

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040269.D
 Acq On : 1 Apr 2019 17:38
 Operator : JU/SJ
 Sample : PB118456BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Manual Integrations
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Sohil
 4/2/2019 4:00:18 PM

Quant Time: Apr 02 02:48:36 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	47085	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	204464	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	142921	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	402426	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	405217	20.00	ng	-0.02
87) Perylene-d12	25.04	264	406469	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	404133	142.69	ng	-0.01
7) Phenol-d6	7.21	99	554082	141.55	ng	-0.02
23) Nitrobenzene-d5	9.23	82	330247	85.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	252521	163.49	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	808747	83.85	ng	-0.02
79) Terphenyl-d14	20.03	244	1496202	83.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	52500	39.420	ng	98
3) Pyridine	3.90	79	141033	39.331	ng	96
4) n-Nitrosodimethylamine	3.82	42	58859	35.485	ng	90
6) Aniline	7.38	93	154149	30.311	ng	99
8) 2-Chlorophenol	7.62	128	140195	42.285	ng	96
9) Benzaldehyde	7.19	77	98000	36.499	ng	97
10) Phenol	7.24	94	187211	44.063	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	132154	38.835	ng	98
12) 1,3-Dichlorobenzene	7.94	146	139634	38.742	ng	96
13) 1,4-Dichlorobenzene	8.09	146	141699	39.474	ng	96
14) 1,2-Dichlorobenzene	8.41	146	138104	40.231	ng	99
15) Benzyl Alcohol	8.29	79	126331	40.075	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	241686	37.007	ng	99
17) 2-Methylphenol	8.49	107	128964	43.866	ng	98
18) Hexachloroethane	9.13	117	51076	37.406	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	105373	37.546	ng	96
20) 3+4-Methylphenols	8.82	107	176926	44.422	ng	99
22) Acetophenone	8.88	105	205436	40.279	ng	# 97
24) Nitrobenzene	9.27	77	154482	38.782	ng	100
25) Isophorone	9.79	82	309565	39.112	ng	97
26) 2-Nitrophenol	9.98	139	78056	41.355	ng	97
27) 2,4-Dimethylphenol	10.03	122	149524	49.873	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	189670	40.505	ng	98
29) 2,4-Dichlorophenol	10.51	162	147616	45.361	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	145326	40.670	ng	97
31) Naphthalene	10.92	128	433769	41.389	ng	99
32) Benzoic acid	10.14	122	37237m	20.557	ng	
33) 4-Chloroaniline	11.03	127	106133	23.741	ng	96
34) Hexachlorobutadiene	11.18	225	87572	38.320	ng	97
35) Caprolactam	11.82	113	64930m	50.278	ng	
36) 4-Chloro-3-methylphenol	12.14	107	177559	47.461	ng	99
37) 2-Methylnaphthalene	12.52	142	334375	43.139	ng	100
38) 1-Methylnaphthalene	12.74	142	320983	42.706	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	169887	37.399	ng	98

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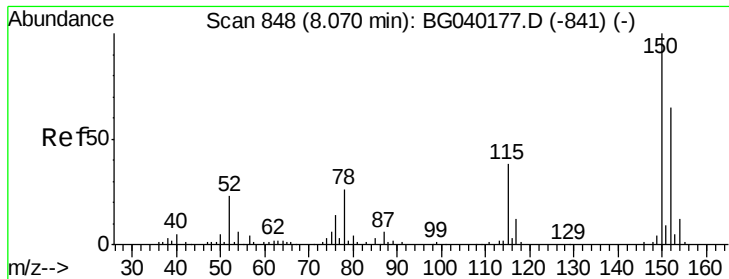
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	208341	83.531	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	128356	43.827	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	144108	45.143	ng	97
46) 1,1'-Biphenyl	13.52	154	438688	38.847	ng	99
47) 2-Chloronaphthalene	13.56	162	347861	40.159	ng	99
48) 2-Nitroaniline	13.78	65	121782	41.680	ng	98
49) Acenaphthylene	14.41	152	593802	40.432	ng	99
50) Dimethylphthalate	14.13	163	479204	42.841	ng	98
51) 2,6-Dinitrotoluene	14.27	165	109542	43.615	ng	96
52) Acenaphthene	14.75	154	346883	41.219	ng	99
53) 3-Nitroaniline	14.60	138	81046	30.485	ng	94
54) 2,4-Dinitrophenol	14.81	184	108570	81.283	ng	89
55) Dibenzofuran	15.08	168	577809	42.729	ng	98
56) 4-Nitrophenol	14.90	139	218240	101.711	ng	98
57) 2,4-Dinitrotoluene	15.05	165	169024	48.433	ng	98
58) Fluorene	15.73	166	466261	43.856	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	147772	51.012	ng	97
60) Diethylphthalate	15.49	149	524832	45.852	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	248842	43.787	ng	98
62) 4-Nitroaniline	15.77	138	137404	48.160	ng	96
63) Azobenzene	16.01	77	465934	43.155	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	91006	40.252	ng	95
66) n-Nitrosodiphenylamine	15.94	169	455890	38.713	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	173427	38.295	ng	96
68) Hexachlorobenzene	16.72	284	182600	40.102	ng	97
69) Atrazine	16.88	200	165470	37.773	ng	96
70) Pentachlorophenol	17.08	266	203372	77.254	ng	96
71) Phenanthrene	17.48	178	867579	41.016	ng	99
72) Anthracene	17.57	178	891709	42.118	ng	99
73) Carbazole	17.84	167	833904	41.619	ng	99
74) Di-n-butylphthalate	18.37	149	987315	41.570	ng	100
75) Fluoranthene	19.48	202	1051028	41.962	ng	100
77) Benzidine	19.66	184	467505	31.949	ng	98
78) Pyrene	19.84	202	1063739	39.919	ng	99
80) Butylbenzylphthalate	20.71	149	457772	40.145	ng	94
81) Benzo(a)anthracene	21.69	228	952356	38.157	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	213083	22.443	ng	98
83) Chrysene	21.76	228	968084	40.358	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	640343	39.285	ng	99
85) Di-n-octyl phthalate	22.80	149	1088463	39.194	ng	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1192958	40.663	ng	# 71
88) Benzo(b)fluoranthene	23.95	252	1051530	42.255	ng	97
89) Benzo(k)fluoranthene	24.03	252	1000218	43.706	ng	97
90) Benzo(a)pyrene	24.88	252	1013324	43.399	ng	100
91) Dibenzo(a,h)anthracene	28.94	278	967412	44.611	ng	97
92) Benzo(g,h,i)perylene	30.14	276	988956	44.375	ng	99

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



#1

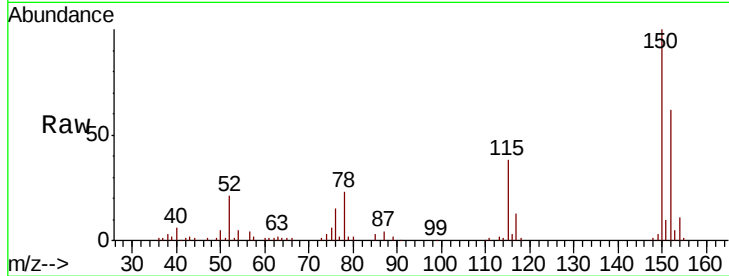
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

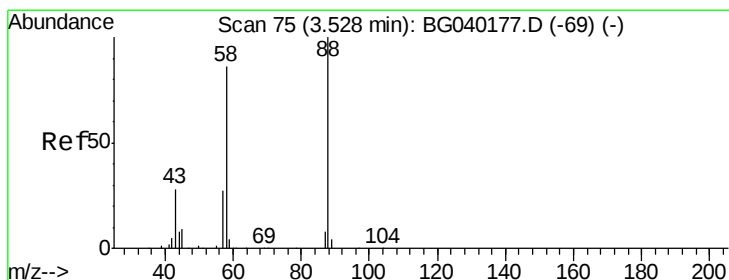
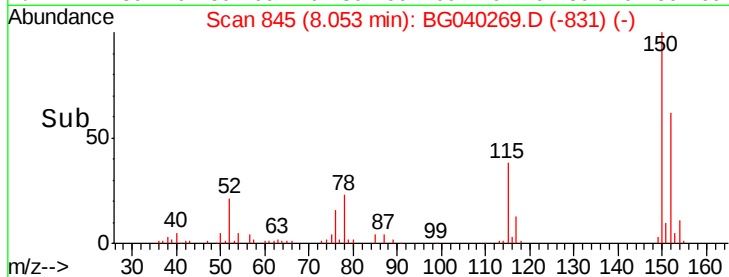
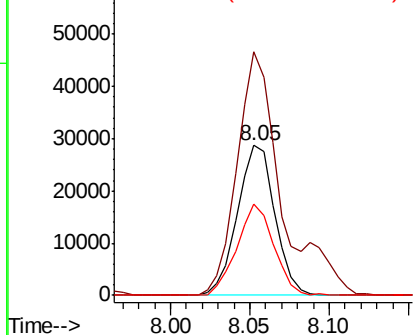
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	123.7	185.5
115	61.0	46.9	70.3

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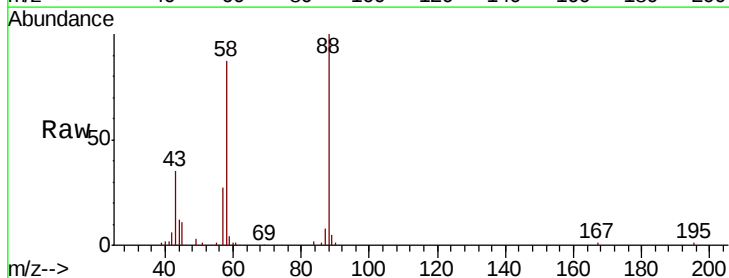
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



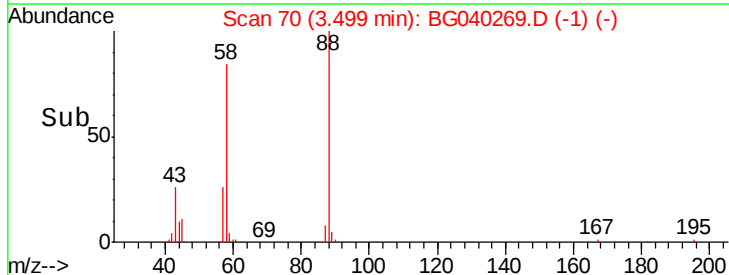
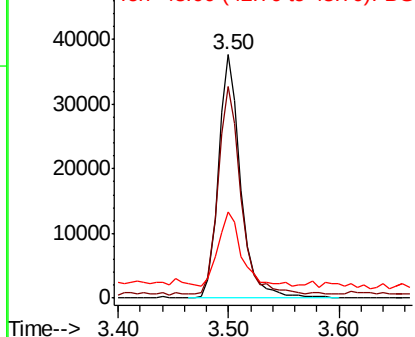
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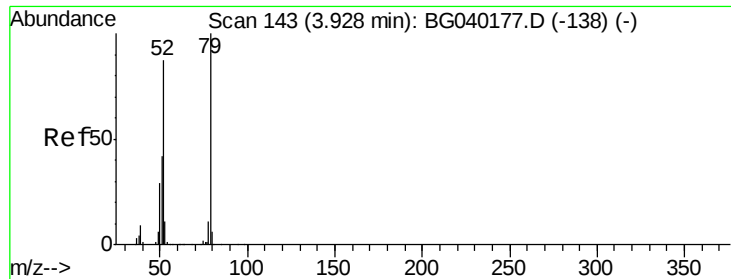
1,4-Dioxane
Concen: 39.420 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.0	70.6	106.0
43	32.5	24.8	37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.331 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

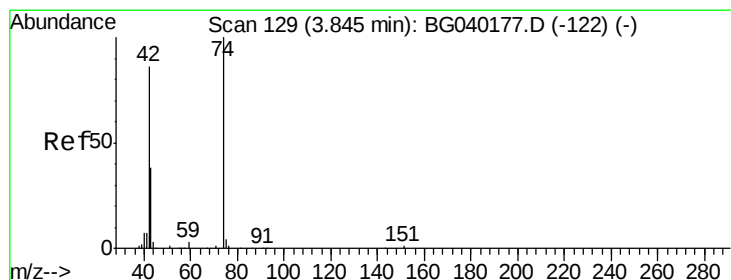
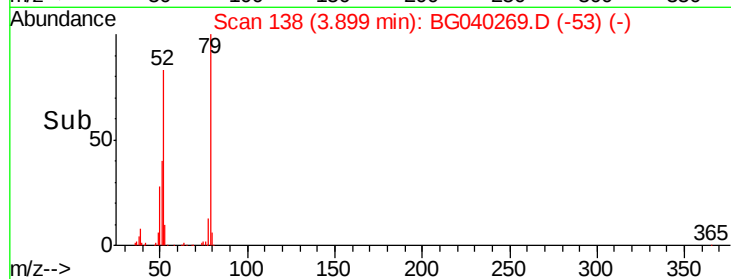
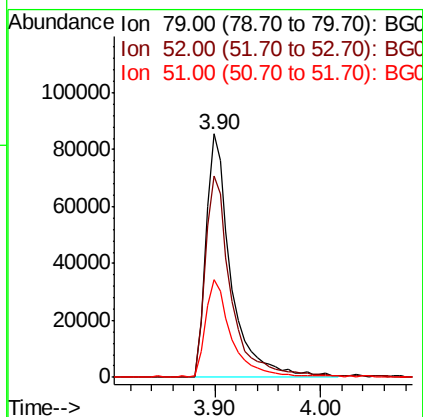
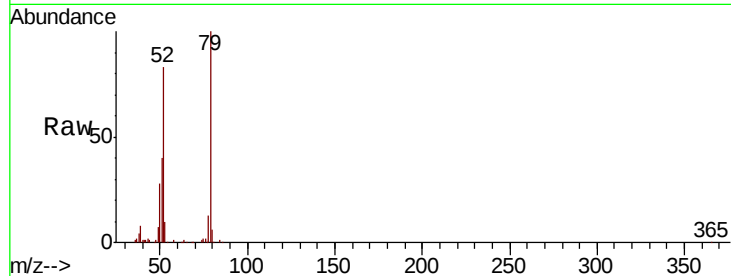
ClientSampleId :

PB118456BS

Tgt Ion:	79	Resp:	141033
Ion	Ratio	Lower	Upper
79	100		
52	82.8	69.8	104.8
51	40.3	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 35.485 ng

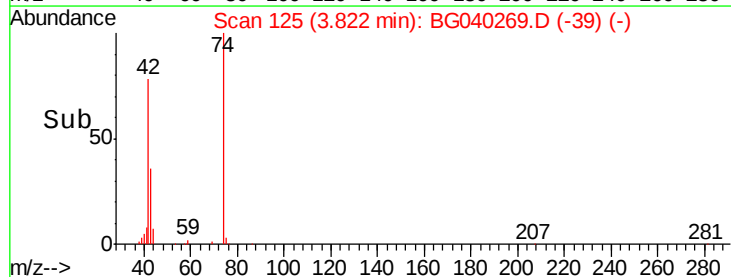
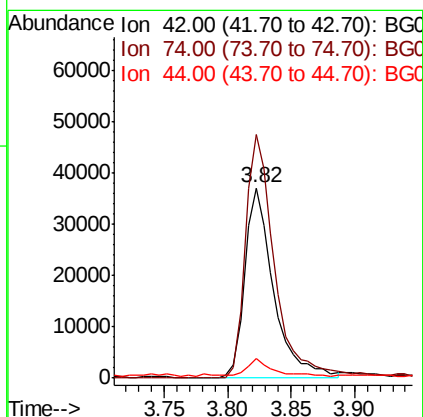
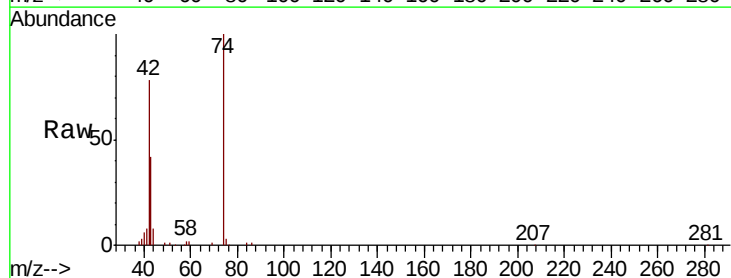
RT: 3.82 min Scan# 125

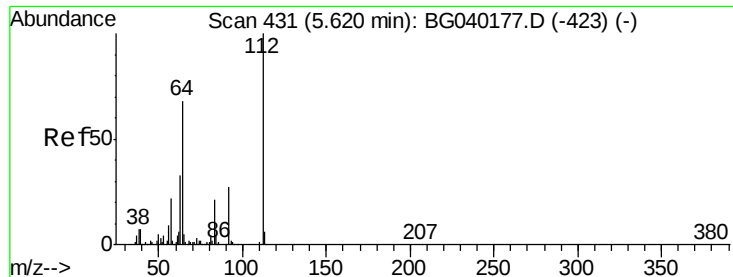
Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	42	Resp:	58859
Ion	Ratio	Lower	Upper
42	100		
74	128.0	92.9	139.3
44	10.4	9.7	14.5





#5

2-Fluorophenol

Concen: 142.686 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

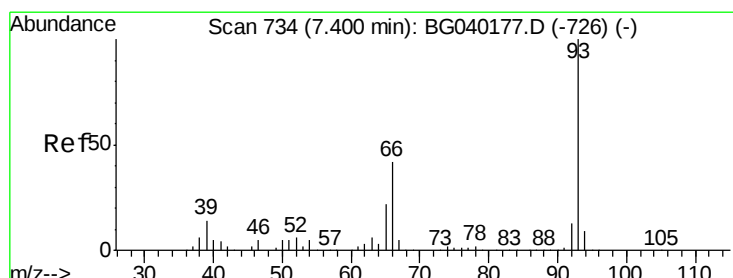
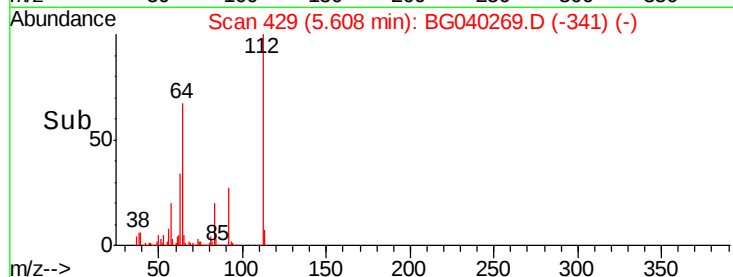
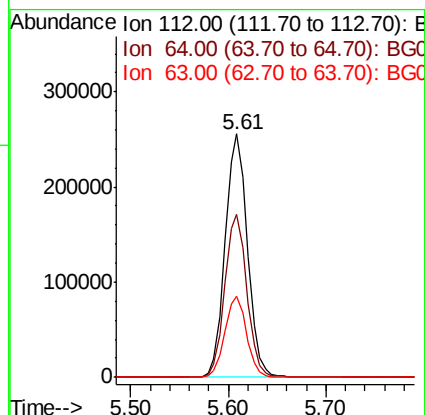
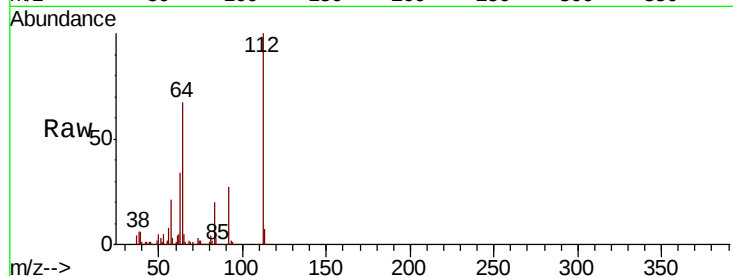
ClientSampleId :

PB118456BS

Tgt Ion:	112	Resp:	404133
Ion Ratio	Lower	Upper	
112	100		
64	67.1	54.2	81.2
63	33.5	26.4	39.6

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#6

Aniline

Concen: 30.311 ng

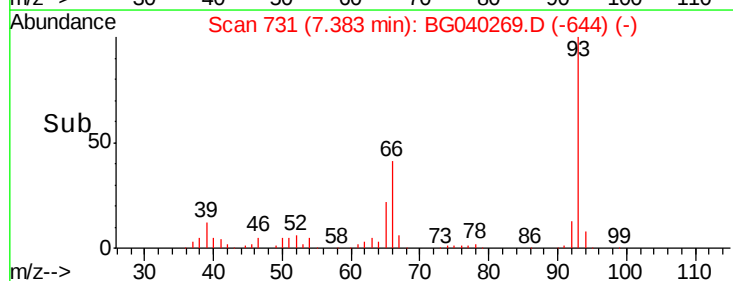
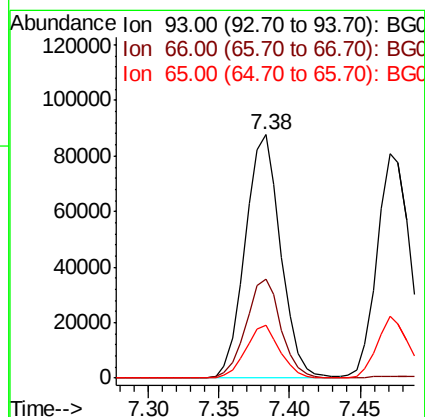
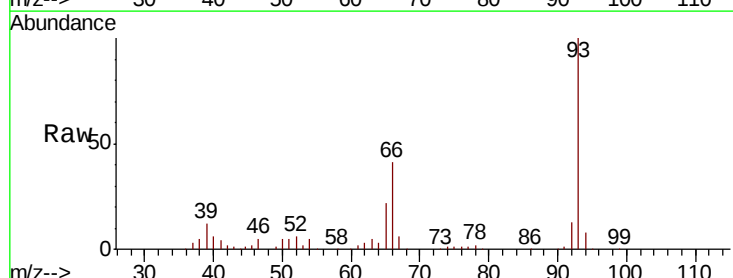
RT: 7.38 min Scan# 731

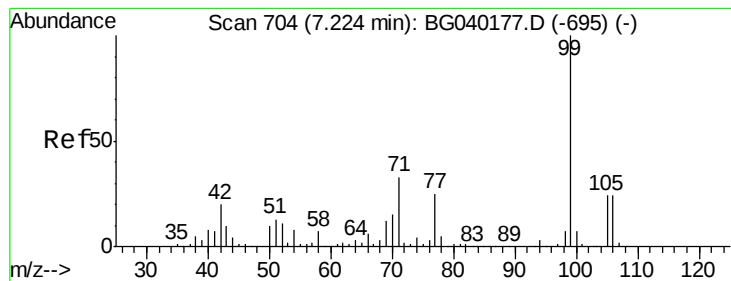
Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	93	Resp:	154149
Ion Ratio	Lower	Upper	
93	100		
66	40.7	33.6	50.4
65	21.6	17.4	26.2





#7

Phenol-d6

Concen: 141.552 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

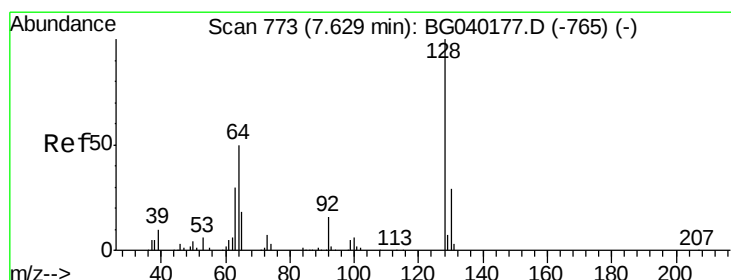
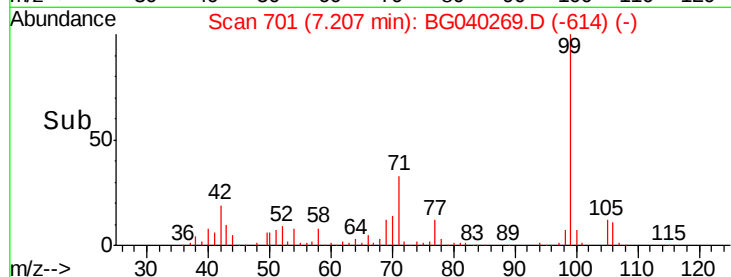
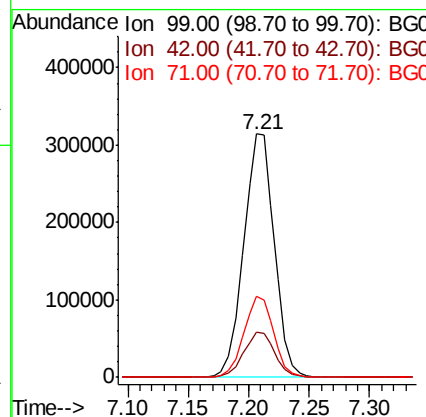
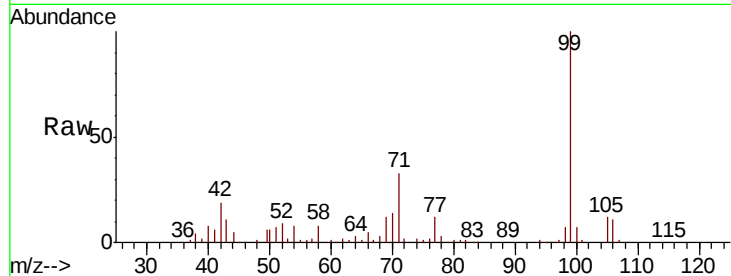
ClientSampleId :

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Tgt Ion:	99	Resp:	554082
Ion Ratio	Lower	Upper	
99	100		
42	18.8	16.2	24.2
71	33.2	26.8	40.2

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#8

2-Chlorophenol

Concen: 42.285 ng

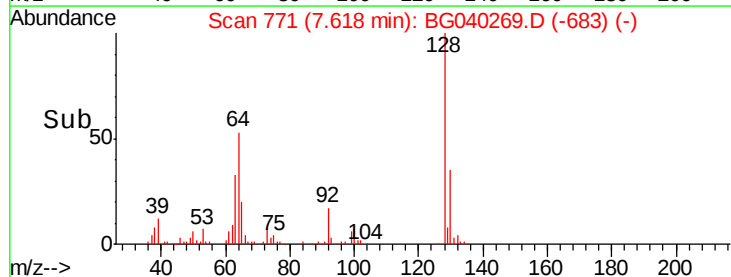
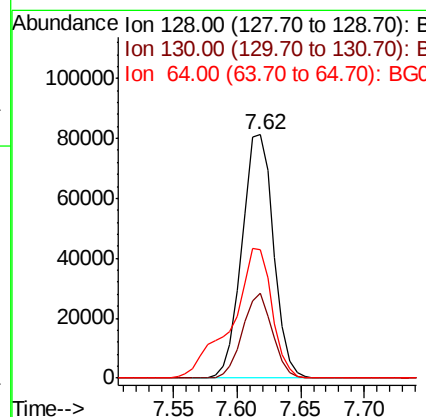
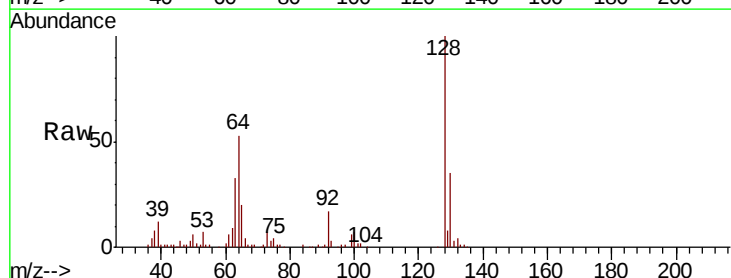
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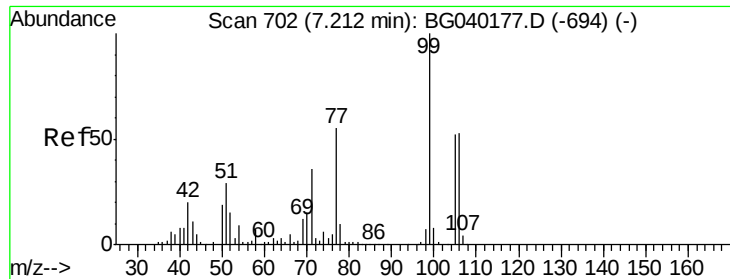
Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	128	Resp:	140195
Ion Ratio	Lower	Upper	
128	100		
130	34.8	9.1	49.1
64	52.6	33.1	73.1





#9

Benzaldehyde

Concen: 36.499 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

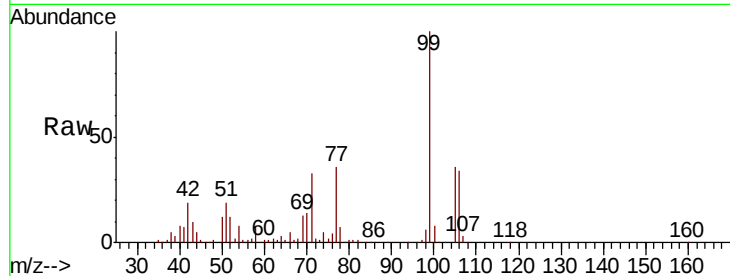
ClientSampleId :

PB118456BS

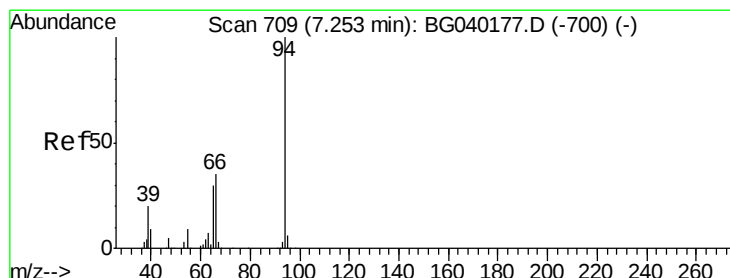
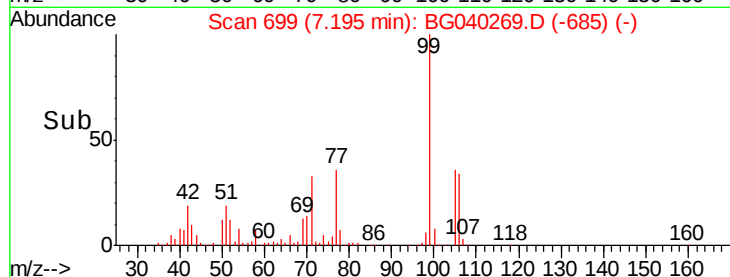
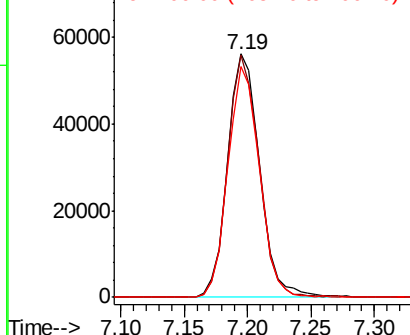
Tgt Ion	Ratio	Lower	Upper
77	100		
105	99.5	75.0	115.0
106	95.0	75.7	115.7

