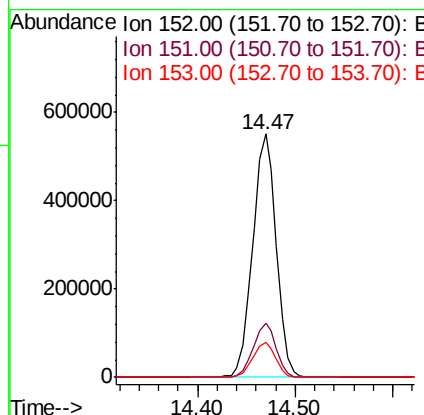
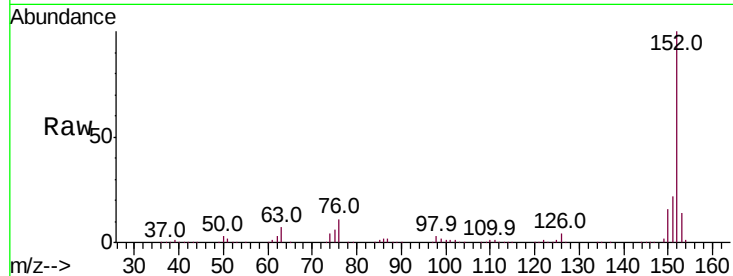
ClientSampleId :

PB114082BS

Tot Ion:	152	Resp:	930301
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	14.2	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.162 ng

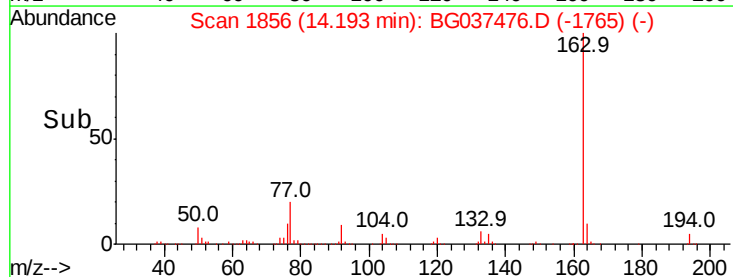
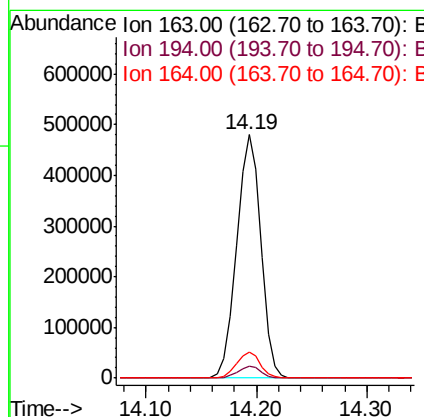
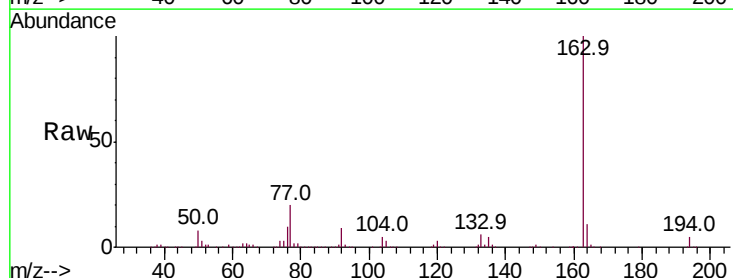
RT: 14.19 min Scan# 1856

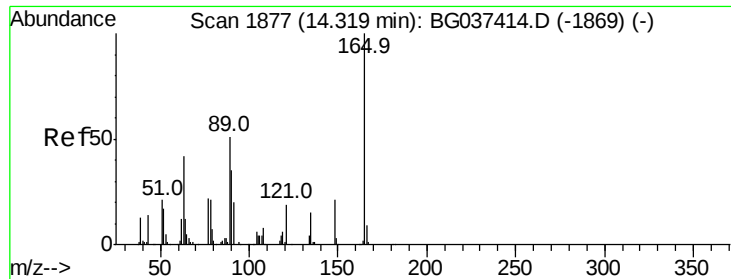
Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	163	Resp:	735650
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	10.7	8.5	12.7





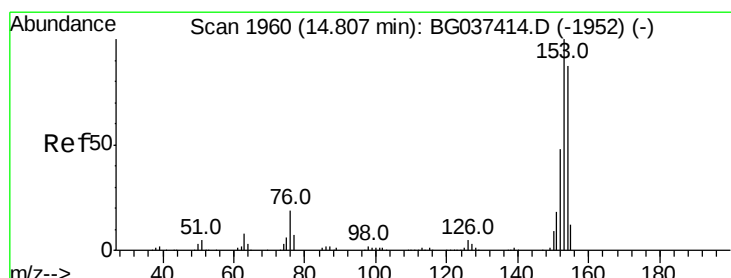
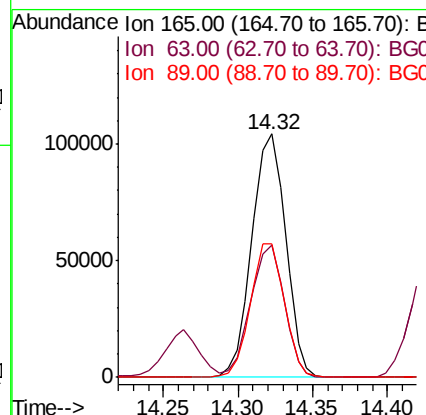
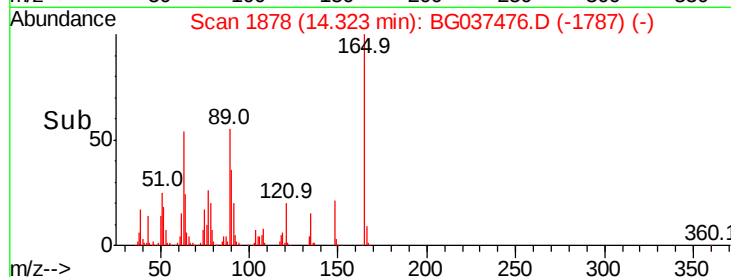
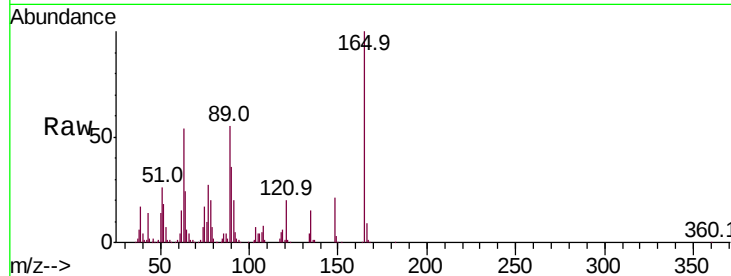
#51
2,6-Dinitrotoluene
Concen: 41.387 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.1	43.4	65.2
89	54.9	45.8	68.6

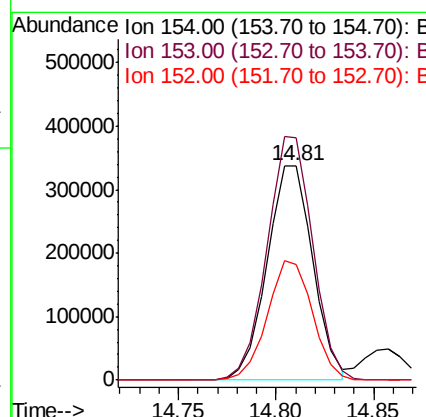
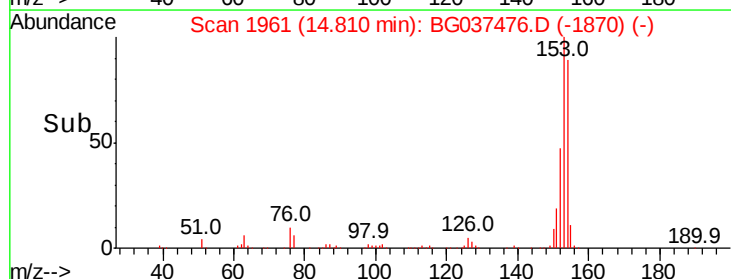
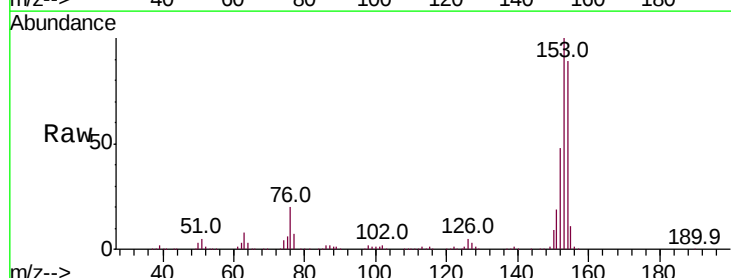
Manual Integrations
APPROVED

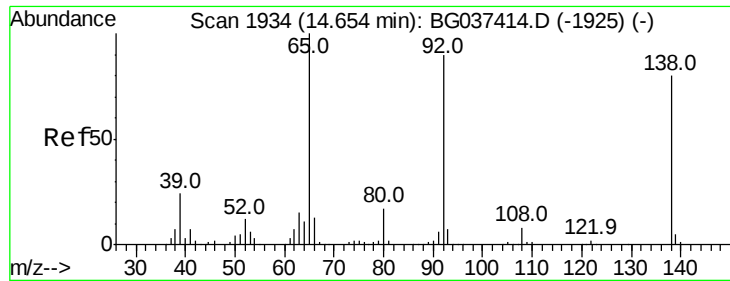
Sohil
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#52
Acenaphthene
Concen: 40.810 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.8	93.4	140.0
152	53.7	44.7	67.1





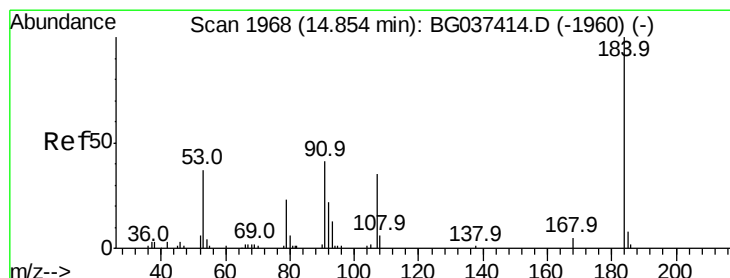
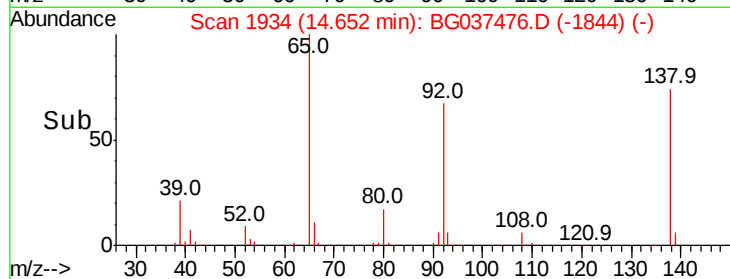
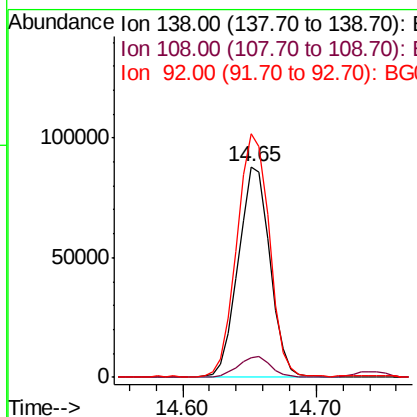
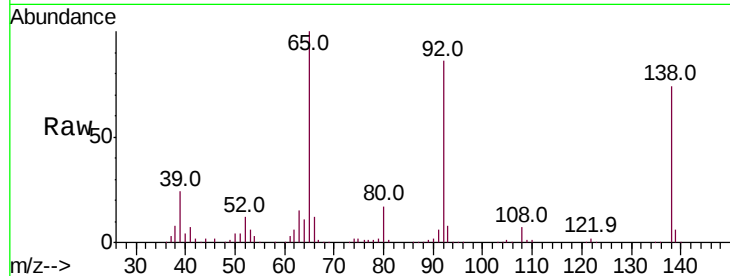
#53
 3-Nitroaniline
 Concen: 32.994 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion:138	Resp:	144815
Ion Ratio	Lower	Upper
138	100	
108	9.1	11.0 16.6#
92	115.7	95.2 142.8

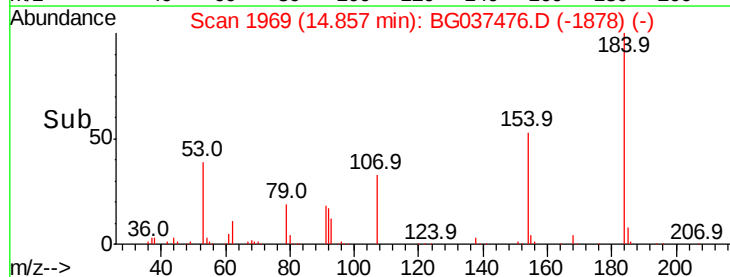
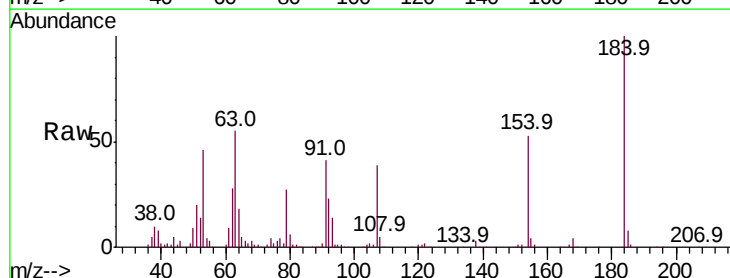
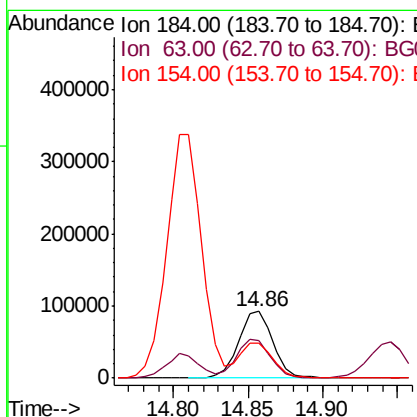
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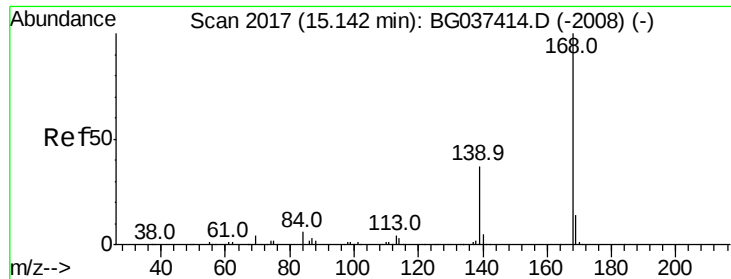
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#54
 2,4-Dinitrophenol
 Concen: 82.347 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion:184	Resp:	147304
Ion Ratio	Lower	Upper
184	100	
63	55.5	42.6 63.8
154	52.5	41.8 62.6





