

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040450.D
 Acq On : 11 Apr 2019 20:49
 Operator : JU/SJ
 Sample : PB118783BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:22:47 AM

Quant Time: Apr 12 06:56:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	64831	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	276017	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	175000	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	446356	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	447173	20.00	ng	-0.03
87) Perylene-d12	24.97	264	431551	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	529729	135.83	ng	-0.01
7) Phenol-d6	7.20	99	715442	132.74	ng	-0.02
23) Nitrobenzene-d5	9.22	82	388983	74.91	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	269872	142.69	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	876788	74.24	ng	-0.03
79) Terphenyl-d14	20.02	244	1458219	73.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	92877	50.649	ng	97
3) Pyridine	3.89	79	163194	33.053	ng	98
4) n-Nitrosodimethylamine	3.81	42	88306	38.666	ng	# 94
6) Aniline	7.37	93	214977	30.701	ng	99
8) 2-Chlorophenol	7.61	128	195912	42.915	ng	98
9) Benzaldehyde	7.19	77	71999	19.475	ng	97
10) Phenol	7.23	94	257619	44.037	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	189621	40.470	ng	97
12) 1,3-Dichlorobenzene	7.93	146	198103	39.920	ng	97
13) 1,4-Dichlorobenzene	8.08	146	201393	40.746	ng	98
14) 1,2-Dichlorobenzene	8.40	146	192346	40.694	ng	99
15) Benzyl Alcohol	8.28	79	174399	40.180	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	364518	40.536	ng	98
17) 2-Methylphenol	8.48	107	179989	44.463	ng	97
18) Hexachloroethane	9.12	117	73298	38.987	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	150253	38.883	ng	97
20) 3+4-Methylphenols	8.81	107	239275	43.632	ng	99
22) Acetophenone	8.87	105	295555	42.926	ng	99
24) Nitrobenzene	9.27	77	223498	41.563	ng	99
25) Isophorone	9.78	82	430739	40.314	ng	99
26) 2-Nitrophenol	9.97	139	107555	42.212	ng	99
27) 2,4-Dimethylphenol	10.02	122	197295	48.747	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	263365	41.663	ng	99
29) 2,4-Dichlorophenol	10.51	162	196287	44.681	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	201947	41.865	ng	99
31) Naphthalene	10.91	128	601573	42.520	ng	99
32) Benzoic acid	10.17	122	84265m	34.459	ng	
33) 4-Chloroaniline	11.02	127	155351	25.742	ng	96
34) Hexachlorobutadiene	11.17	225	121961	39.533	ng	94
35) Caprolactam	11.82	113	72361m	41.507	ng	
36) 4-Chloro-3-methylphenol	12.14	107	223018	44.159	ng	97
37) 2-Methylnaphthalene	12.51	142	445317	42.559	ng	97
38) 1-Methylnaphthalene	12.73	142	424635	41.850	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	227347	40.874	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	250304	81.959	ng	94
43) 2,4,6-Trichlorophenol	13.11	196	159382	44.445	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	174981	44.767	ng	97
46) 1,1'-Biphenyl	13.51	154	574793	41.569	ng	99
47) 2-Chloronaphthalene	13.56	162	448143	42.252	ng	99
48) 2-Nitroaniline	13.77	65	155076	43.346	ng	99
49) Acenaphthylene	14.40	152	736313	40.945	ng	100
50) Dimethylphthalate	14.13	163	582265	42.513	ng	100
51) 2,6-Dinitrotoluene	14.26	165	135595	44.092	ng	98
52) Acenaphthene	14.74	154	429464	41.677	ng	98
53) 3-Nitroaniline	14.59	138	107558	33.041	ng	91
54) 2,4-Dinitrophenol	14.81	184	130277	79.655	ng	91
55) Dibenzofuran	15.08	168	710645	42.919	ng	98
56) 4-Nitrophenol	14.90	139	220081	83.767	ng	97
57) 2,4-Dinitrotoluene	15.05	165	197236	46.157	ng	# 98
58) Fluorene	15.72	166	559143	42.951	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	167498	47.223	ng	99
60) Diethylphthalate	15.48	149	624991	44.594	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	302235	43.434	ng	99
62) 4-Nitroaniline	15.76	138	156783	44.879	ng	98
63) Azobenzene	16.00	77	582734	44.080	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	106680	42.541	ng	97
66) n-Nitrosodiphenylamine	15.93	169	538613	41.236	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	201102	40.036	ng	100
68) Hexachlorobenzene	16.72	284	203882	40.369	ng	94
69) Atrazine	16.87	200	201669	41.506	ng	99
70) Pentachlorophenol	17.07	266	217331	74.432	ng	96
71) Phenanthrene	17.46	178	973681	41.502	ng	99
72) Anthracene	17.56	178	999679	42.571	ng	99
73) Carbazole	17.83	167	948124	42.662	ng	98
74) Di-n-butylphthalate	18.36	149	1136376	43.138	ng	99
75) Fluoranthene	19.47	202	1214314	43.710	ng	98
77) Benzidine	19.65	184	411052	25.455	ng	98
78) Pyrene	19.84	202	1190079	40.470	ng	99
80) Butylbenzylphthalate	20.70	149	546046	43.394	ng	99
81) Benzo(a)anthracene	21.67	228	1096876	39.823	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	318045	30.355	ng	99
83) Chrysene	21.75	228	1073634	40.559	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	776165	43.150	ng	99
85) Di-n-octyl phthalate	22.76	149	1308989	42.712	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1317263	40.687	ng	99
88) Benzo(b)fluoranthene	23.93	252	1140869	43.180	ng	99
89) Benzo(k)fluoranthene	24.00	252	1108856	45.637	ng	99
90) Benzo(a)pyrene	24.82	252	1134149	45.750	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1066442	46.319	ng	98
92) Benzo(g,h,i)perylene	29.92	276	1067961	45.135	ng	97

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

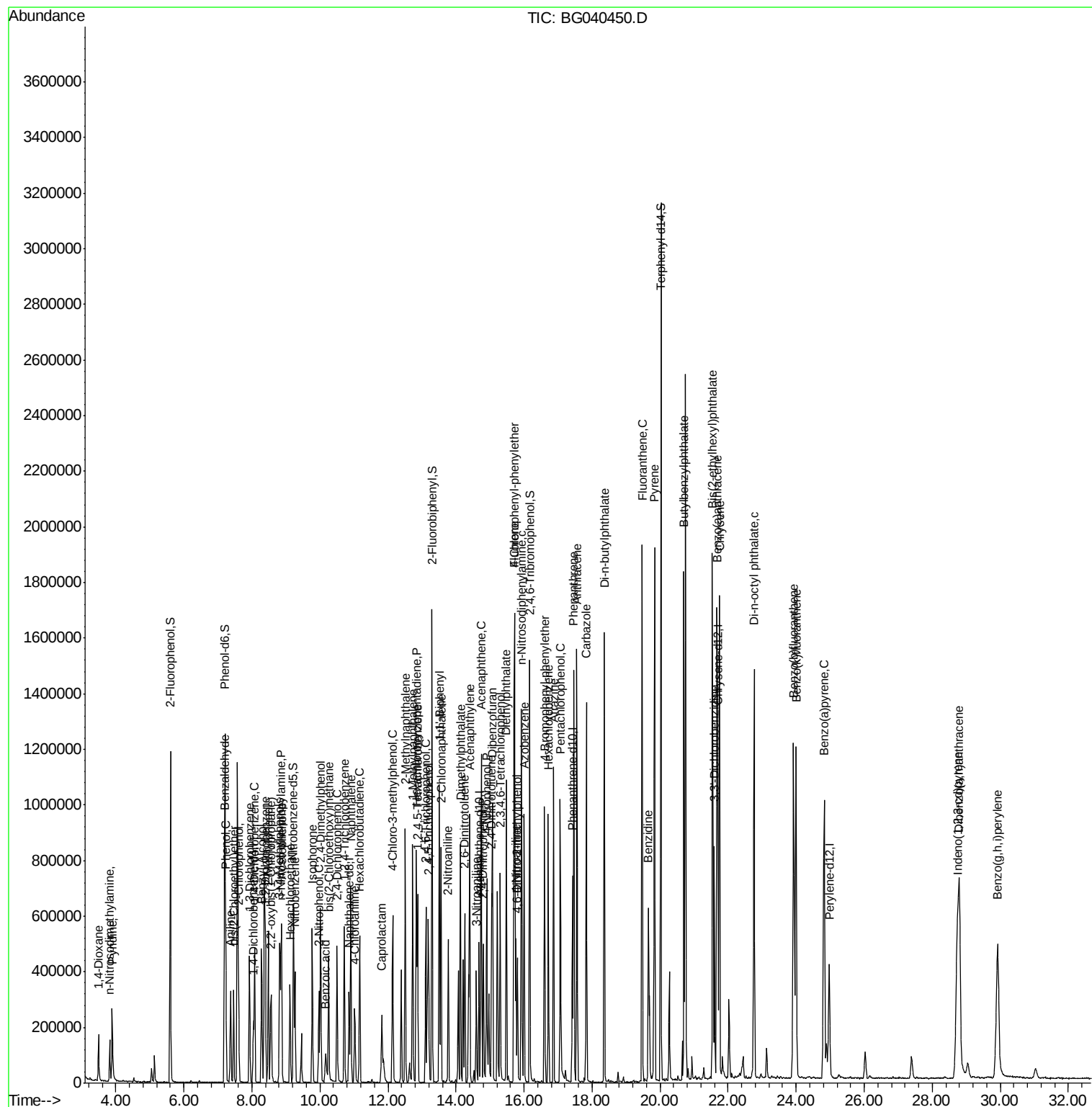
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#1

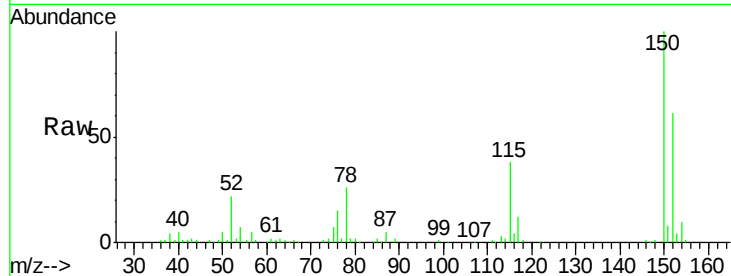
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

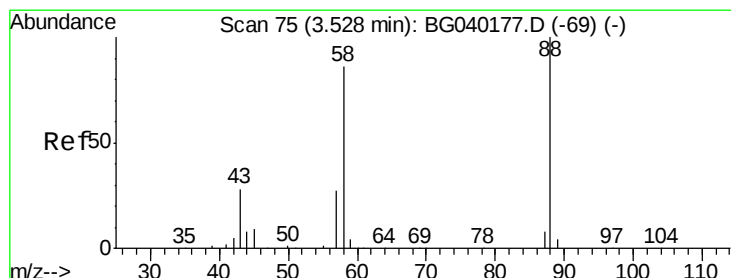
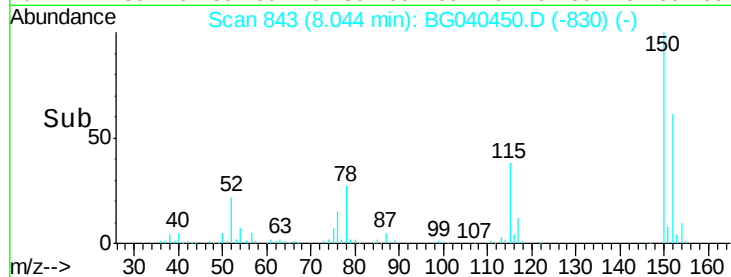
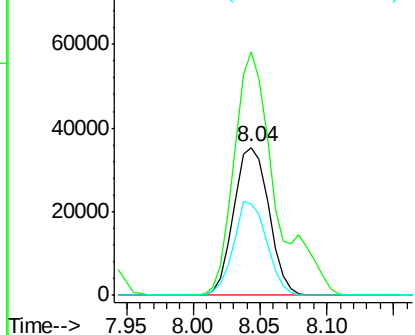
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.6	123.7	185.5
115	62.1	46.9	70.3

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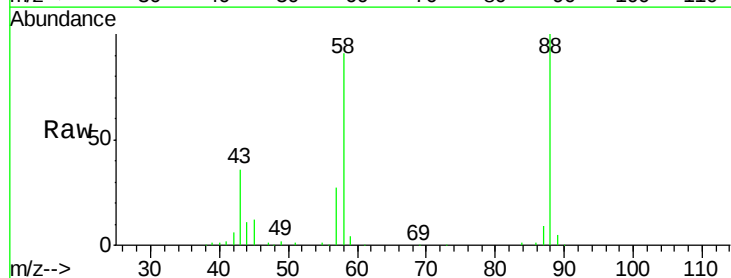
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



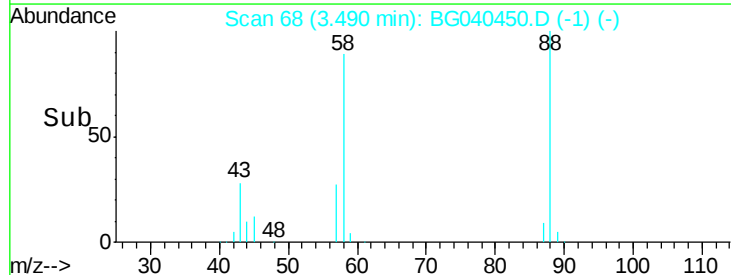
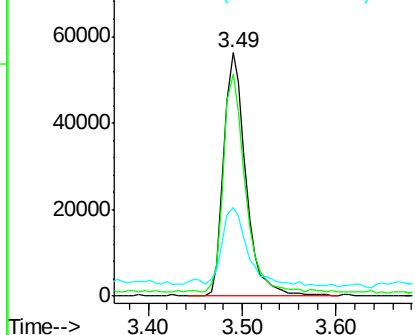
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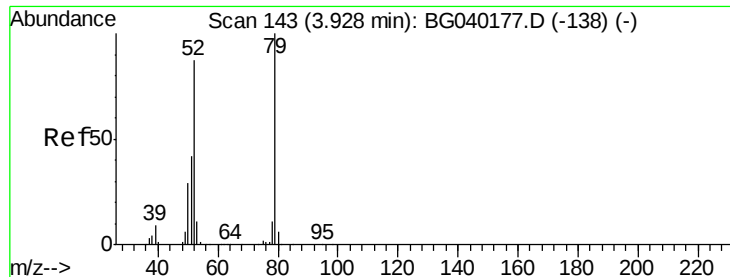
1,4-Dioxane
Concen: 50.649 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	70.6	106.0
43	34.8	24.8	37.2



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

Pyridine

Concen: 33.053 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

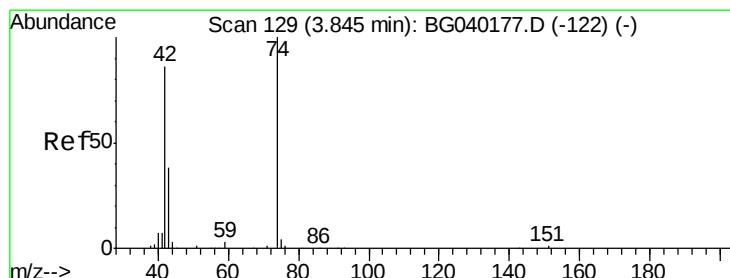
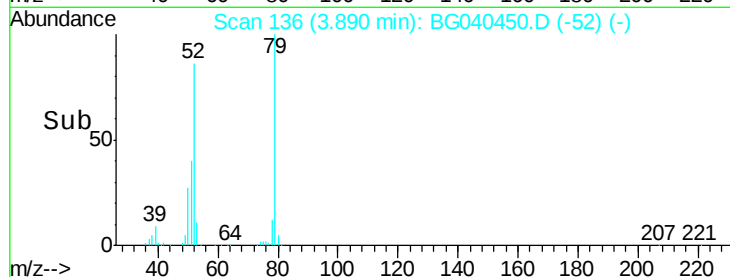
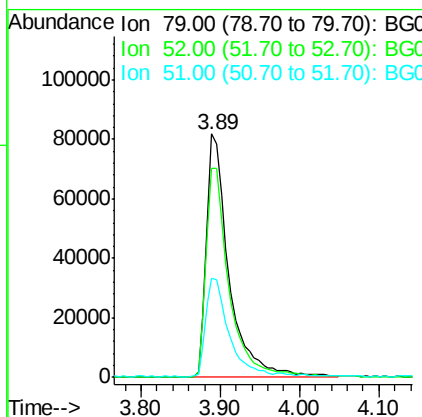
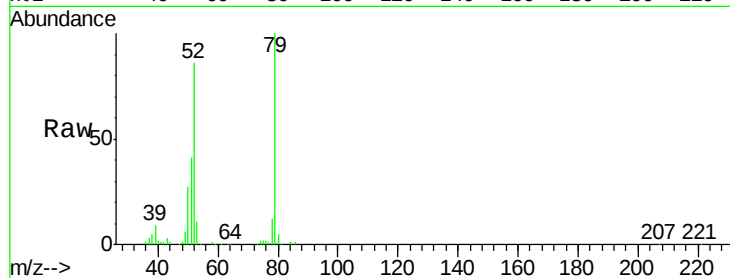
ClientSampled :

PB118783BS

Tgt Ion:	79	Resp:	163194
Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.8	104.8
51	40.9	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 38.666 ng

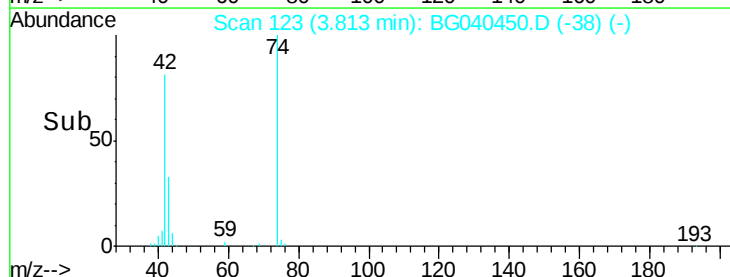
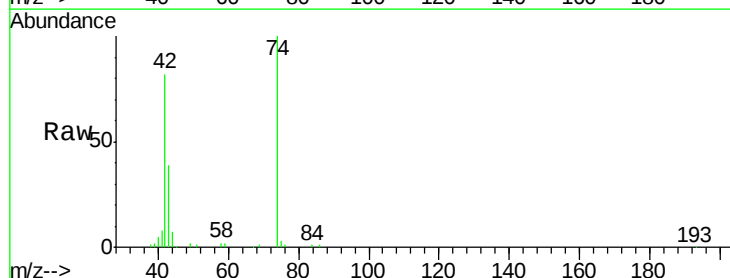
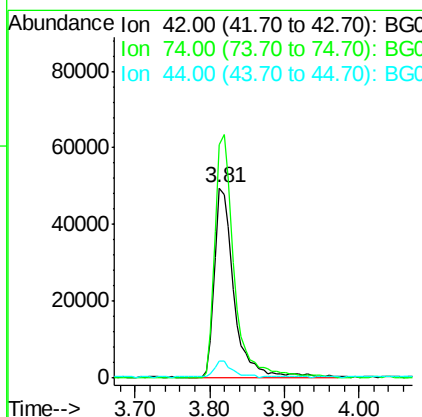
RT: 3.81 min Scan# 123

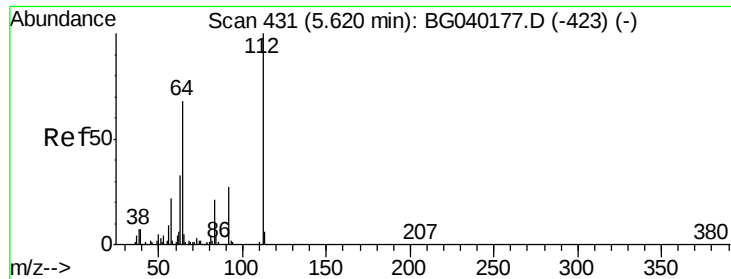
Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	42	Resp:	88306
Ion	Ratio	Lower	Upper
42	100		
74	122.6	92.9	139.3
44	8.8	9.7	14.5#





#5

2-Fluorophenol

Concen: 135.834 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

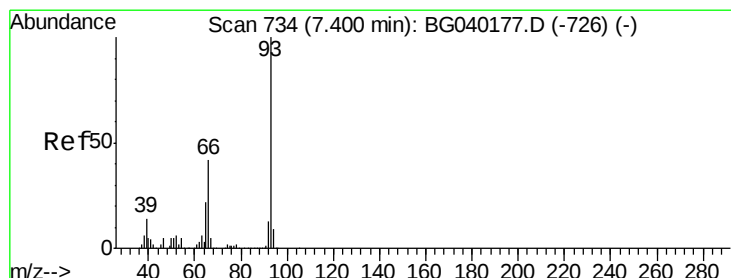
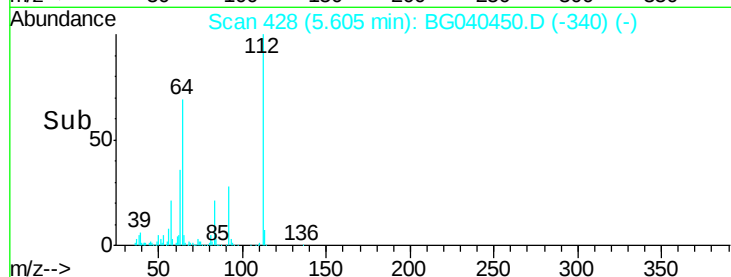
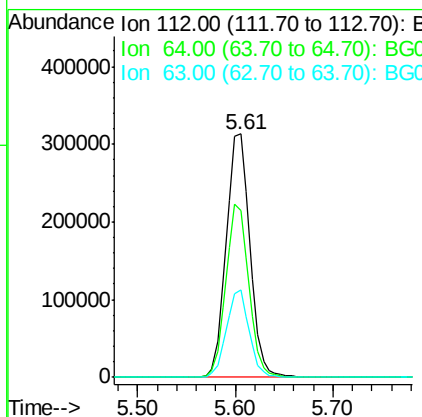
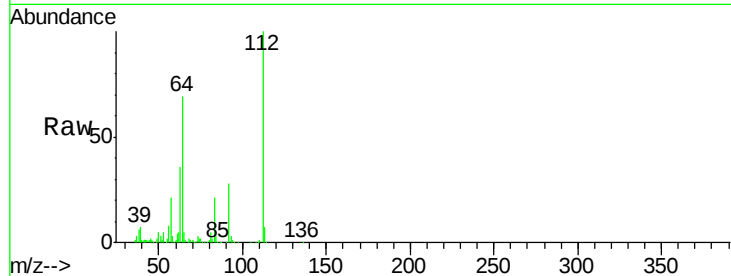
ClientSampleId :

PB118783BS

Tgt Ion:	112	Resp:	529729
Ion Ratio	Lower	Upper	
112	100		
64	68.7	54.2	81.2
63	35.9	26.4	39.6

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#6

Aniline

Concen: 30.701 ng

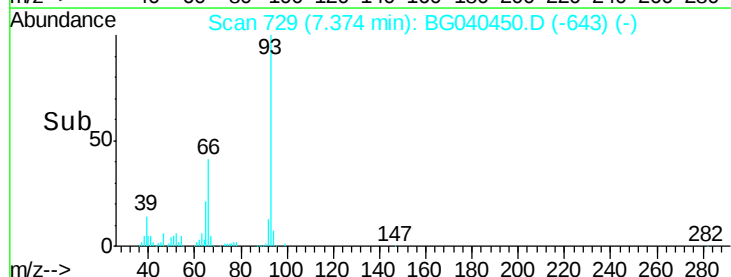
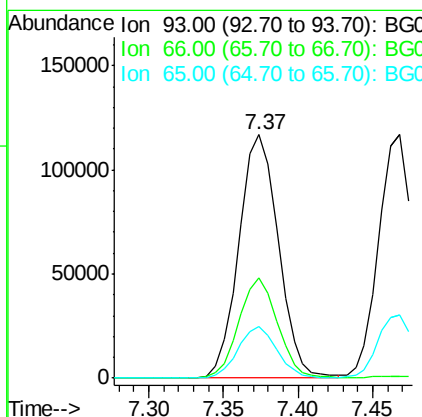
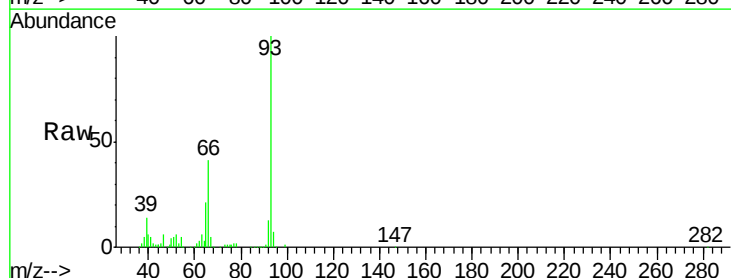
RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	93	Resp:	214977
Ion Ratio	Lower	Upper	
93	100		
66	41.3	33.6	50.4
65	21.4	17.4	26.2





#7

Phenol-d6

Concen: 132.745 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

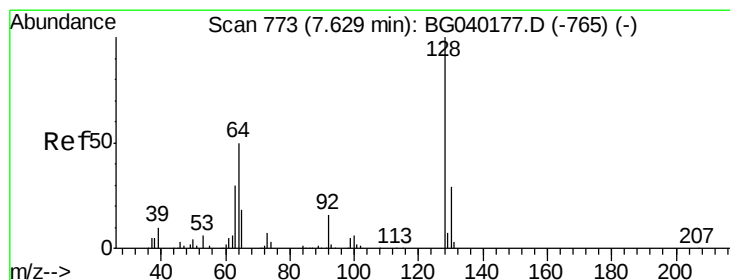
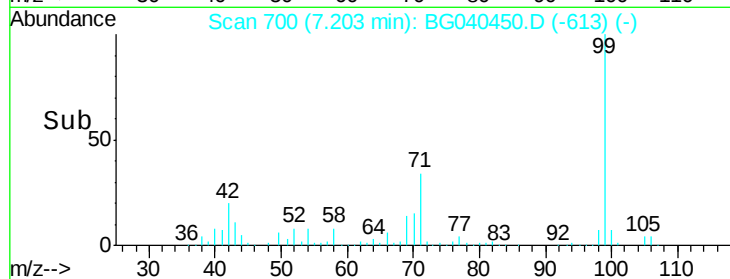
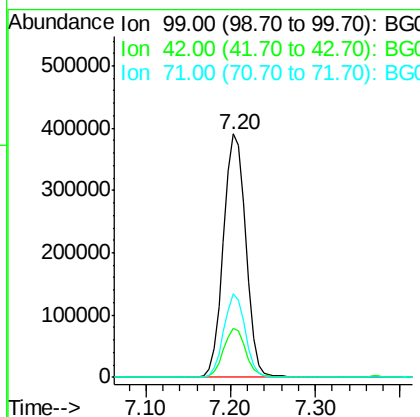
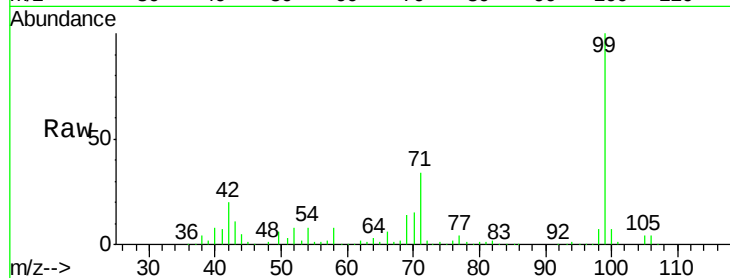
ClientSampled :

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Tgt Ion:	99	Resp:	715442
Ion Ratio	Lower	Upper	
99	100		
42	20.3	16.2	24.2
71	34.2	26.8	40.2

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#8

2-Chlorophenol

Concen: 42.915 ng

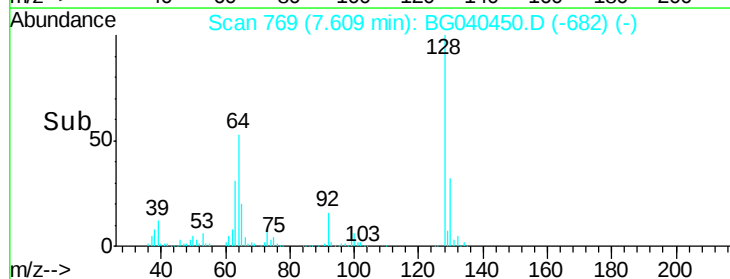
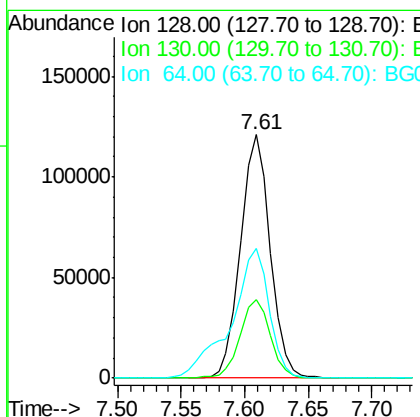
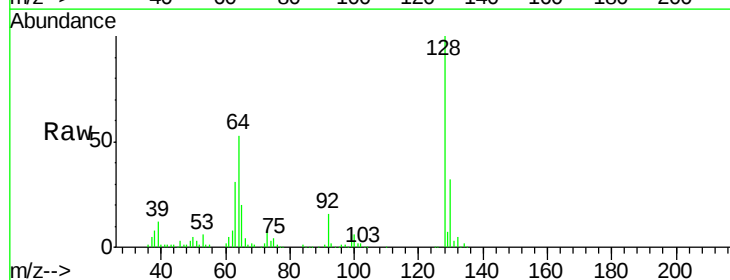
RT: 7.61 min Scan# 769

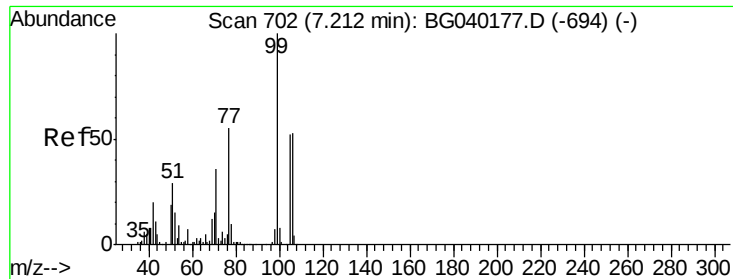
Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	128	Resp:	195912
Ion Ratio	Lower	Upper	
128	100		
130	32.5	9.1	49.1
64	53.1	33.1	73.1





