

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040347.D
 Acq On : 4 Apr 2019 5:55
 Operator : JU/SJ
 Sample : PB118527BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Manual Integrations
 APPROVED

Sohil
 4/4/2019 5:40:15 PM

Quant Time: Apr 04 08:11:43 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	79881	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	315421	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	194563	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	481843	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	517274	20.00	ng	-0.03
87) Perylene-d12	24.97	264	510083	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	371445	77.30	ng	-0.02
7) Phenol-d6	7.21	99	519648	78.25	ng	-0.02
23) Nitrobenzene-d5	9.23	82	484724	81.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	195159	92.81	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1056619	80.47	ng	-0.02
79) Terphenyl-d14	20.03	244	1767778	76.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	88641	39.231	ng	96
3) Pyridine	3.90	79	238386	39.186	ng	99
4) n-Nitrosodimethylamine	3.82	42	109698	38.983	ng	# 89
6) Aniline	7.38	93	337549	39.124	ng	97
8) 2-Chlorophenol	7.61	128	219247	38.978	ng	97
9) Benzaldehyde	7.19	77	140178	30.773	ng	95
10) Phenol	7.23	94	286477	39.744	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	226809	39.287	ng	98
12) 1,3-Dichlorobenzene	7.93	146	241574	39.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	244423	40.135	ng	97
14) 1,2-Dichlorobenzene	8.40	146	228192	39.182	ng	98
15) Benzyl Alcohol	8.29	79	204069	38.157	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	407527	36.781	ng	98
17) 2-Methylphenol	8.49	107	192547	38.604	ng	97
18) Hexachloroethane	9.12	117	90527	39.079	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	172850	36.303	ng	99
20) 3+4-Methylphenols	8.82	107	262658	38.872	ng	97
22) Acetophenone	8.88	105	339037	43.090	ng	# 99
24) Nitrobenzene	9.27	77	256884	41.804	ng	100
25) Isophorone	9.78	82	495294	40.565	ng	99
26) 2-Nitrophenol	9.97	139	126865	43.570	ng	97
27) 2,4-Dimethylphenol	10.02	122	196086	42.396	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	293832	40.676	ng	99
29) 2,4-Dichlorophenol	10.51	162	218862	43.596	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	241574	43.824	ng	98
31) Naphthalene	10.91	128	690386	42.702	ng	100
32) Benzoic acid	10.17	122	108442	38.806	ng	97
33) 4-Chloroaniline	11.03	127	307433	44.579	ng	96
34) Hexachlorobutadiene	11.17	225	147517	41.843	ng	93
35) Caprolactam	11.82	113	82473m	41.397	ng	
36) 4-Chloro-3-methylphenol	12.14	107	248665	43.086	ng	99
37) 2-Methylnaphthalene	12.51	142	515389	43.102	ng	99
38) 1-Methylnaphthalene	12.73	142	486840	41.987	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	261813	42.338	ng	99

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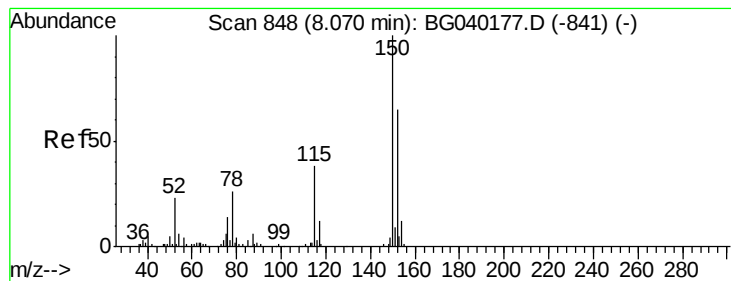
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	290935	85.685	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	179640	45.057	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	190074	43.739	ng	98
46) 1,1'-Biphenyl	13.51	154	637703	41.482	ng	99
47) 2-Chloronaphthalene	13.56	162	498965	42.314	ng	99
48) 2-Nitroaniline	13.78	65	170927	42.973	ng	98
49) Acenaphthylene	14.40	152	809908	40.509	ng	99
50) Dimethylphthalate	14.13	163	641736	42.144	ng	99
51) 2,6-Dinitrotoluene	14.26	165	147700	43.199	ng	98
52) Acenaphthene	14.74	154	474425	41.411	ng	99
53) 3-Nitroaniline	14.60	138	165329	45.681	ng	94
54) 2,4-Dinitrophenol	14.80	184	174362	95.891	ng	93
55) Dibenzofuran	15.08	168	783091	42.539	ng	99
56) 4-Nitrophenol	14.90	139	257885	88.287	ng	98
57) 2,4-Dinitrotoluene	15.05	165	210466	44.301	ng	97
58) Fluorene	15.73	166	615601	42.533	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180503	45.772	ng	97
60) Diethylphthalate	15.48	149	662136	42.494	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	331770	42.884	ng	98
62) 4-Nitroaniline	15.77	138	175764	45.253	ng	99
63) Azobenzene	16.01	77	615379	41.869	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	129939	48.000	ng	96
66) n-Nitrosodiphenylamine	15.93	169	573764	40.692	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	220216	40.612	ng	98
68) Hexachlorobenzene	16.72	284	224258	41.133	ng	96
69) Atrazine	16.87	200	80772	15.399	ng	94
70) Pentachlorophenol	17.07	266	253143	80.311	ng	96
71) Phenanthrene	17.47	178	1046099	41.304	ng	99
72) Anthracene	17.56	178	1052996	41.539	ng	98
73) Carbazole	17.84	167	1017077	42.395	ng	99
74) Di-n-butylphthalate	18.36	149	1190621	41.868	ng	100
75) Fluoranthene	19.47	202	1300925	43.379	ng	98
77) Benzidine	19.66	184	970825	51.973	ng	98
78) Pyrene	19.84	202	1315290	38.666	ng	98
80) Butylbenzylphthalate	20.70	149	606138	41.641	ng	98
81) Benzo(a)anthracene	21.68	228	1312164	41.184	ng	96
82) 3,3'-Dichlorobenzidine	21.60	252	528505	43.605	ng	99
83) Chrysene	21.75	228	1235477	40.348	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	854862	41.084	ng	98
85) Di-n-octyl phthalate	22.77	149	1482078	41.806	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1596796	42.637	ng	# 94
88) Benzo(b)fluoranthene	23.93	252	1376867	44.089	ng	98
89) Benzo(k)fluoranthene	24.00	252	1326455	46.188	ng	98
90) Benzo(a)pyrene	24.83	252	1360243	46.423	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	1295311	47.598	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1326860	47.443	ng	100