#55

Dibenzenofuran

Concen: 39.173 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PB114082BS

Tot Ion:168 Resp: 870322

Ion Ratio Lower Upper

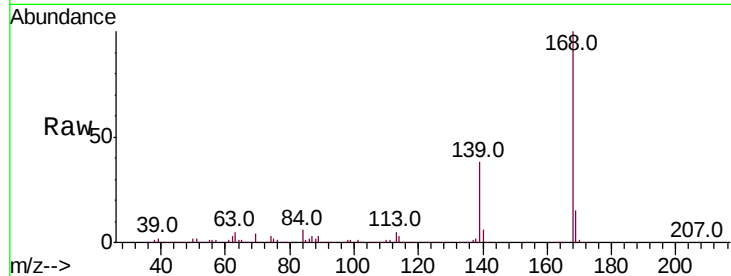
168 100

139 37.6 29.4 44.0

169 14.5 11.0 16.6

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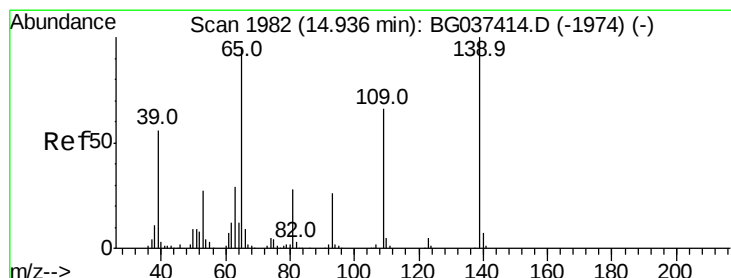
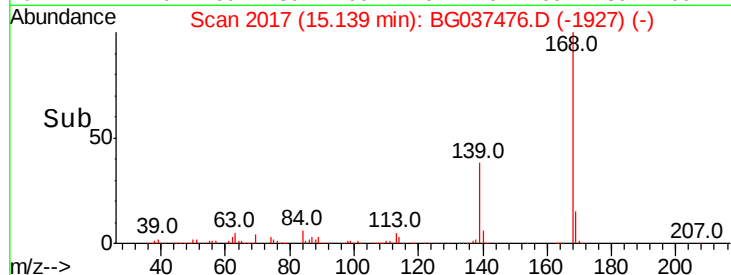
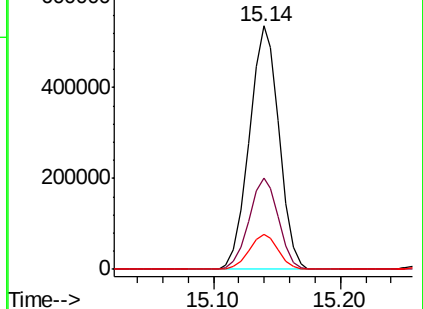
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.669 ng

RT: 14.95 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

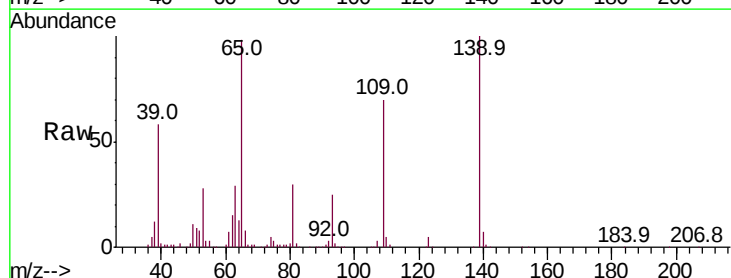
Tgt Ion:139 Resp: 288070

Ion Ratio Lower Upper

139 100

109 70.0 49.5 89.5

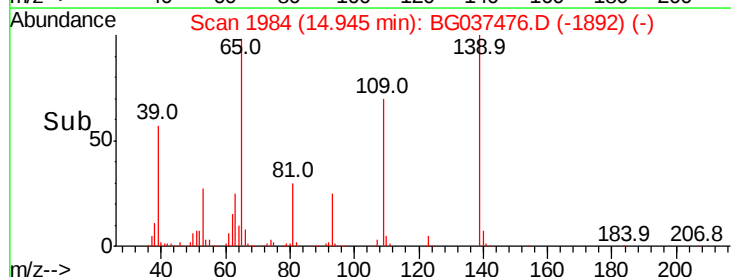
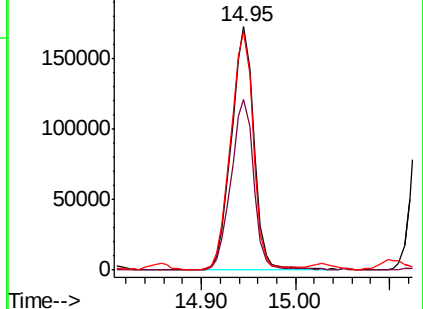
65 97.9 76.8 116.8

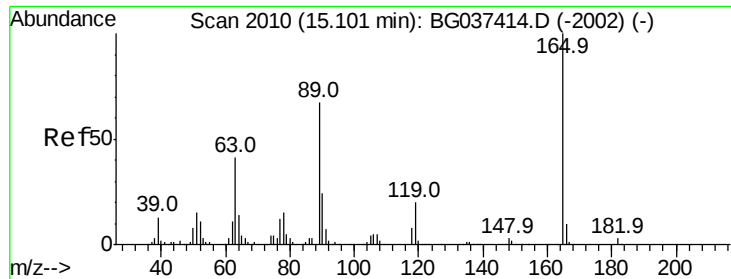


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





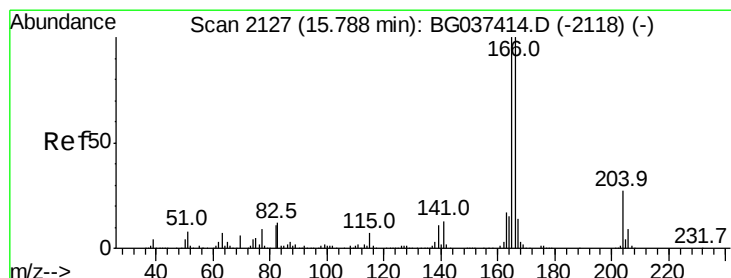
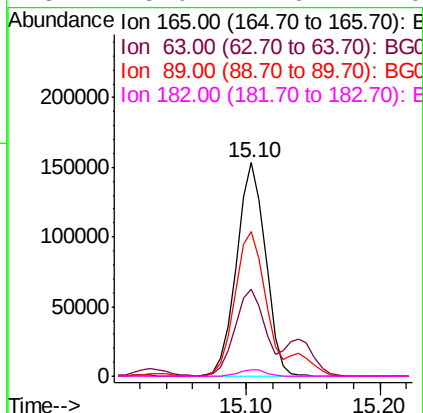
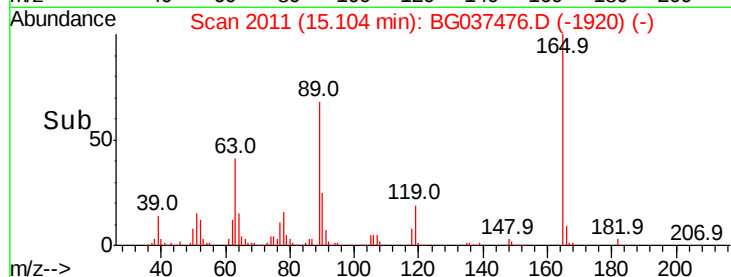
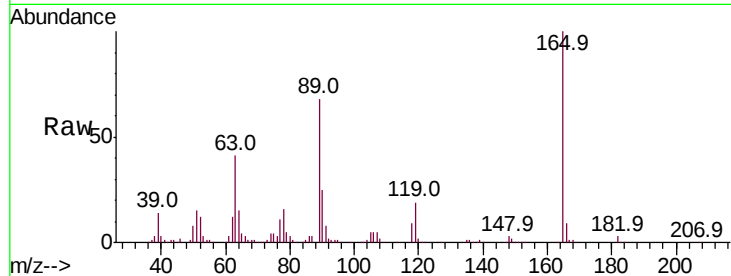
#57
2,4-Dinitrotoluene
Concen: 44.254 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	229671		
63	41.0		33.4	50.0
89	67.5		57.2	85.8
182	3.0		2.6	4.0

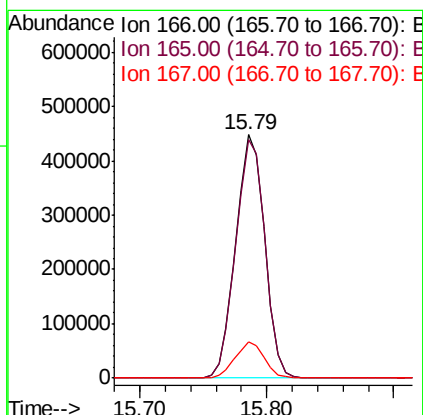
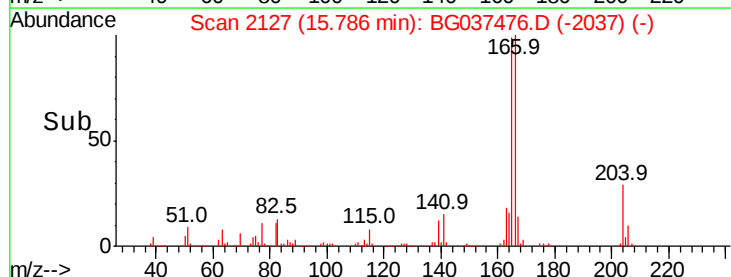
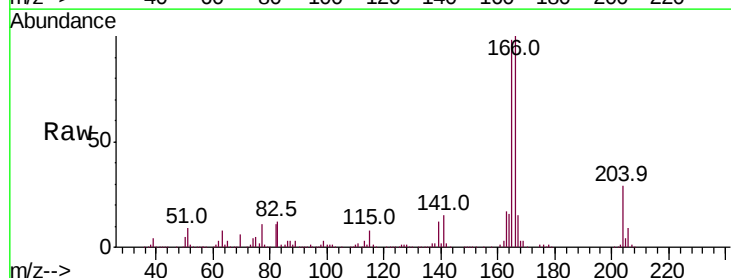
Manual Integrations
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#58
Fluorene
Concen: 42.488 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	706902		
165	98.1		79.0	118.6
167	14.7		11.3	16.9





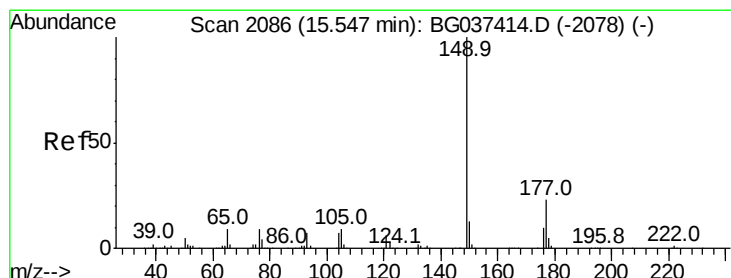
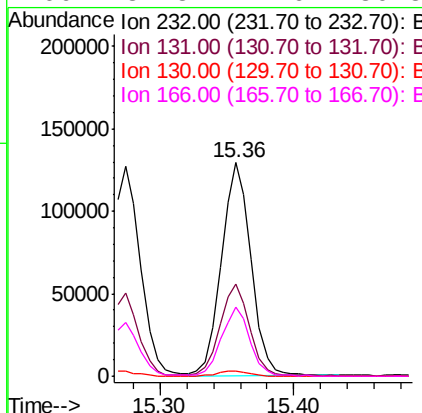
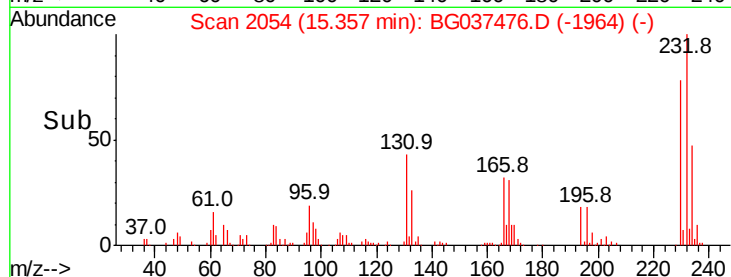
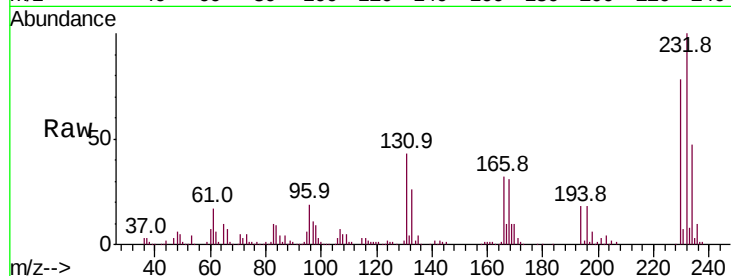
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.233 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	200638		
131	43.3		33.7	50.5
130	2.6		2.1	3.1
166	31.8		24.6	36.8

