

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
 Data File : BG040409.D
 Acq On : 9 Apr 2019 21:47
 Operator : JU/SJ
 Sample : PB118723BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Manual Integrations
 APPROVED

Sohil
 4/10/2019 11:23:02 AM

Quant Time: Apr 10 04:34:53 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	8.05	152	68671	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	292200	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	186085	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	488750	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	500319	20.00	ng	-0.03
87) Perylene-d12	24.98	264	489395	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	582842	141.10	ng	-0.02
7) Phenol-d6	7.21	99	772941	135.39	ng	-0.02
23) Nitrobenzene-d5	9.22	82	477497	86.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	301007	149.67	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1068513	85.08	ng	-0.02
79) Terphenyl-d14	20.03	244	1806067	81.21	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	64155	33.029	ng	99
3) Pyridine	3.89	79	152314	29.125	ng	98
4) n-Nitrosodimethylamine	3.82	42	88528	36.595	ng	# 86
6) Aniline	7.38	93	226892	30.591	ng	98
8) 2-Chlorophenol	7.61	128	200144	41.390	ng	97
9) Benzaldehyde	7.19	77	94861	24.224	ng	100
10) Phenol	7.23	94	259049	41.806	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	199370	40.171	ng	97
12) 1,3-Dichlorobenzene	7.93	146	201653	38.363	ng	95
13) 1,4-Dichlorobenzene	8.08	146	206062	39.360	ng	99
14) 1,2-Dichlorobenzene	8.40	146	195375	39.024	ng	99
15) Benzyl Alcohol	8.29	79	179294	38.997	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	376576	39.536	ng	98
17) 2-Methylphenol	8.49	107	181501	42.330	ng	98
18) Hexachloroethane	9.12	117	74156	37.238	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	154393	37.720	ng	99
20) 3+4-Methylphenols	8.82	107	244082	42.020	ng	95
22) Acetophenone	8.88	105	301715	41.394	ng	98
24) Nitrobenzene	9.27	77	231285	40.629	ng	97
25) Isophorone	9.78	82	446325	39.459	ng	98
26) 2-Nitrophenol	9.97	139	108476	40.215	ng	94
27) 2,4-Dimethylphenol	10.02	122	205295	47.915	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	272689	40.749	ng	99
29) 2,4-Dichlorophenol	10.51	162	202343	43.508	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	208268	40.784	ng	96
31) Naphthalene	10.91	128	623596	41.636	ng	99
32) Benzoic acid	10.17	122	64735	25.006	ng	95
33) 4-Chloroaniline	11.03	127	163097	25.529	ng	98
34) Hexachlorobutadiene	11.17	225	125216	38.340	ng	95
35) Caprolactam	11.82	113	76222m	41.300	ng	
36) 4-Chloro-3-methylphenol	12.14	107	229019	42.835	ng	96
37) 2-Methylnaphthalene	12.51	142	461357	41.650	ng	99
38) 1-Methylnaphthalene	12.73	142	437038	40.687	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	235759	39.862	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	269263	82.915	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	164790	43.215	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	181456	43.658	ng	96
46) 1,1'-Biphenyl	13.51	154	592776	40.316	ng	98
47) 2-Chloronaphthalene	13.56	162	458589	40.661	ng	98
48) 2-Nitroaniline	13.78	65	161359	42.416	ng	94
49) Acenaphthylene	14.40	152	760513	39.771	ng	99
50) Dimethylphthalate	14.13	163	613888	42.152	ng	100
51) 2,6-Dinitrotoluene	14.26	165	140744	43.040	ng	95
52) Acenaphthene	14.74	154	445510	40.659	ng	99
53) 3-Nitroaniline	14.60	138	109959	31.766	ng	96
54) 2,4-Dinitrophenol	14.80	184	100486	57.780	ng	94
55) Dibenzofuran	15.08	168	738452	41.942	ng	99
56) 4-Nitrophenol	14.90	139	237248	84.922	ng	97
57) 2,4-Dinitrotoluene	15.05	165	208005	45.778	ng	98
58) Fluorene	15.73	166	584543	42.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180400	47.831	ng	99
60) Diethylphthalate	15.49	149	663633	44.530	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	312829	42.278	ng	97
62) 4-Nitroaniline	15.76	138	162665	43.789	ng	95
63) Azobenzene	16.00	77	600603	42.725	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	106791	38.891	ng	97
66) n-Nitrosodiphenylamine	15.93	169	565770	39.558	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	213450	38.808	ng	99
68) Hexachlorobenzene	16.72	284	220683	39.906	ng	95
69) Atrazine	16.87	200	215783	40.558	ng	99
70) Pentachlorophenol	17.07	266	228118	71.349	ng	96
71) Phenanthrene	17.47	178	1041317	40.535	ng	99
72) Anthracene	17.56	178	1060615	41.248	ng	99
73) Carbazole	17.84	167	1022456	42.016	ng	98
74) Di-n-butylphthalate	18.36	149	1233648	42.768	ng	98
75) Fluoranthene	19.47	202	1303959	42.866	ng	99
77) Benzidine	19.66	184	454989	25.183	ng	98
78) Pyrene	19.84	202	1281487	38.949	ng	98
80) Butylbenzylphthalate	20.70	149	579258	41.143	ng	98
81) Benzo(a)anthracene	21.68	228	1188140	38.555	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	327493	27.936	ng	99
83) Chrysene	21.75	228	1176150	39.712	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	838991	41.688	ng	98
85) Di-n-octyl phthalate	22.76	149	1423268	41.508	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1469775	40.575	ng	100
88) Benzo(b)fluoranthene	23.93	252	1282245	42.795	ng	96
89) Benzo(k)fluoranthene	24.00	252	1231869	44.707	ng	98
90) Benzo(a)pyrene	24.83	252	1263367	44.939	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1205914	46.186	ng	98
92) Benzo(g,h,i)perylene	29.94	276	1210310	45.105	ng	99

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



#1

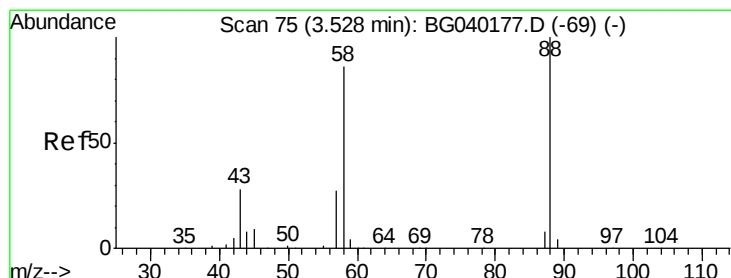
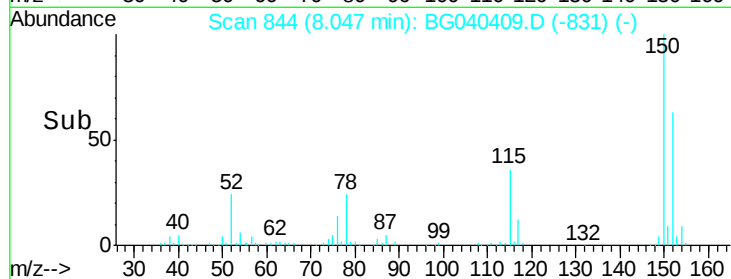
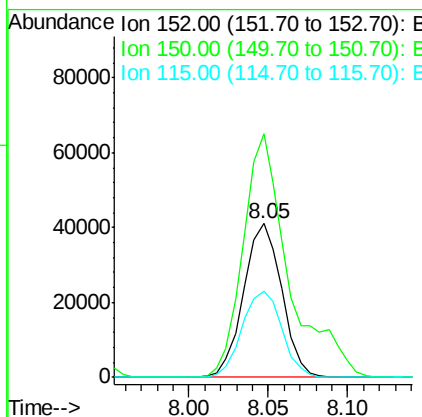
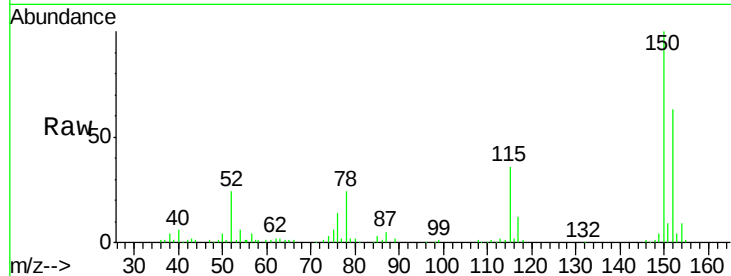
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.7	185.5
115	56.5	46.9	70.3

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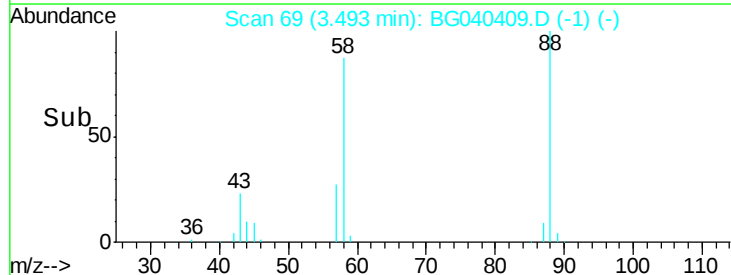
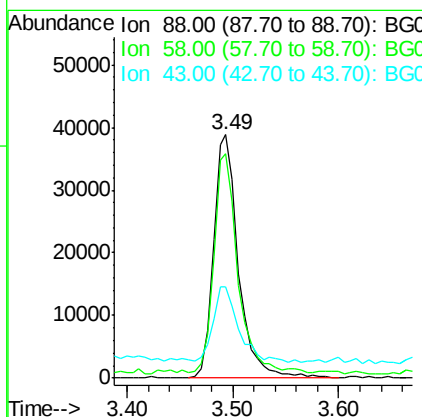
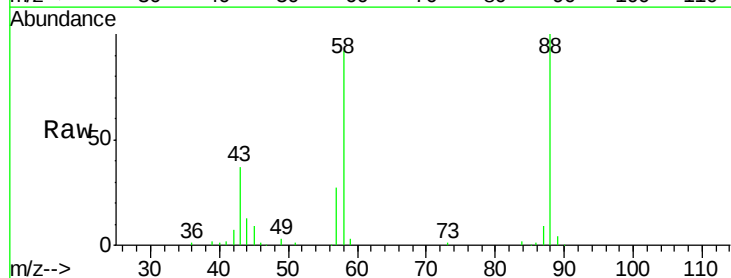
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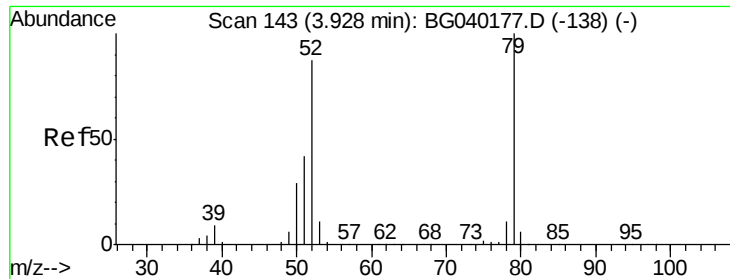


#2

1,4-Dioxane
Concen: 33.029 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	70.6	106.0
43	31.8	24.8	37.2





#3

Pyridine

Concen: 29.125 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

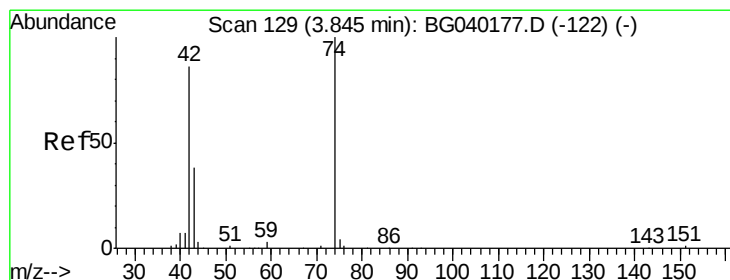
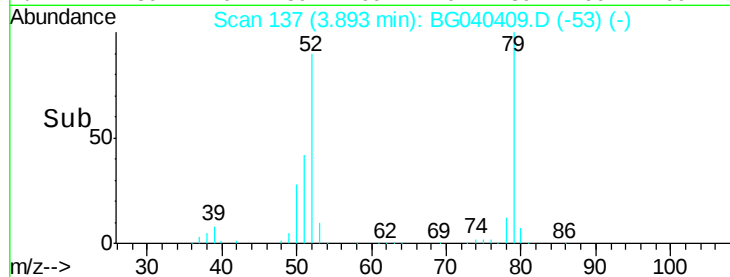
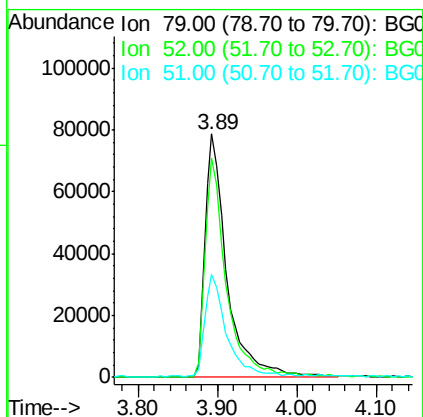
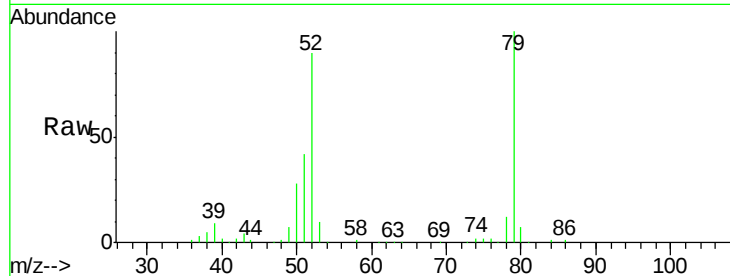
ClientSampled :

PB118723BS

Tgt Ion:	79	Resp:	152314
Ion	Ratio	Lower	Upper
79	100		
52	89.8	69.8	104.8
51	42.5	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.595 ng

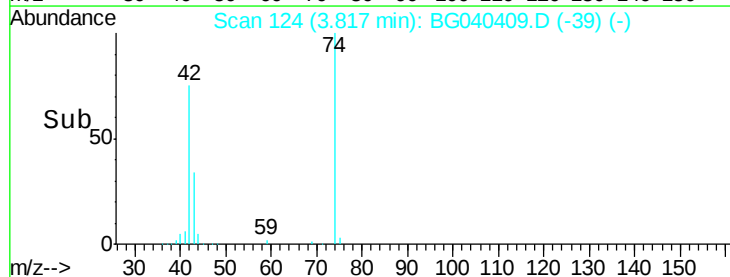
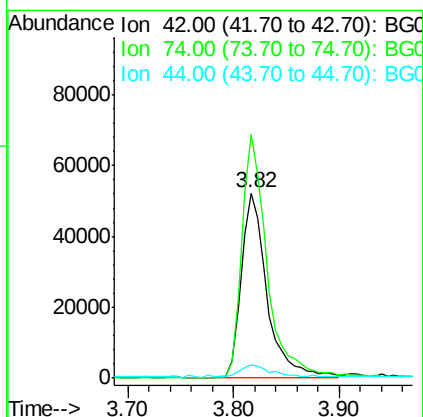
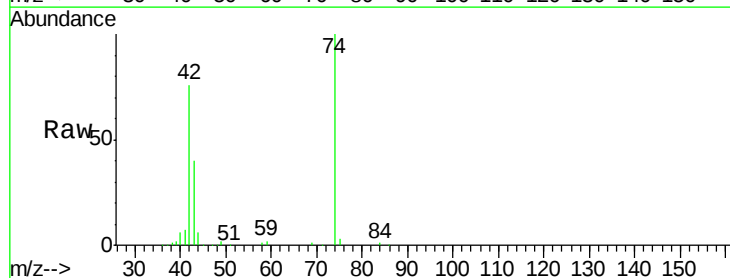
RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	42	Resp:	88528
Ion	Ratio	Lower	Upper
42	100		
74	131.8	92.9	139.3
44	7.4	9.7	14.5#





#5

2-Fluorophenol

Concen: 141.096 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

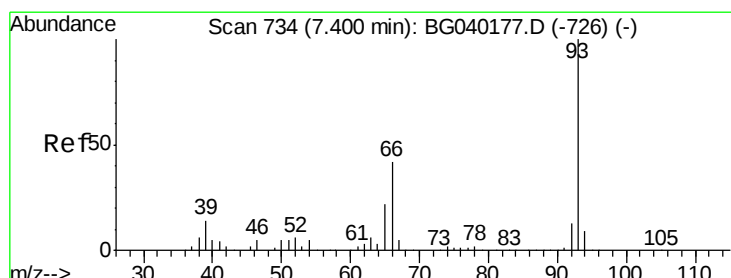
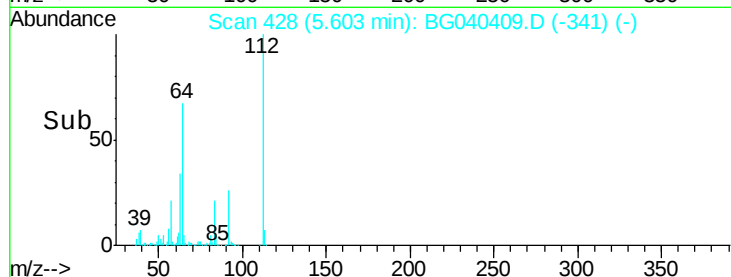
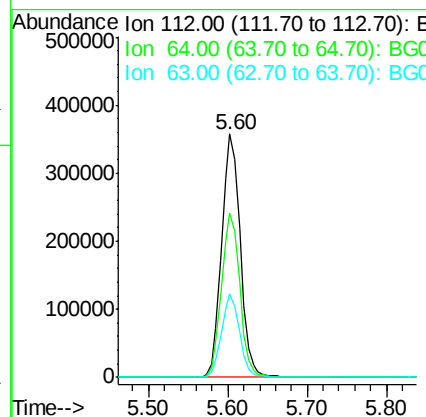
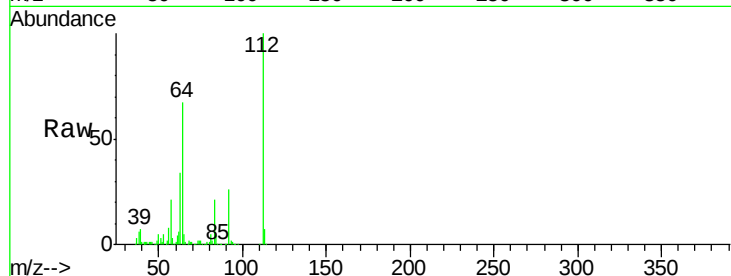
ClientSampleId :

PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	582842		
64	67.3	54.2	81.2	
63	34.1	26.4	39.6	

Manual Integrations
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#6

Aniline

Concen: 30.591 ng

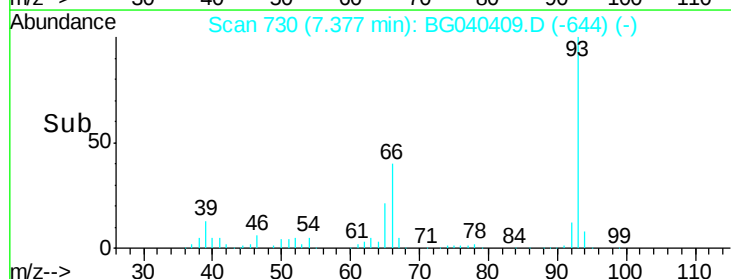
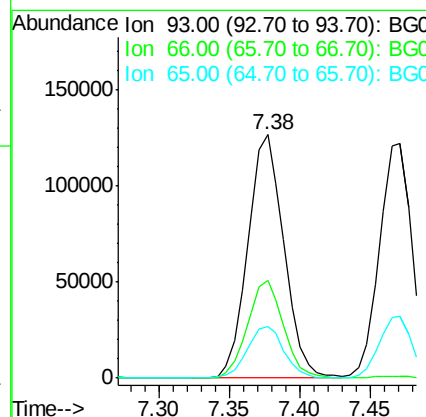
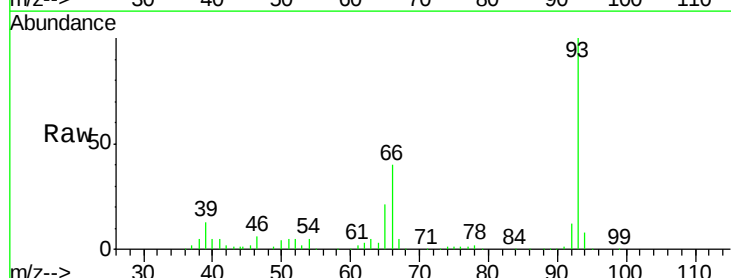
RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	226892		
66	40.2	33.6	50.4	
65	21.2	17.4	26.2	





#7

Phenol-d6

Concen: 135.394 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

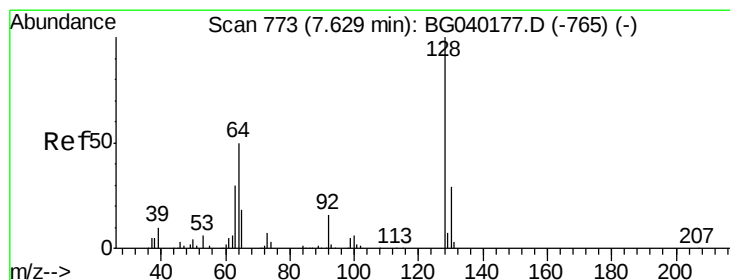
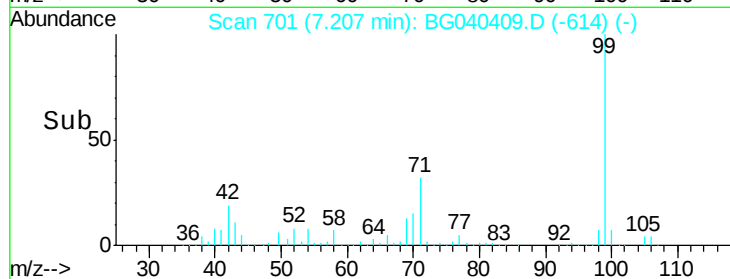
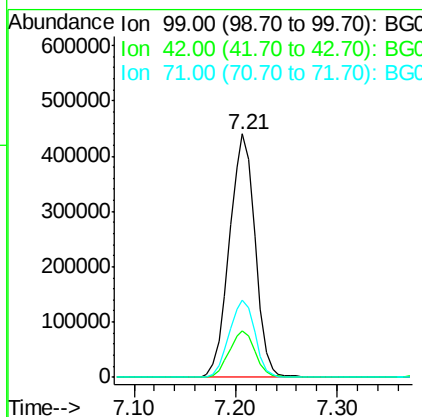
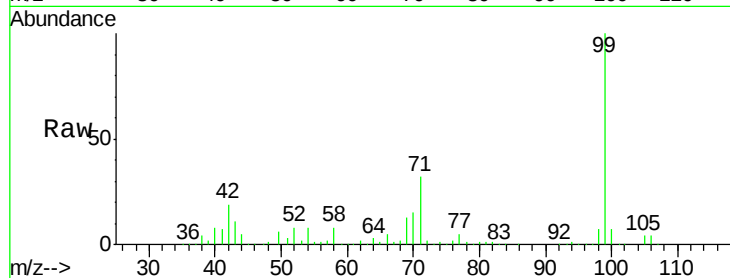
ClientSampleId :

PB118723BS

Tgt Ion:	99	Resp:	772941
Ion Ratio	Lower	Upper	
99	100		
42	19.3	16.2	24.2
71	31.7	26.8	40.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.390 ng

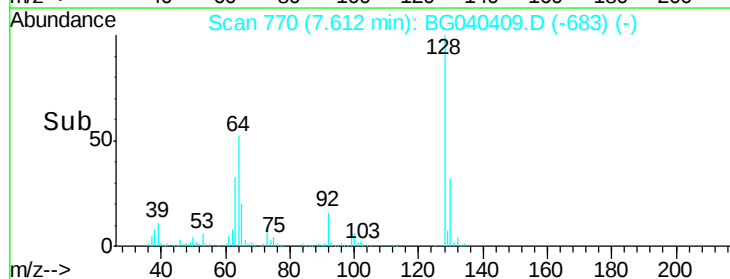
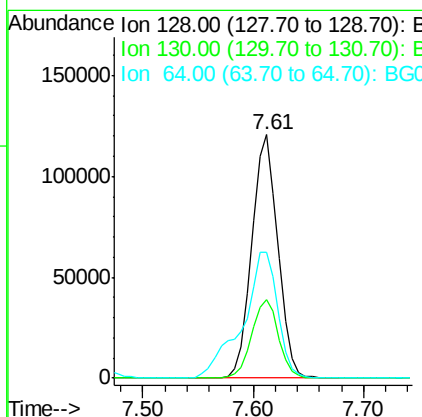
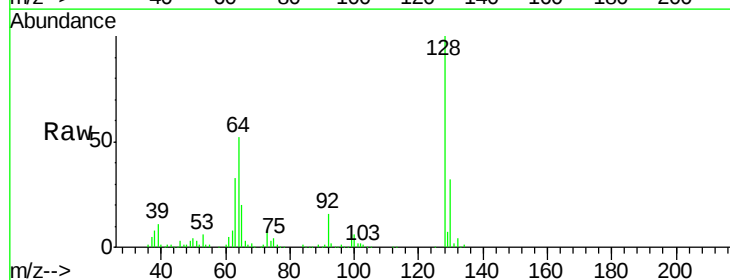
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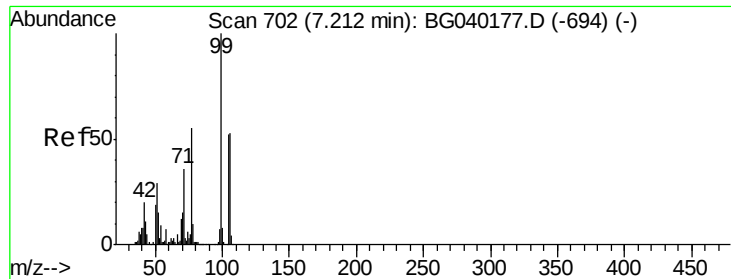
Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	128	Resp:	200144
Ion Ratio	Lower	Upper	
128	100		
130	32.3	9.1	49.1
64	51.7	33.1	73.1





#9

Benzaldehyde

Concen: 24.224 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040409.D

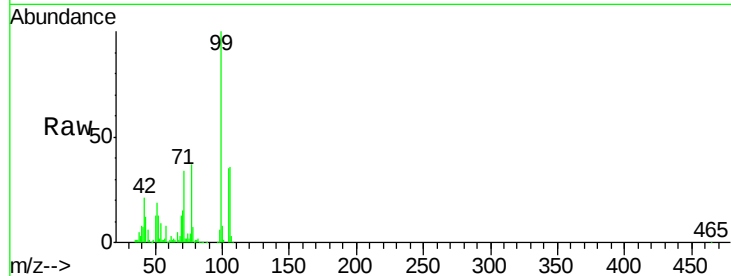
Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

ClientSampleId :

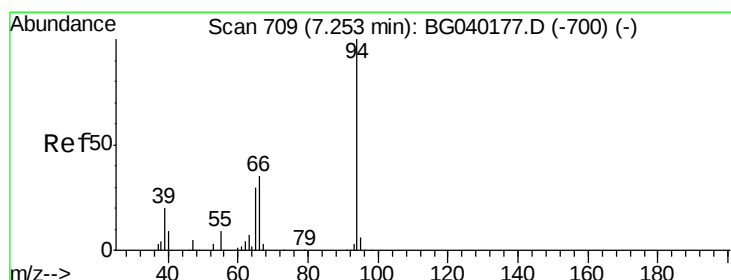
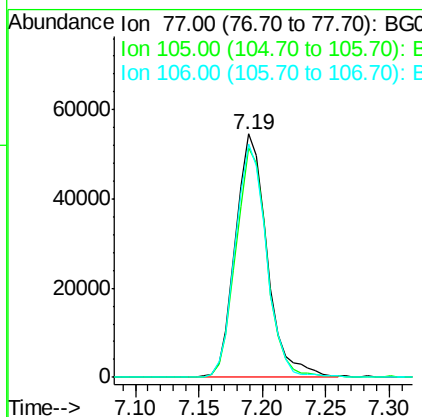
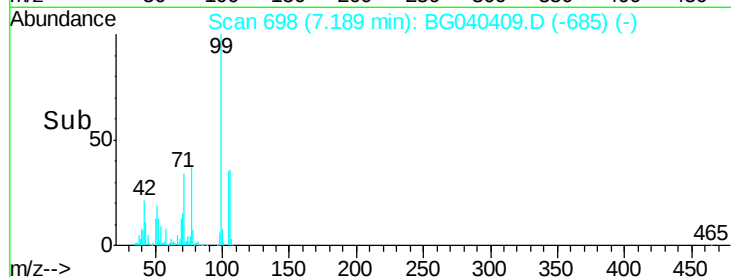
PB118723BS



Tgt Ion:	77	Resp:	94861
Ion Ratio	Lower	Upper	
77	100		
105	94.3	75.0	115.0
106	95.8	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 41.806 ng