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



#10

Phenol

Concen: 44.063 ng

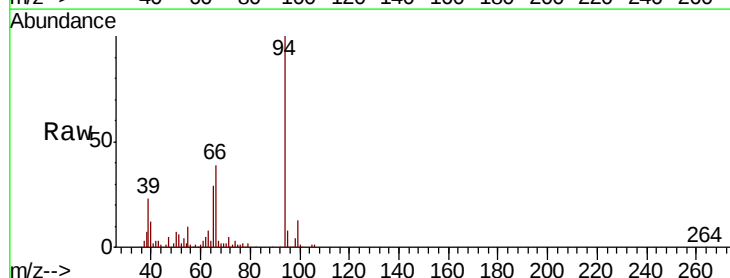
RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

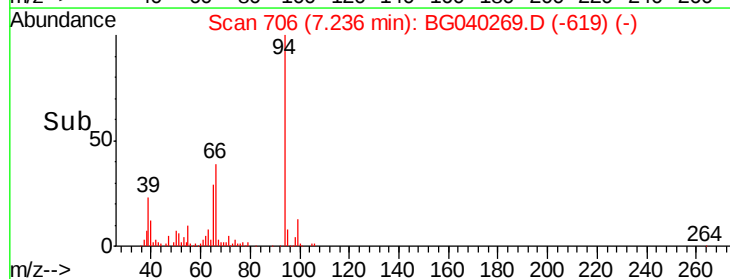
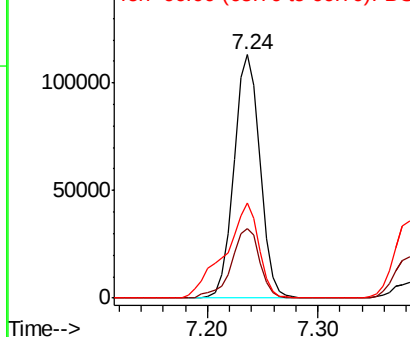
Lab File: BG040269.D

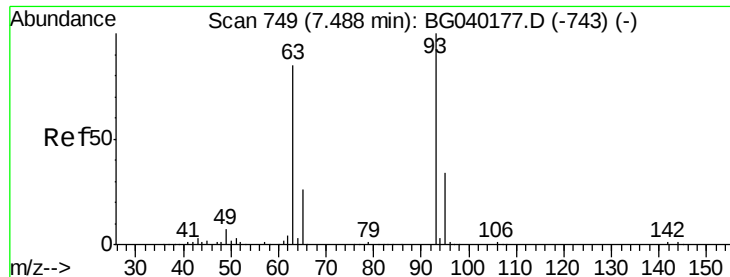
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	10.5	50.5
66	39.0	16.9	56.9



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





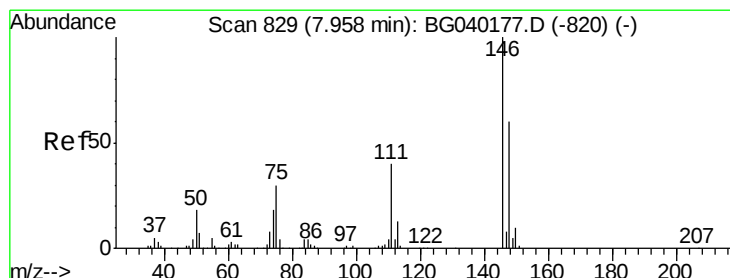
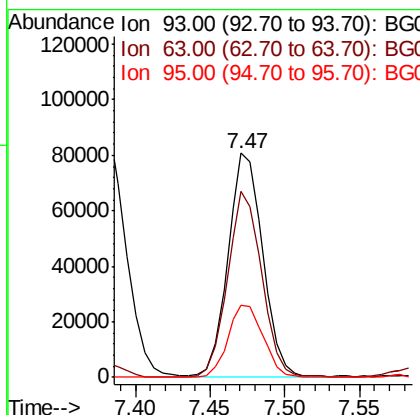
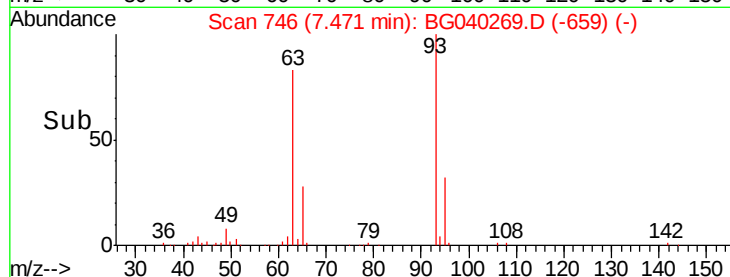
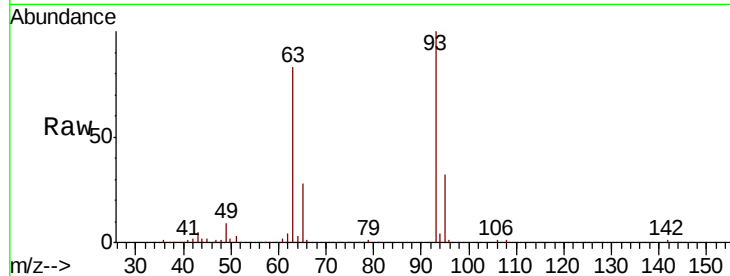
#11
 bis(2-Chloroethyl)ether
 Concen: 38.835 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion:	93	Resp:	132154
Ion	Ratio	Lower	Upper
93	100		
63	82.9	64.2	104.2
95	32.4	14.0	54.0

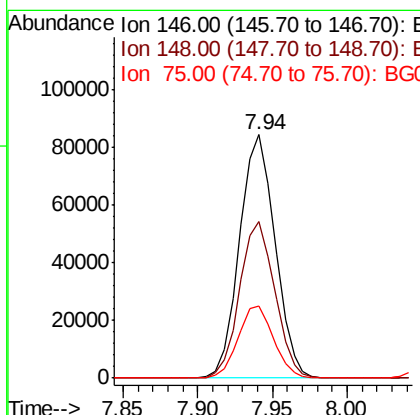
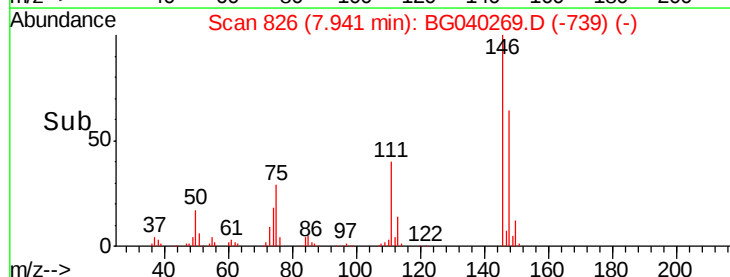
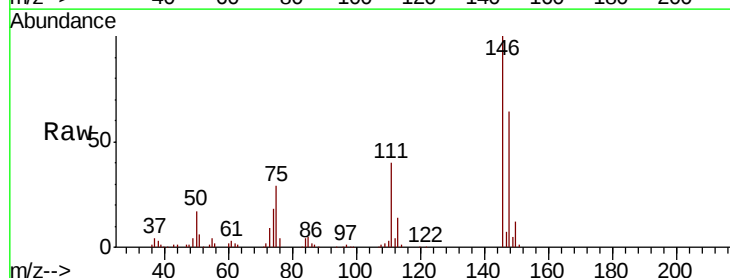
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#12
 1,3-Dichlorobenzene
 Concen: 38.742 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:	146	Resp:	139634
Ion	Ratio	Lower	Upper
146	100		
148	64.4	48.2	72.2
75	29.4	24.1	36.1





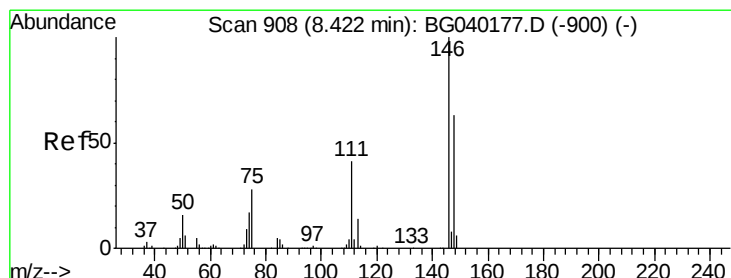
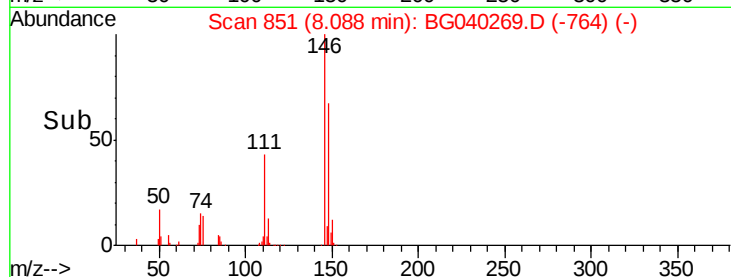
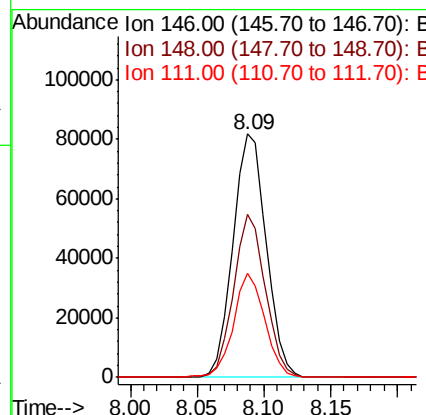
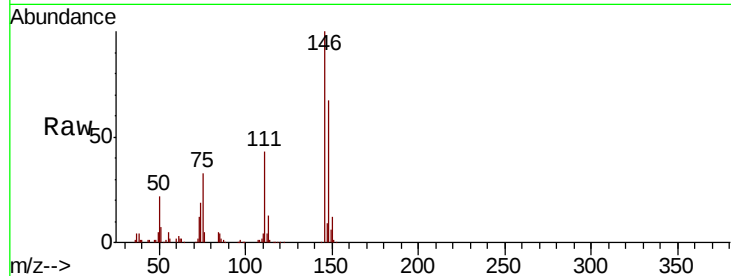
#13
 1,4-Dichlorobenzene
 Concen: 39.474 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleID :
 PB118456BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.0	76.4
111	42.7	31.8	47.6

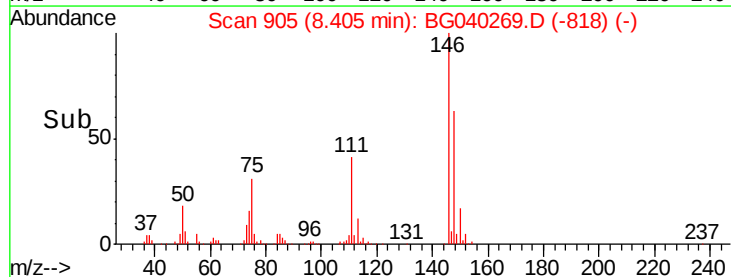
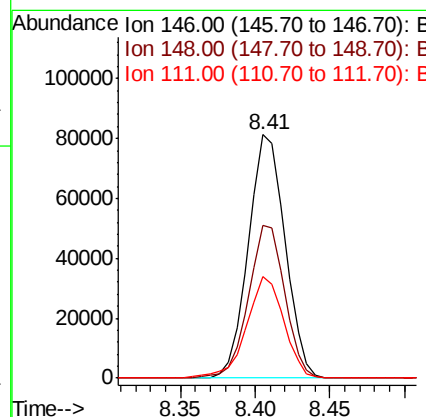
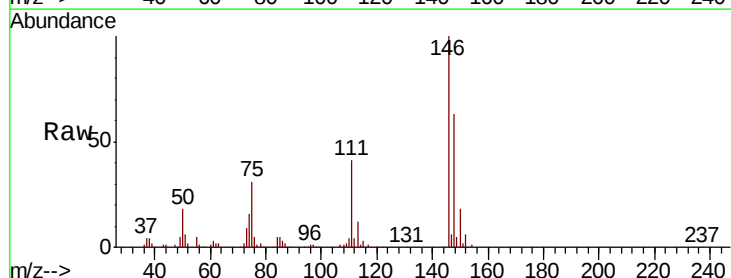
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#14
 1,2-Dichlorobenzene
 Concen: 40.231 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.5	33.4	50.0





#15

Benzyl Alcohol

Concen: 40.075 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

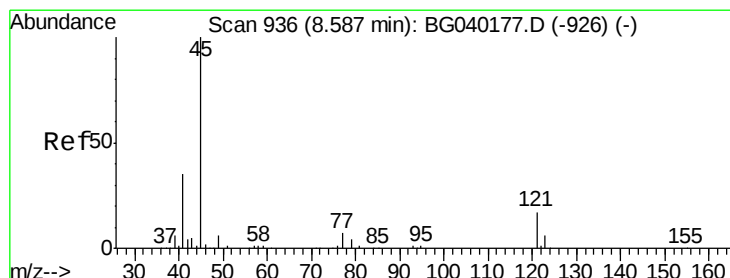
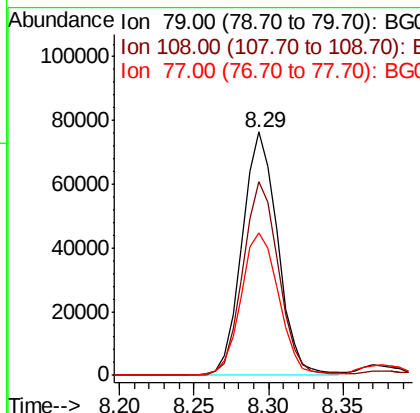
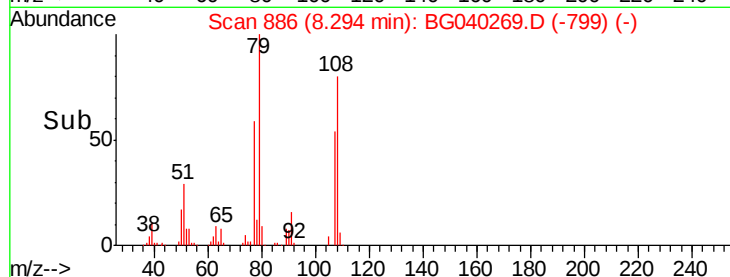
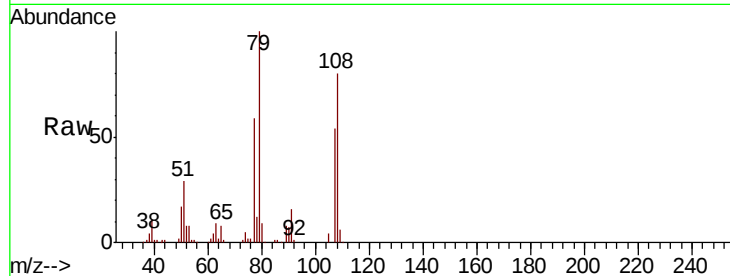
ClientSampleId :

PB118456BS

Tgt Ion:	79	Resp:	126331
Ion	Ratio	Lower	Upper
79	100		
108	79.6	62.1	93.1
77	58.6	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.007 ng

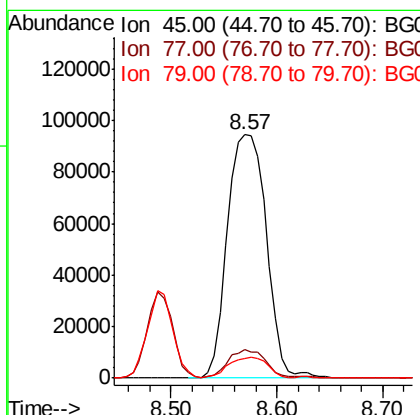
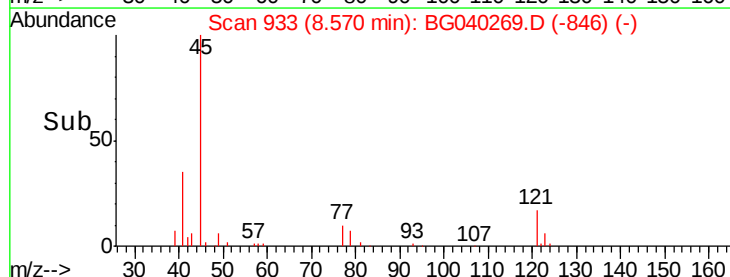
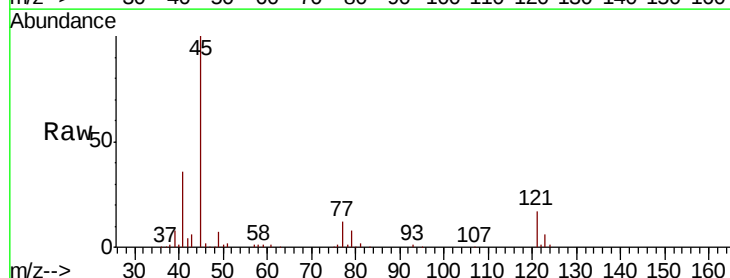
RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	45	Resp:	241686
Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.4
79	8.1	0.0	28.3





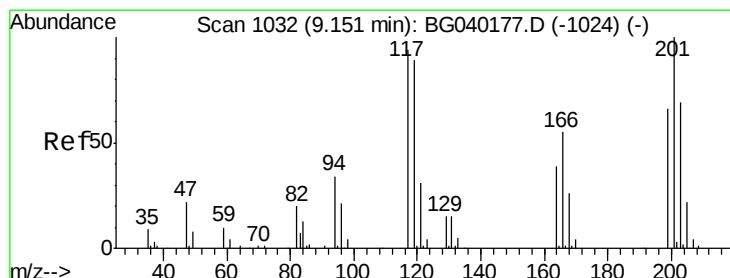
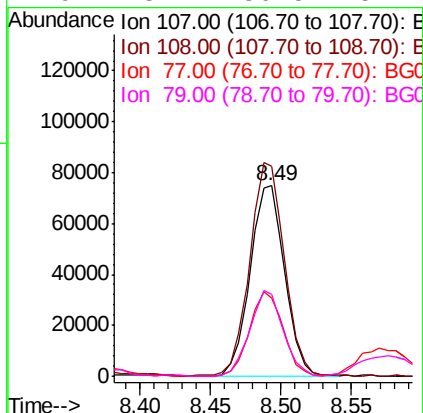
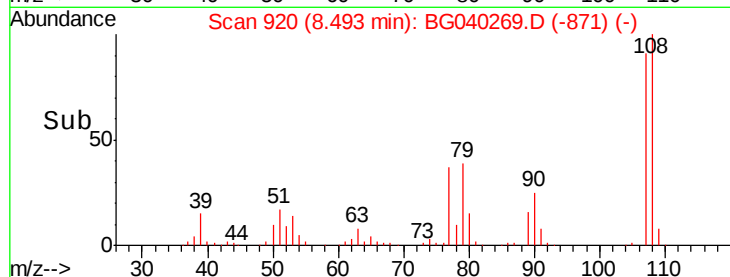
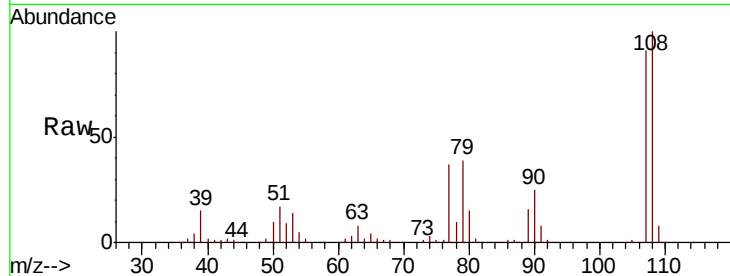
#17
2-Methylphenol
Concen: 43.866 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:	107	Resp:	128964
Ion Ratio	Lower	Upper	
107	100		
108	110.2	88.2	132.4
77	41.3	36.6	55.0
79	43.2	36.5	54.7

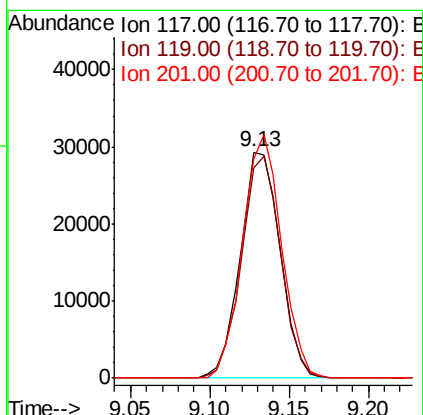
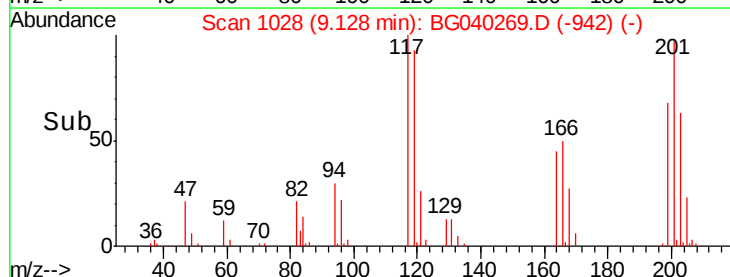
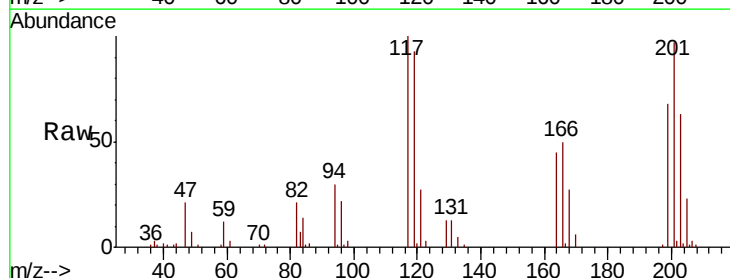
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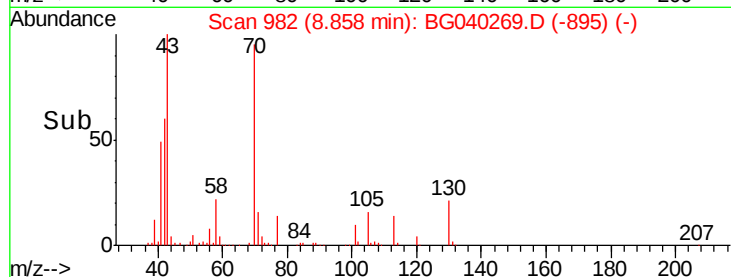
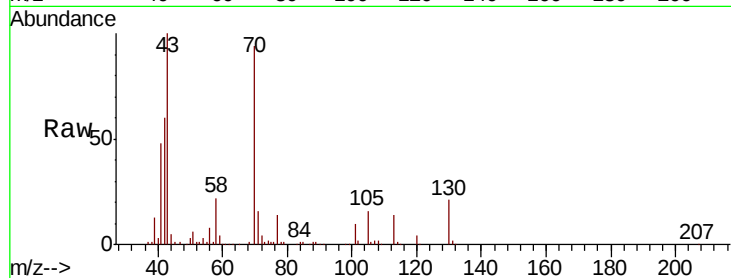
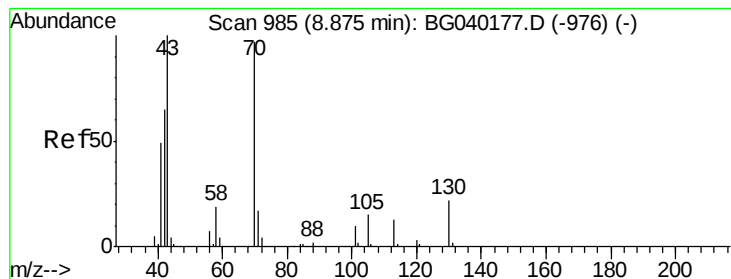
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#18
Hexachloroethane
Concen: 37.406 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:	117	Resp:	51076
Ion Ratio	Lower	Upper	
117	100		
119	92.9	76.6	115.0
201	97.2	85.0	127.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.546 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

Tgt Ion: 70 Resp: 105373

Ion Ratio Lower Upper

70 100

42 63.5 54.0 81.0

101 10.5 8.6 13.0

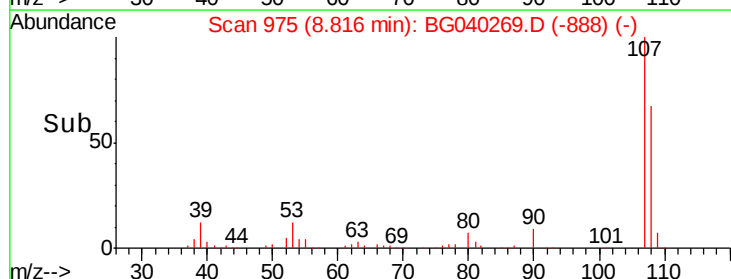
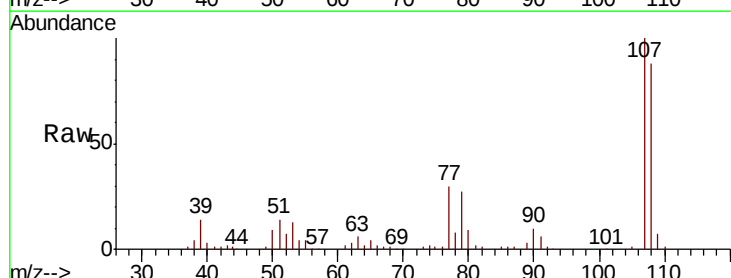
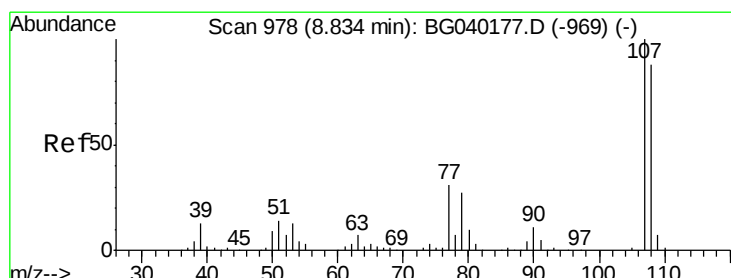
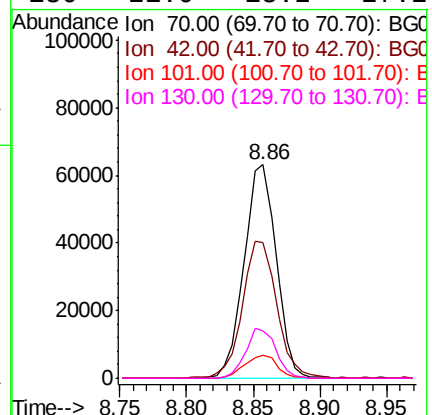
130 21.9 18.2 27.2

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#20

3+4-Methylphenols

Concen: 44.422 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion: 107 Resp: 176926

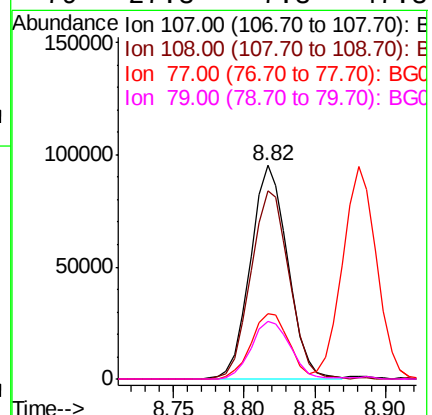
Ion Ratio Lower Upper

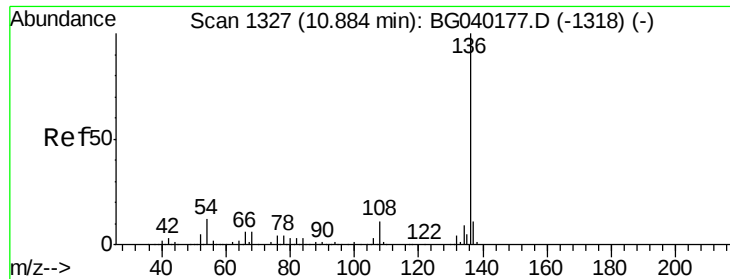
107 100

108 87.9 68.3 108.3

77 30.5 11.3 51.3

79 27.3 7.3 47.3





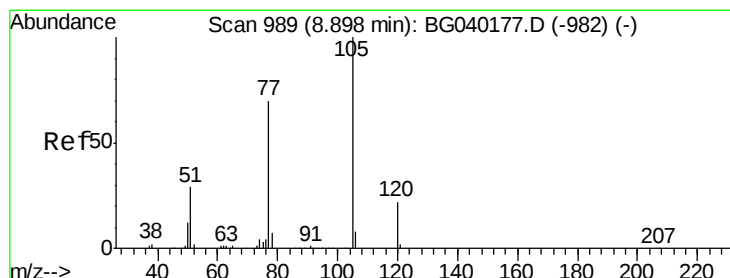
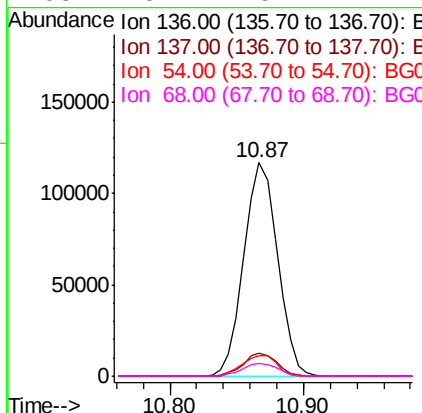
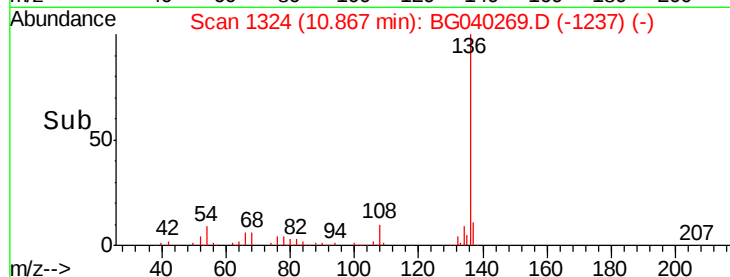
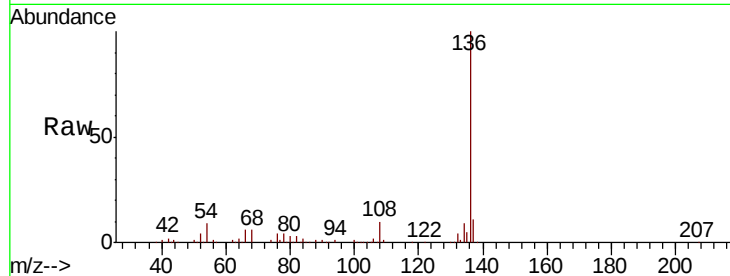
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	204464		
137	11.0	8.9	13.3	
54	9.4	9.6	14.4	
68	6.2	5.1	7.7	