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



#1

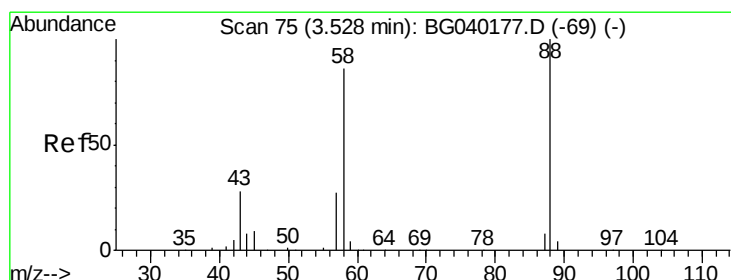
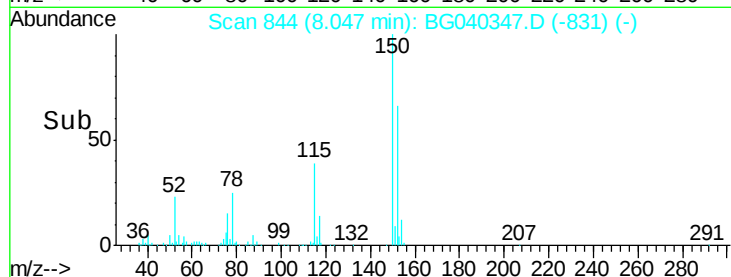
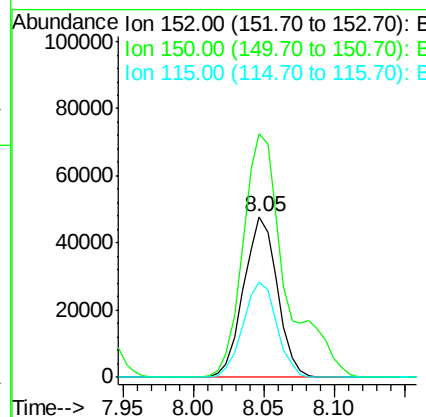
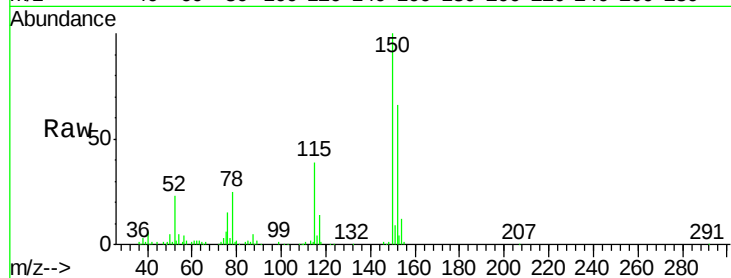
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.7	185.5
115	59.4	46.9	70.3

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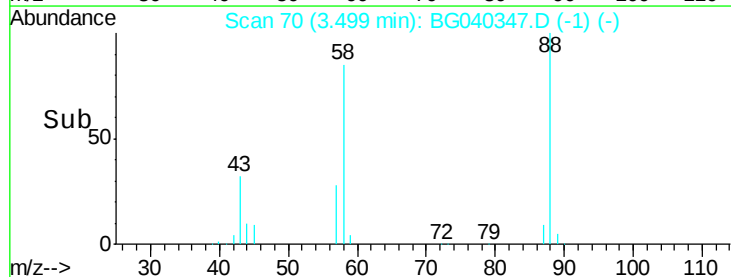
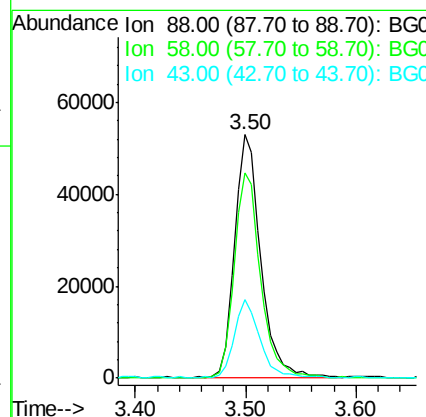
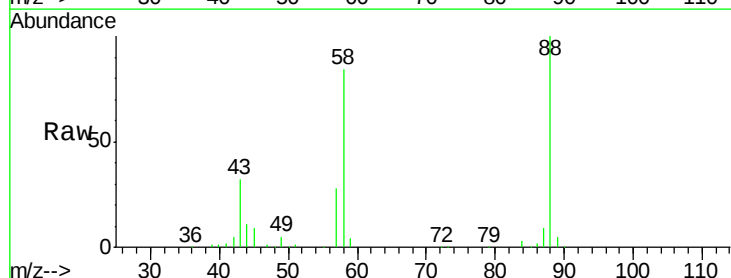
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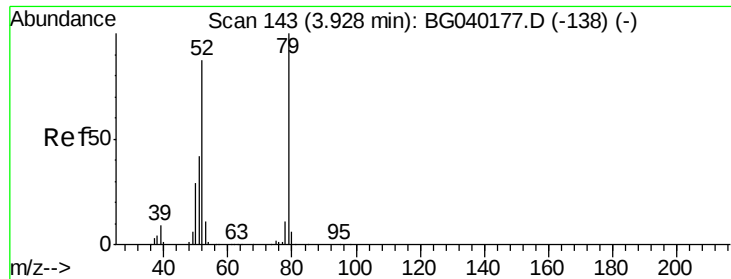