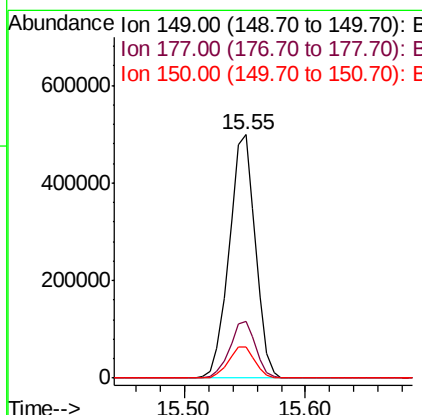
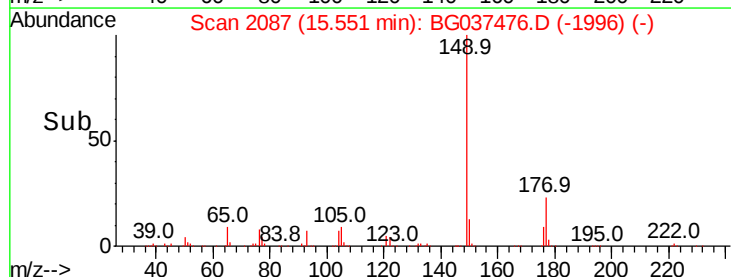
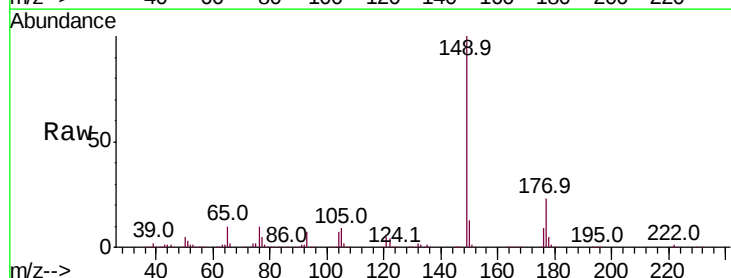
Manual Integrations
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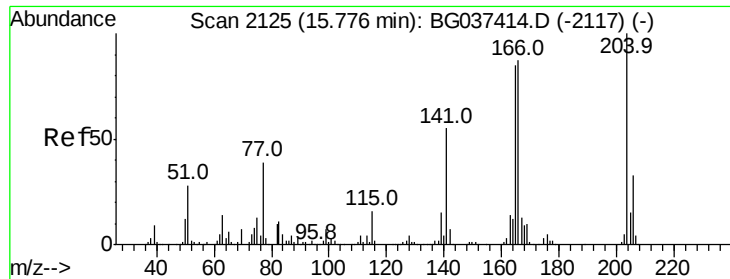
Sohil
 10/24/2018 10:55:59 AM



#60
 Diethylphthalate
 Concen: 40.848 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	749506		
177	23.4		18.3	27.5
150	12.8		10.0	15.0





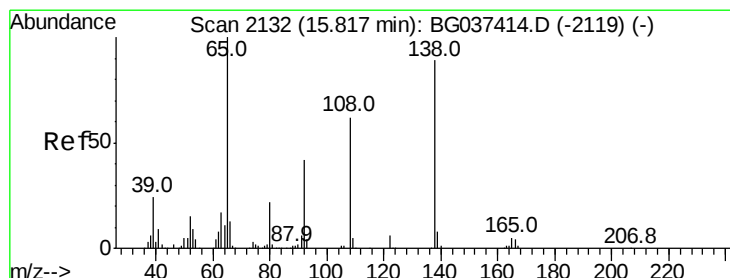
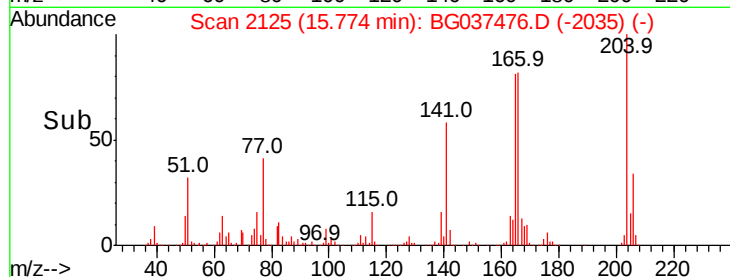
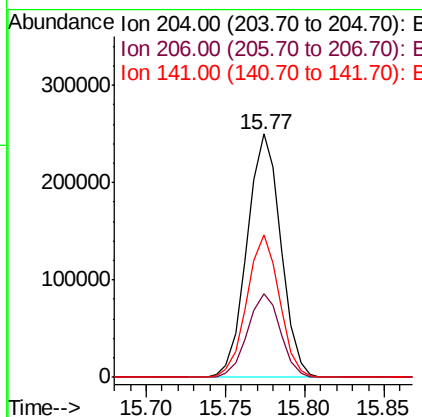
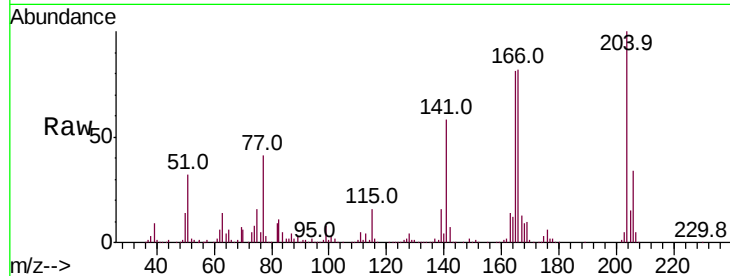
#61
 4-Chlorophenyl-phenylether
 Concen: 38.072 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion:	204	Resp:	369205
Ion Ratio		Lower	Upper
204	100		
206	34.3	26.6	39.8
141	58.3	45.4	68.2

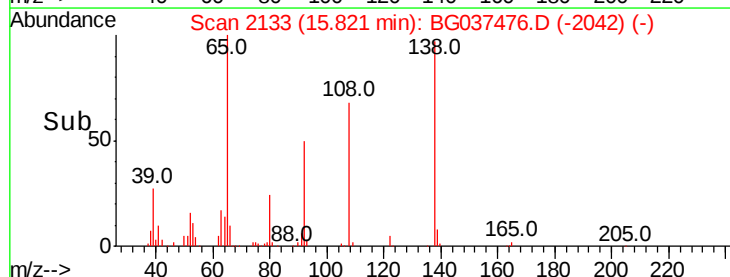
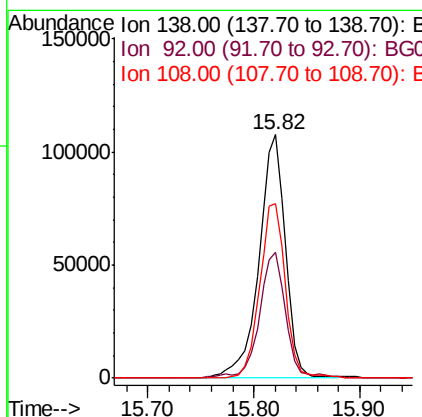
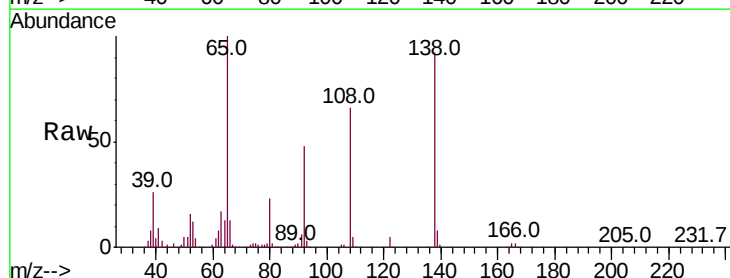
Manual Integrations
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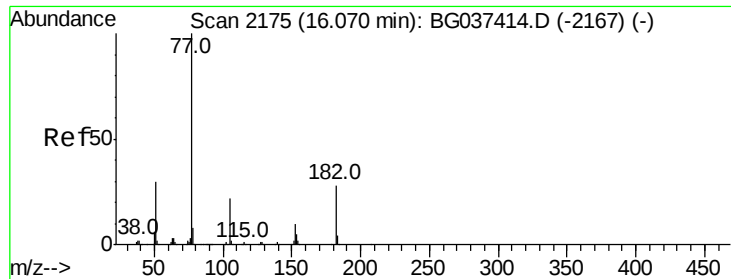
Sohil
 10/24/2018 10:55:59 AM



#62
 4-Nitroaniline
 Concen: 42.865 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion:	138	Resp:	186947
Ion Ratio		Lower	Upper
138	100		
92	51.8	36.4	76.4
108	71.9	60.1	100.1





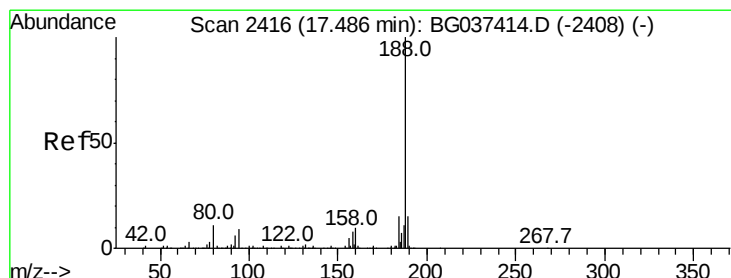
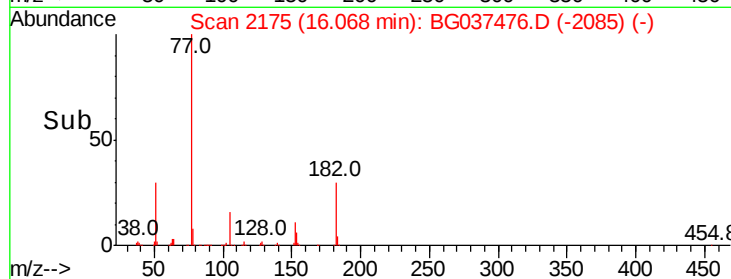
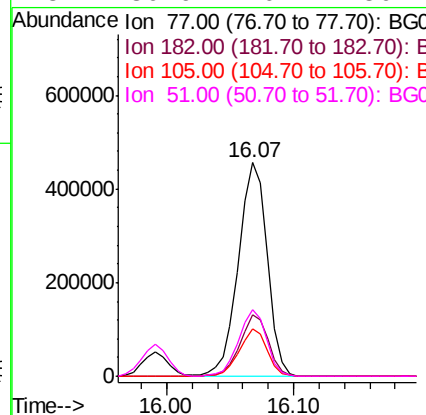
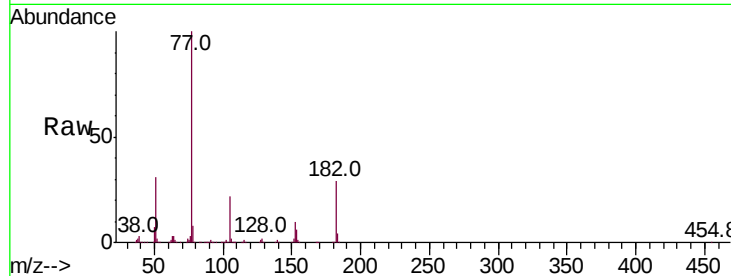
#63
Azobenzene
Concen: 40.795 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.0	48.0
105	22.0	1.3	41.3
51	30.9	10.7	50.7

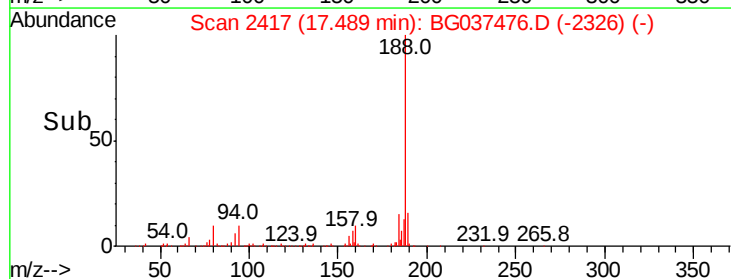
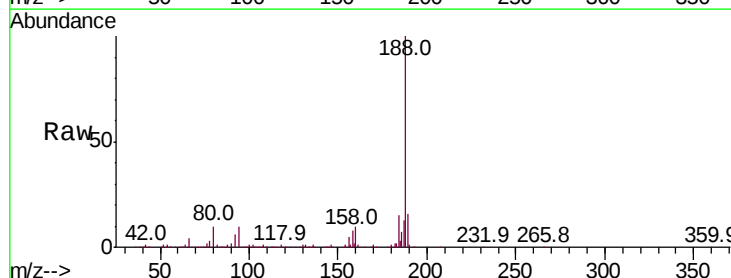
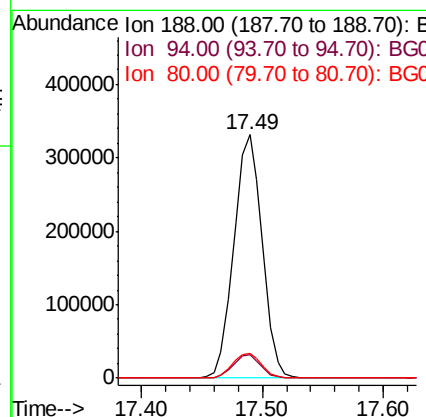
Manual Integrations
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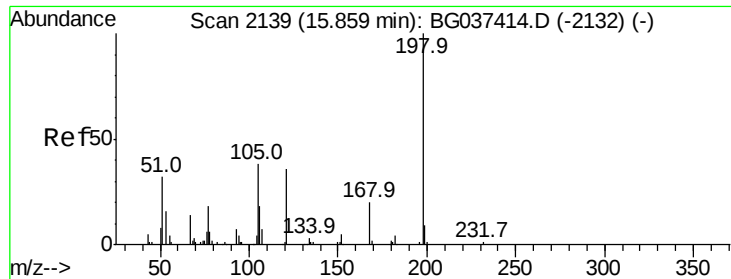
Sohil
10/24/2018 10:55:59 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 41.265 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