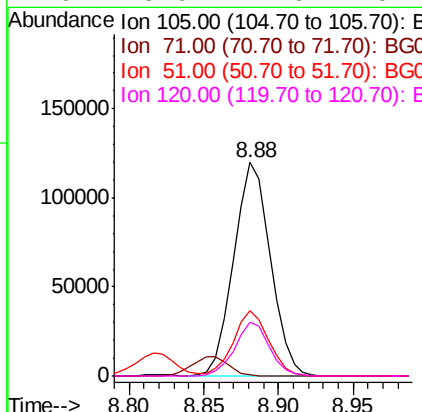
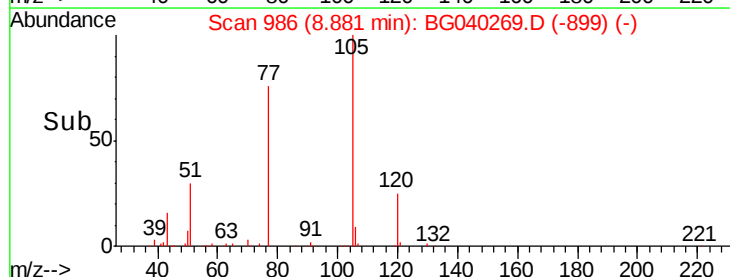
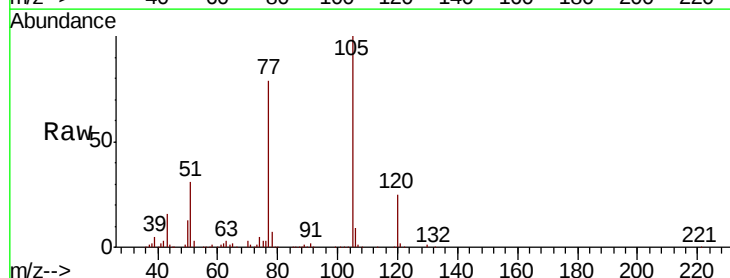
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#22
Acetophenone
Concen: 40.279 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205436		
71	0.6	0.6	1.0	
51	30.7	25.1	37.7	
120	25.0	17.6	26.4	





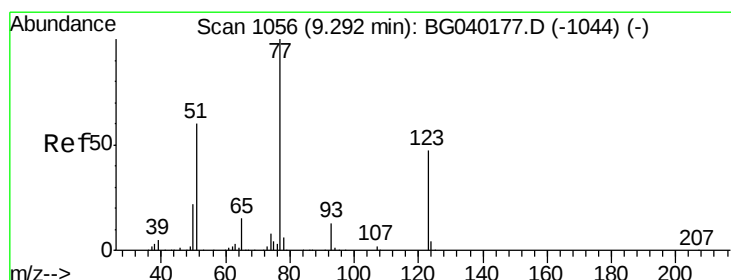
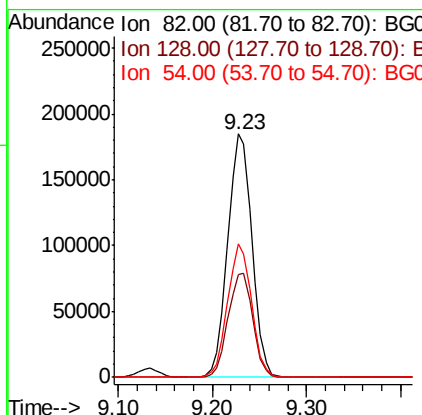
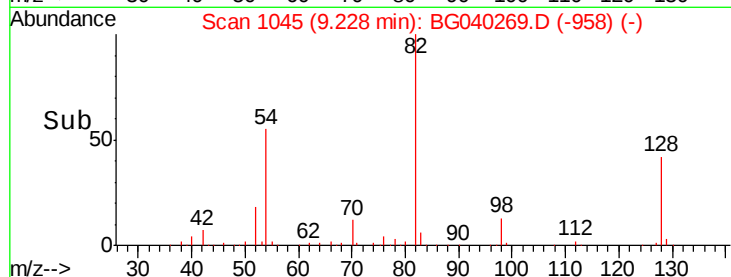
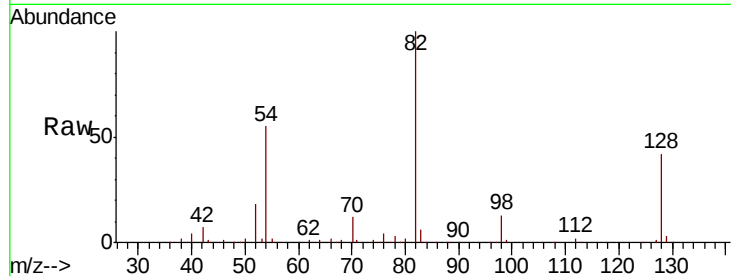
#23
 Nitrobenzene-d5
 Concen: 85.853 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	330247		
128	42.3	35.8	53.8	
54	55.0	46.2	69.2	

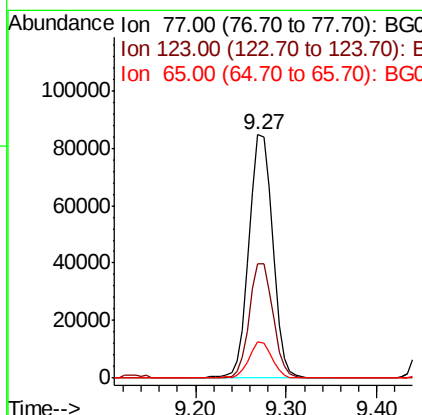
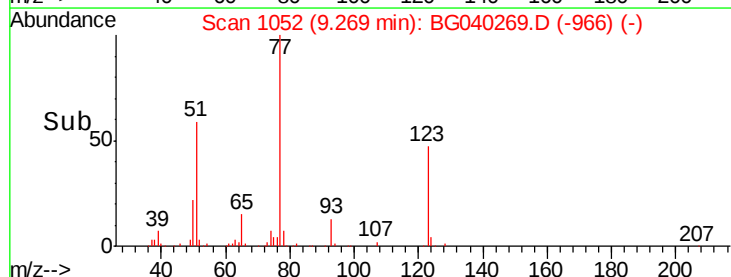
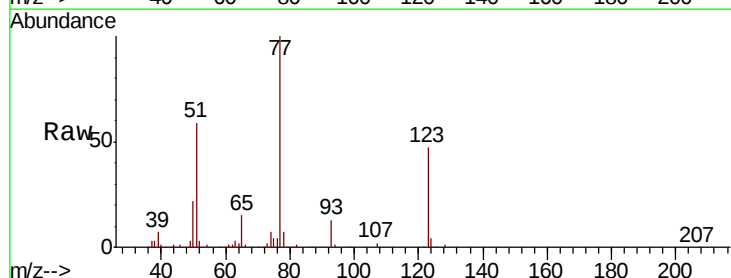
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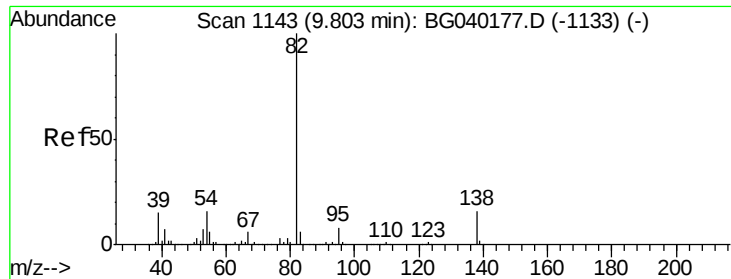
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#24
 Nitrobenzene
 Concen: 38.782 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	154482		
123	47.2	37.8	56.6	
65	14.8	12.0	18.0	





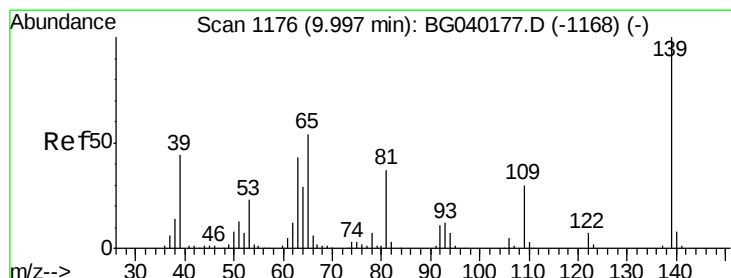
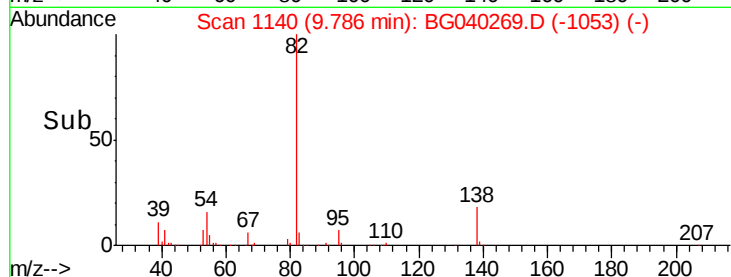
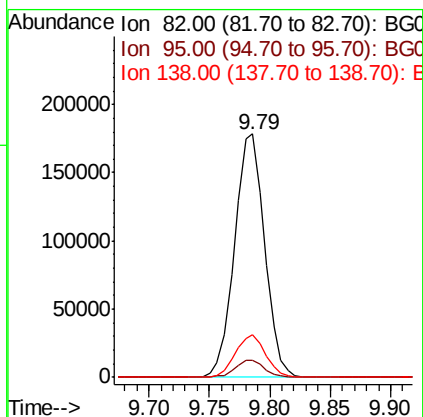
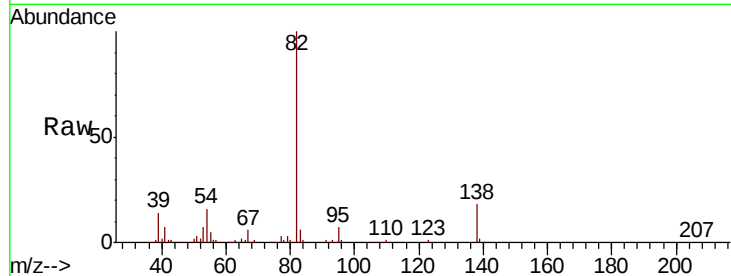
#25
Isophorone
Concen: 39.112 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	309565		
95	6.8		6.1	9.1
138	17.6		13.2	19.8

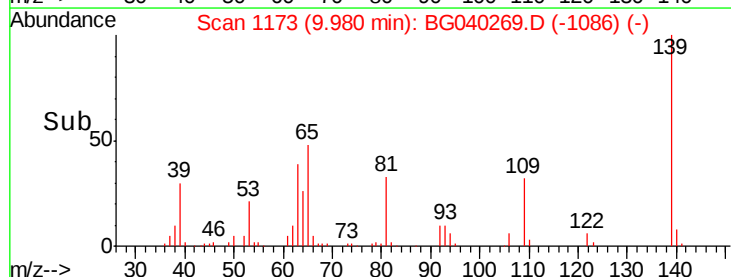
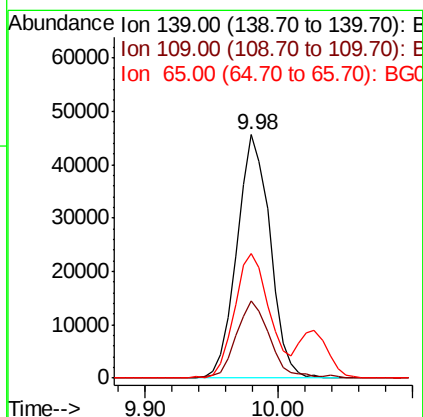
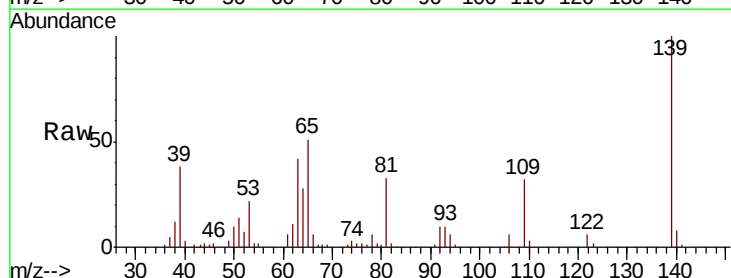
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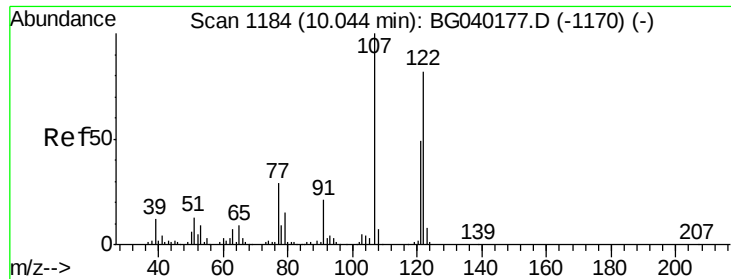
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#26
2-Nitrophenol
Concen: 41.355 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78056		
109	31.7		24.1	36.1
65	51.3		43.0	64.6





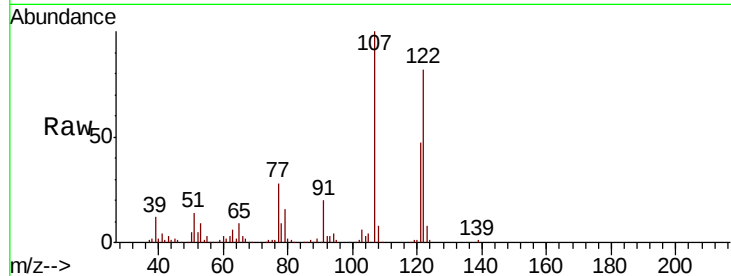
#27
2,4-Dimethylphenol
Concen: 49.873 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampled :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.3	97.4	146.2
121	57.1	47.7	71.5

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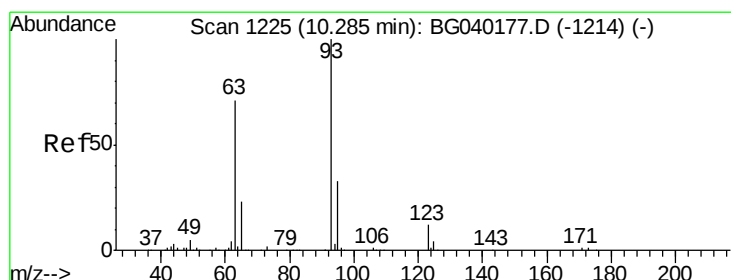
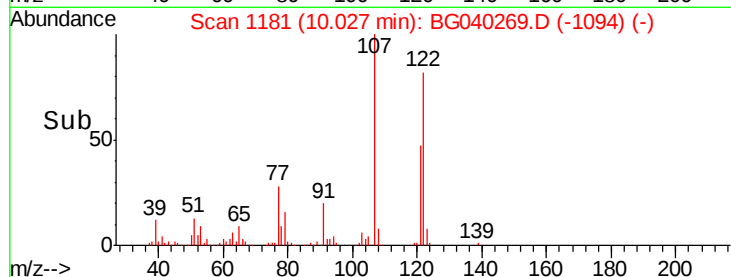
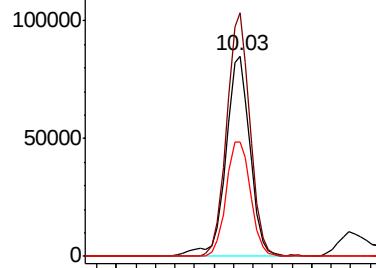


Abundance

Ion 122.00 (121.70 to 122.70): E

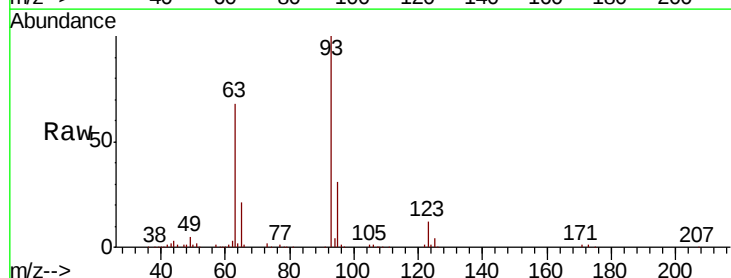
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.505 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.2	39.4
123	11.7	9.4	14.0

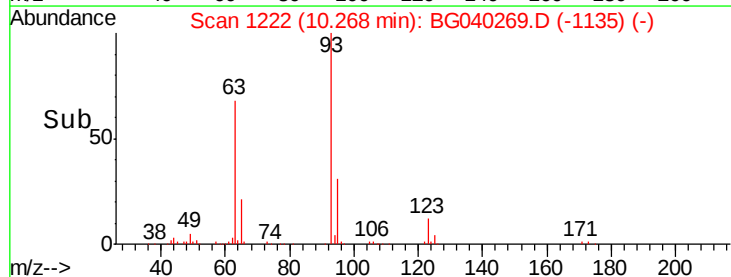
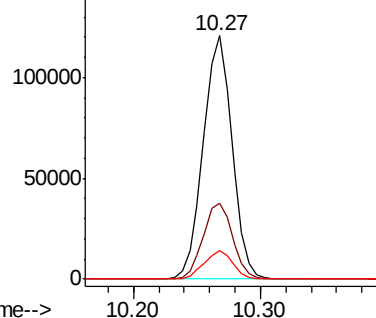


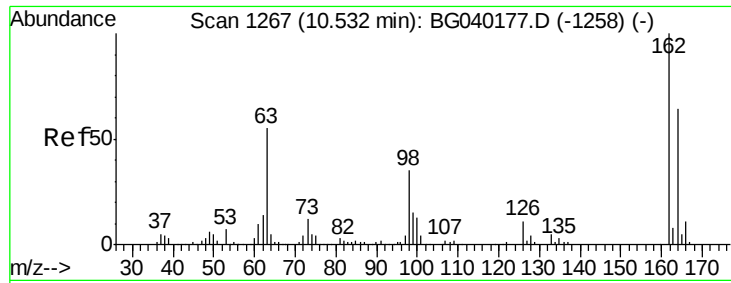
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





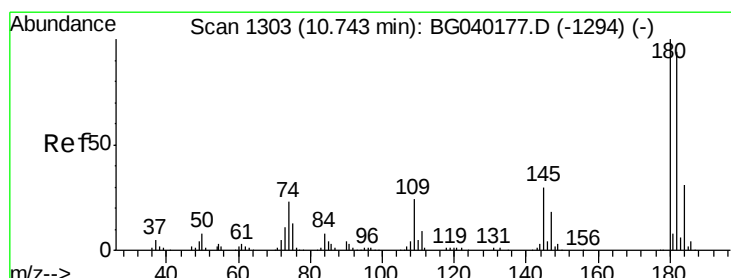
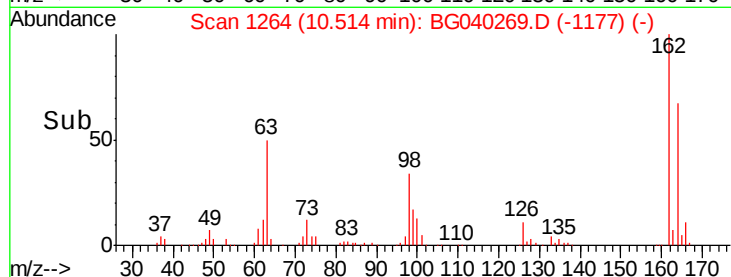
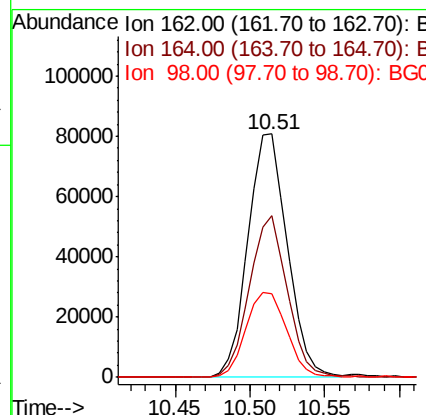
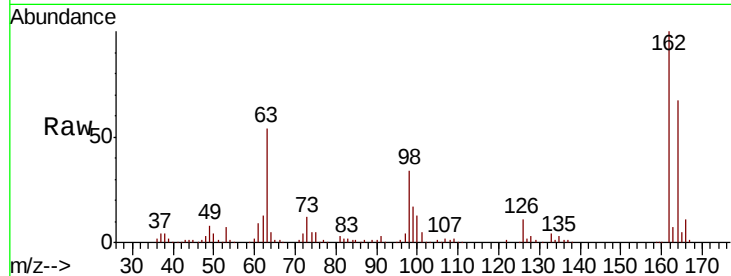
#29
 2,4-Dichlorophenol
 Concen: 45.361 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion:	162	Resp:	147616
Ion Ratio	Lower	Upper	
162	100		
164	66.5	43.9	83.9
98	34.3	15.6	55.6

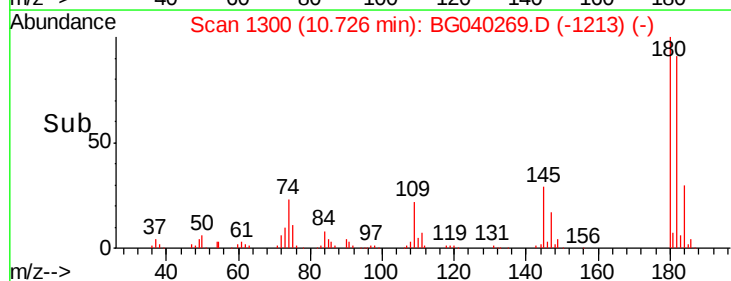
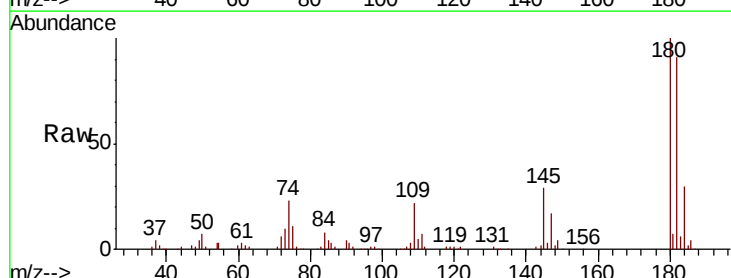
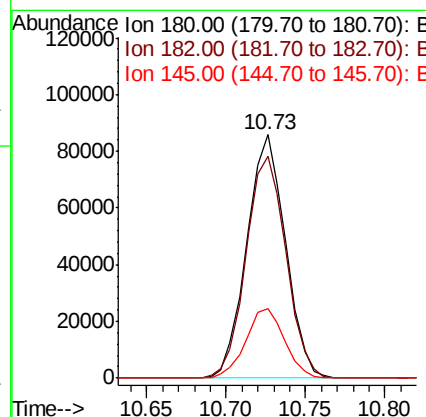
Manual Integrations
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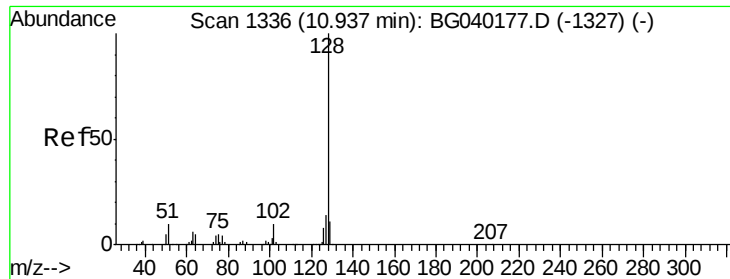
Sohil
 4/2/2019 4:00:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.670 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:	180	Resp:	145326
Ion Ratio	Lower	Upper	
180	100		
182	91.1	75.1	112.7
145	28.6	24.1	36.1





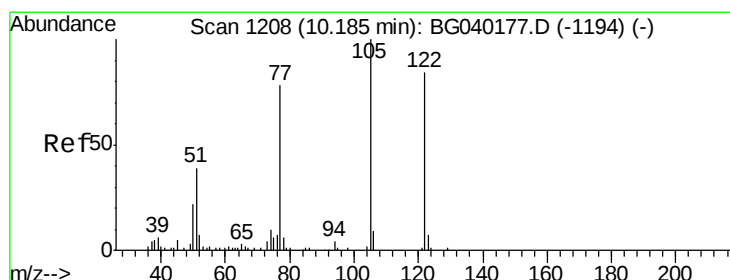
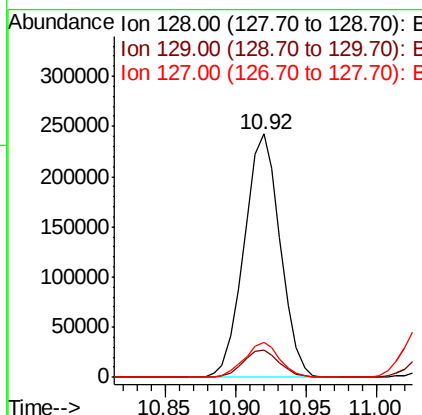
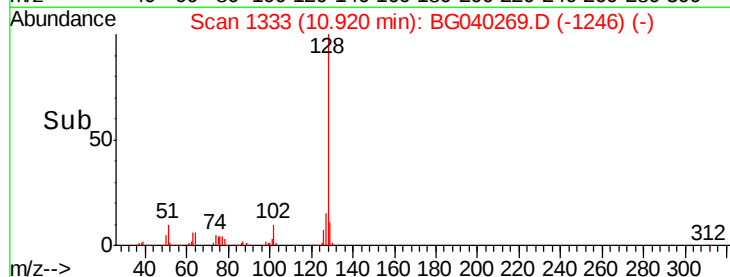
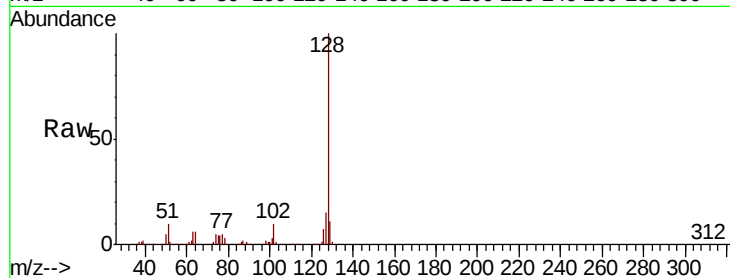
#31
Naphthalene
Concen: 41.389 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	14.6	11.4	17.0

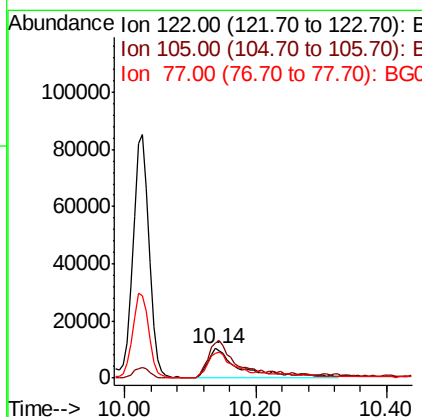
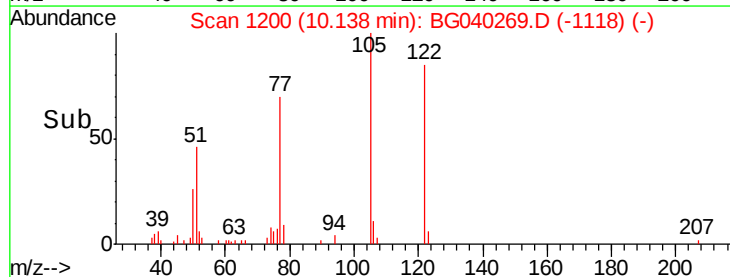
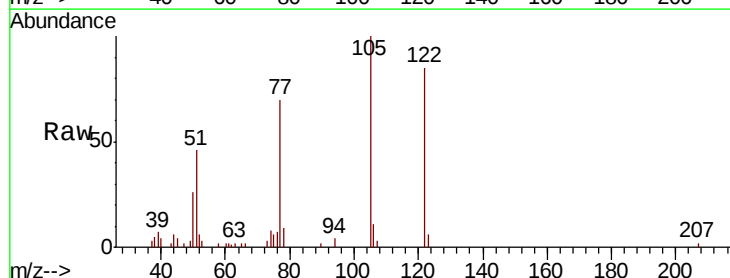
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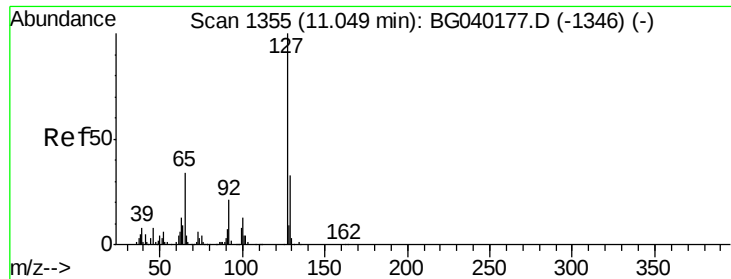
Sohil
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#32
Benzoic acid
Concen: 20.557 ng m
RT: 10.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	98.2	138.2
77	82.3	73.6	113.6