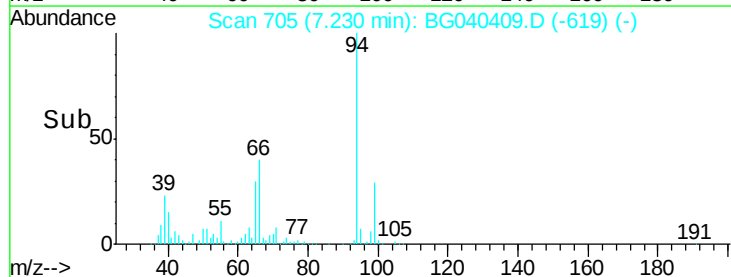
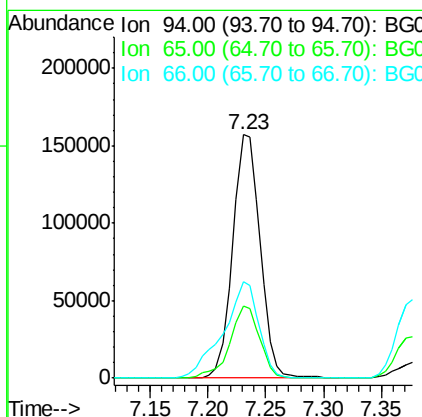
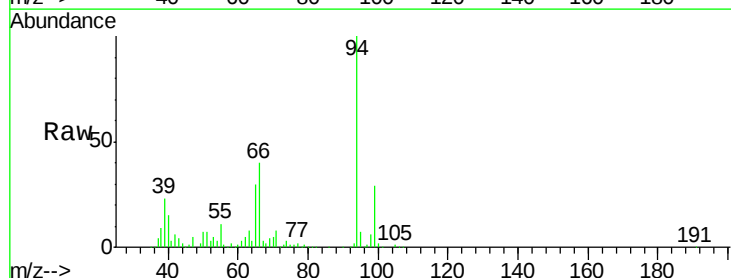
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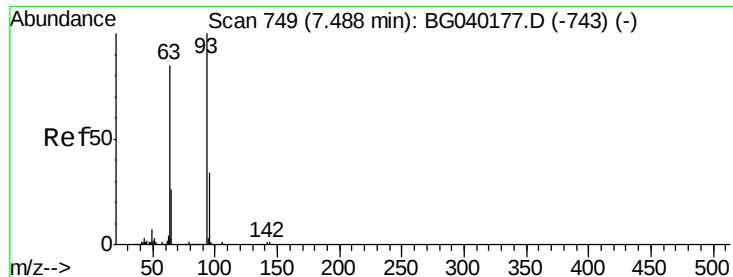
Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	94	Resp:	259049
Ion Ratio	Lower	Upper	
94	100		
65	29.6	10.5	50.5
66	39.7	16.9	56.9





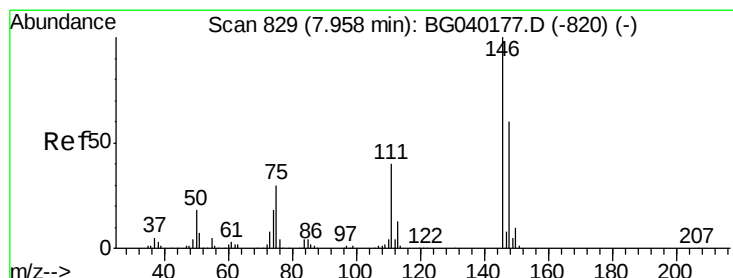
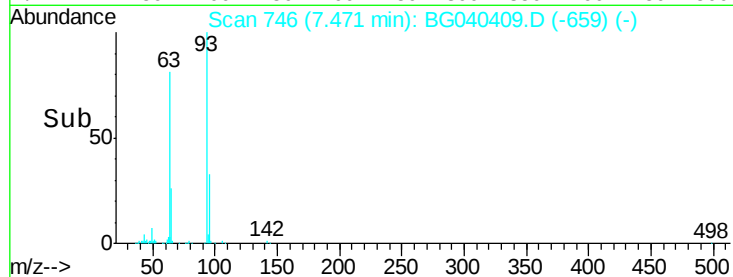
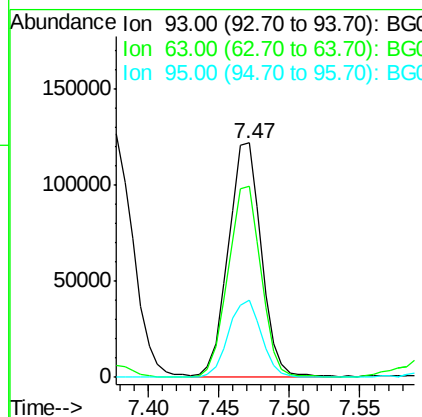
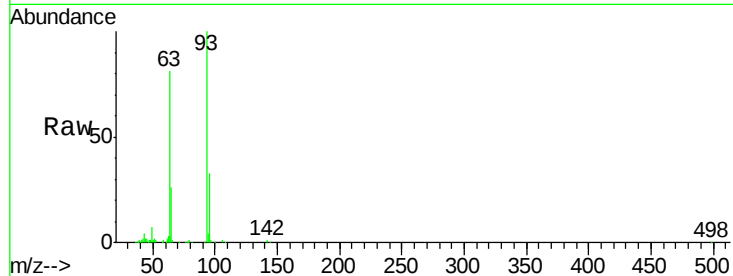
#11
bis(2-Chloroethyl)ether
Concen: 40.171 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	199370		
63	81.4	64.2	104.2	
95	32.8	14.0	54.0	

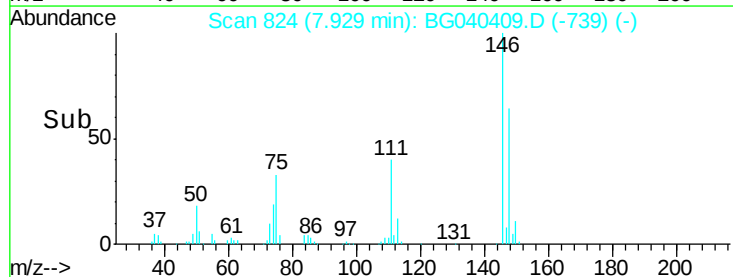
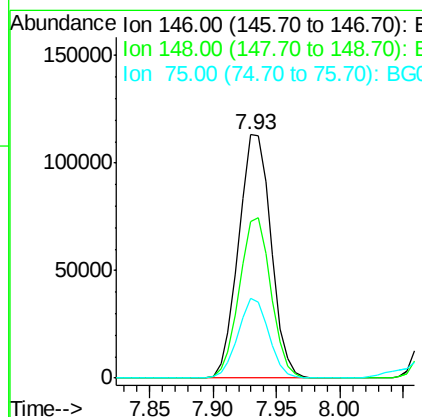
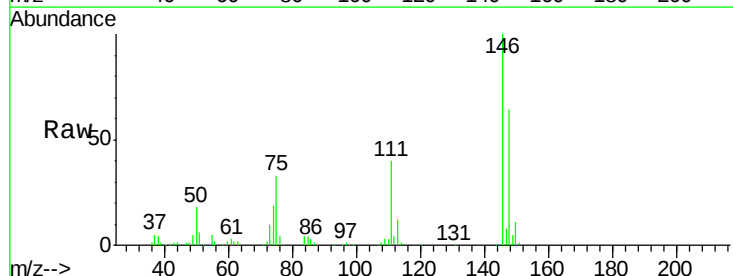
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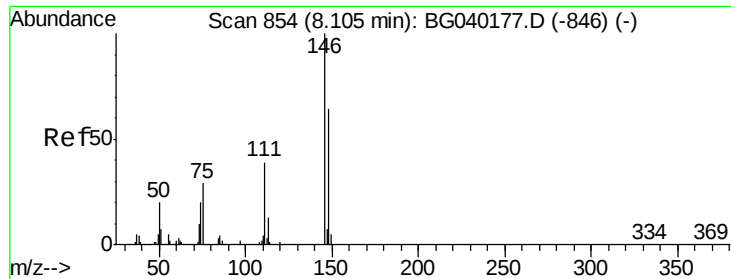
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#12
1,3-Dichlorobenzene
Concen: 38.363 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201653		
148	64.2	48.2	72.2	
75	32.6	24.1	36.1	





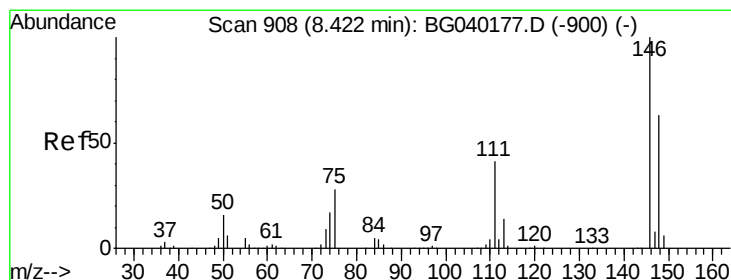
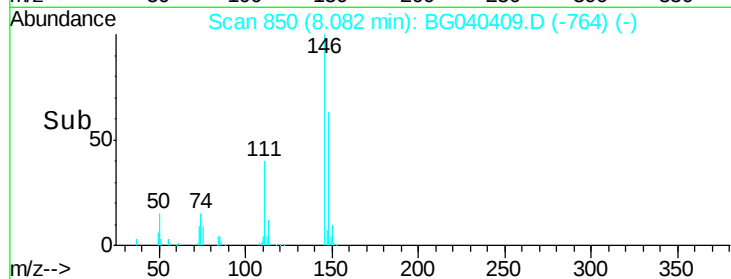
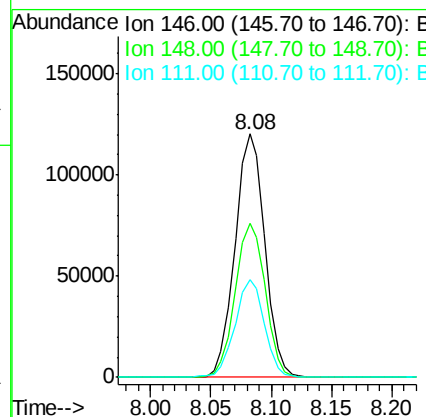
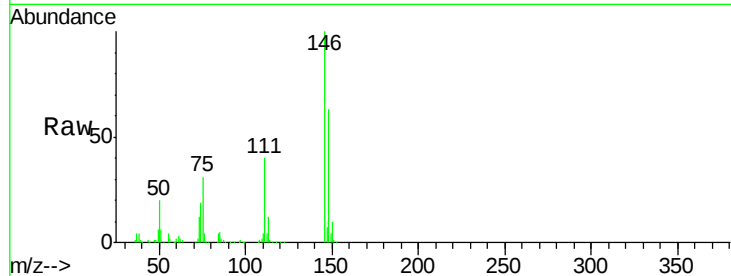
#13
 1,4-Dichlorobenzene
 Concen: 39.360 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
111	40.1	31.8	47.6

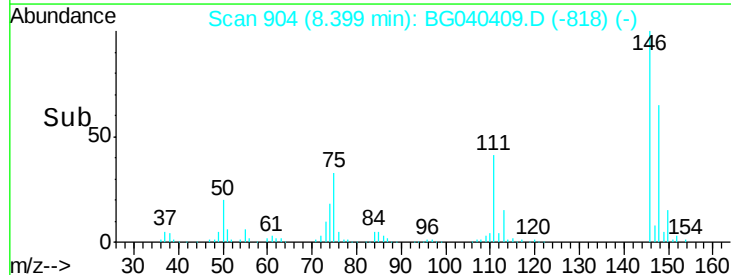
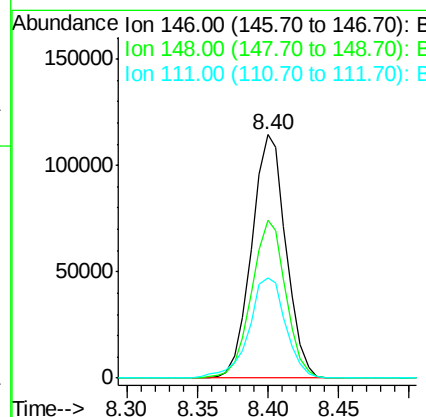
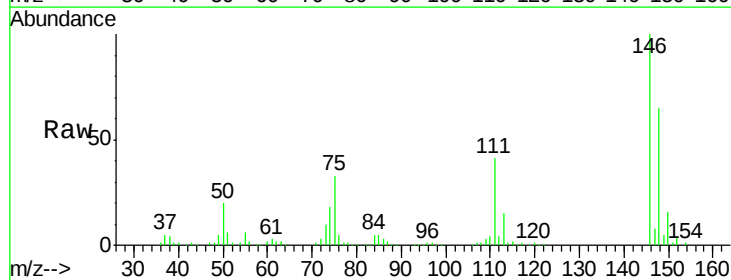
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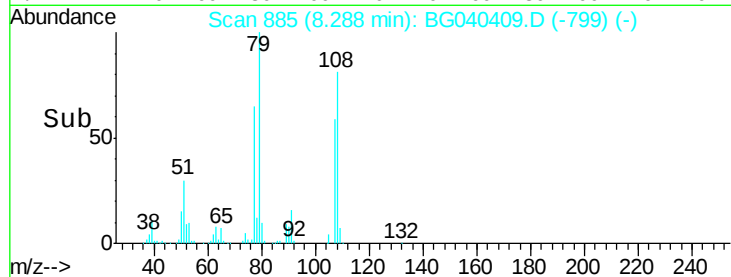
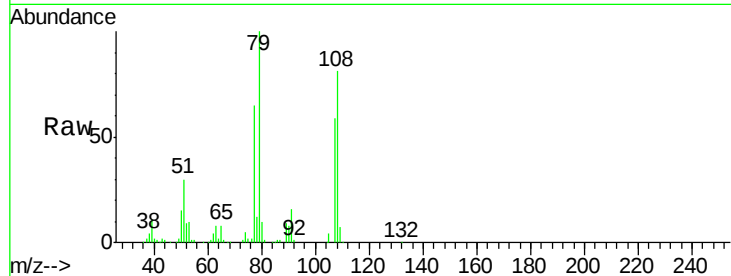
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#14
 1,2-Dichlorobenzene
 Concen: 39.024 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	41.4	33.4	50.0





#15

Benzyl Alcohol

Concen: 38.997 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	79	Resp:	179294
Ion Ratio	Lower	Upper	
79	100		
108	81.2	62.1	93.1
77	65.4	51.9	77.9

Instrument :

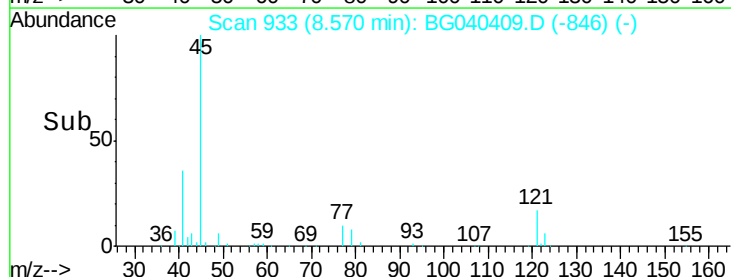
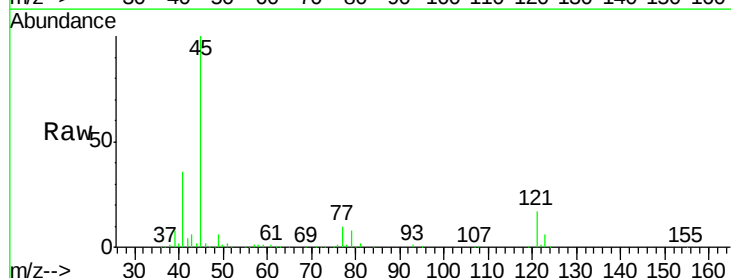
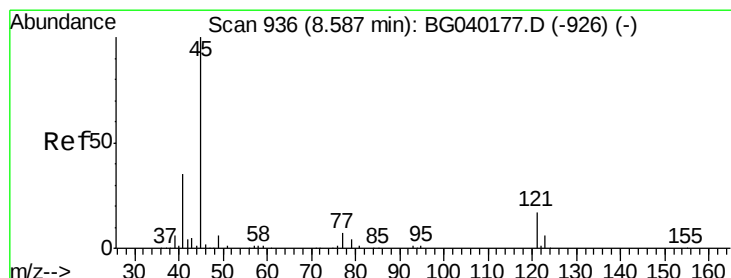
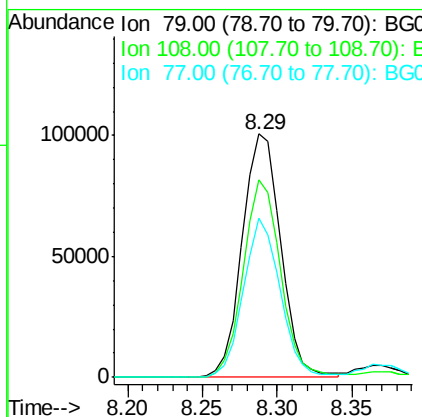
BNA_G

ClientSampled :

PB118723BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.536 ng

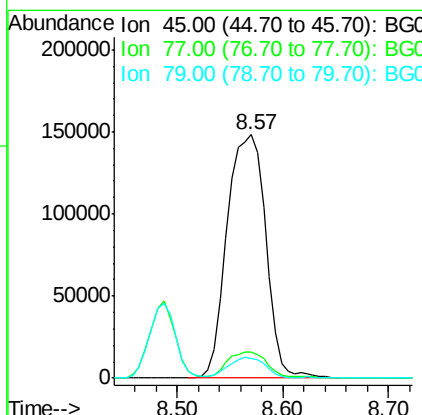
RT: 8.57 min Scan# 933

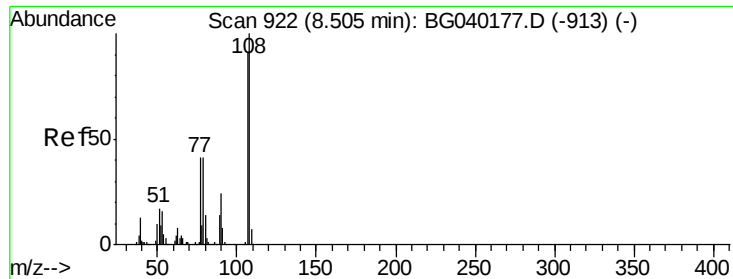
Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	45	Resp:	376576
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	31.4
79	8.2	0.0	28.3





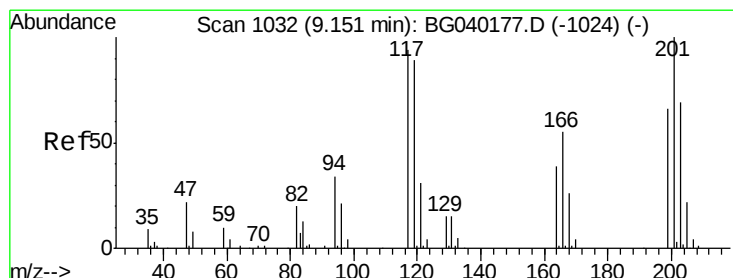
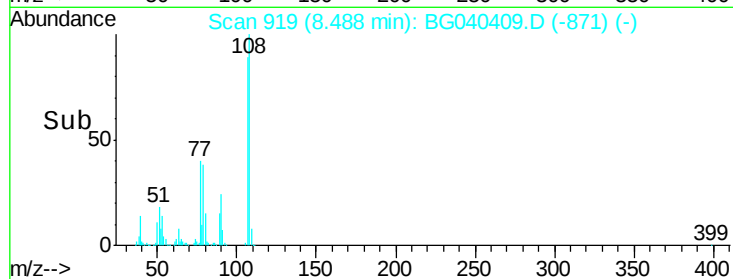
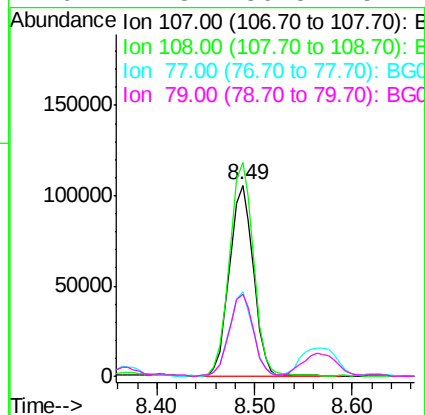
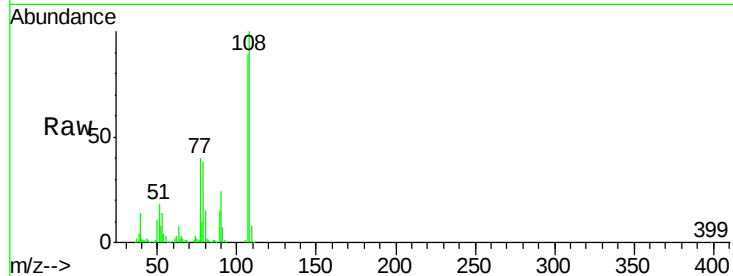
#17
2-Methylphenol
Concen: 42.330 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion:	107	Resp:	181501
Ion Ratio	Lower	Upper	
107	100		
108	111.9	88.2	132.4
77	44.6	36.6	55.0
79	42.8	36.5	54.7

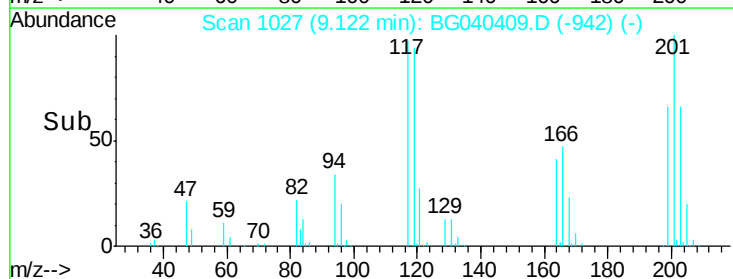
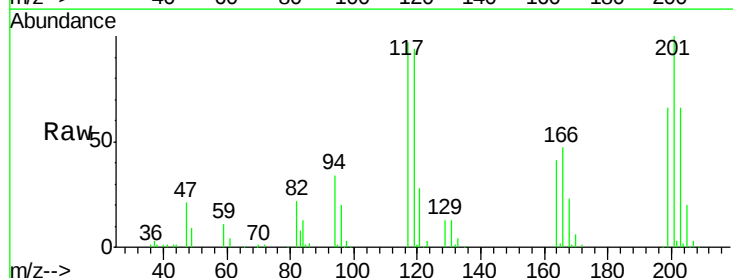
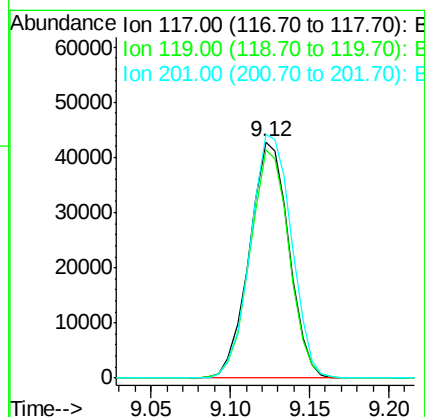
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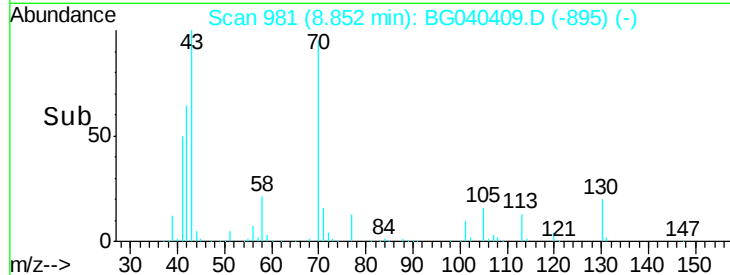
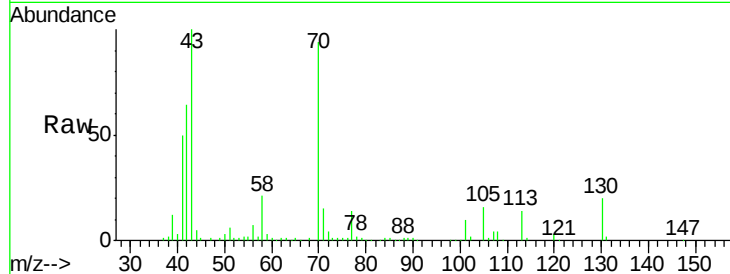
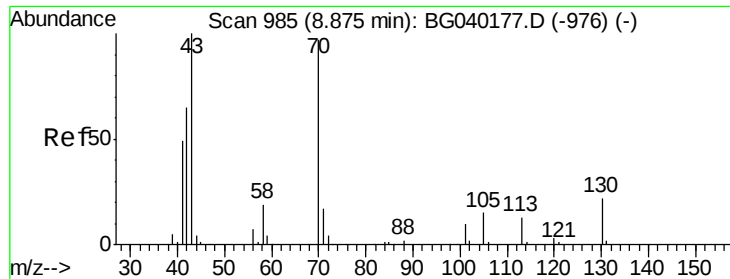
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#18
Hexachloroethane
Concen: 37.238 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion:	117	Resp:	74156
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.6	115.0
201	103.0	85.0	127.4





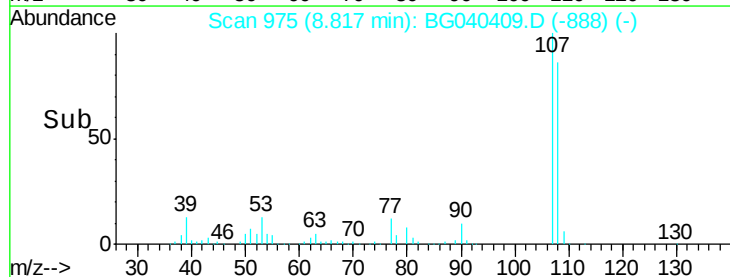
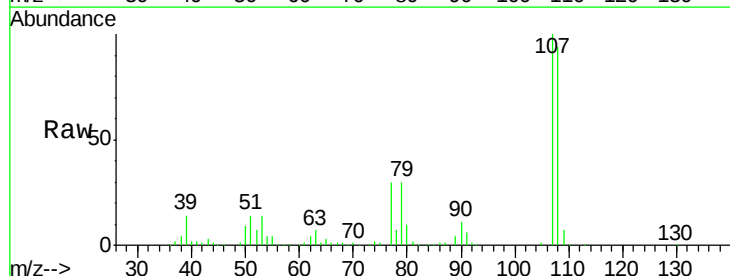
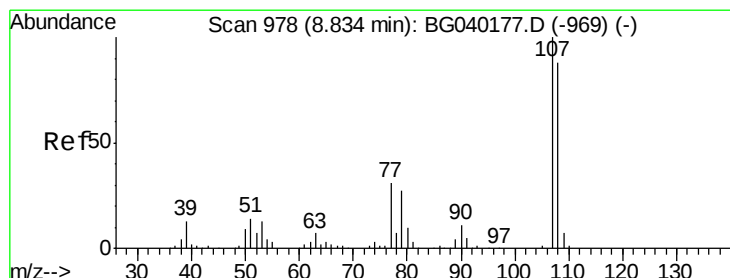
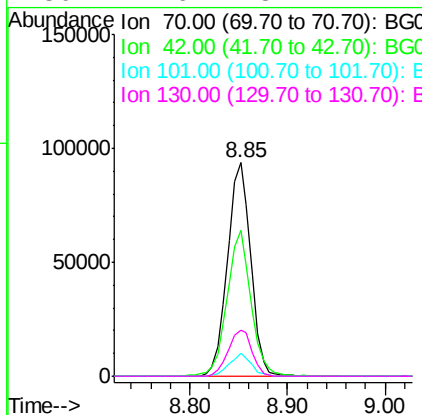
#19
n-Nitroso-di-n-propylamine
Concen: 37.720 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.0	81.0
101	10.9	8.6	13.0
130	21.6	18.2	27.2

Instrument :
BNA_G
ClientSampleId :
PB118723BS

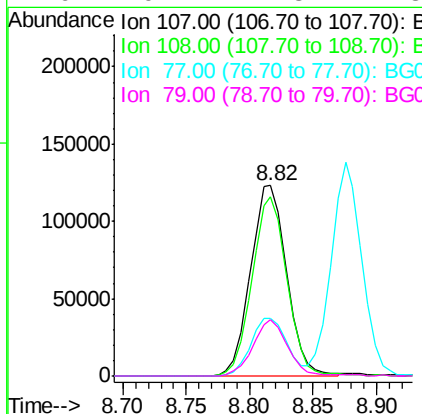
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#20
3+4-Methylphenols
Concen: 42.020 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	68.3	108.3
77	30.1	11.3	51.3
79	29.7	7.3	47.3





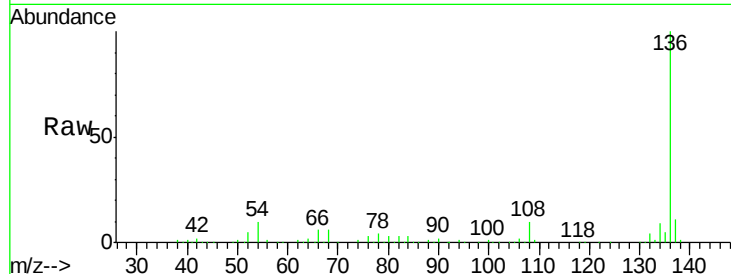
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

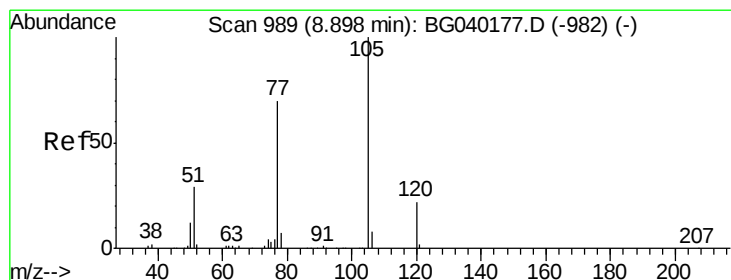
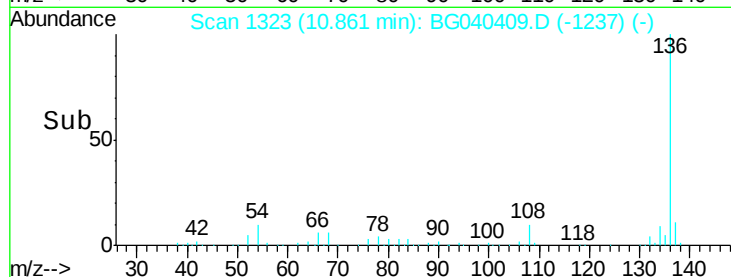
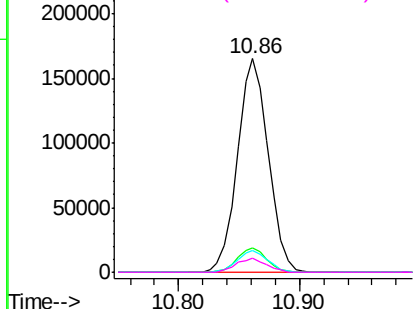
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	292200		
137	11.2	8.9	13.3	
54	10.3	9.6	14.4	
68	6.4	5.1	7.7	