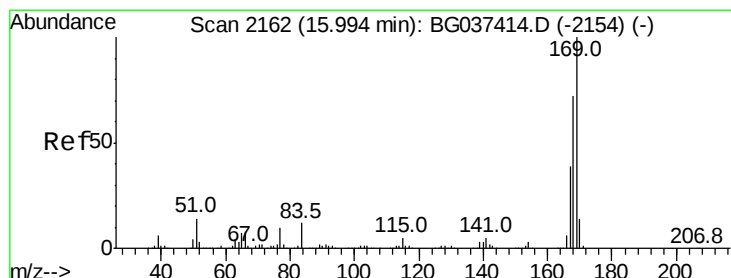
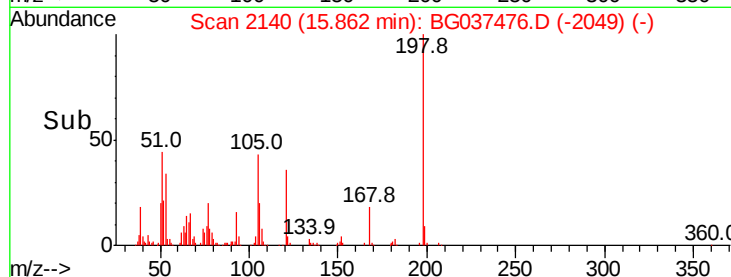
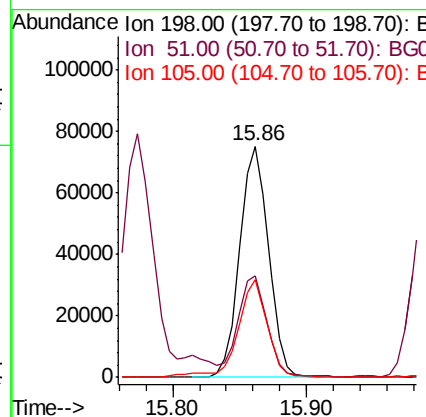
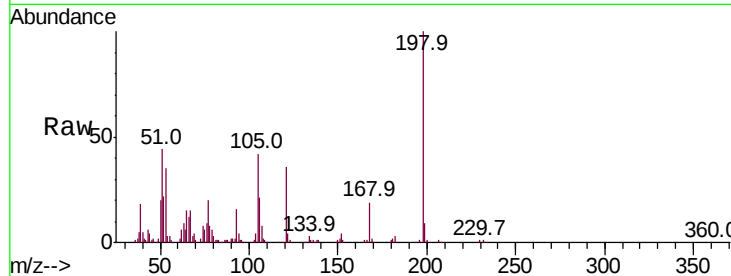
ClientSampleId :

PB114082BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	112819		
51	44.1	22.7	62.7	
105	42.4	19.7	59.7	

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.900 ng

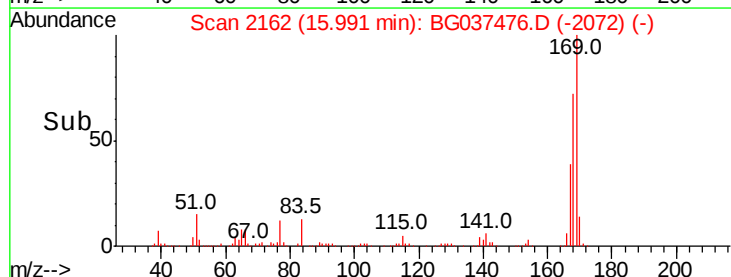
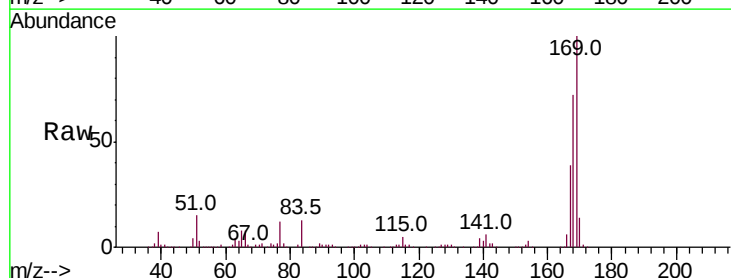
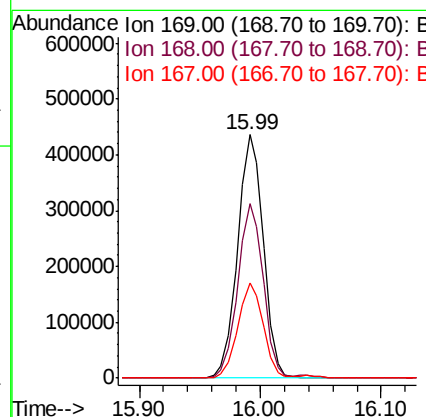
RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	648096		
168	71.9	55.7	83.5	
167	39.0	31.3	46.9	





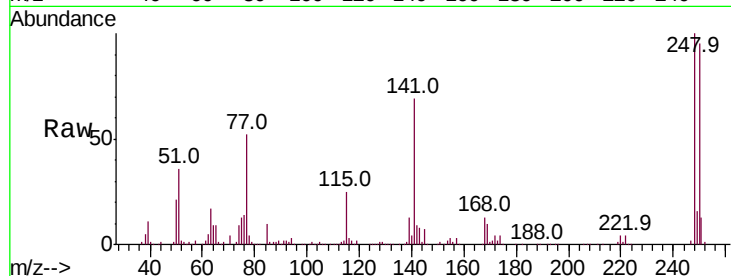
#67
 4-Bromophenyl-phenylether
 Concen: 39.846 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	77.0	115.6
141	69.0	55.5	83.3

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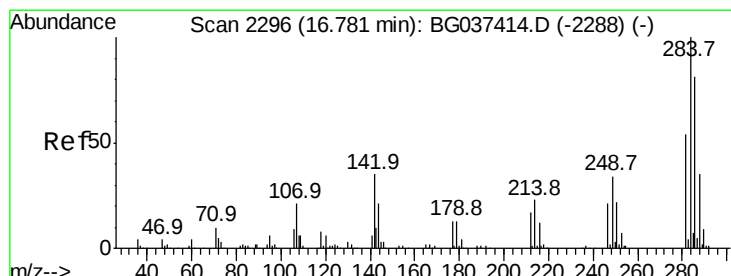
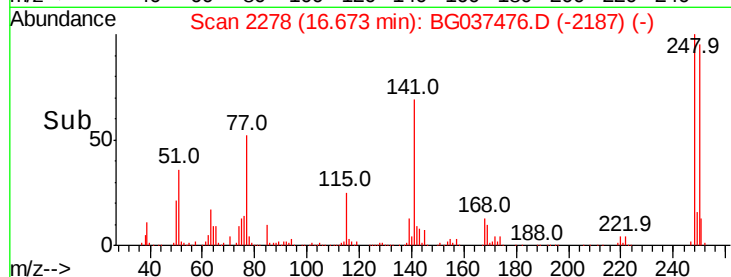
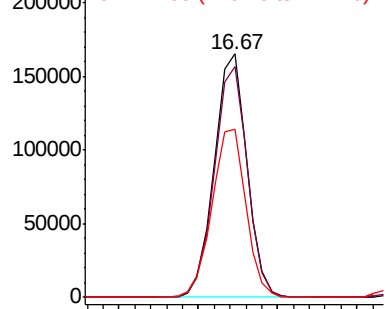


Abundance

Ion 248.00 (247.70 to 248.70): E

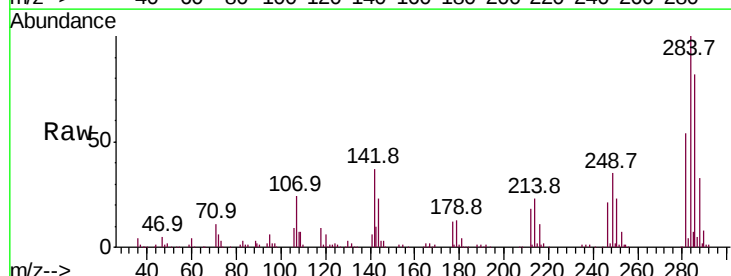
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.268 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	28.1	42.1
249	37.4	29.8	44.8

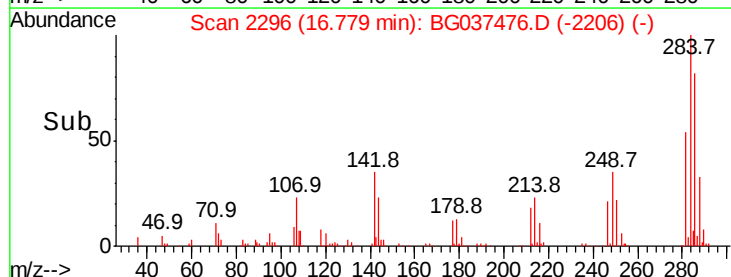
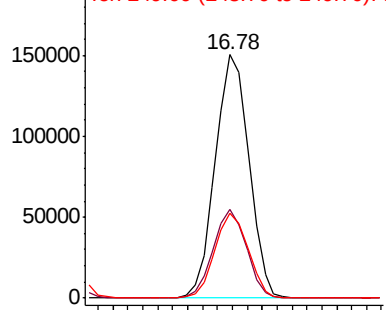


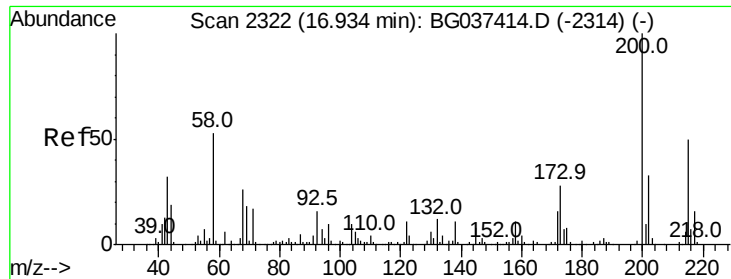
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





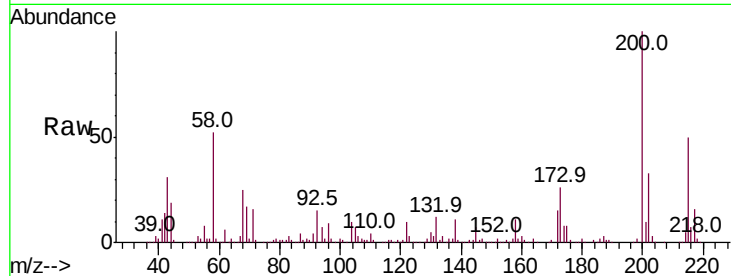
#69
Atrazine
Concen: 42.256 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	6.1	46.1
215	49.7	30.8	70.8

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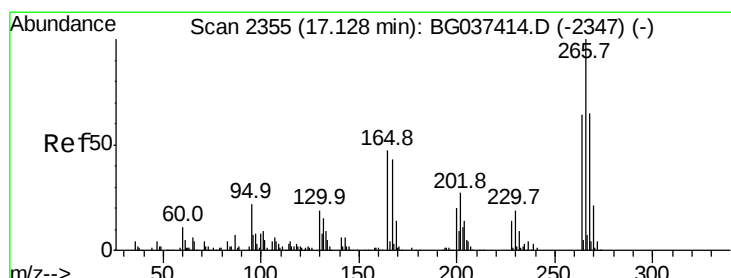
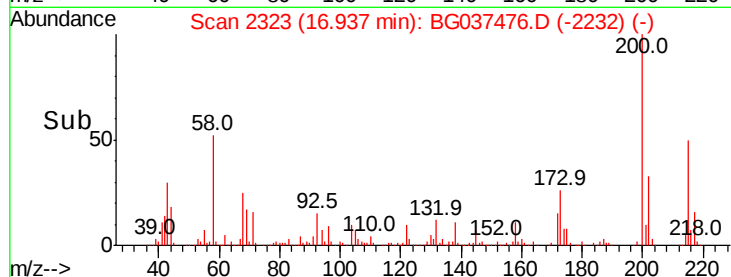
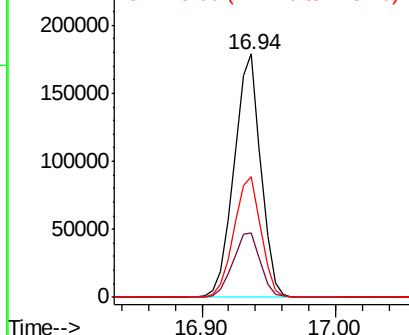


Abundance

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: 70.932 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

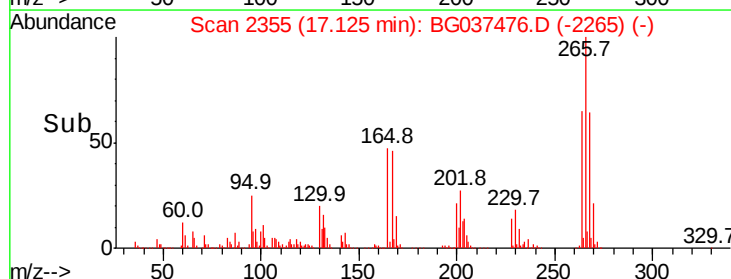
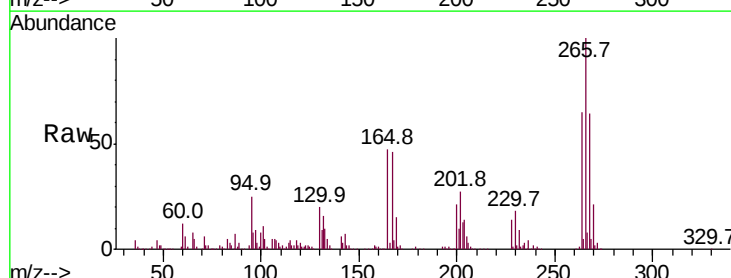
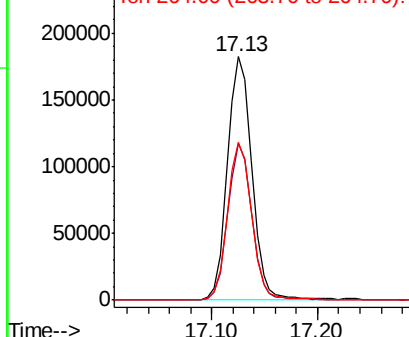
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.8	55.0	82.6
264	70.2	58.9	88.3

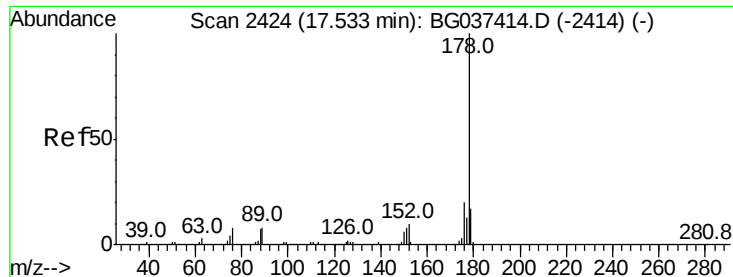
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