#9

Benzaldehyde

Concen: 19.475 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

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BNA_G

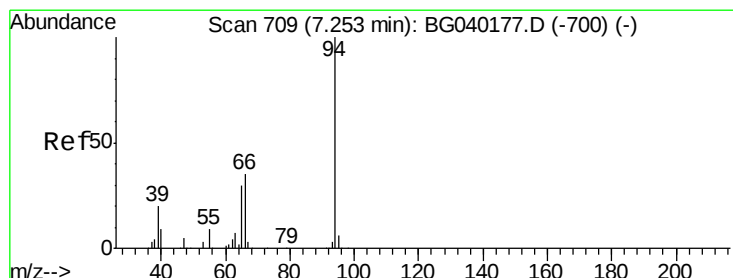
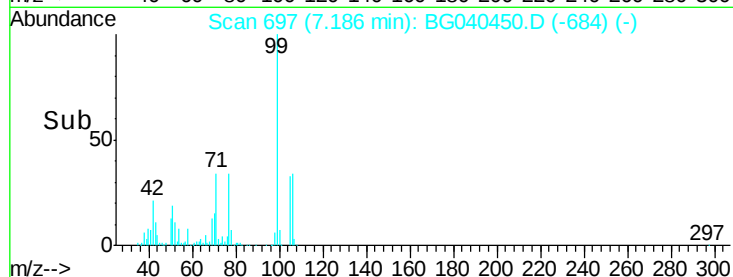
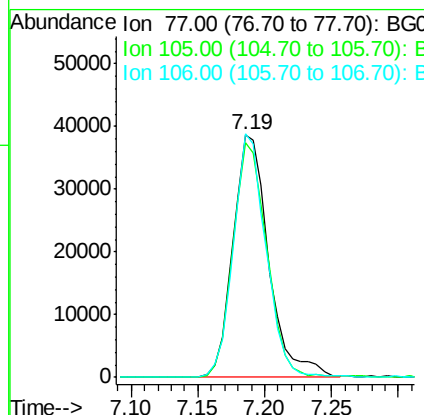
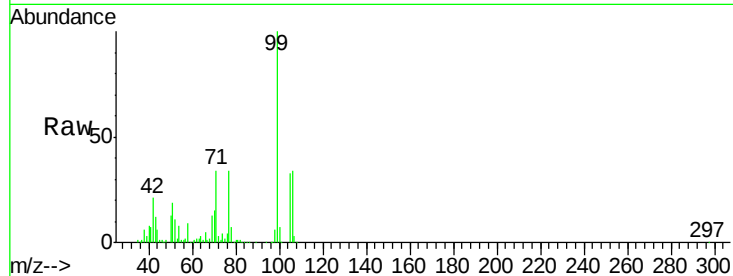
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.6	75.0	115.0
106	100.4	75.7	115.7

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#10

Phenol

Concen: 44.037 ng

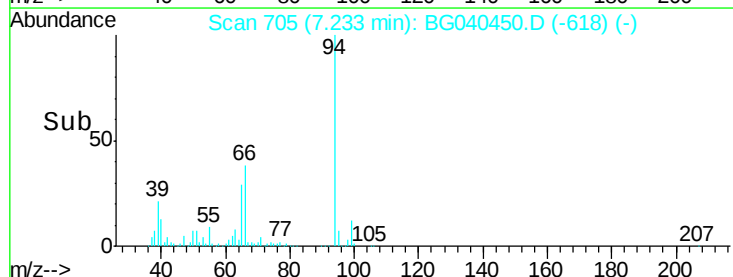
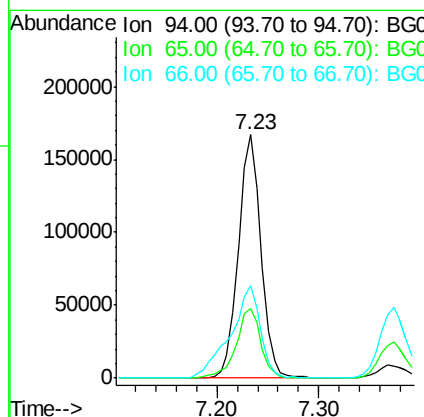
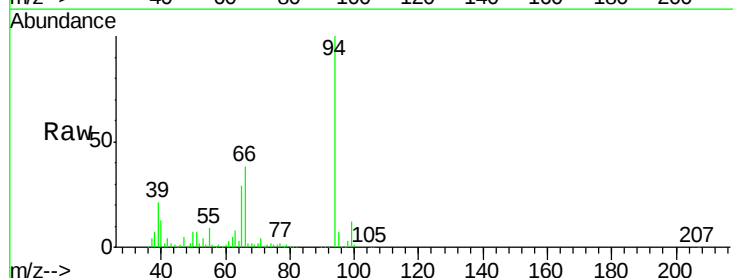
RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	10.5	50.5
66	37.8	16.9	56.9





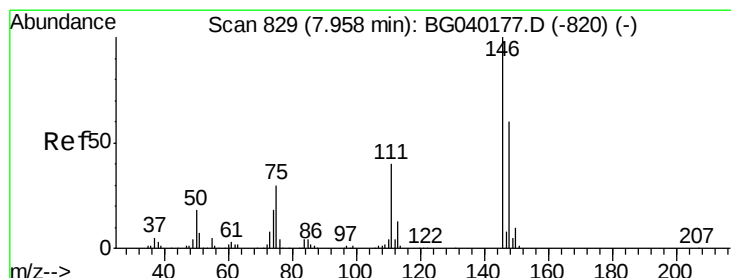
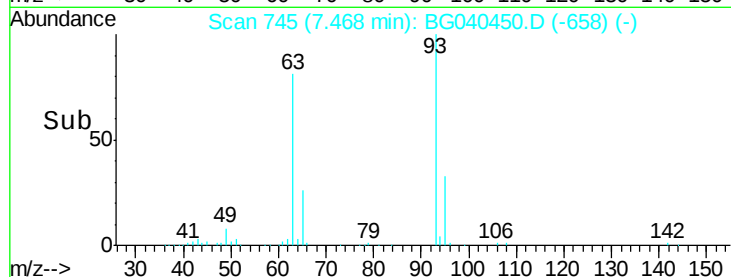
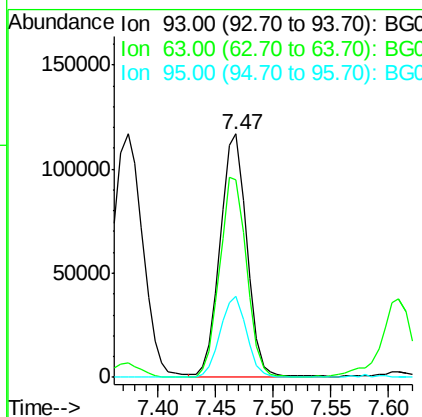
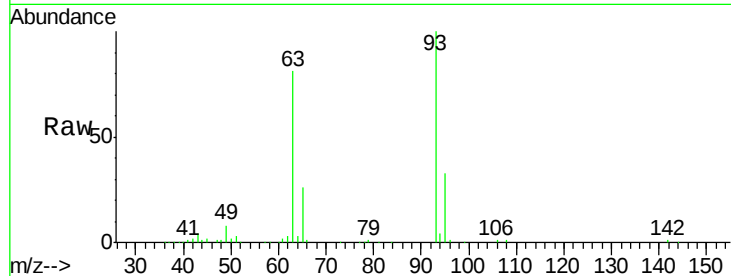
#11
bis(2-Chloroethyl)ether
Concen: 40.470 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189621		
63	81.1	64.2	104.2	
95	33.3	14.0	54.0	

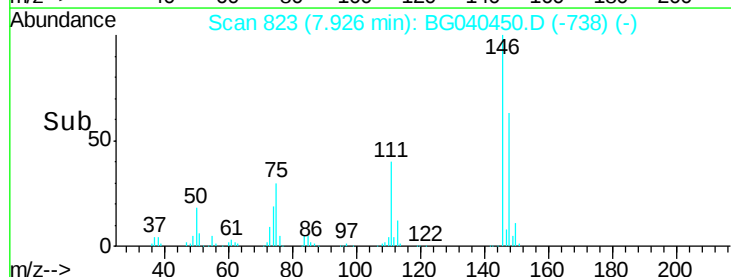
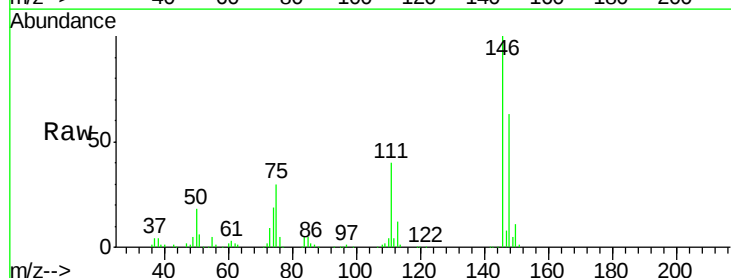
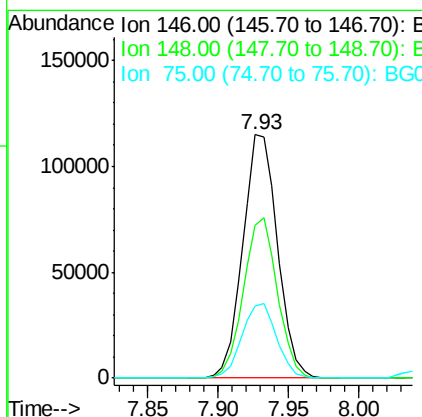
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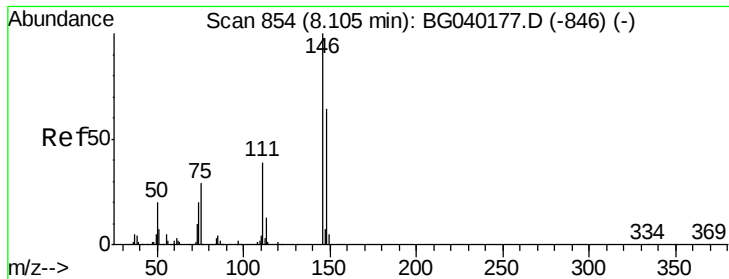
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#12
1,3-Dichlorobenzene
Concen: 39.920 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198103		
148	62.8	48.2	72.2	
75	29.6	24.1	36.1	





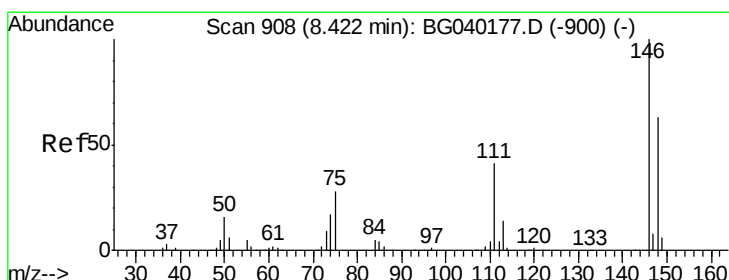
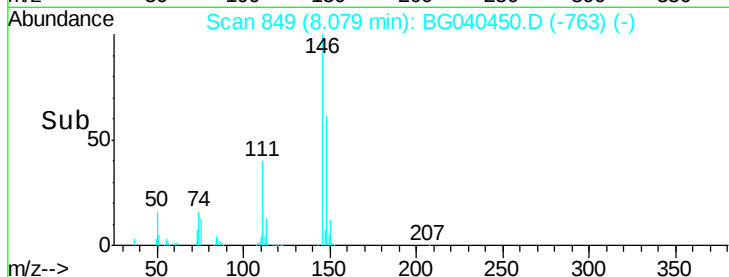
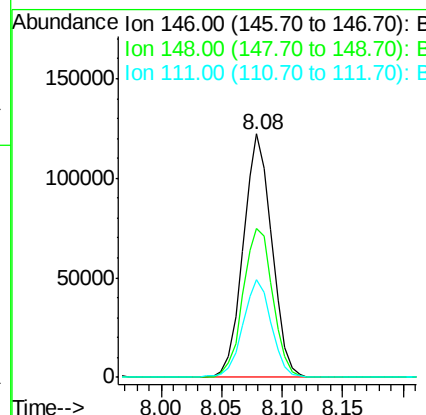
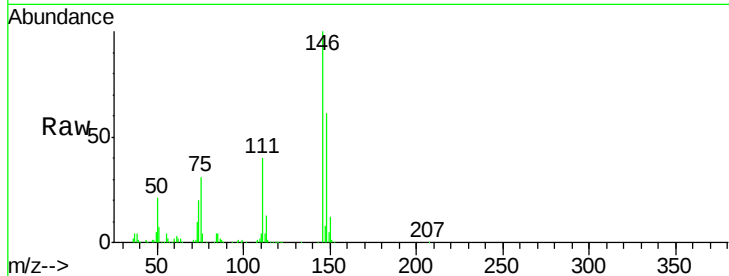
#13
 1,4-Dichlorobenzene
 Concen: 40.746 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.4
111	40.2	31.8	47.6

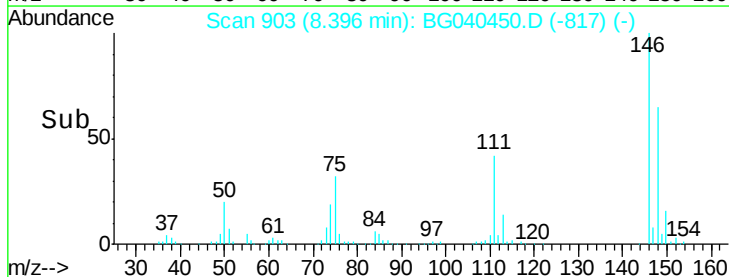
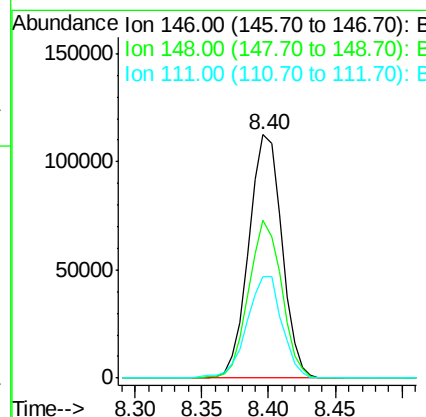
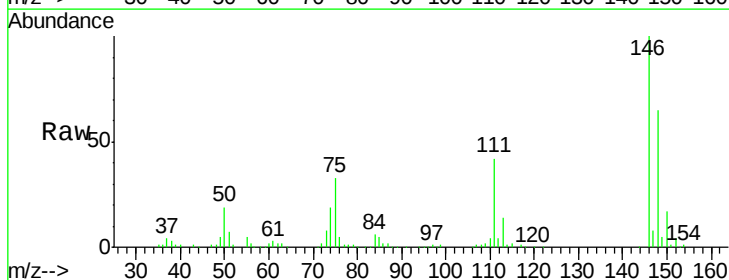
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#14
 1,2-Dichlorobenzene
 Concen: 40.694 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	41.9	33.4	50.0





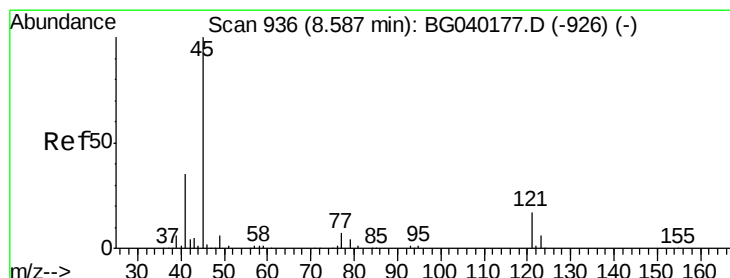
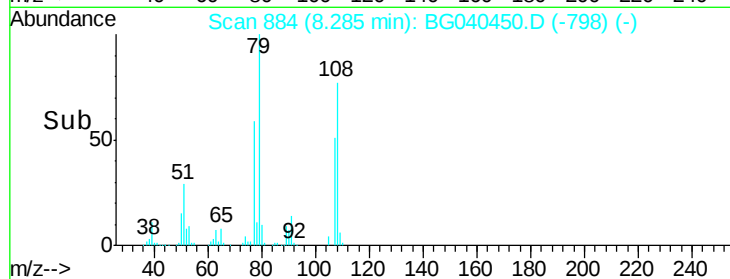
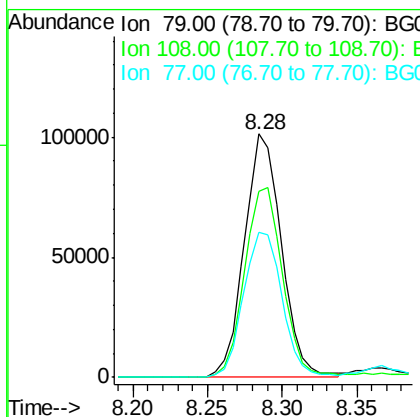
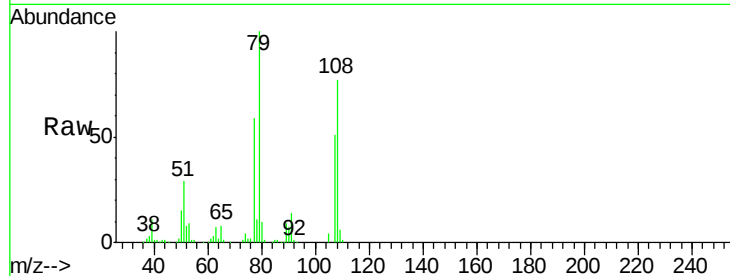
#15
Benzyl Alcohol
Concen: 40.180 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampled :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	174399		
108	76.6	62.1	93.1	
77	59.4	51.9	77.9	

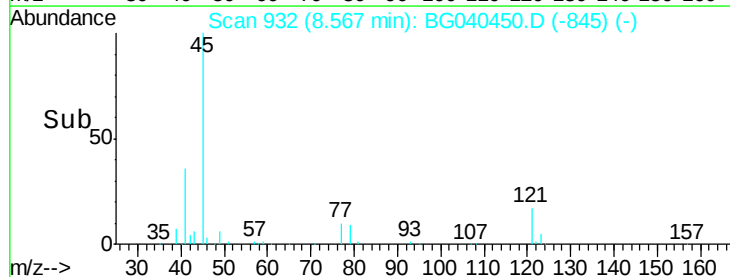
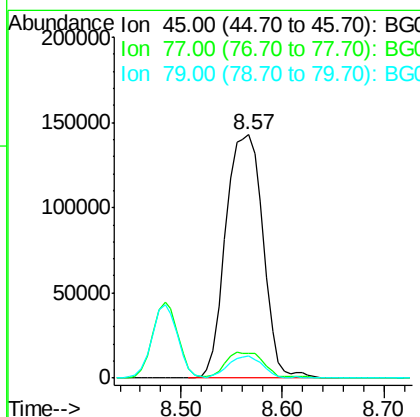
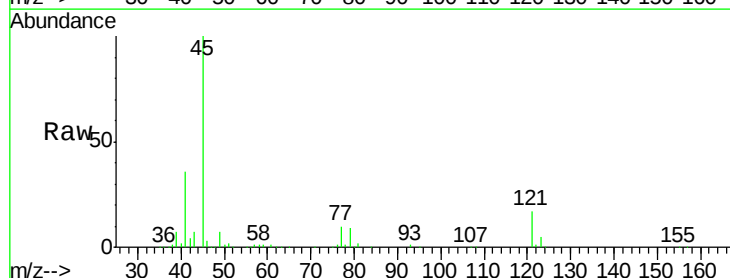
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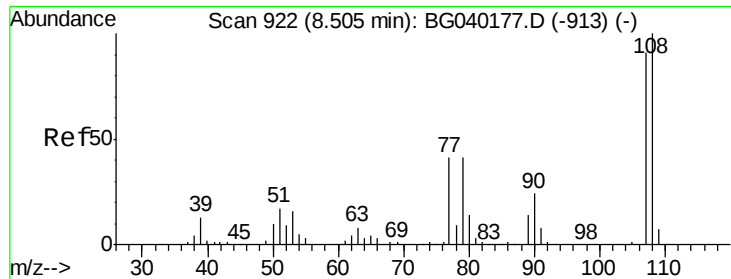
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.536 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	364518		
77	10.4	0.0	31.4	
79	9.0	0.0	28.3	





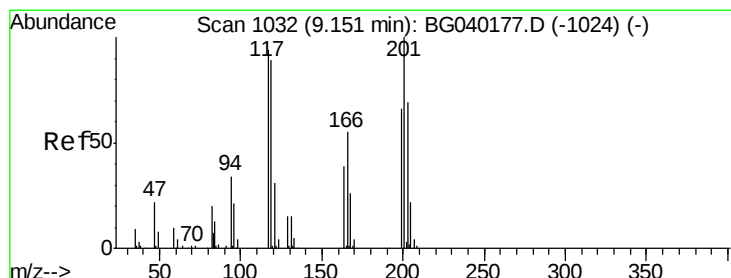
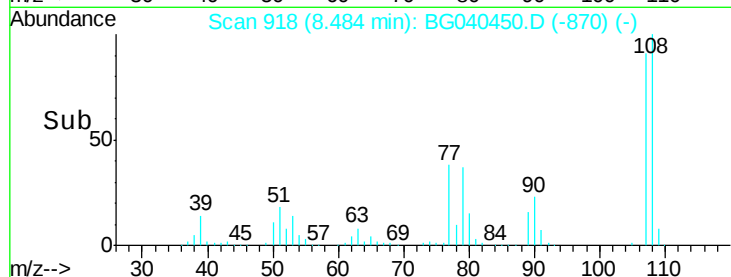
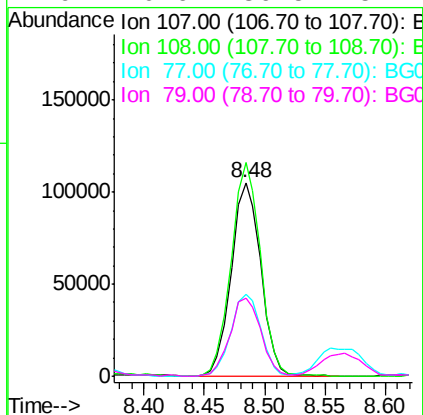
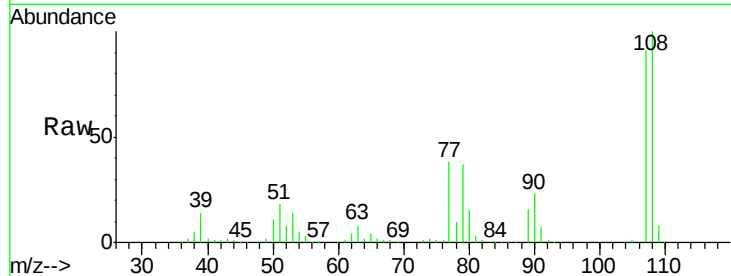
#17
2-Methylphenol
Concen: 44.463 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion:	107	Resp:	179989
Ion Ratio	Lower	Upper	
107	100		
108	110.3	88.2	132.4
77	42.0	36.6	55.0
79	40.6	36.5	54.7

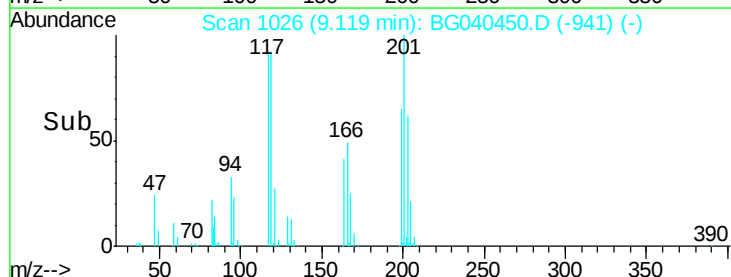
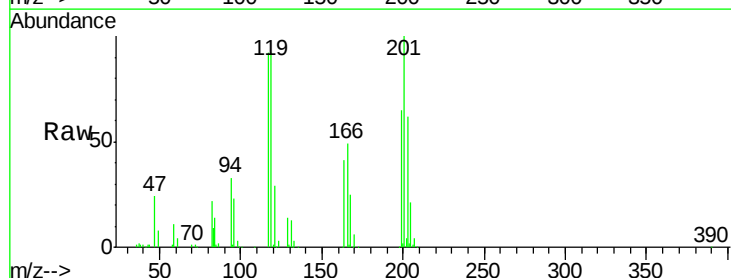
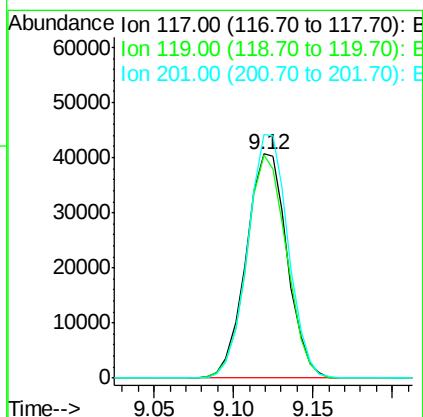
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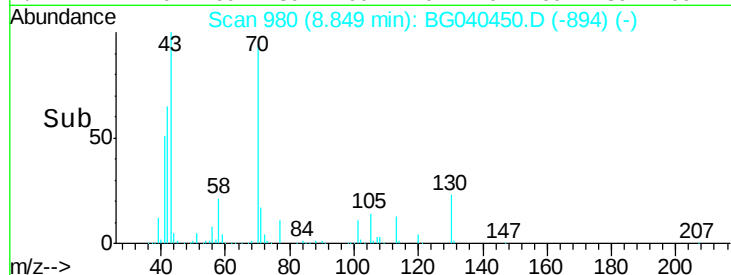
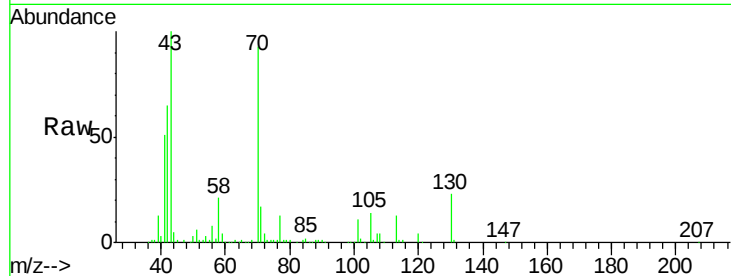
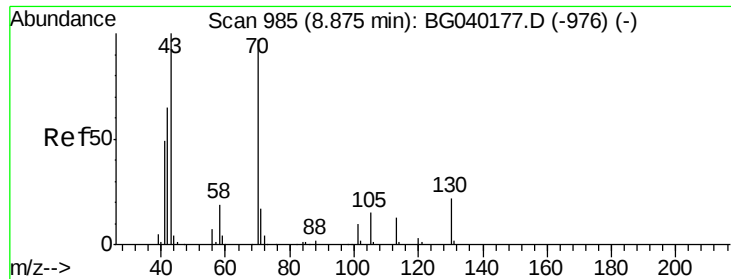
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#18
Hexachloroethane
Concen: 38.987 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion:	117	Resp:	73298
Ion Ratio	Lower	Upper	
117	100		
119	99.4	76.6	115.0
201	108.5	85.0	127.4





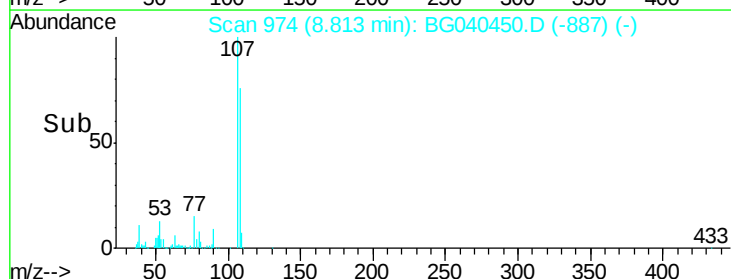
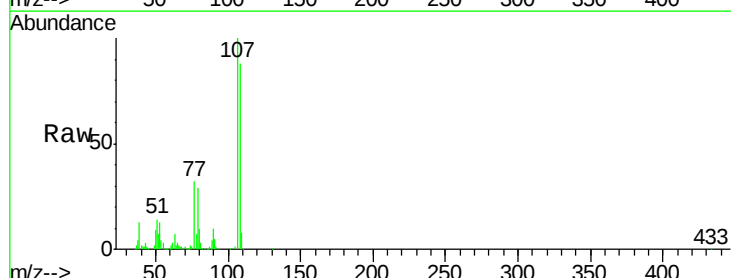
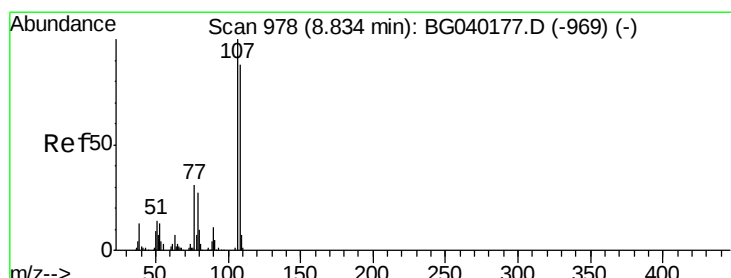
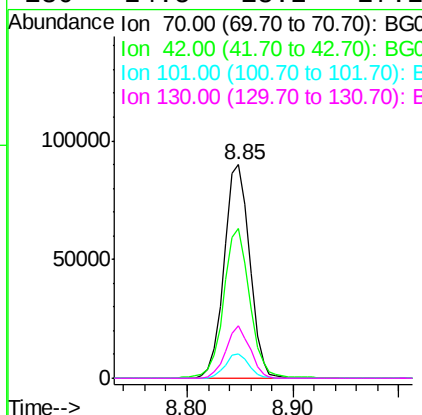
#19
n-Nitroso-di-n-propylamine
Concen: 38.883 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampled :
PB118783BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		150253		
42	70.0	54.0		81.0	
101	11.4	8.6		13.0	
130	24.5	18.2		27.2	

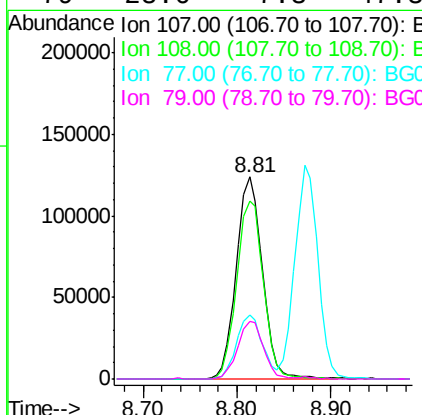
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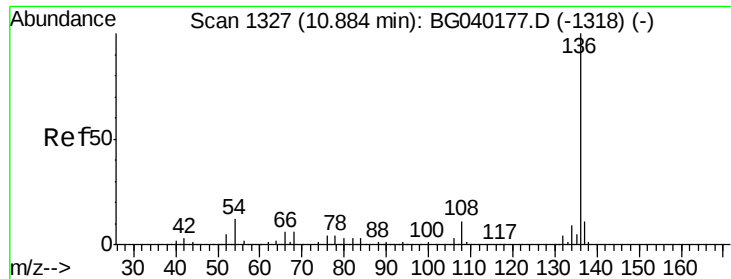
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#20
3+4-Methylphenols
Concen: 43.632 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		239275		
108	87.8	68.3		108.3	
77	32.0	11.3		51.3	
79	28.6	7.3		47.3	