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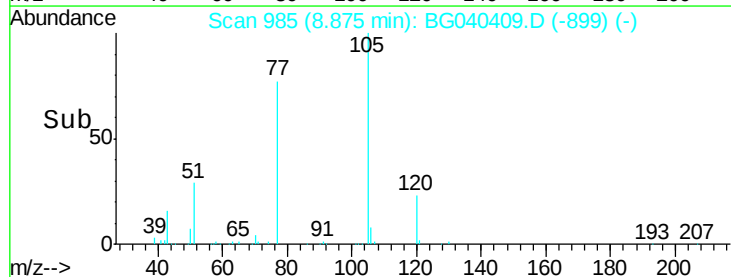
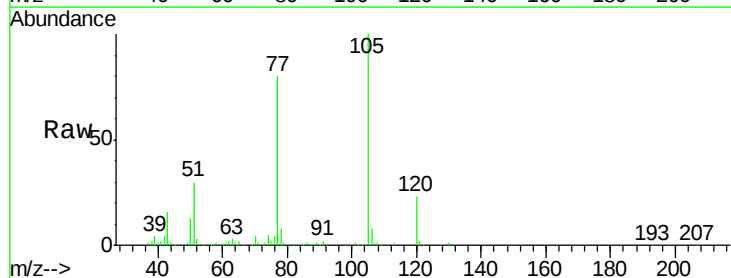
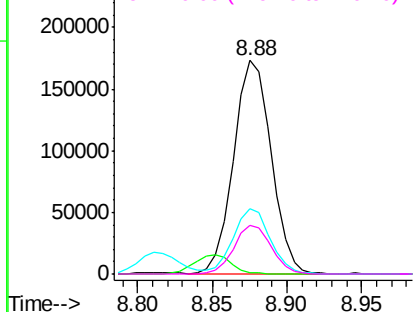
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

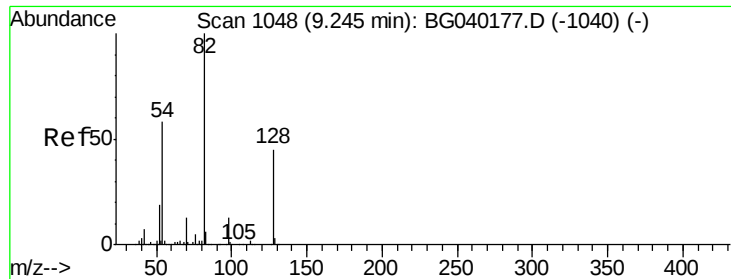


#22
Acetophenone
Concen: 41.394 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301715		
71	0.7	0.6	1.0	
51	30.4	25.1	37.7	
120	22.9	17.6	26.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





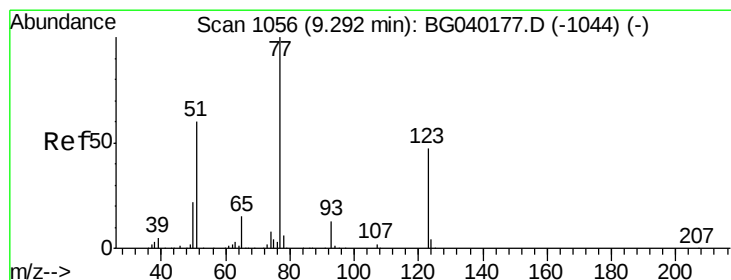
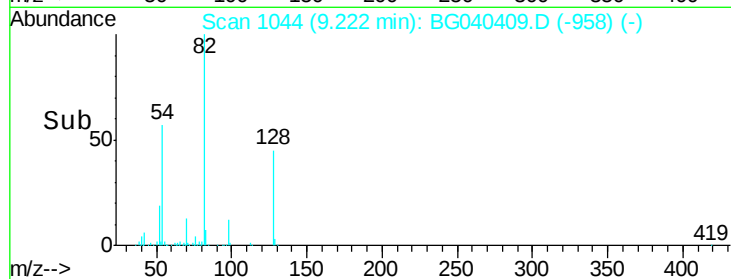
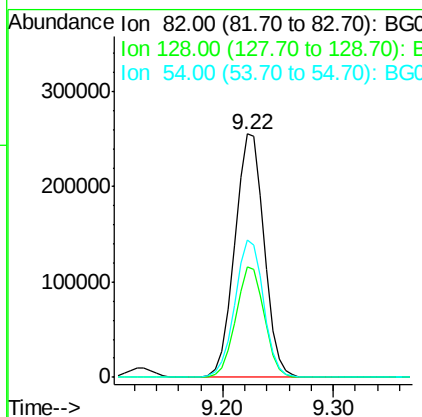
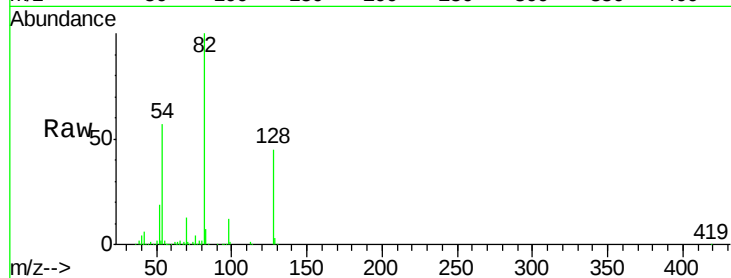
#23
 Nitrobenzene-d5
 Concen: 86.860 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.8
54	56.6	46.2	69.2

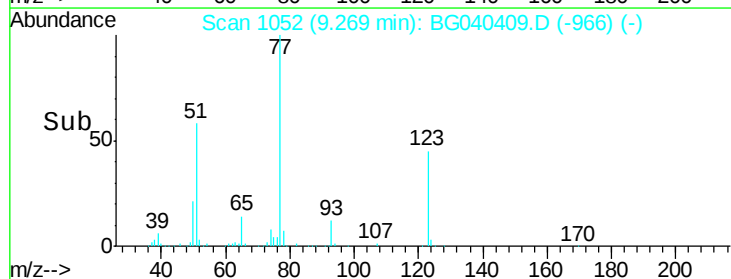
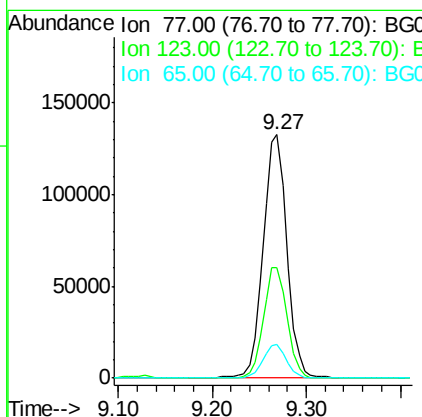
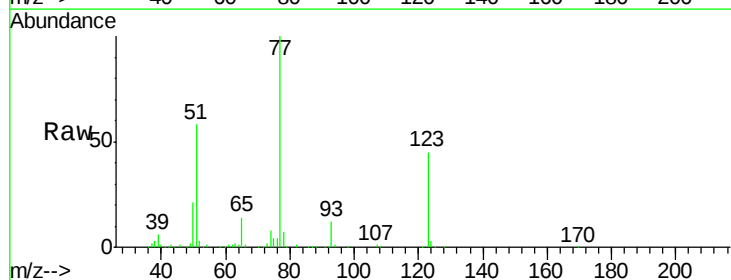
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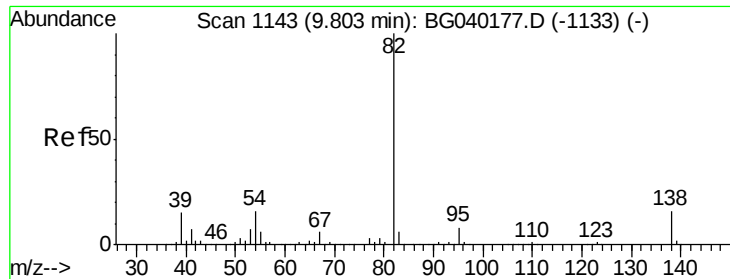
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#24
 Nitrobenzene
 Concen: 40.629 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.8	56.6
65	13.8	12.0	18.0





#25

Isophorone

Concen: 39.459 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

ClientSampleId :

PB118723BS

Tgt Ion: 82 Resp: 446325

Ion Ratio Lower Upper

82 100

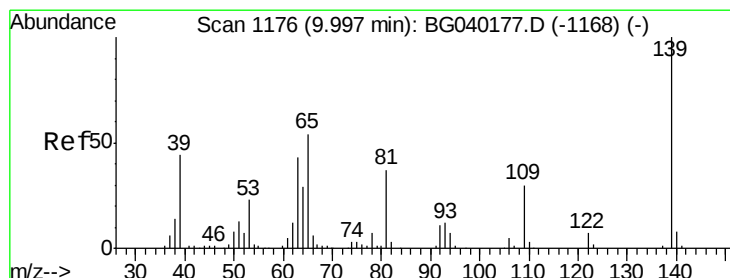
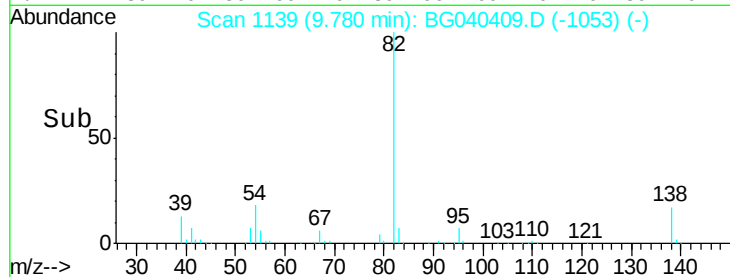
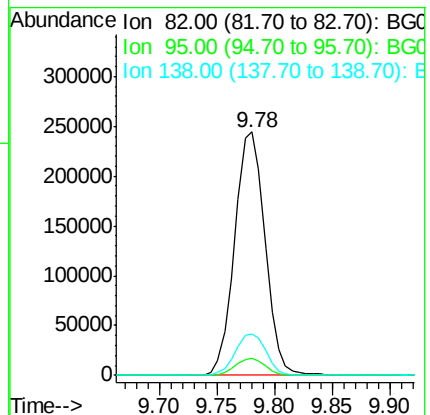
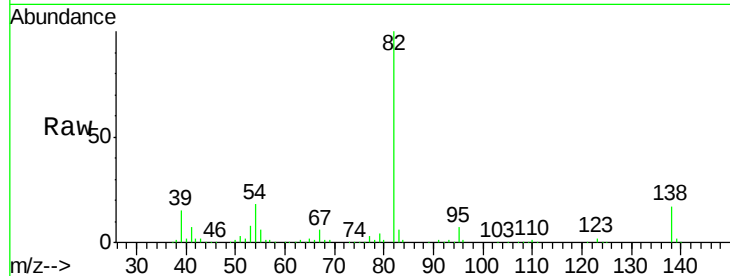
95 7.0 6.1 9.1

138 17.2 13.2 19.8

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#26

2-Nitrophenol

Concen: 40.215 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

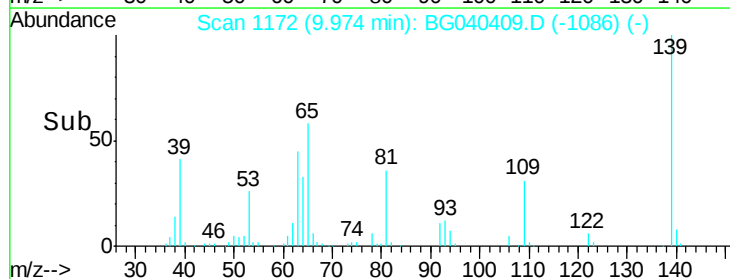
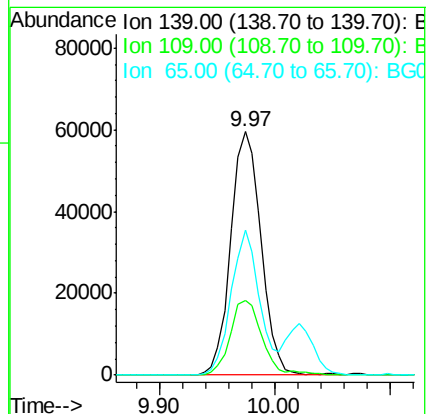
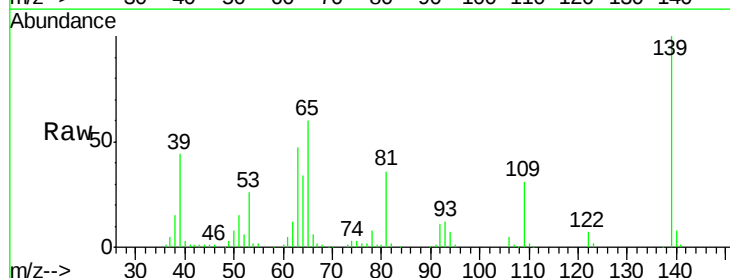
Tgt Ion: 139 Resp: 108476

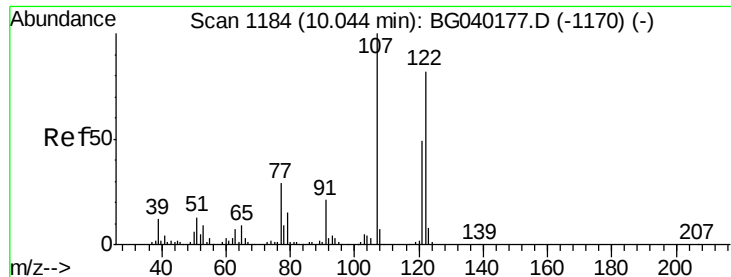
Ion Ratio Lower Upper

139 100

109 30.9 24.1 36.1

65 59.7 43.0 64.6





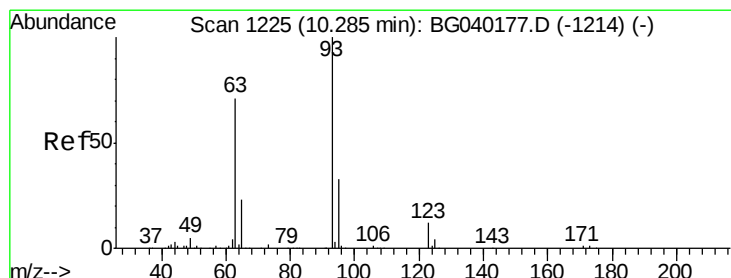
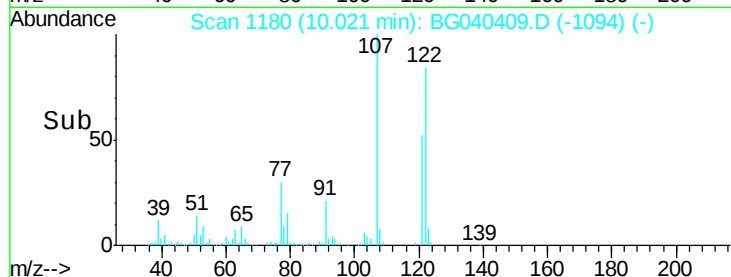
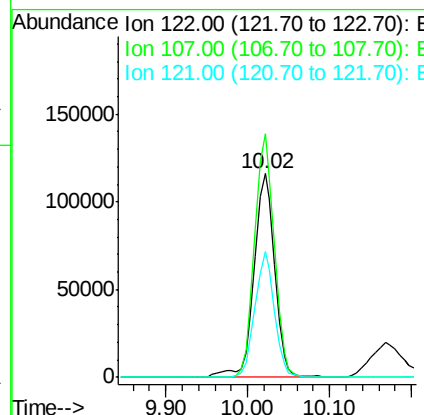
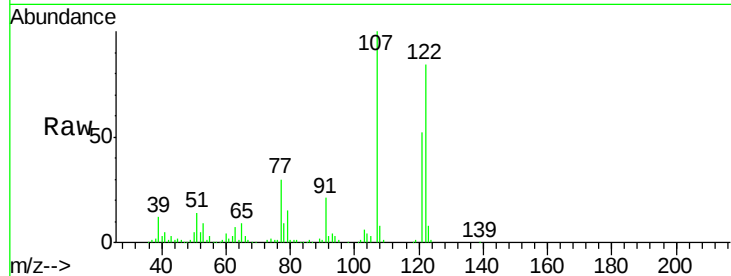
#27
2,4-Dimethylphenol
Concen: 47.915 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	205295		
107	119.6	97.4	146.2	
121	61.7	47.7	71.5	

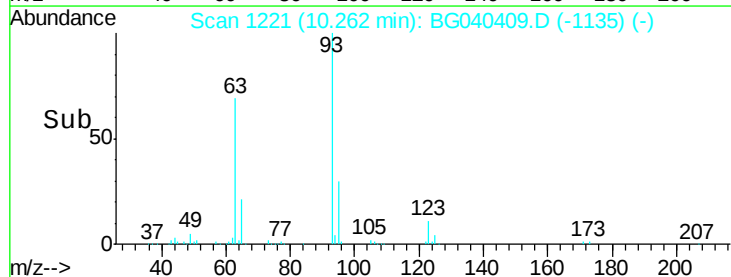
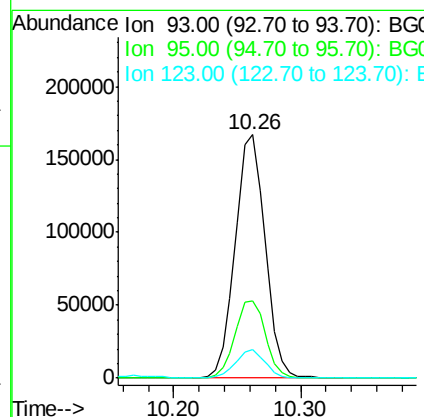
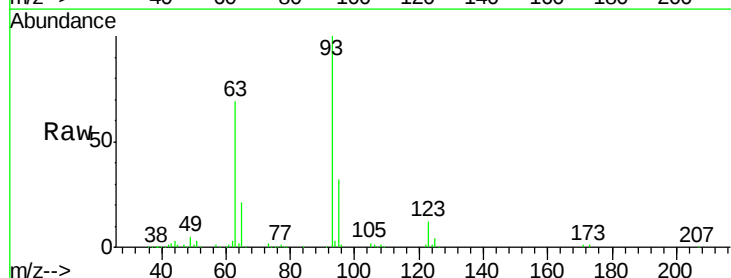
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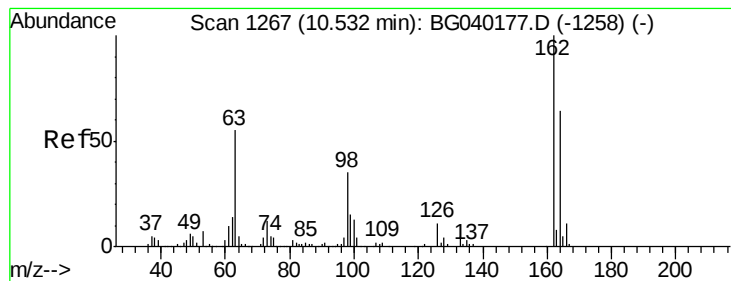
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.749 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	272689		
95	31.8	26.2	39.4	
123	11.5	9.4	14.0	





#29

2,4-Dichlorophenol

Concen: 43.508 ng

RT: 10.51 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

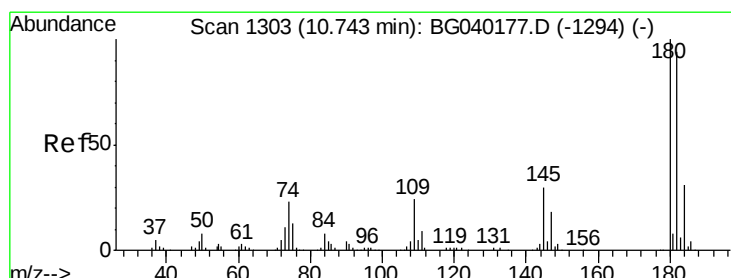
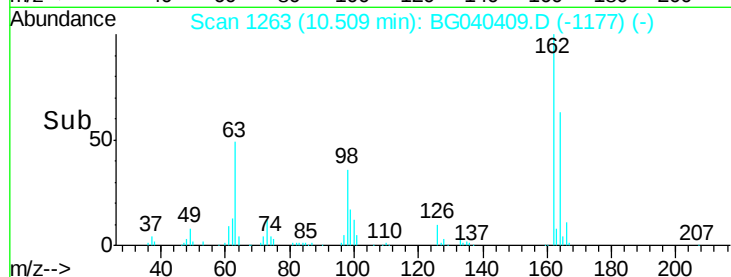
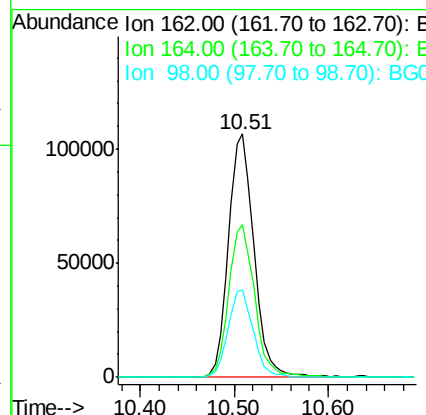
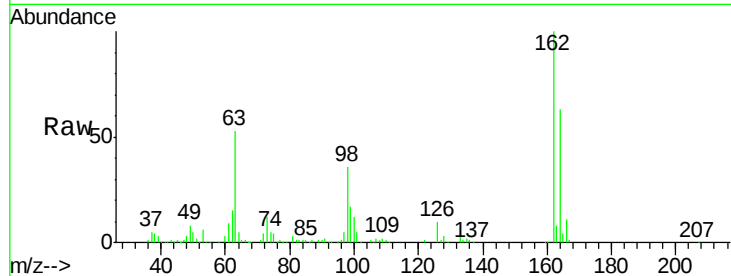
ClientSampled :

PB118723BS

Tgt Ion:	162	Resp:	202343
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.9	83.9
98	36.0	15.6	55.6

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#30

1,2,4-Trichlorobenzene

Concen: 40.784 ng

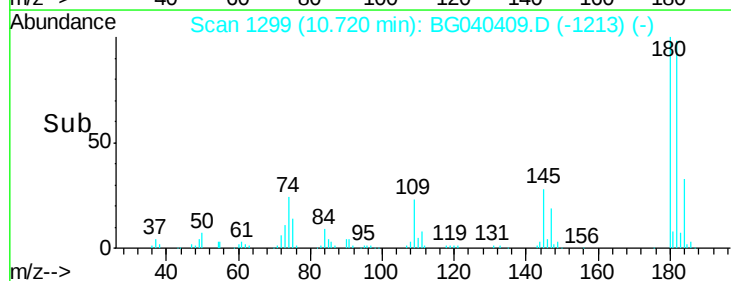
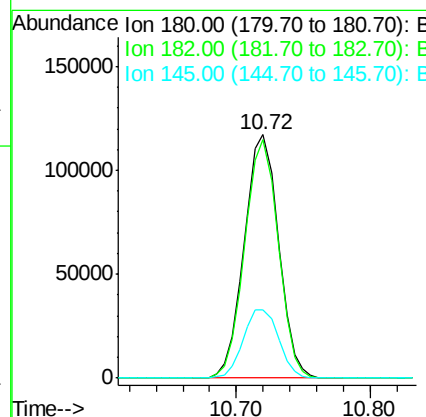
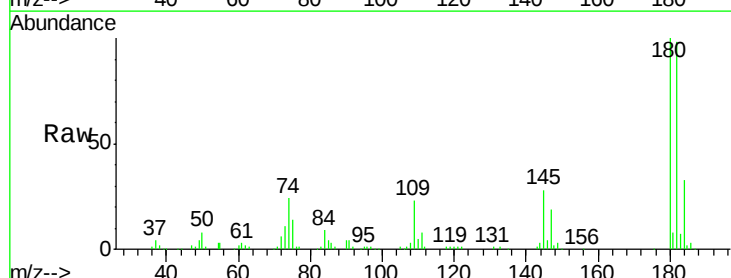
RT: 10.72 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	180	Resp:	208268
Ion Ratio	Lower	Upper	
180	100		
182	98.0	75.1	112.7
145	28.2	24.1	36.1





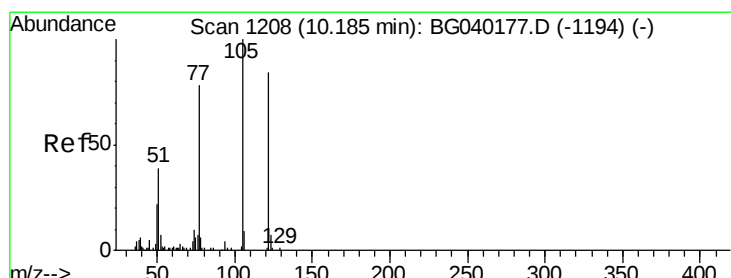
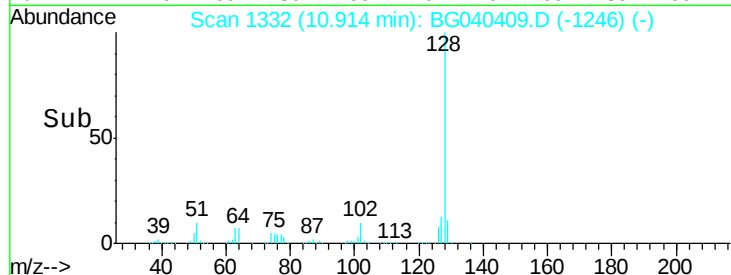
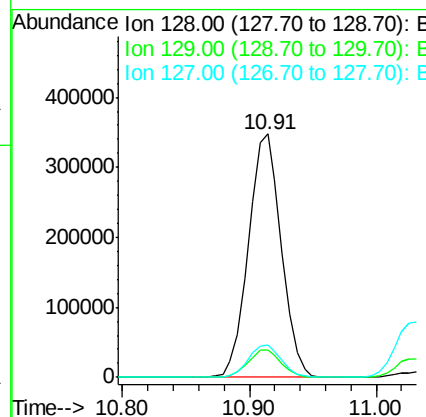
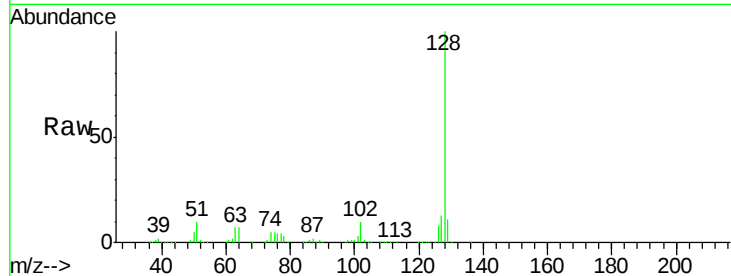
#31
Naphthalene
Concen: 41.636 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	623596		
129	11.0	8.9	13.3	
127	13.4	11.4	17.0	

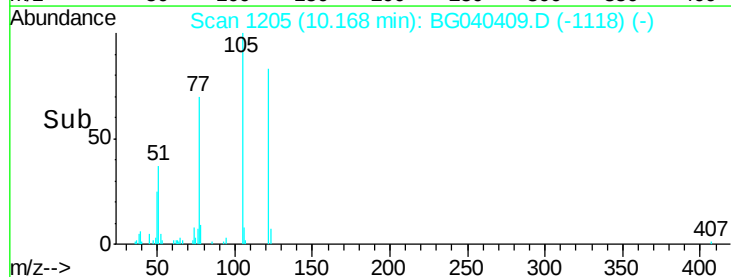
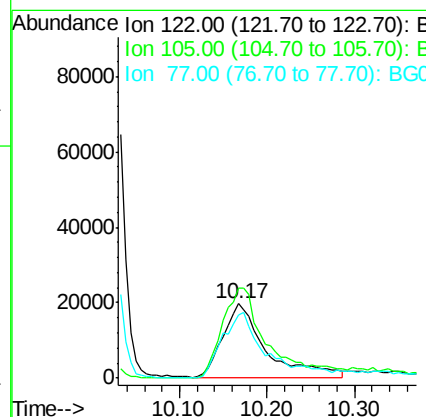
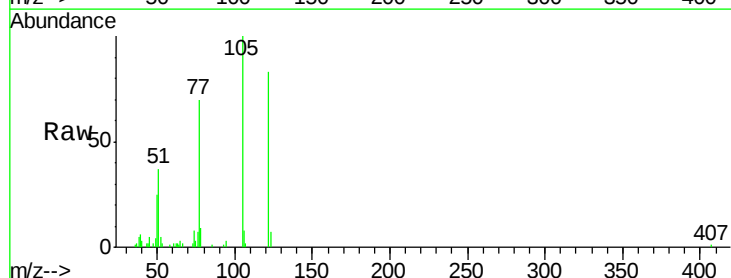
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#32
Benzoic acid
Concen: 25.006 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	64735		
105	120.6	98.2	138.2	
77	85.0	73.6	113.6	





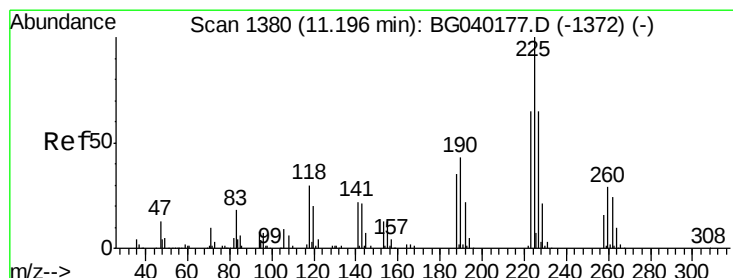
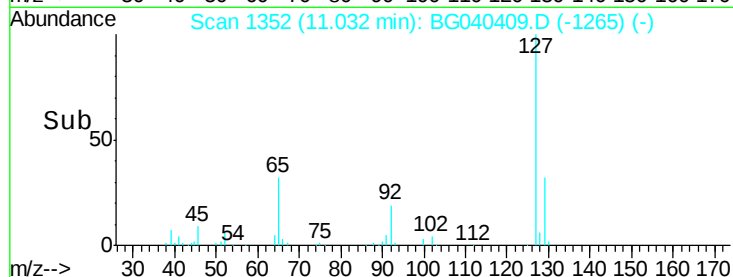
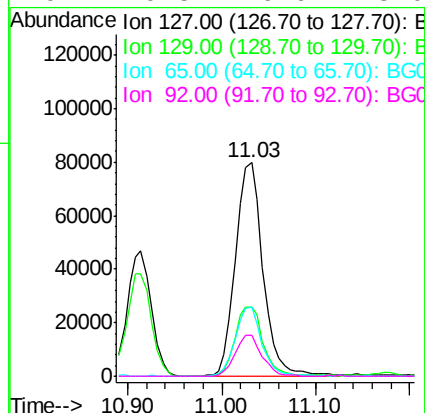
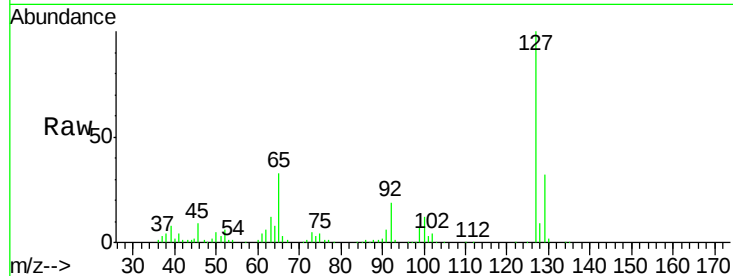
#33
4-Chloroaniline
Concen: 25.529 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	163097		
129	32.1	26.6	40.0	
65	32.6	27.0	40.4	
92	19.5	16.6	25.0	