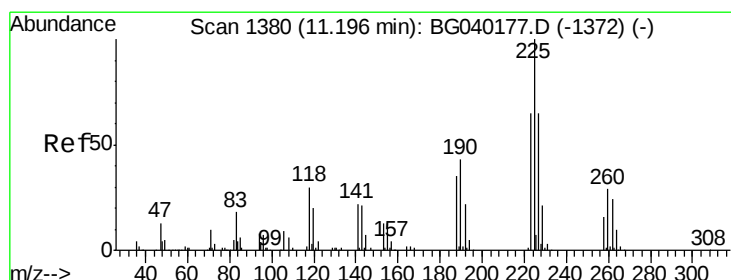
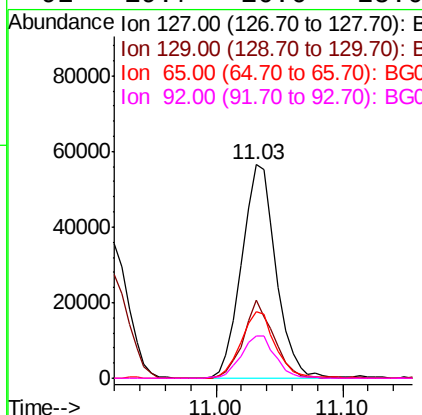
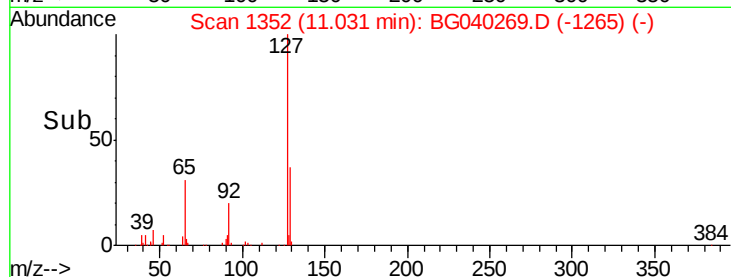
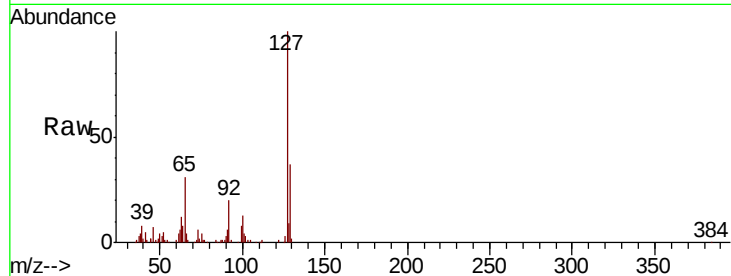
#33
4-Chloroaniline
Concen: 23.741 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	106133		
129	36.8	26.6	40.0	
65	31.5	27.0	40.4	
92	19.7	16.6	25.0	

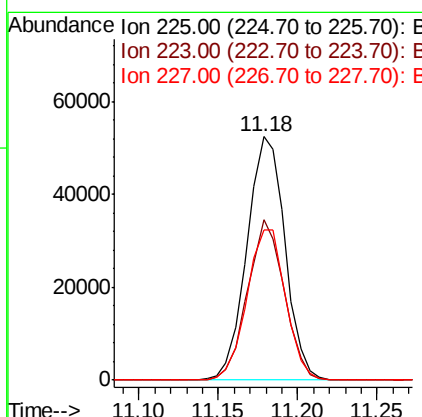
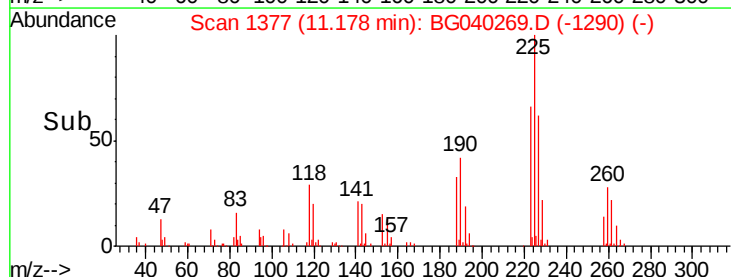
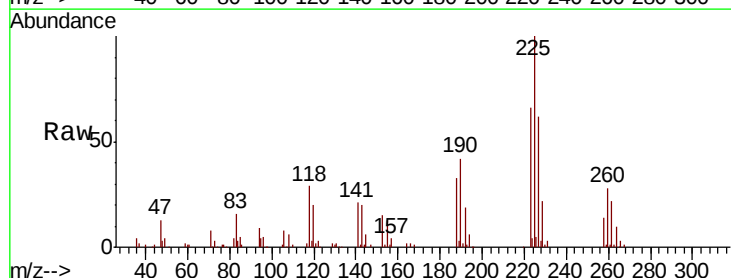
Manual Integrations
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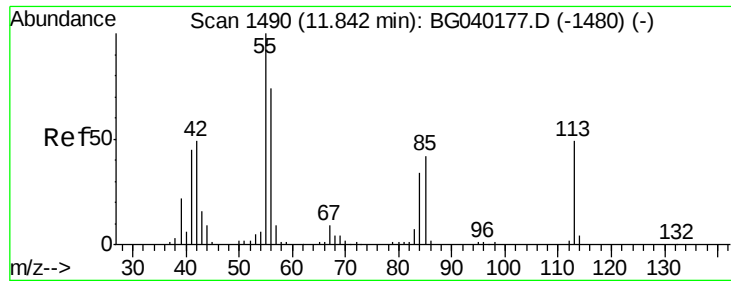
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#34
Hexachlorobutadiene
Concen: 38.320 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87572		
223	66.1	51.8	77.8	
227	64.6	54.9	82.3	





#35

Caprolactam

Concen: 50.278 ng m

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampled :

PB118456BS

Tgt Ion:113 Resp: 64930

Ion Ratio Lower Upper

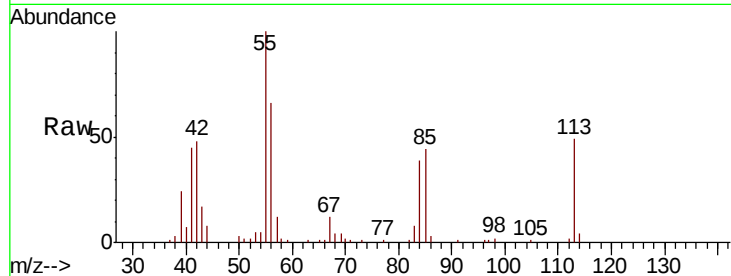
113 100

55 204.1 184.2 224.2

56 134.2 131.3 171.3

Manual Integrations
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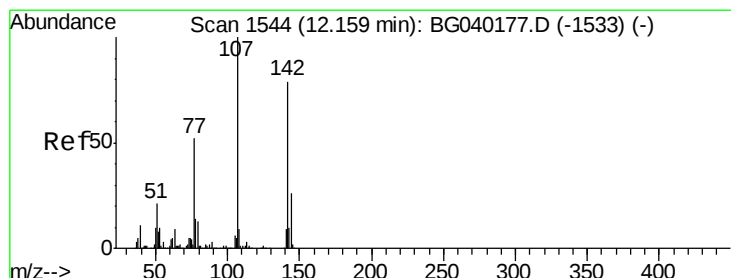
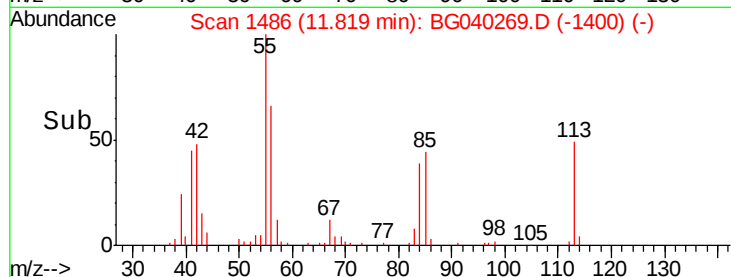
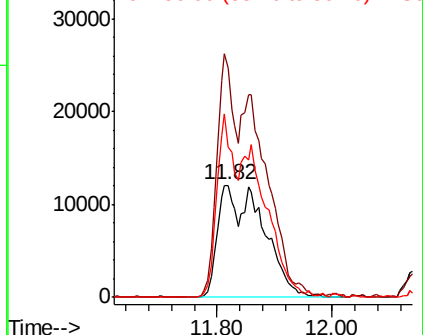
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.461 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

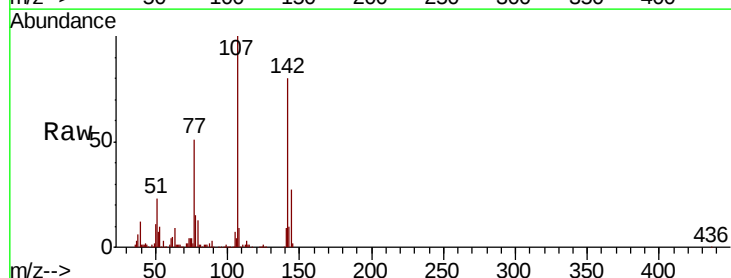
Tgt Ion:107 Resp: 177559

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

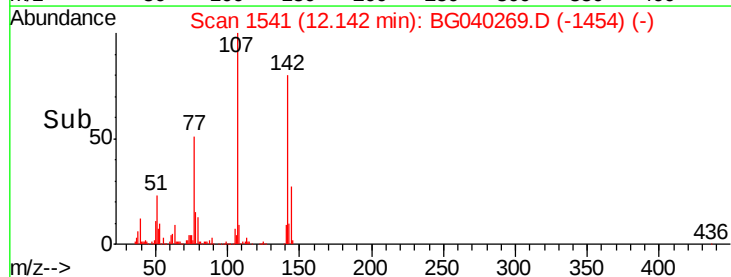
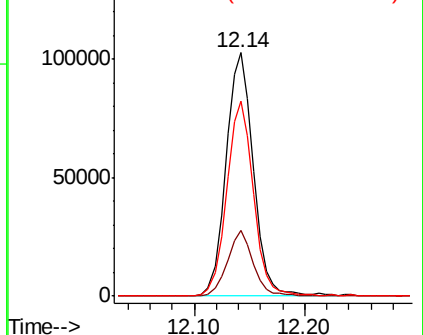
142 79.8 63.1 94.7

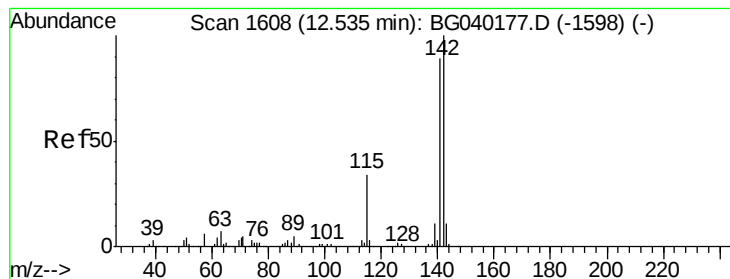


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





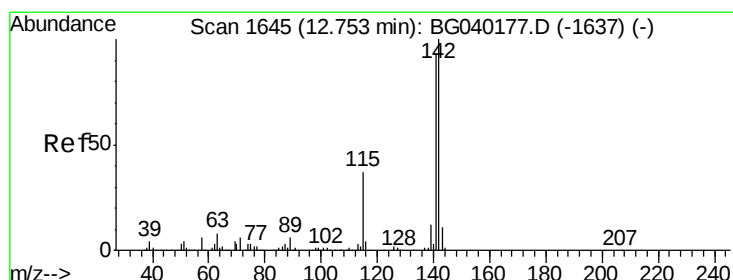
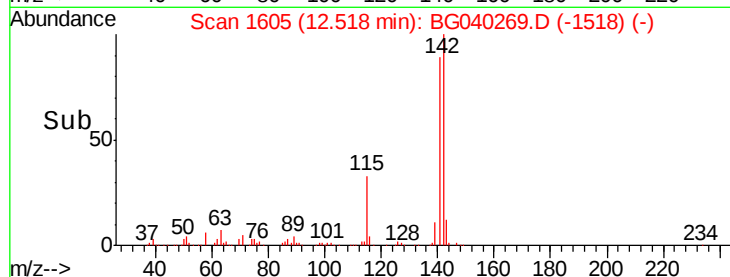
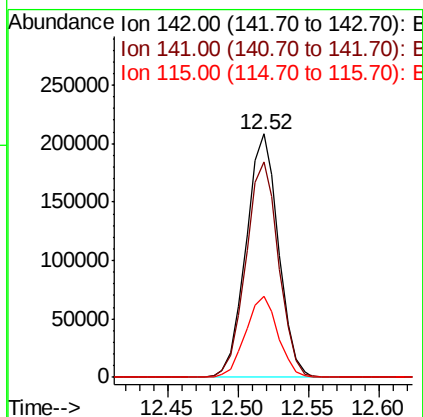
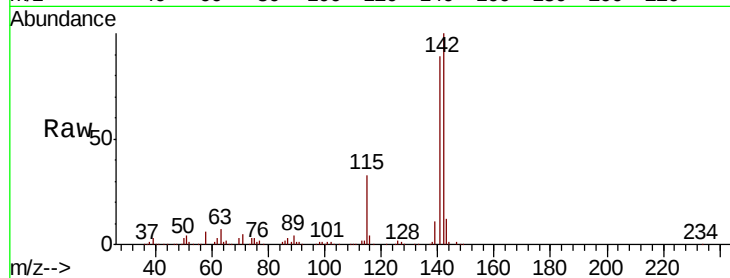
#37
 2-Methylnaphthalene
 Concen: 43.139 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.2	27.3	40.9

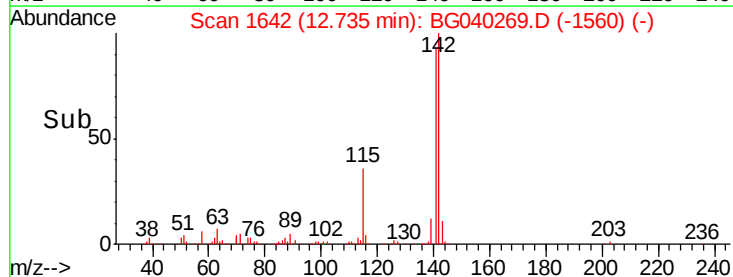
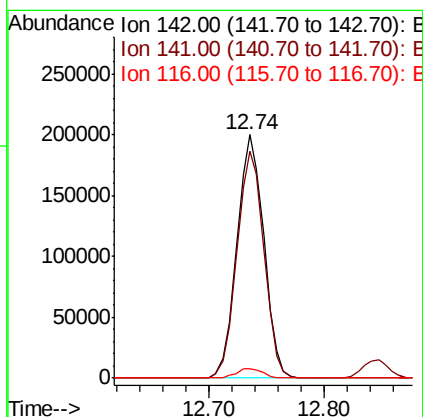
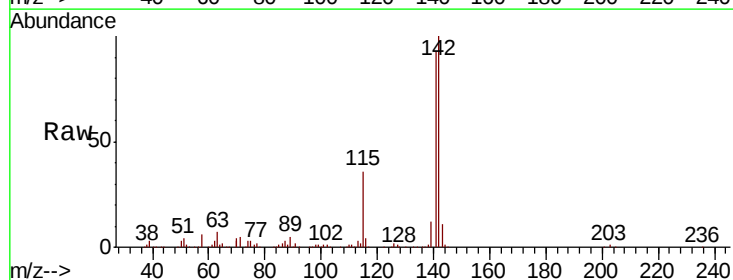
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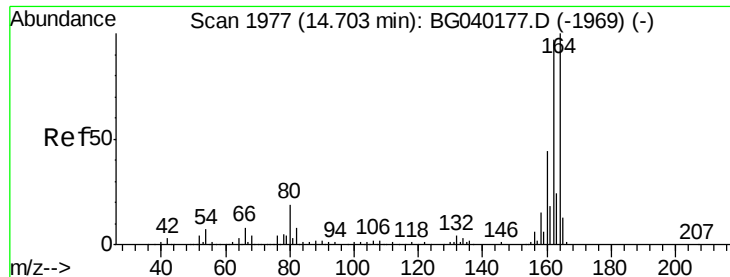
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#38
 1-Methylnaphthalene
 Concen: 42.706 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	3.7	3.0	4.4





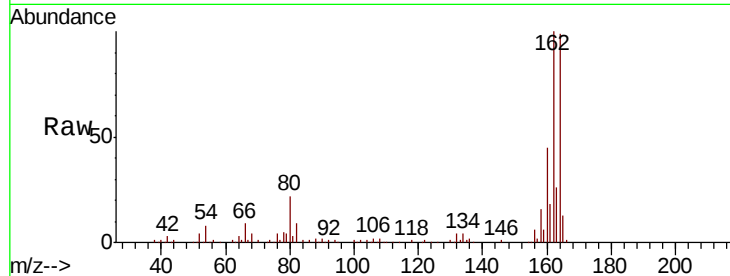
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.4	116.2
160	45.0	35.3	52.9

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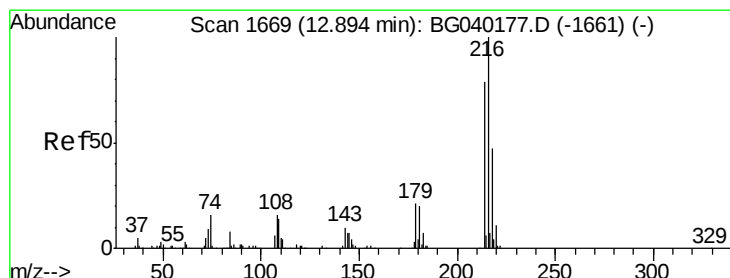
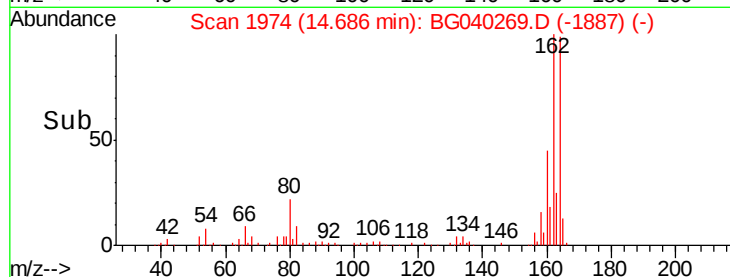
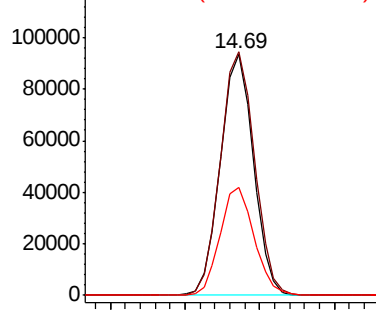


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.399 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	20.6	16.6	25.0
108	19.9	13.8	20.8

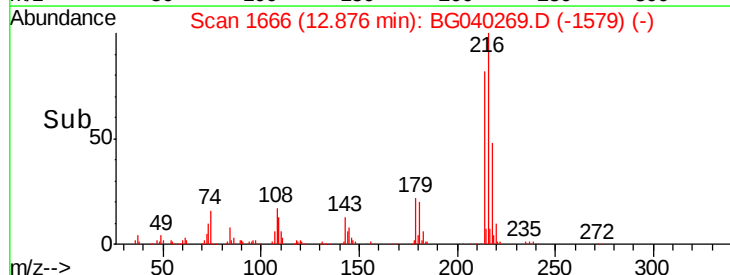
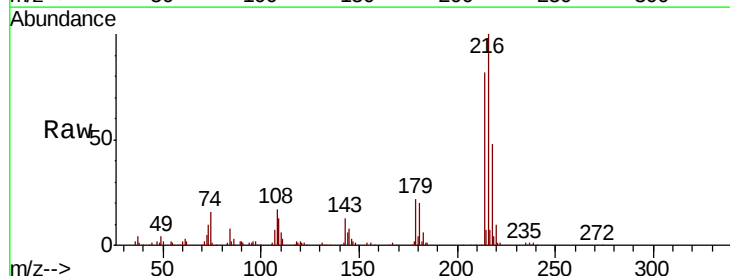
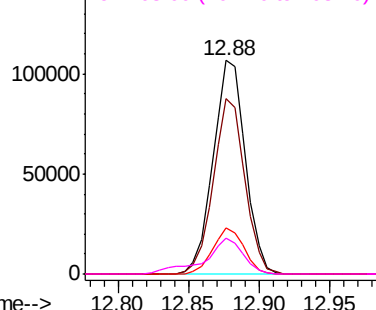
Abundance

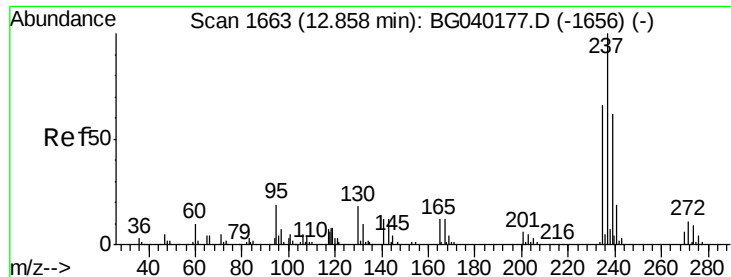
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.531 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

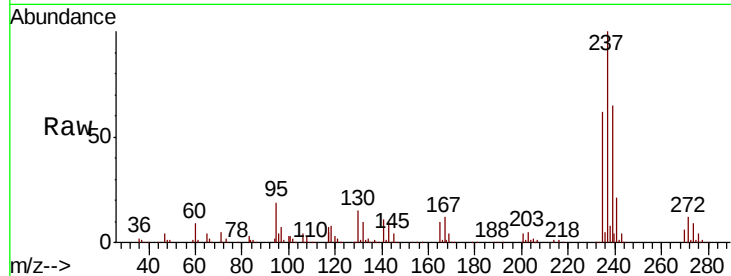
ClientSampleId :

PB118456BS

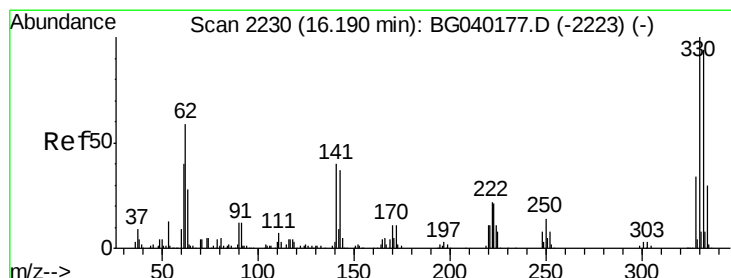
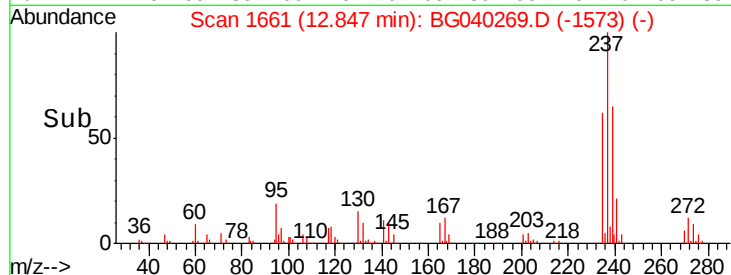
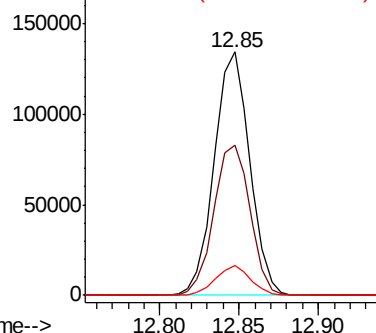
Tgt Ion:	237	Resp:	208341
Ion Ratio	Lower	Upper	
237	100		
235	61.9	46.2	86.2
272	12.4	0.0	30.5

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



#42

2,4,6-Tribromophenol

Concen: 163.486 ng

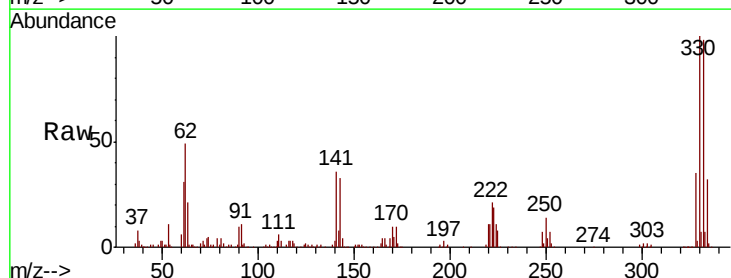
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

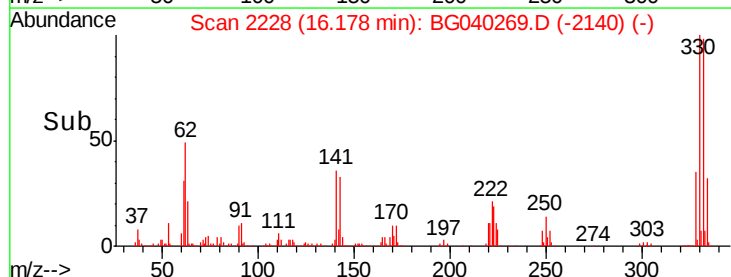
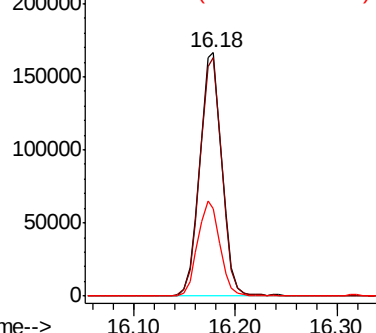
Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	330	Resp:	252521
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	115.0
141	39.3	32.6	48.8



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





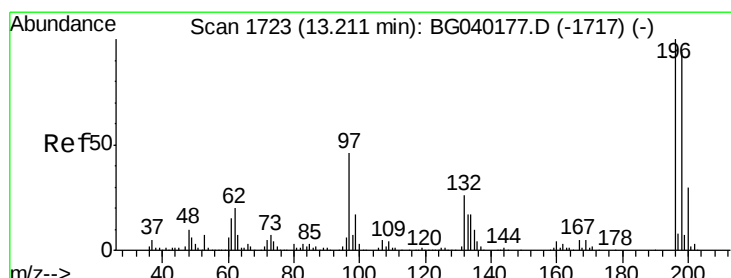
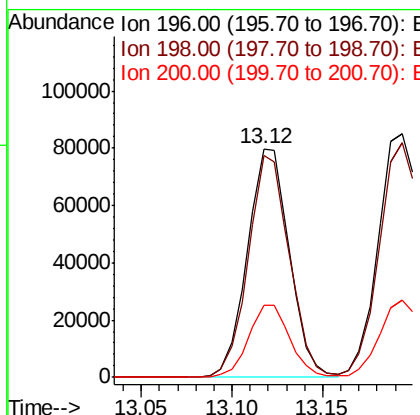
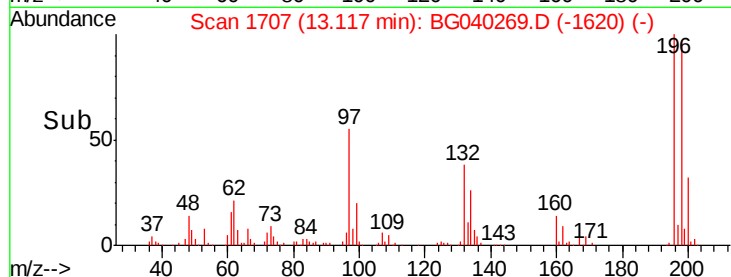
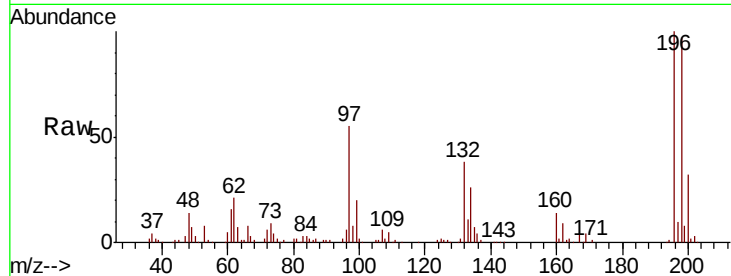
#43
 2,4,6-Trichlorophenol
 Concen: 43.827 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampled :
 PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128356		
198	97.0	78.3	117.5	
200	31.7	26.0	39.0	

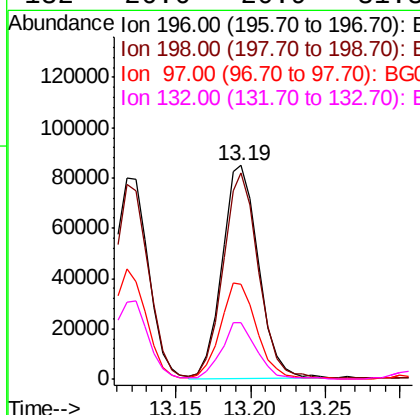
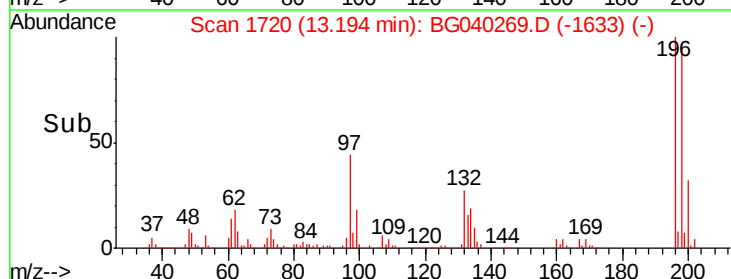
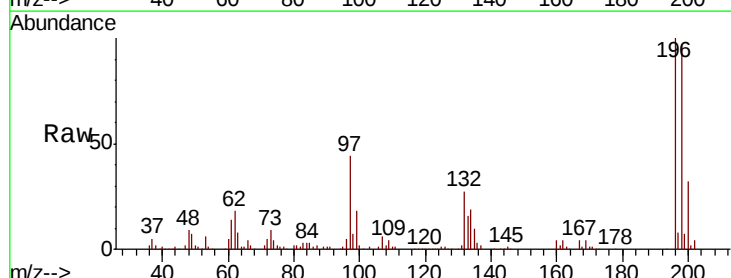
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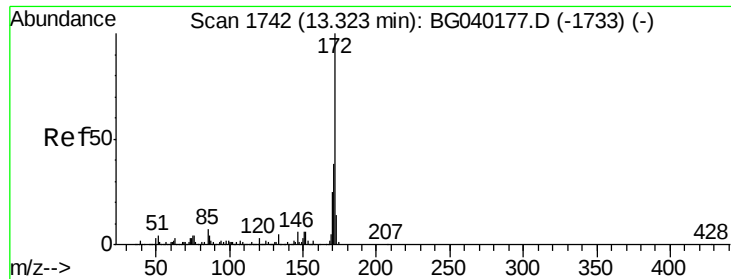
Sohil
 4/2/2019 4:00:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.143 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144108		
198	96.6	75.0	112.6	
97	44.3	37.3	55.9	
132	26.6	20.9	31.3	