#2

1,4-Dioxane
Concen: 39.231 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	70.6	106.0
43	32.0	24.8	37.2





#3

Pyridine

Concen: 39.186 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

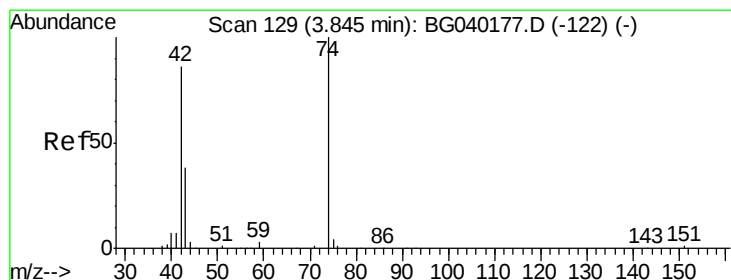
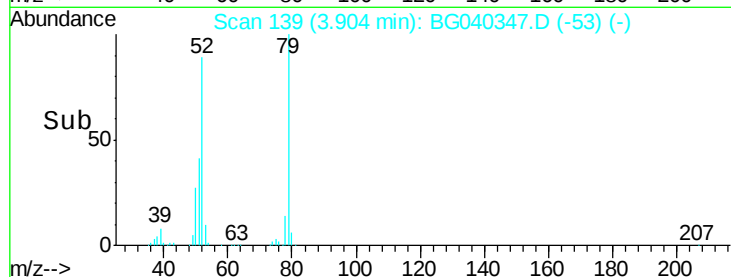
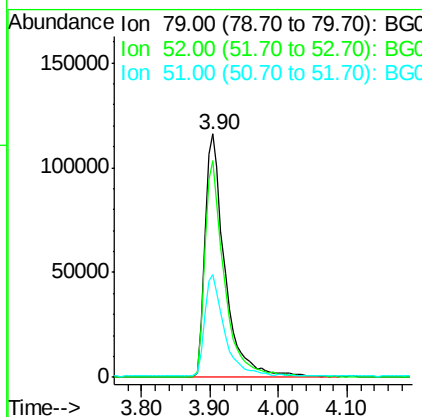
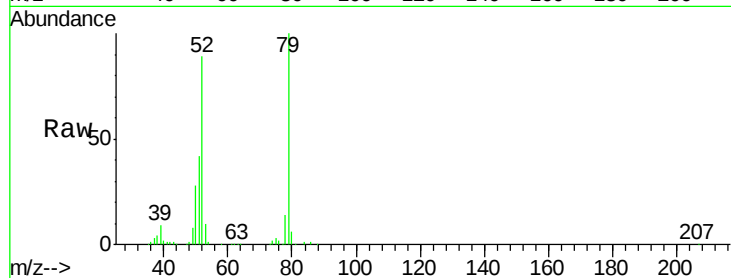
ClientSampleId :

PB118527BSD

Tgt Ion:	79	Resp:	238386
Ion Ratio	Lower	Upper	
79	100		
52	88.9	69.8	104.8
51	42.0	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.983 ng

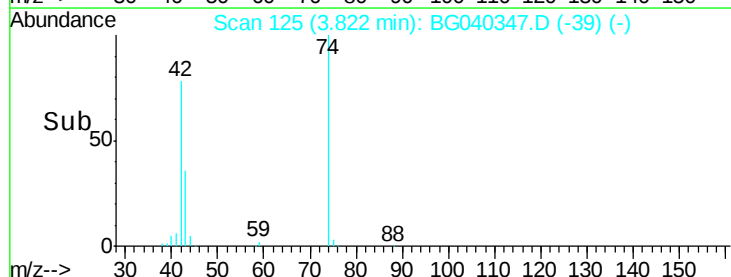
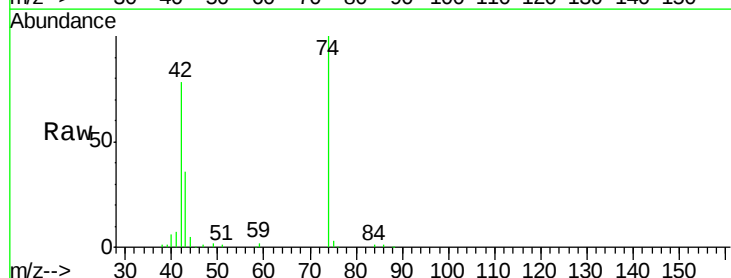
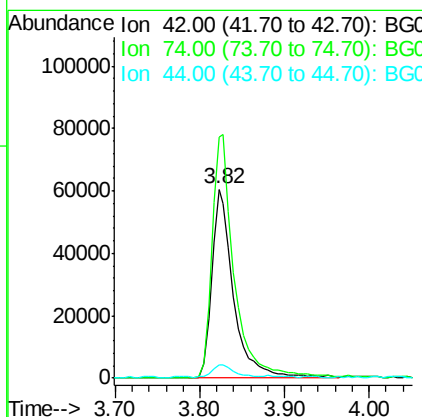
RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	42	Resp:	109698
Ion Ratio	Lower	Upper	
42	100		
74	127.6	92.9	139.3
44	6.7	9.7	14.5#





#5

2-Fluorophenol

Concen: 77.302 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040347.D

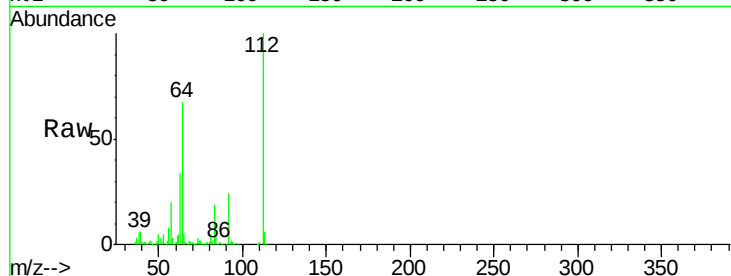
Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