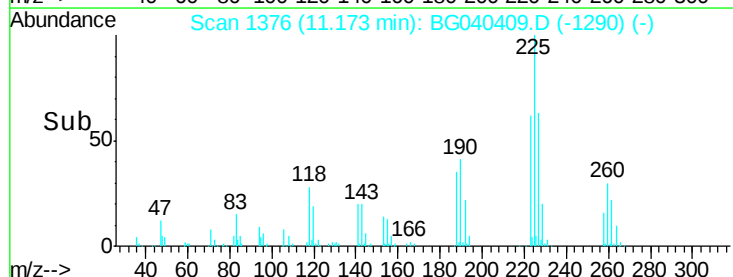
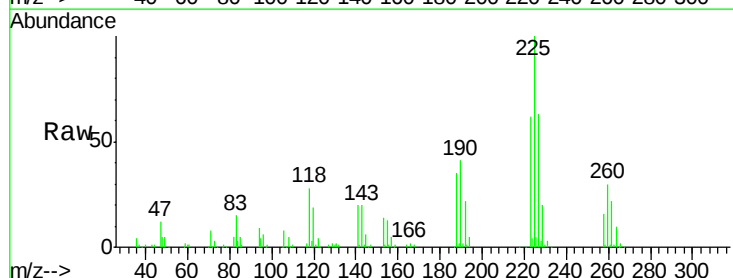
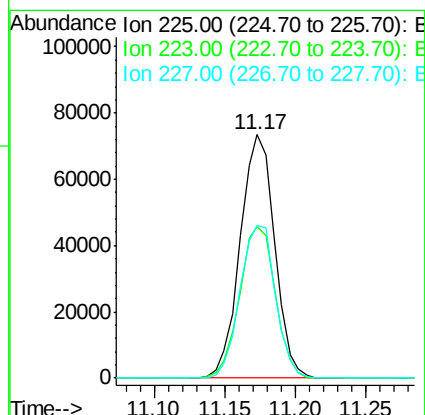
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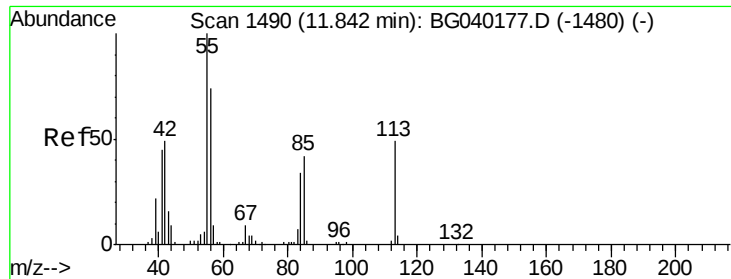
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#34
Hexachlorobutadiene
Concen: 38.340 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125216		
223	62.3	51.8	77.8	
227	62.7	54.9	82.3	





#35

Caprolactam

Concen: 41.300 ng m

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

ClientSampled :

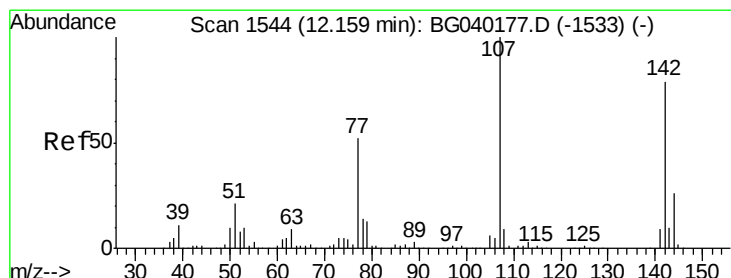
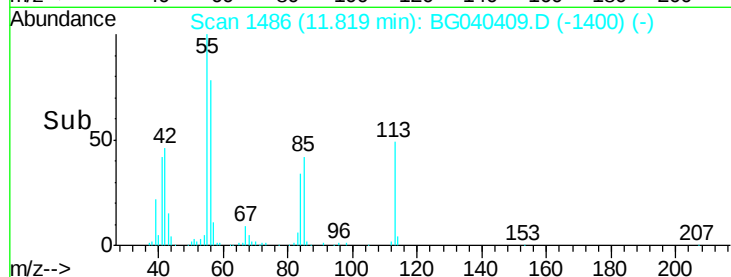
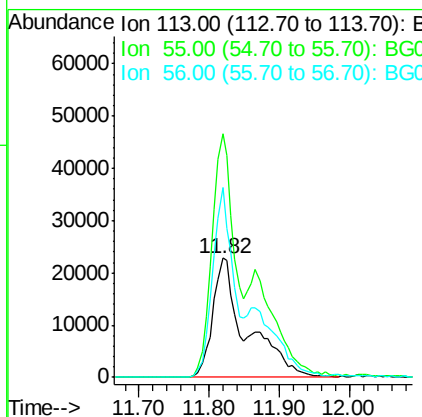
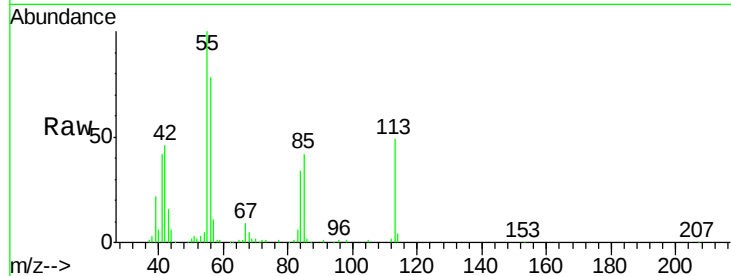
PB118723BS

Tgt Ion:113 Resp: 76222

Ion	Ratio	Lower	Upper
113	100		
55	203.9	184.2	224.2
56	159.0	131.3	171.3

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#36

4-Chloro-3-methylphenol

Concen: 42.835 ng

RT: 12.14 min Scan# 1540

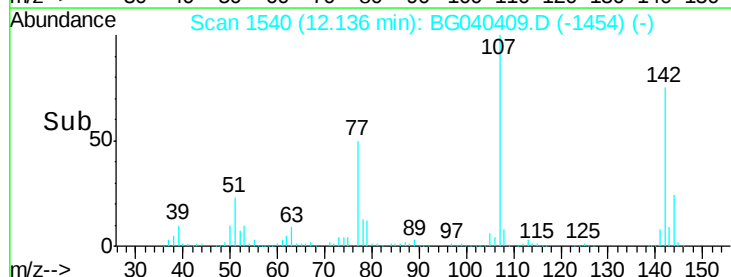
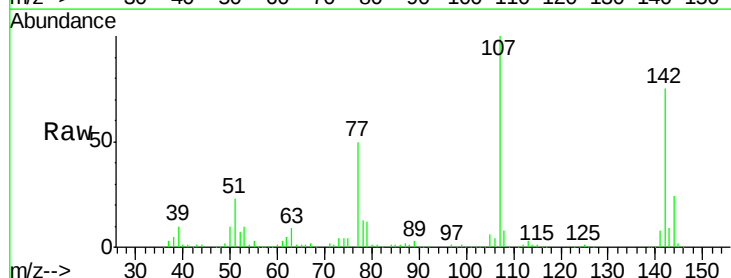
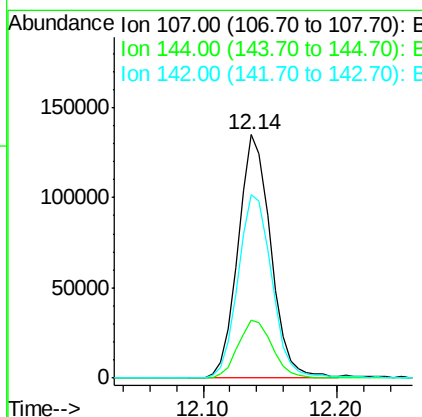
Delta R.T. -0.02 min

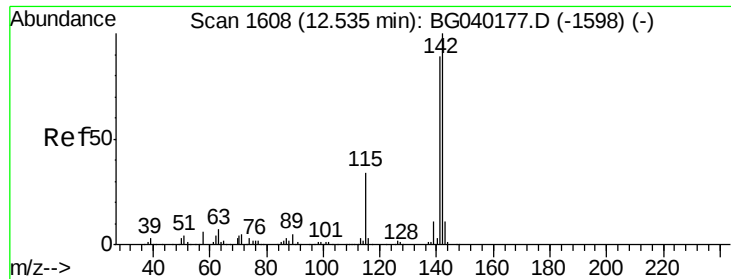
Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:107 Resp: 229019

Ion	Ratio	Lower	Upper
107	100		
144	24.0	20.5	30.7
142	75.4	63.1	94.7





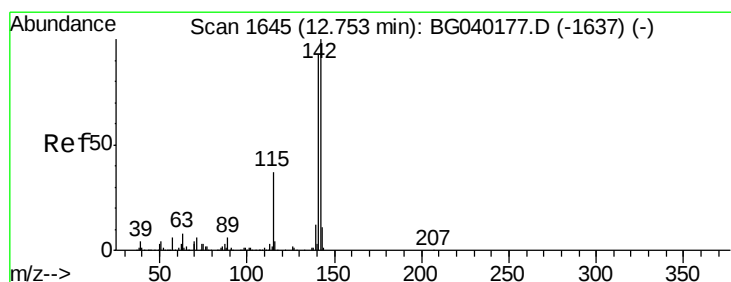
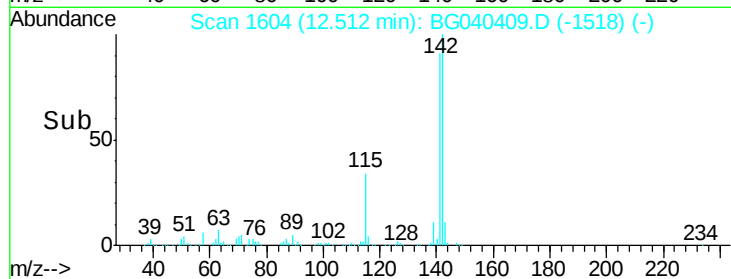
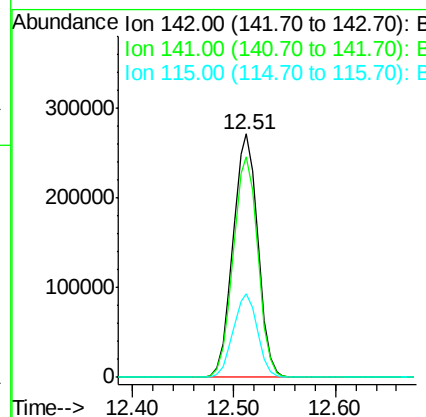
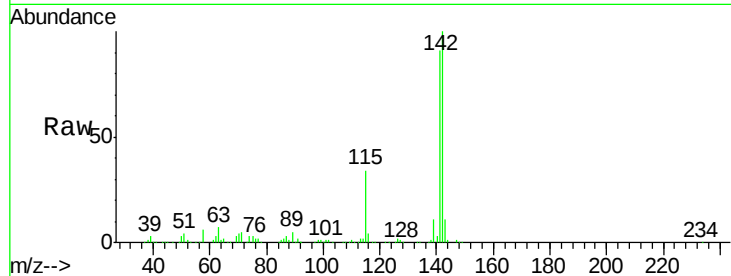
#37
 2-Methylnaphthalene
 Concen: 41.650 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	34.3	27.3	40.9

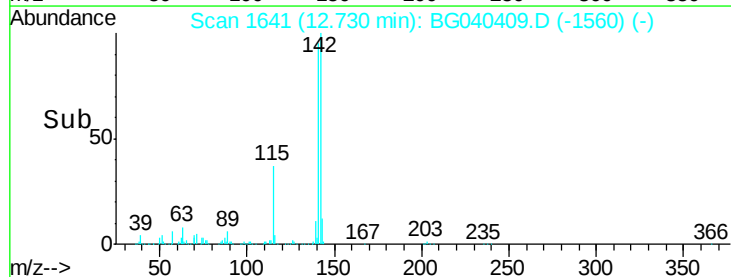
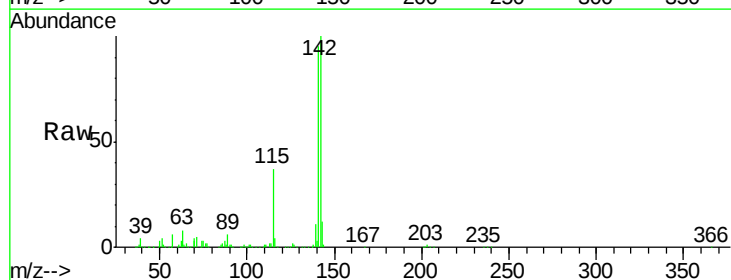
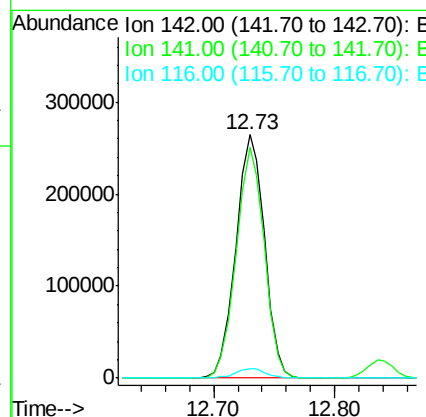
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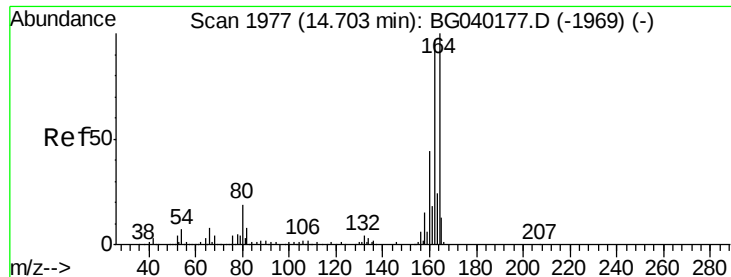
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#38
 1-Methylnaphthalene
 Concen: 40.687 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.2	111.4
116	4.0	3.0	4.4





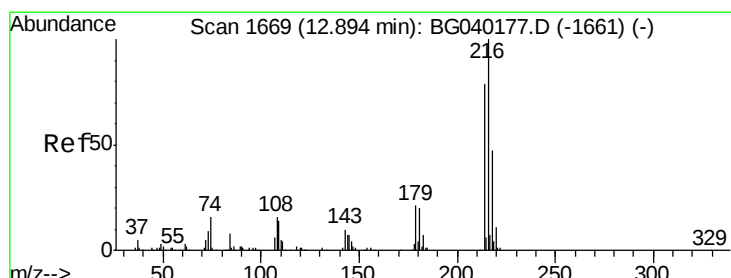
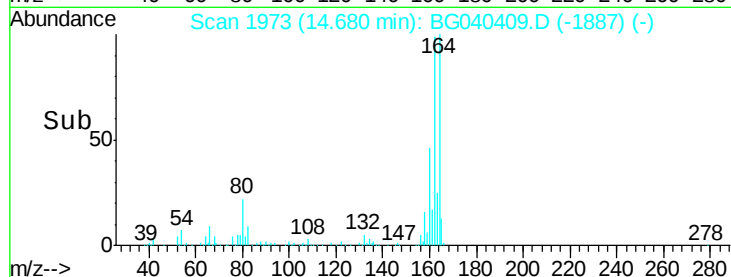
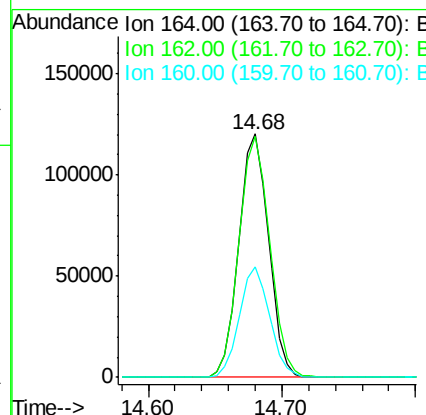
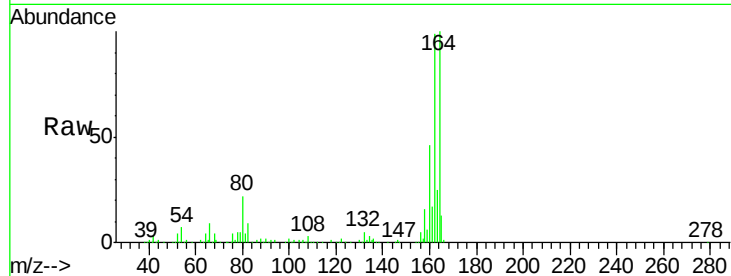
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	186085		
162	99.2	77.4	116.2	
160	45.6	35.3	52.9	

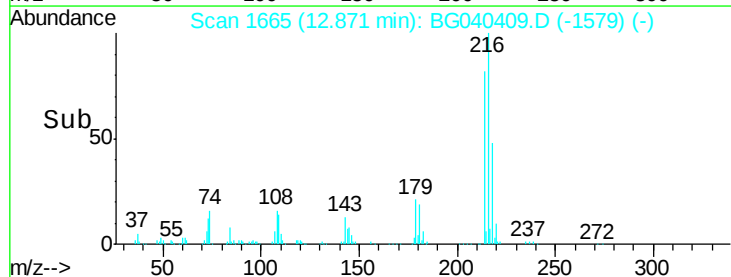
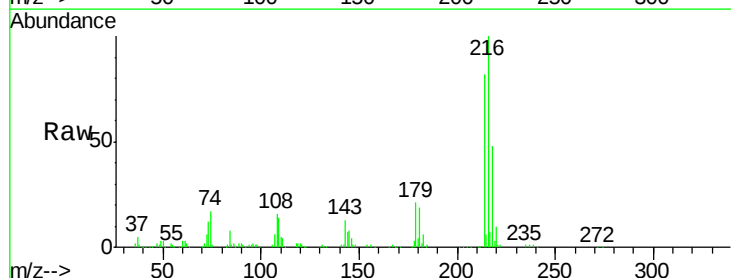
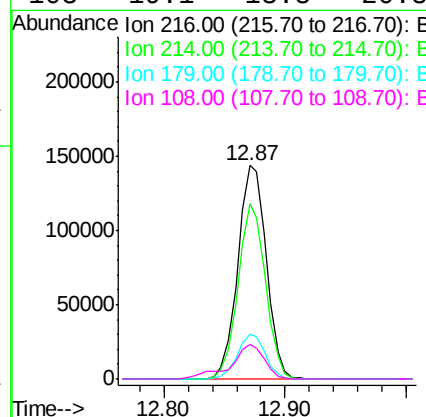
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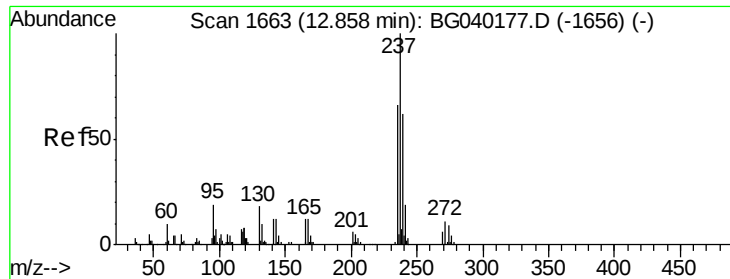
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.862 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	235759		
214	79.2	63.5	95.3	
179	20.4	16.6	25.0	
108	19.1	13.8	20.8	





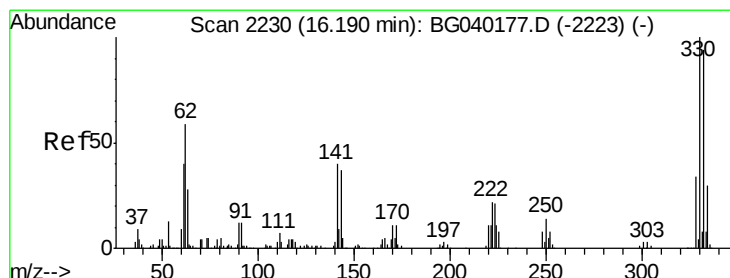
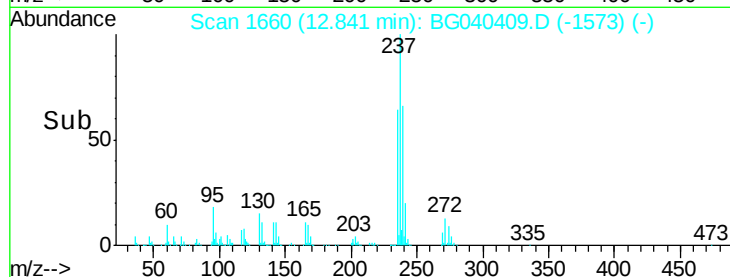
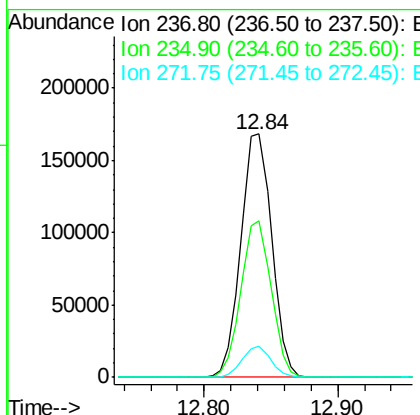
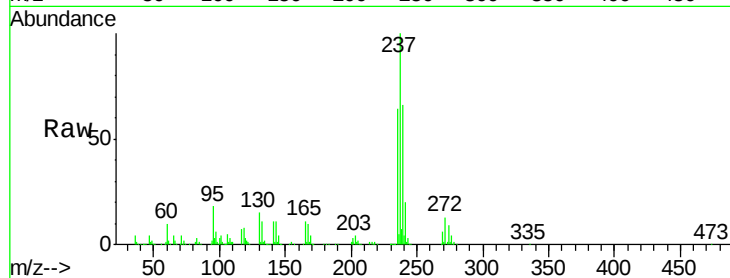
#41
Hexachlorocyclopentadiene
Concen: 82.915 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.3	46.2	86.2
272	12.7	0.0	30.5

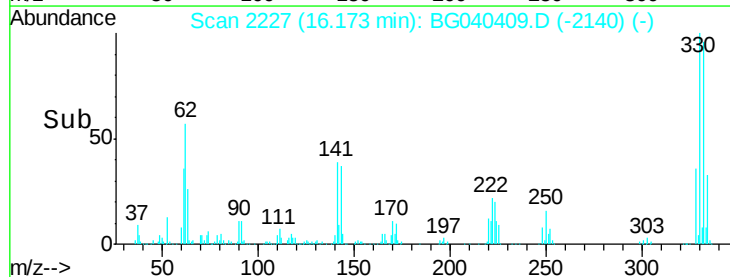
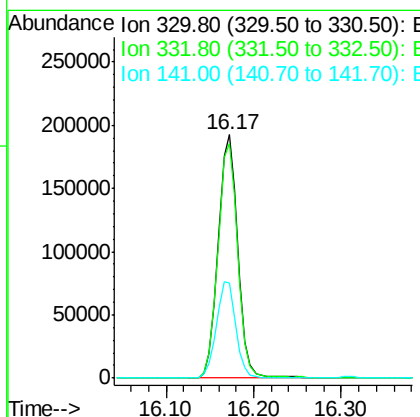
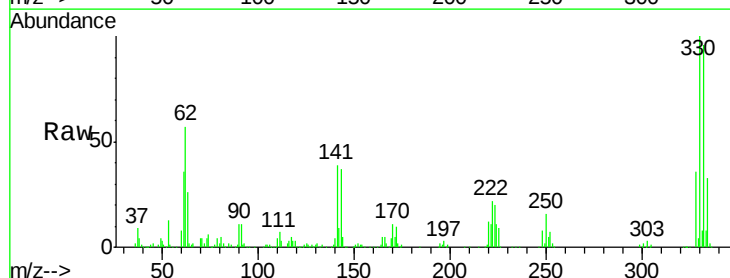
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#42
2,4,6-Tribromophenol
Concen: 149.673 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	76.6	115.0
141	39.6	32.6	48.8





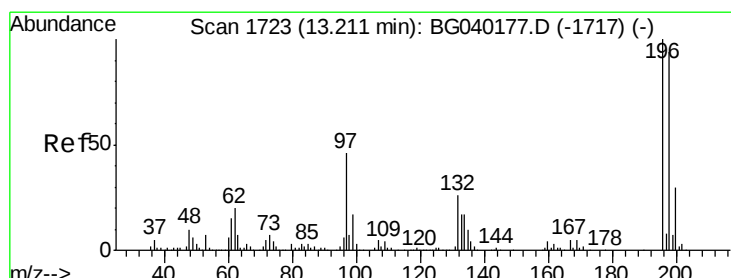
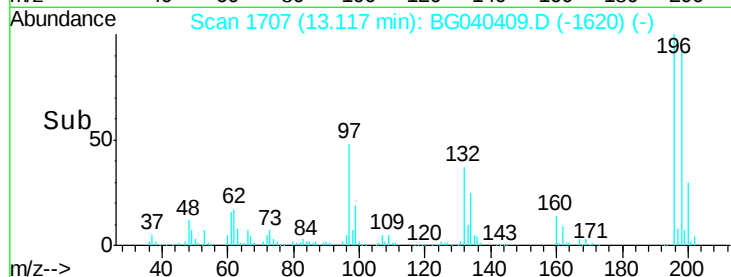
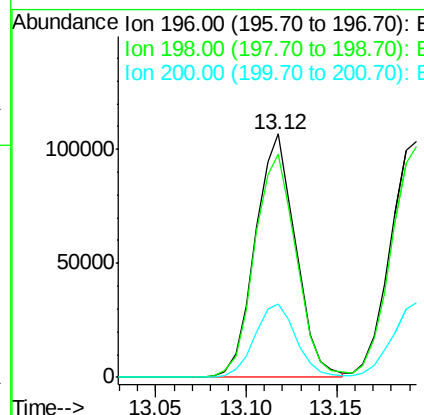
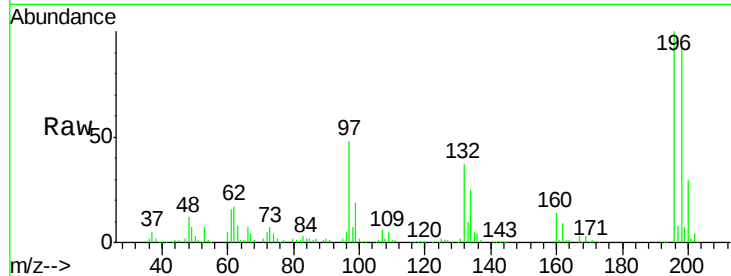
#43
 2,4,6-Trichlorophenol
 Concen: 43.215 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampled :
 PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164790		
198	91.9	78.3	117.5	
200	30.1	26.0	39.0	

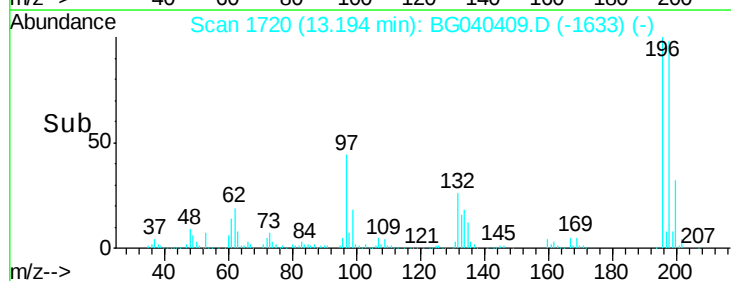
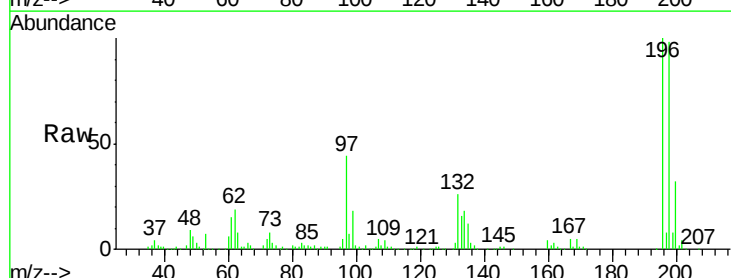
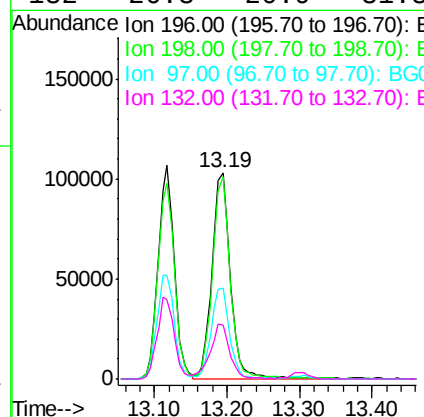
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#44
 2,4,5-Trichlorophenol
 Concen: 43.658 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181456		
198	98.3	75.0	112.6	
97	44.3	37.3	55.9	
132	26.3	20.9	31.3	