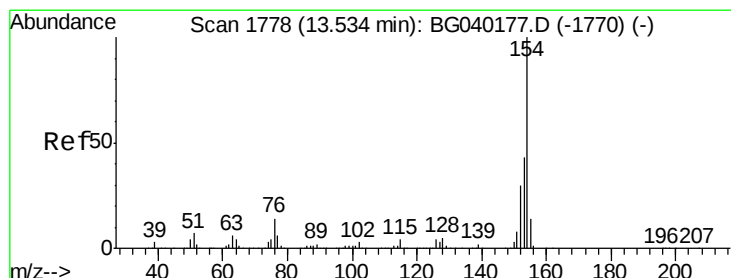
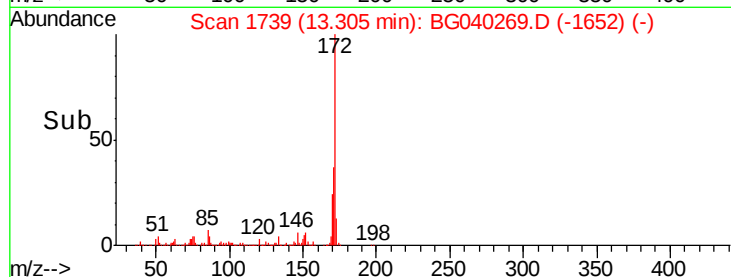
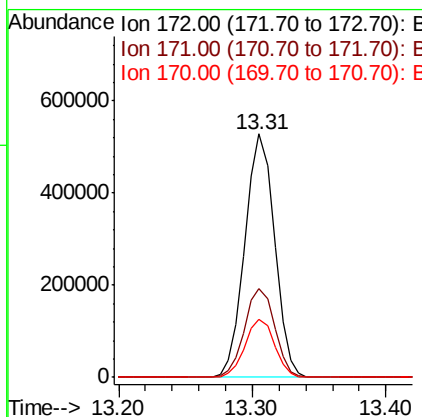
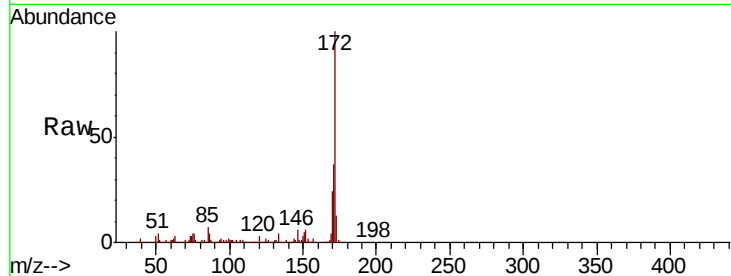
#45
2-Fluorobiphenyl
Concen: 83.848 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.1	20.1	30.1

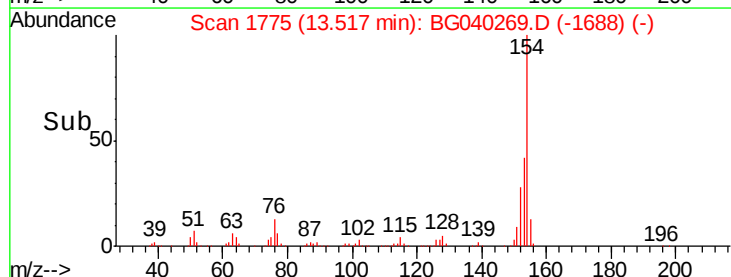
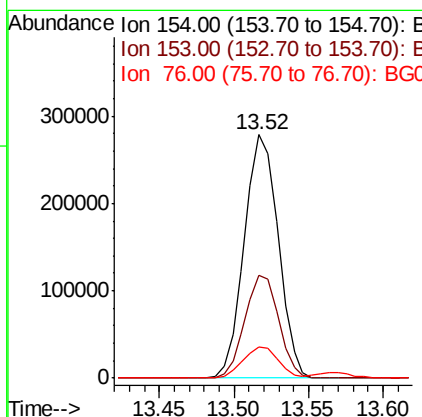
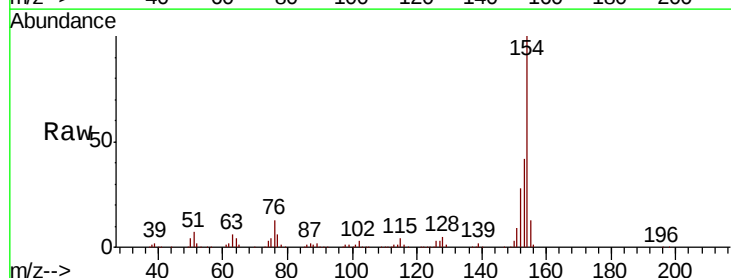
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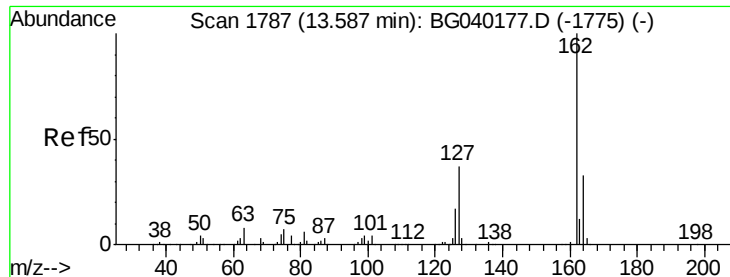
Sohil
4/2/2019 4:00:18 PM



#46
1,1'-Biphenyl
Concen: 38.847 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.5	62.5
76	12.9	0.0	33.7





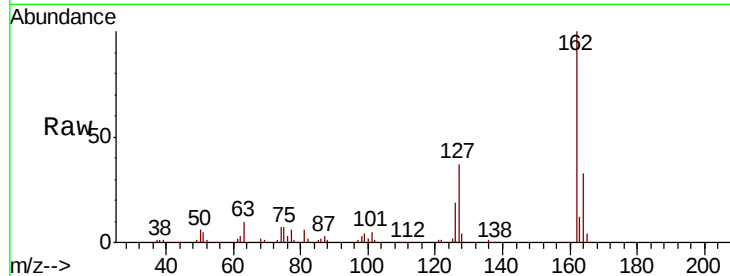
#47
2-Chloronaphthalene
Concen: 40.159 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	347861		
127	37.3	30.6	45.8	
164	33.0	26.2	39.4	

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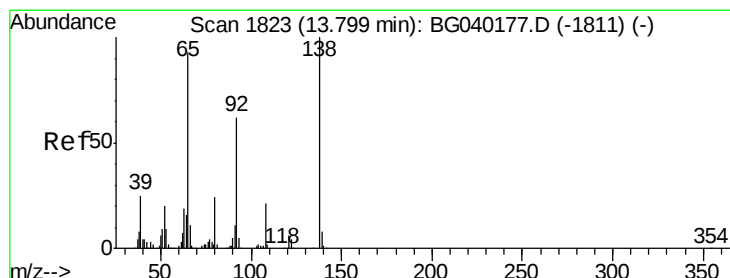
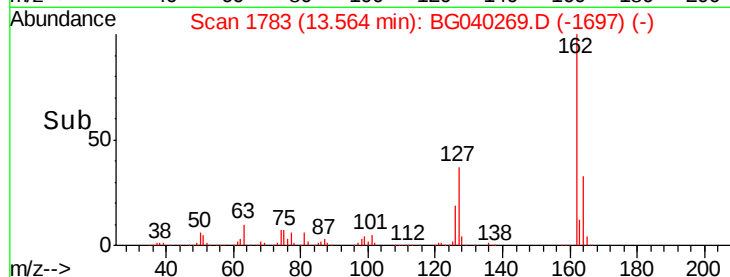
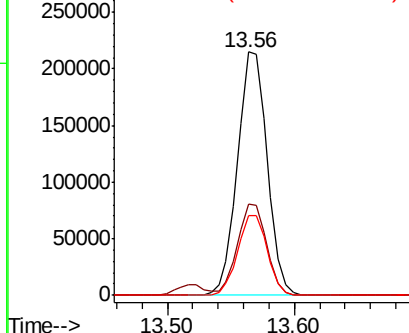


Abundance

Ion 162.00 (161.70 to 162.70): E

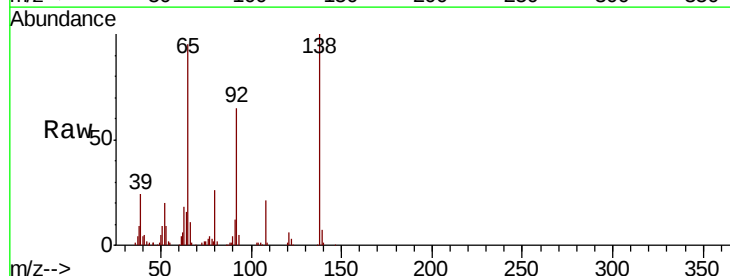
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.680 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	121782		
92	68.3	53.8	80.6	
138	105.1	86.3	129.5	

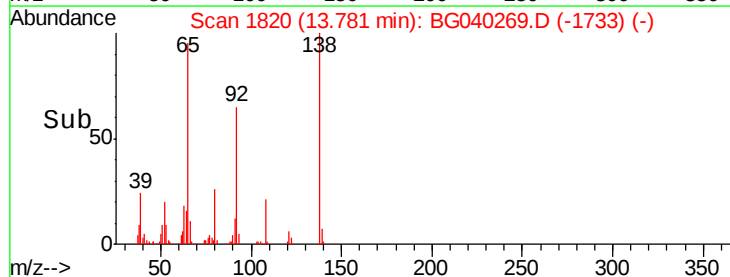
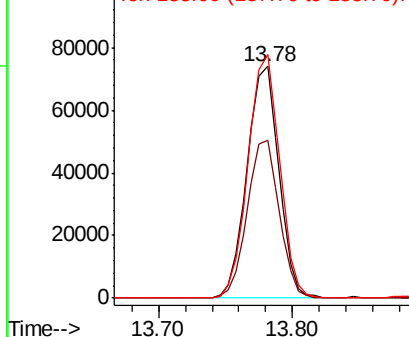


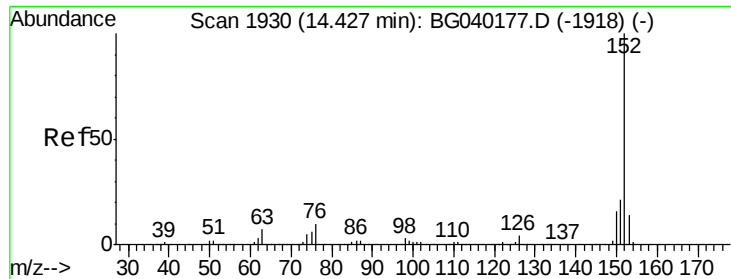
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.432 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

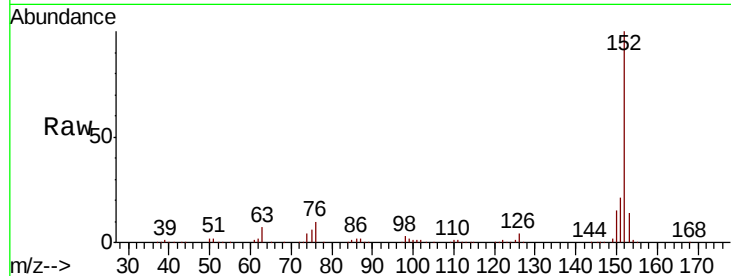
ClientSampleId :

PB118456BS

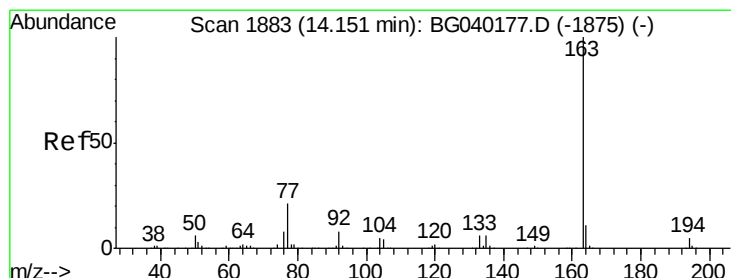
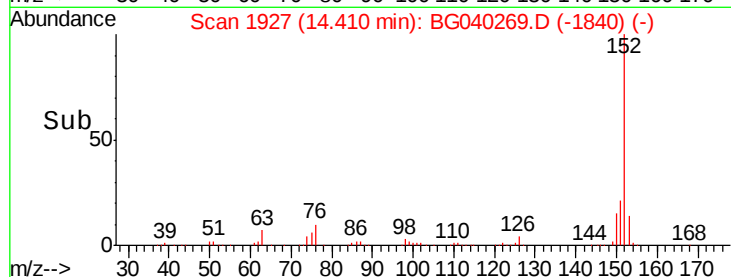
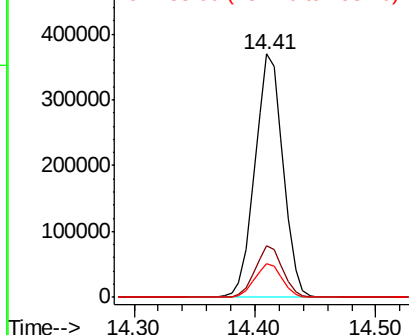
Tgt Ion:	152	Resp:	593802
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.0	25.6
153	13.7	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.841 ng

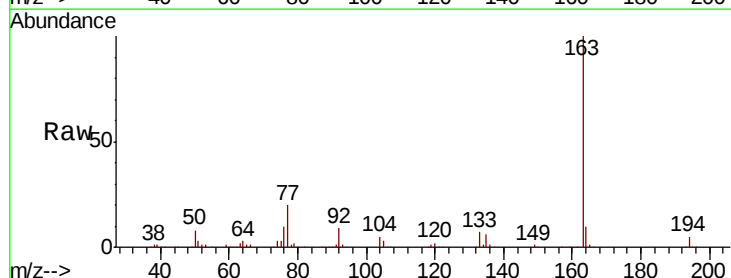
RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

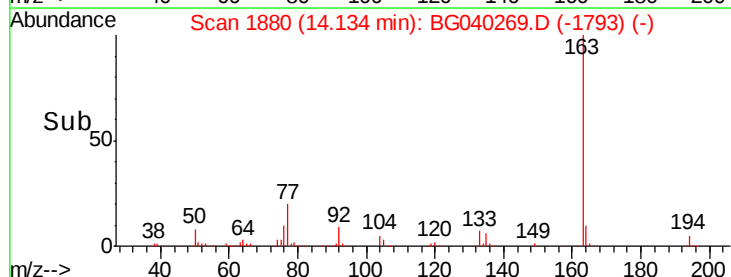
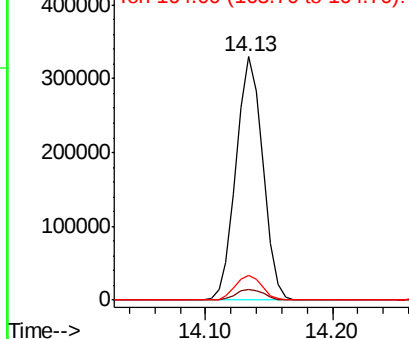
Lab File: BG040269.D

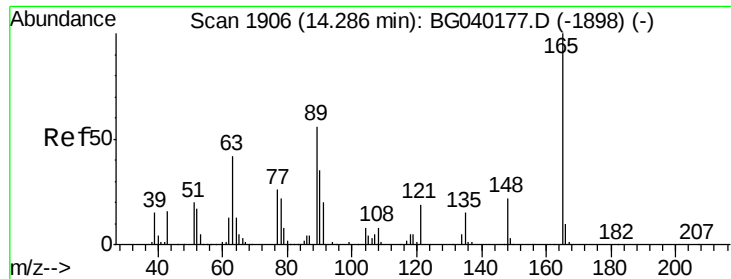
Acq: 1 Apr 2019 17:38

Tgt Ion:	163	Resp:	479204
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.0	8.6	13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.615 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

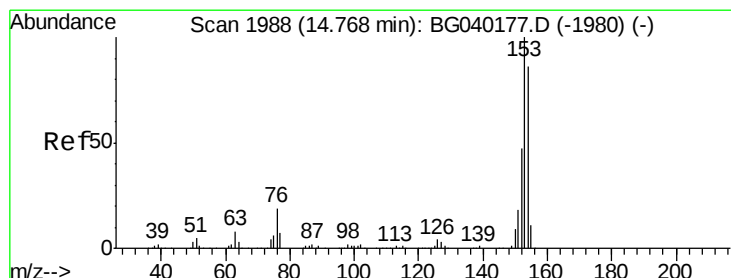
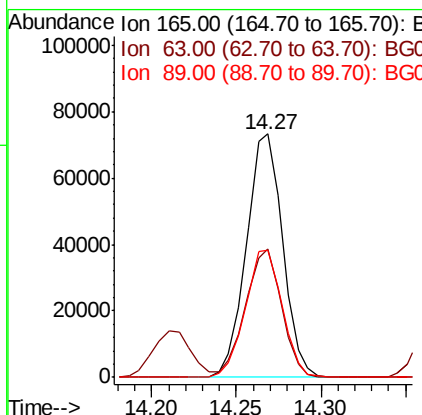
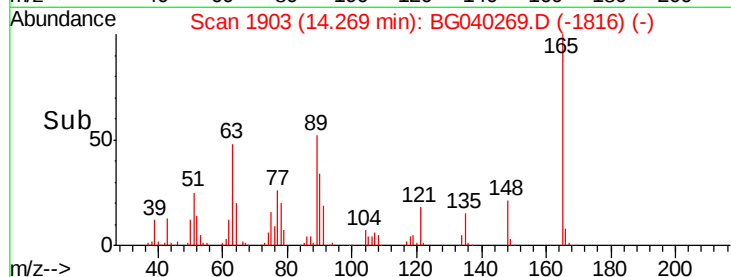
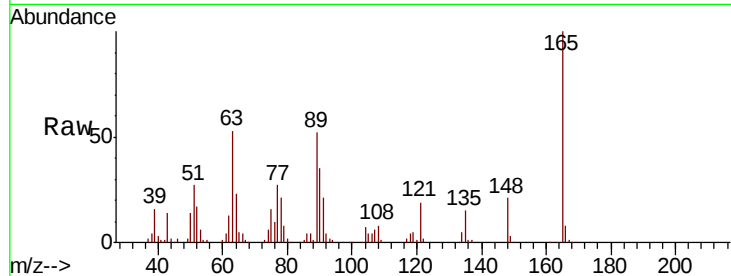
ClientSampled :

PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109542		
63	52.6	44.1	66.1	
89	52.3	44.9	67.3	

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#52

Acenaphthene

Concen: 41.219 ng

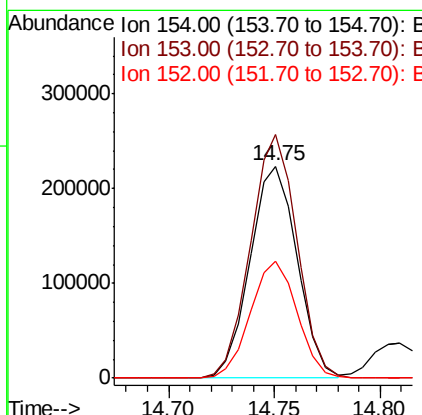
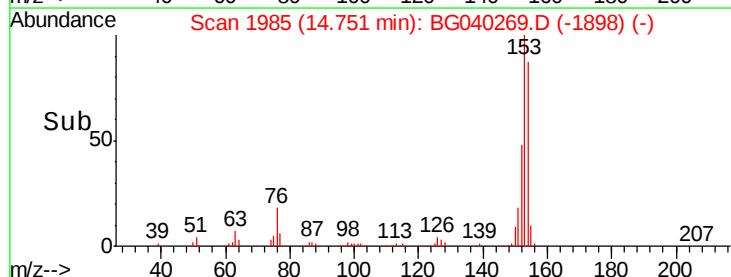
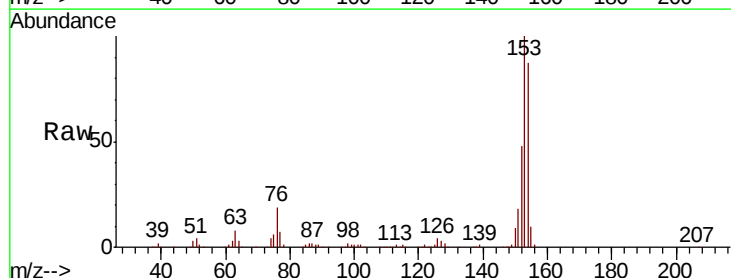
RT: 14.75 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	346883		
153	114.9	92.8	139.2	
152	55.3	43.4	65.2	





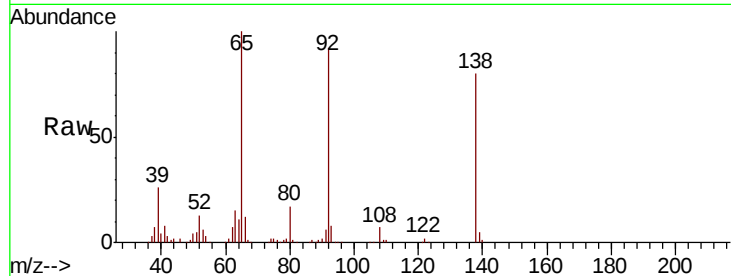
#53
3-Nitroaniline
Concen: 30.485 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

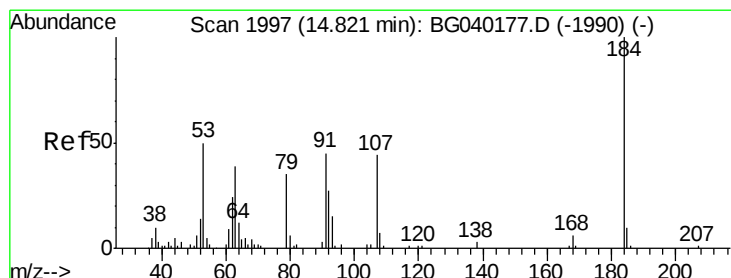
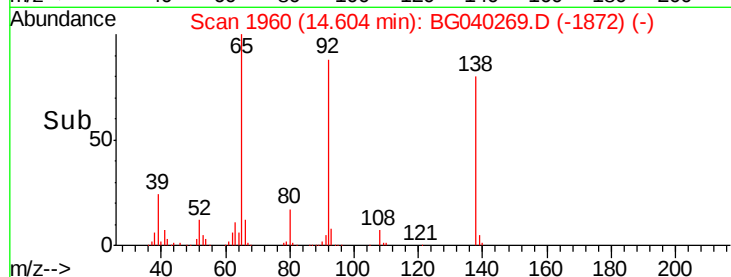
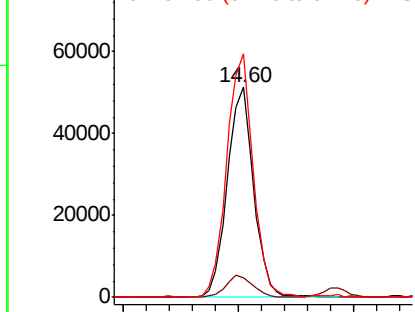
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.8	11.8
92	115.9	87.5	131.3

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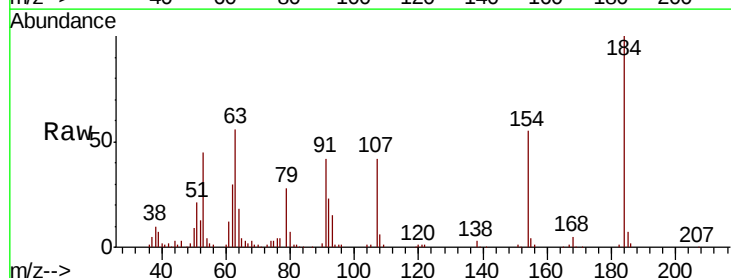


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

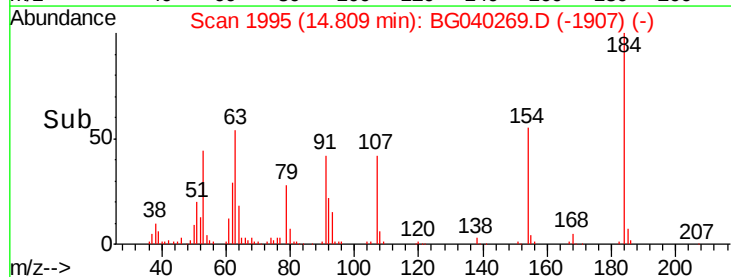
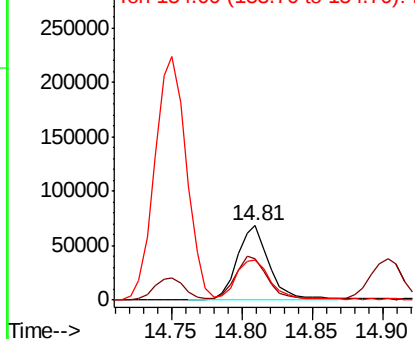


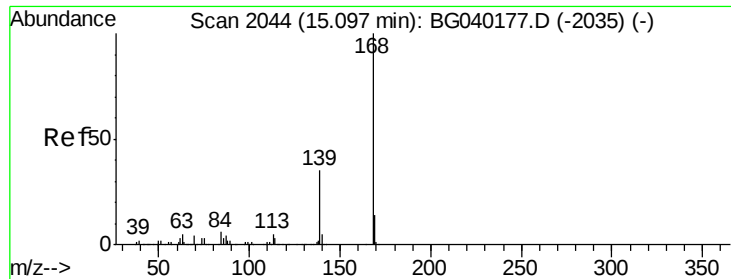
#54
2,4-Dinitrophenol
Concen: 81.283 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	51.8	77.8
154	54.9	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





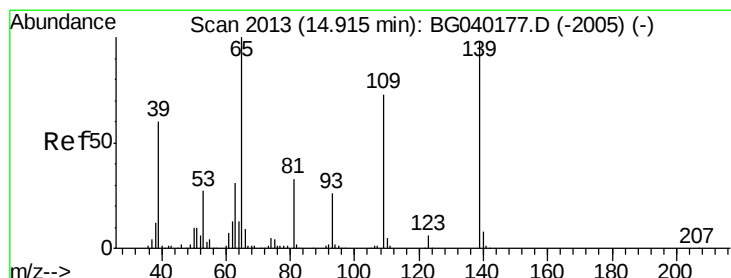
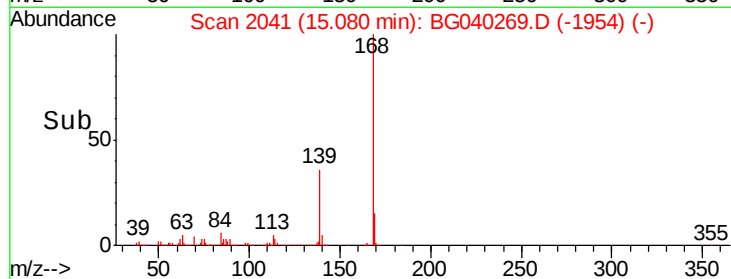
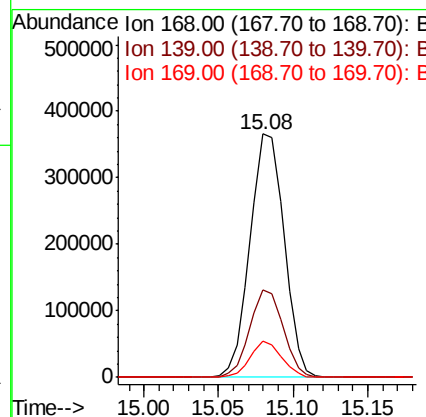
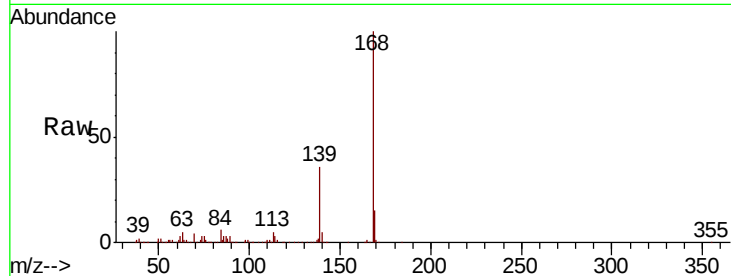
#55
Dibenzenofuran
Concen: 42.729 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.9	41.9
169	15.0	11.3	16.9

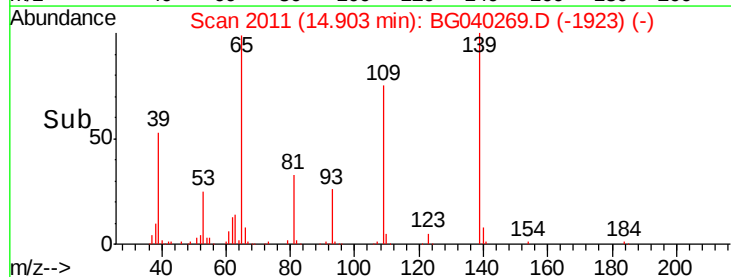
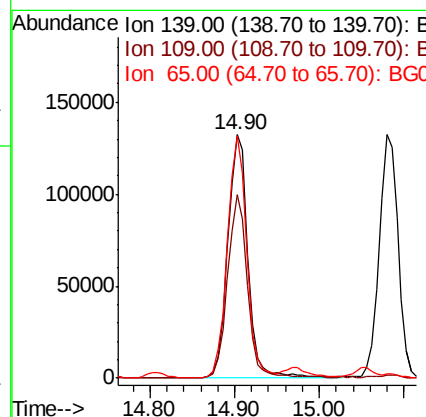
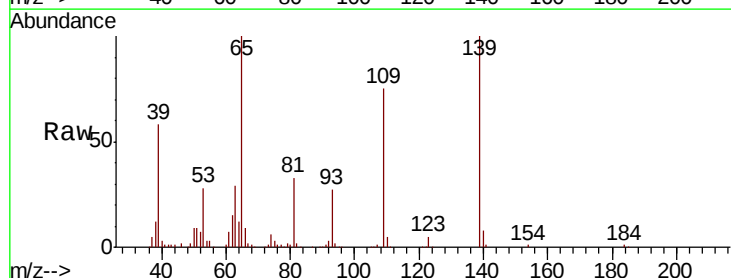
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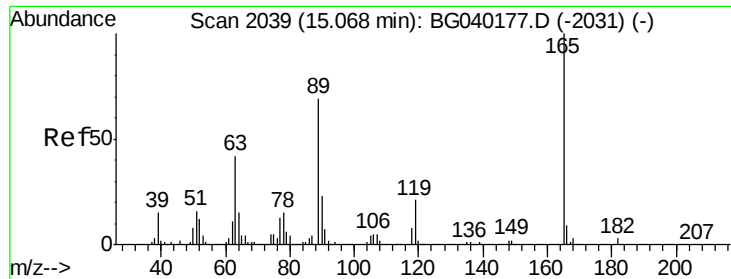
Sohil
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#56
4-Nitrophenol
Concen: 101.711 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.3	54.3	94.3
65	99.9	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 48.433 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