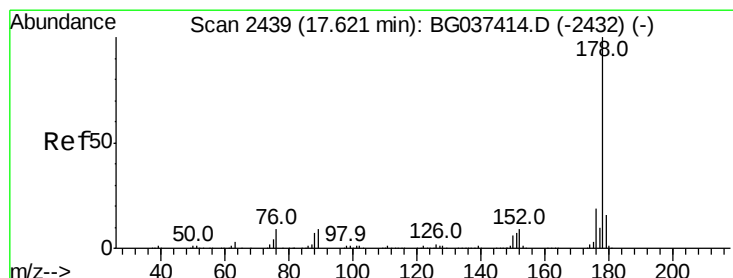
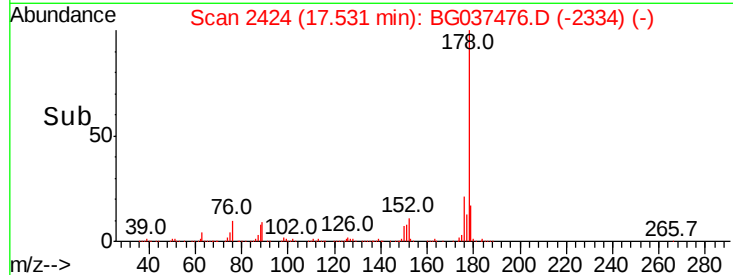
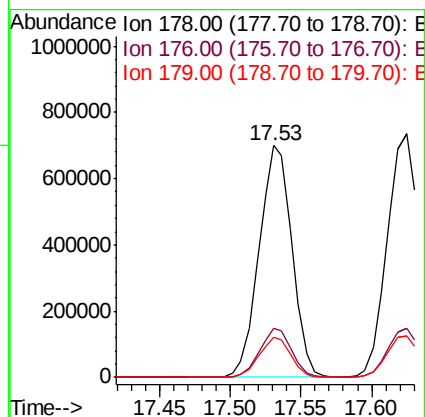
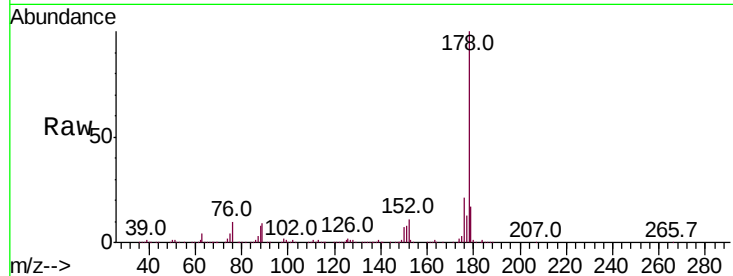
#71
Phenanthrene
Concen: 41.701 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion:178 Resp: 1144464
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 17.5 13.0 19.4

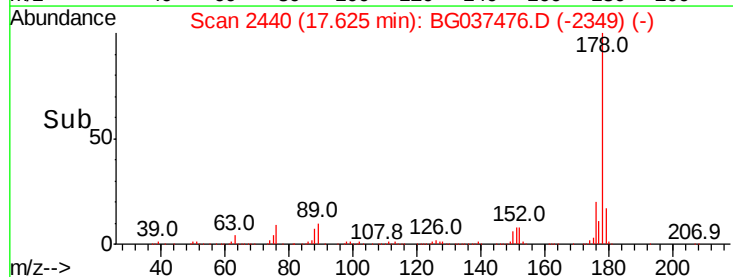
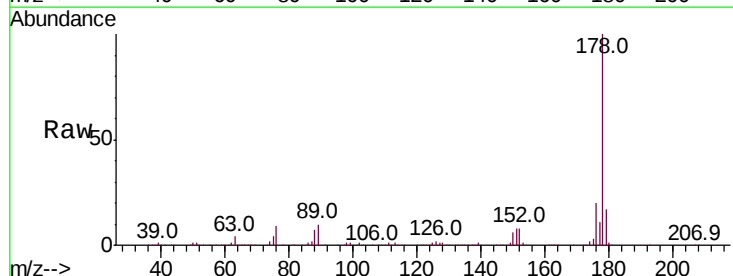
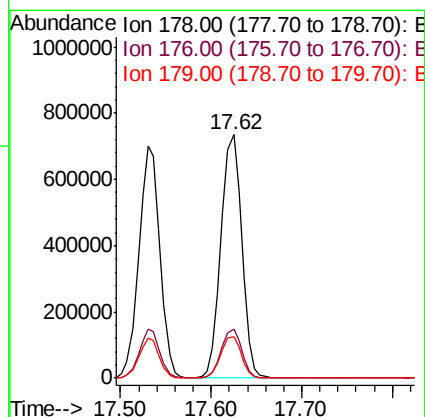
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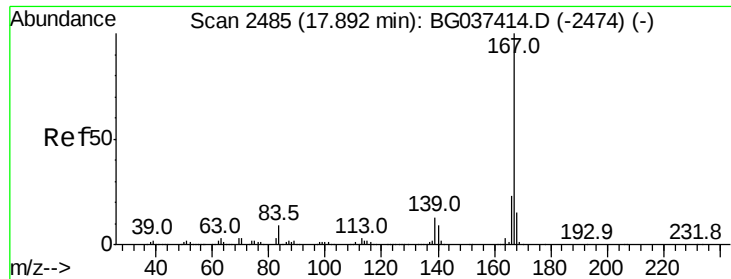
Sohil
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#72
Anthracene
Concen: 43.358 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion:178 Resp: 1167739
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.0 12.8 19.2





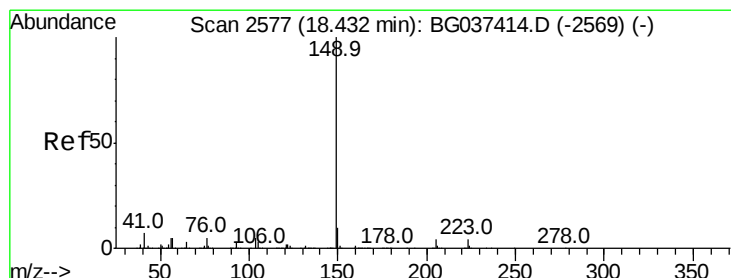
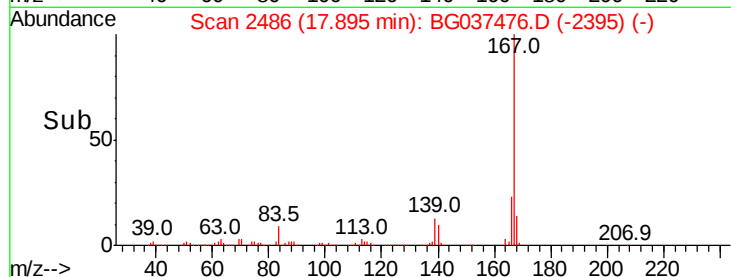
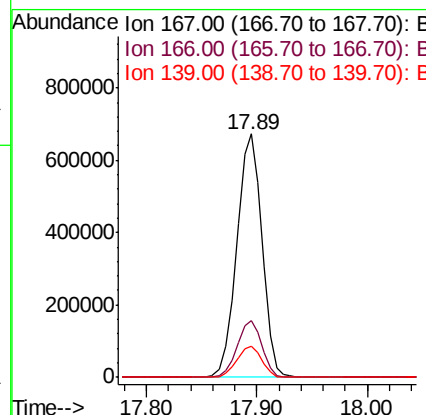
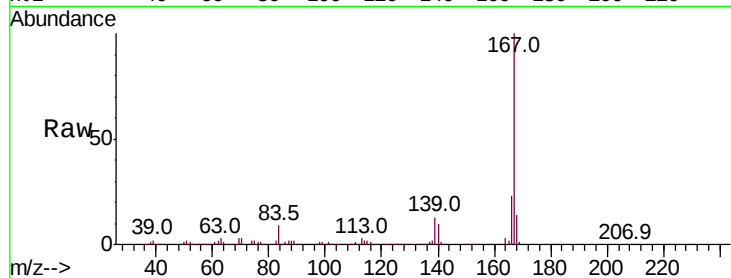
#73
 Carbazole
 Concen: 39.904 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	12.7	10.5	15.7

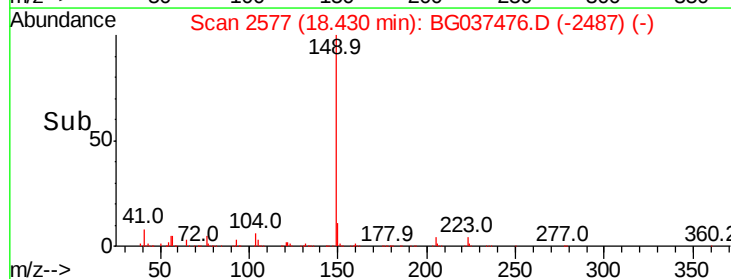
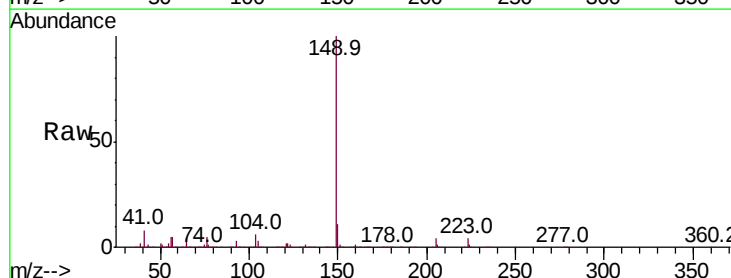
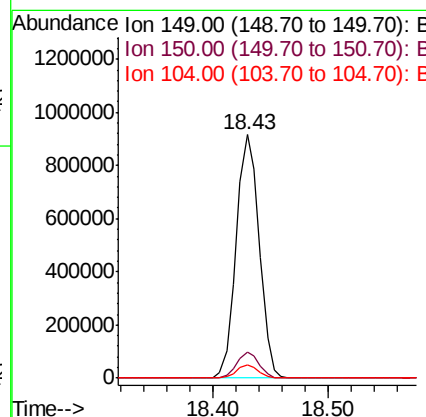
Manual Integrations
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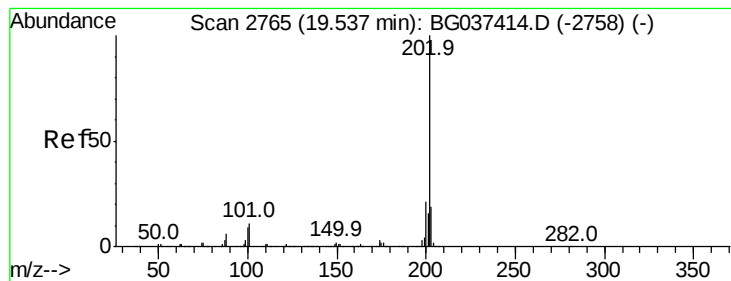
Sohil
 10/24/2018 10:55:59 AM



#74
 Di-n-butylphthalate
 Concen: 42.118 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 42.739 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

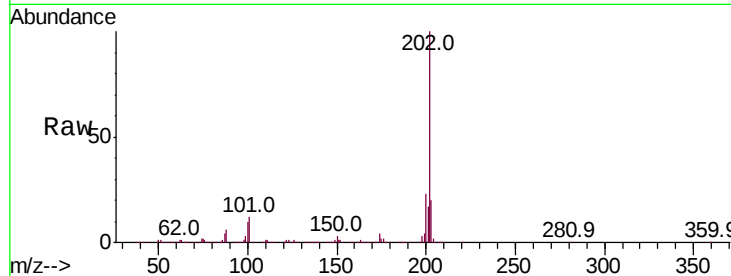
ClientSampleId :

PB114082BS

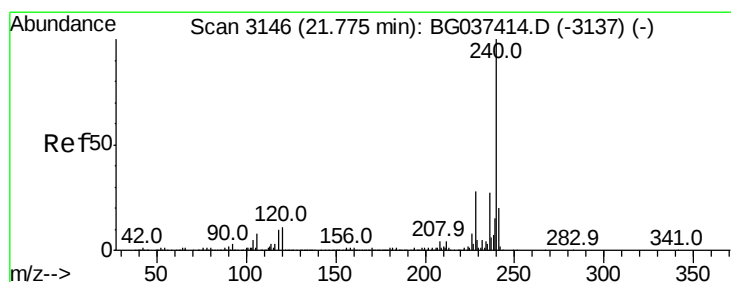
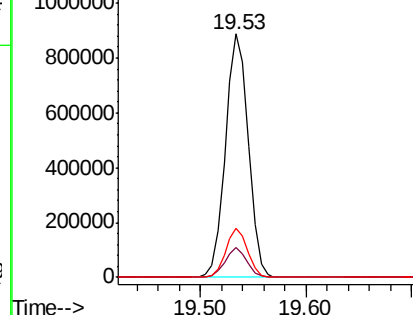
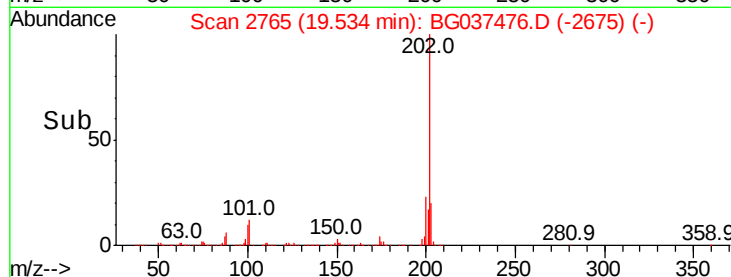
Tot Ion:	202	Resp:	1330336
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.7
203	20.0	0.0	38.5

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



#76

Chrysene-d12

Concen: 20.000 ng

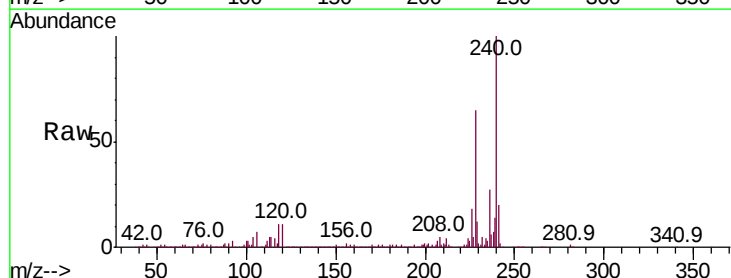
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