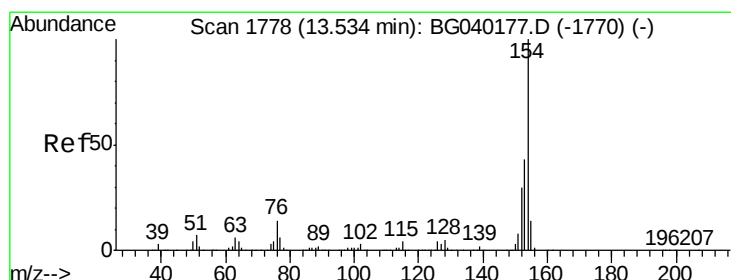
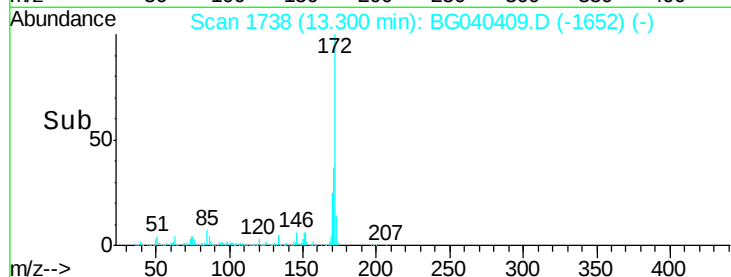
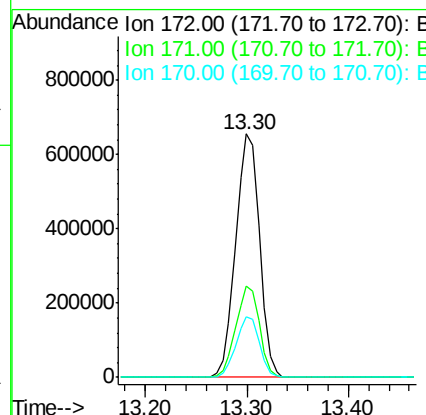
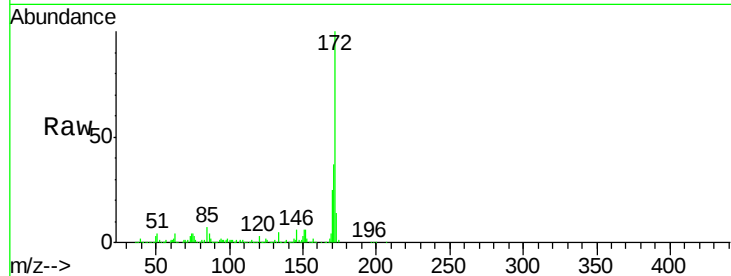
#45
2-Fluorobiphenyl
Concen: 85.084 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.0	20.1	30.1

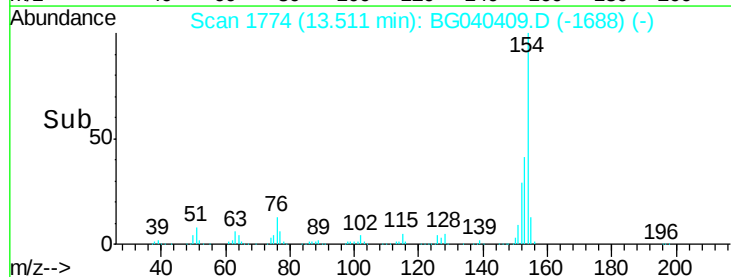
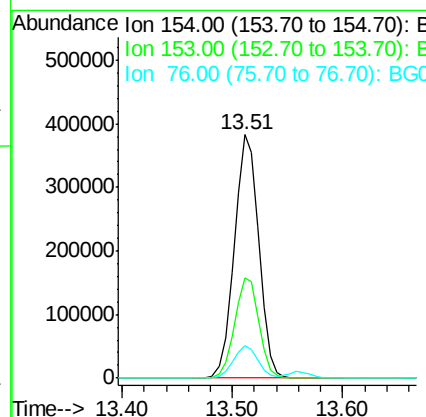
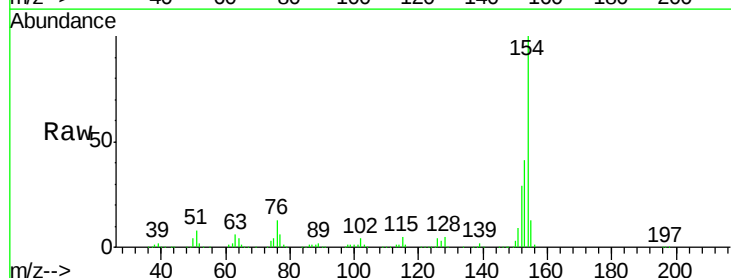
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#46
1,1'-Biphenyl
Concen: 40.316 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.5	62.5
76	13.1	0.0	33.7





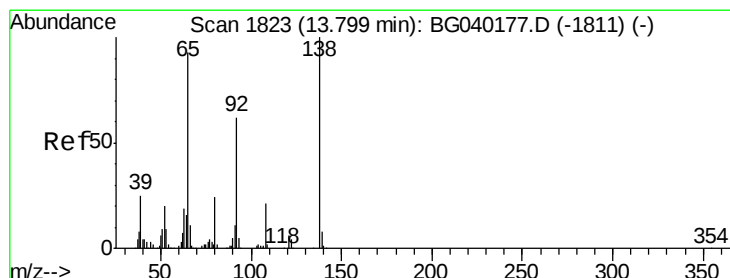
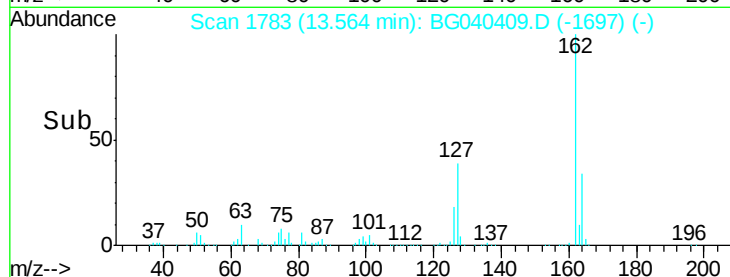
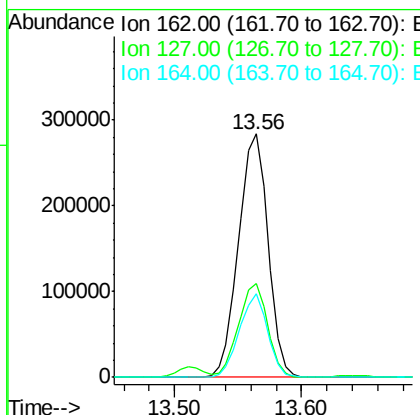
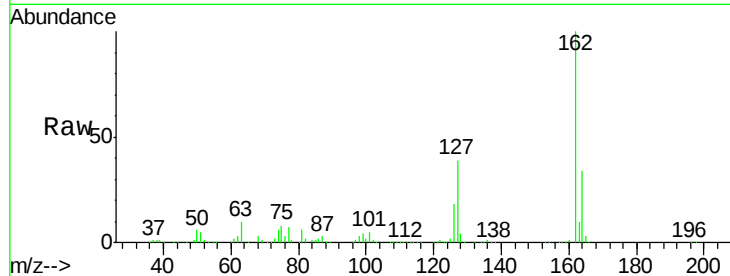
#47
2-Chloronaphthalene
Concen: 40.661 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	458589		
127	38.6	30.6	45.8	
164	34.4	26.2	39.4	

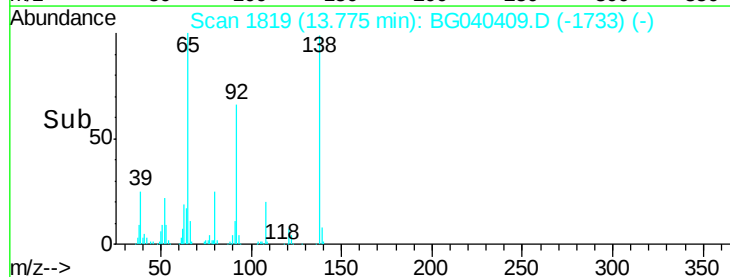
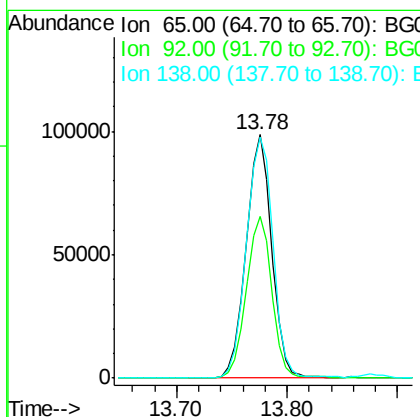
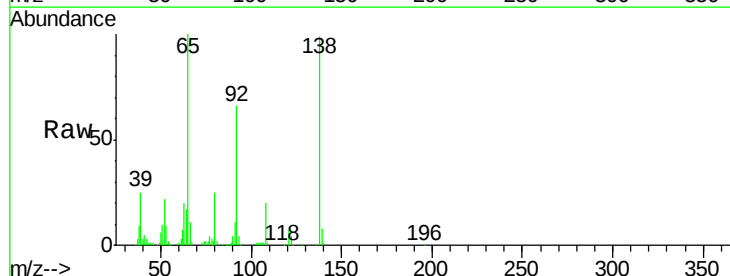
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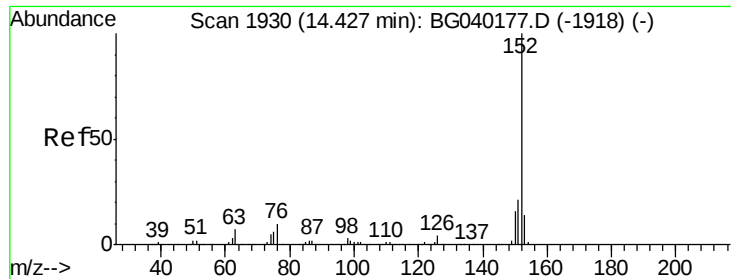
Sohil
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#48
2-Nitroaniline
Concen: 42.416 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	161359		
92	66.2	53.8	80.6	
138	99.0	86.3	129.5	





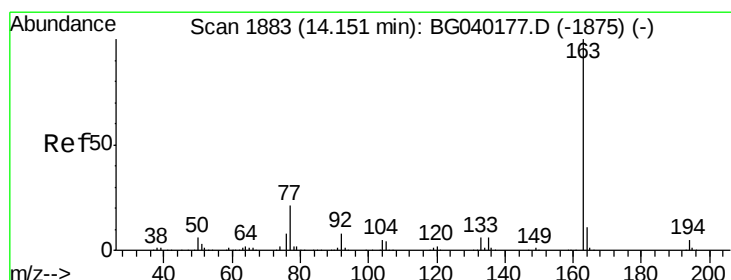
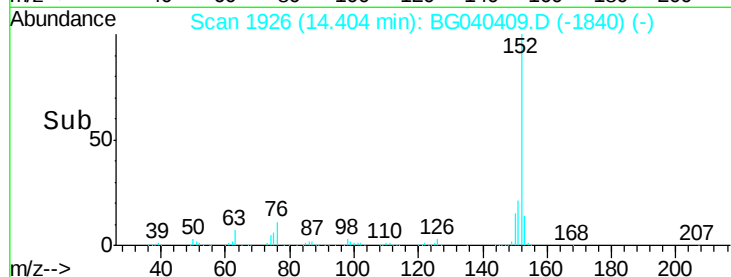
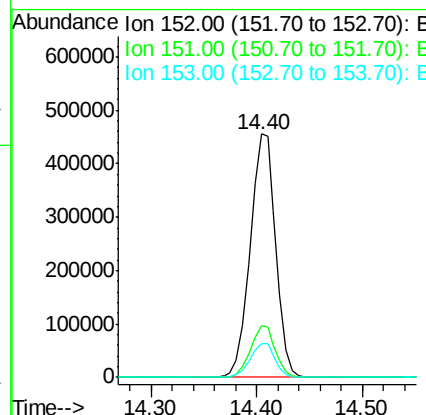
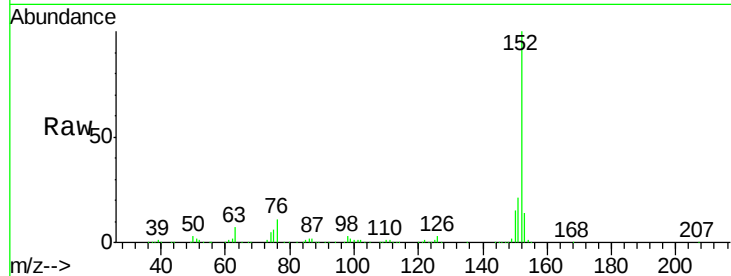
#49
Acenaphthylene
Concen: 39.771 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	760513		
151	21.1		17.0	25.6
153	14.0		10.8	16.2

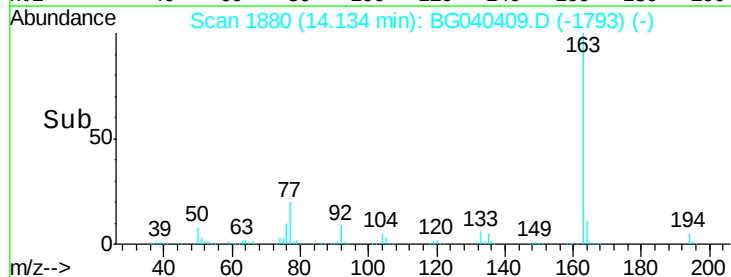
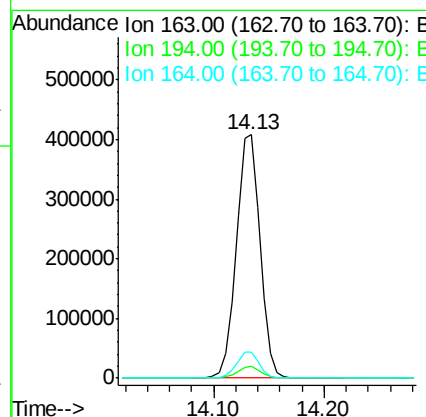
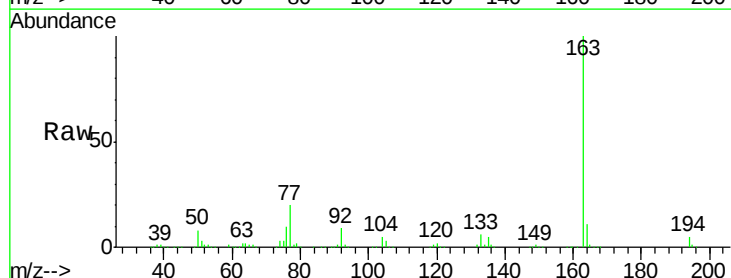
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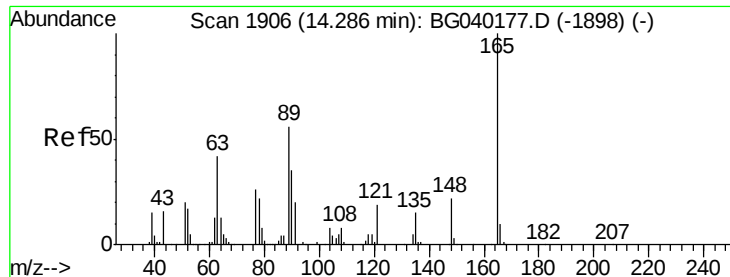
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#50
Dimethylphthalate
Concen: 42.152 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	613888		
194	4.8		4.1	6.1
164	10.9		8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 43.040 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

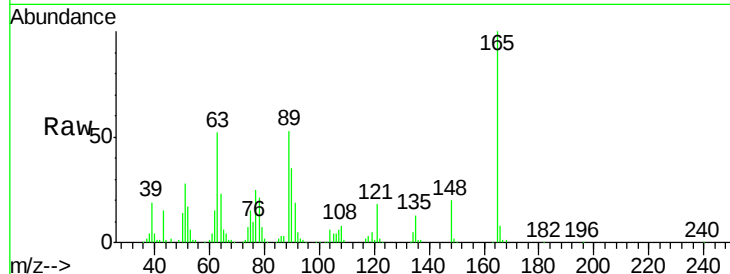
ClientSampled :

PB118723BS

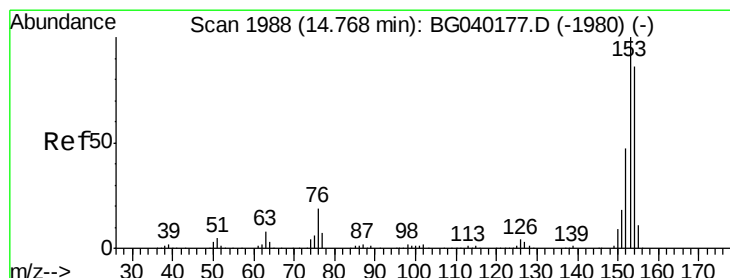
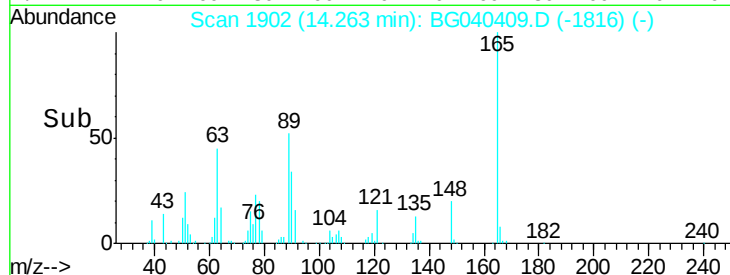
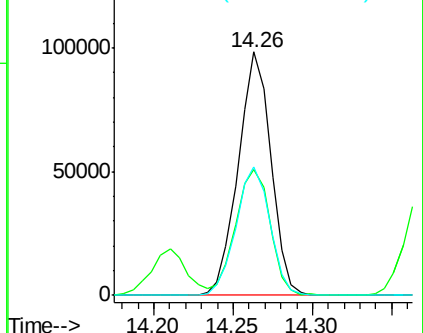
Tgt Ion:	165	Resp:	140744
Ion Ratio	Lower	Upper	
165	100		
63	51.9	44.1	66.1
89	52.5	44.9	67.3

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Abundance Ion 165.00 (164.70 to 165.70): E



#52

Acenaphthene

Concen: 40.659 ng

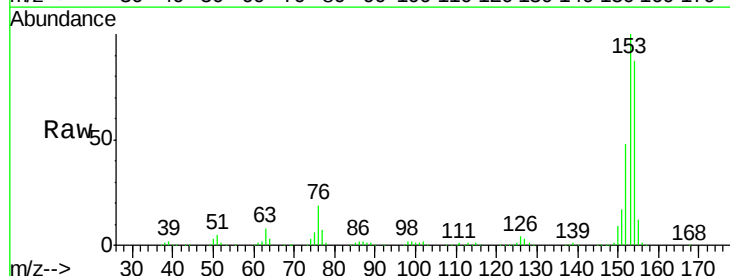
RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

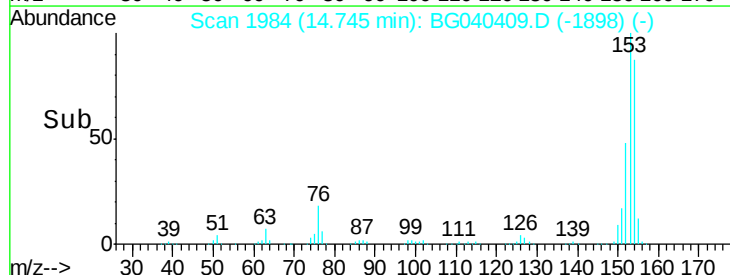
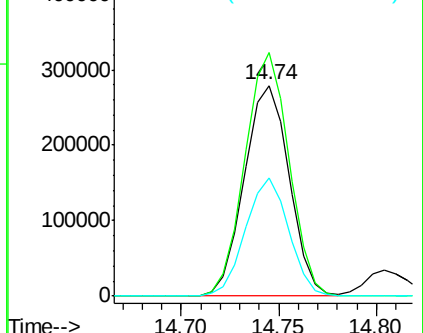
Lab File: BG040409.D

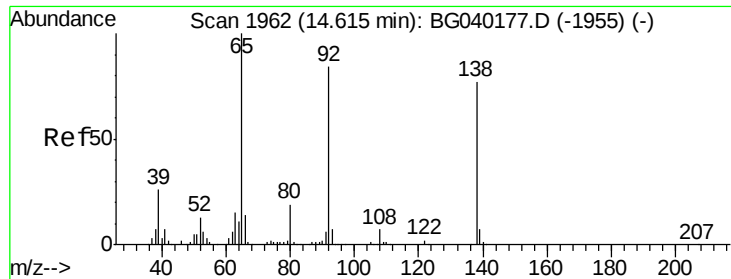
Acq: 9 Apr 2019 21:47

Tgt Ion:	154	Resp:	445510
Ion Ratio	Lower	Upper	
154	100		
153	115.5	92.8	139.2
152	55.9	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E





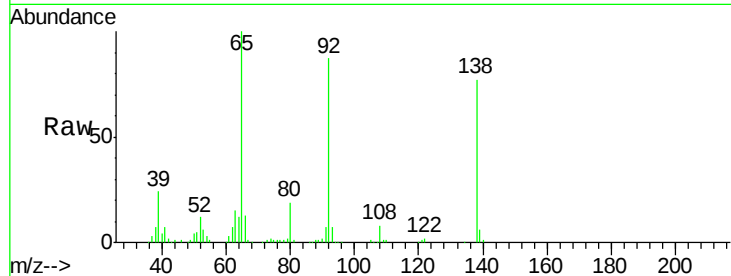
#53
3-Nitroaniline
Concen: 31.766 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

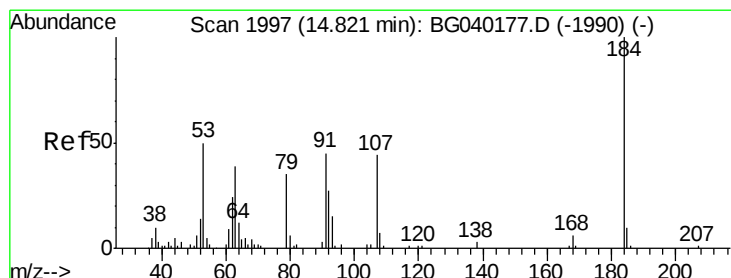
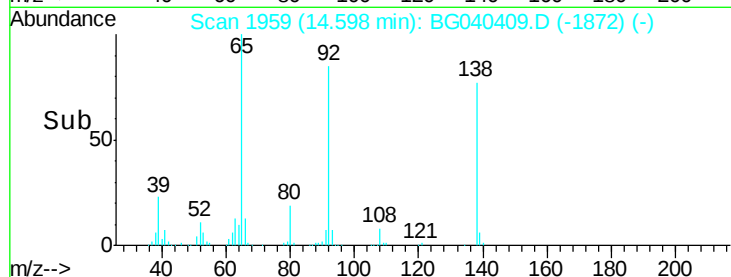
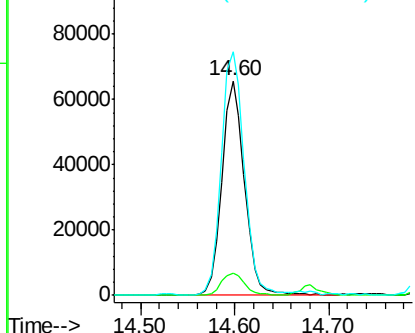
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	109959		
108	10.5	7.8	11.8	
92	113.4	87.5	131.3	

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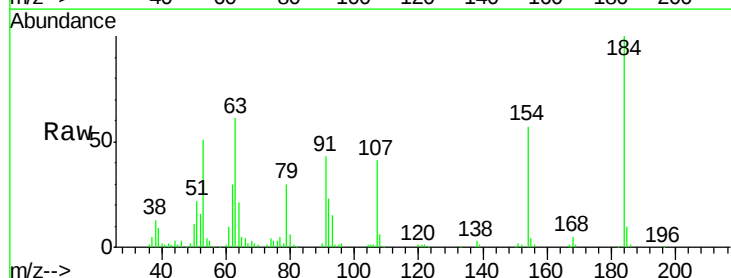


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

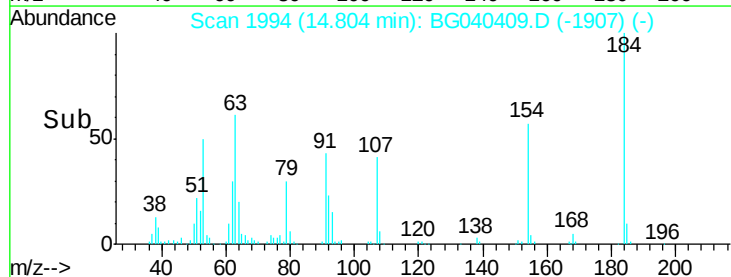
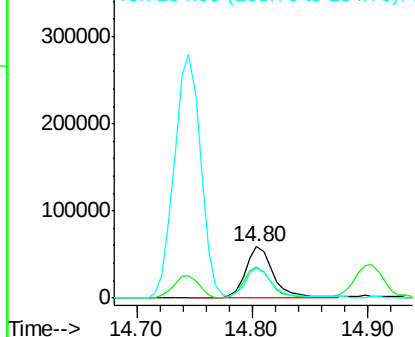


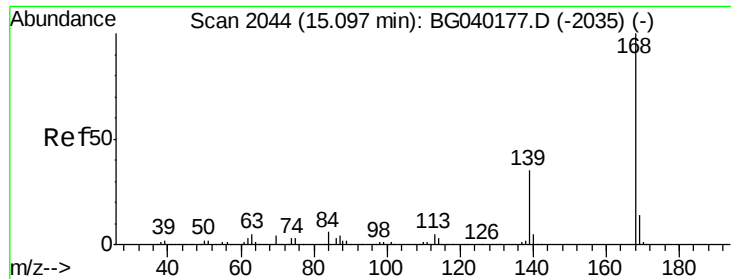
#54
2,4-Dinitrophenol
Concen: 57.780 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	100486		
63	61.3	51.8	77.8	
154	57.0	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





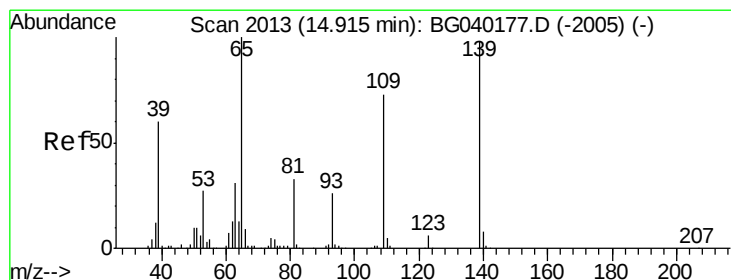
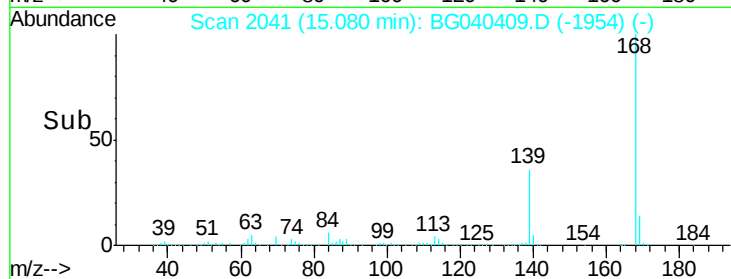
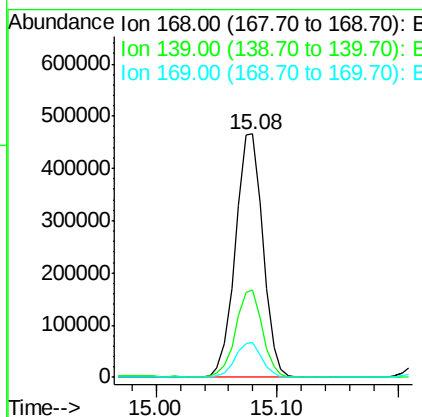
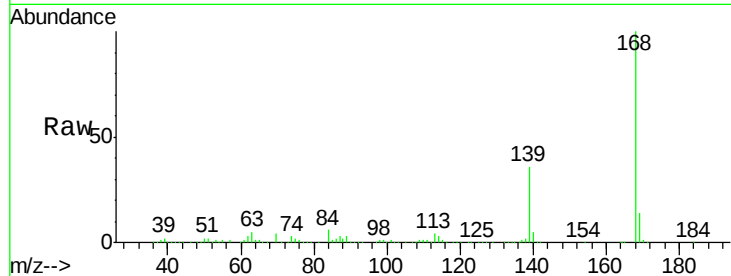
#55
Dibenzofuran
Concen: 41.942 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	738452		
139	35.8	27.9	41.9	
169	14.1	11.3	16.9	

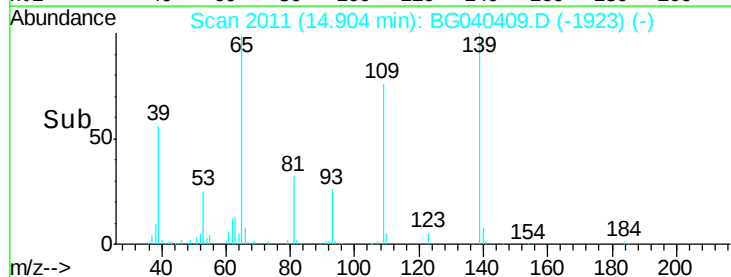
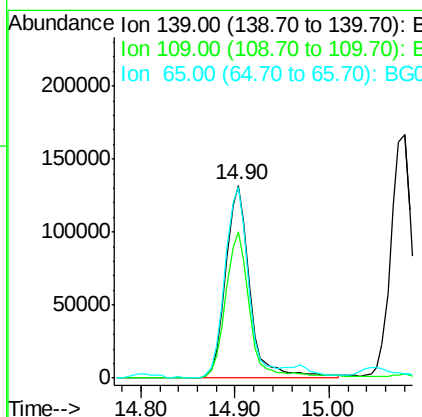
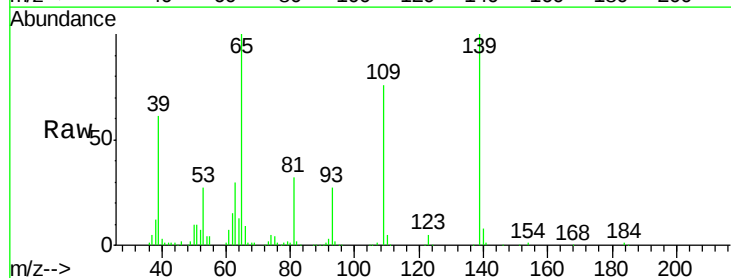
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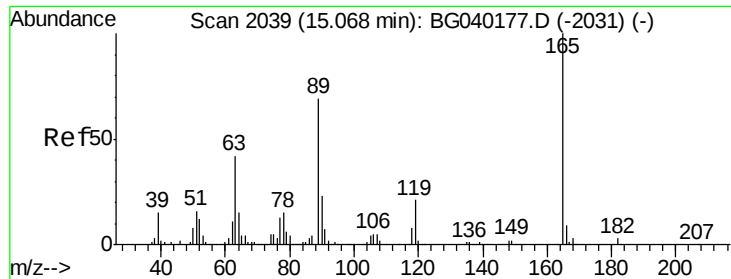
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#56
4-Nitrophenol
Concen: 84.922 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	237248		
109	76.1	54.3	94.3	
65	99.6	82.5	122.5	