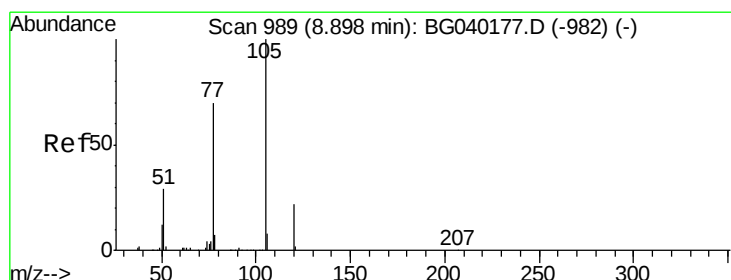
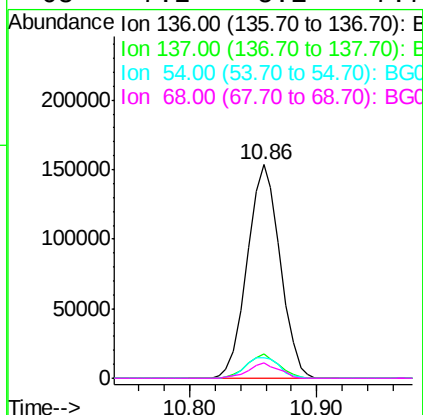
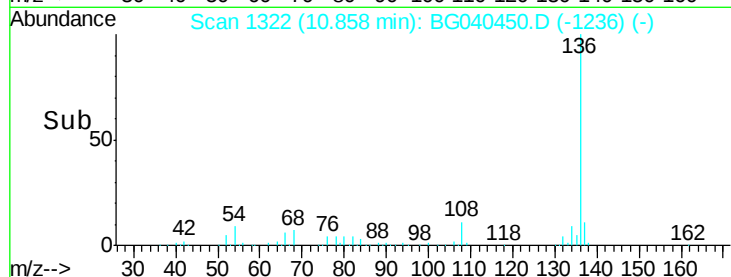
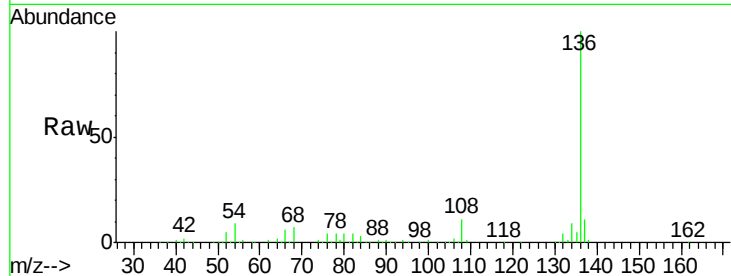
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	276017		
137	11.5	8.9	13.3	
54	9.4	9.6	14.4	
68	7.2	5.1	7.7	

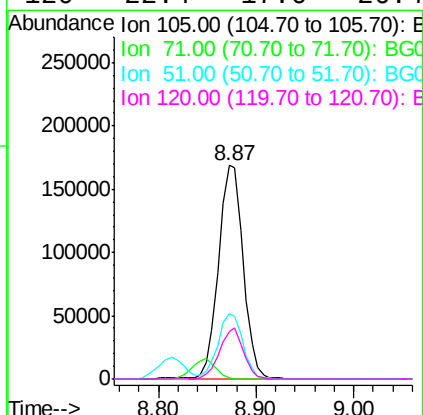
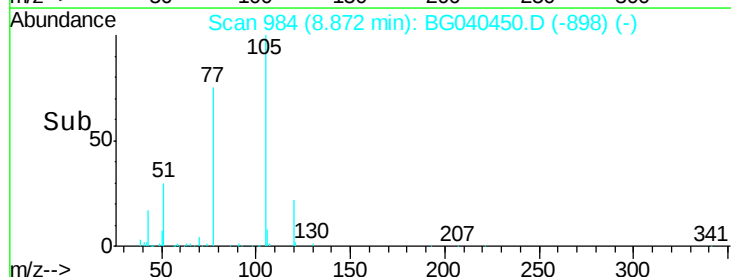
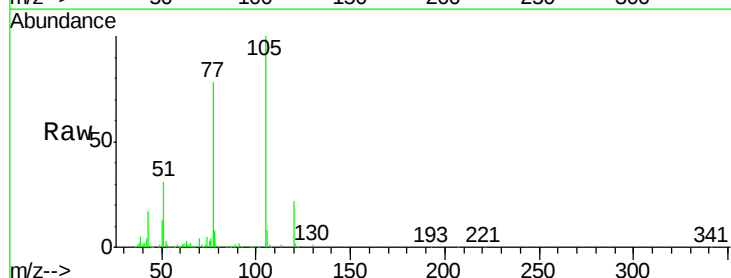
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#22
Acetophenone
Concen: 42.926 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	295555		
71	0.7	0.6	1.0	
51	30.8	25.1	37.7	
120	22.4	17.6	26.4	





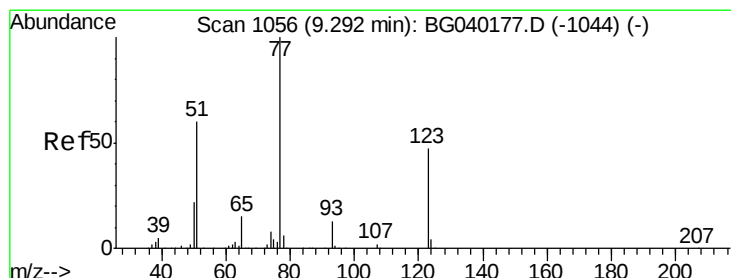
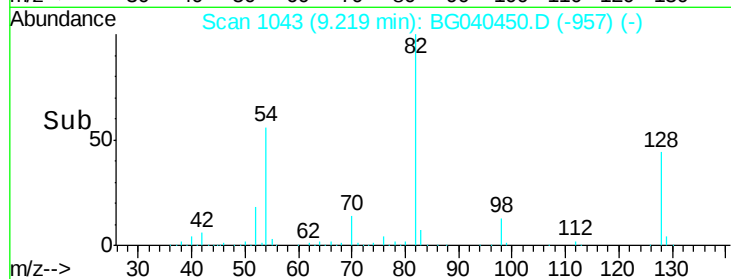
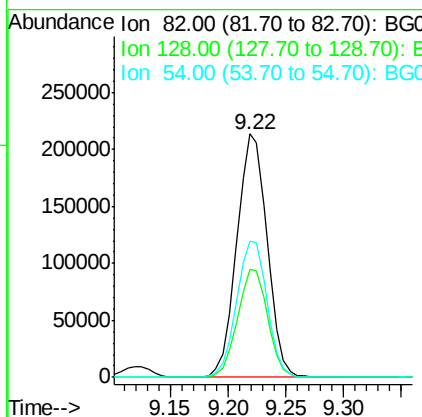
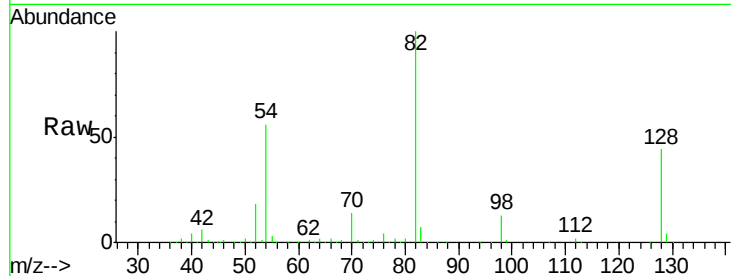
#23
 Nitrobenzene-d5
 Concen: 74.908 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampled :
 PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	388983		
128	44.3	35.8	53.8	
54	55.7	46.2	69.2	

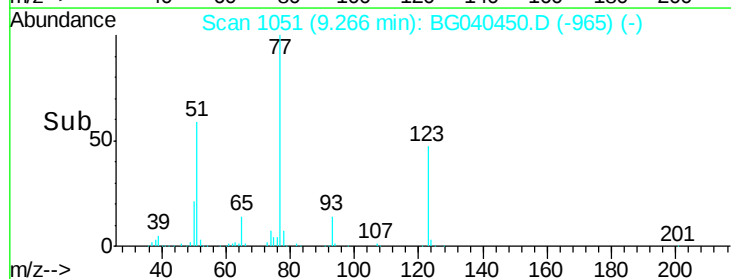
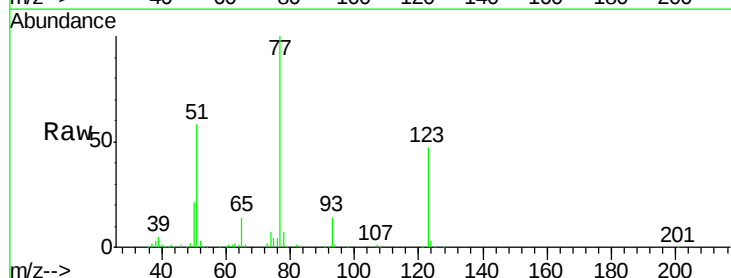
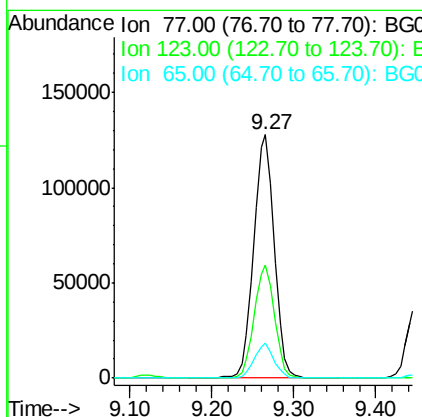
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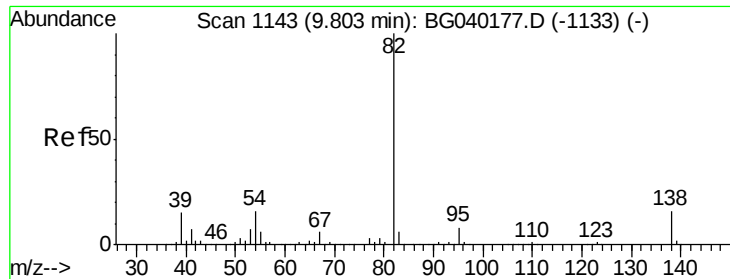
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#24
 Nitrobenzene
 Concen: 41.563 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	223498		
123	46.5	37.8	56.6	
65	14.3	12.0	18.0	





#25

Isophorone

Concen: 40.314 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

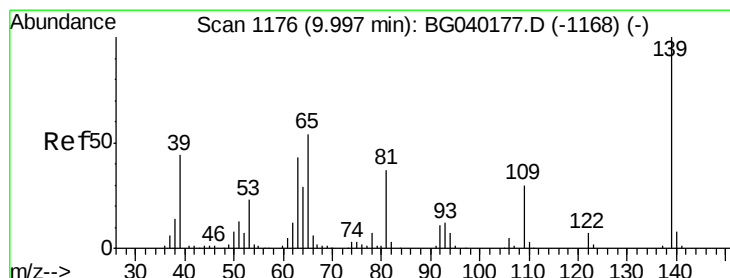
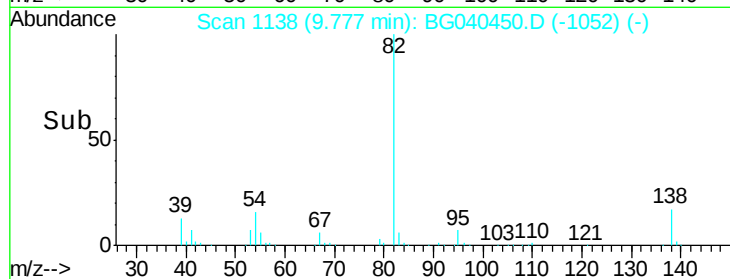
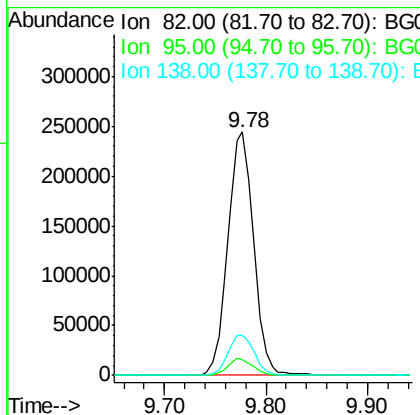
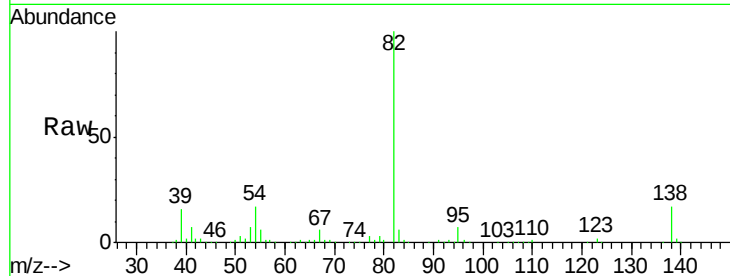
ClientSampleId :

PB118783BS

Tgt Ion:	82	Resp:	430739
Ion Ratio	Lower	Upper	
82	100		
95	6.7	6.1	9.1
138	16.6	13.2	19.8

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#26

2-Nitrophenol

Concen: 42.212 ng

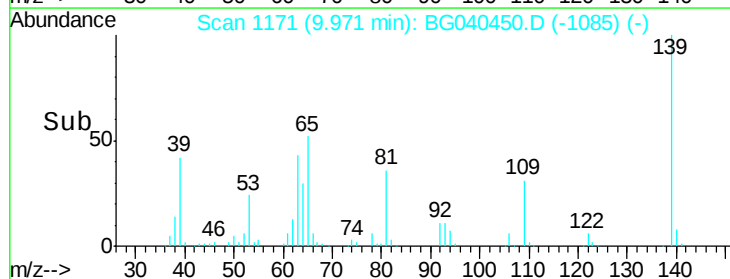
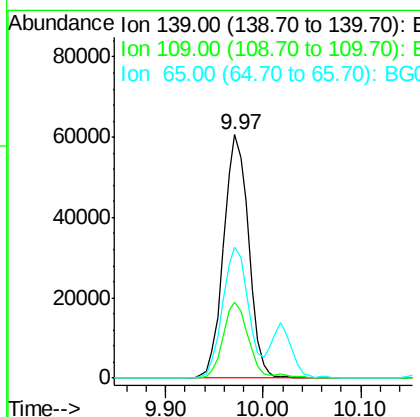
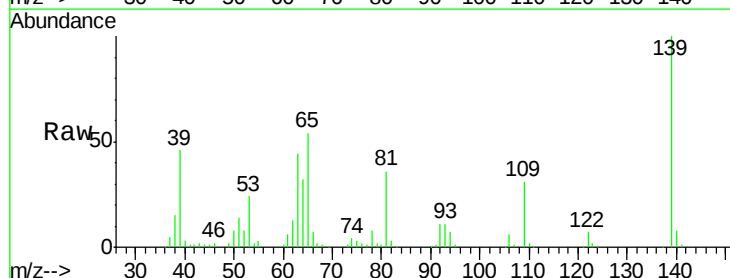
RT: 9.97 min Scan# 1171

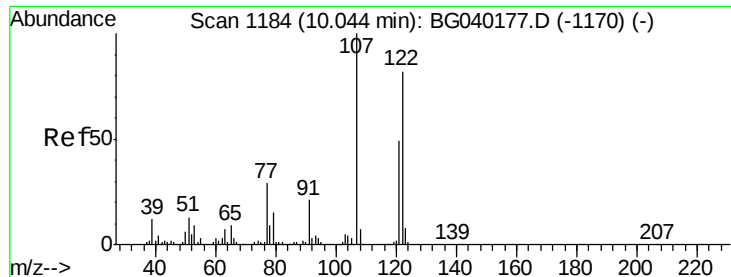
Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	139	Resp:	107555
Ion Ratio	Lower	Upper	
139	100		
109	31.2	24.1	36.1
65	53.6	43.0	64.6





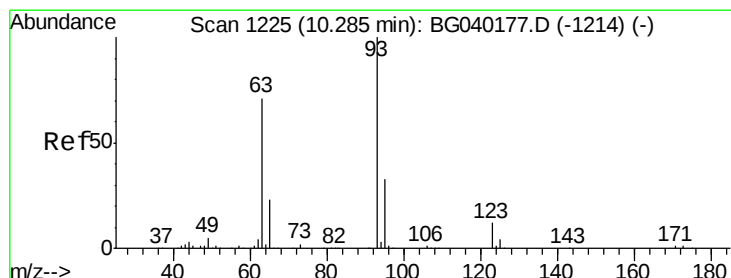
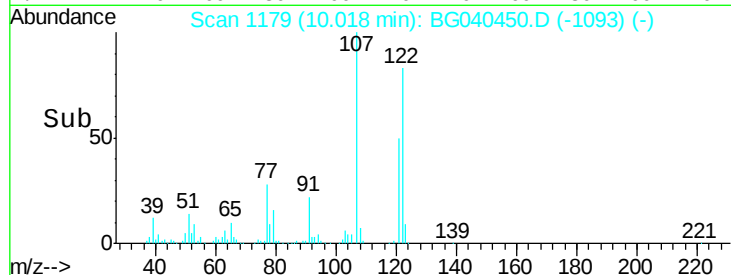
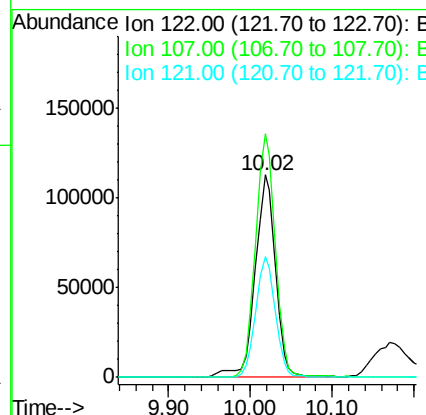
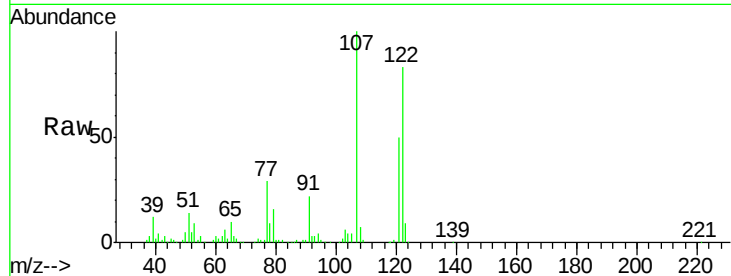
#27
 2,4-Dimethylphenol
 Concen: 48.747 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	197295		
107	120.4	97.4	146.2	
121	59.8	47.7	71.5	

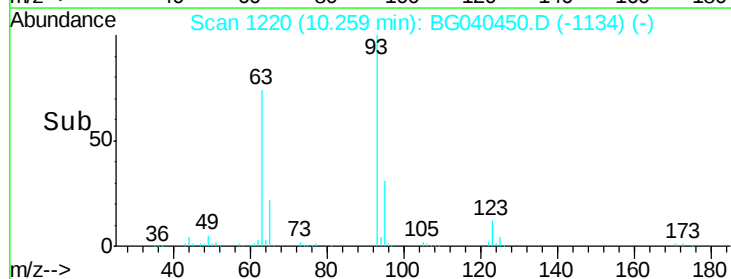
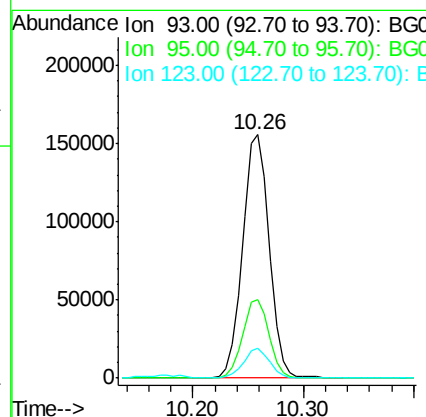
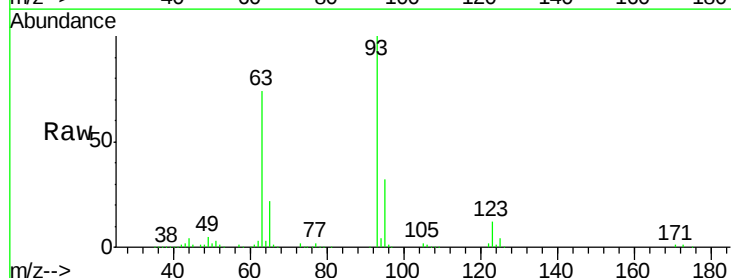
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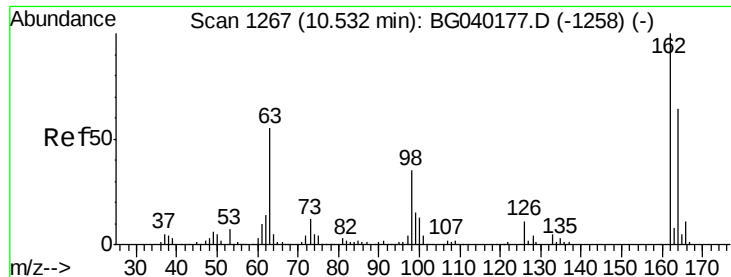
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.663 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	263365		
95	32.3	26.2	39.4	
123	12.2	9.4	14.0	





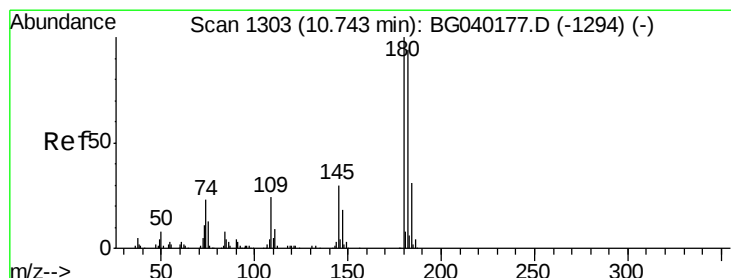
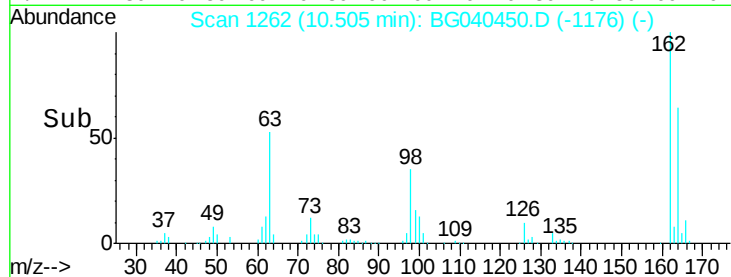
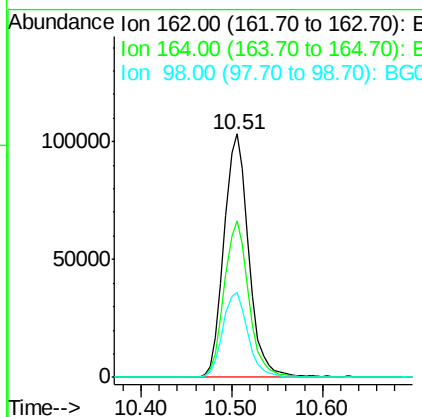
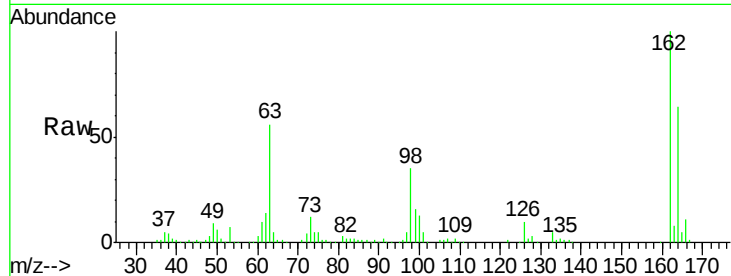
#29
 2,4-Dichlorophenol
 Concen: 44.681 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampled :
 PB118783BS

Tgt Ion:	162	Resp:	196287
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.9	83.9
98	35.1	15.6	55.6

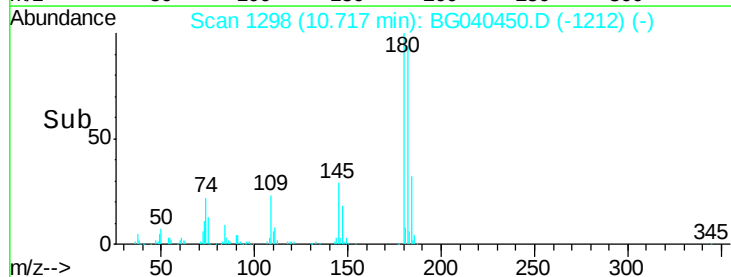
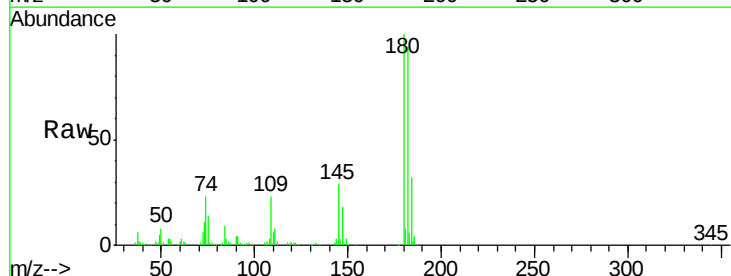
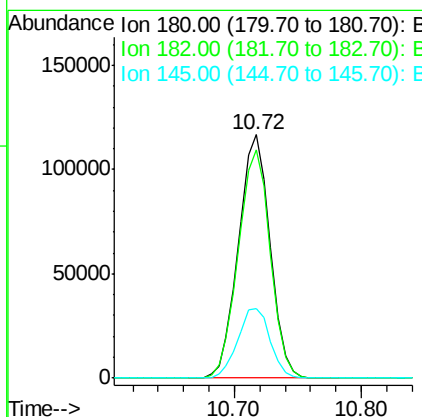
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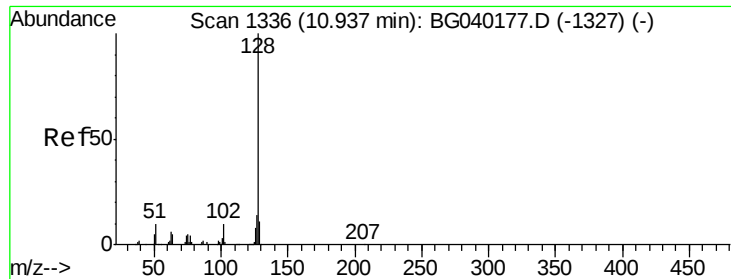
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.865 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion:	180	Resp:	201947
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.1	112.7
145	28.8	24.1	36.1





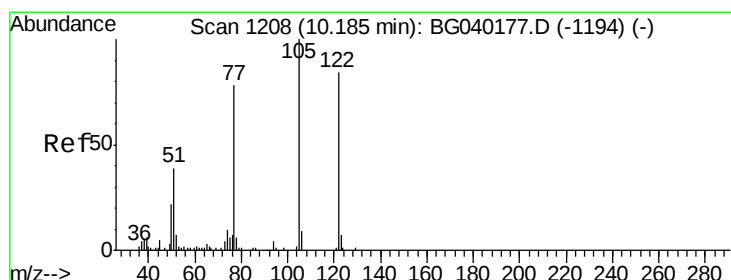
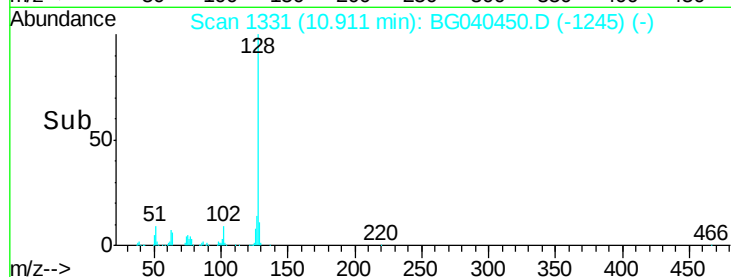
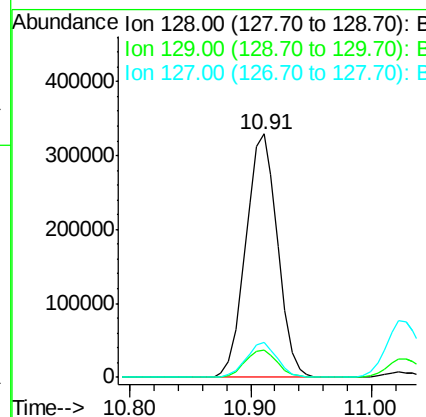
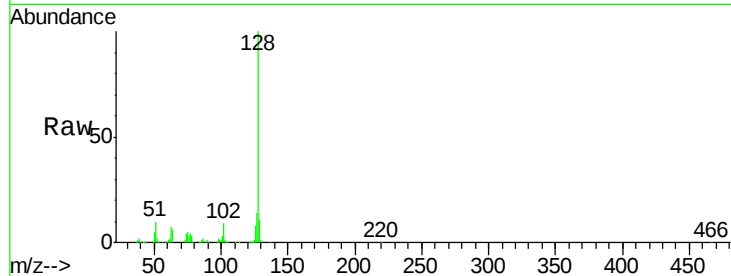
#31
Naphthalene
Concen: 42.520 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	601573		
129	11.4	8.9	13.3	
127	14.4	11.4	17.0	

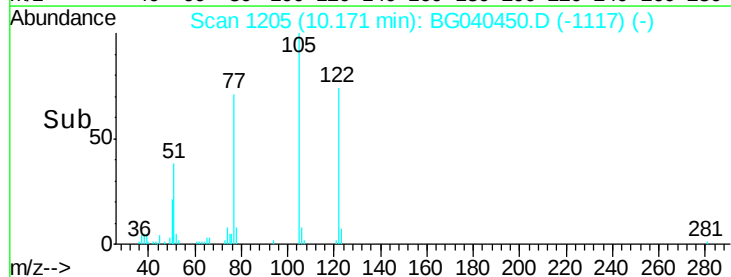
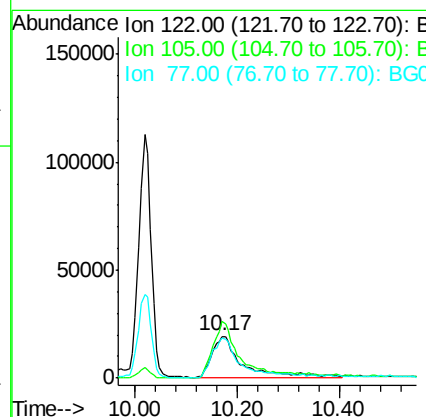
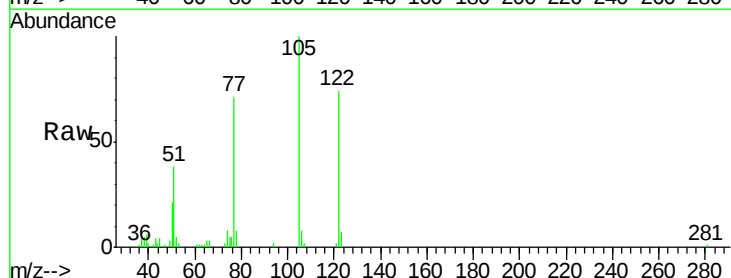
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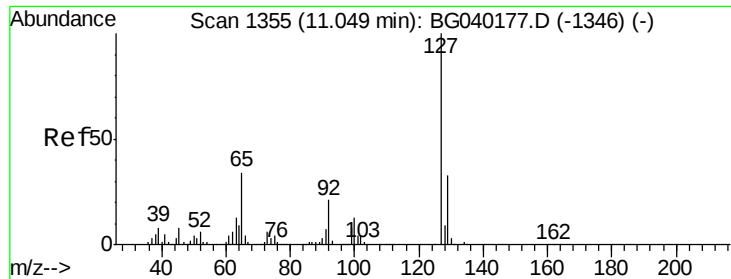
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#32
Benzoic acid
Concen: 34.459 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	84265		
105	134.5	98.2	138.2	
77	96.1	73.6	113.6	