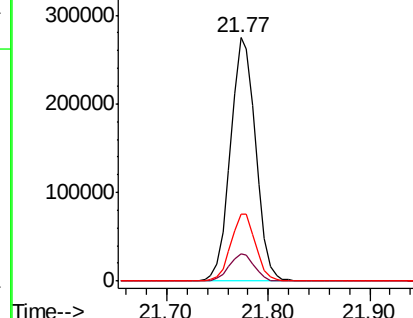
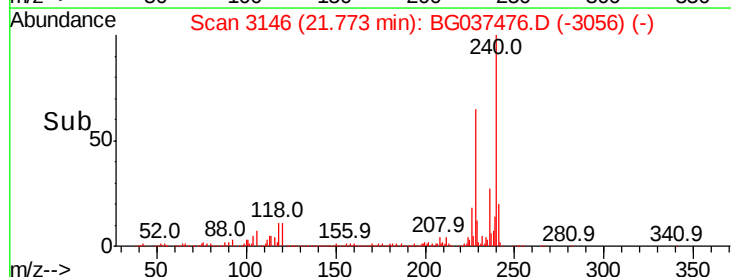
Lab File: BG037476.D

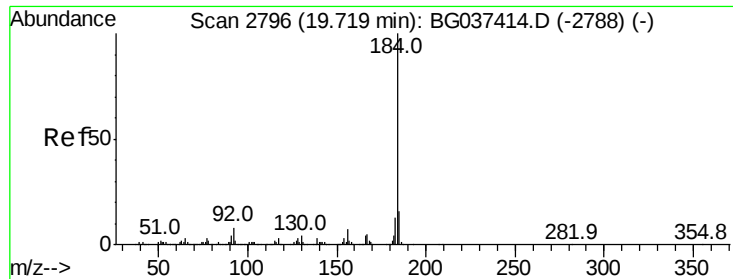
Acq: 23 Oct 2018 14:54

Tgt Ion:	240	Resp:	472138
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	27.5	21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.767 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

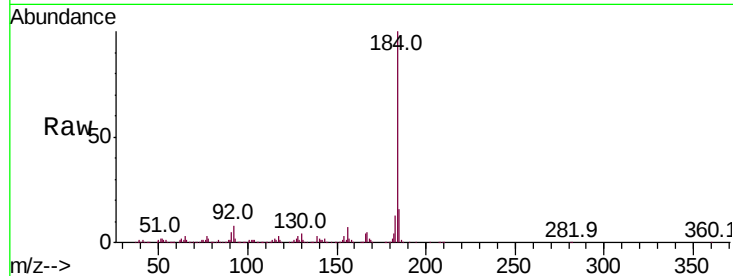
ClientSampleId :

PB114082BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	13.0	10.2	15.2

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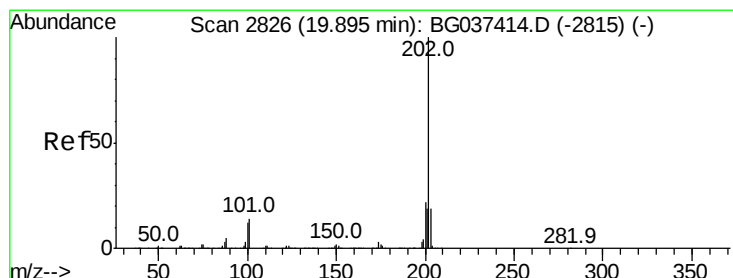
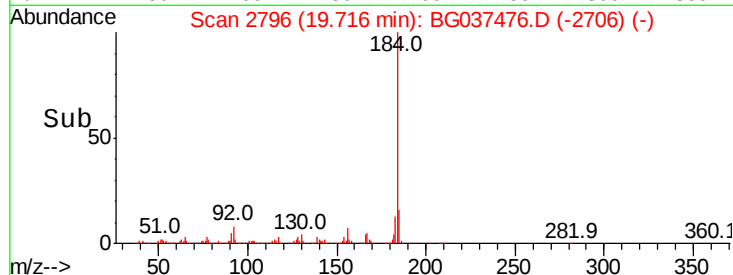
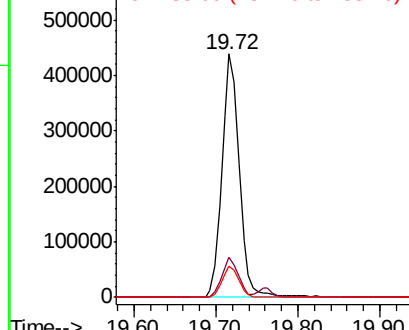


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.136 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

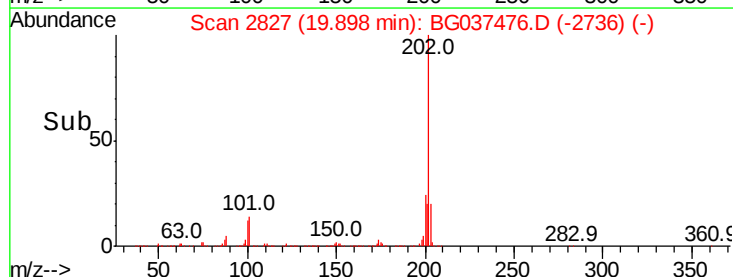
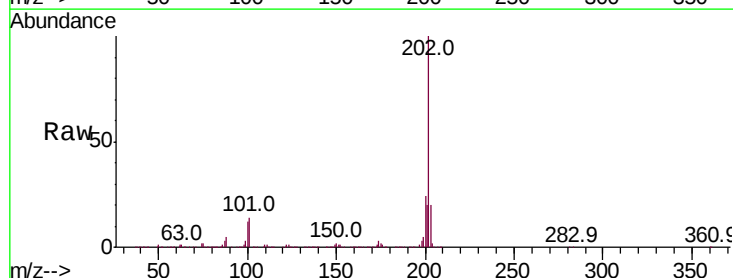
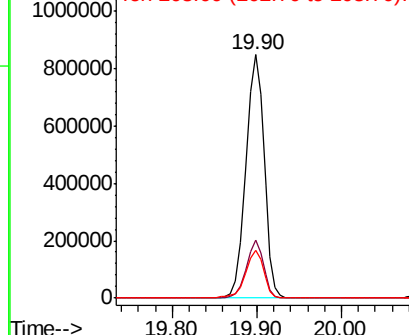
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.8	26.6
203	19.7	15.2	22.8

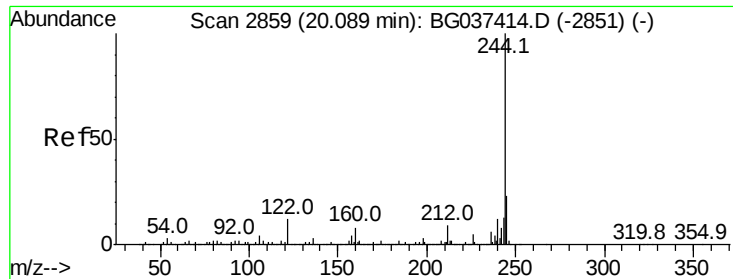
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.044 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PB114082BS

Tot Ion:244 Resp: 1348821

Ion Ratio Lower Upper

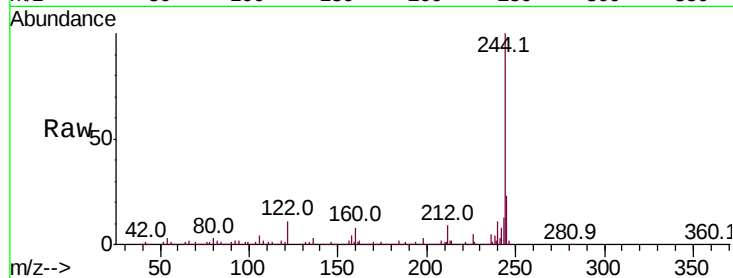
244 100

212 8.6 6.5 9.7

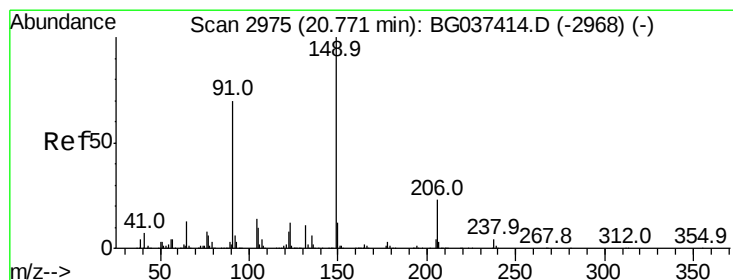
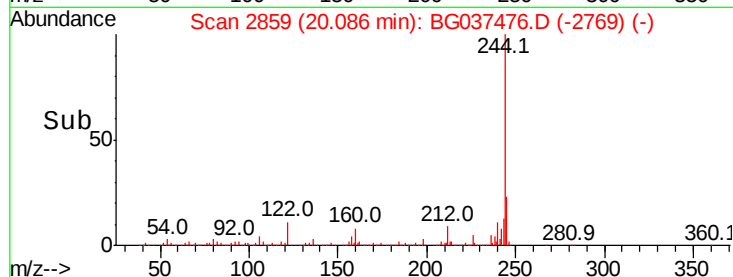
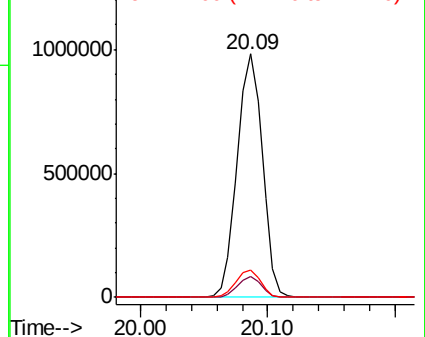
122 11.0 9.0 13.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.618 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

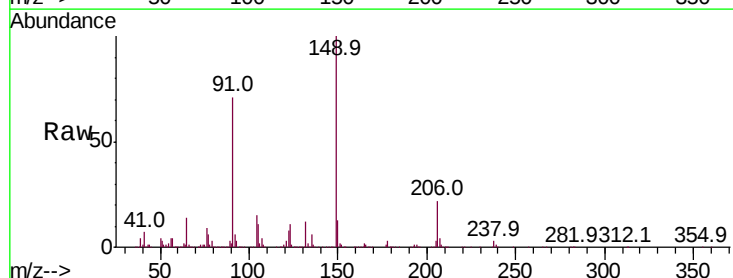
Tgt Ion:149 Resp: 563593

Ion Ratio Lower Upper

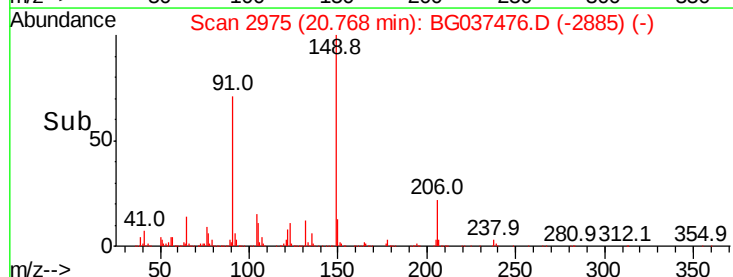
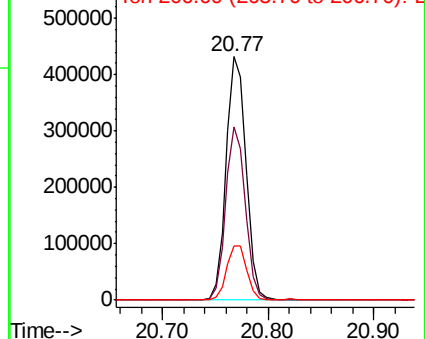
149 100

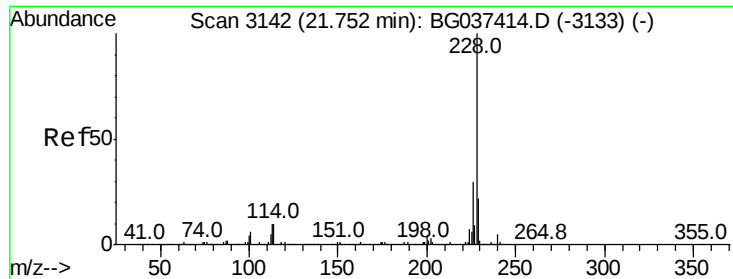
91 71.1 57.0 85.4

206 22.4 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.603 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Instrument :

BNA_G

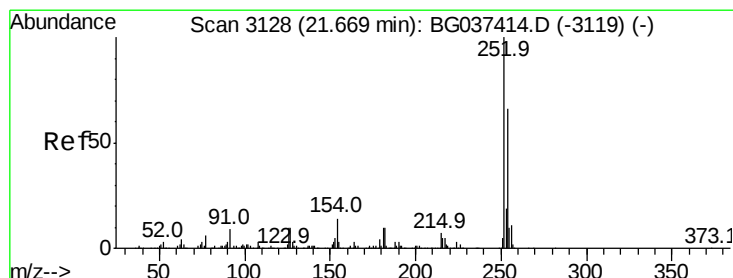
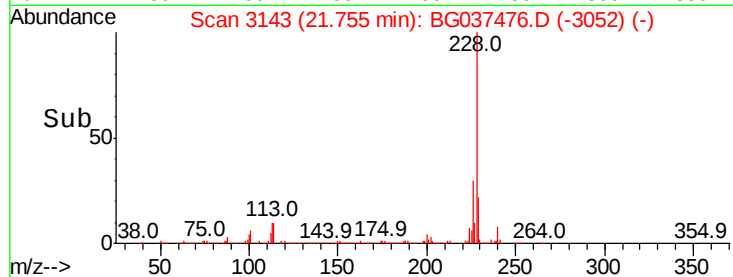
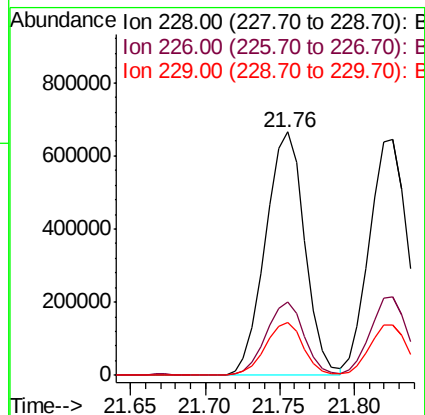
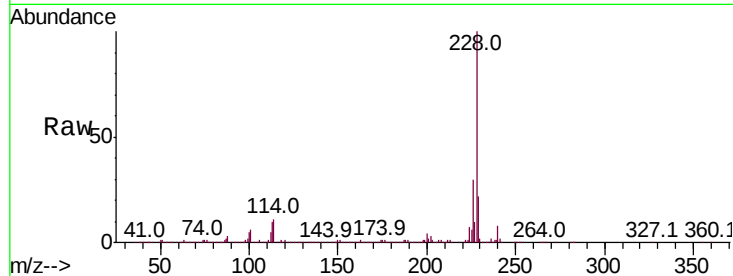
ClientSampleId :