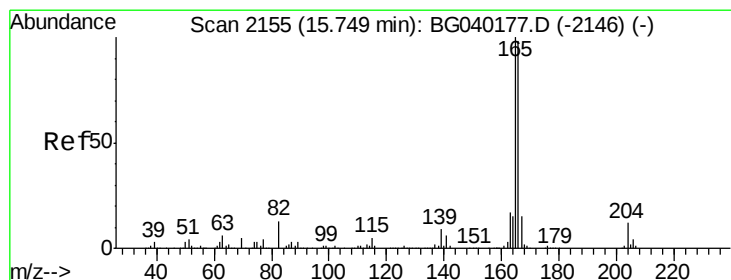
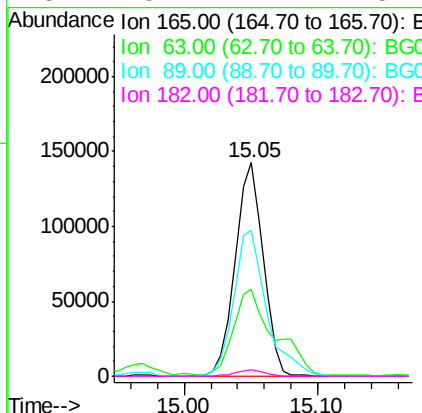
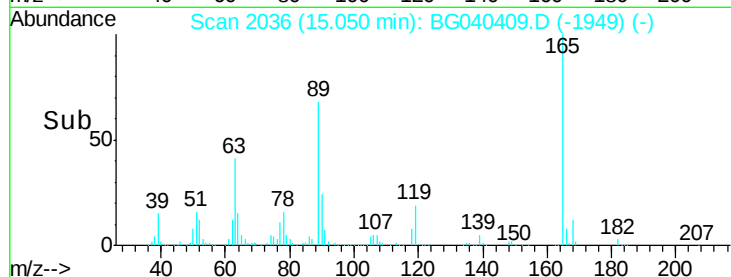
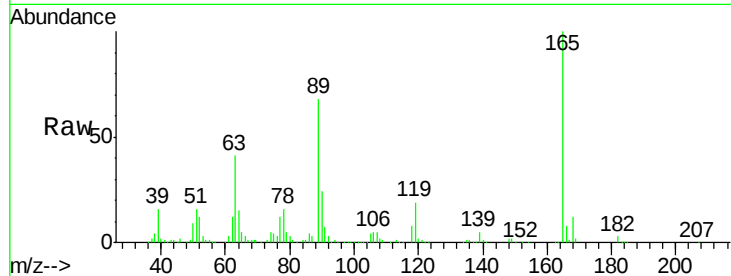
#57
2,4-Dinitrotoluene
Concen: 45.778 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208005		
63	41.0	33.8	50.6	
89	68.2	55.4	83.2	
182	3.2	2.2	3.4	

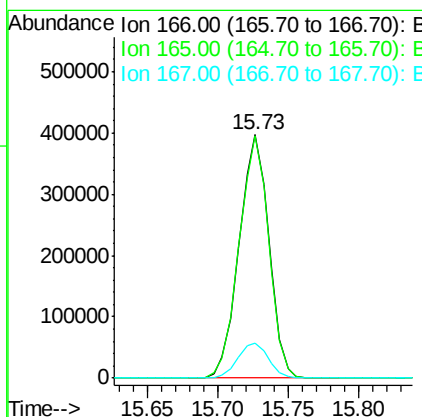
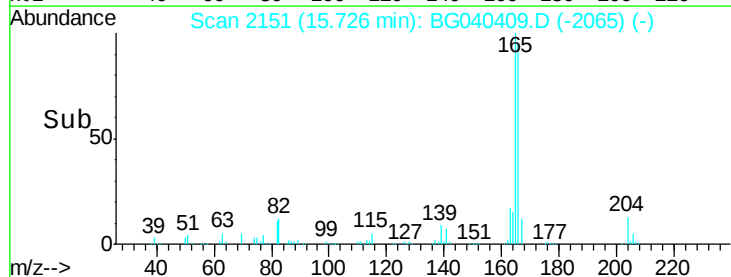
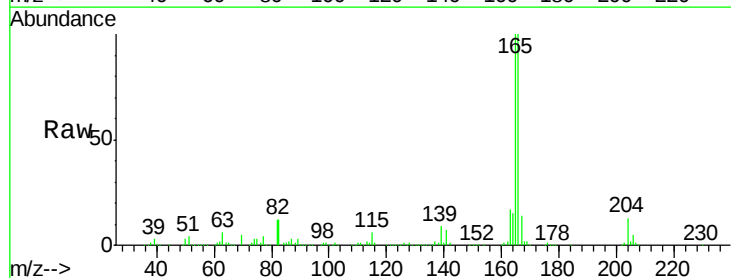
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#58
Fluorene
Concen: 42.228 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	584543		
165	99.5	81.7	122.5	
167	14.2	11.9	17.9	





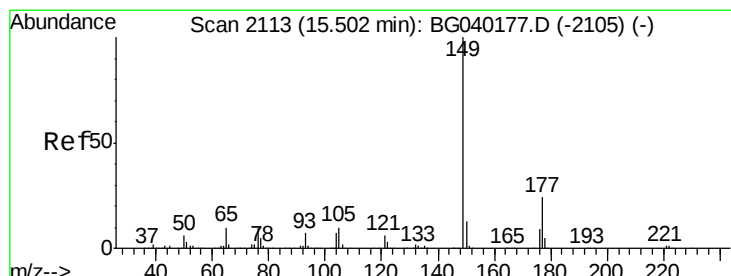
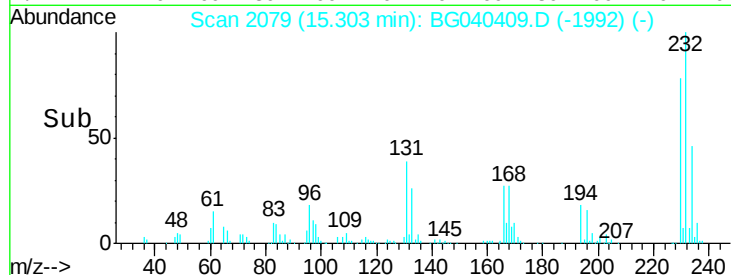
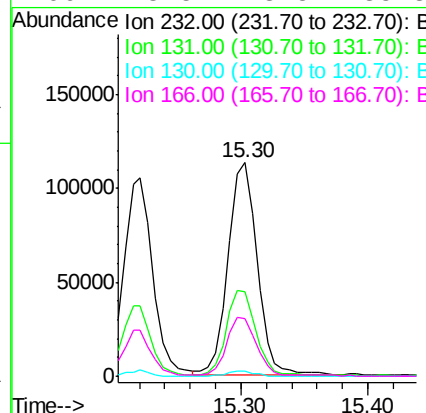
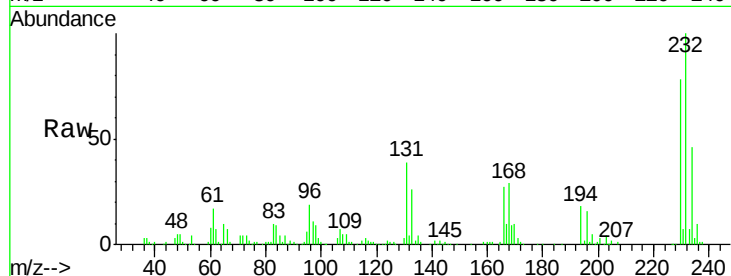
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.831 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	180400		
131	40.6	32.9	49.3	
130	2.3	1.8	2.8	
166	28.5	23.5	35.3	

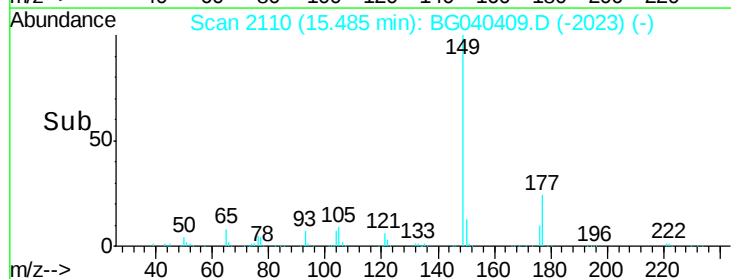
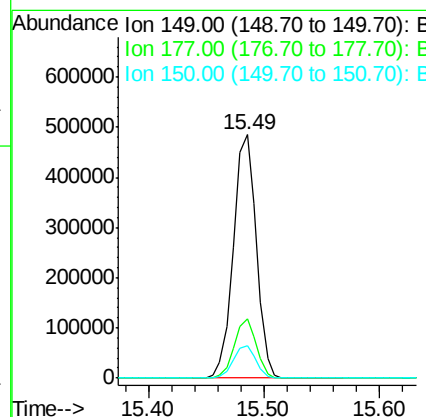
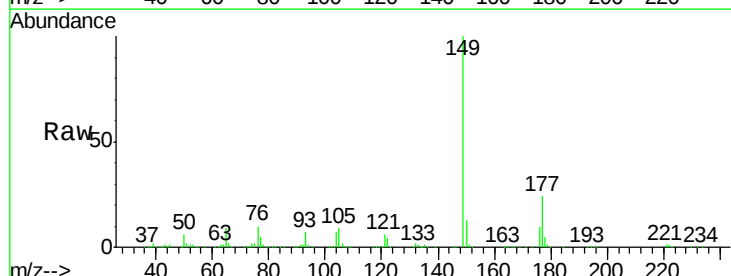
Manual Integrations
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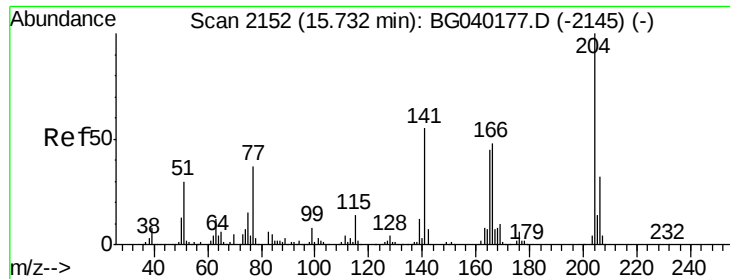
Sohil
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#60
 Diethylphthalate
 Concen: 44.530 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	663633		
177	24.3	19.1	28.7	
150	13.1	10.6	15.8	





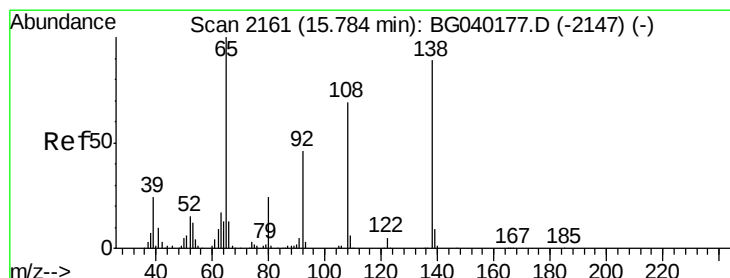
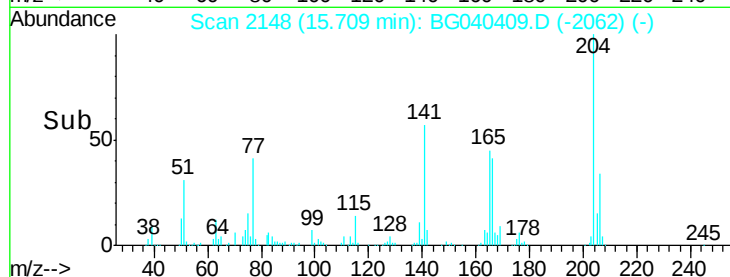
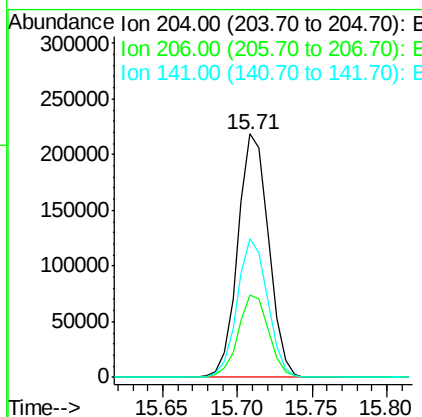
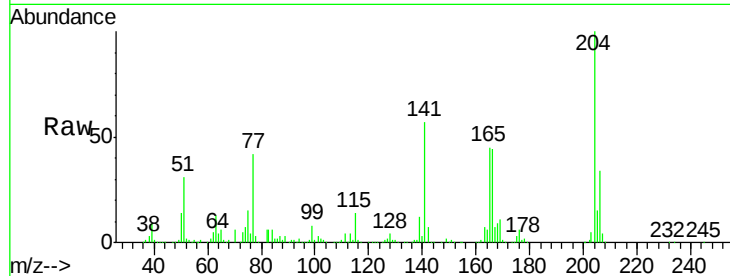
#61
 4-Chlorophenyl-phenylether
 Concen: 42.278 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	56.7	44.0	66.0

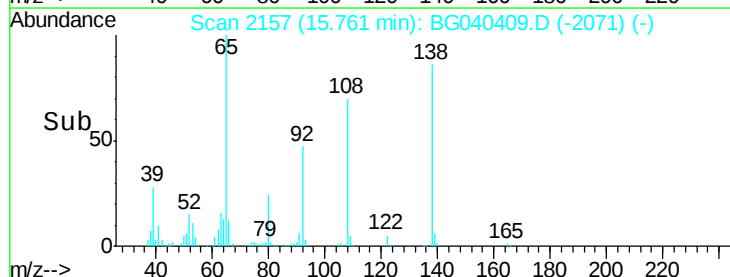
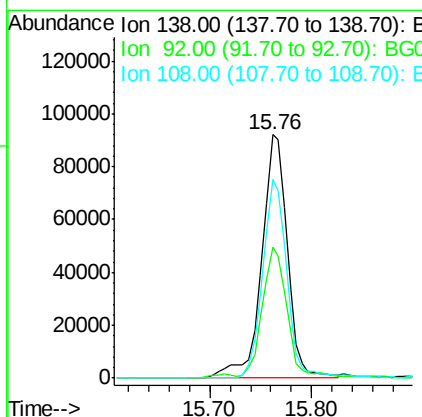
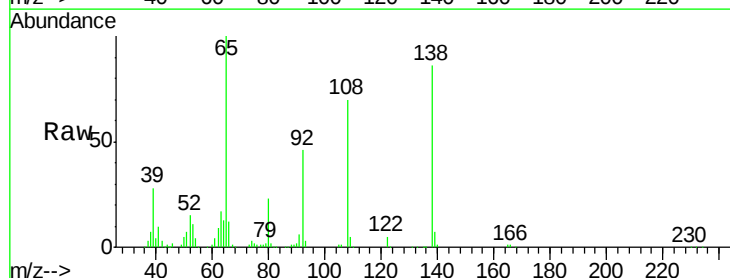
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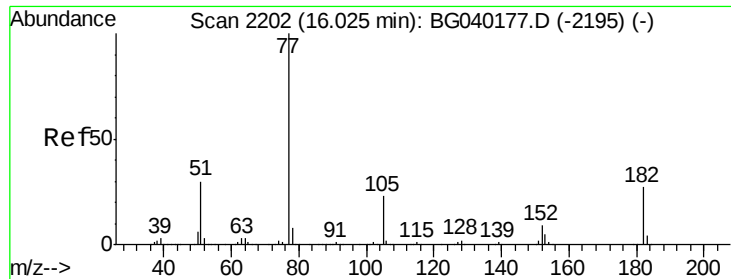
Sohil
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#62
 4-Nitroaniline
 Concen: 43.789 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	31.8	71.8
108	81.9	57.2	97.2





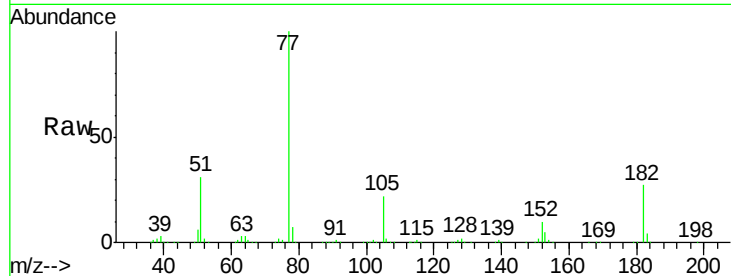
#63
Azobenzene
Concen: 42.725 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

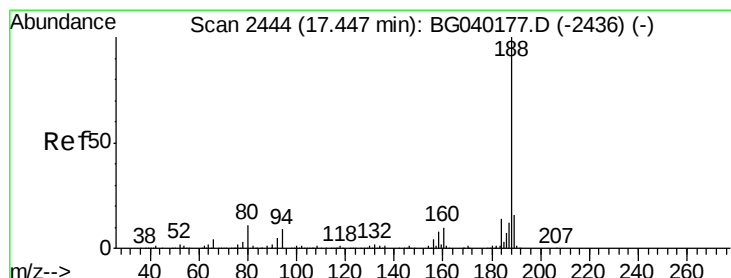
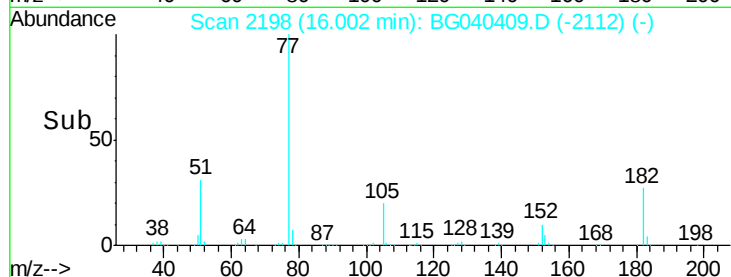
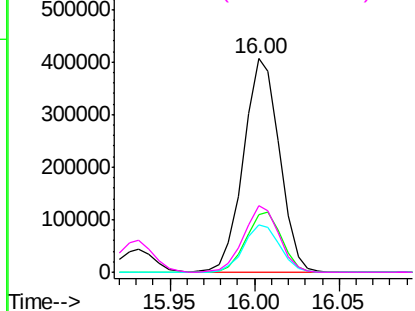
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.2	47.2
105	22.4	2.8	42.8
51	31.1	10.4	50.4

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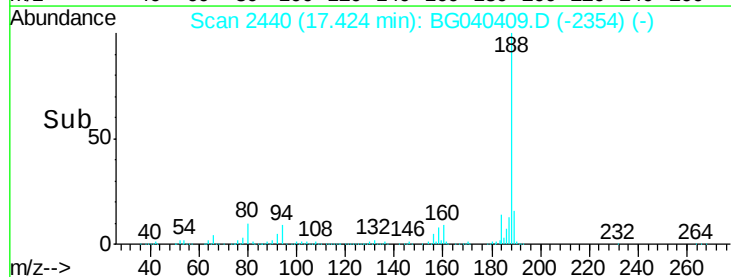
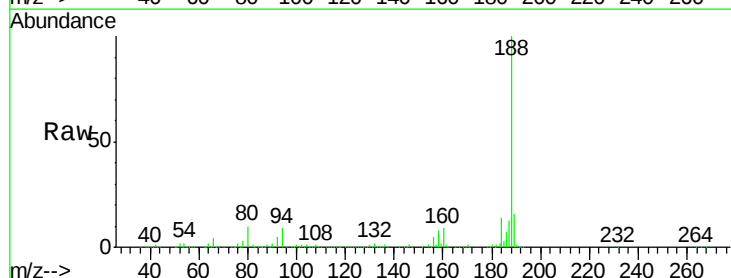
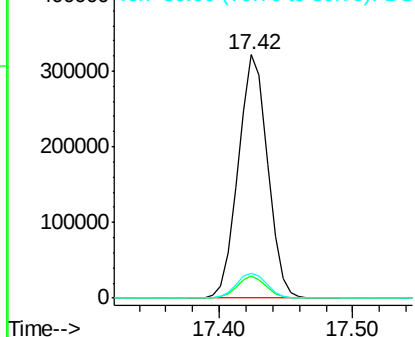
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

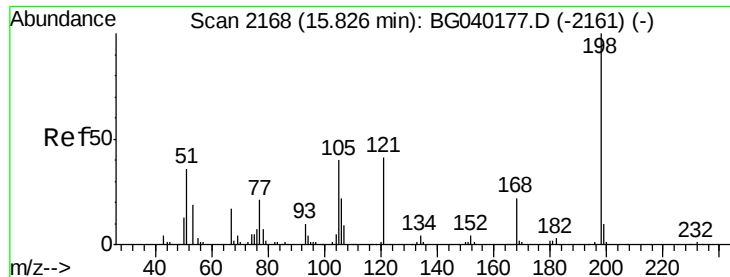


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.4	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: 38.891 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

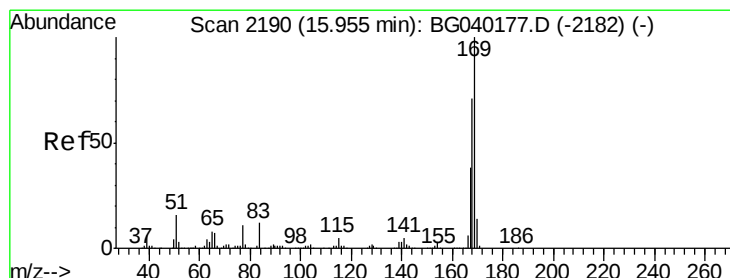
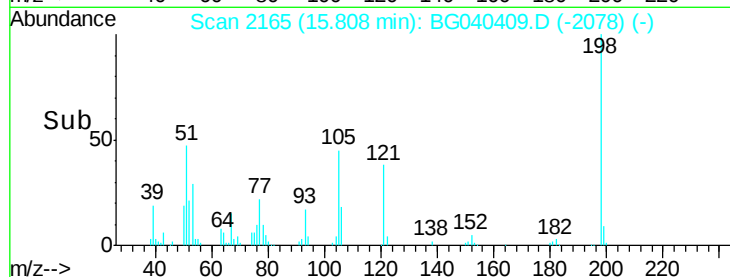
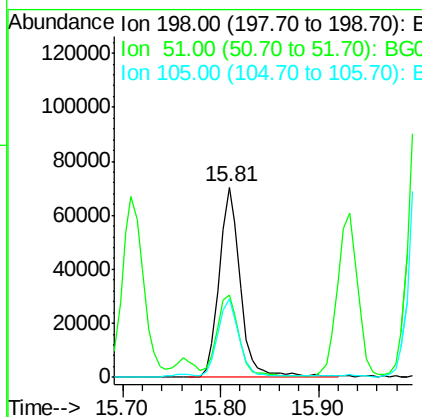
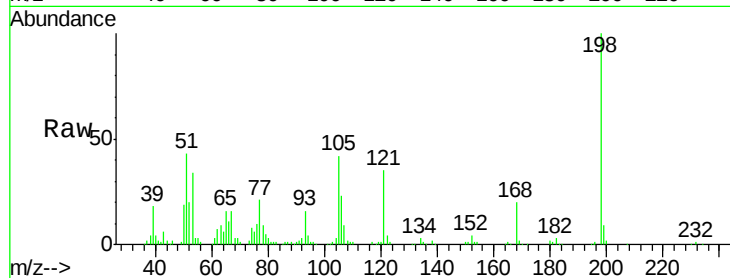
ClientSampleId :

PB118723BS

Tgt Ion:	198	Resp:	106791
Ion Ratio	Lower	Upper	
198	100		
51	43.4	27.3	67.3
105	41.6	21.7	61.7

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#66

n-Nitrosodiphenylamine

Concen: 39.558 ng

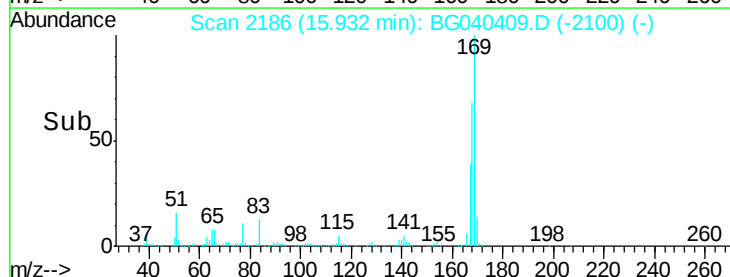
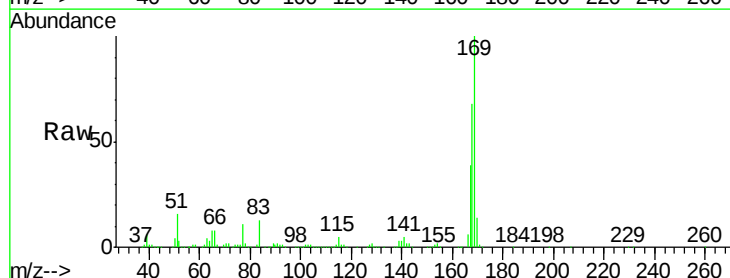
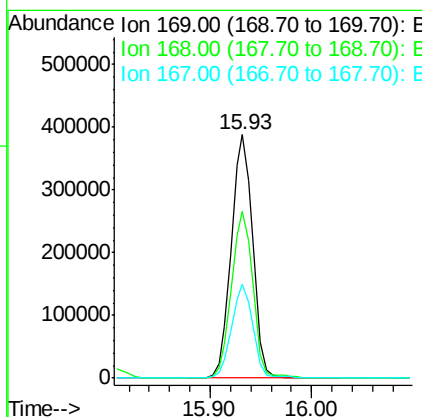
RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	169	Resp:	565770
Ion Ratio	Lower	Upper	
169	100		
168	68.3	56.8	85.2
167	38.8	30.2	45.4





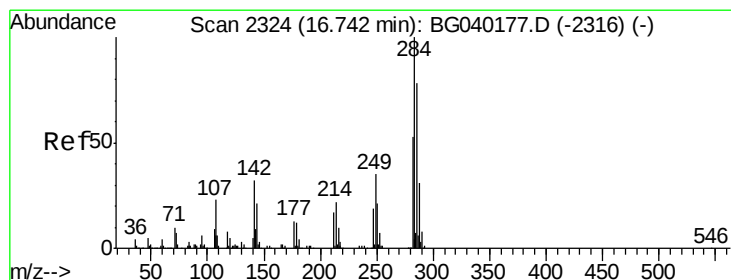
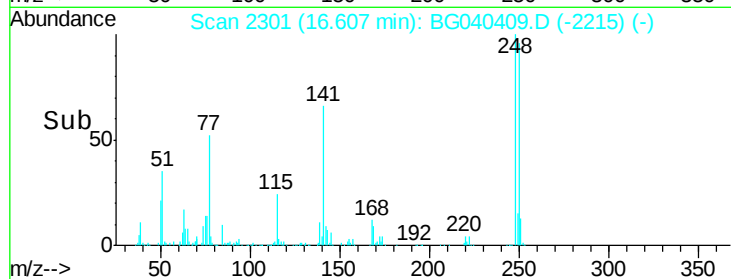
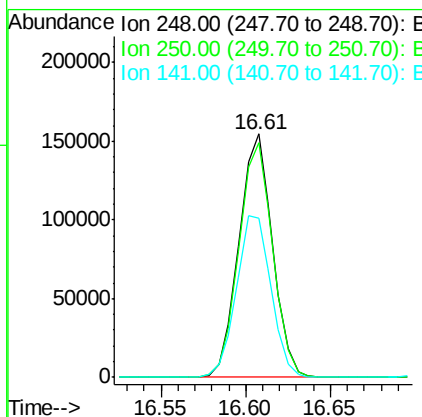
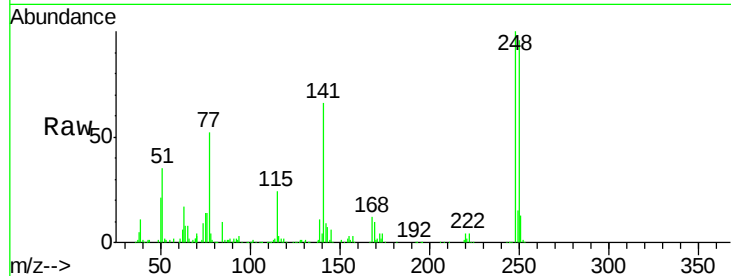
#67
 4-Bromophenyl-phenylether
 Concen: 38.808 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	213450		
250	96.2	76.4	114.6	
141	65.5	53.8	80.8	

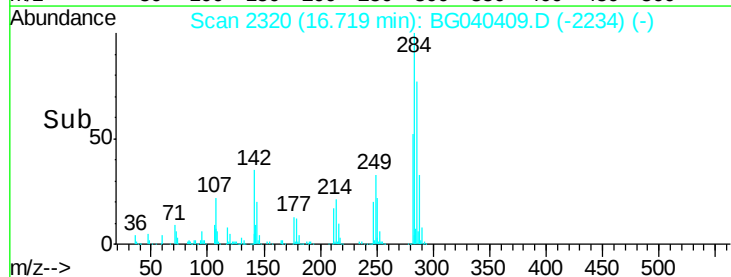
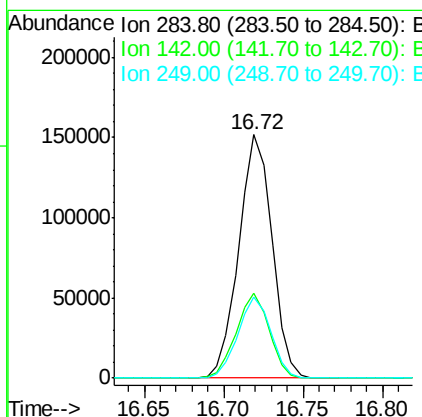
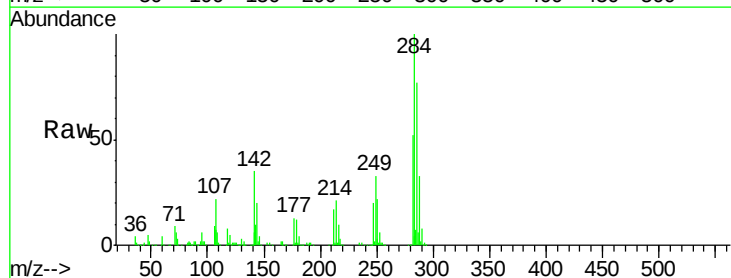
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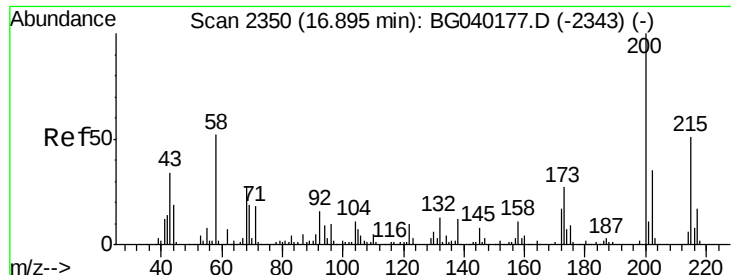
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#68
 Hexachlorobenzene
 Concen: 39.906 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	220683		
142	35.1	25.3	37.9	
249	33.1	28.2	42.2	