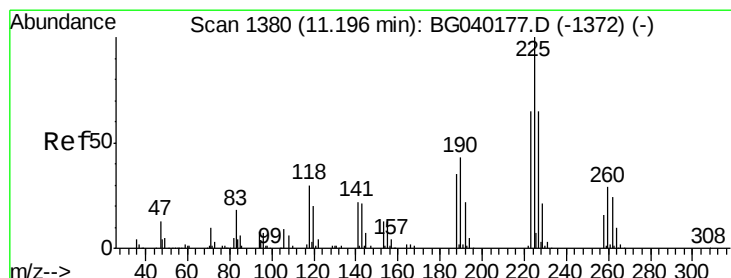
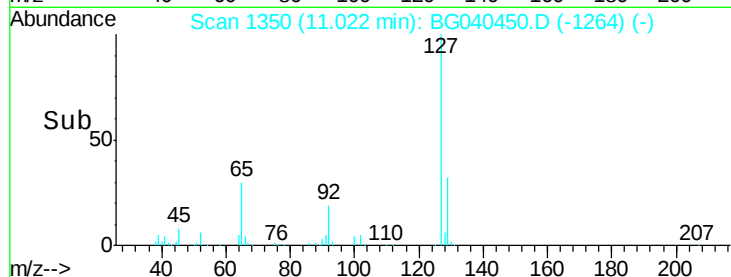
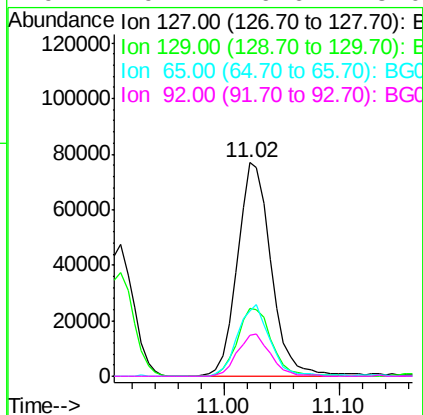
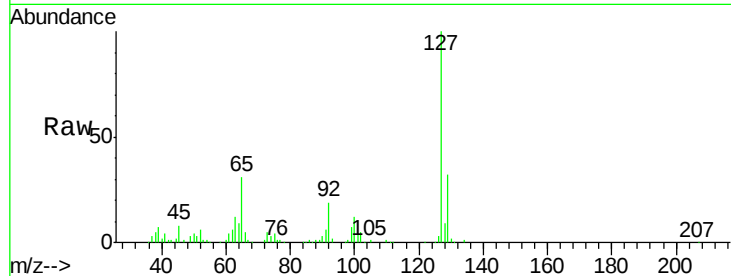
#33
4-Chloroaniline
Concen: 25.742 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	155351		
129	32.0	26.6	40.0	
65	30.8	27.0	40.4	
92	19.4	16.6	25.0	

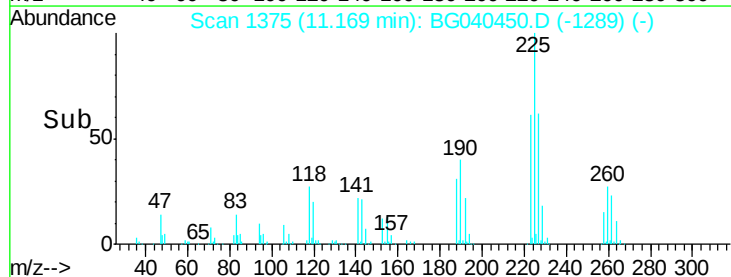
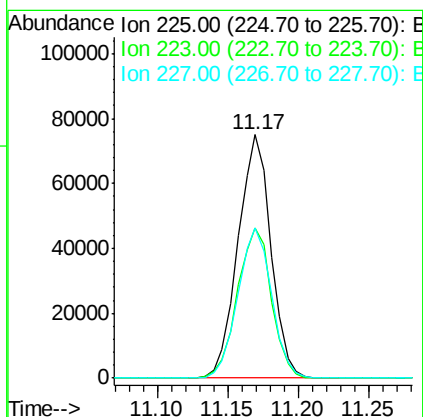
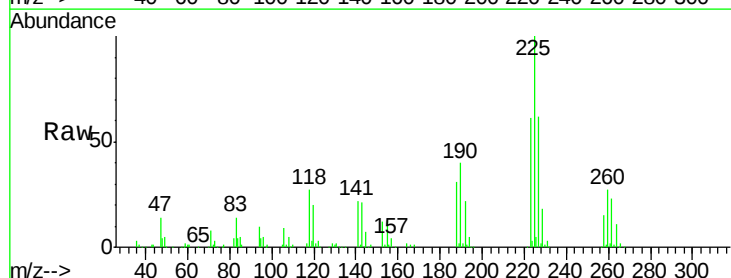
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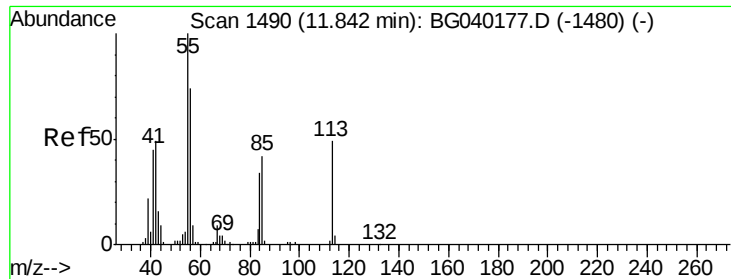
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#34
Hexachlorobutadiene
Concen: 39.533 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121961		
223	61.5	51.8	77.8	
227	61.9	54.9	82.3	





#35

Caprolactam

Concen: 41.507 ng m

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

ClientSampleId :

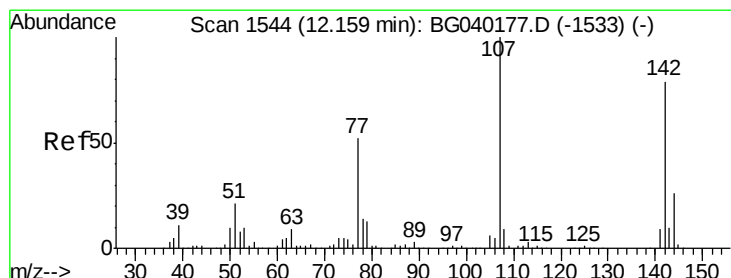
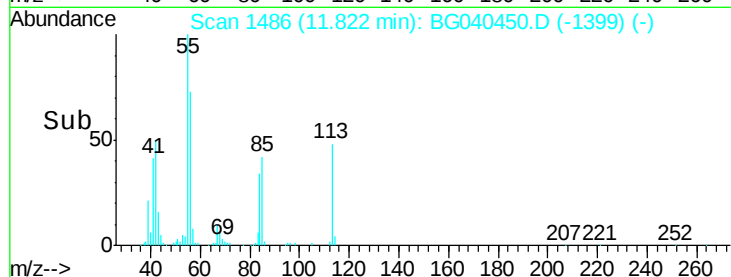
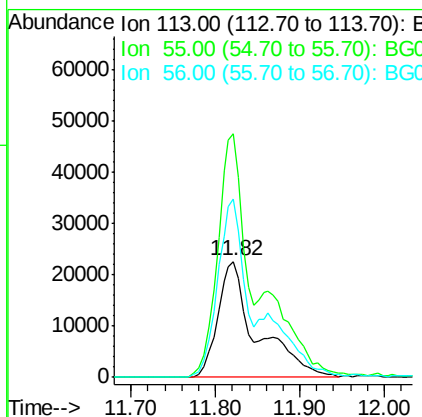
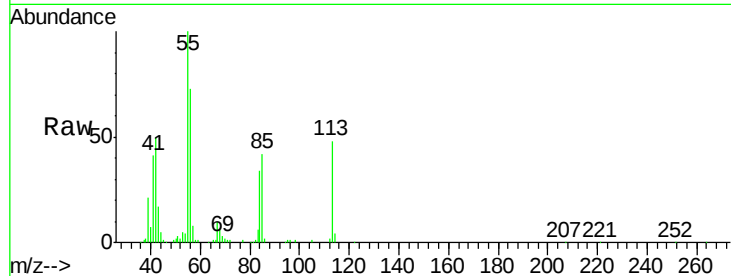
PB118783BS

Tgt Ion:113 Resp: 72361

Ion	Ratio	Lower	Upper
113	100		
55	210.4	184.2	224.2
56	154.0	131.3	171.3

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.159 ng

RT: 12.14 min Scan# 1540

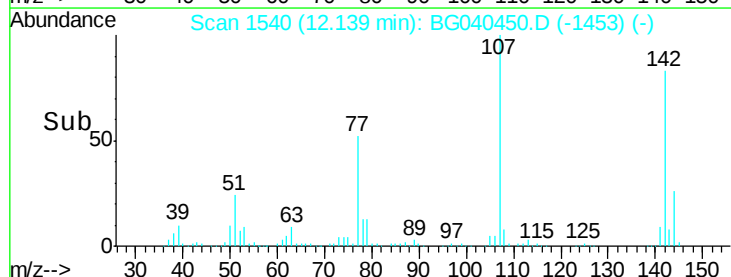
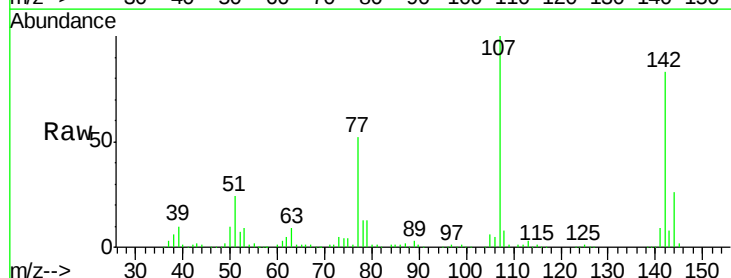
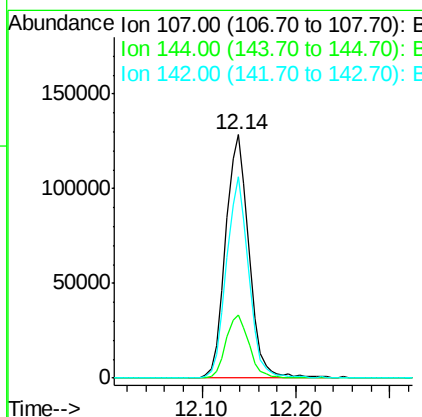
Delta R.T. -0.02 min

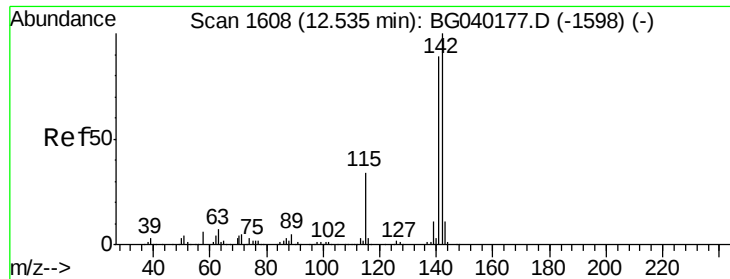
Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:107 Resp: 223018

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	82.7	63.1	94.7





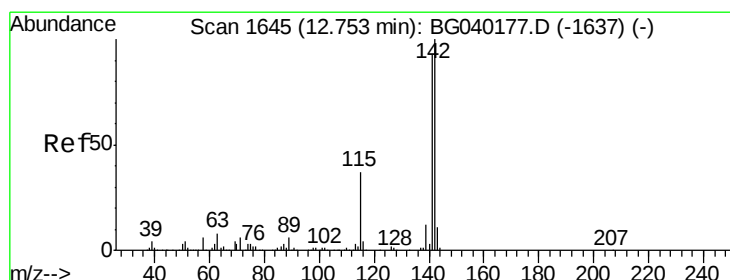
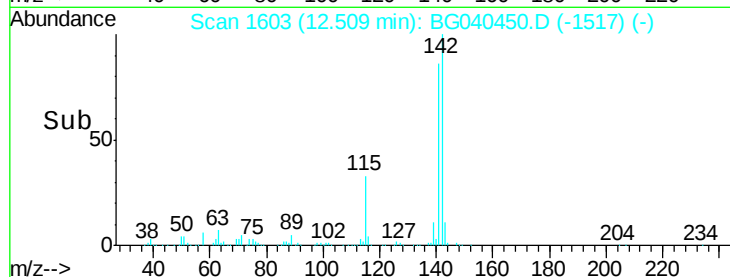
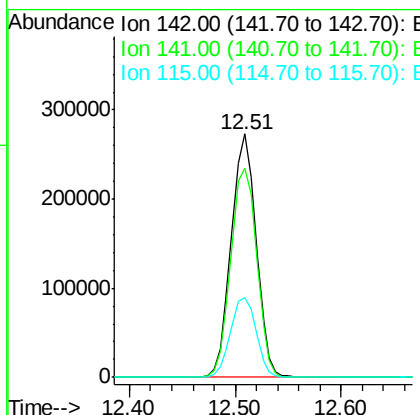
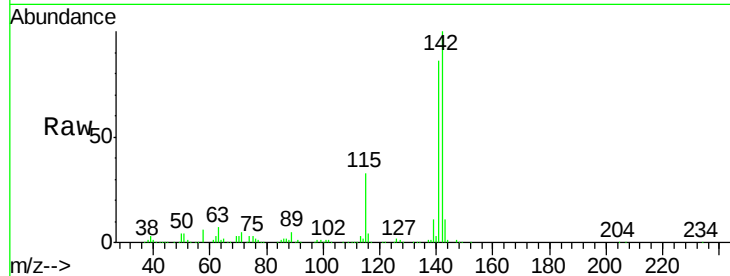
#37
2-Methylnaphthalene
Concen: 42.559 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.0	106.6
115	32.9	27.3	40.9

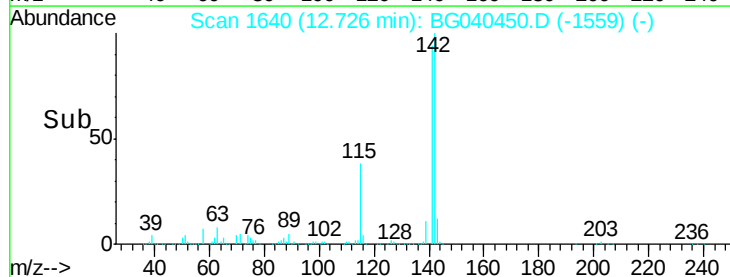
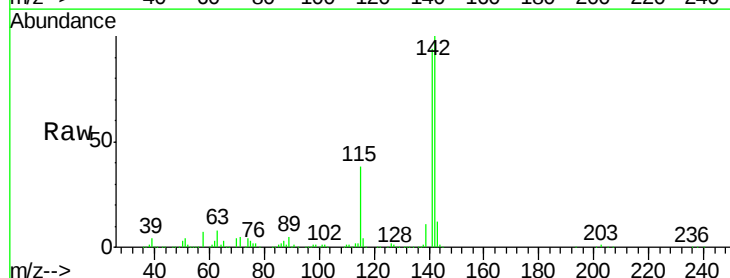
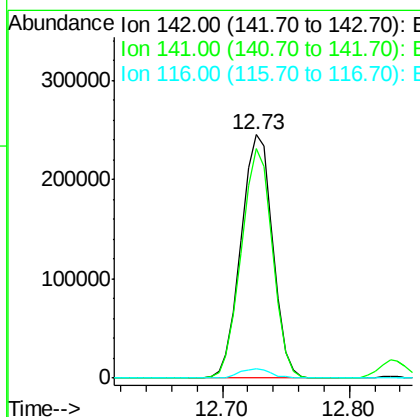
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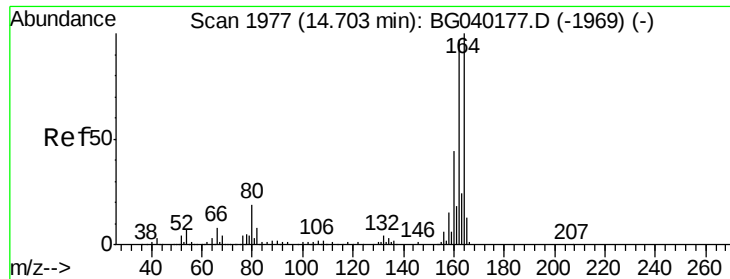
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#38
1-Methylnaphthalene
Concen: 41.850 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.1	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

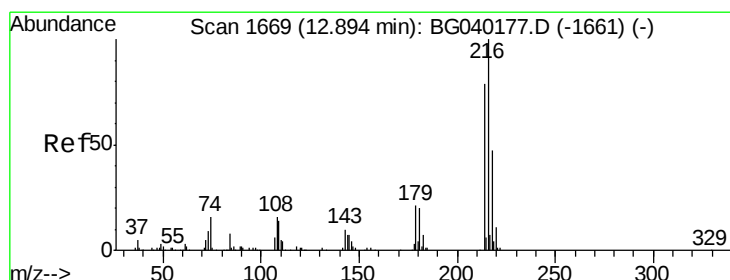
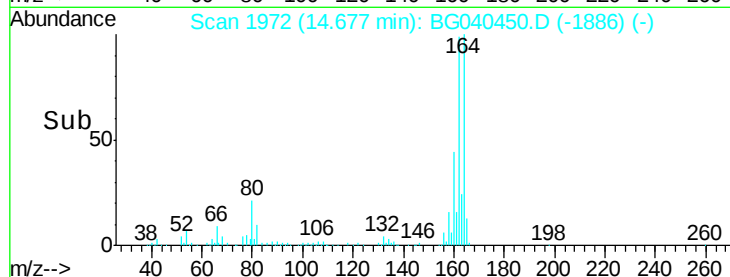
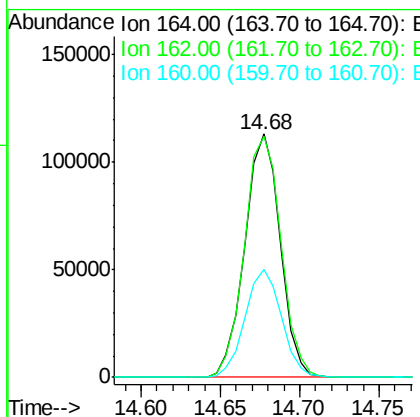
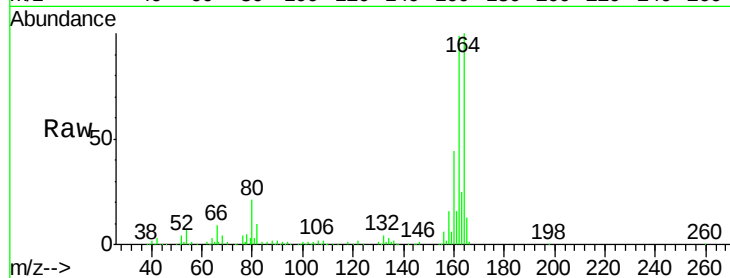
ClientSampled :

PB118783BS

Tgt Ion:	164	Resp:	175000
Ion Ratio	Lower	Upper	
164	100		
162	99.0	77.4	116.2
160	44.3	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.874 ng

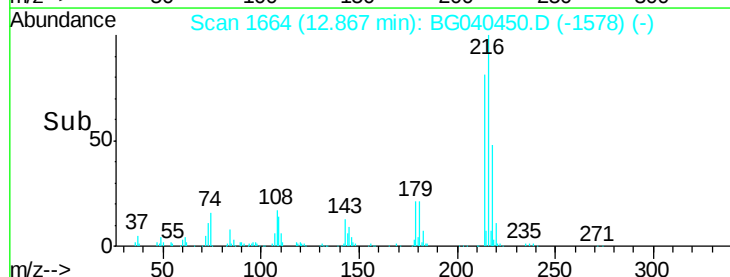
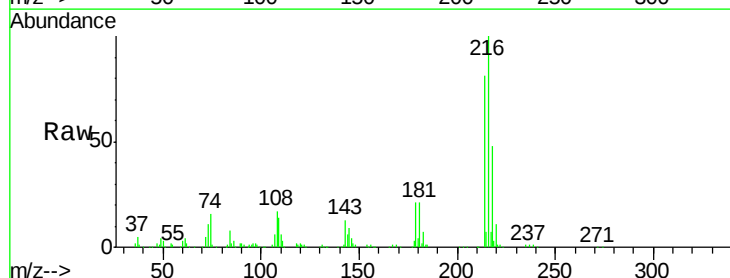
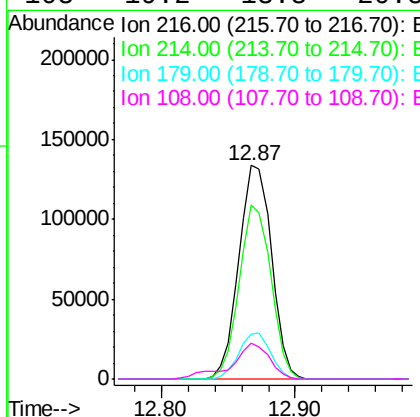
RT: 12.87 min Scan# 1664

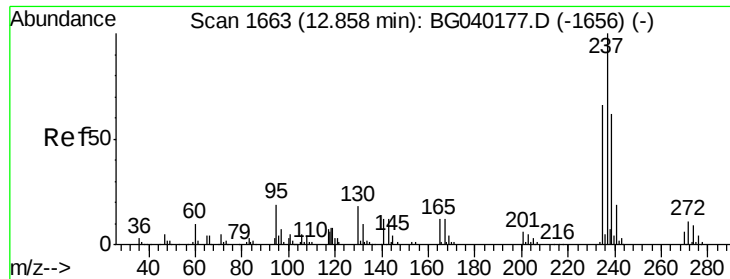
Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	216	Resp:	227347
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.5	95.3
179	21.0	16.6	25.0
108	19.2	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 81.959 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

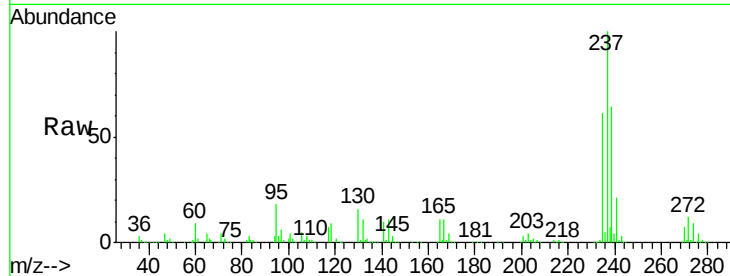
ClientSampleId :

PB118783BS

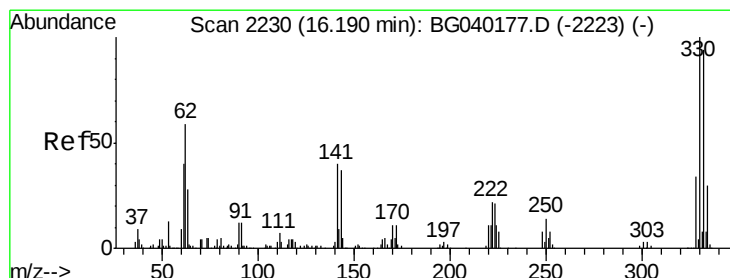
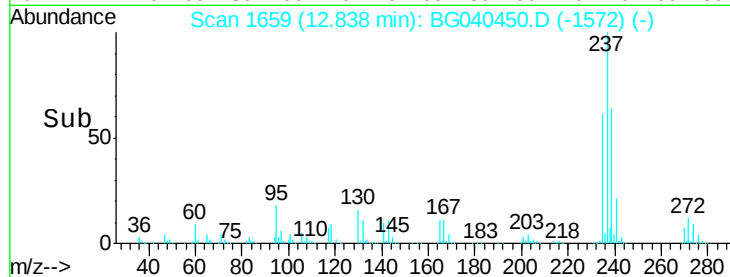
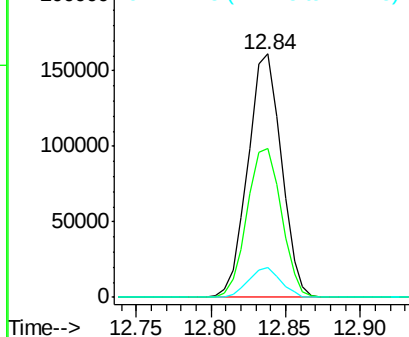
Tgt Ion:	237	Resp:	250304
Ion Ratio		Lower	Upper
237	100		
235	61.1	46.2	86.2
272	12.1	0.0	30.5

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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: 142.692 ng

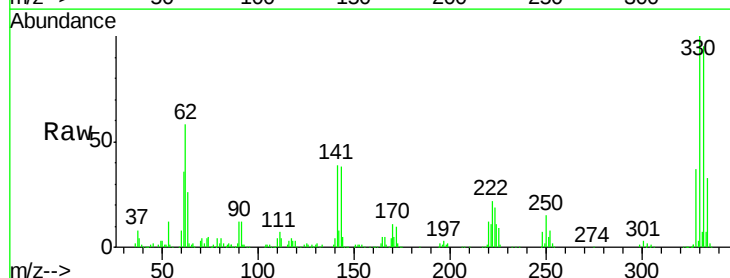
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

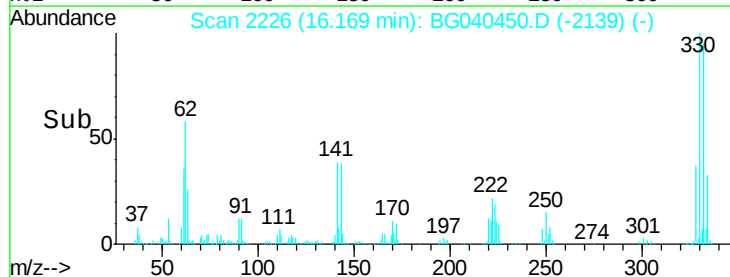
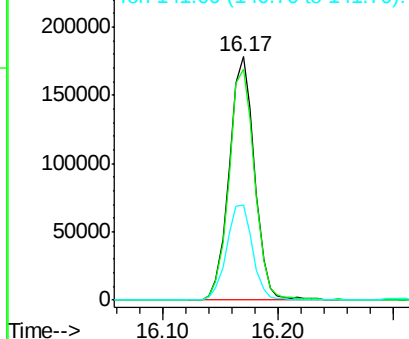
Lab File: BG040450.D

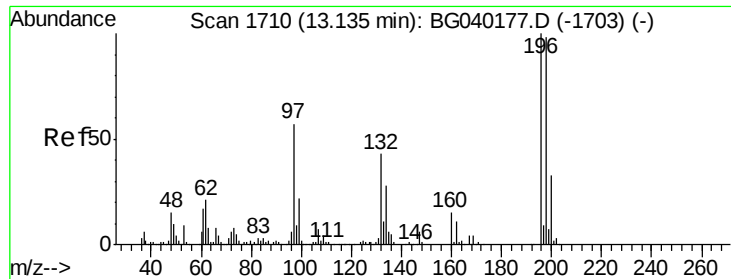
Acq: 11 Apr 2019 20:49

Tgt Ion:	330	Resp:	269872
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.6	115.0
141	40.2	32.6	48.8



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





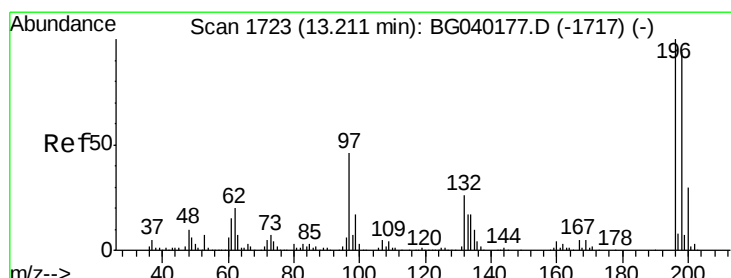
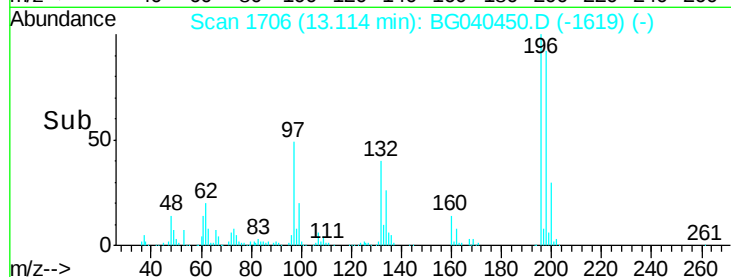
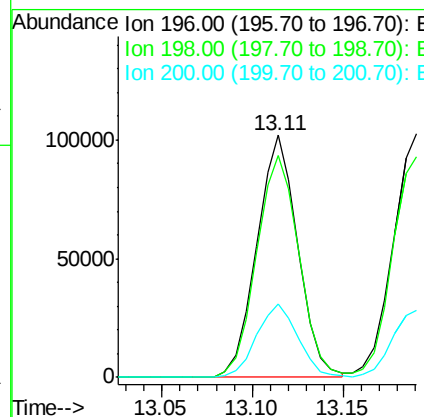
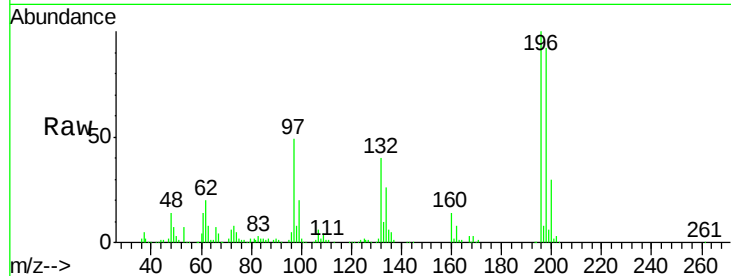
#43
 2,4,6-Trichlorophenol
 Concen: 44.445 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampled :
 PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159382		
198	92.0	78.3	117.5	
200	30.5	26.0	39.0	