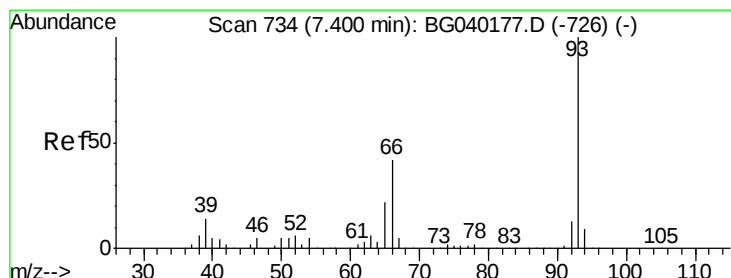
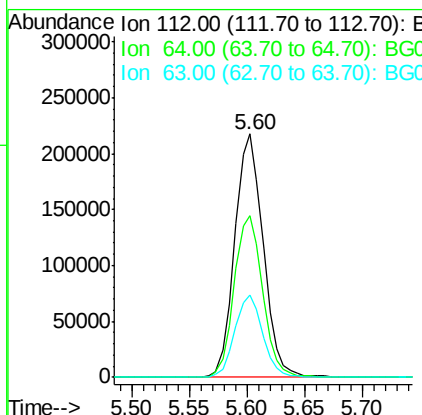
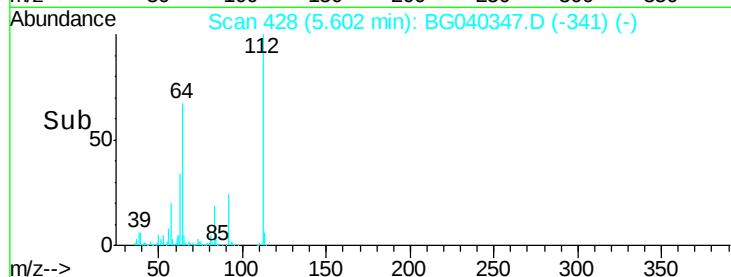
PB118527BSD



Tgt Ion:	112	Resp:	371445
Ion Ratio	Lower	Upper	
112	100		
64	66.6	54.2	81.2
63	33.6	26.4	39.6

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#6

Aniline

Concen: 39.124 ng

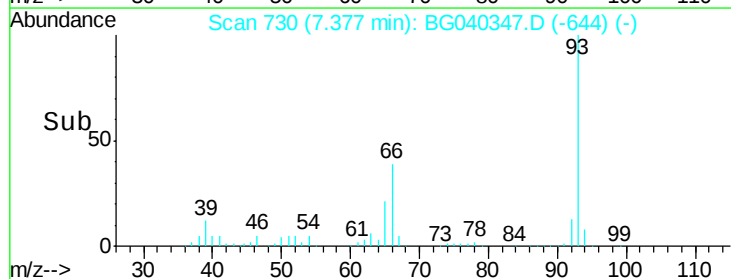
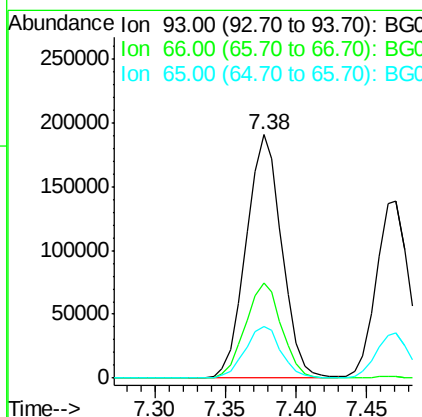
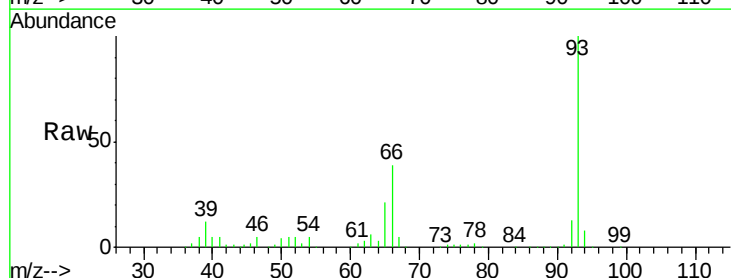
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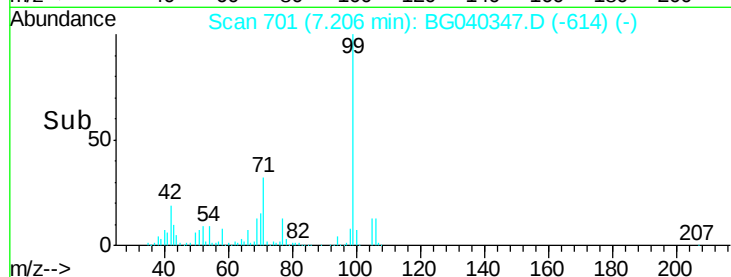
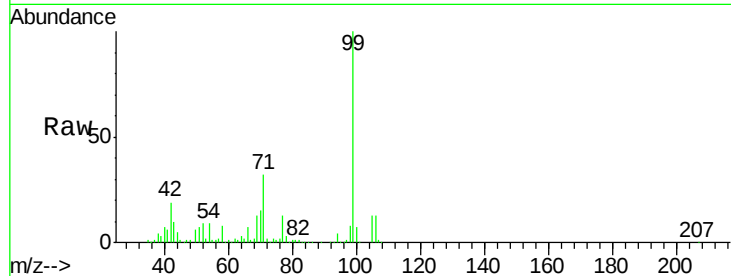
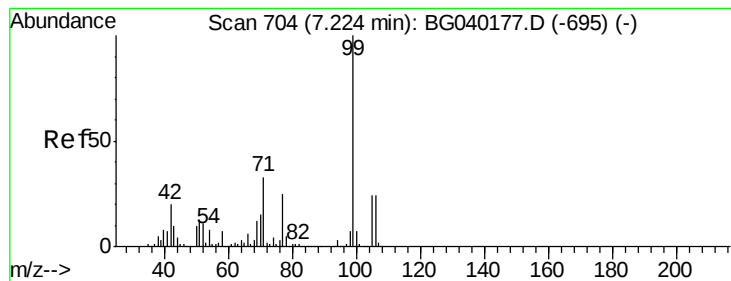
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	93	Resp:	337549
Ion Ratio	Lower	Upper	
93	100		
66	39.2	33.6	50.4
65	21.4	17.4	26.2