PB114082BS

Tot Ion:	228	Resp:	1217681
Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.5	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 32.645 ng

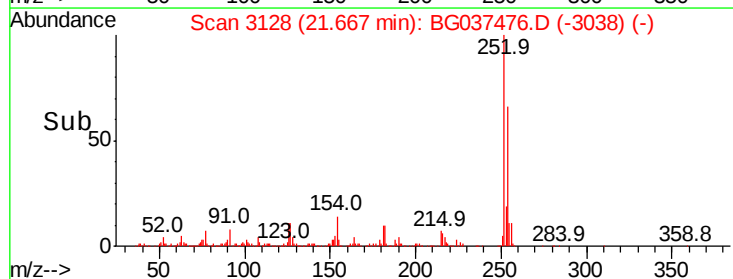
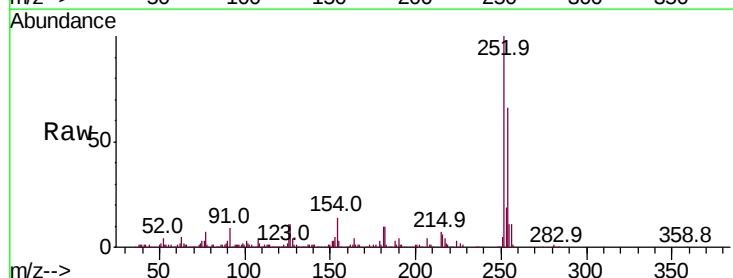
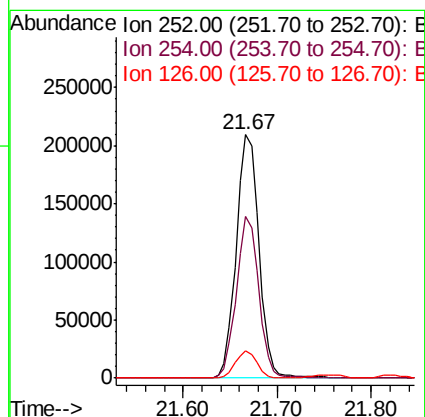
RT: 21.67 min Scan# 3128

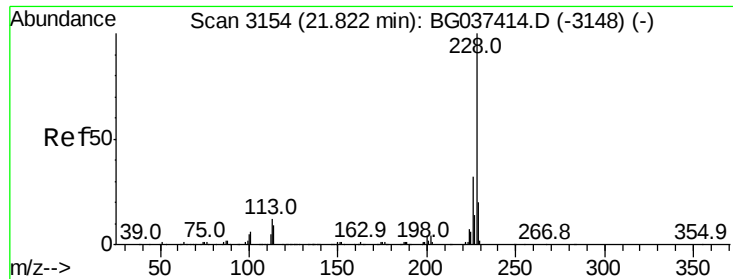
Delta R.T. -0.00 min

Lab File: BG037476.D

Acq: 23 Oct 2018 14:54

Tgt Ion:	252	Resp:	353371
Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.0	78.0
126	11.3	8.2	12.4





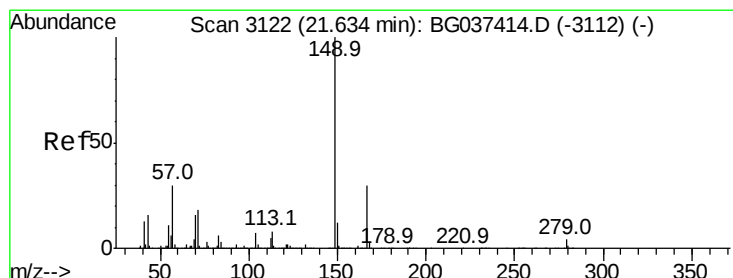
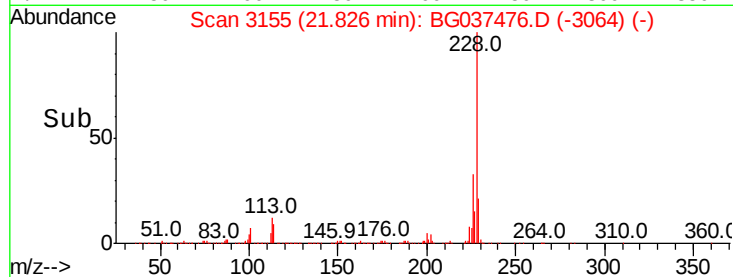
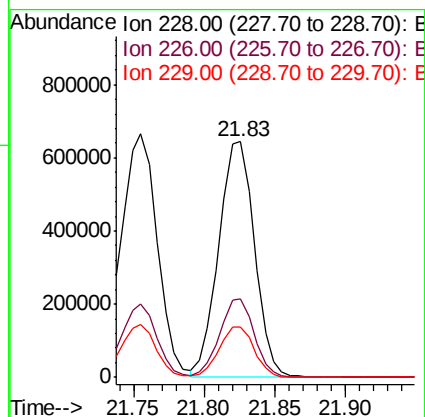
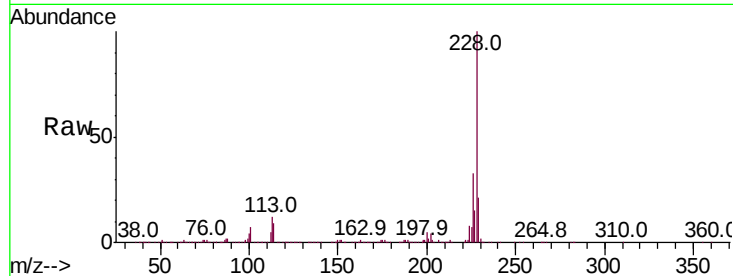
#83
 Chrvsene
 Concen: 42.300 ng
 RT: 21.83 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114082BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.7	38.5
229	21.4	16.5	24.7

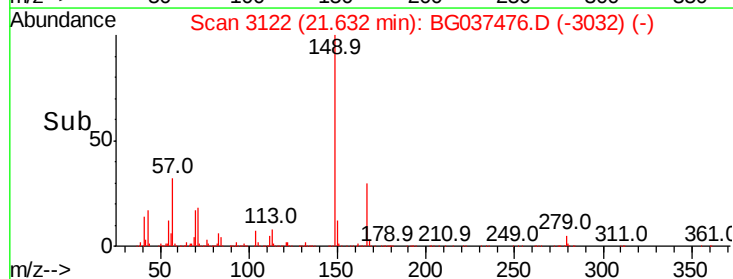
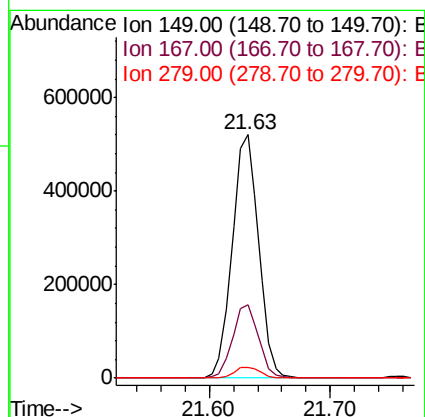
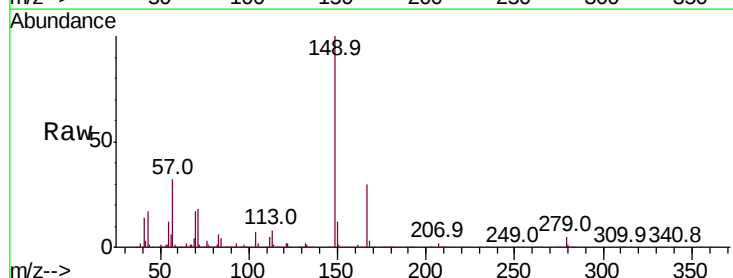
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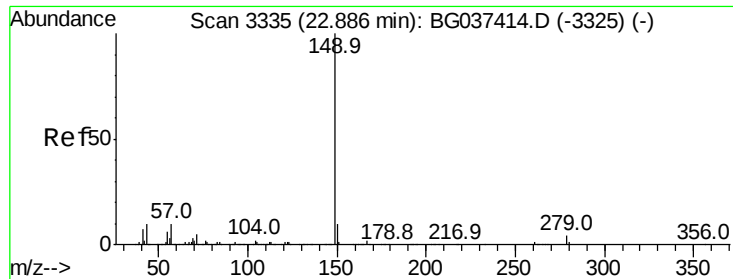
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.761 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037476.D
 Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.0	34.4
279	4.5	3.6	5.4





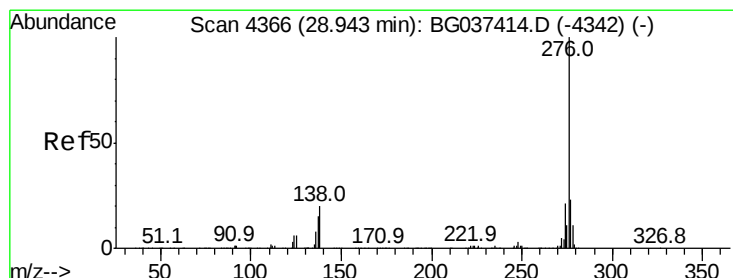
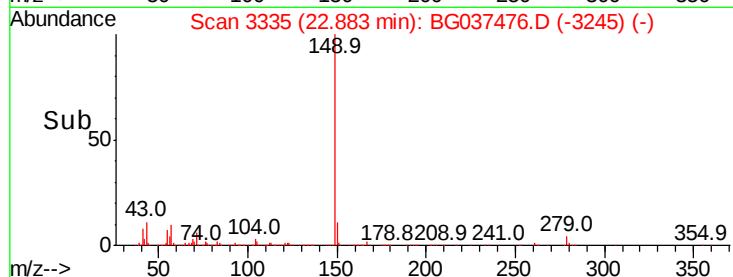
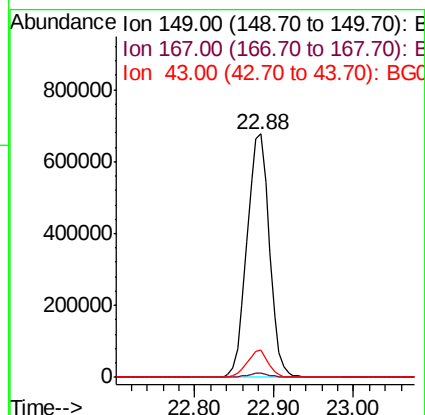
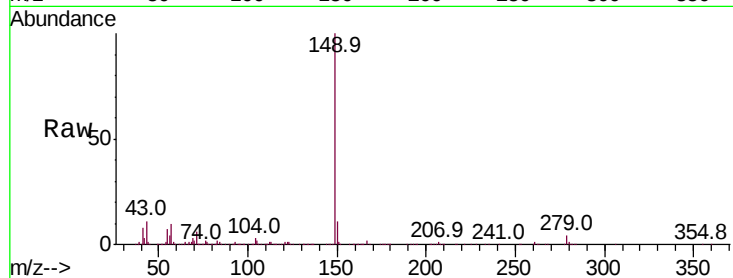
#85
Di-n-octyl phthalate
Concen: 46.134 ng
RT: 22.88 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.4	8.7	13.1

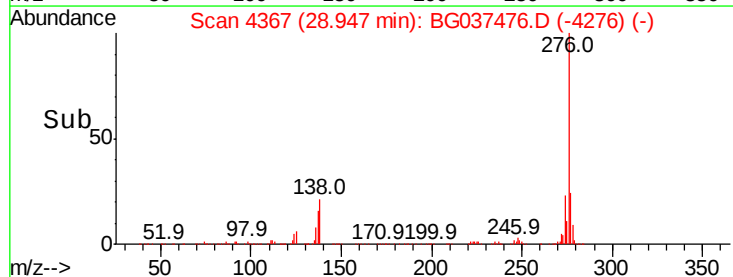
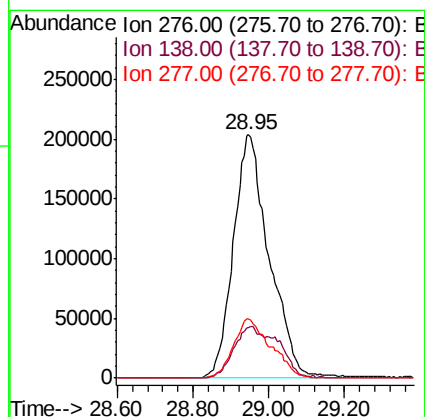
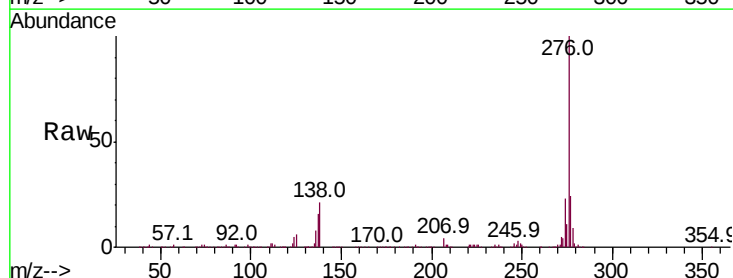
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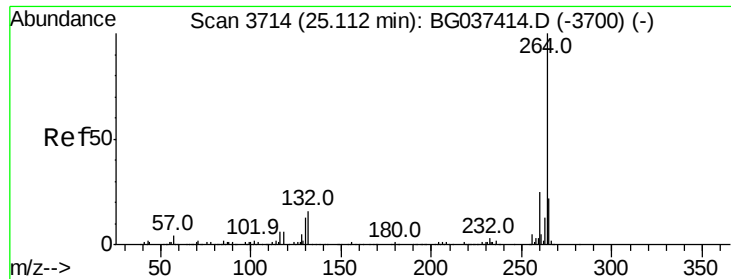
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.557 ng
RT: 28.95 min Scan# 4367
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	12.0	18.0#
277	25.5	20.6	30.8