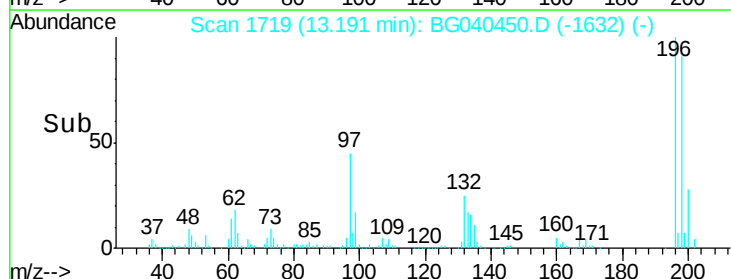
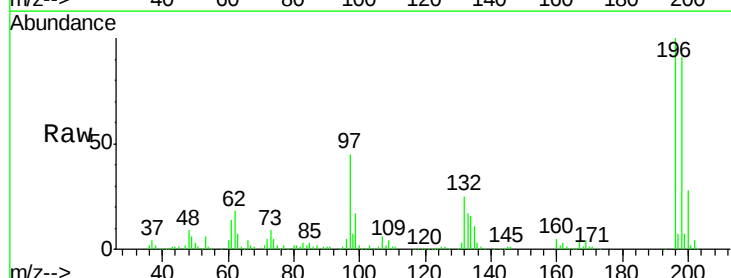
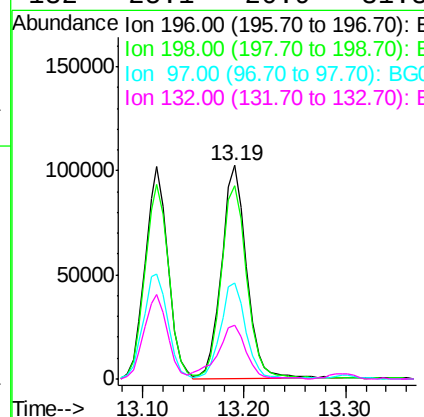
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#44
 2,4,5-Trichlorophenol
 Concen: 44.767 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174981		
198	90.7	75.0	112.6	
97	44.7	37.3	55.9	
132	25.1	20.9	31.3	





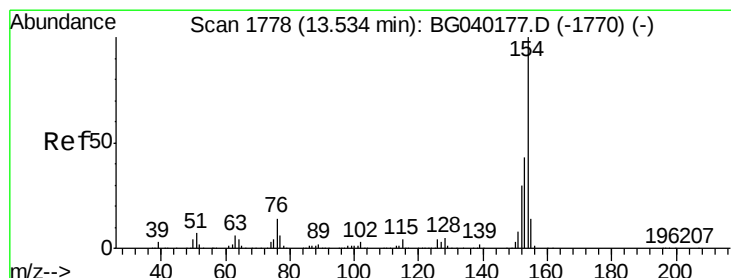
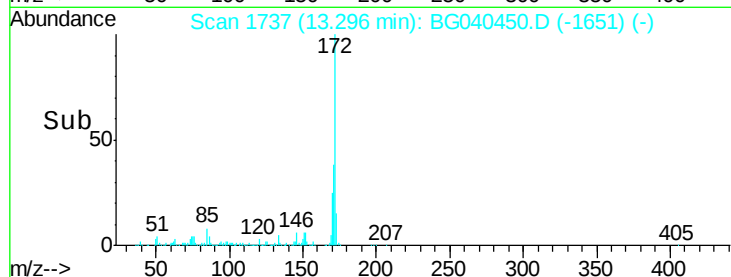
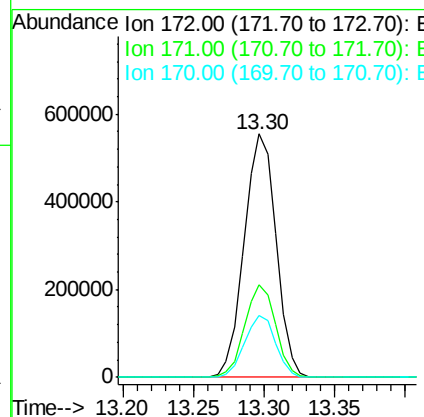
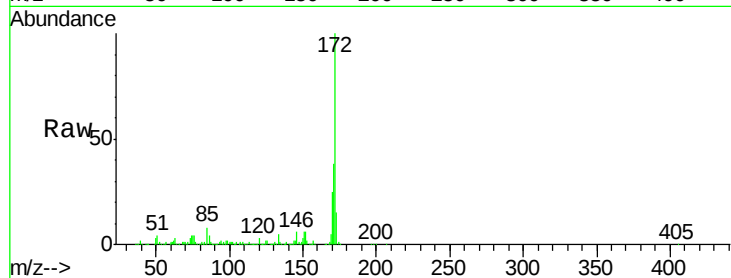
#45
2-Fluorobiphenyl
Concen: 74.240 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.3	20.1	30.1

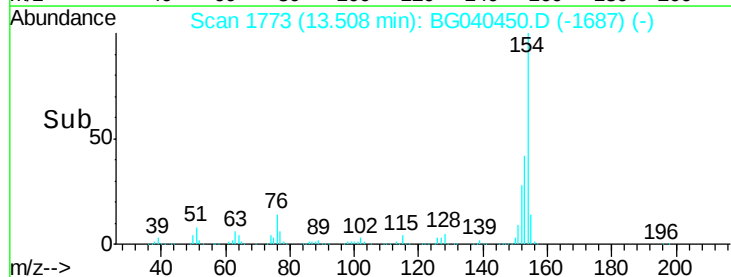
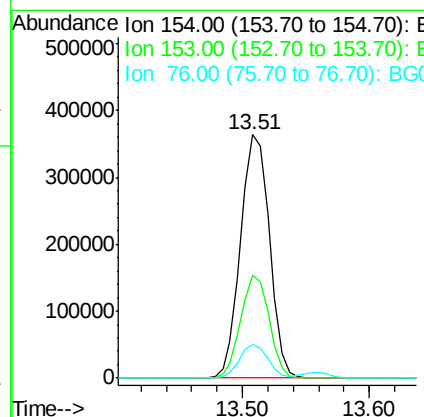
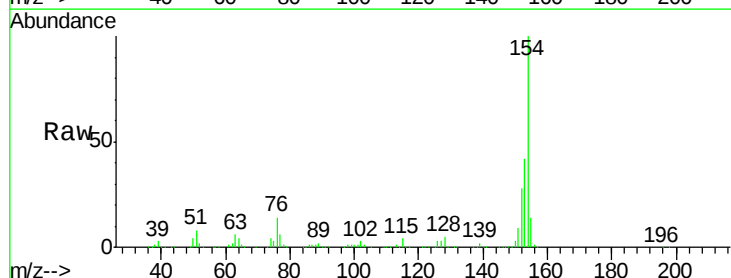
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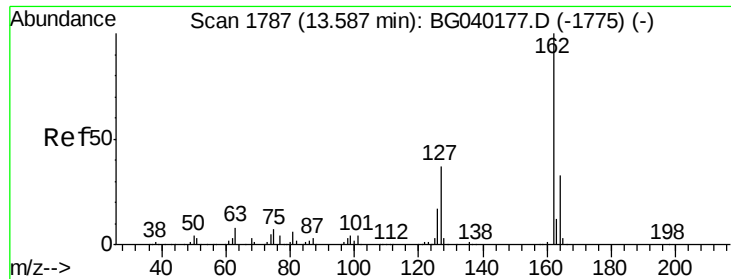
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#46
1,1'-Biphenyl
Concen: 41.569 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.5	62.5
76	13.7	0.0	33.7





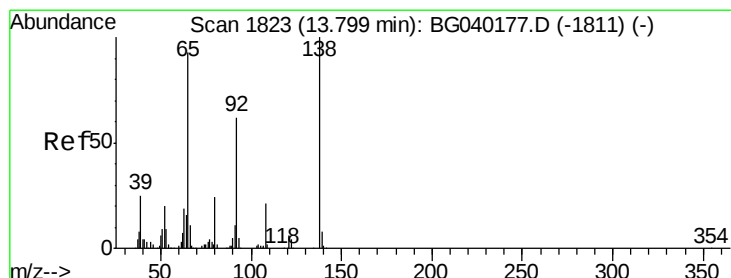
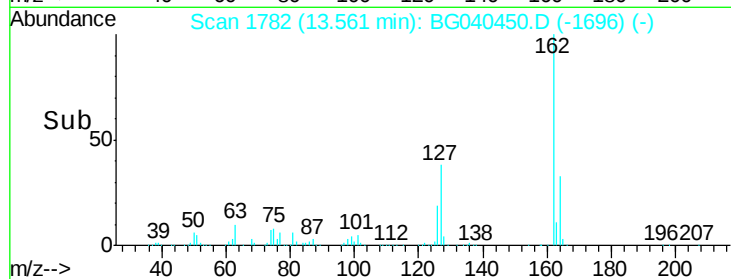
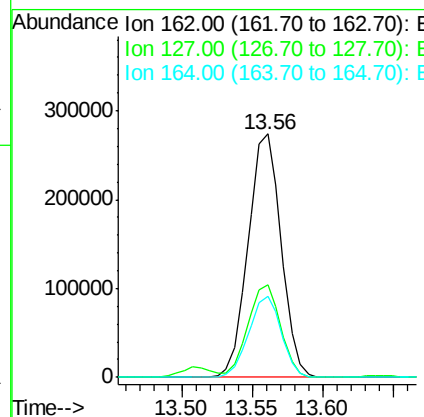
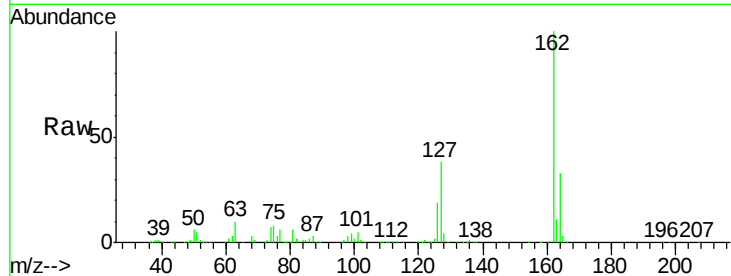
#47
2-Chloronaphthalene
Concen: 42.252 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	448143		
127	37.9	30.6	45.8	
164	33.5	26.2	39.4	

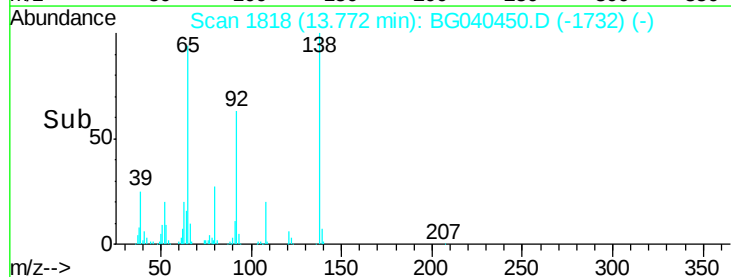
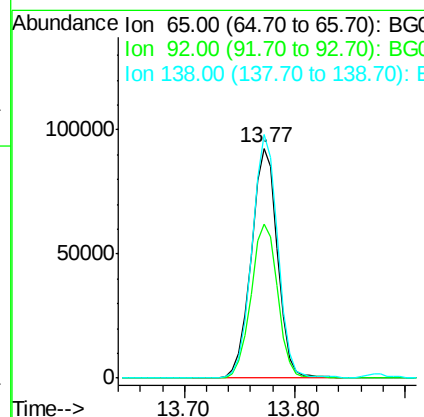
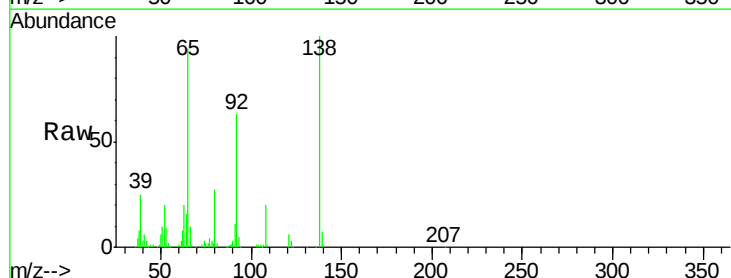
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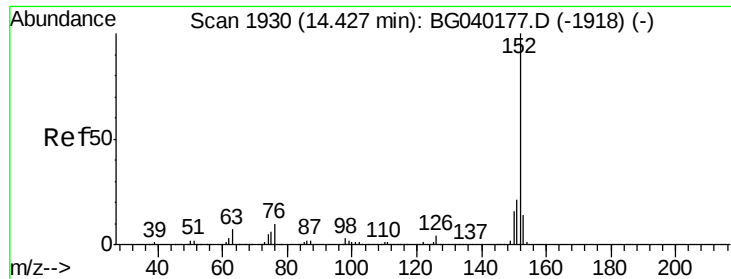
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#48
2-Nitroaniline
Concen: 43.346 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155076		
92	66.7	53.8	80.6	
138	105.9	86.3	129.5	





#49

Acenaphthylene

Concen: 40.945 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

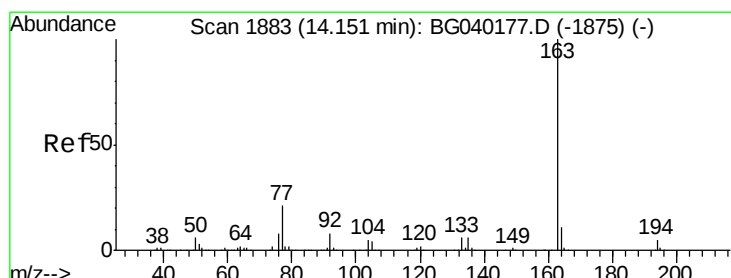
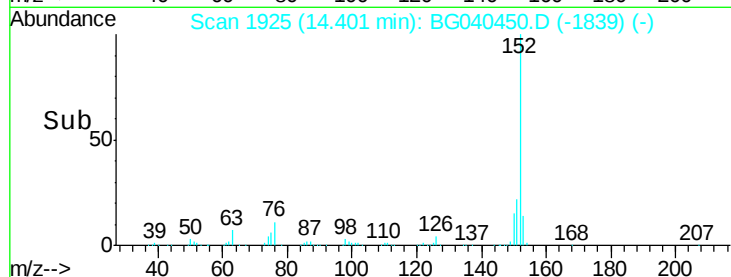
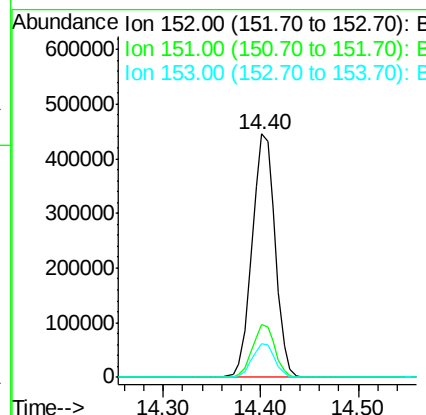
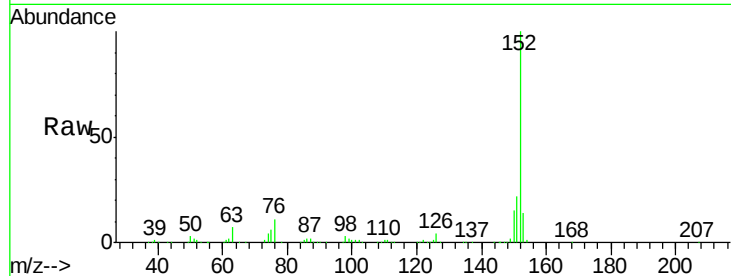
ClientSampleId :

PB118783BS

Tgt Ion:	152	Resp:	736313
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.0	25.6
153	13.6	10.8	16.2

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#50

Dimethylphthalate

Concen: 42.513 ng

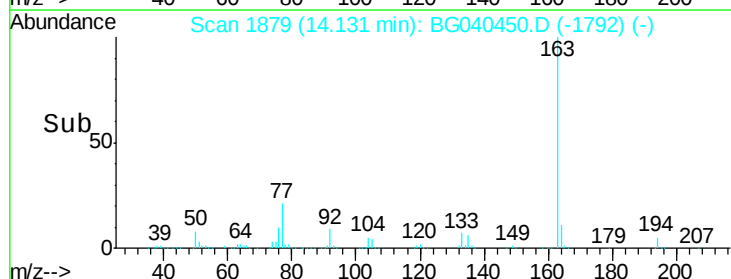
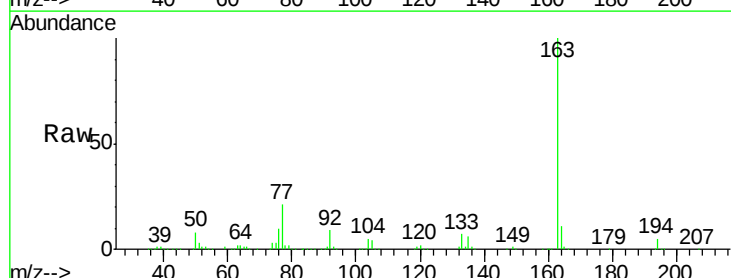
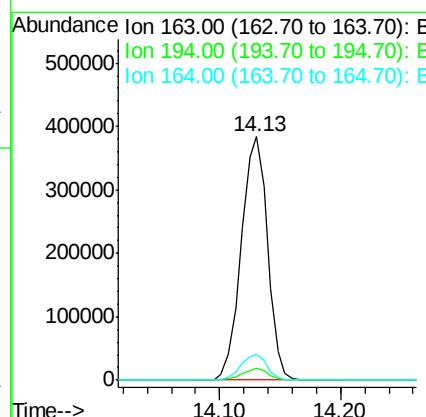
RT: 14.13 min Scan# 1879

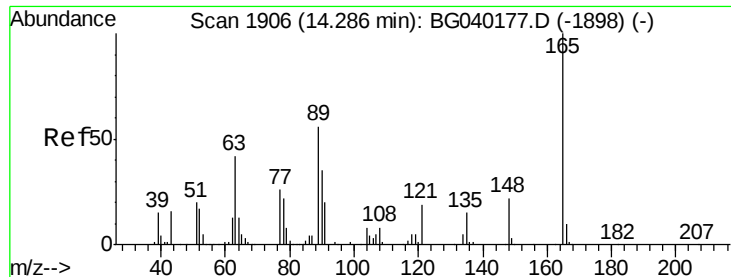
Delta R.T. -0.02 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	163	Resp:	582265
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.1	6.1
164	10.7	8.6	13.0





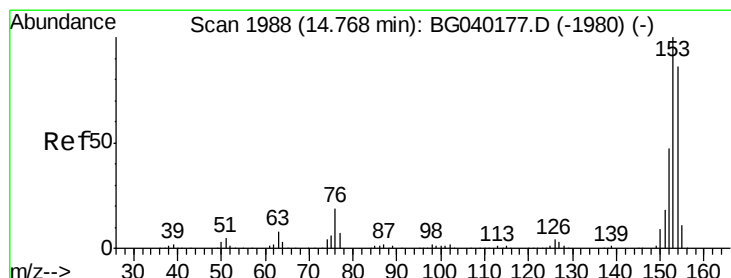
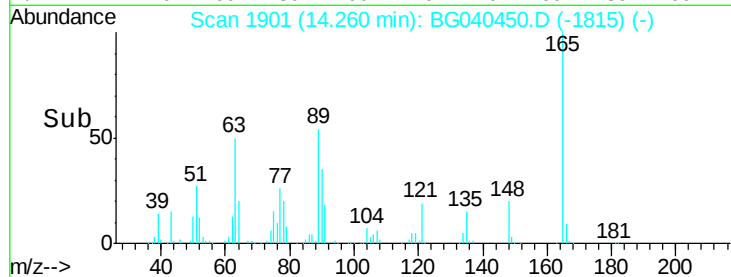
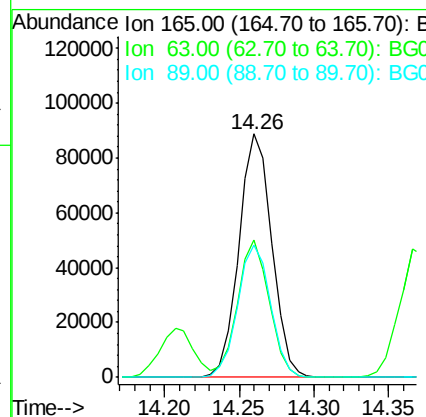
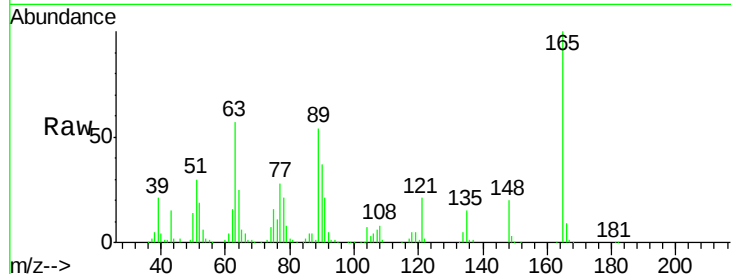
#51
 2,6-Dinitrotoluene
 Concen: 44.092 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.6	44.1	66.1
89	54.2	44.9	67.3

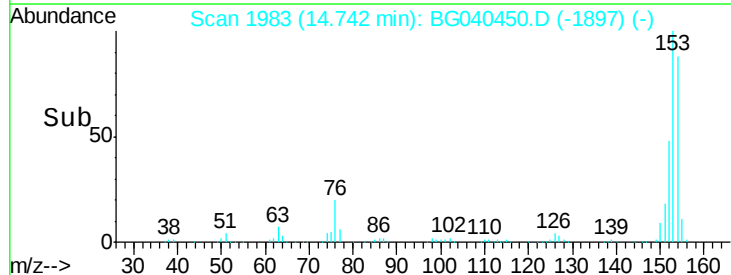
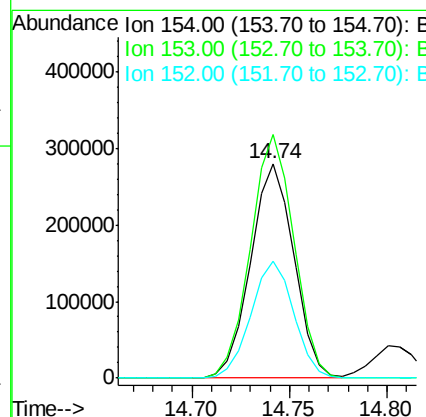
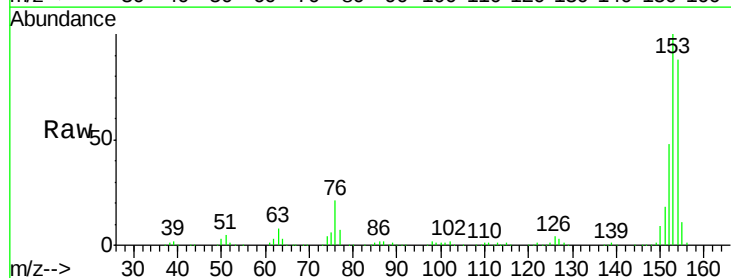
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#52
 Acenaphthene
 Concen: 41.677 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.5	92.8	139.2
152	54.7	43.4	65.2





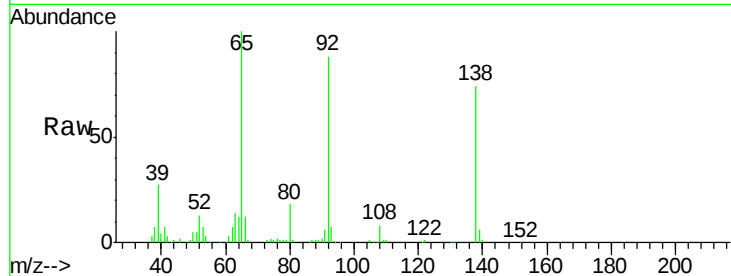
#53
 3-Nitroaniline
 Concen: 33.041 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampled :
 PB118783BS

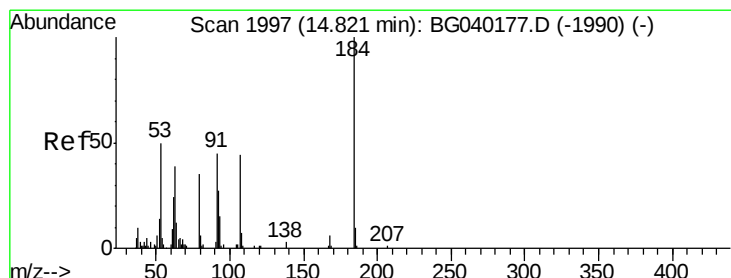
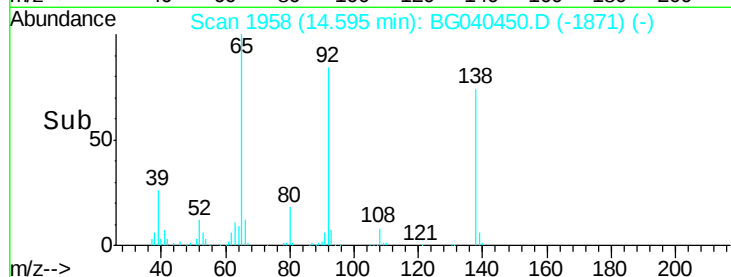
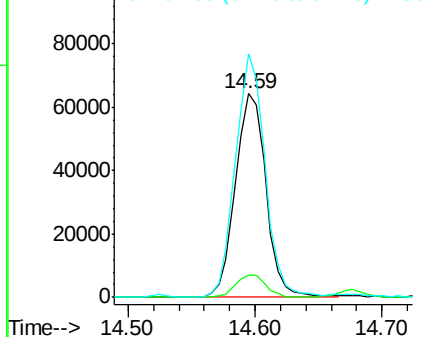
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	119.7	87.5	131.3

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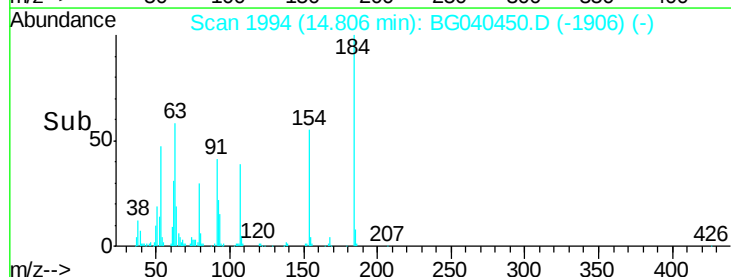
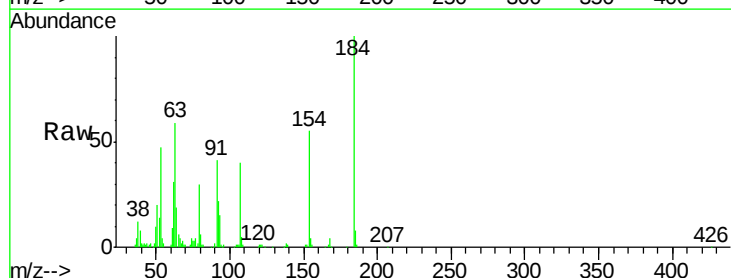
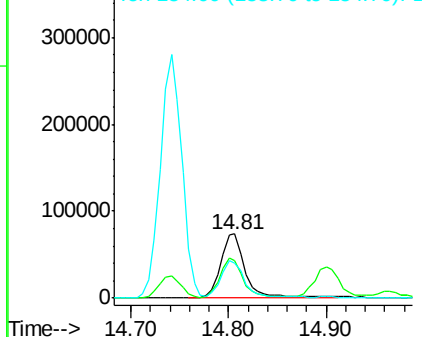
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

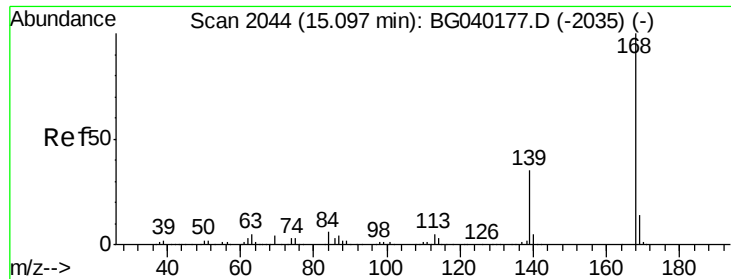


#54
 2,4-Dinitrophenol
 Concen: 79.655 ng
 RT: 14.81 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	51.8	77.8
154	54.7	50.9	76.3

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





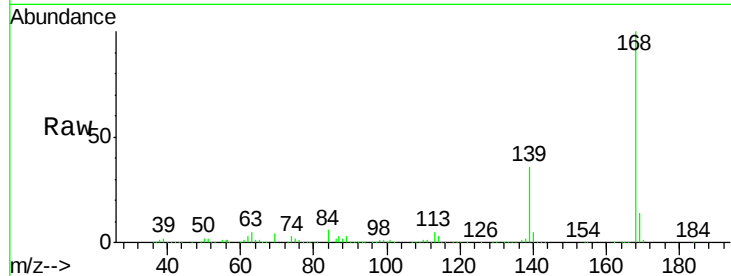
#55
Dibenzofuran
Concen: 42.919 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

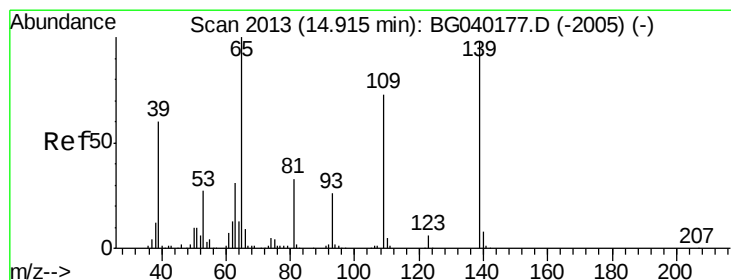
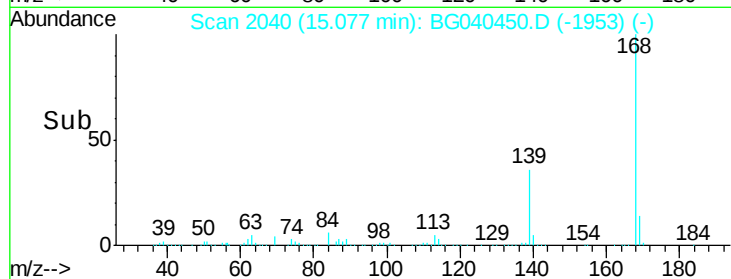
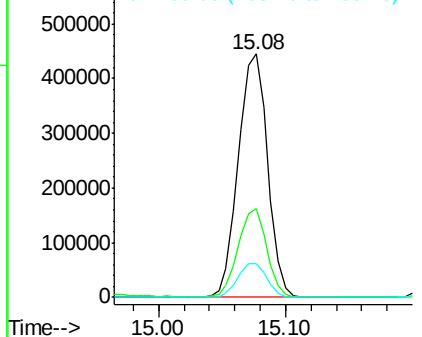
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	710645		
139	36.4	27.9	41.9	
169	13.8	11.3	16.9	