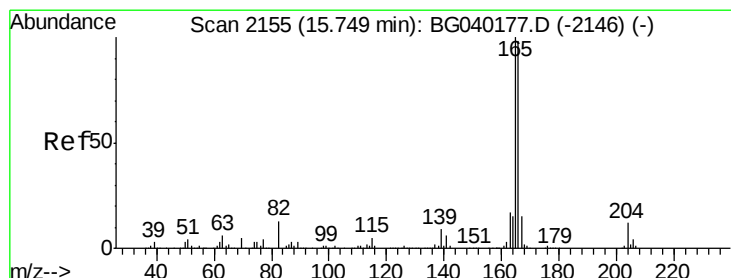
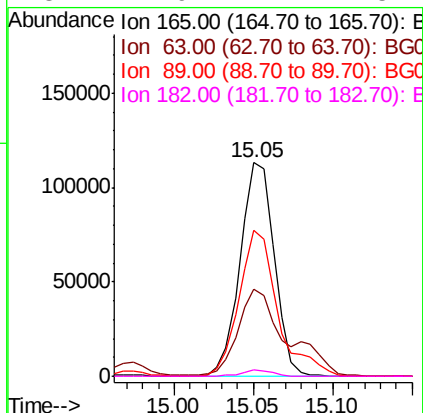
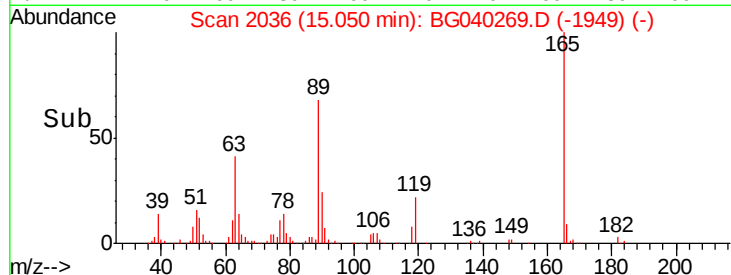
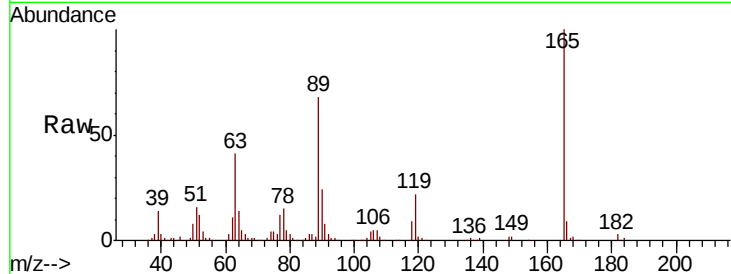
ClientSampleId :

PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169024		
63	40.9	33.8	50.6	
89	68.1	55.4	83.2	
182	2.9	2.2	3.4	

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#58

Fluorene

Concen: 43.856 ng

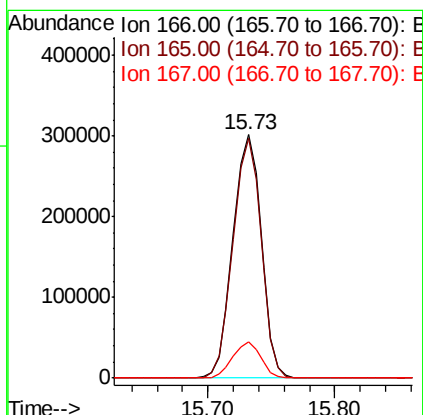
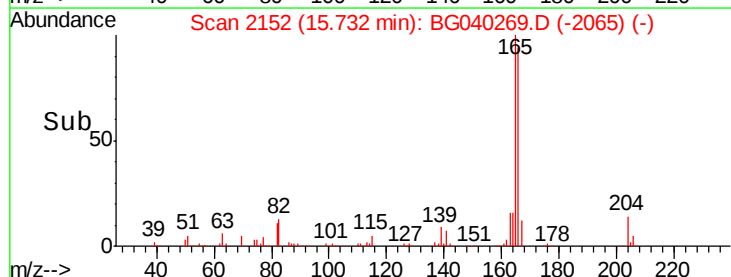
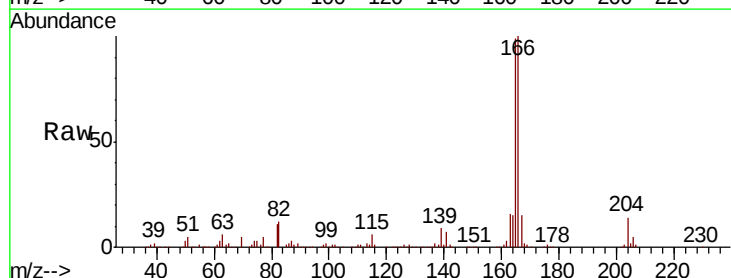
RT: 15.73 min Scan# 2152

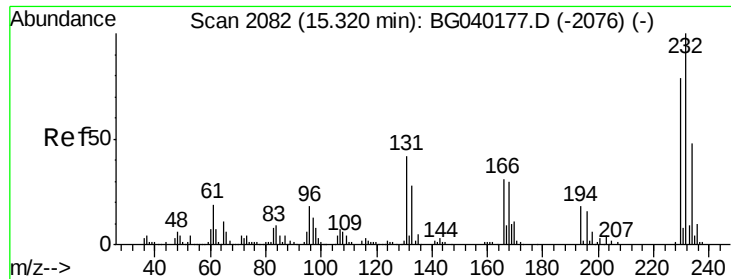
Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	466261		
165	98.5	81.7	122.5	
167	14.7	11.9	17.9	





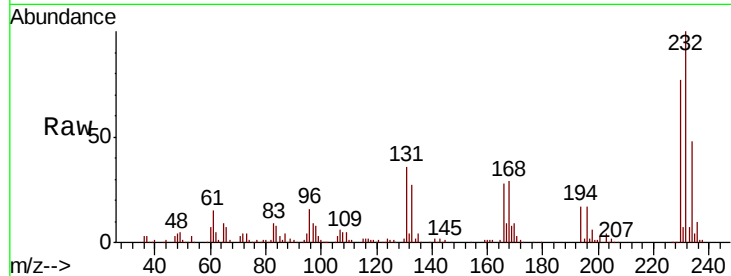
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.012 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	147772		
131	39.5	32.9	49.3	
130	2.4	1.8	2.8	
166	28.0	23.5	35.3	

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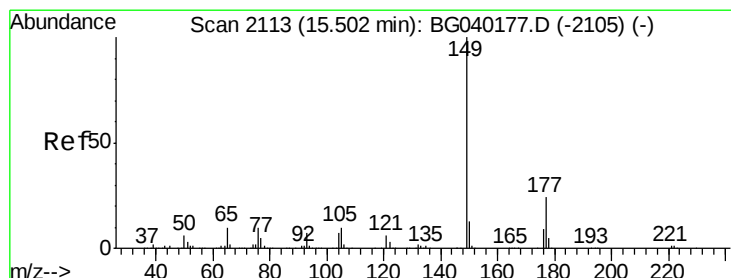
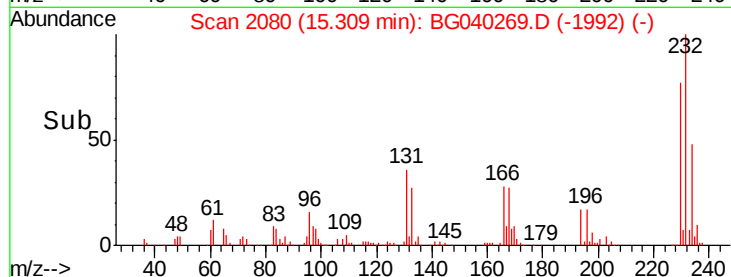
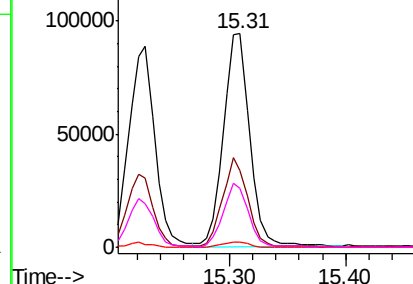
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

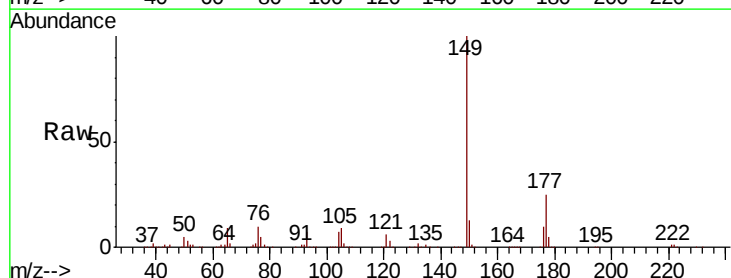
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.852 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	524832		
177	25.1	19.1	28.7	
150	13.2	10.6	15.8	

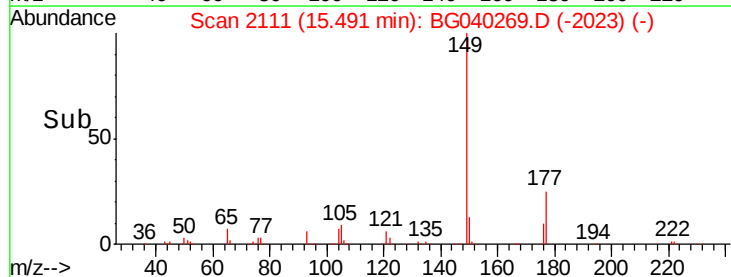
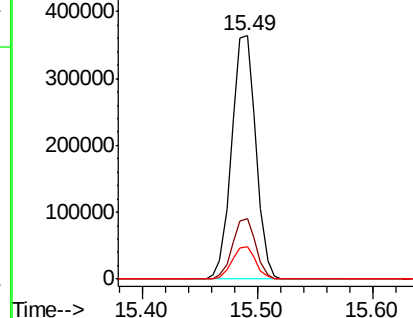


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





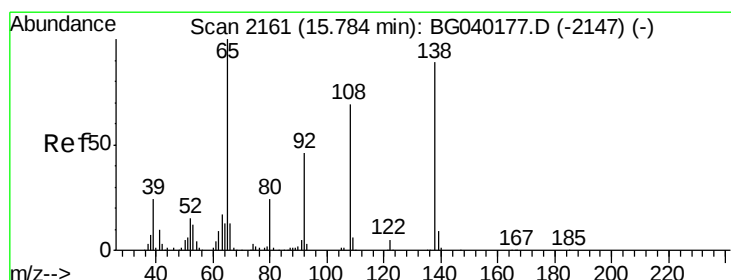
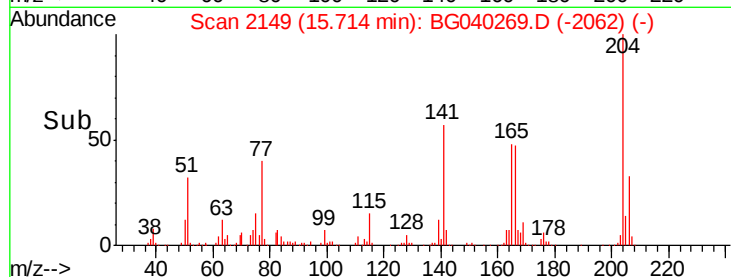
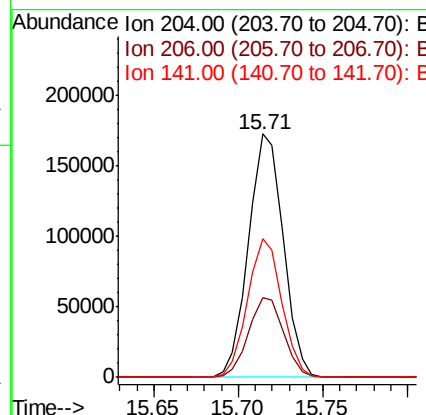
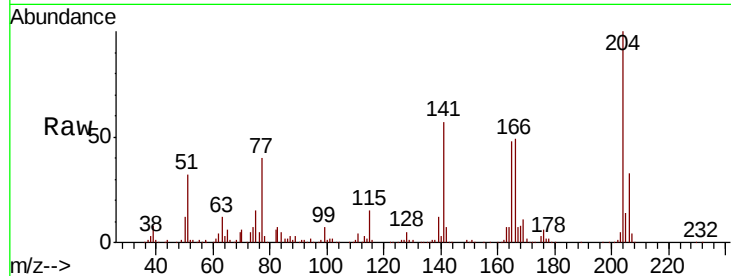
#61
4-Chlorophenyl-phenylether
Concen: 43.787 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.7	38.5
141	57.0	44.0	66.0

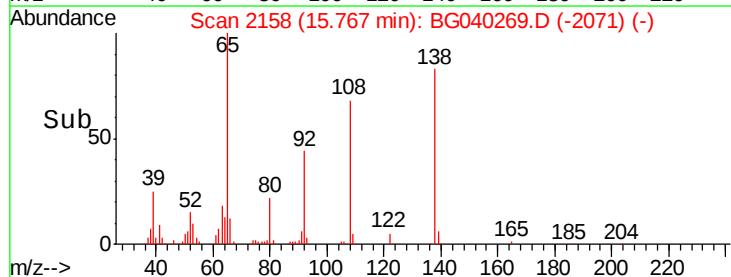
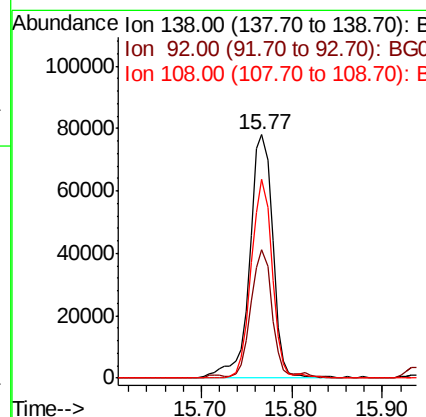
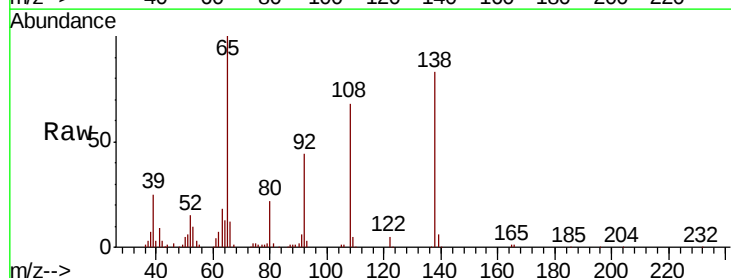
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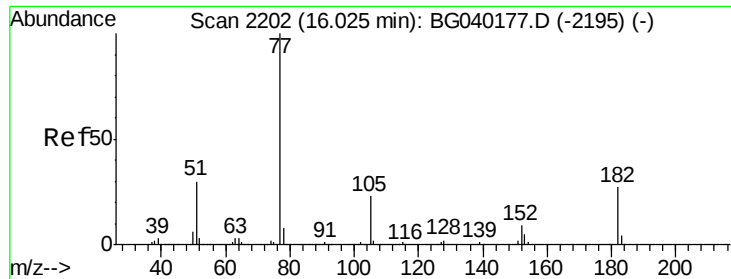
Sohil
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#62
4-Nitroaniline
Concen: 48.160 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.8	71.8
108	81.7	57.2	97.2





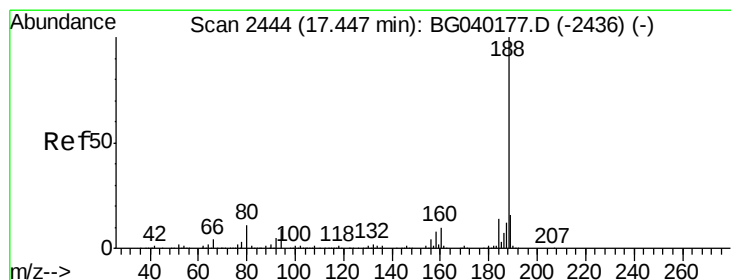
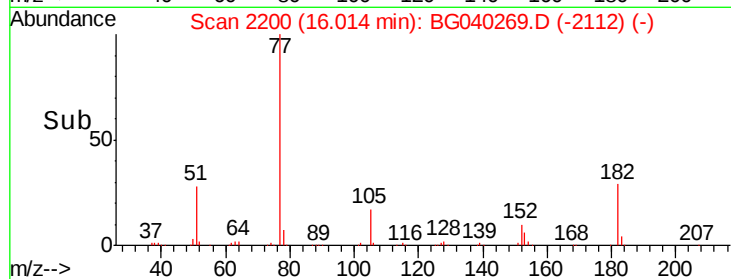
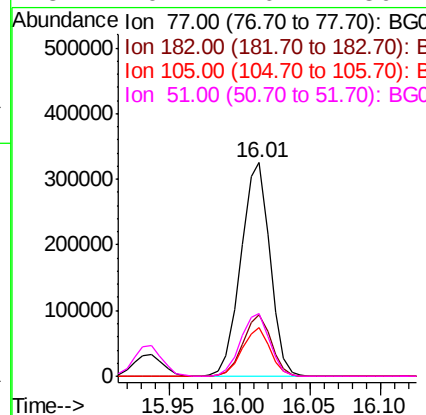
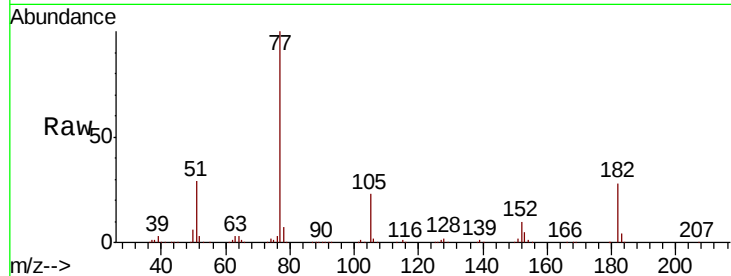
#63
Azobenzene
Concen: 43.155 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.2	47.2
105	22.7	2.8	42.8
51	29.4	10.4	50.4

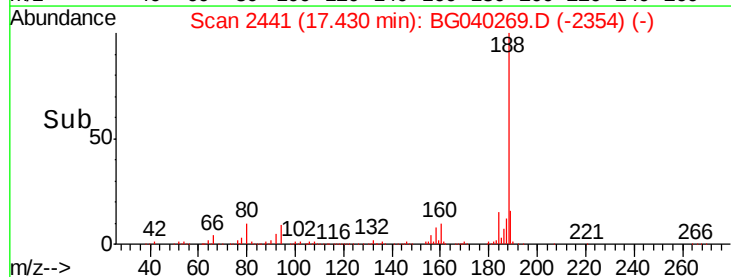
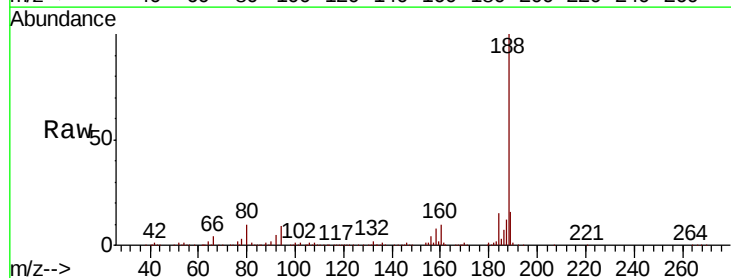
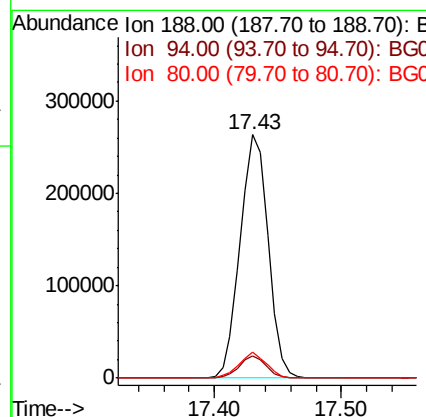
Manual Integrations
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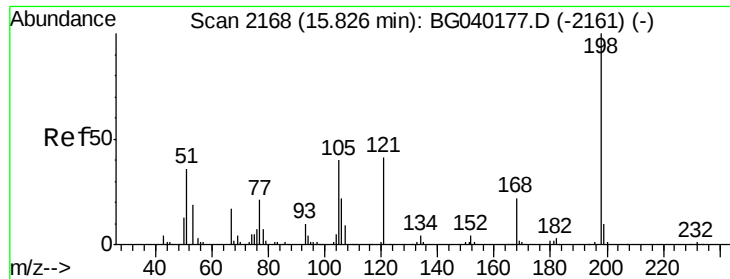
Sohil
4/2/2019 4:00:18 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.4	8.6	13.0





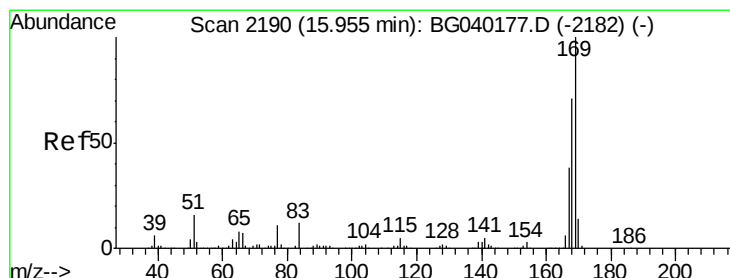
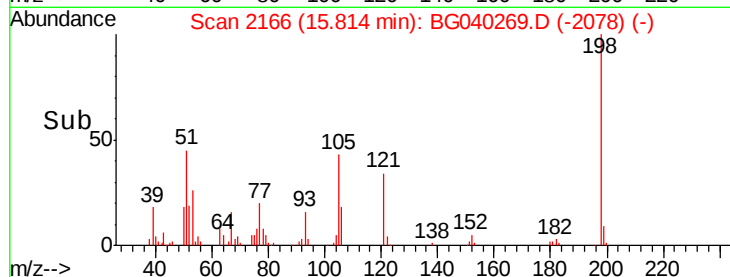
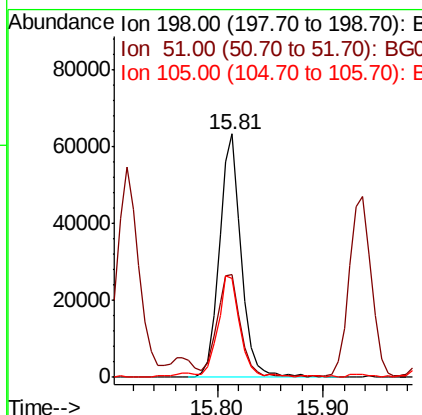
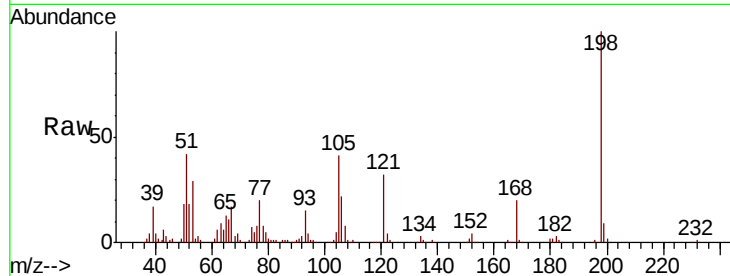
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.252 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91006		
51	42.5	27.3	67.3	
105	40.5	21.7	61.7	

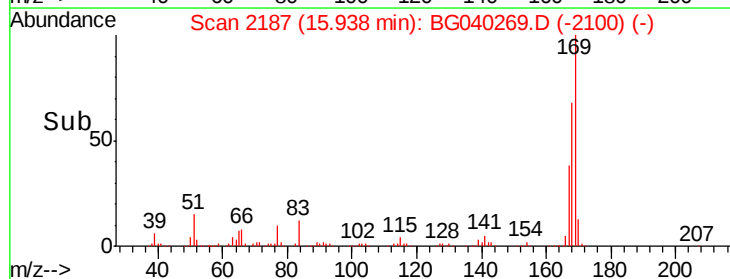
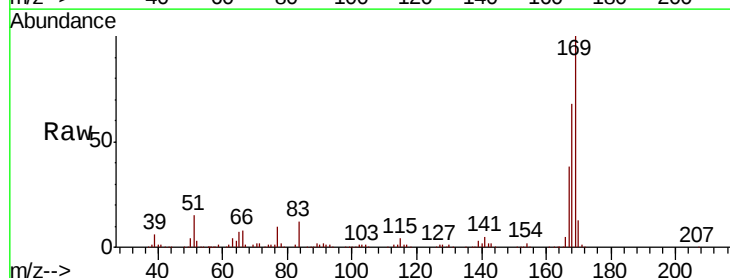
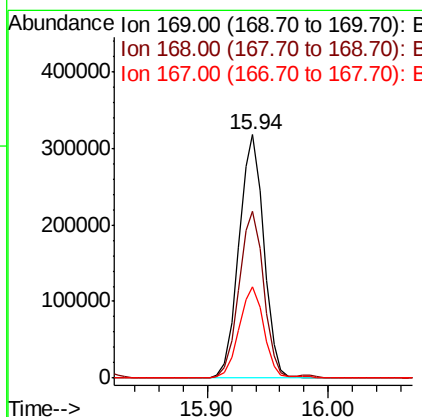
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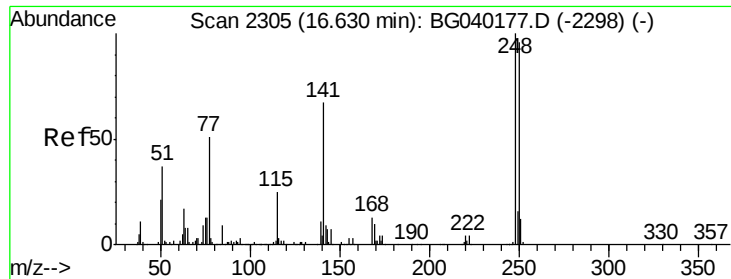
Sohil
 4/2/2019 4:00:18 PM



#66
 n-Nitrosodiphenylamine
 Concen: 38.713 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	455890		
168	68.4	56.8	85.2	
167	37.7	30.2	45.4	





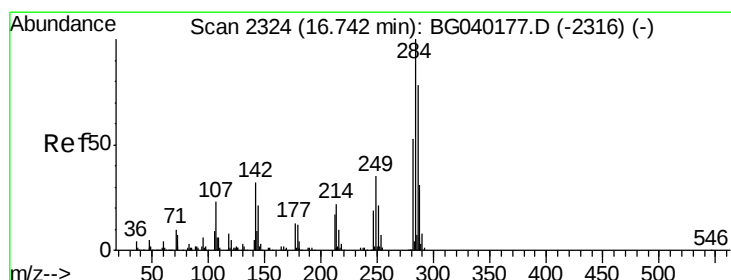
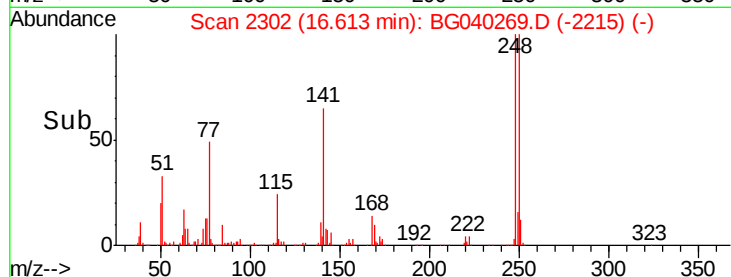
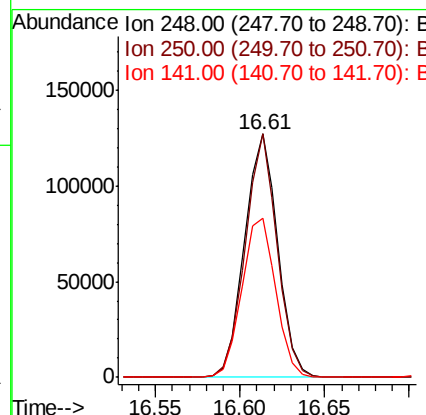
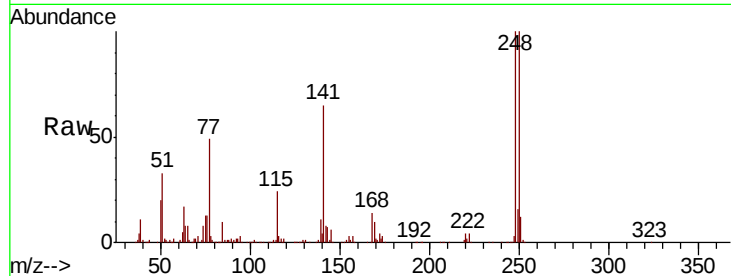
#67
4-Bromophenyl-phenylether
Concen: 38.295 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173427		
250	100.0	76.4	114.6	
141	65.2	53.8	80.8	

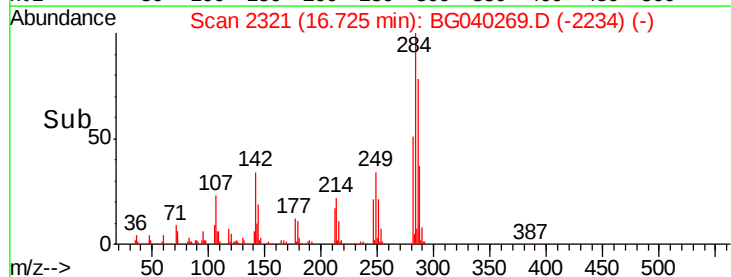
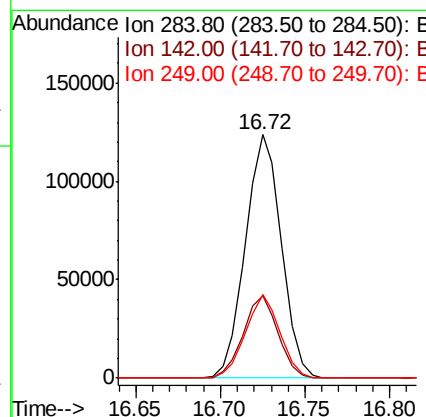
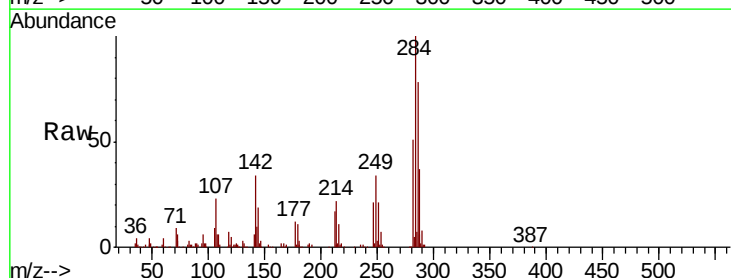
Manual Integrations
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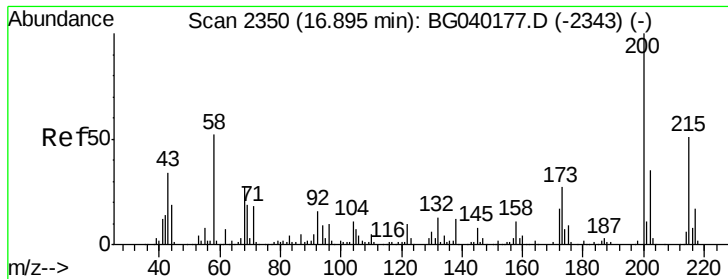
Sohil
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#68
Hexachlorobenzene
Concen: 40.102 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	182600		
142	33.9	25.3	37.9	
249	34.4	28.2	42.2	