#7

Phenol-d6

Concen: 78.251 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	99	Resp:	519648
Ion Ratio	Lower	Upper	
99	100		
42	18.5	16.2	24.2
71	31.7	26.8	40.2

Instrument :

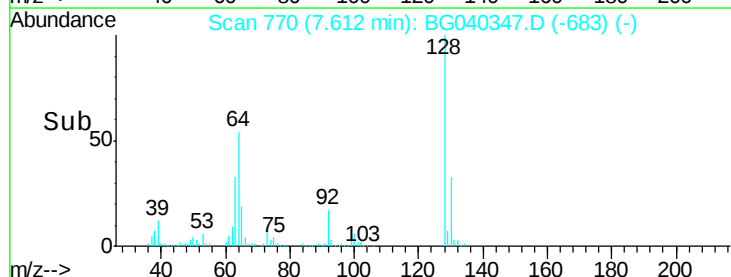
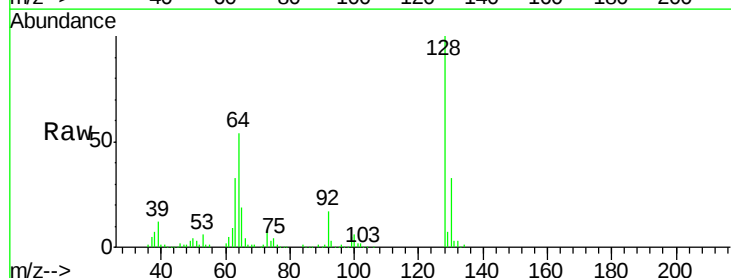
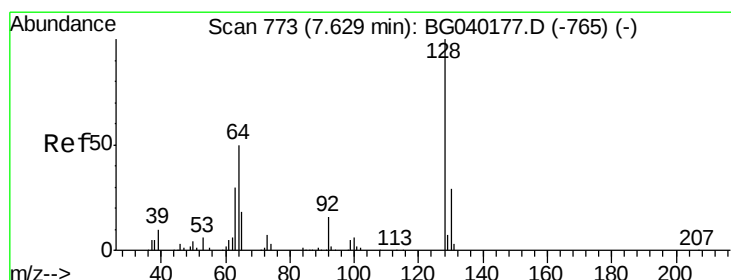
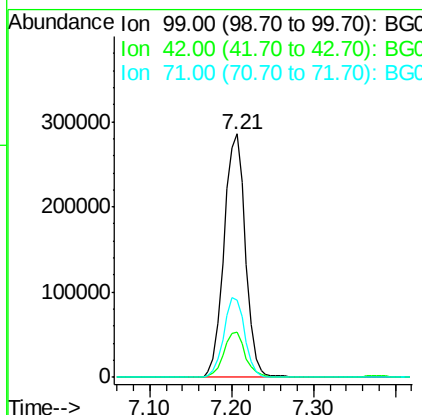
BNA_G

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#8

2-Chlorophenol

Concen: 38.978 ng

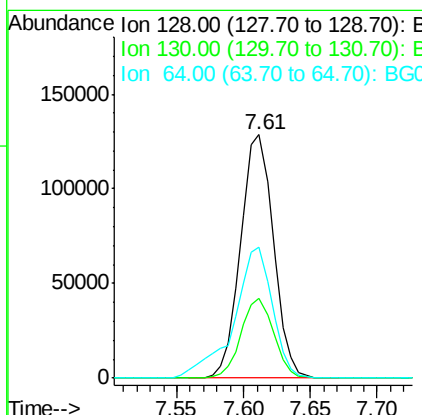
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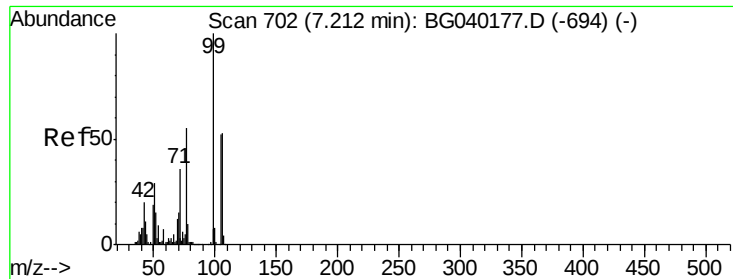
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	128	Resp:	219247
Ion Ratio	Lower	Upper	
128	100		
130	33.0	9.1	49.1
64	53.8	33.1	73.1