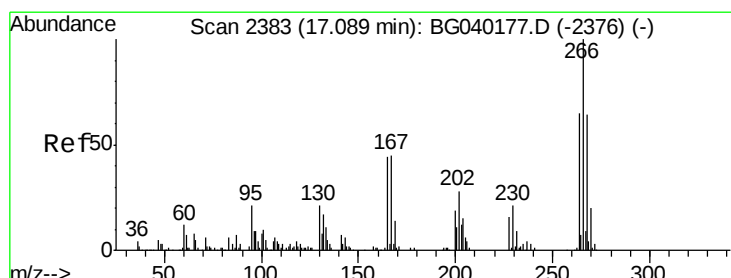
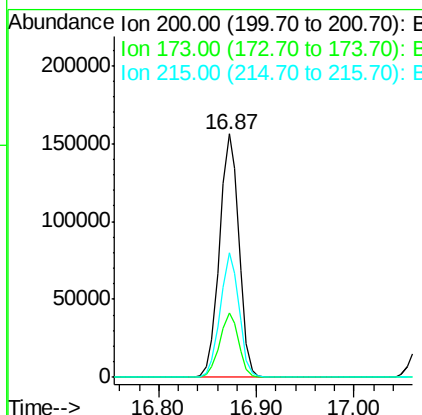
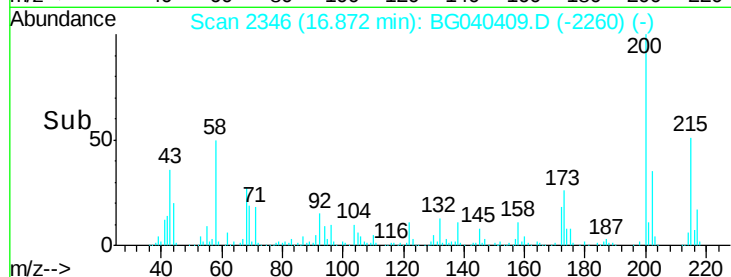
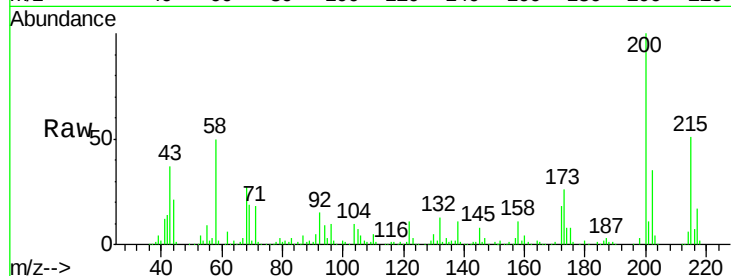
#69
 Atrazine
 Concen: 40.558 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	7.1	47.1
215	51.0	30.9	70.9

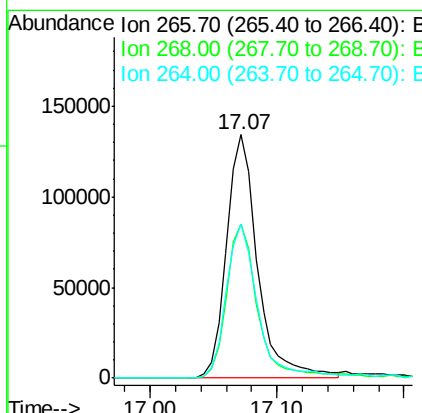
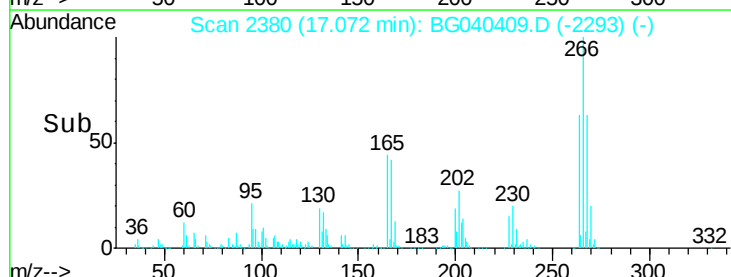
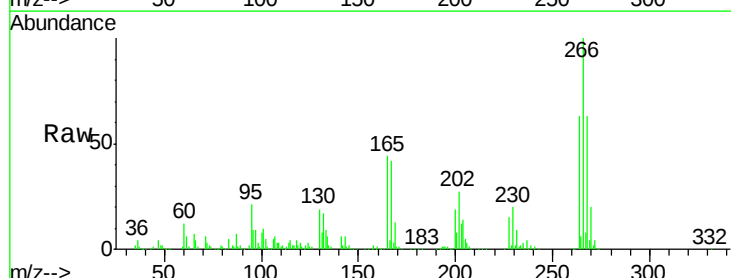
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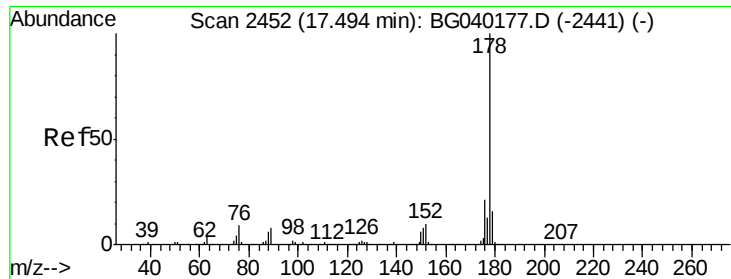
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#70
 Pentachlorophenol
 Concen: 71.349 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	55.0	82.4
264	63.4	51.8	77.8





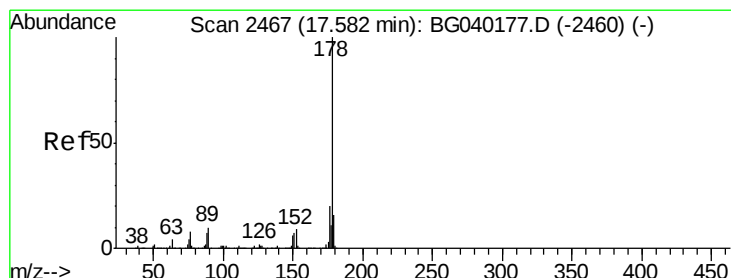
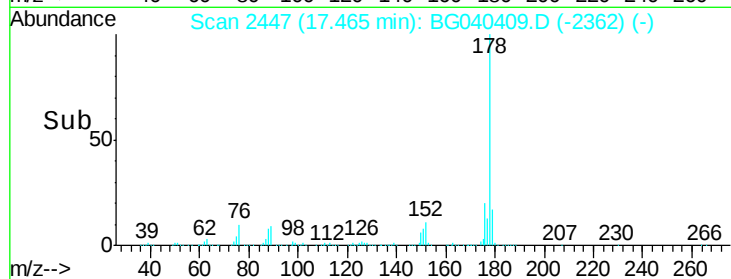
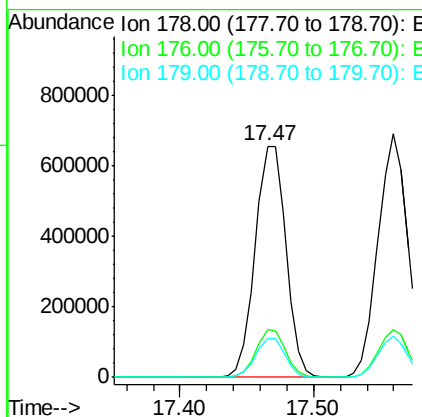
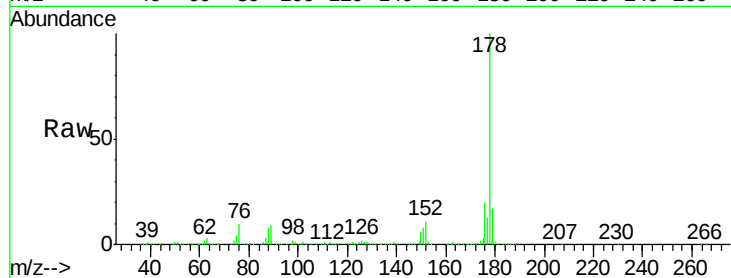
#71
Phenanthrene
Concen: 40.535 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion:178 Resp: 1041317
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 16.6 12.8 19.2

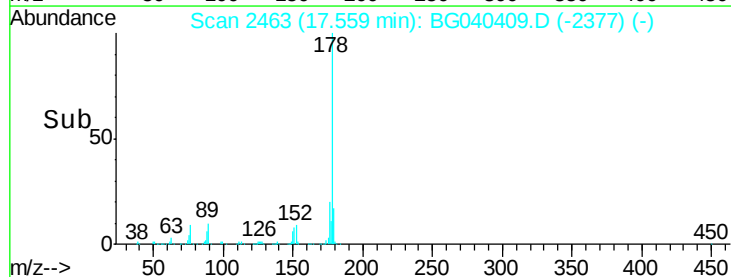
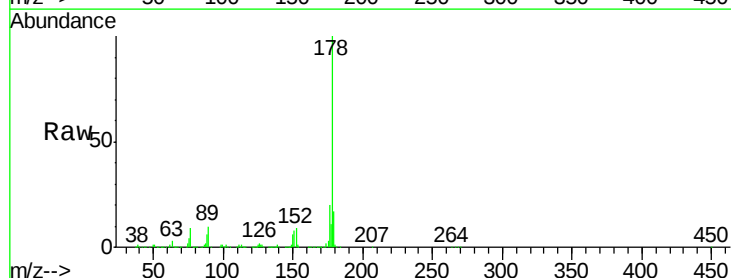
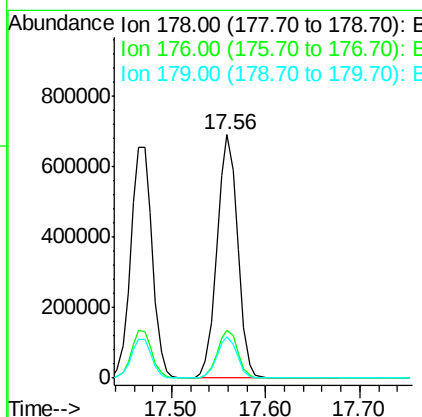
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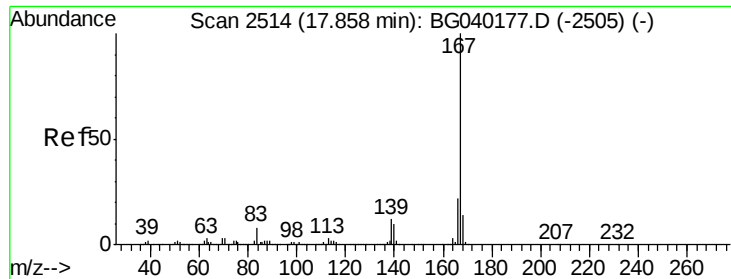
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#72
Anthracene
Concen: 41.248 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion:178 Resp: 1060615
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.9 12.9 19.3





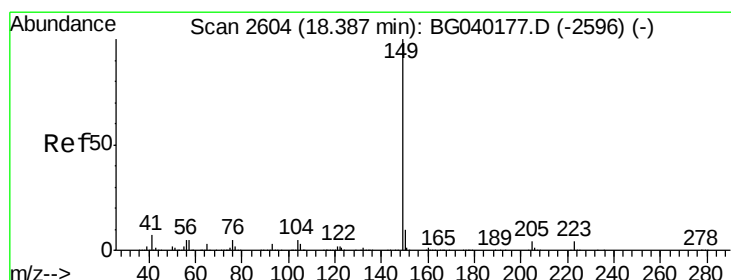
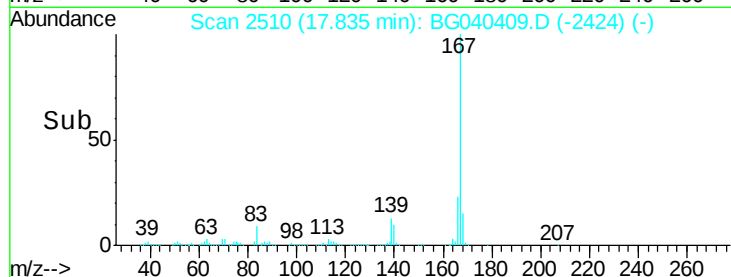
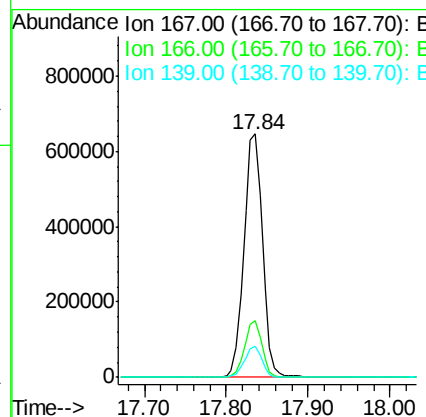
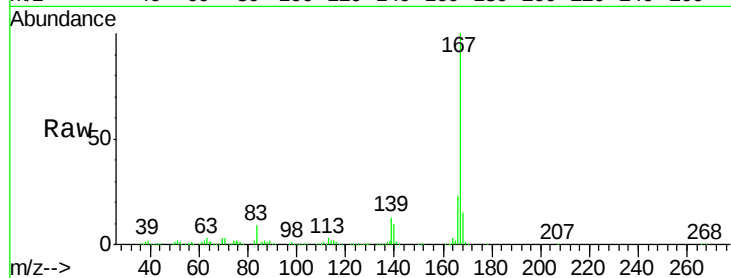
#73
 Carbazole
 Concen: 42.016 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion:167 Resp: 1022456
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.5 26.3
 139 12.8 10.0 15.0

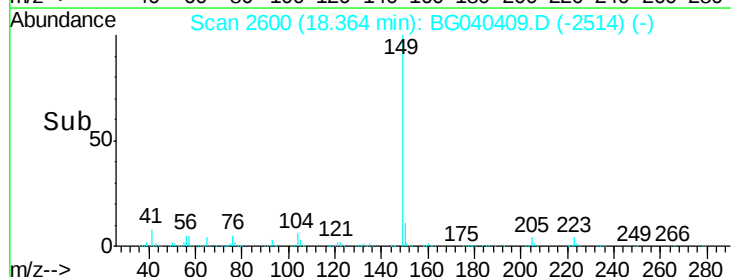
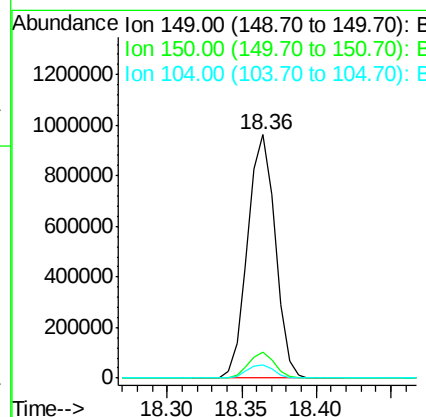
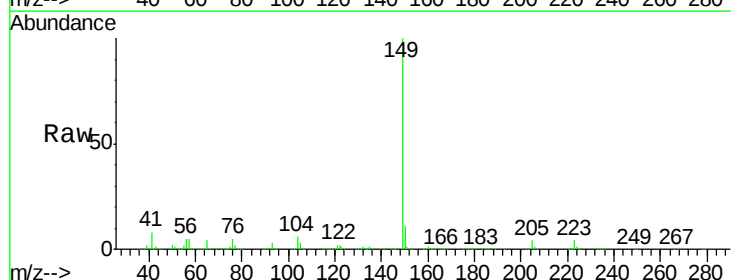
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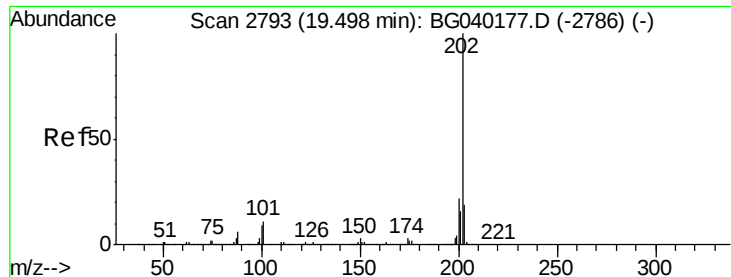
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#74
 Di-n-butylphthalate
 Concen: 42.768 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion:149 Resp: 1233648
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.9 11.9
 104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 42.866 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

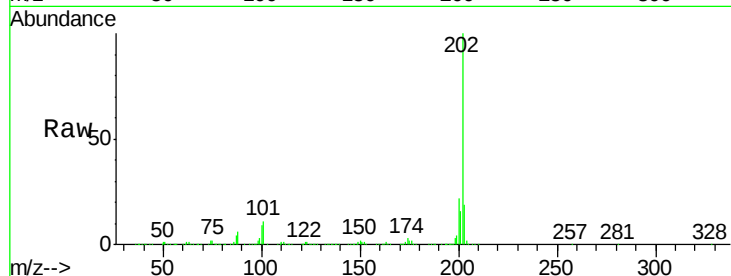
ClientSampleId :

PB118723BS

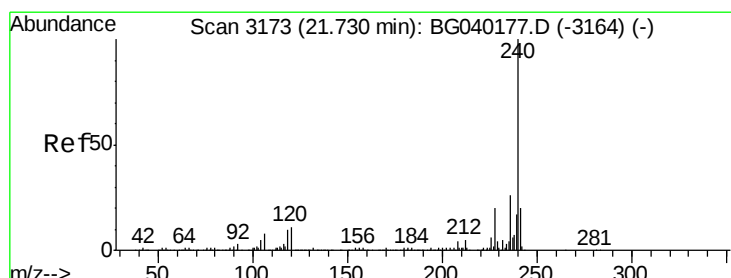
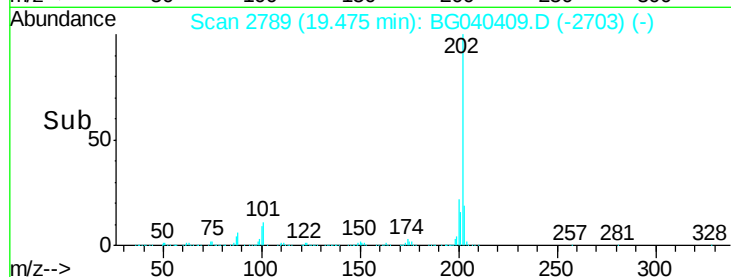
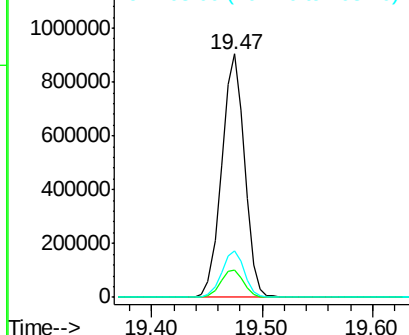
Tgt Ion:	202	Resp:	1303959
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.8
203	19.2	0.0	38.9

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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

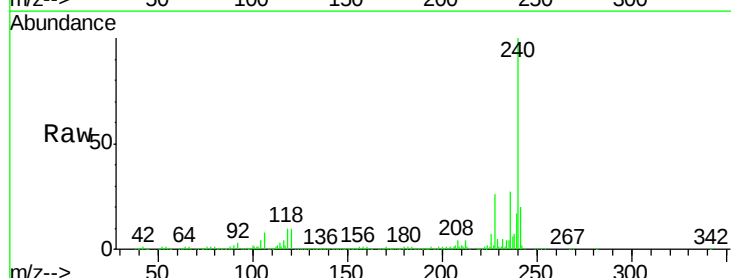
RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

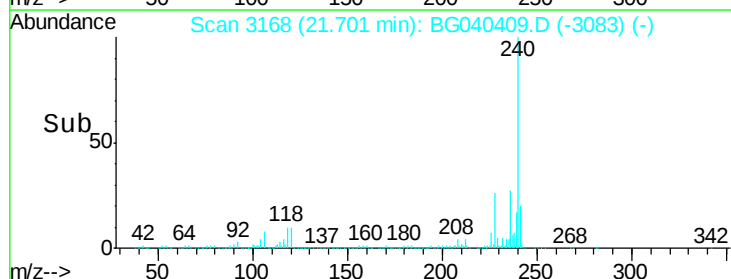
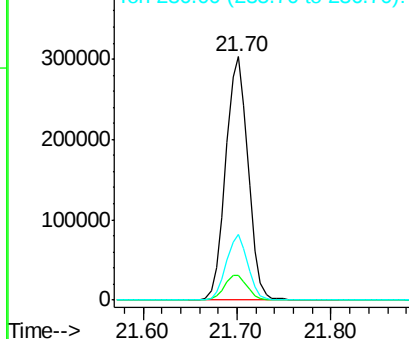
Lab File: BG040409.D

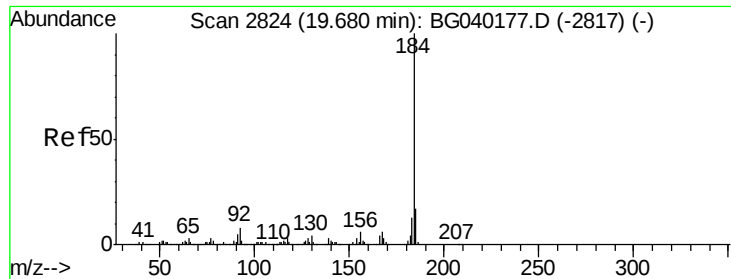
Acq: 9 Apr 2019 21:47

Tgt Ion:	240	Resp:	500319
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.4	12.6
236	26.9	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: 25.183 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

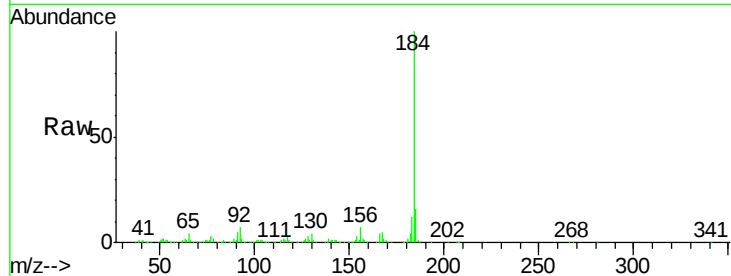
ClientSampleId :

PB118723BS

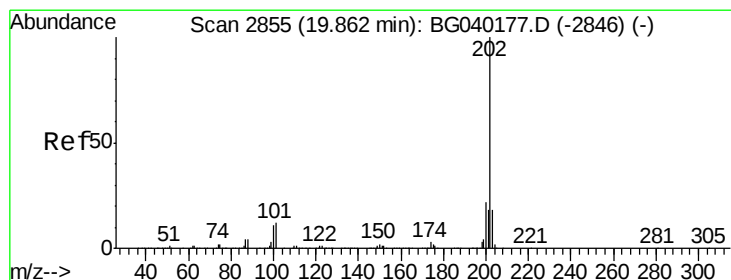
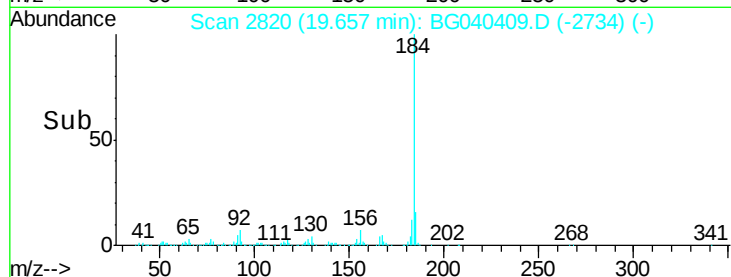
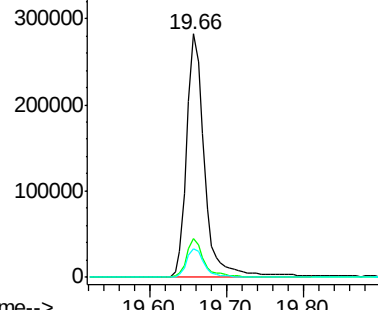
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	454989		
185	16.1		13.3	19.9
183	11.6		10.3	15.5

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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: 38.949 ng

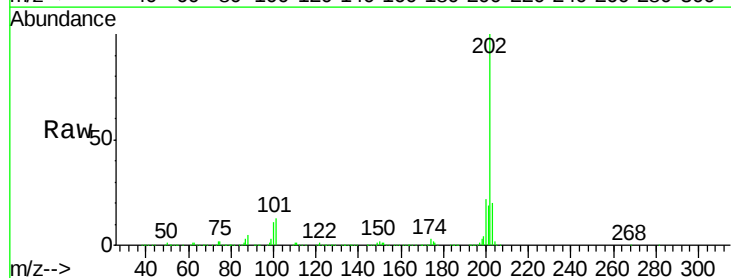
RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

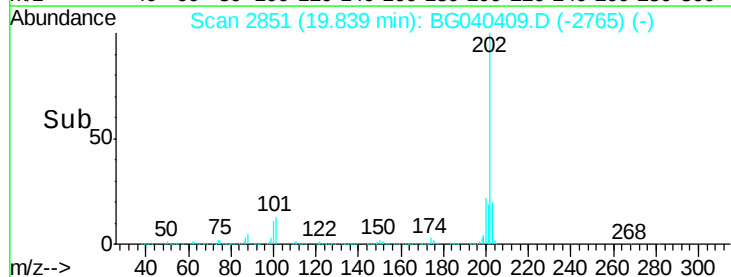
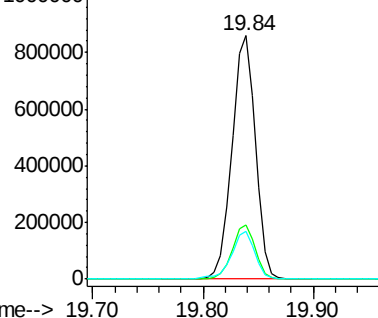
Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1281487		
200	22.5		17.3	25.9
203	19.7		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





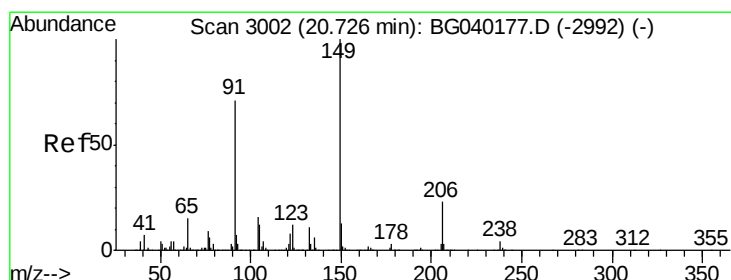
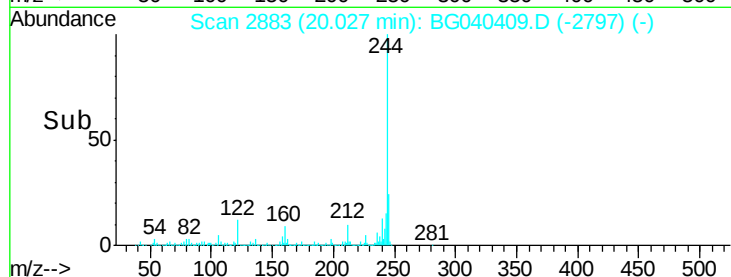
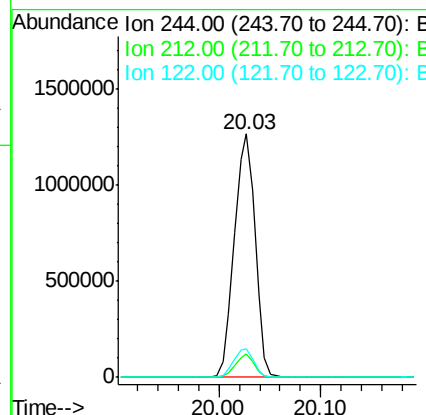
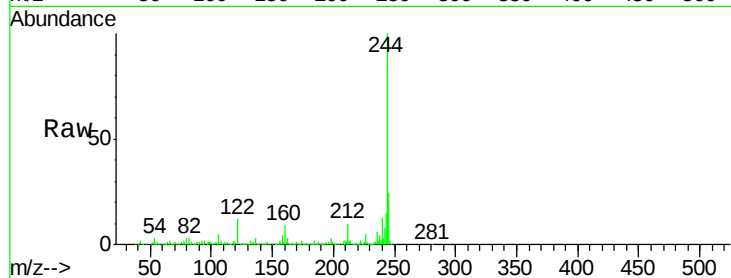
#79
 Terphenyl-d14
 Concen: 81.209 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118723BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.6
122	11.9	8.5	12.7

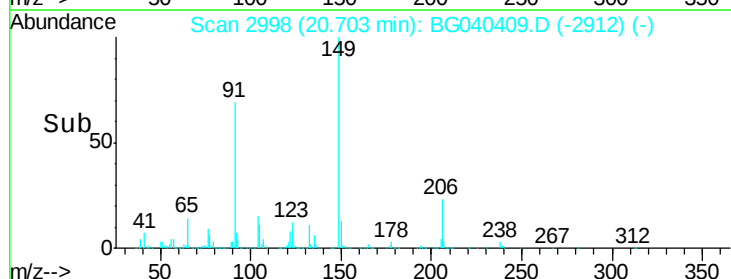
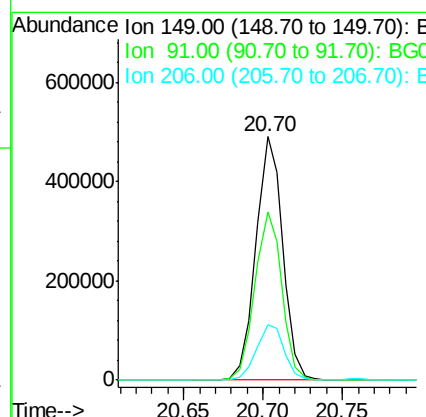
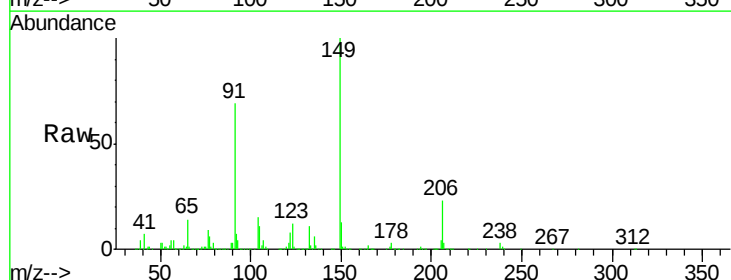
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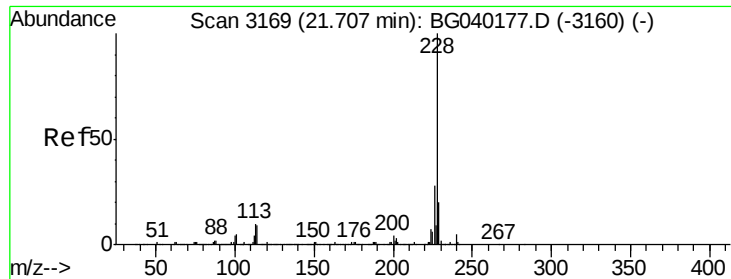
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#80
 Butylbenzylphthalate
 Concen: 41.143 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BG040409.D
 Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.0	85.4
206	23.0	18.2	27.4