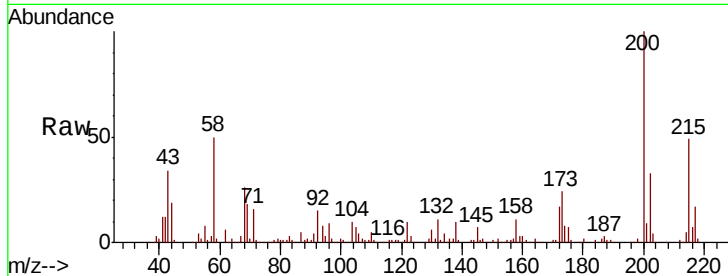
#69
 Atrazine
 Concen: 37.773 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.9	7.1	47.1
215	49.1	30.9	70.9

Manual Integrations
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Sohil
 4/2/2019 4:00:18 PM

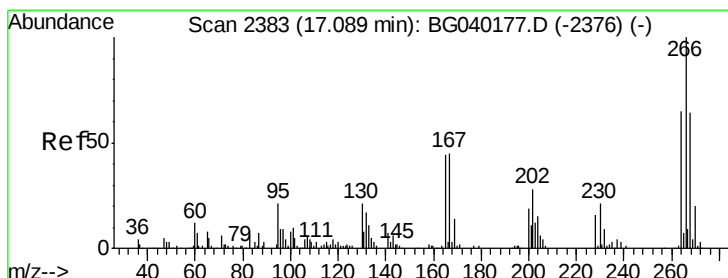
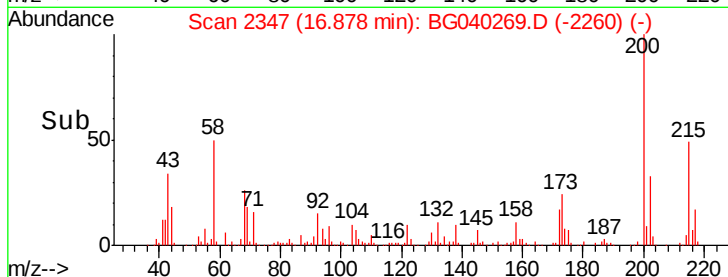
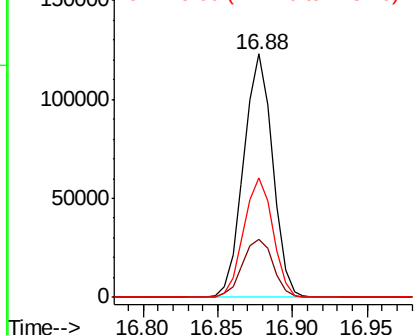


Abundance

Ion 200.00 (199.70 to 200.70): E

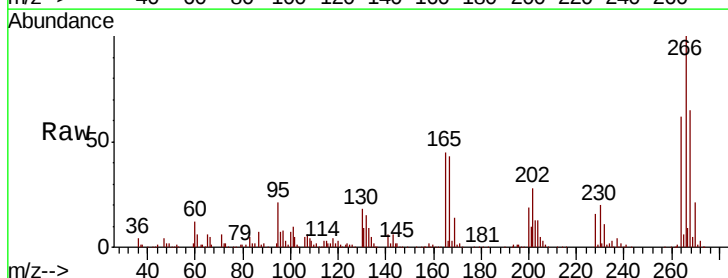
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 77.254 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	55.0	82.4
264	61.9	51.8	77.8

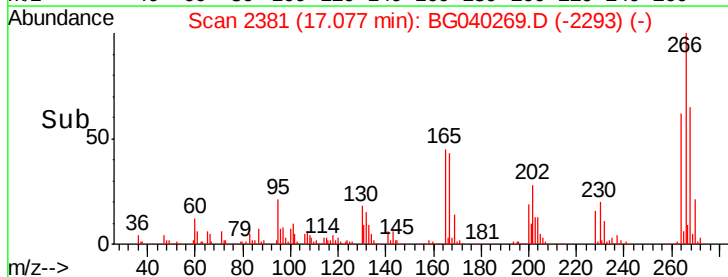
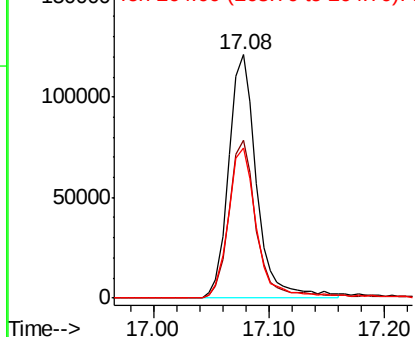


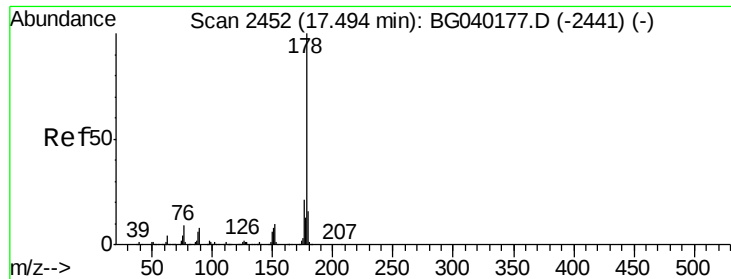
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





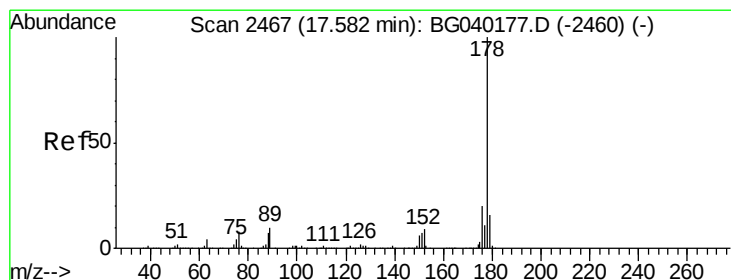
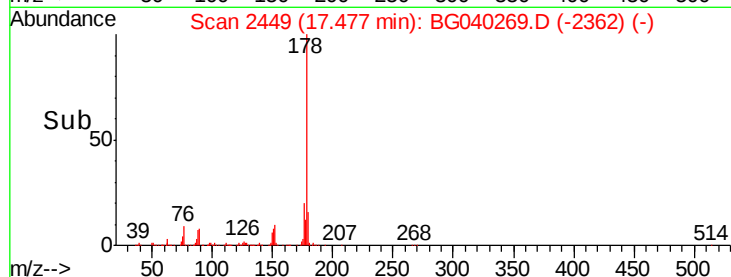
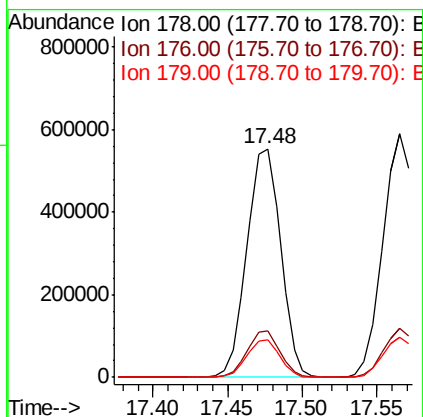
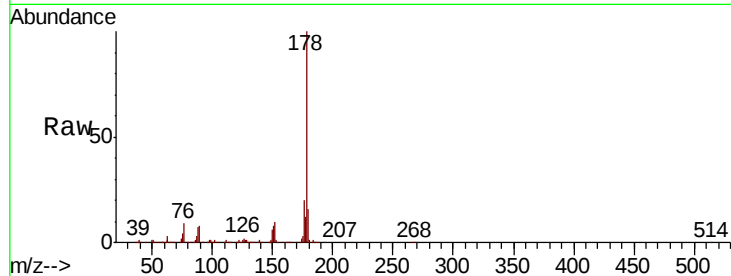
#71
Phenanthrene
Concen: 41.016 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.7	25.1
179	16.4	12.8	19.2

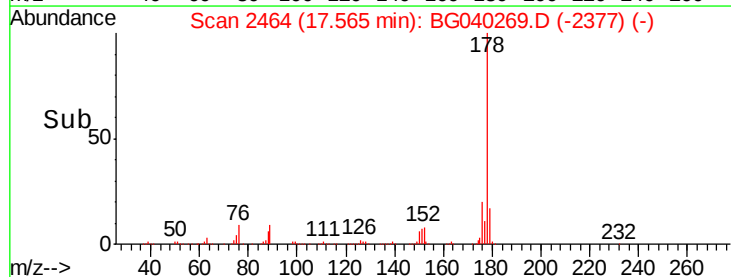
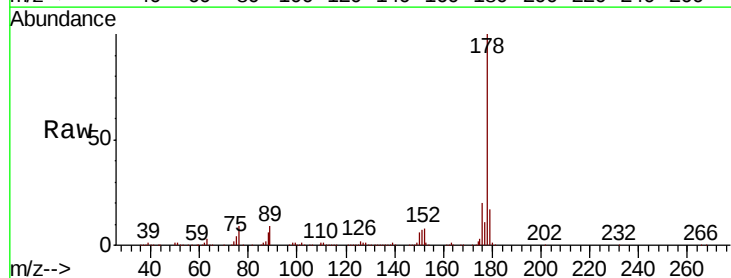
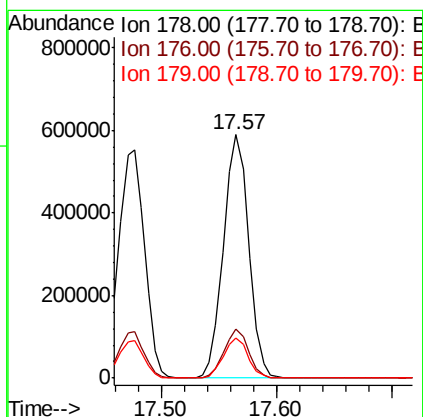
Manual Integrations
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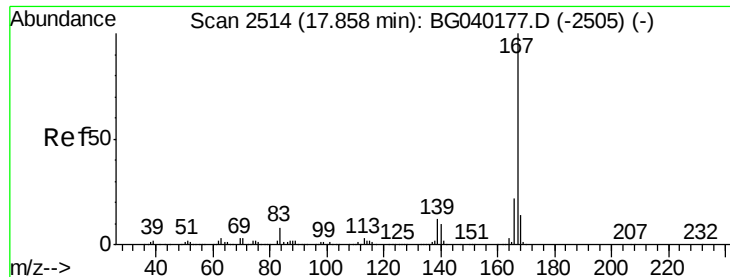
Sohil
4/2/2019 4:00:18 PM



#72
Anthracene
Concen: 42.118 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.6	12.9	19.3





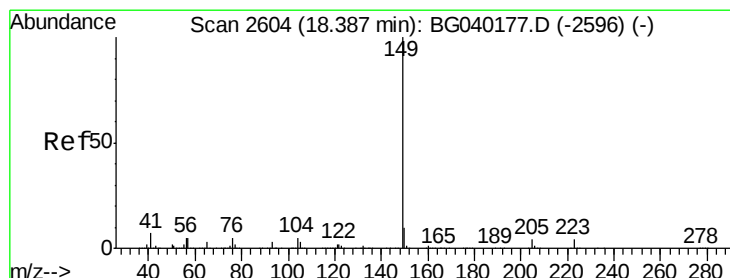
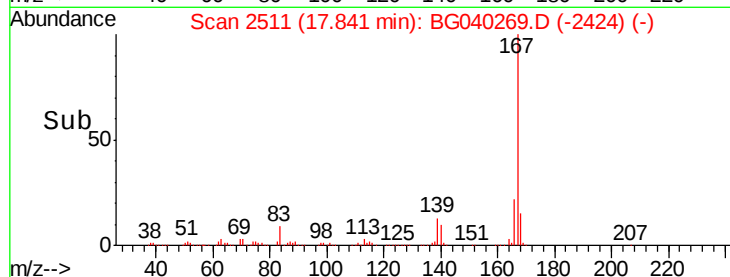
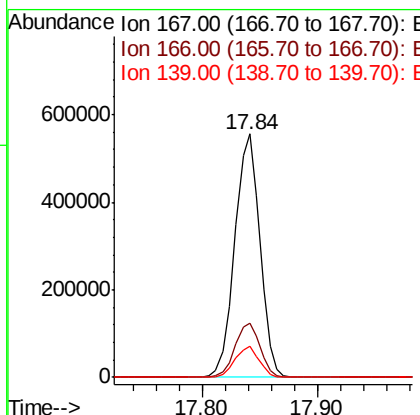
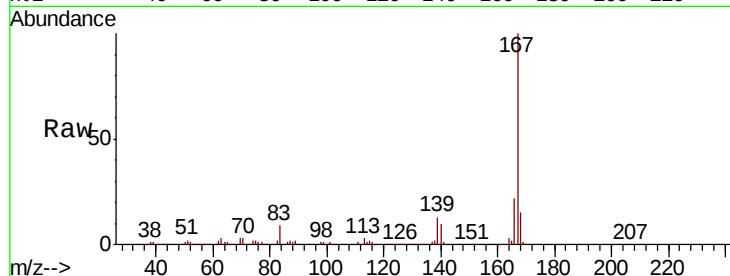
#73
 Carbazole
 Concen: 41.619 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	833904		
166	22.4	17.5	26.3	
139	12.9	10.0	15.0	

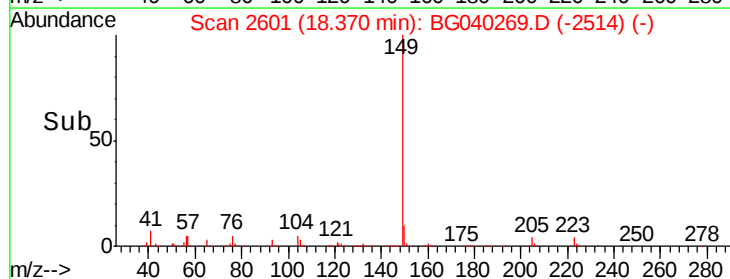
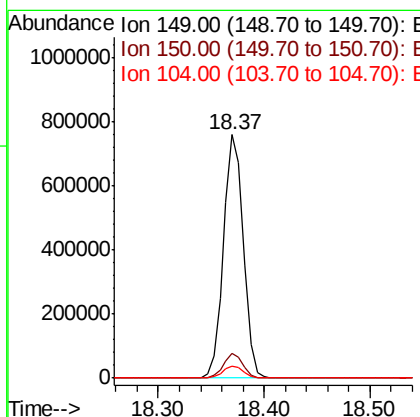
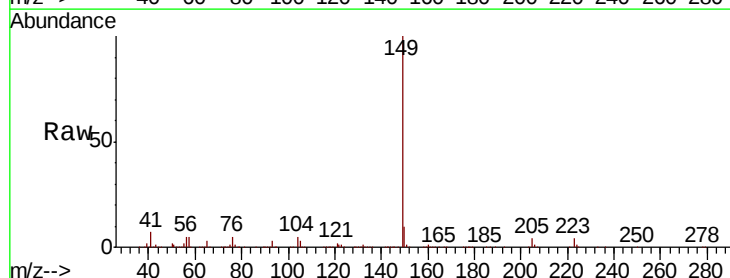
Manual Integrations
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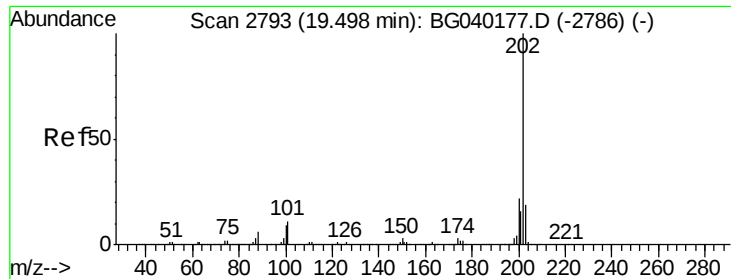
Sohil
 4/2/2019 4:00:18 PM



#74
 Di-n-butylphthalate
 Concen: 41.570 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	987315		
150	10.0	7.9	11.9	
104	5.2	4.1	6.1	





#75

Fluoranthene

Concen: 41.962 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

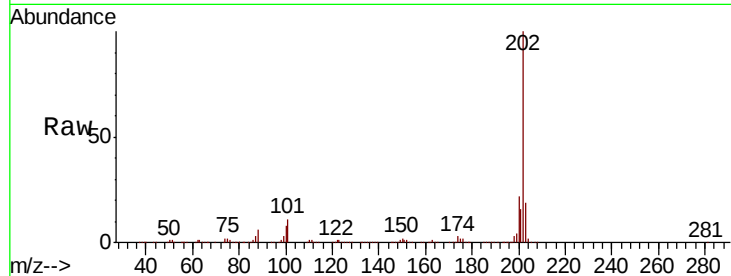
ClientSampleId :

PB118456BS

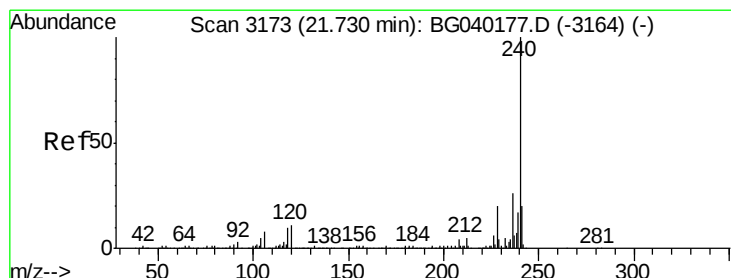
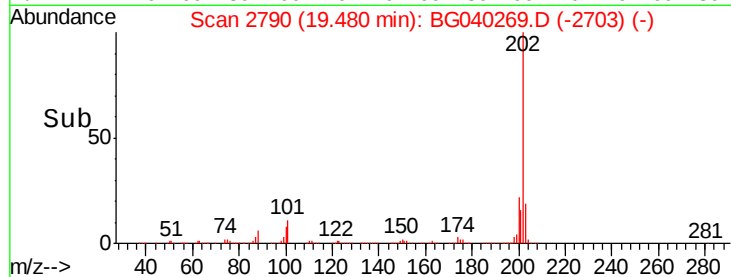
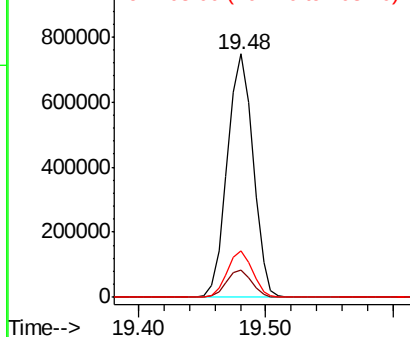
Tgt Ion:	202	Resp:	1051028
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.8
203	19.0	0.0	38.9

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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

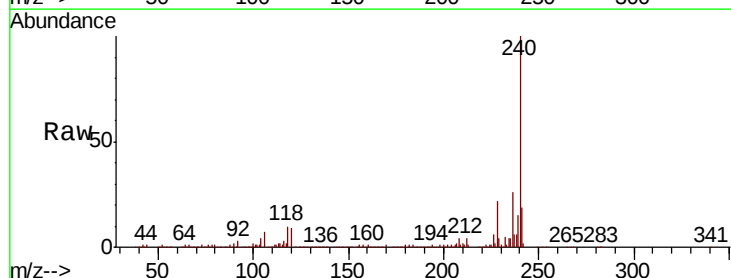
RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

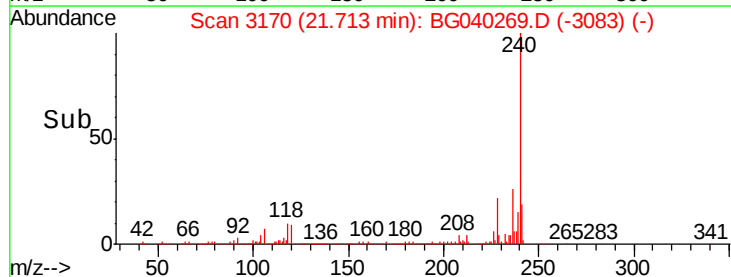
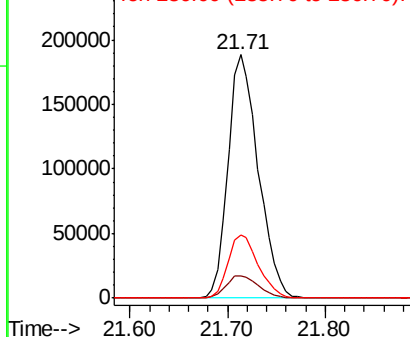
Lab File: BG040269.D

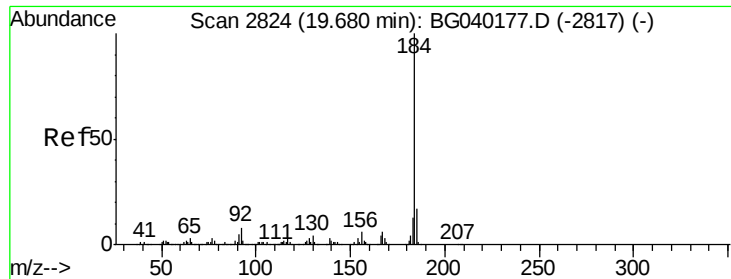
Acq: 1 Apr 2019 17:38

Tgt Ion:	240	Resp:	405217
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	26.1	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: 31.949 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

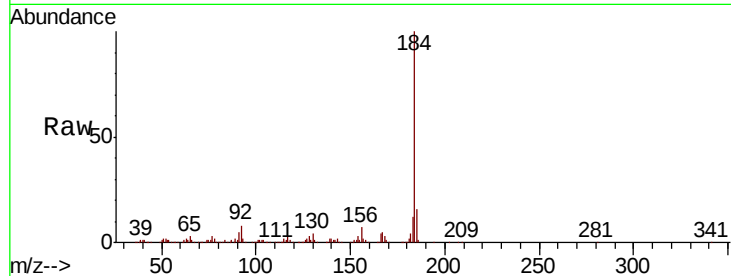
ClientSampleId :

PB118456BS

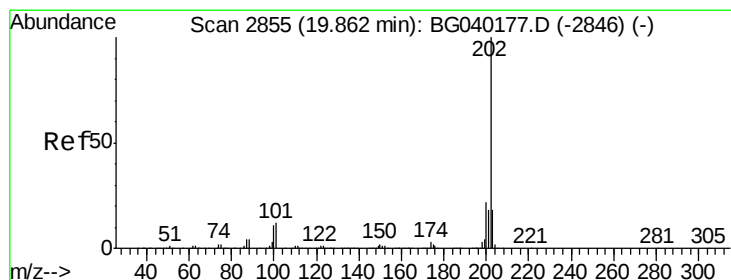
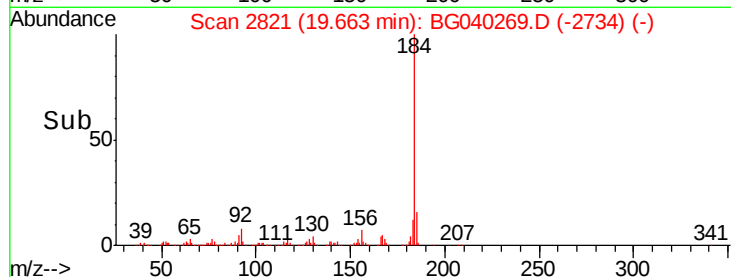
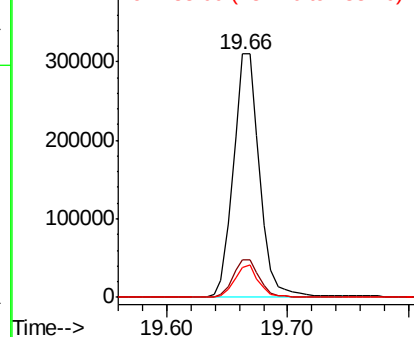
Tgt Ion:	184	Resp:	467505
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.3	19.9
183	12.2	10.3	15.5

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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: 39.919 ng

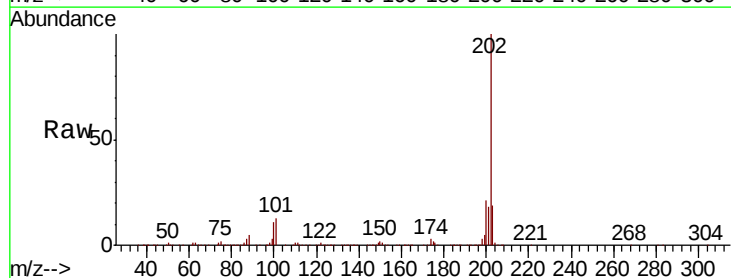
RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

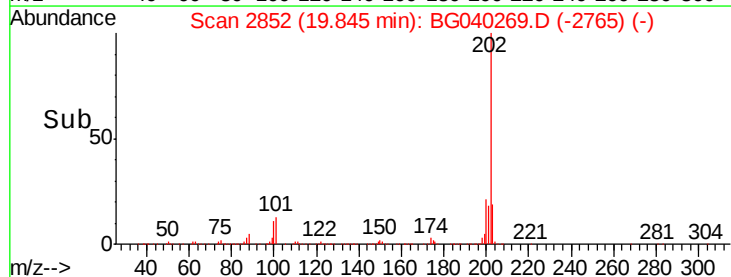
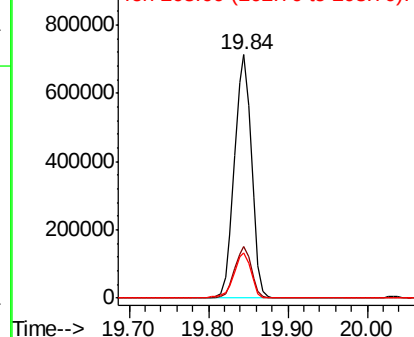
Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	202	Resp:	1063739
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.3	25.9
203	18.7	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





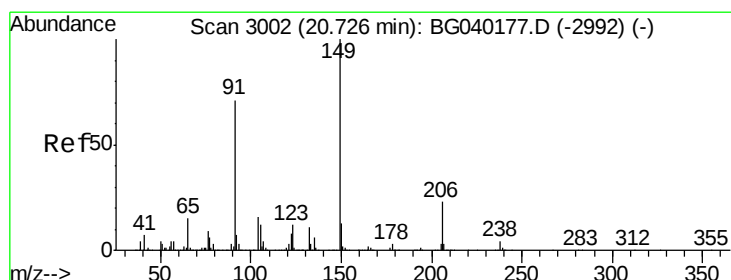
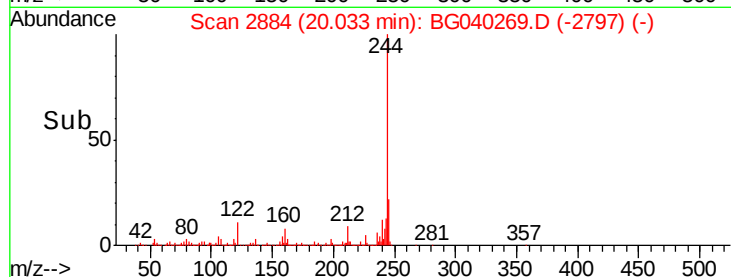
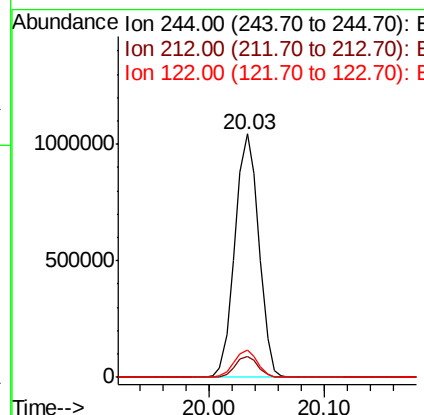
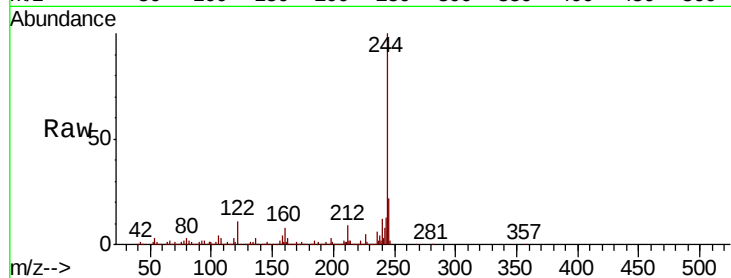
#79
 Terphenyl-d14
 Concen: 83.065 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampled :
 PB118456BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	11.1	8.5	12.7