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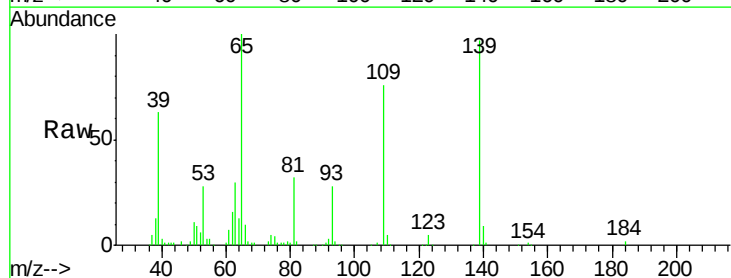


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

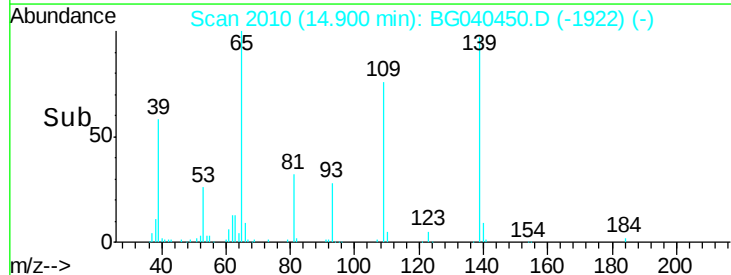
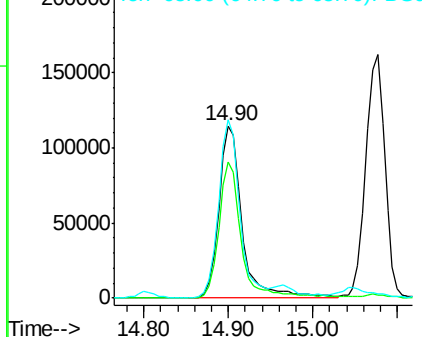


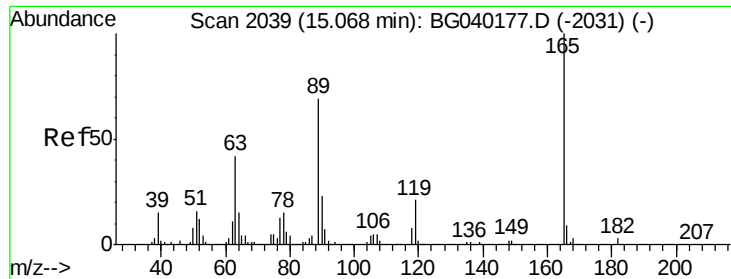
#56
4-Nitrophenol
Concen: 83.767 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220081		
109	78.6	54.3	94.3	
65	103.5	82.5	122.5	



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): BG





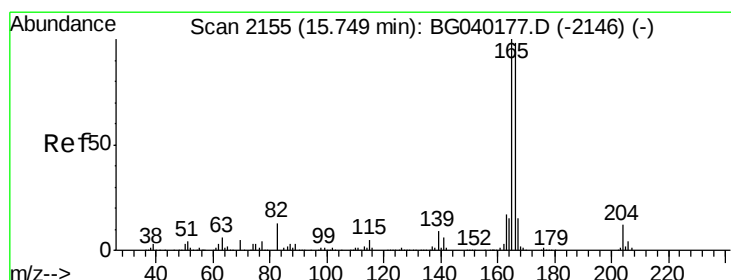
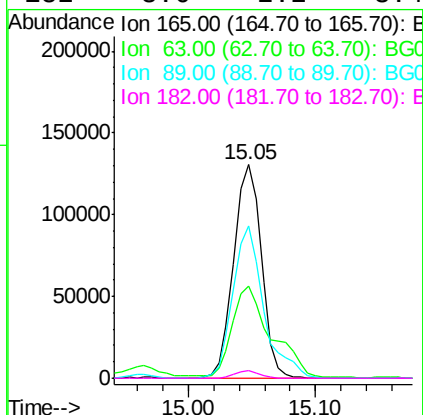
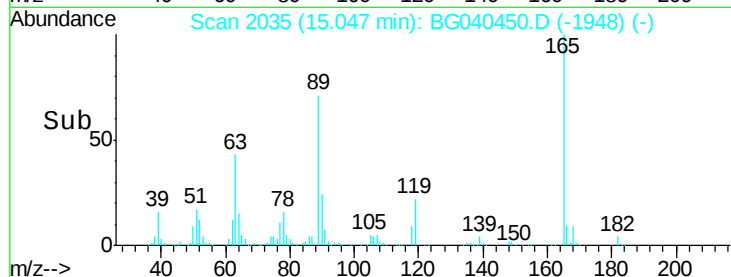
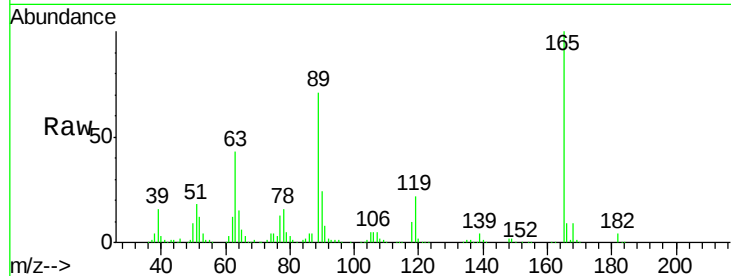
#57
2,4-Dinitrotoluene
Concen: 46.157 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197236		
63	43.4	33.8	50.6	
89	71.3	55.4	83.2	
182	3.6	2.2	3.4	

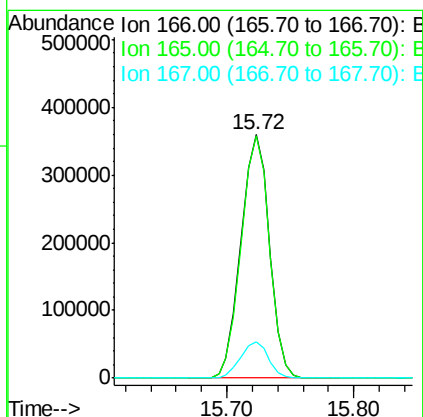
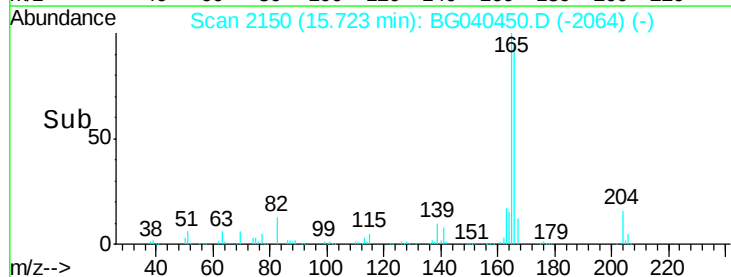
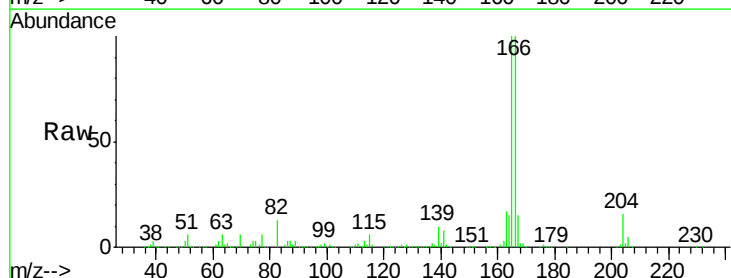
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#58
Fluorene
Concen: 42.951 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	559143		
165	99.8	81.7	122.5	
167	14.7	11.9	17.9	





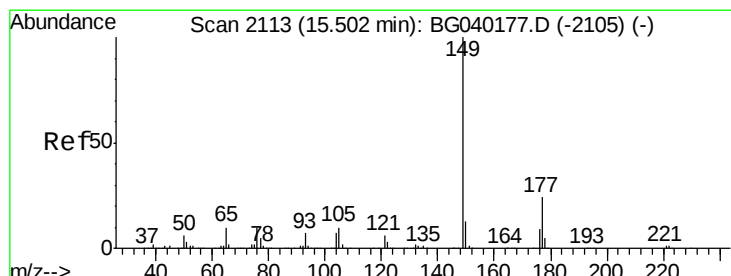
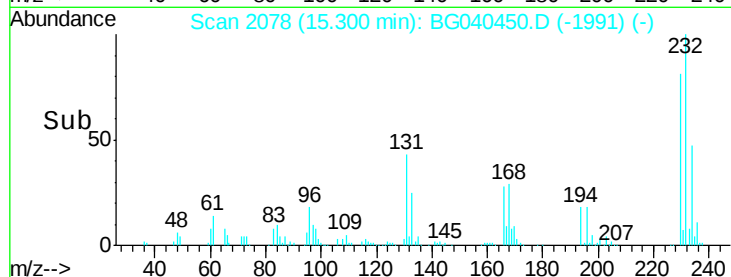
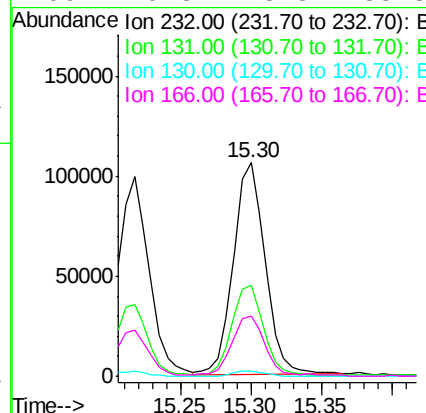
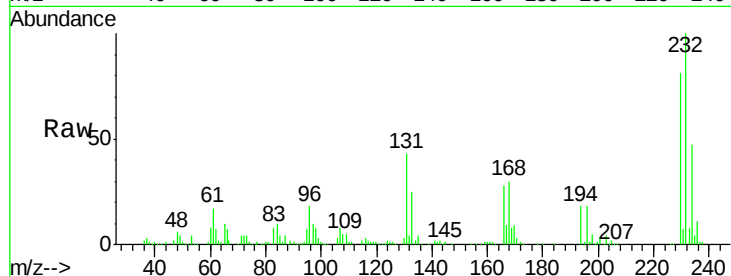
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.223 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion:	232	Resp:	167498
Ion Ratio	Lower	Upper	
232	100		
131	42.4	32.9	49.3
130	2.5	1.8	2.8
166	29.3	23.5	35.3

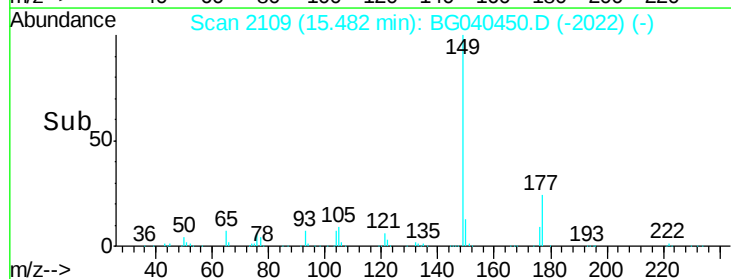
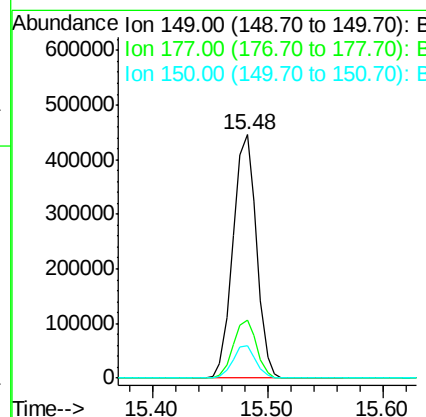
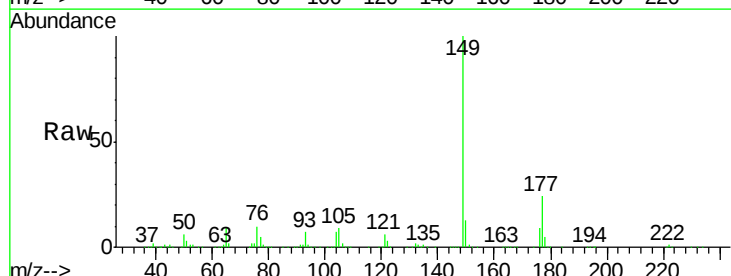
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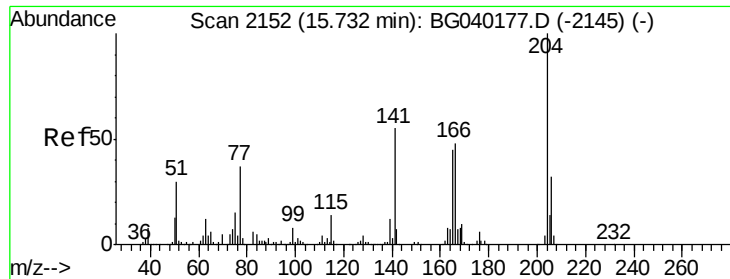
Sohil
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#60
 Diethylphthalate
 Concen: 44.594 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion:	149	Resp:	624991
Ion Ratio	Lower	Upper	
149	100		
177	24.0	19.1	28.7
150	13.1	10.6	15.8





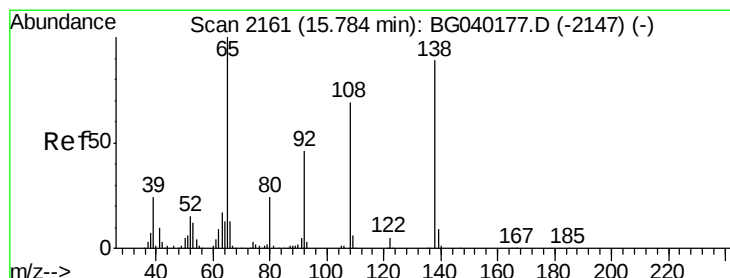
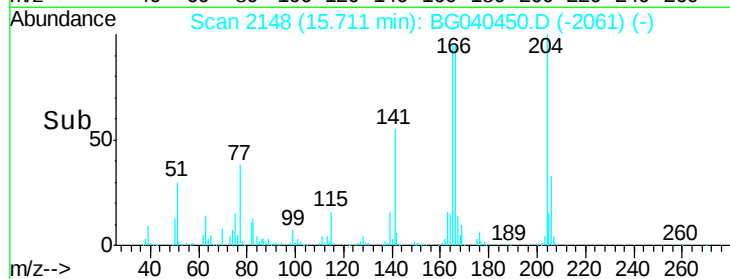
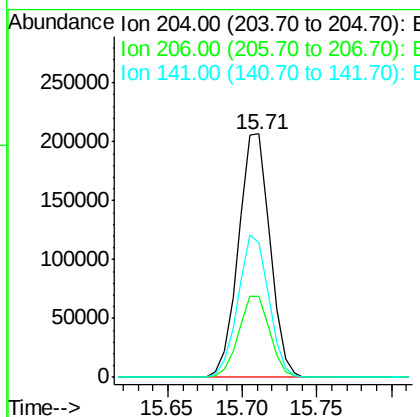
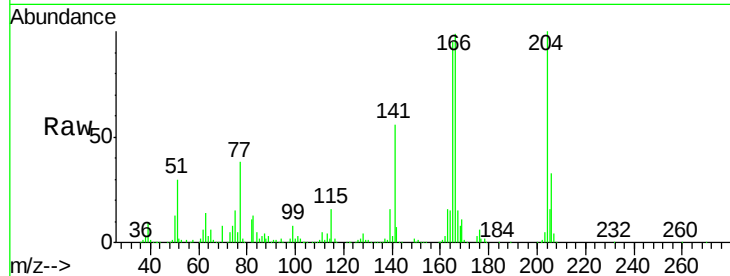
#61
 4-Chlorophenyl-phenylether
 Concen: 43.434 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampled :
 PB118783BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.7	38.5
141	55.6	44.0	66.0

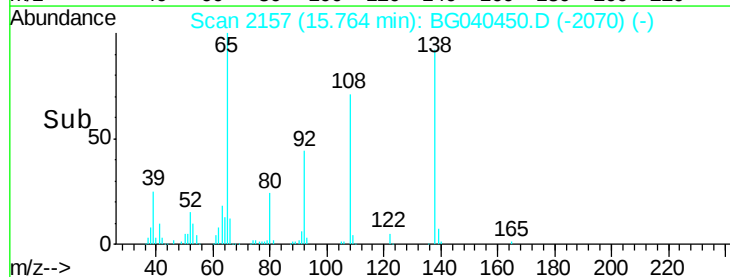
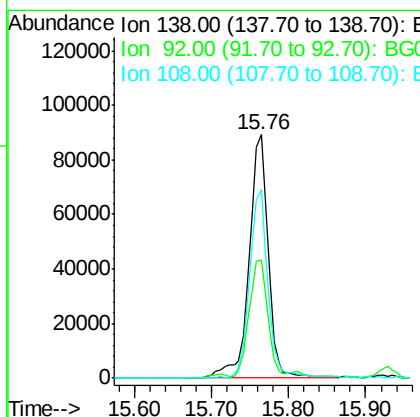
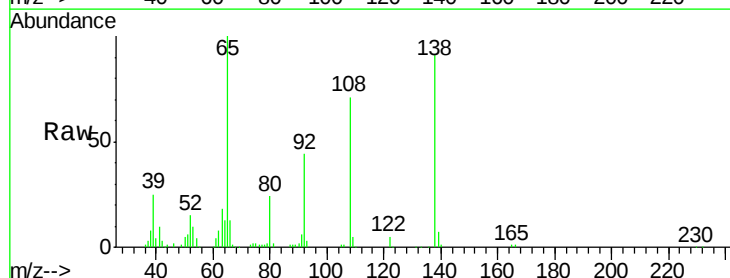
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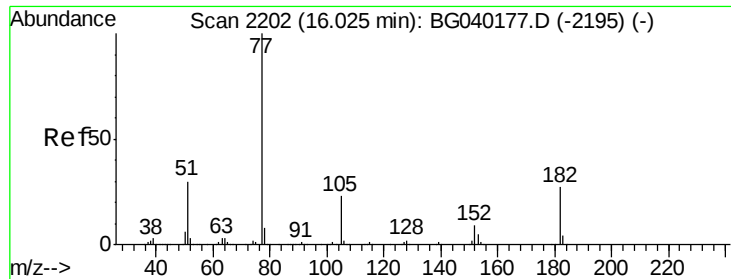
Sohil
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#62
 4-Nitroaniline
 Concen: 44.879 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.8	71.8
108	77.7	57.2	97.2





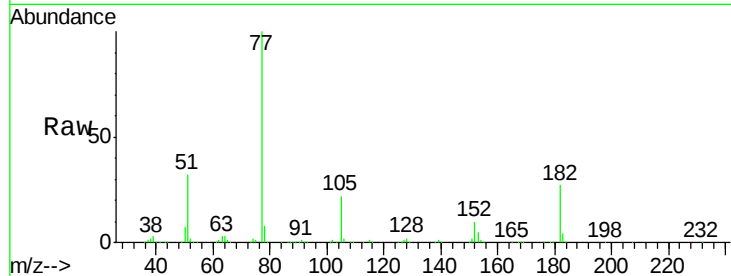
#63
Azobenzene
Concen: 44.080 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

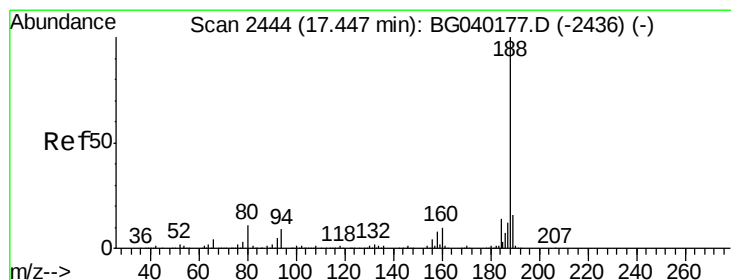
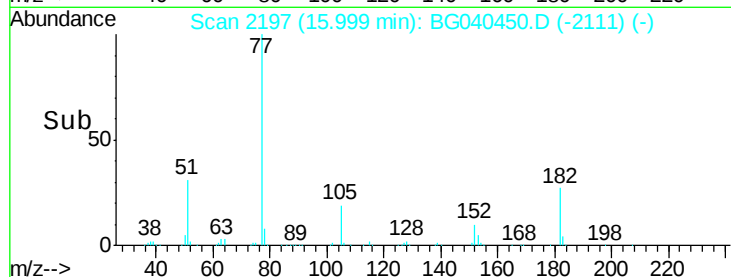
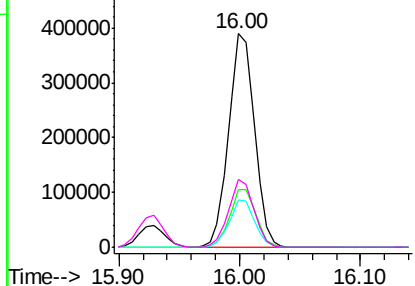
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.2	47.2
105	22.0	2.8	42.8
51	31.7	10.4	50.4

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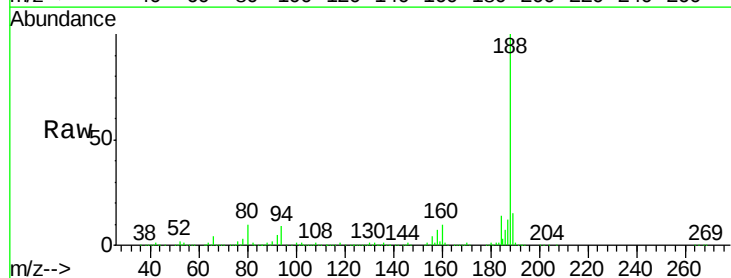


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

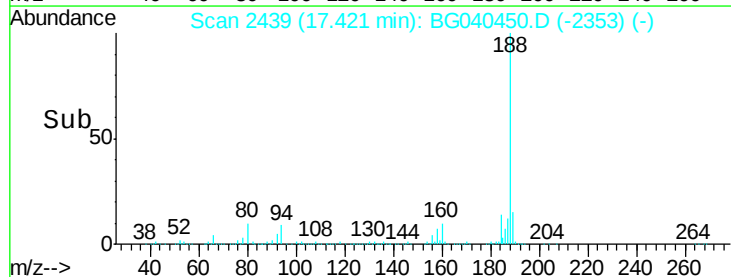
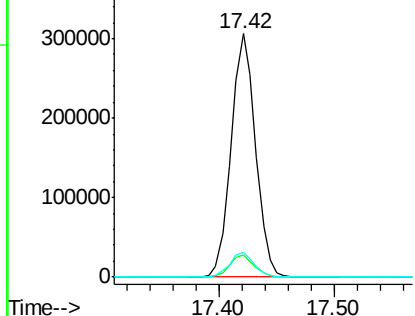


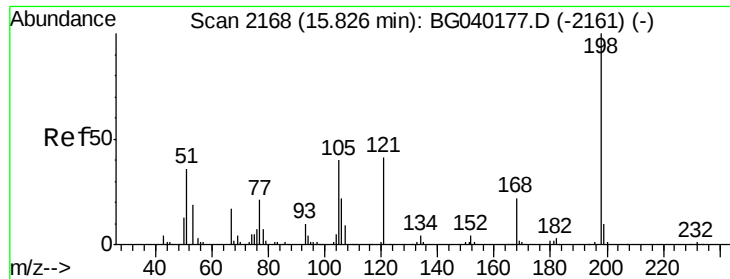
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.1	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





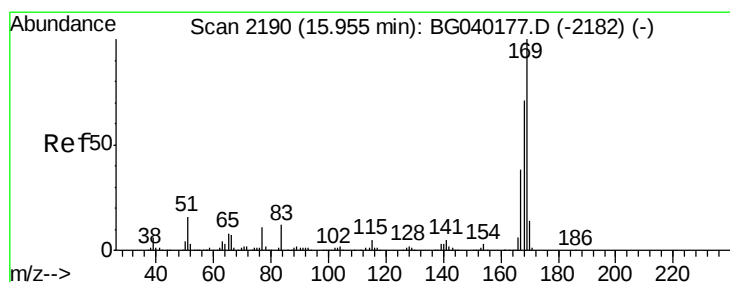
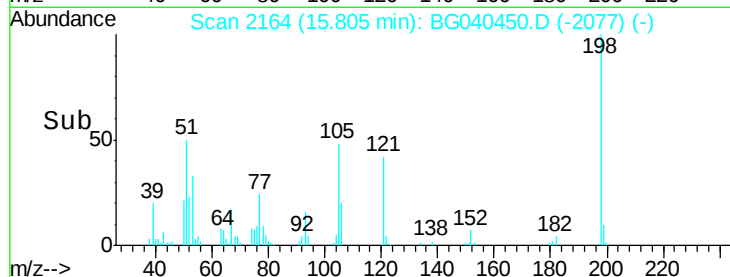
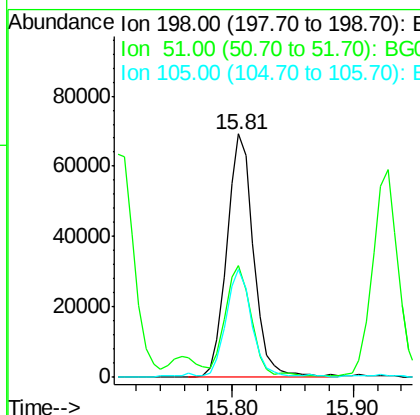
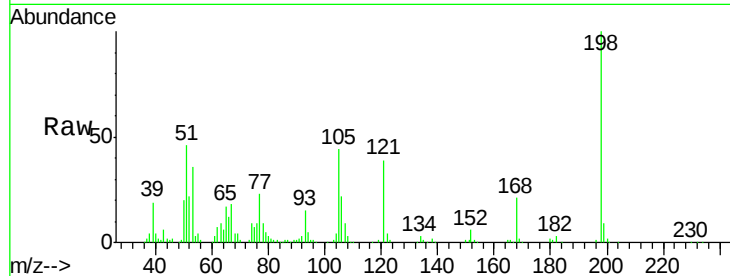
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.541 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	106680		
51	46.1	27.3	67.3	
105	44.3	21.7	61.7	

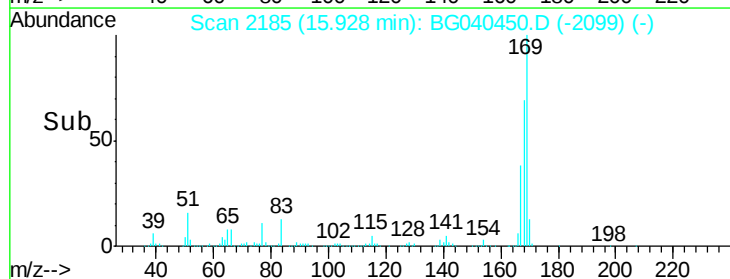
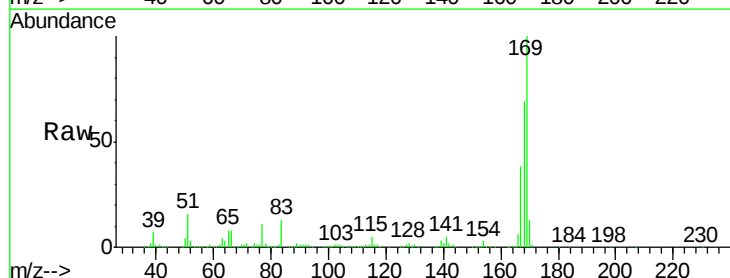
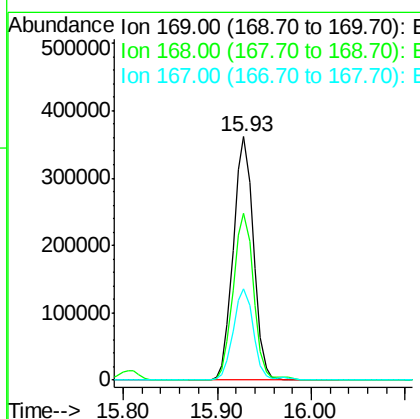
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#66
 n-Nitrosodiphenylamine
 Concen: 41.236 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	538613		
168	68.7	56.8	85.2	
167	37.5	30.2	45.4	





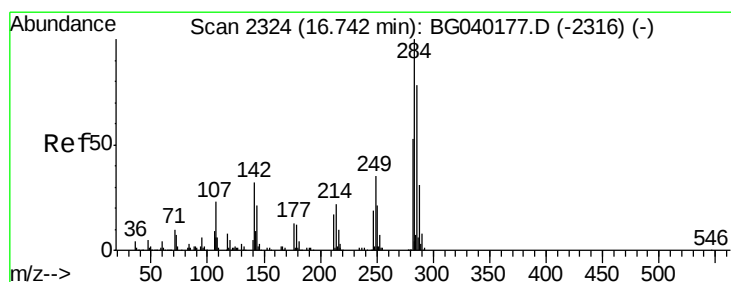
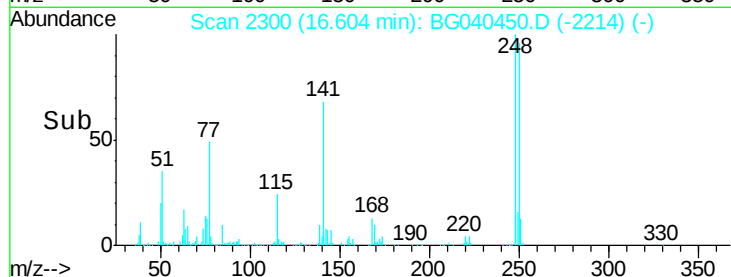
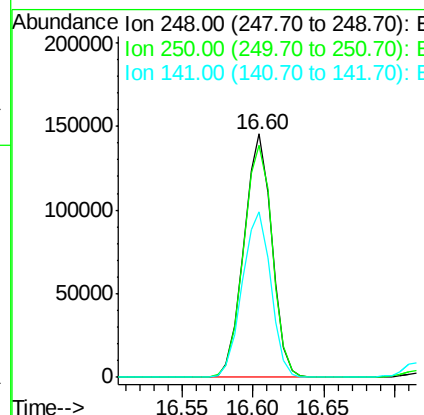
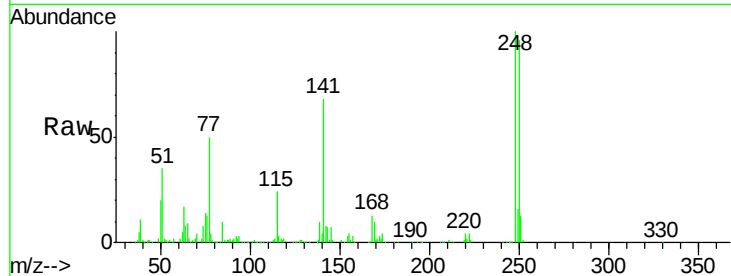
#67
4-Bromophenyl-phenylether
Concen: 40.036 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201102		
250	95.6	76.4	114.6	
141	67.9	53.8	80.8	