#9

Benzaldehyde

Concen: 30.773 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

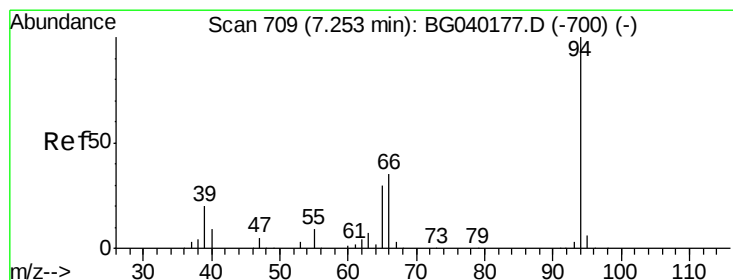
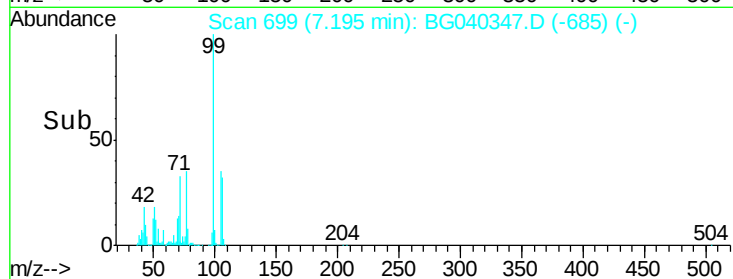
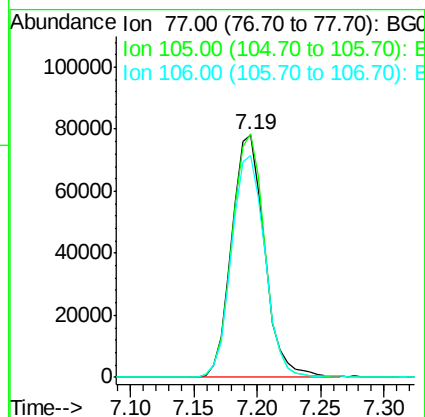
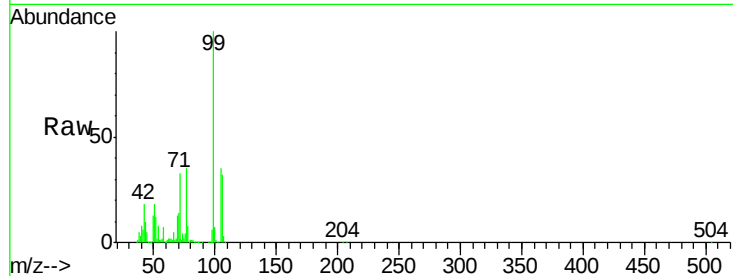
ClientSampleId :

PB118527BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.4	75.0	115.0
106	91.4	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 39.744 ng

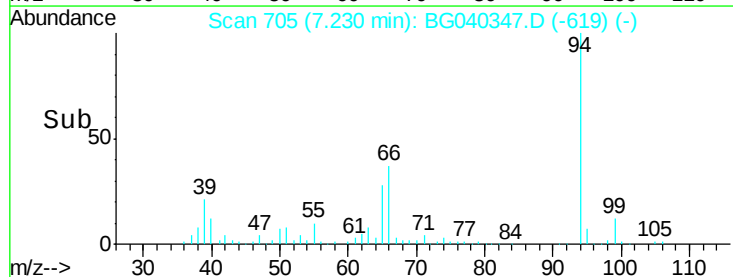
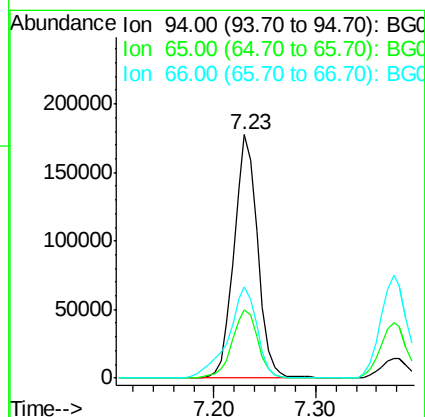
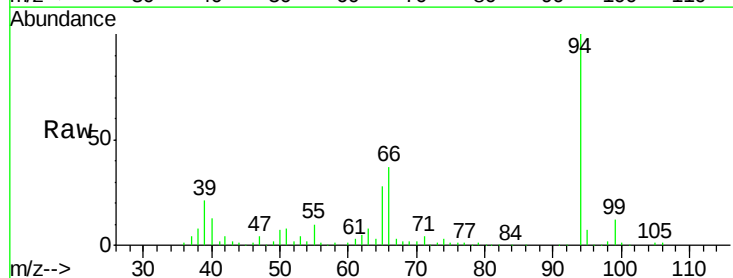
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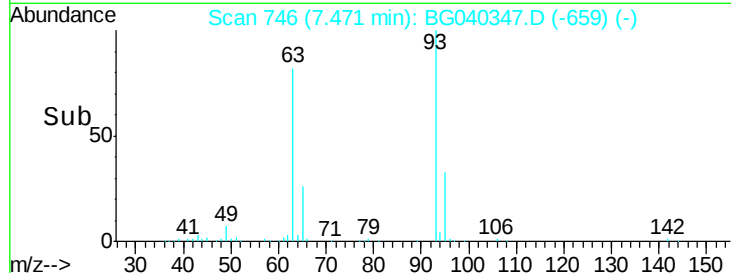
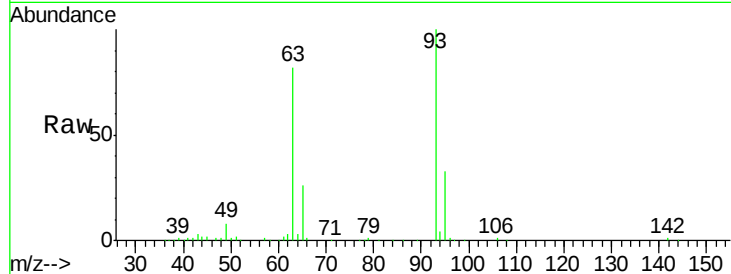
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	10.5	50.5
66	37.3	16.9	56.9