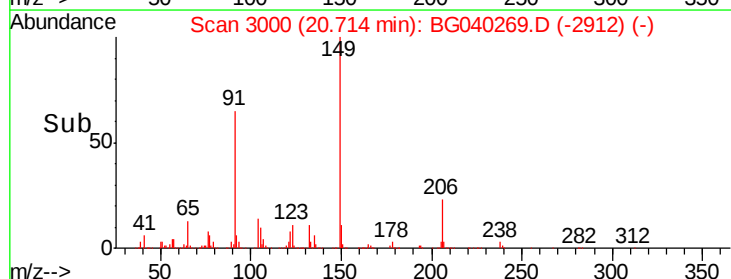
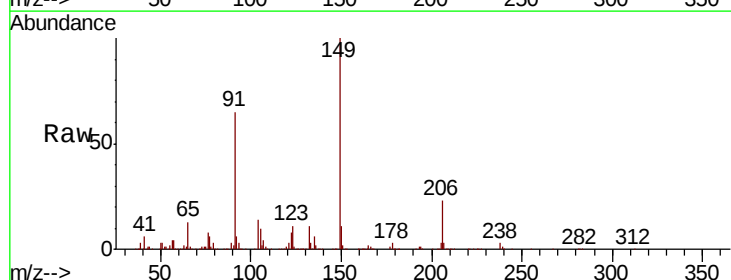
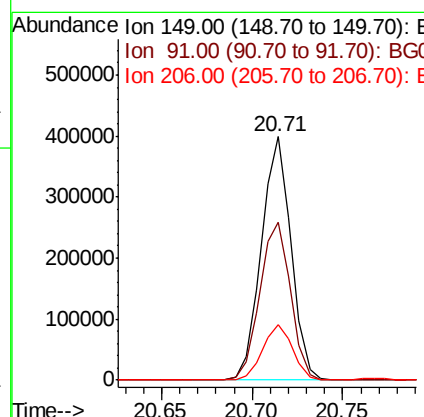
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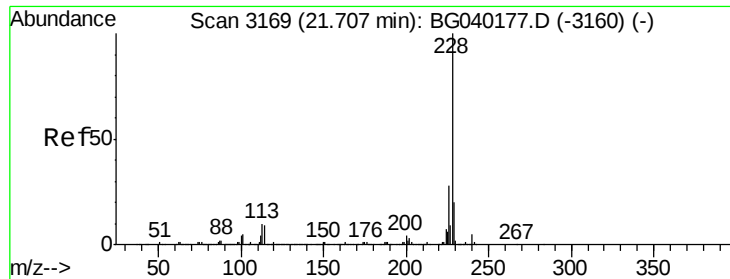
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#80
 Butylbenzylphthalate
 Concen: 40.145 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.01 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	57.0	85.4
206	22.9	18.2	27.4





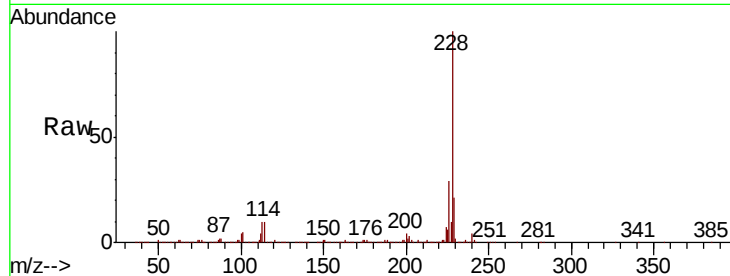
#81
Benzo(a)anthracene
Concen: 38.157 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.1	16.1	24.1

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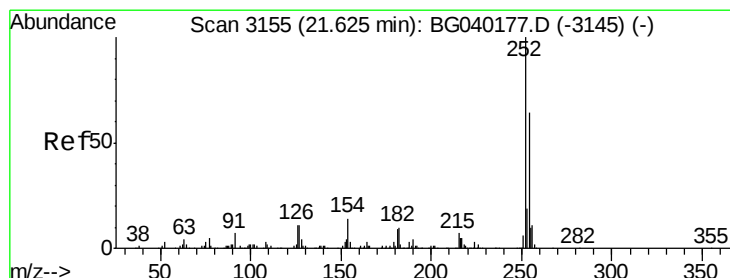
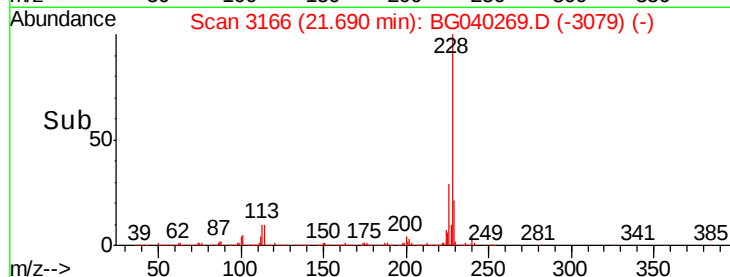
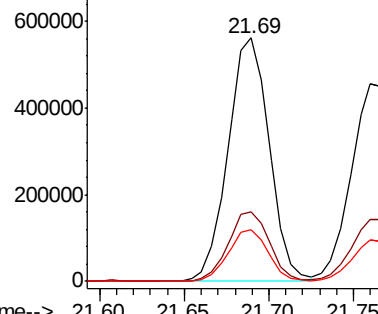


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 22.443 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

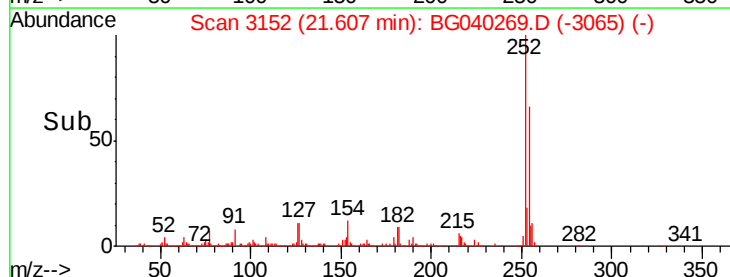
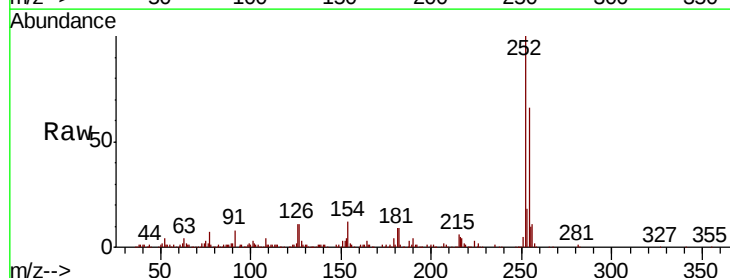
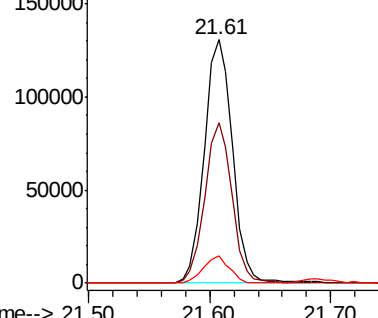
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.4	77.2
126	11.0	8.5	12.7

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





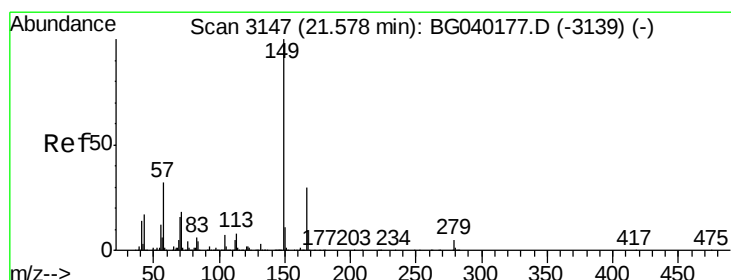
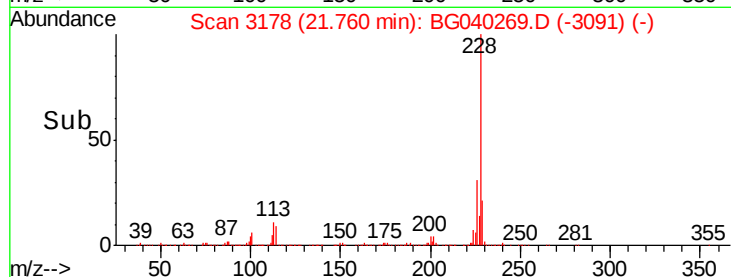
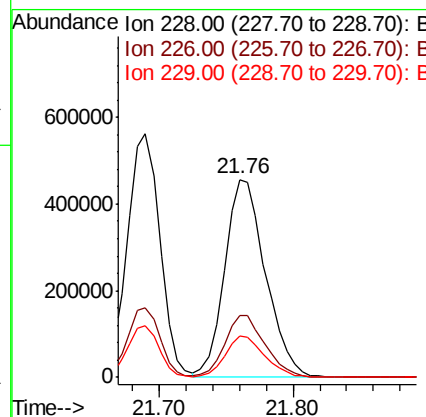
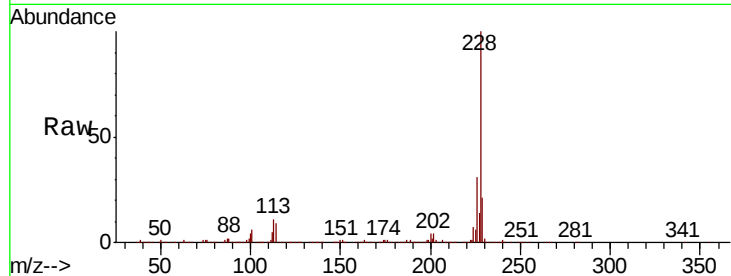
#83
Chrysene
Concen: 40.358 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	968084		
226	31.2	25.4	38.0	
229	20.7	17.0	25.4	

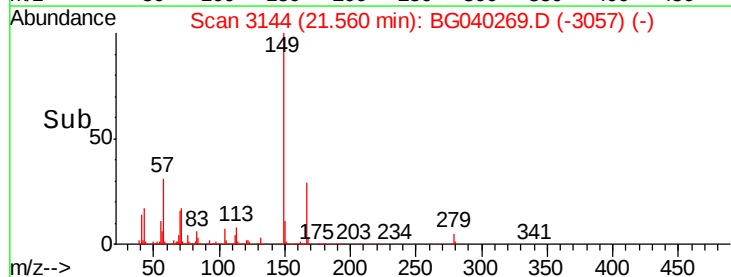
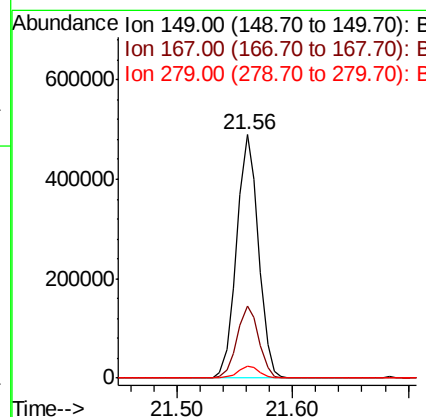
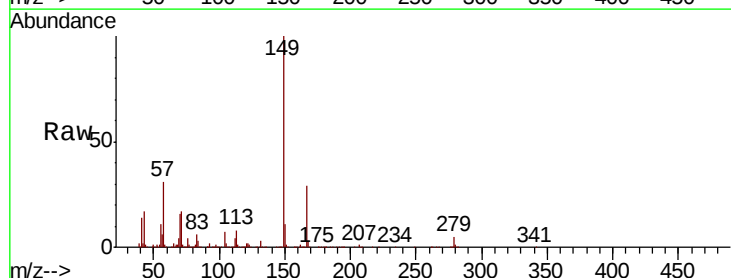
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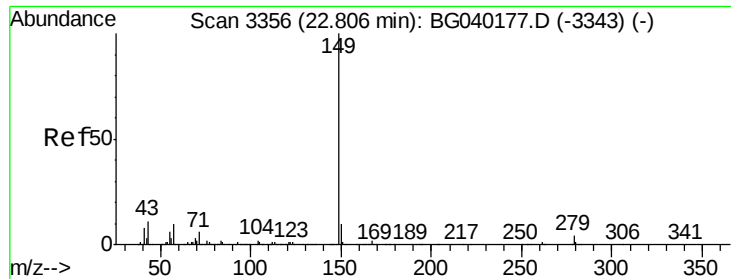
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.285 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	640343		
167	29.4	24.1	36.1	
279	4.7	4.1	6.1	





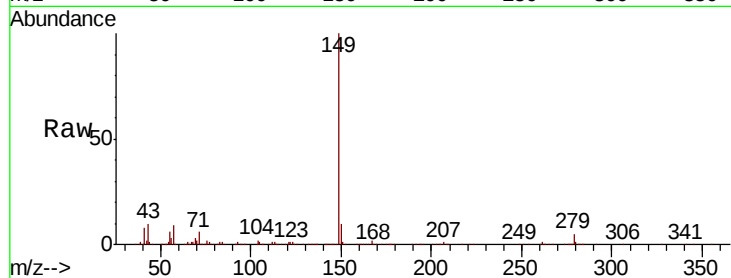
#85
Di-n-octyl phthalate
Concen: 39.194 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

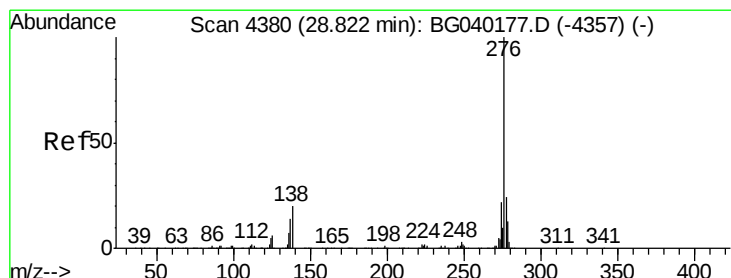
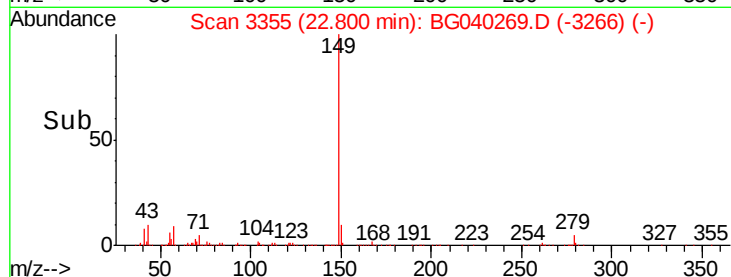
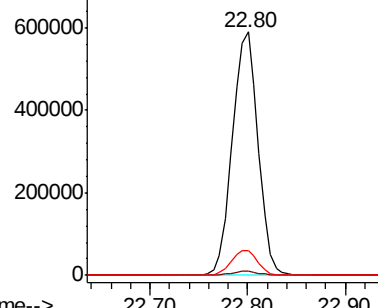
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.6	8.7	13.1

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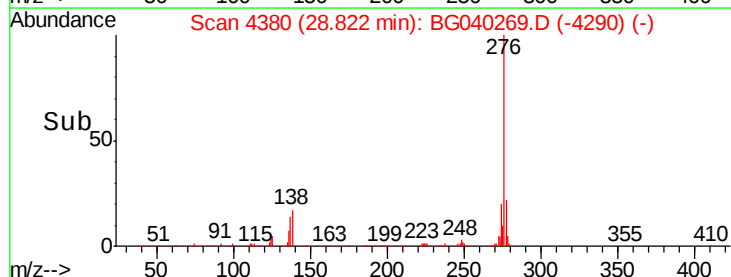
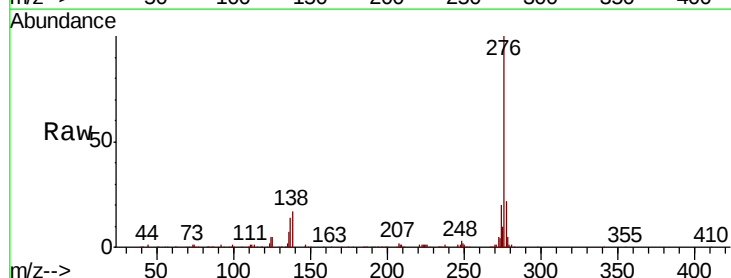
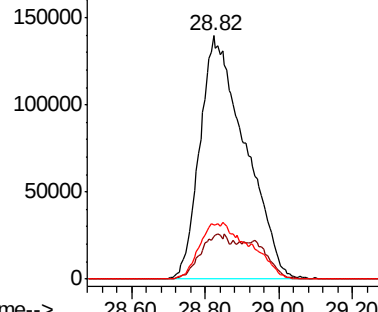
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

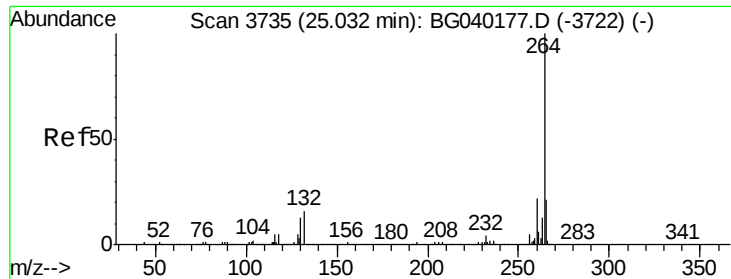


#86
Indeno(1,2,3-cd)pyrene
Concen: 40.663 ng
RT: 28.82 min Scan# 4380
Delta R.T. 0.00 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.7	18.8	28.2#
277	8.9	21.0	31.4#

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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

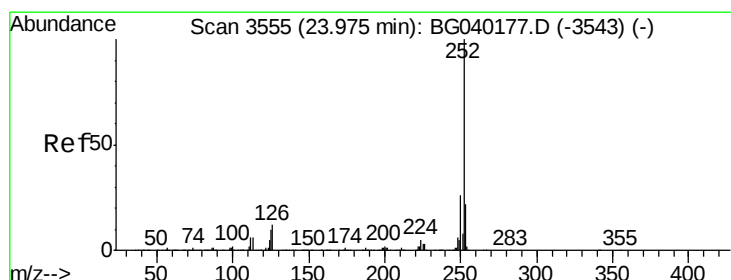
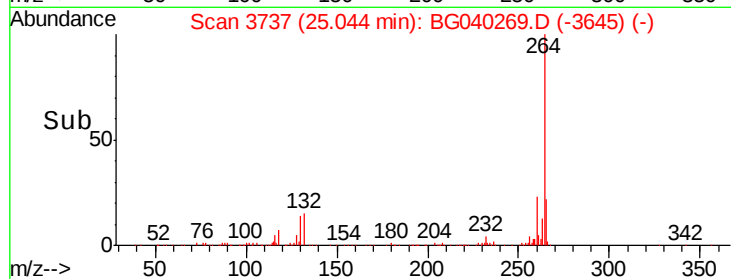
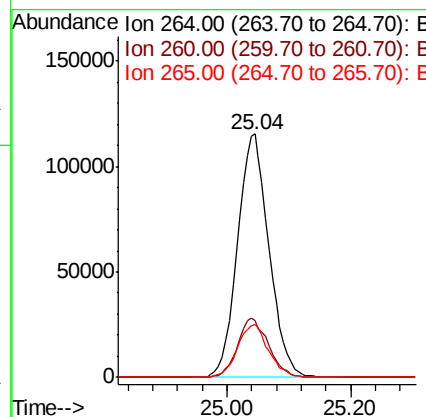
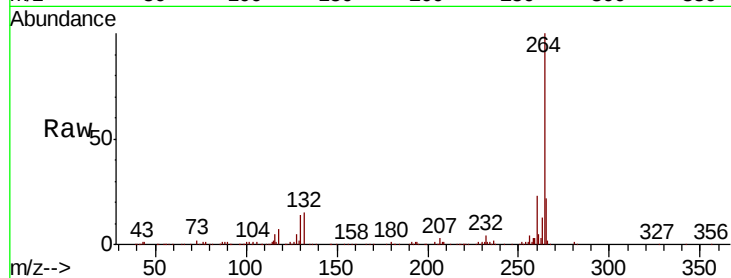
ClientSampleId :

PB118456BS

Tgt Ion:	264	Resp:	406469
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.9	26.9
265	21.8	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 42.255 ng

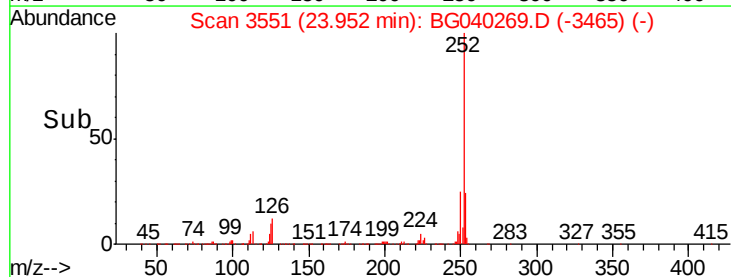
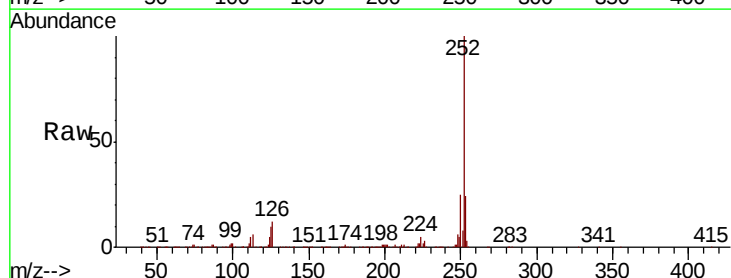
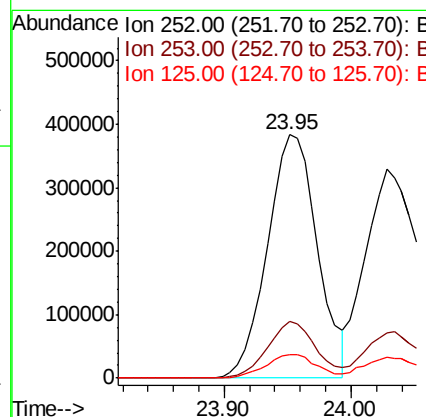
RT: 23.95 min Scan# 3551

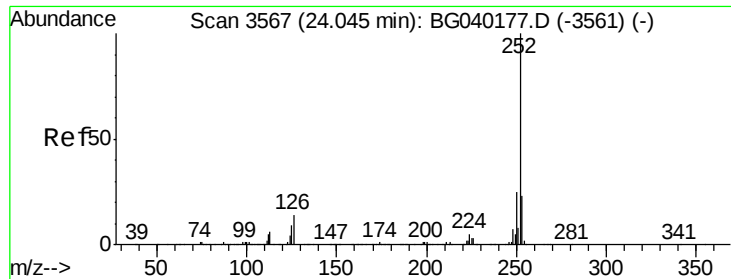
Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:	252	Resp:	1051530
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	9.6	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 43.706 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampled :

PB118456BS

Tgt Ion:252 Resp: 1000218

Ion Ratio Lower Upper

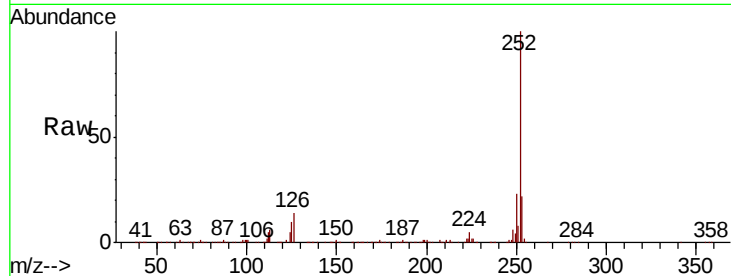
252 100

253 21.8 18.6 28.0

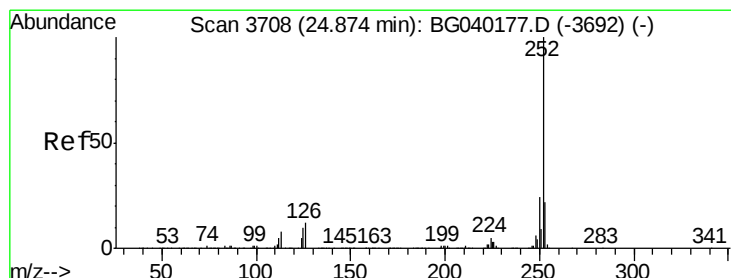
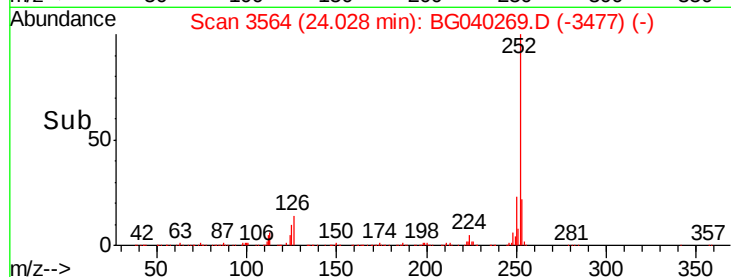
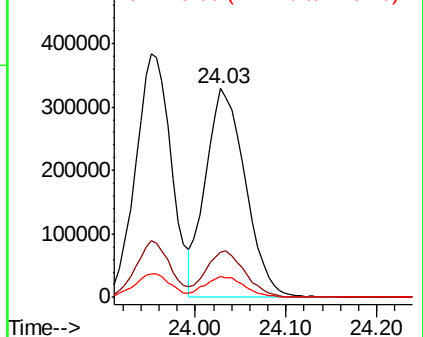
125 9.9 7.3 10.9

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



#90

Benzo(a)pyrene

Concen: 43.399 ng

RT: 24.88 min Scan# 3709

Delta R.T. 0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

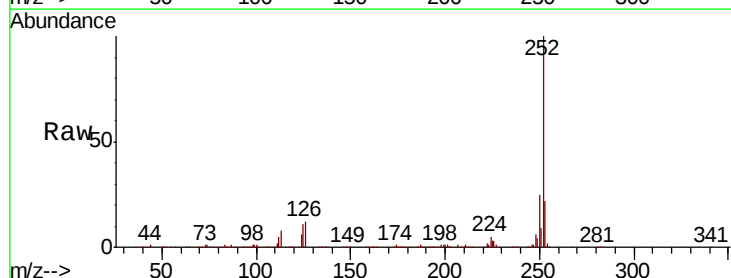
Tgt Ion:252 Resp: 1013324

Ion Ratio Lower Upper

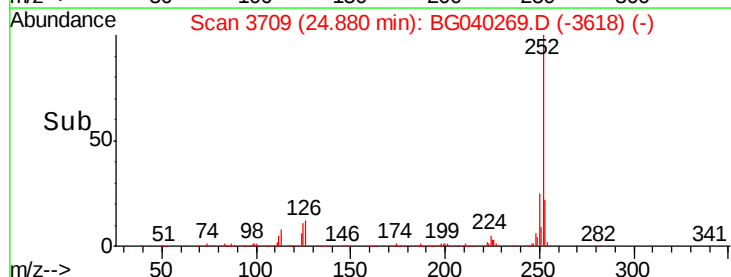
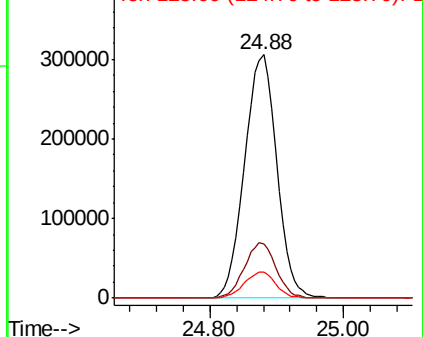
252 100

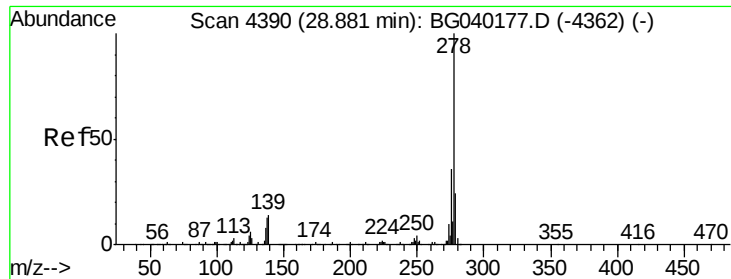
253 22.2 17.8 26.8

125 10.5 8.3 12.5



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





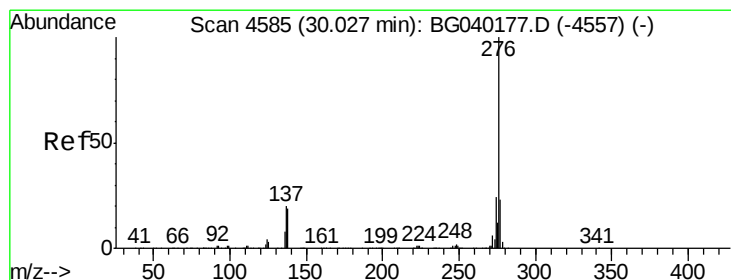
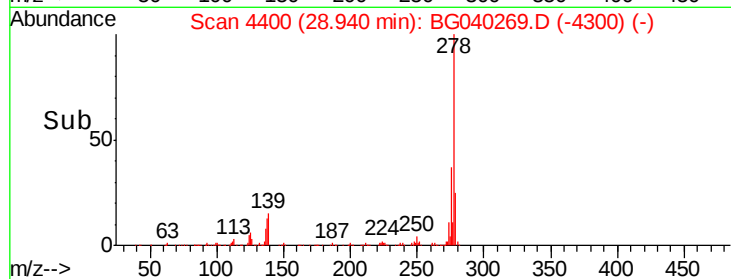
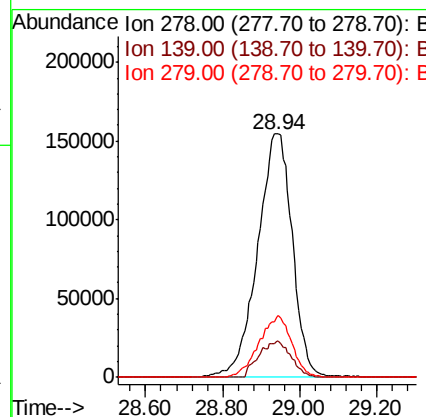
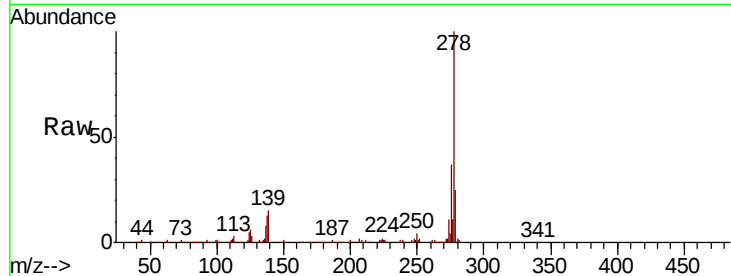
#91
Dibenzo(a,h)anthracene
Concen: 44.611 ng
RT: 28.94 min Scan# 4400
Delta R.T. 0.06 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.2	16.8
279	25.0	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/2/2019 4:00:18 PM



#92
Benzo(g,h,i)perylene
Concen: 44.375 ng
RT: 30.14 min Scan# 4605
Delta R.T. 0.12 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	18.6	15.2	22.8