#81

Benzo(a)anthracene

Concen: 38.555 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

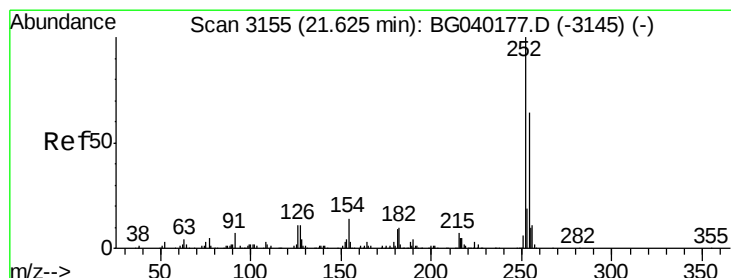
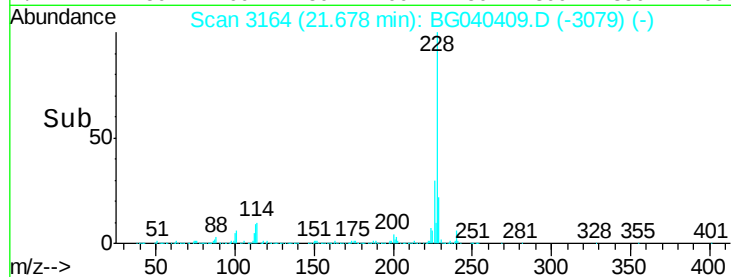
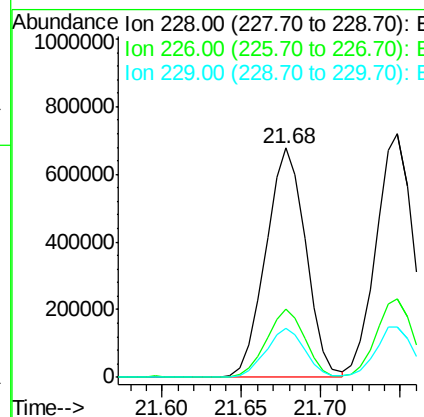
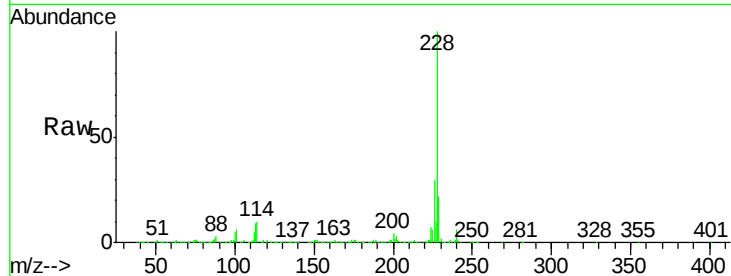
ClientSampleId :

PB118723BS

Tgt Ion:	228	Resp:	1188140
Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	21.6	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 27.936 ng

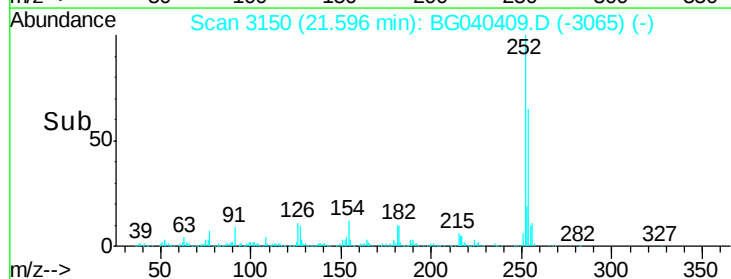
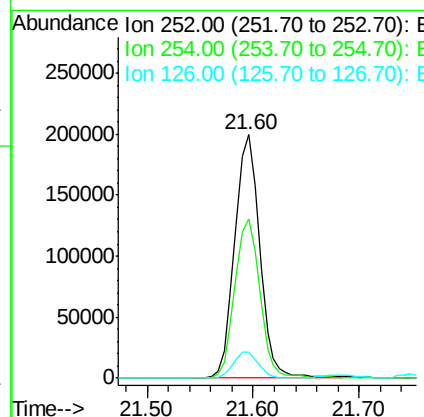
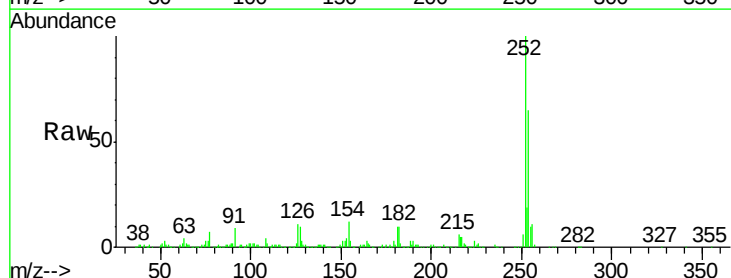
RT: 21.60 min Scan# 3150

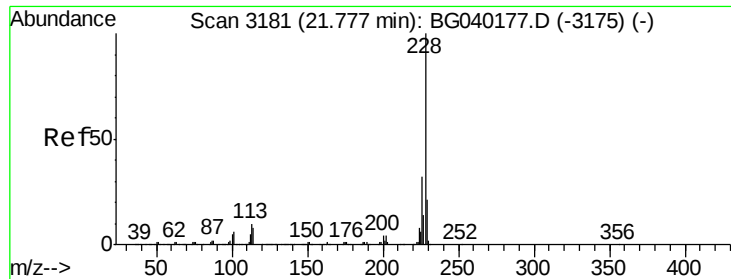
Delta R.T. -0.03 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	252	Resp:	327493
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	10.8	8.5	12.7





#83

Chrysene

Concen: 39.712 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.03 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

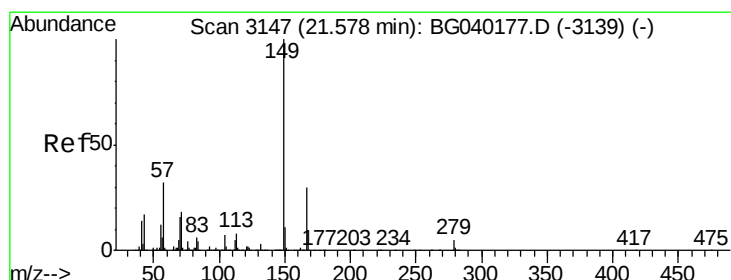
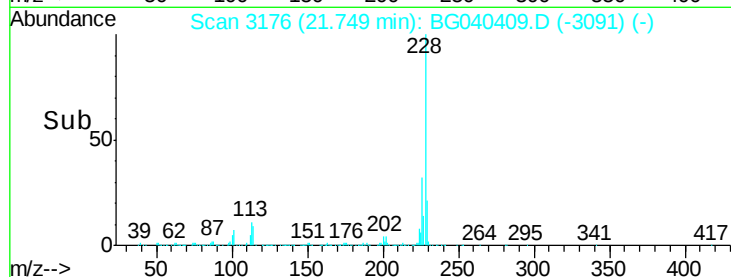
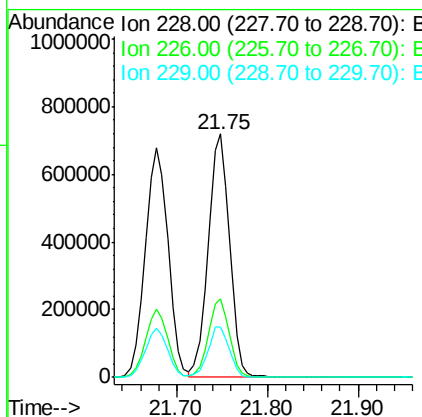
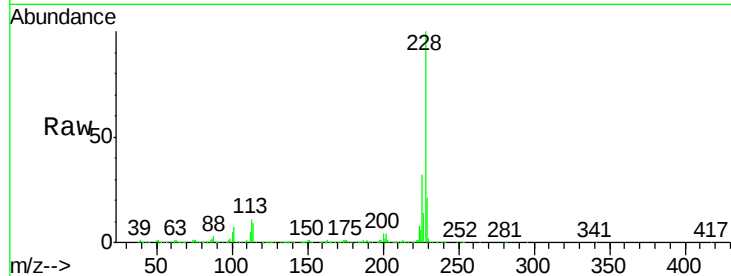
ClientSampleId :

PB118723BS

Tgt Ion:	228	Resp:	1176150
Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.8	17.0	25.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.688 ng

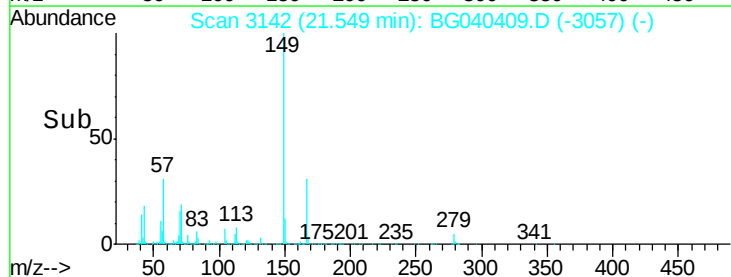
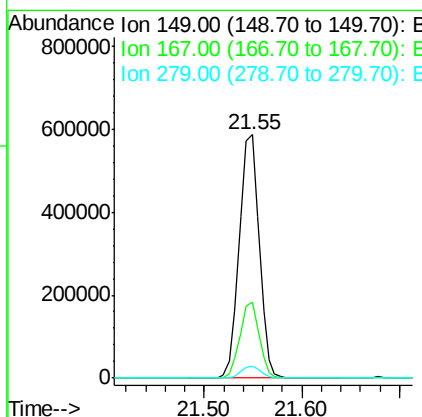
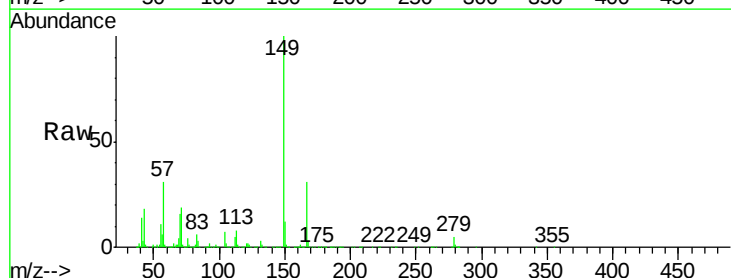
RT: 21.55 min Scan# 3142

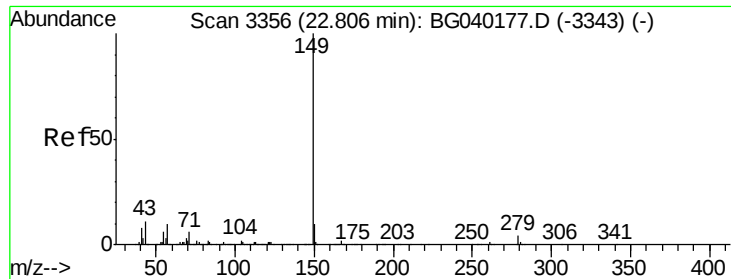
Delta R.T. -0.03 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	149	Resp:	838991
Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.1	36.1
279	4.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 41.508 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

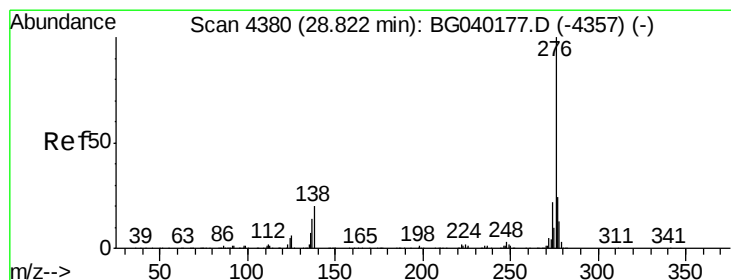
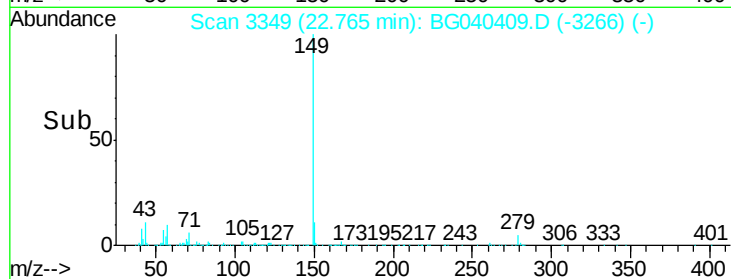
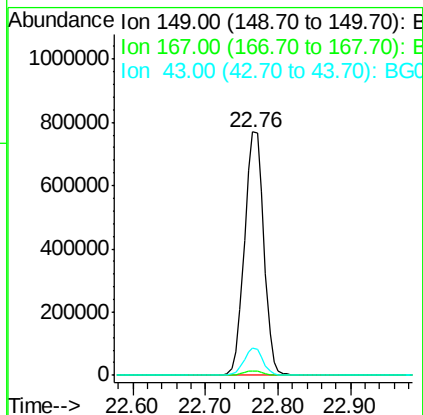
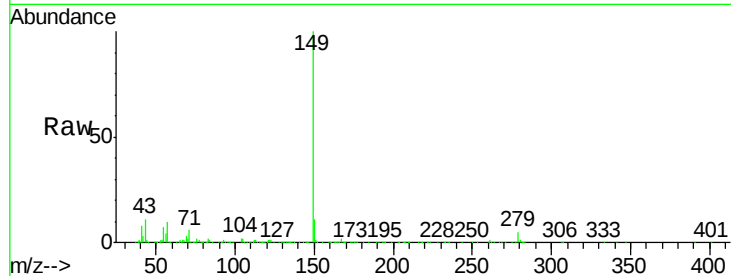
ClientSampleId :

PB118723BS

Tgt Ion:	149	Resp:	1423268
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.7	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.575 ng

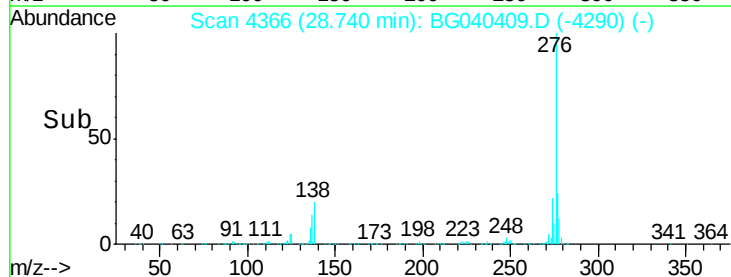
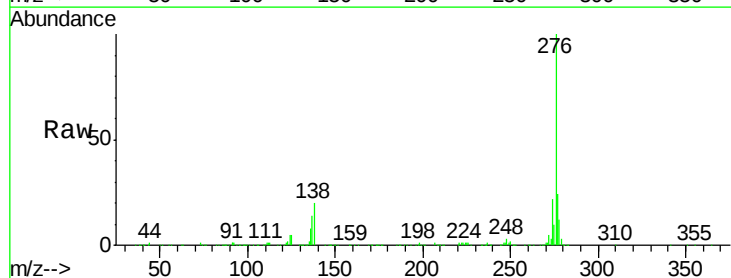
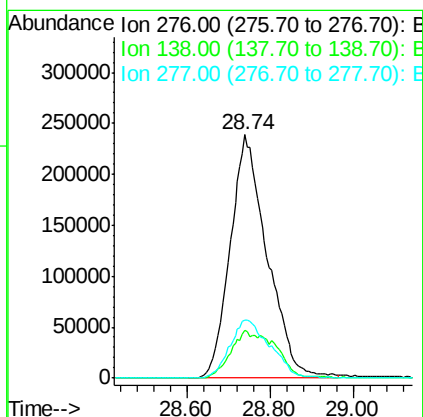
RT: 28.74 min Scan# 4366

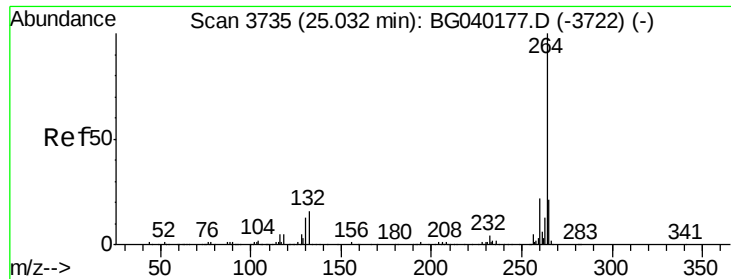
Delta R.T. -0.08 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	276	Resp:	1469775
Ion Ratio	Lower	Upper	
276	100		
138	23.4	18.8	28.2
277	26.0	21.0	31.4





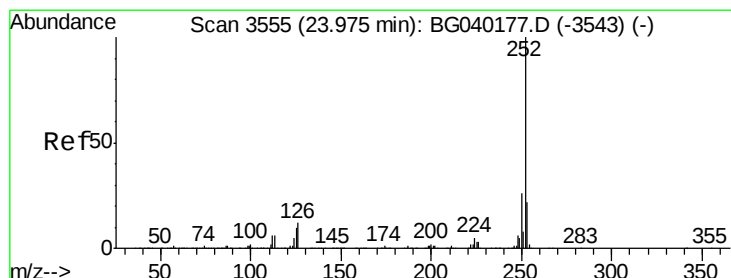
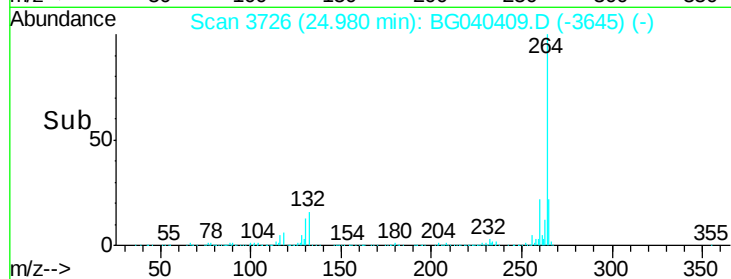
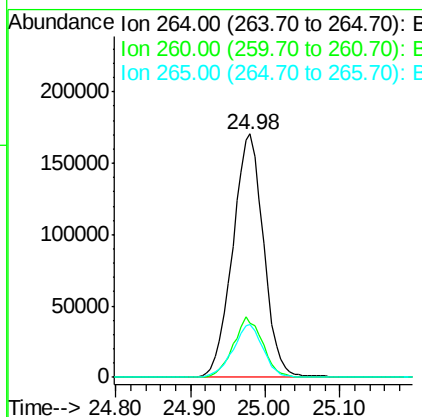
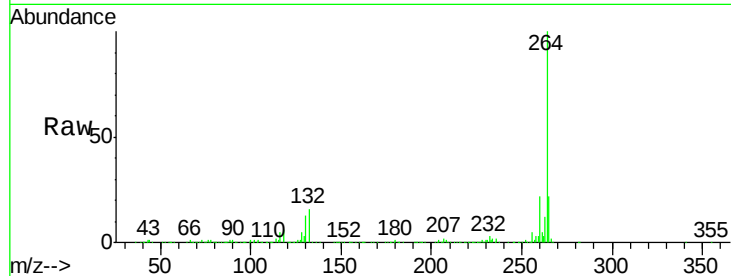
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.05 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	489395		
260	22.5	17.9	26.9	
265	21.6	16.8	25.2	

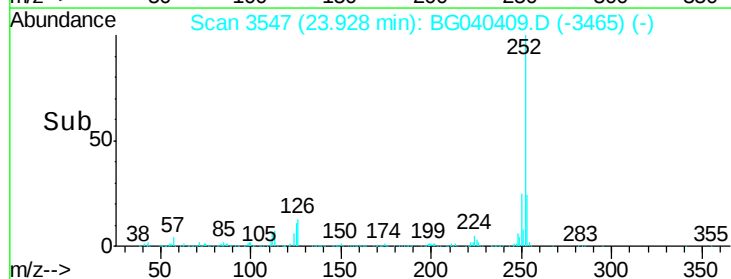
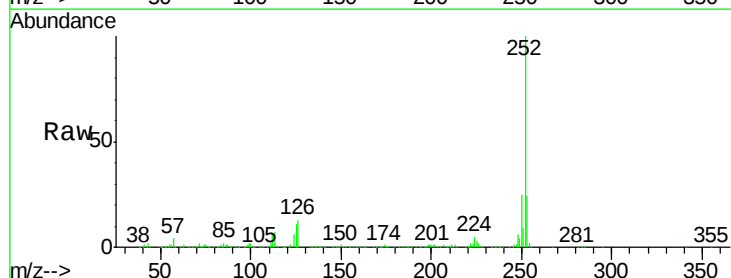
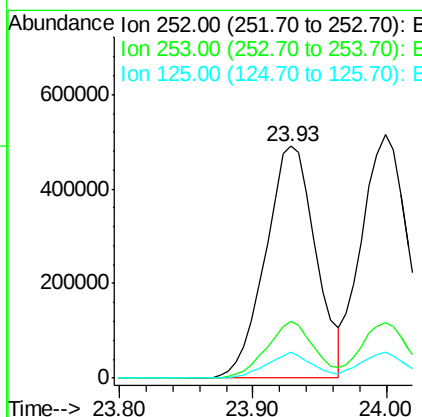
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#88
Benzo(b)fluoranthene
Concen: 42.795 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.05 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1282245		
253	24.3	17.6	26.4	
125	11.1	8.2	12.4	





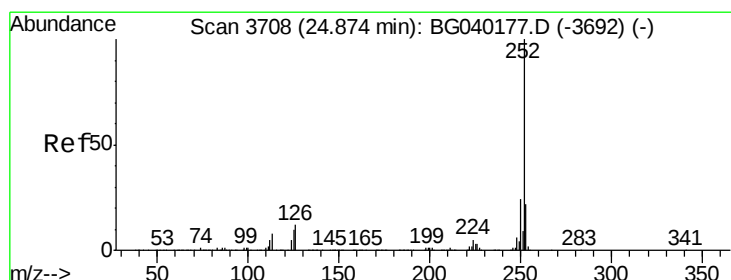
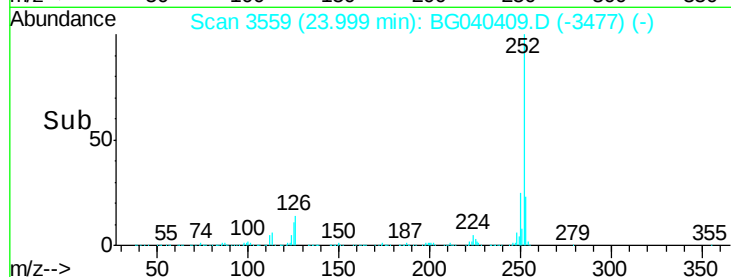
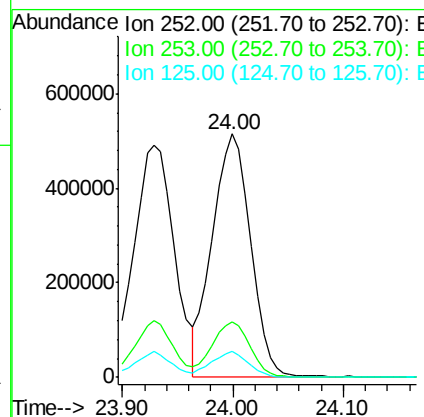
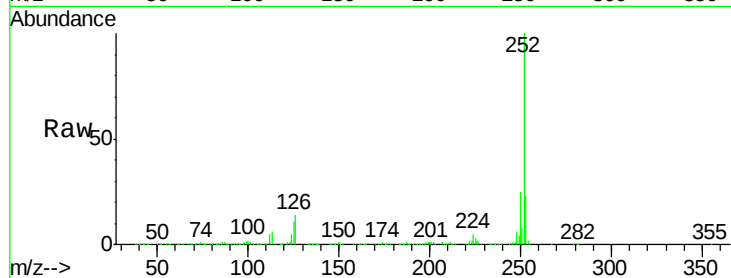
#89
Benzo(k)fluoranthene
Concen: 44.707 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.05 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
PB118723BS

Tgt Ion:252 Resp: 1231869
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 10.7 7.3 10.9

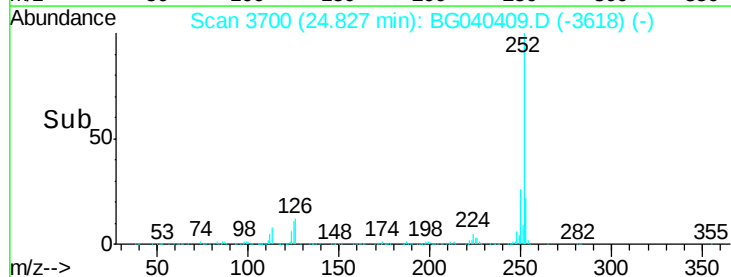
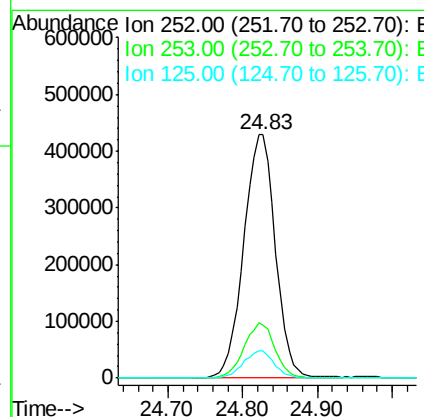
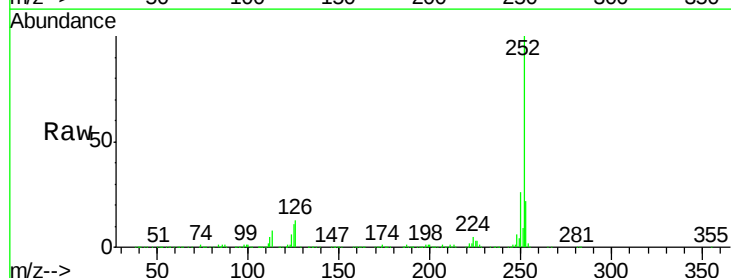
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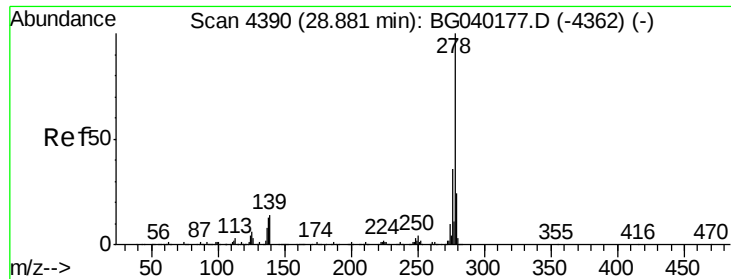
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#90
Benzo(a)pyrene
Concen: 44.939 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.05 min
Lab File: BG040409.D
Acq: 9 Apr 2019 21:47

Tgt Ion:252 Resp: 1263367
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.186 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.08 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Instrument :

BNA_G

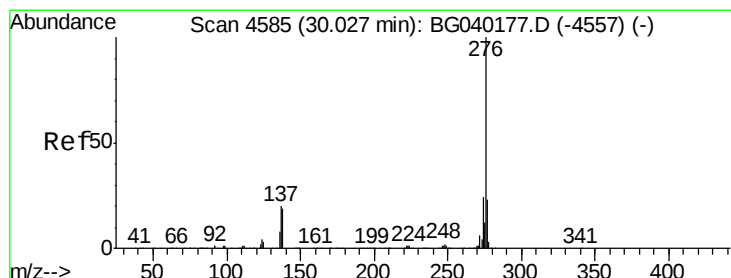
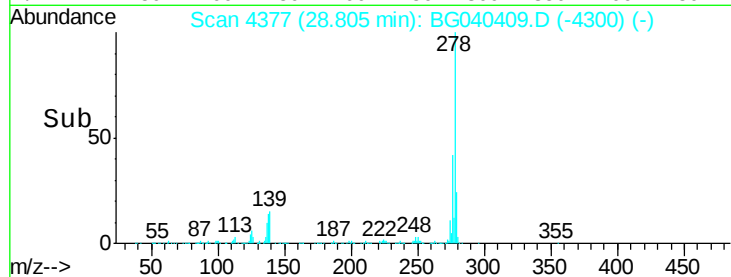
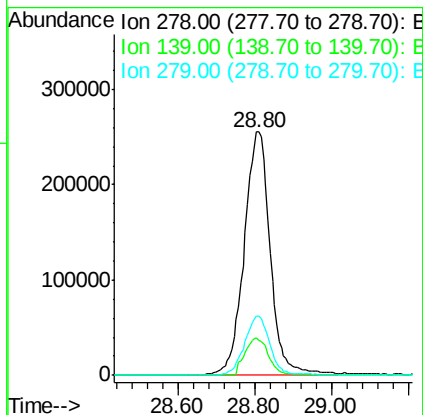
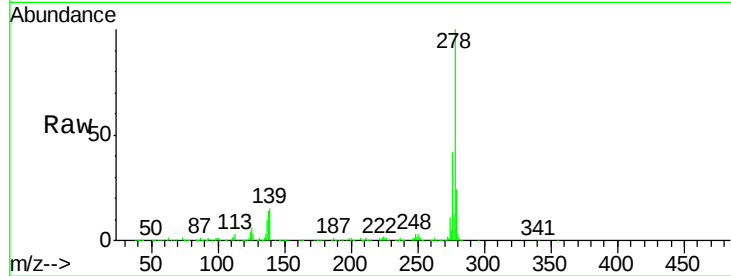
ClientSampleId :

PB118723BS

Tgt Ion:	278	Resp:	1205914
Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.2	16.8
279	24.2	18.9	28.3

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 45.105 ng

RT: 29.94 min Scan# 4571

Delta R.T. -0.08 min

Lab File: BG040409.D

Acq: 9 Apr 2019 21:47

Tgt Ion:	276	Resp:	1210310
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	19.7	15.2	22.8