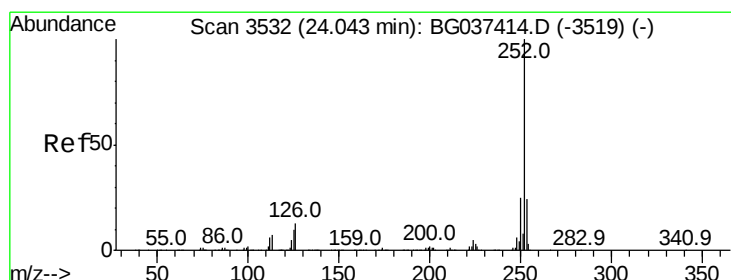
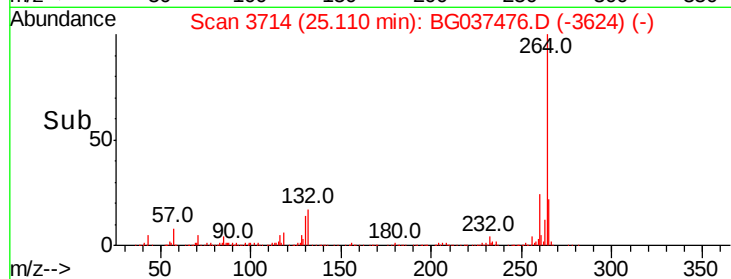
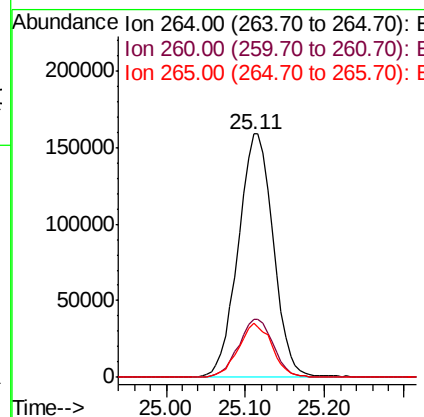
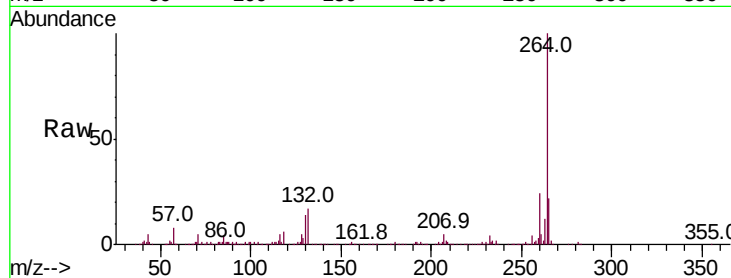
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.4	17.9	26.9

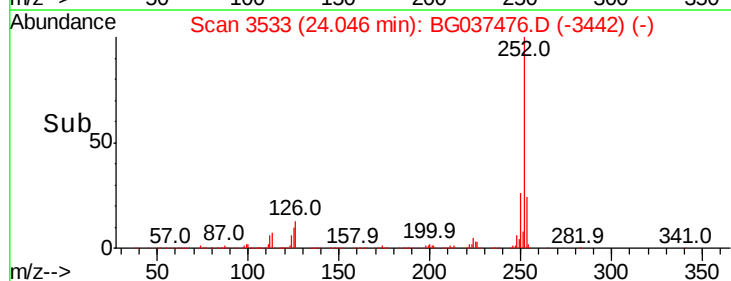
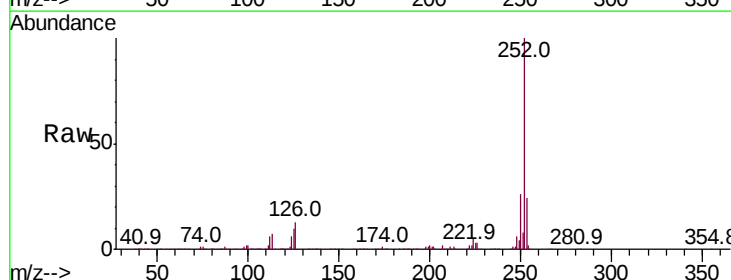
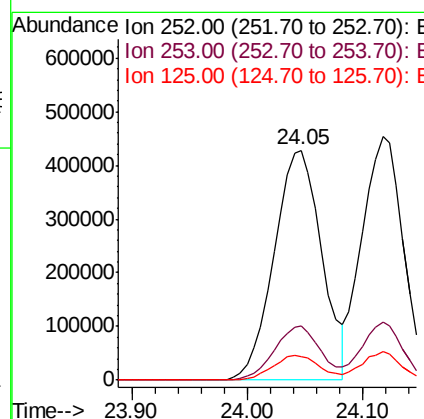
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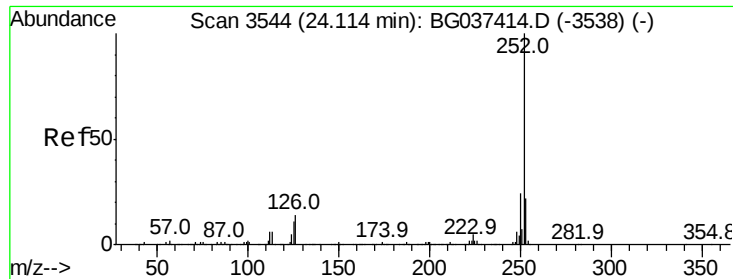
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#88
Benzo(b)fluoranthene
Concen: 45.833 ng
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	10.1	7.8	11.6





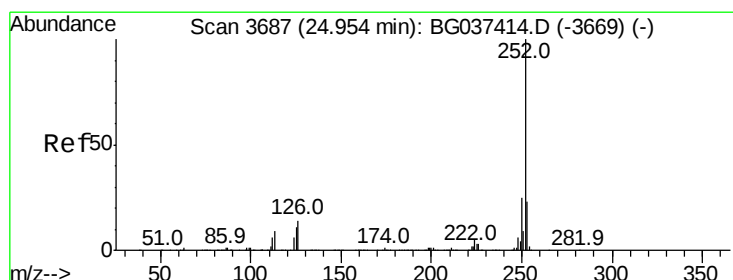
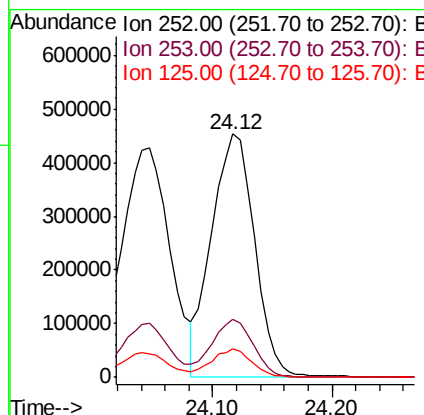
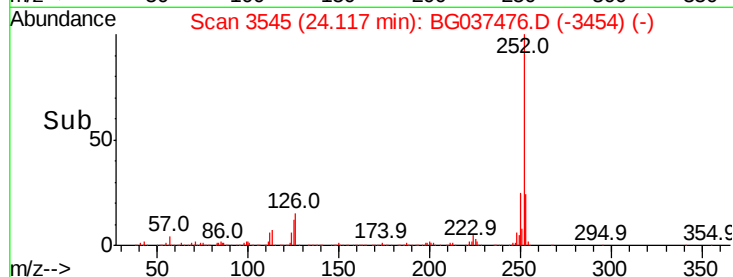
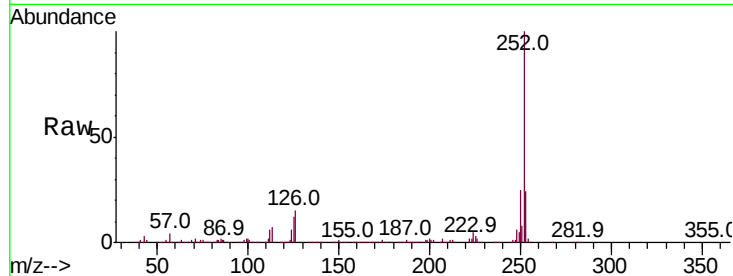
#89
Benzo(k)fluoranthene
Concen: 43.392 ng m
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	11.7	7.4	11.0

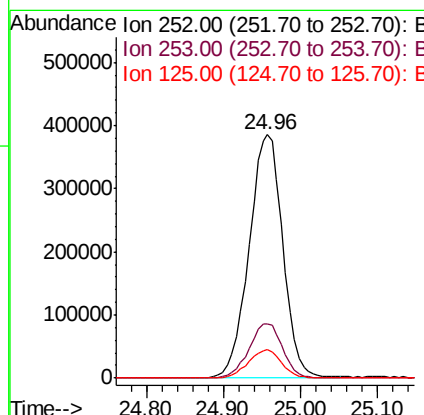
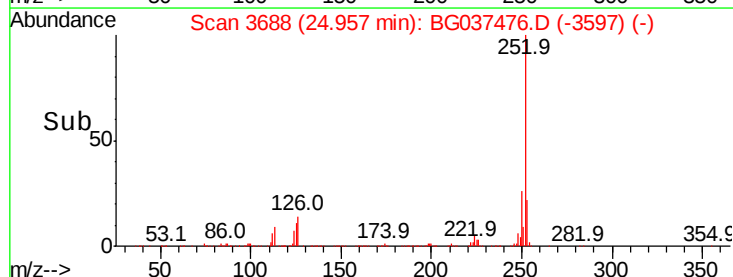
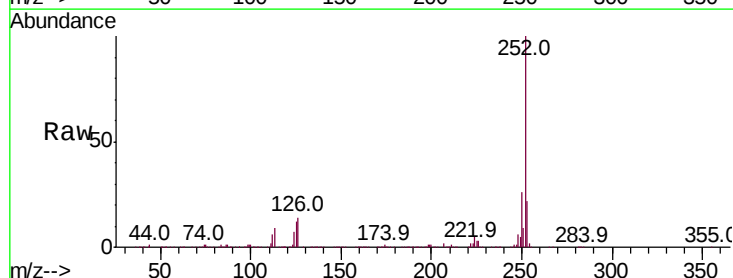
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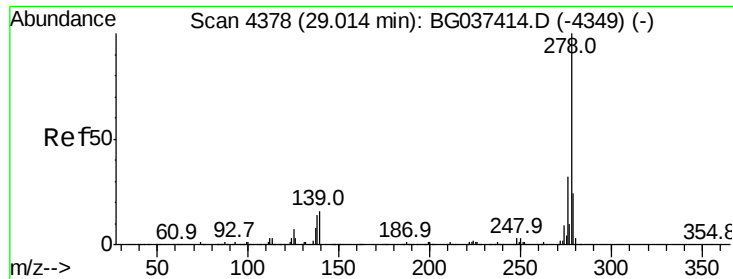
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#90
Benzo(a)pyrene
Concen: 46.297 ng
RT: 24.96 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.5	9.0	13.6





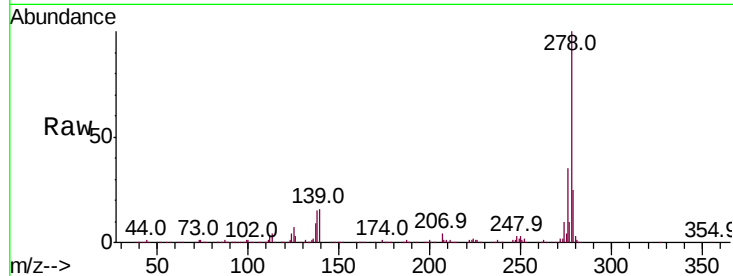
#91
Dibenzo(a,h)anthracene
Concen: 46.360 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.5	17.3
279	25.1	18.6	27.8

Manual Integrations
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Sohil
10/24/2018 10:55:59 AM

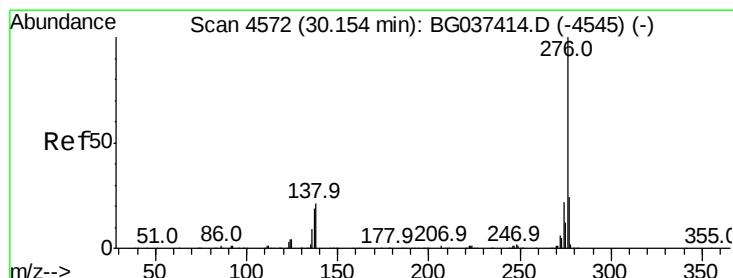
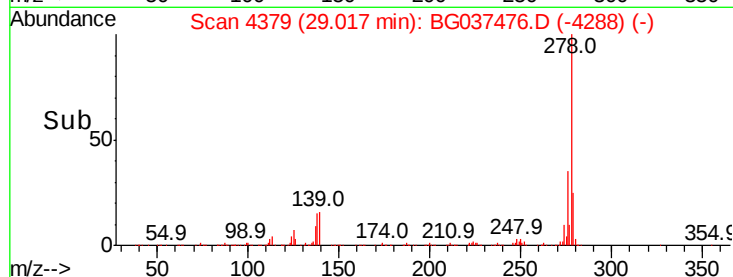
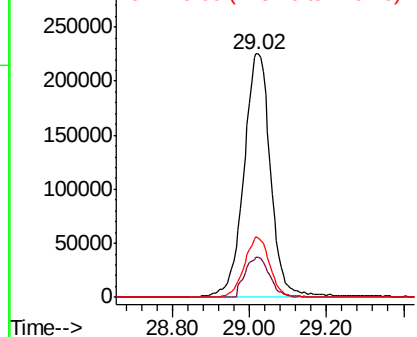


Abundance

Ion 278.00 (277.70 to 278.70): E

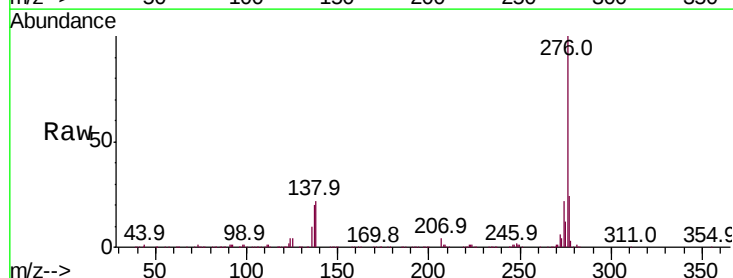
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.775 ng
RT: 30.16 min Scan# 4574
Delta R.T. 0.01 min
Lab File: BG037476.D
Acq: 23 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	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