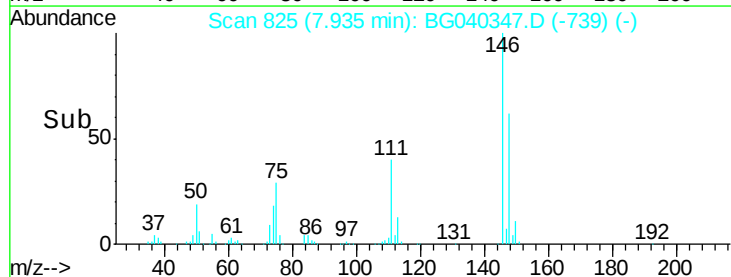
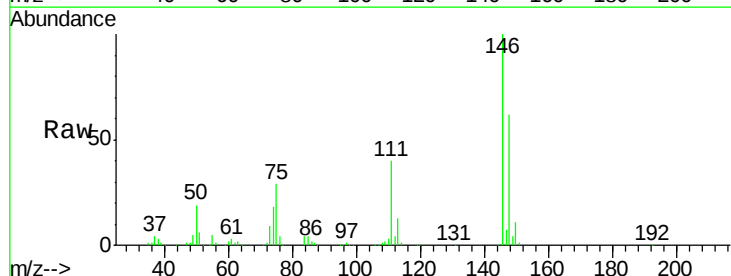
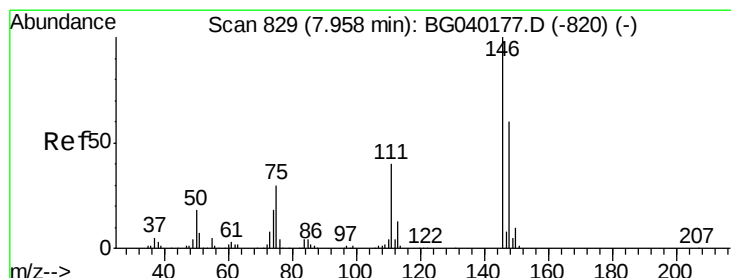
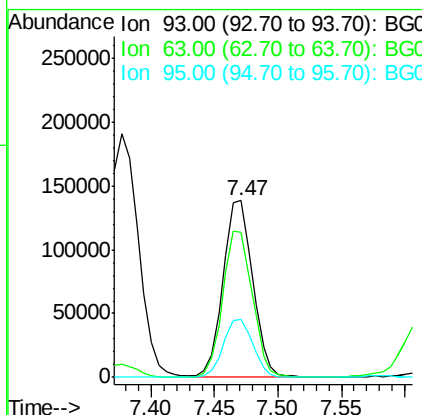
#11
bis(2-Chloroethyl)ether
Concen: 39.287 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:	93	Resp:	226809
Ion	Ratio	Lower	Upper
93	100		
63	82.2	64.2	104.2
95	32.8	14.0	54.0

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

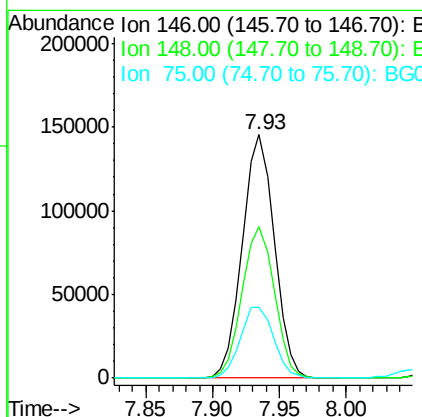
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#12
1,3-Dichlorobenzene
Concen: 39.508 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:	146	Resp:	241574
Ion	Ratio	Lower	Upper
146	100		
148	62.5	48.2	72.2
75	29.3	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 40.135 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

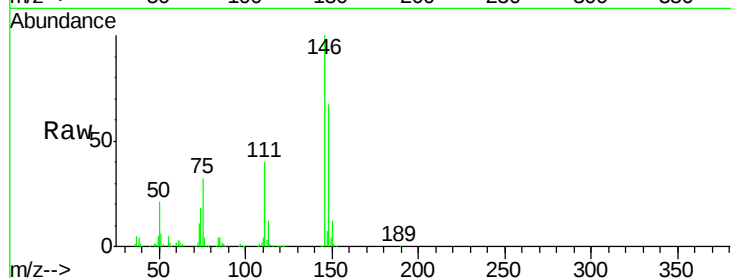
ClientSampleId :

PB118527BSD

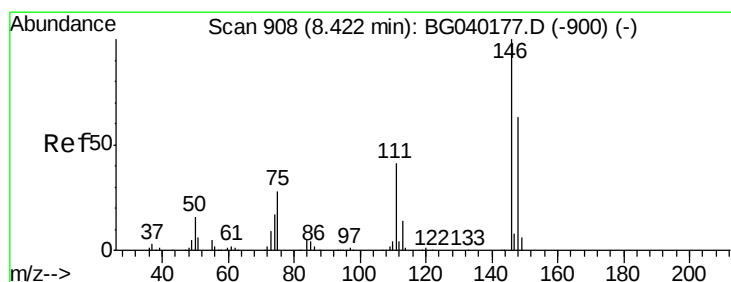
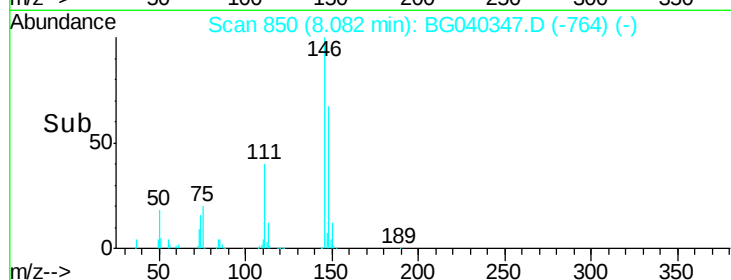
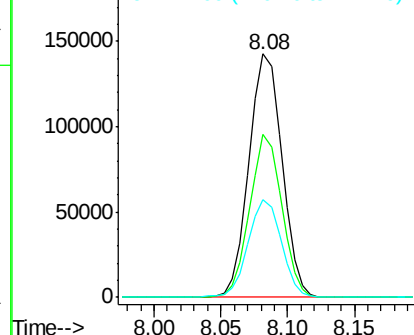
Tgt Ion:	146	Resp:	244423
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.0	76.4
111	40.1	31.8	47.6