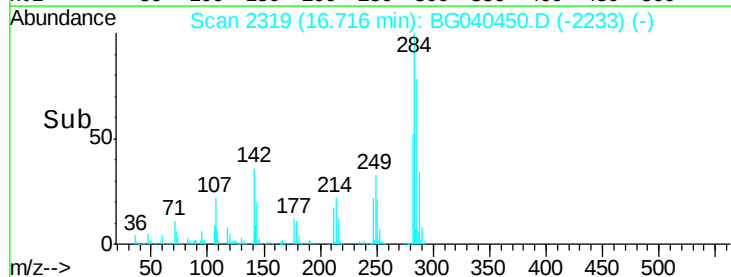
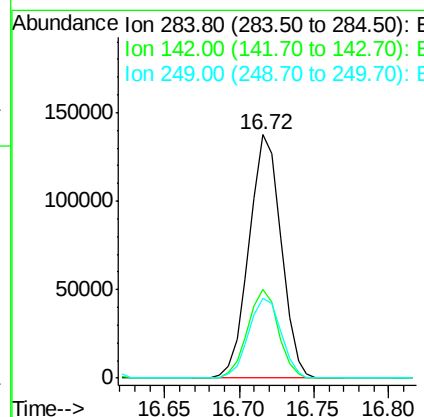
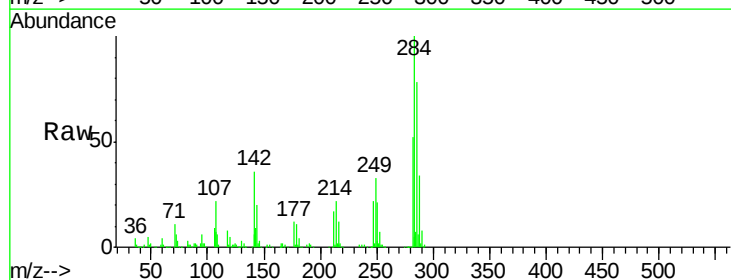
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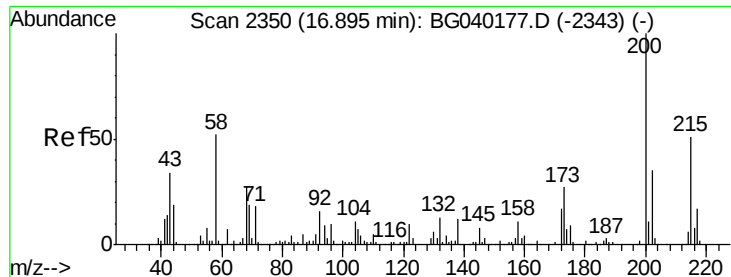
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#68
Hexachlorobenzene
Concen: 40.369 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	203882		
142	36.3	25.3	37.9	
249	32.7	28.2	42.2	





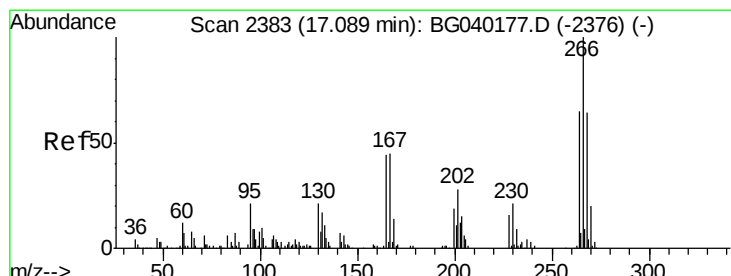
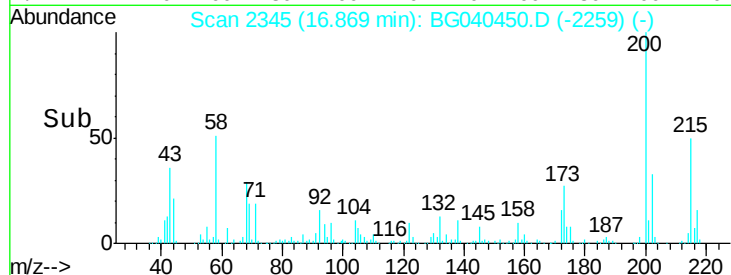
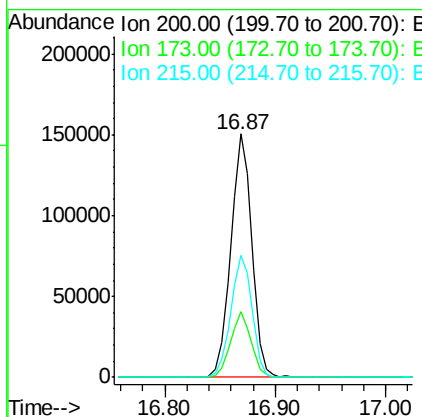
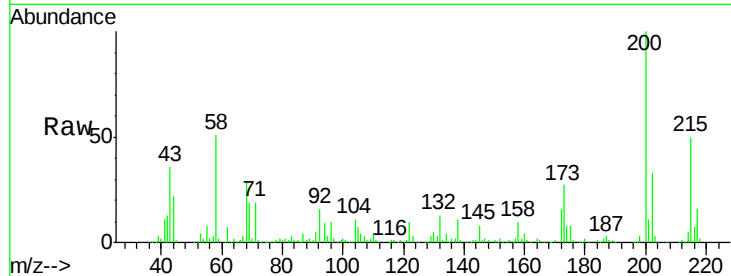
#69
Atrazine
Concen: 41.506 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.03 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	7.1	47.1
215	49.9	30.9	70.9

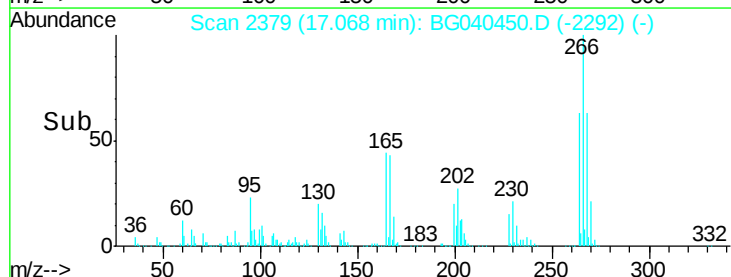
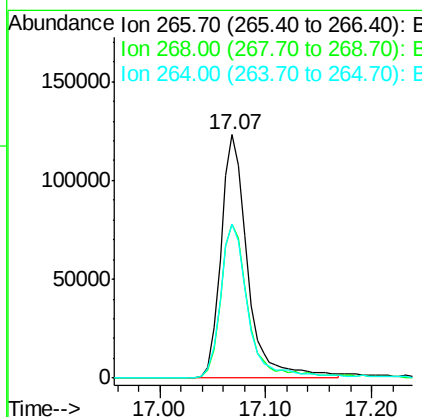
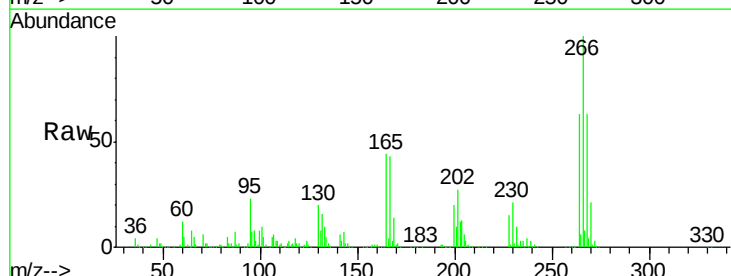
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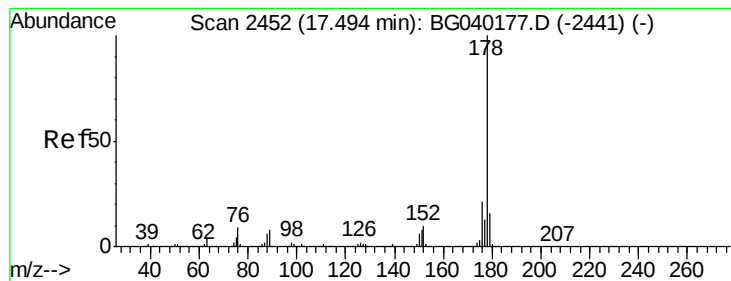
Sohil
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#70
Pentachlorophenol
Concen: 74.432 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.02 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	55.0	82.4
264	63.3	51.8	77.8





#71

Phenanthrene

Concen: 41.502 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

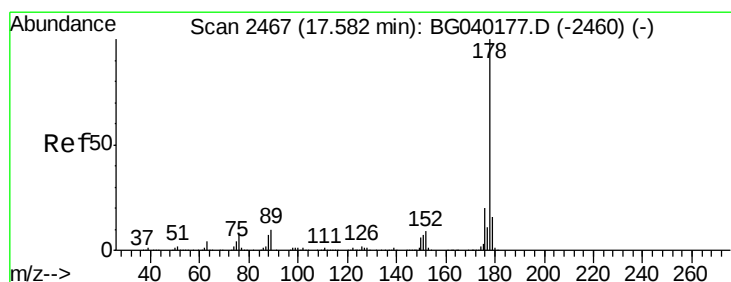
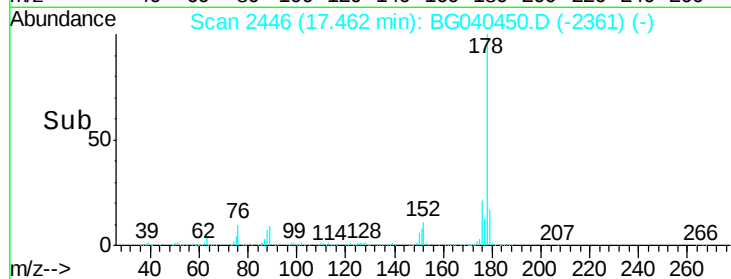
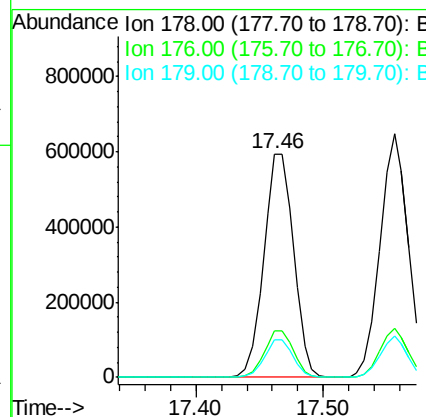
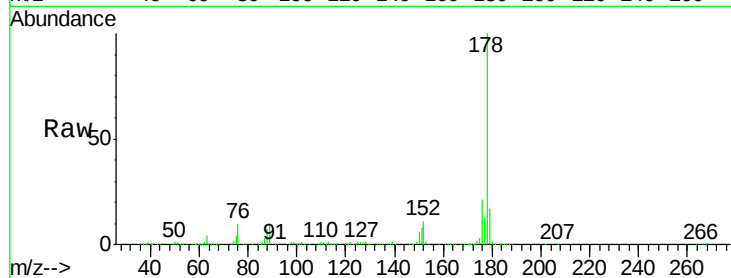
ClientSampleId :

PB118783BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.7	25.1
179	17.1	12.8	19.2

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#72

Anthracene

Concen: 42.571 ng

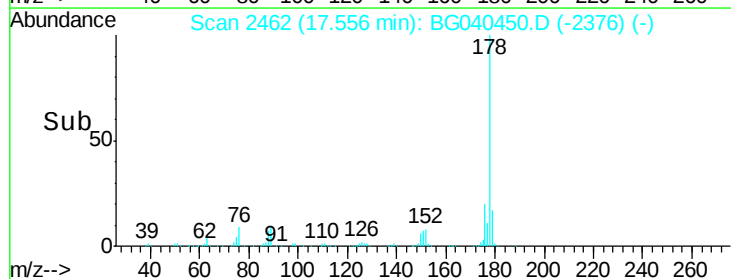
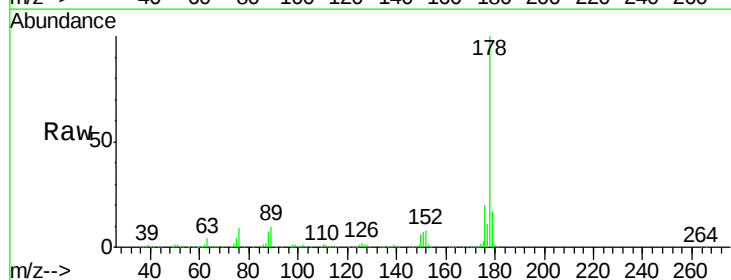
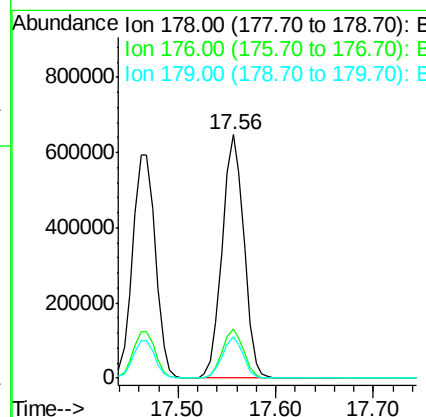
RT: 17.56 min Scan# 2462

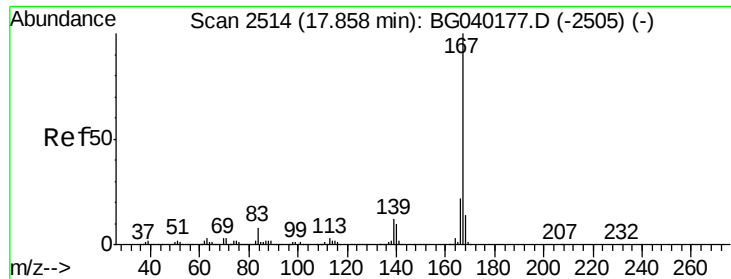
Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.8	12.9	19.3





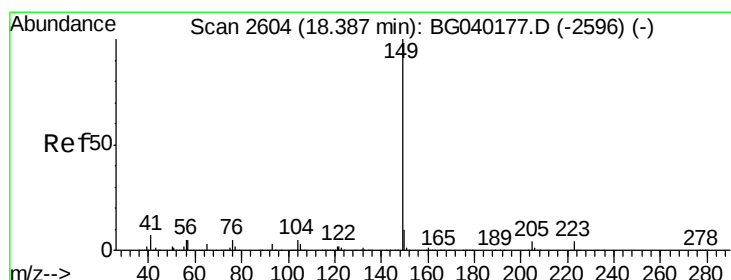
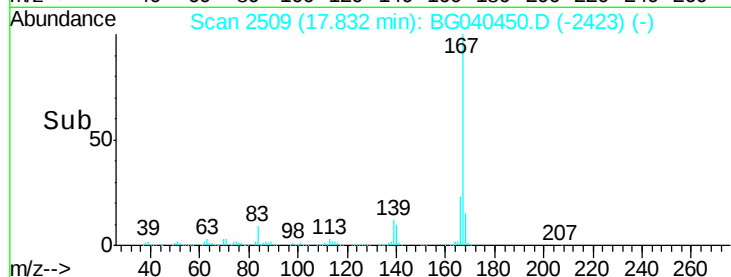
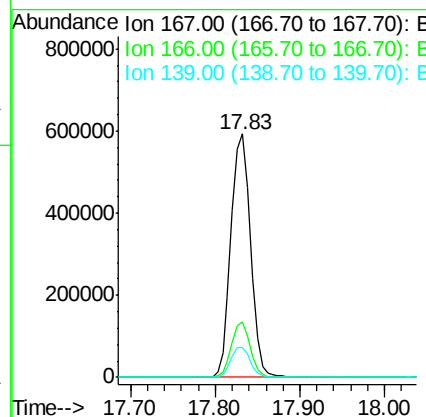
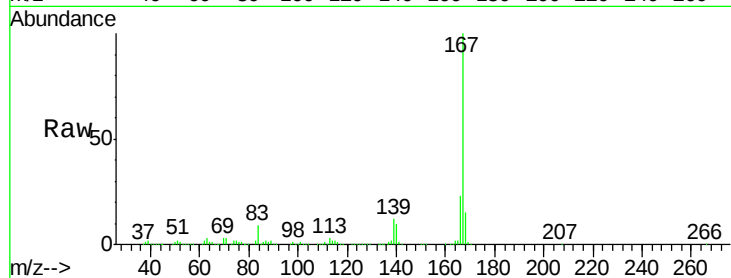
#73
 Carbazole
 Concen: 42.662 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	948124		
166	23.0		17.5	26.3
139	12.3		10.0	15.0

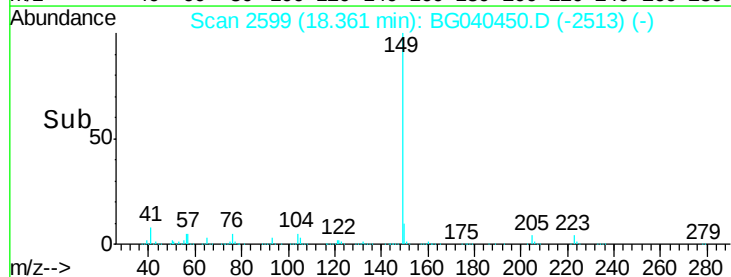
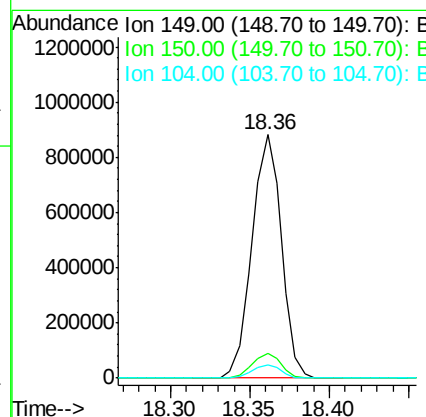
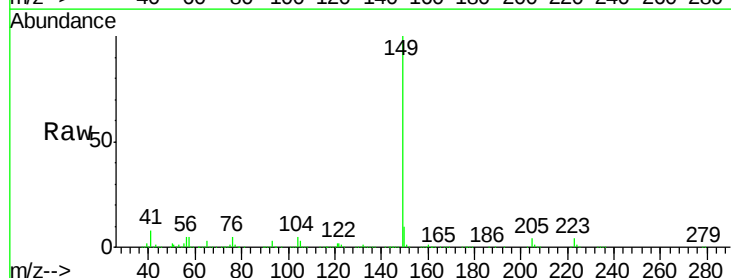
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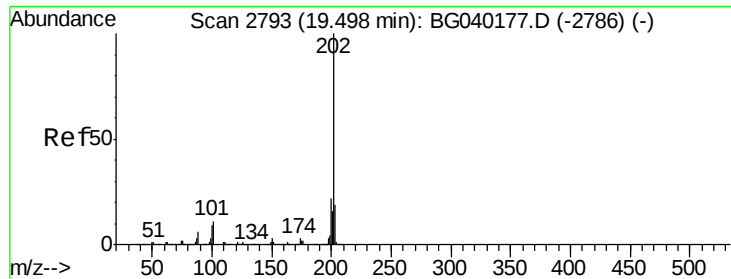
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#74
 Di-n-butylphthalate
 Concen: 43.138 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1136376		
150	10.3		7.9	11.9
104	5.4		4.1	6.1





#75

Fluoranthene

Concen: 43.710 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

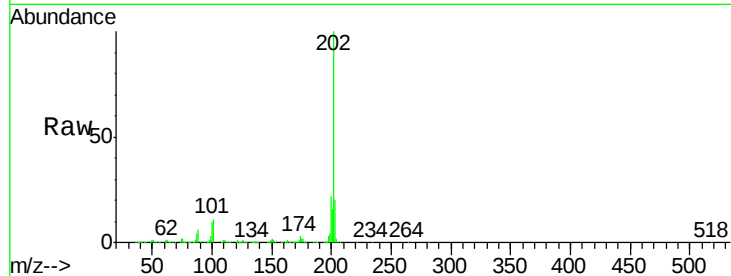
ClientSampled :

PB118783BS

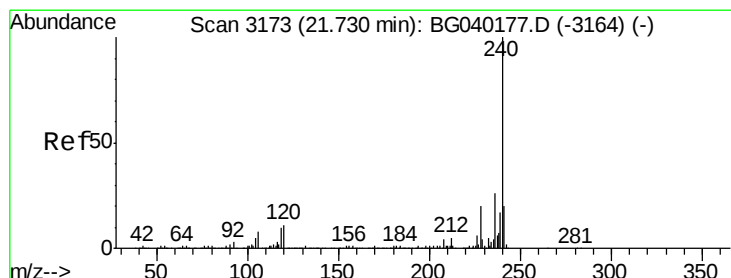
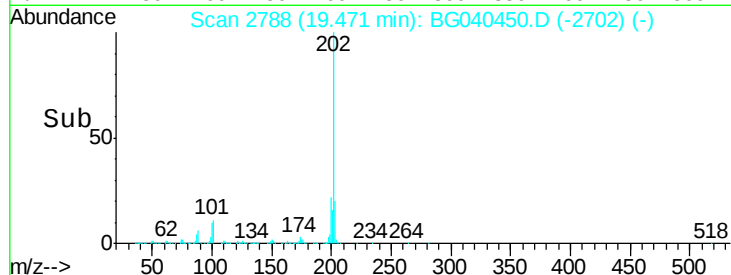
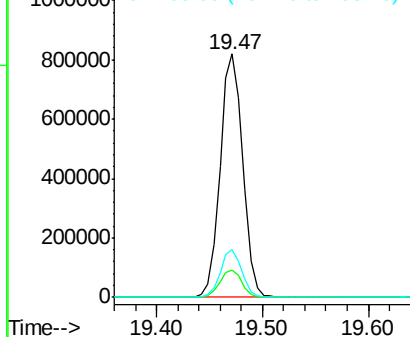
Tgt	Ion	202	Resp:	1214314
Ion	Ratio	Lower	Upper	
202	100			
101	11.5	0.0	30.8	
203	19.6	0.0	38.9	

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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: 21.70 min Scan# 3167

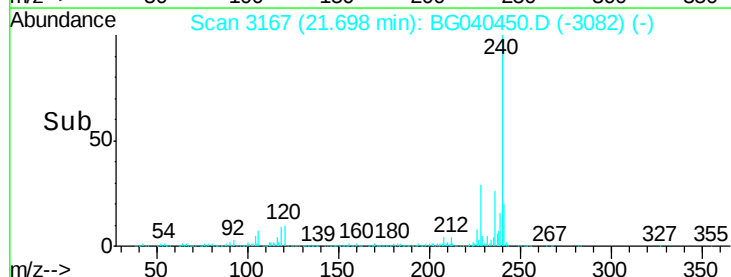
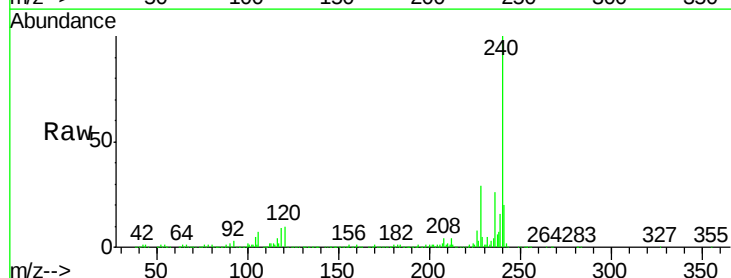
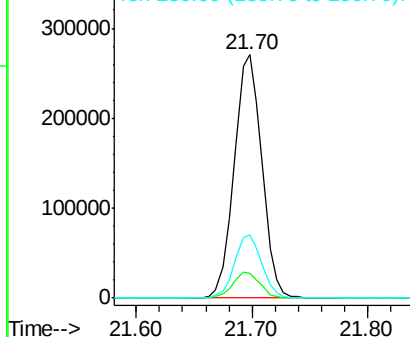
Delta R.T. -0.03 min

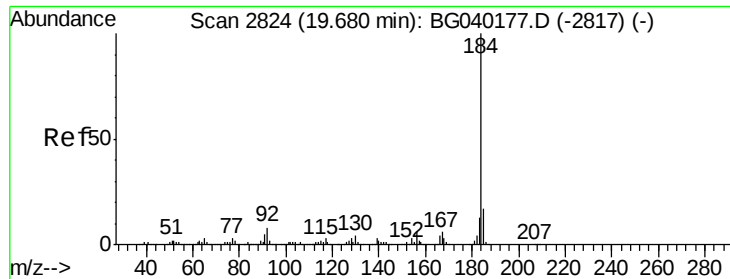
Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt	Ion	240	Resp:	447173
Ion	Ratio	Lower	Upper	
240	100			
120	10.1	8.4	12.6	
236	25.7	20.8	31.2	

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: 25.455 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

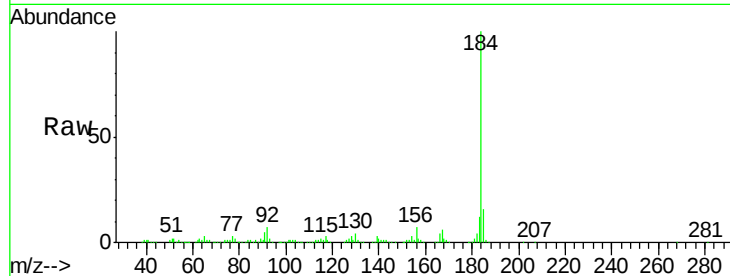
ClientSampleId :

PB118783BS

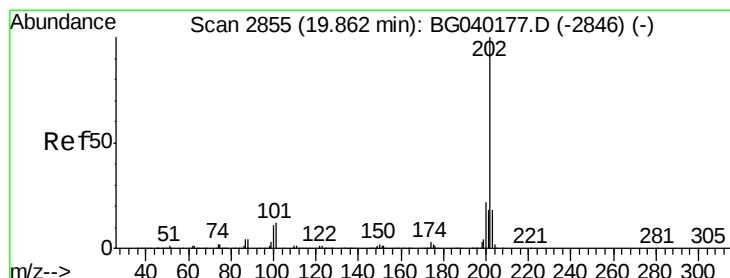
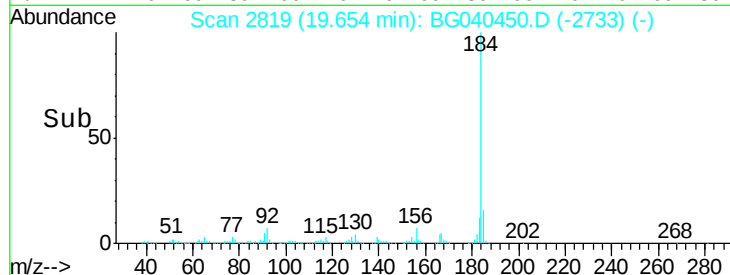
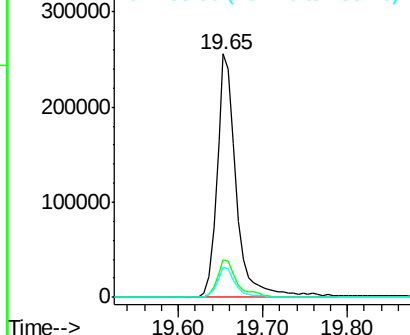
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.3	19.9
183	12.1	10.3	15.5

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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: 40.470 ng

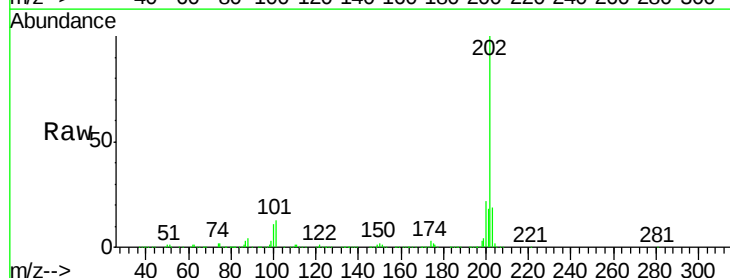
RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

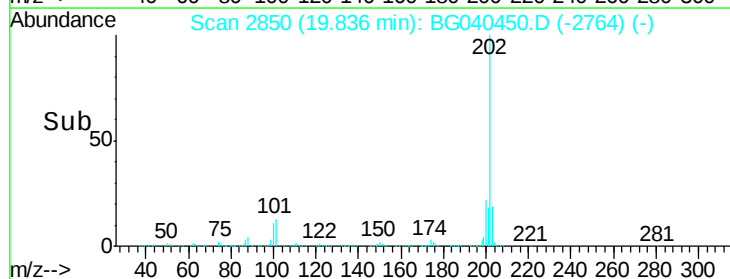
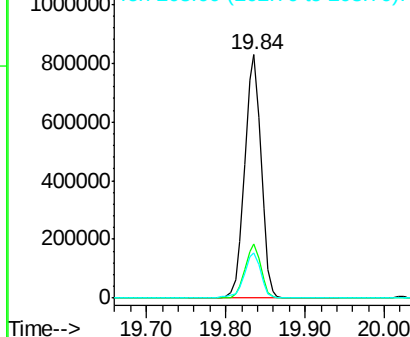
Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.3	25.9
203	18.7	14.6	22.0



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: 73.361 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

ClientSampled :

PB118783BS

Tgt Ion:244 Resp: 1458219

Ion Ratio Lower Upper

244 100

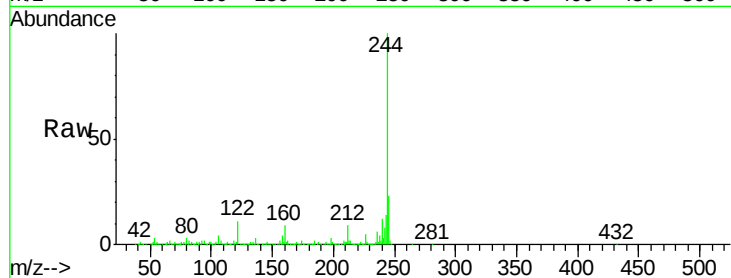
212 8.9 7.0 10.6

122 11.4 8.5 12.7

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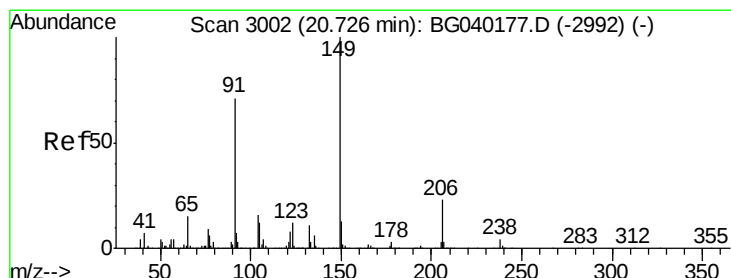
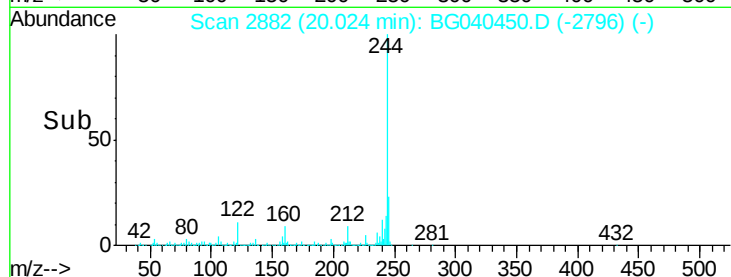
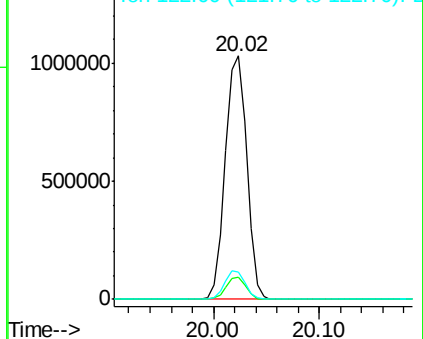
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.394 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

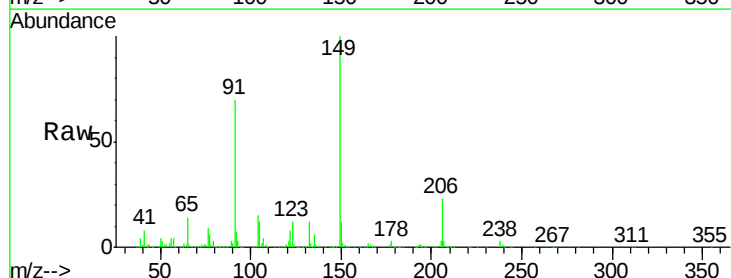
Tgt Ion:149 Resp: 546046

Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

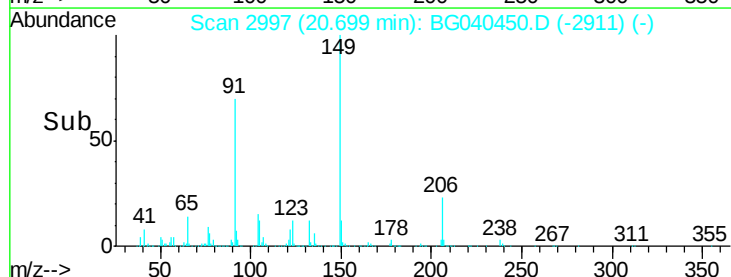
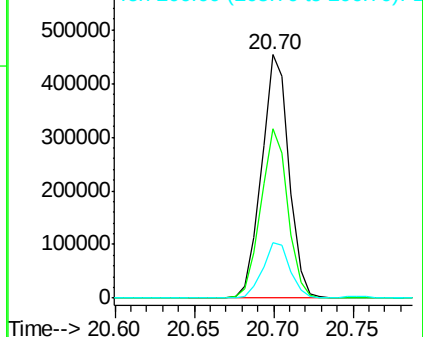
206 22.9 18.2 27.4

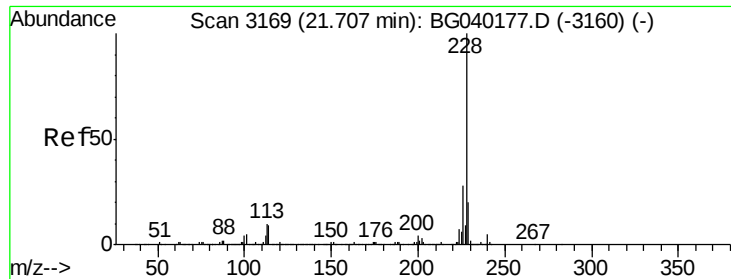


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.823 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

ClientSampleId :

PB118783BS

Tgt Ion: 228 Resp: 1096876

Ion Ratio Lower Upper

228 100

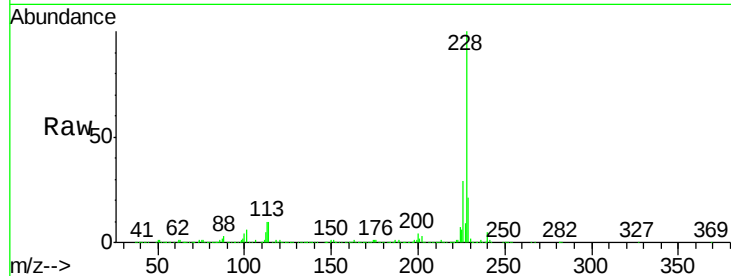
226 29.3 22.6 34.0

229 21.2 16.1 24.1

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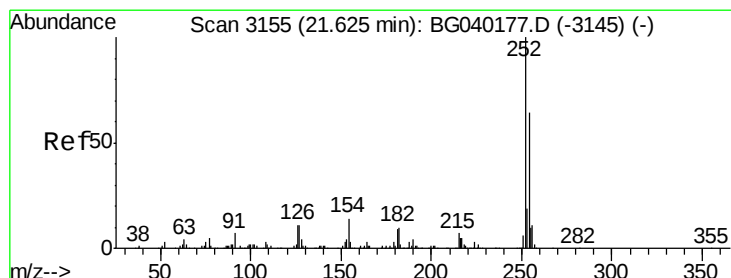
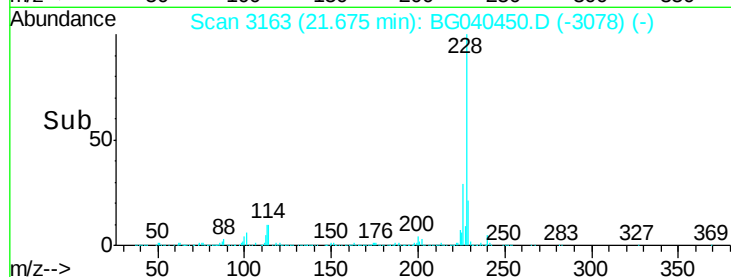
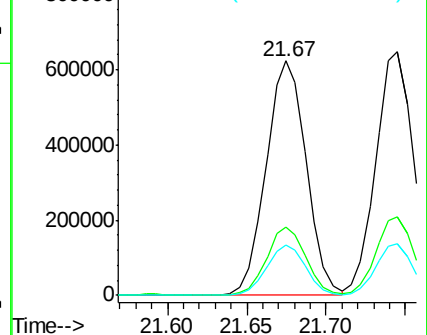
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.355 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

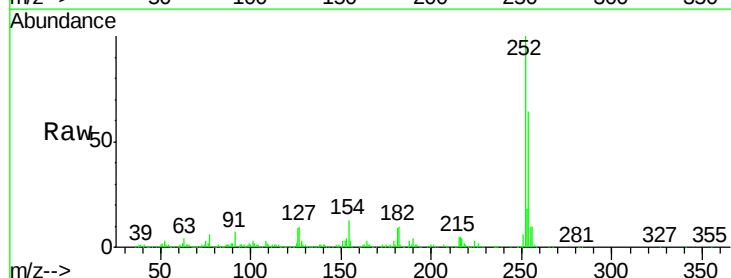
Tgt Ion: 252 Resp: 318045

Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

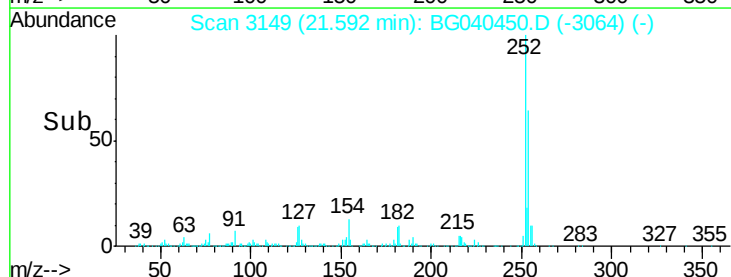
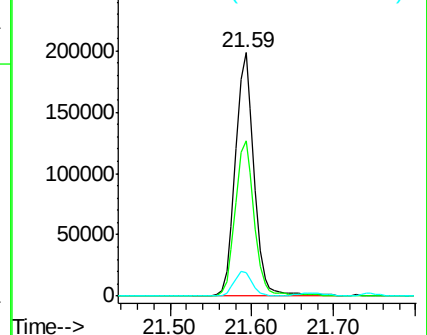
126 9.4 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





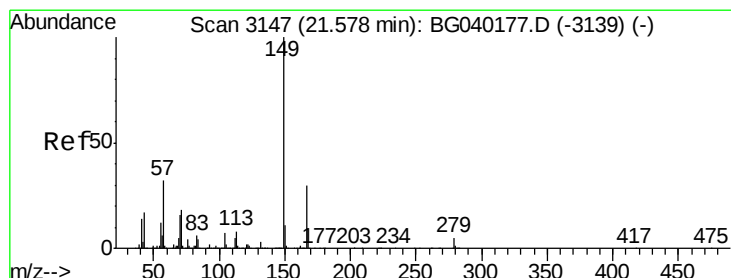
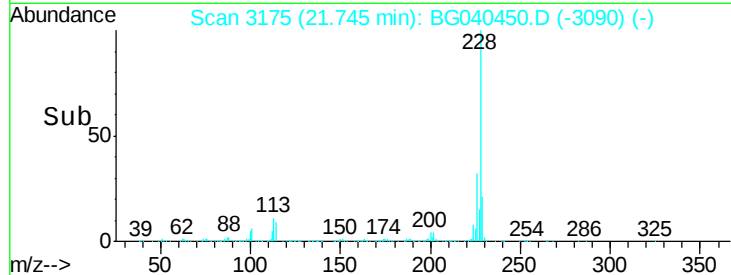
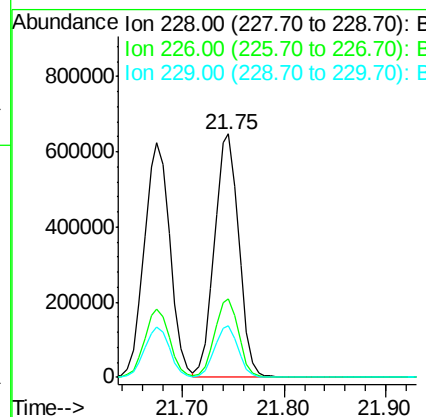
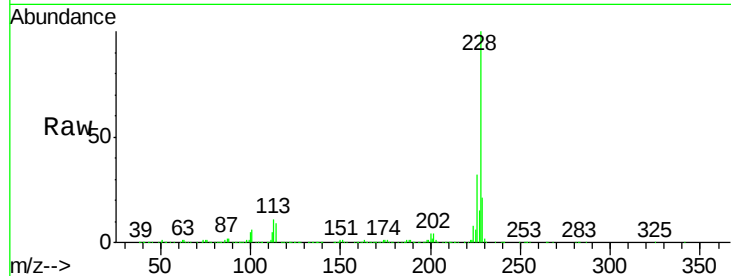
#83
 Chrysene
 Concen: 40.559 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.3	17.0	25.4

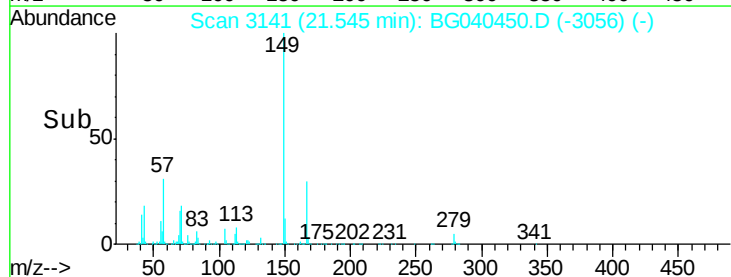
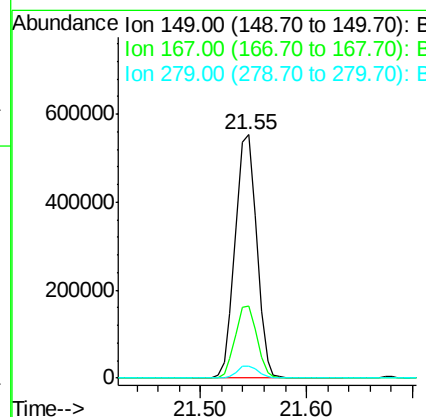
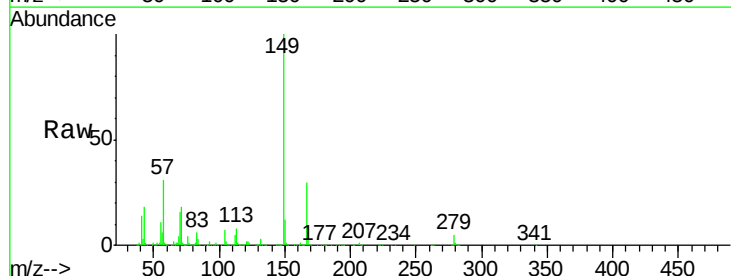
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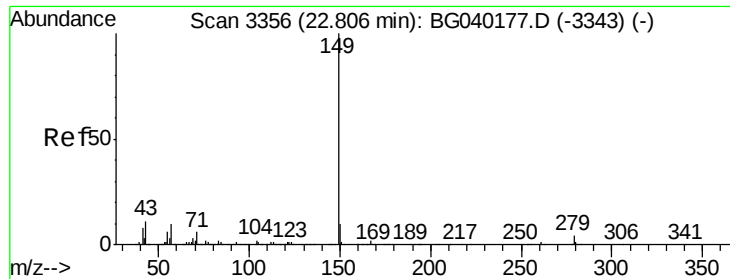
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.150 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040450.D
 Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.1	36.1
279	5.0	4.1	6.1





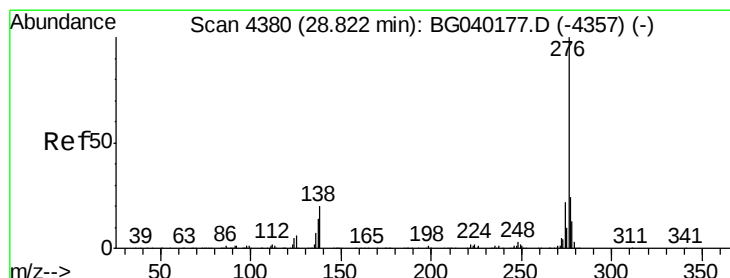
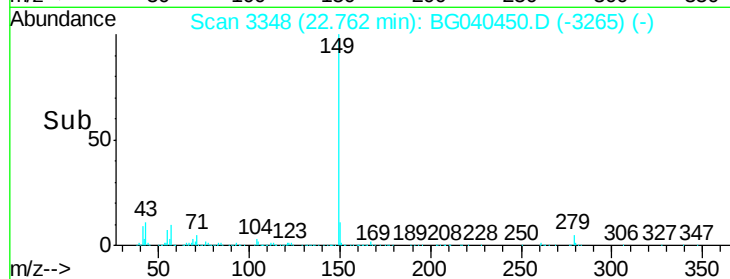
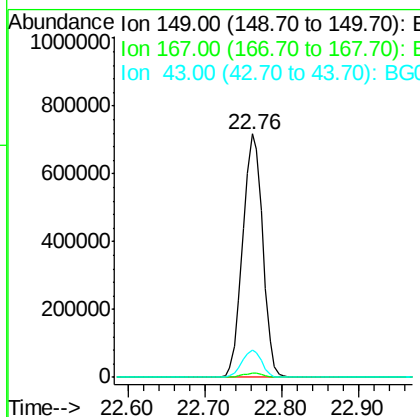
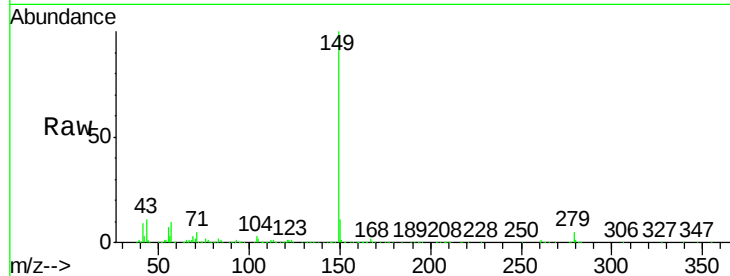
#85
Di-n-octyl phthalate
Concen: 42.712 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.04 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.9	8.7	13.1

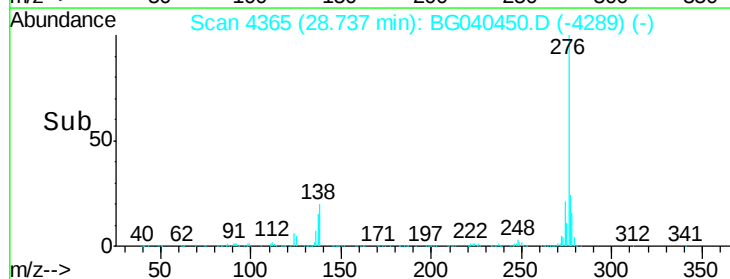
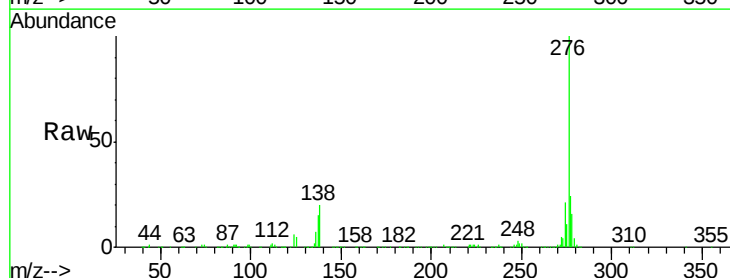
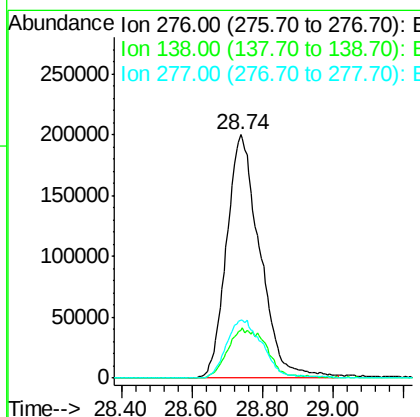
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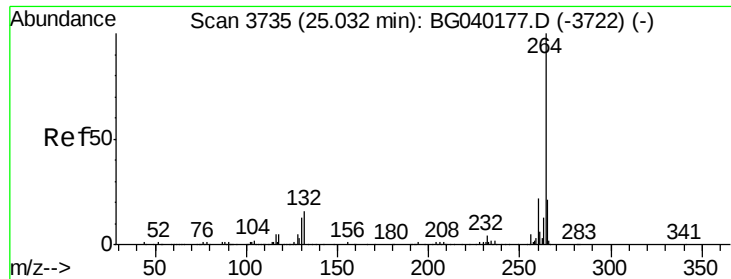
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.687 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.09 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.8	28.2
277	25.5	21.0	31.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Instrument :

BNA_G

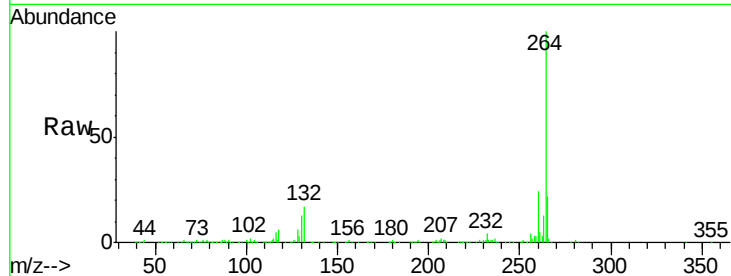
ClientSampleId :

PB118783BS

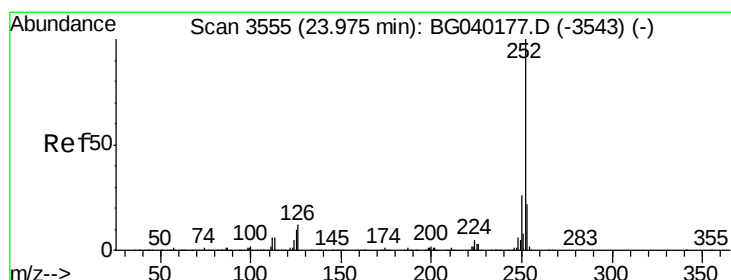
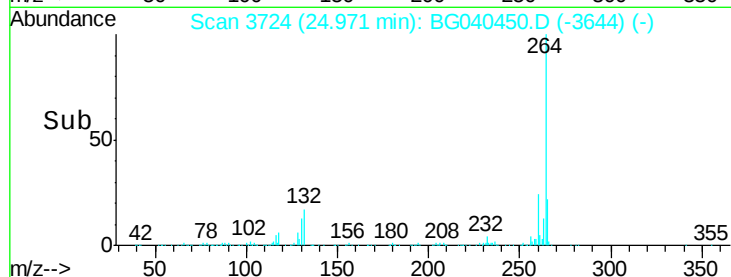
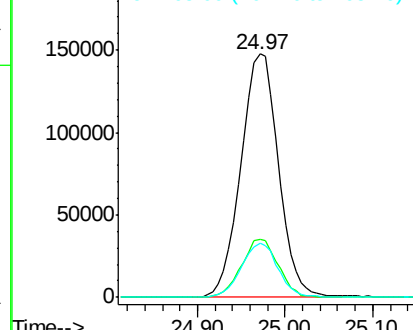
Tgt Ion:	264	Resp:	431551
Ion Ratio		Lower	Upper
264	100		
260	23.7	17.9	26.9
265	22.0	16.8	25.2

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



#88

Benzo(b)fluoranthene

Concen: 43.180 ng

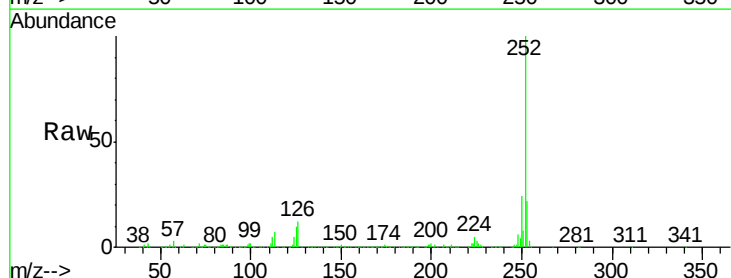
RT: 23.93 min Scan# 3546

Delta R.T. -0.05 min

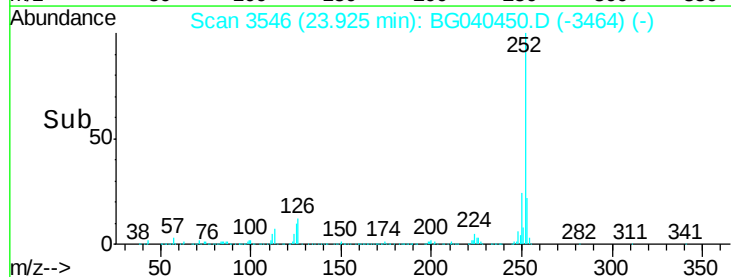
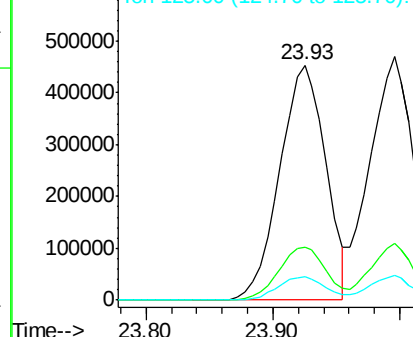
Lab File: BG040450.D

Acq: 11 Apr 2019 20:49

Tgt Ion:	252	Resp:	1140869
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.1	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





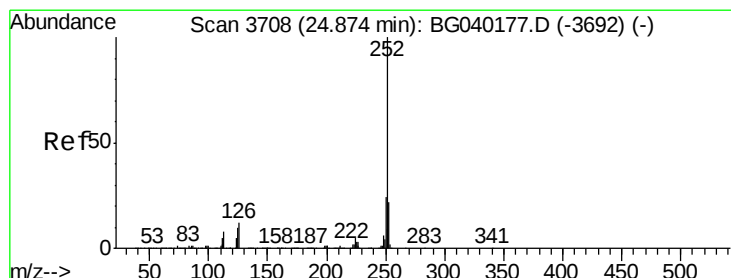
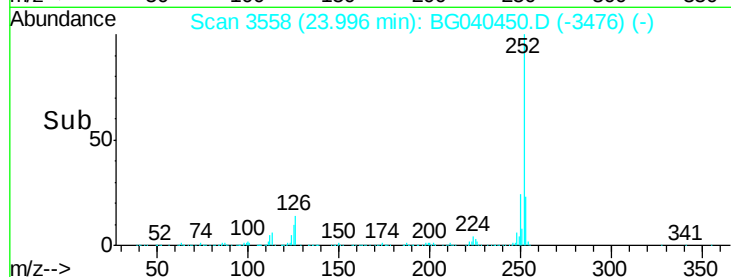
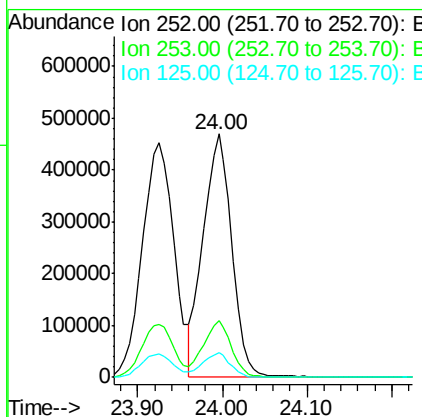
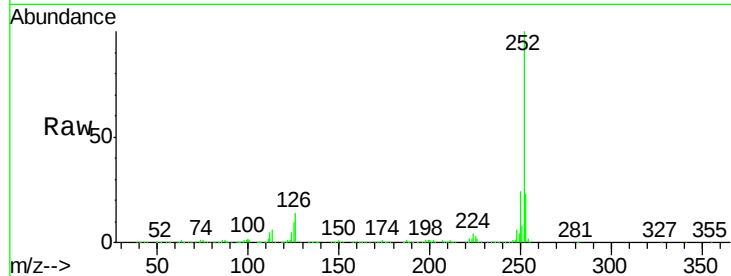
#89
Benzo(k)fluoranthene
Concen: 45.637 ng
RT: 24.00 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion:252 Resp: 1108856
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 10.2 7.3 10.9

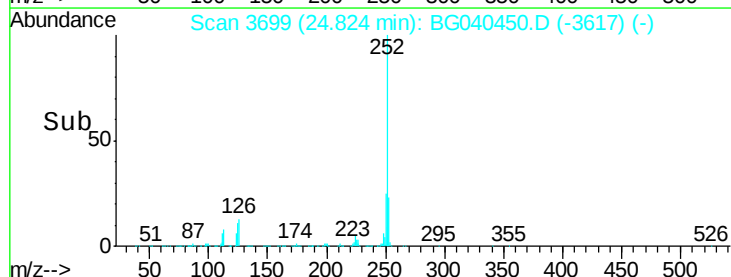
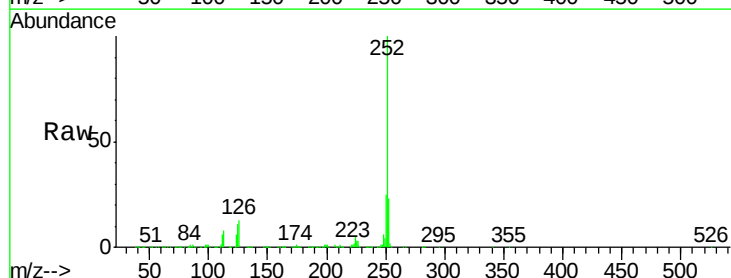
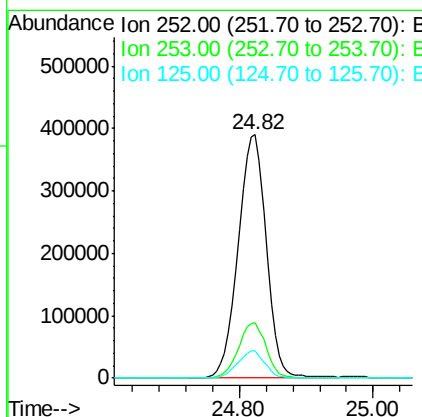
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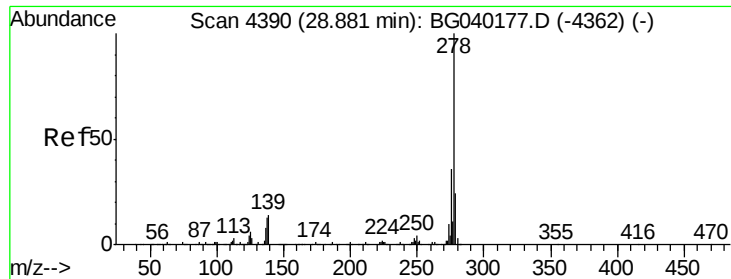
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#90
Benzo(a)pyrene
Concen: 45.750 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion:252 Resp: 1134149
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.2 8.3 12.5





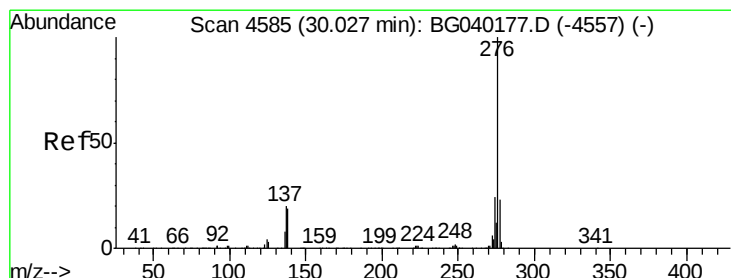
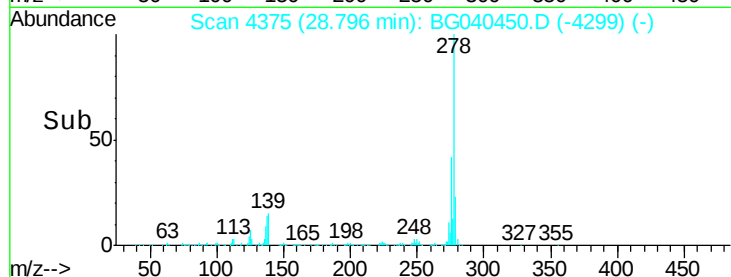
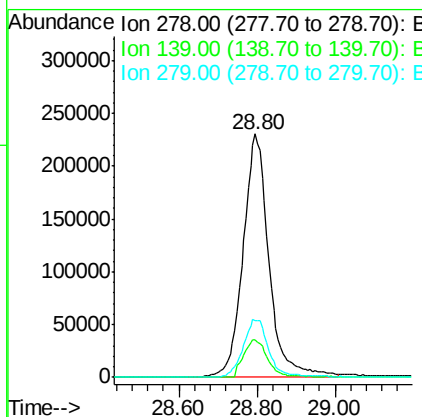
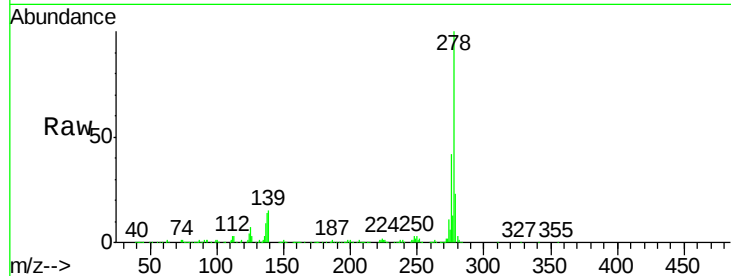
#91
Dibenzo(a,h)anthracene
Concen: 46.319 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Instrument :
BNA_G
ClientSampleId :
PB118783BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	23.2	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 45.135 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.10 min
Lab File: BG040450.D
Acq: 11 Apr 2019 20:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	20.6	15.2	22.8