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



#14

1,2-Dichlorobenzene

Concen: 39.182 ng

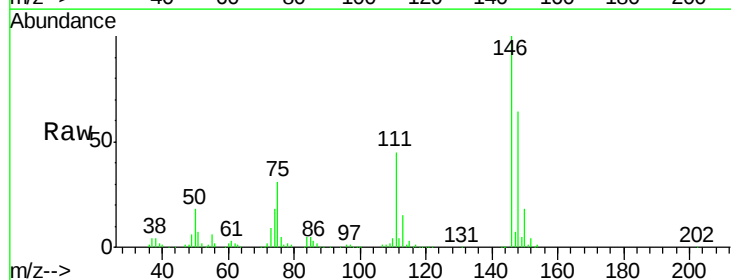
RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

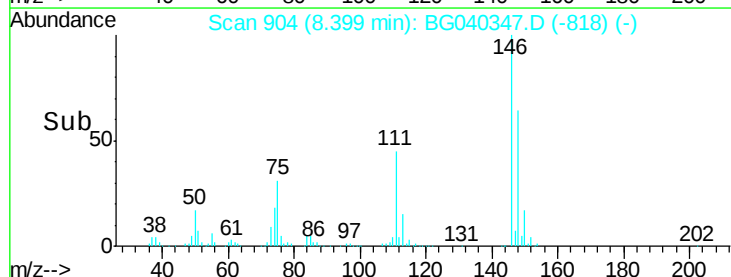
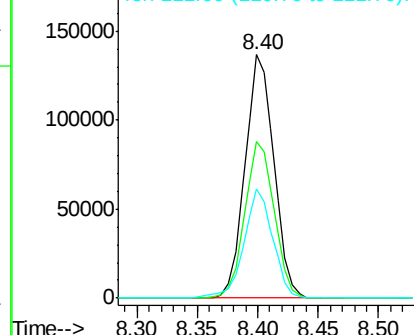
Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	146	Resp:	228192
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	44.9	33.4	50.0



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





#15

Benzyl Alcohol

Concen: 38.157 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

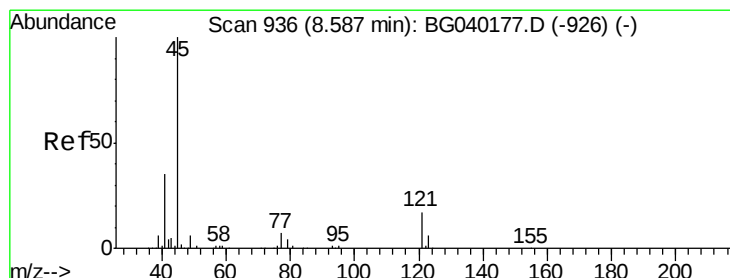
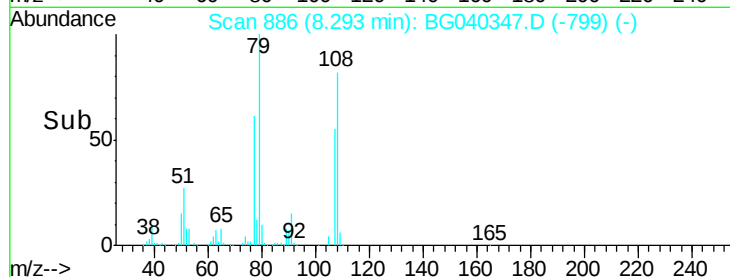
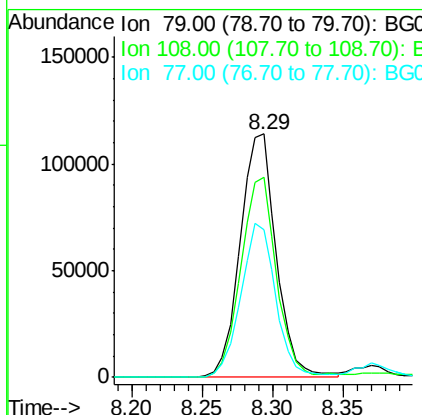
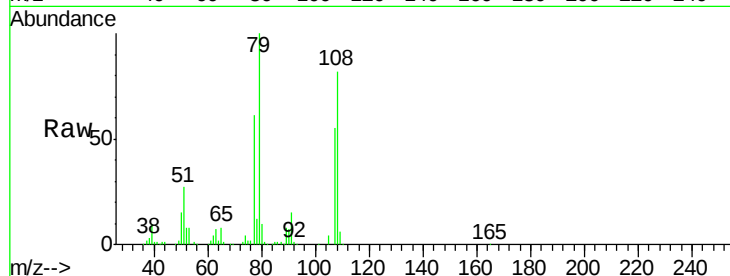
ClientSampleId :

PB118527BSD

Tgt Ion:	79	Resp:	204069
Ion Ratio	Lower	Upper	
79	100		
108	82.0	62.1	93.1
77	60.8	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.781 ng

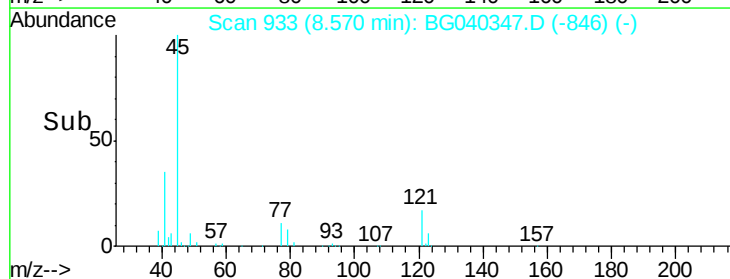
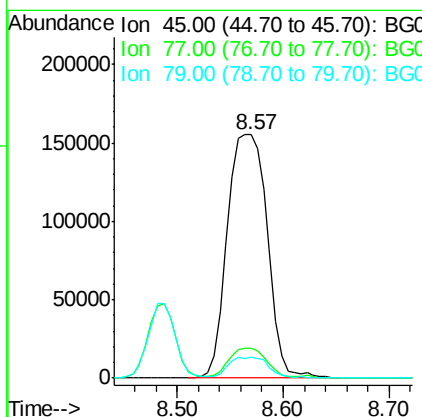
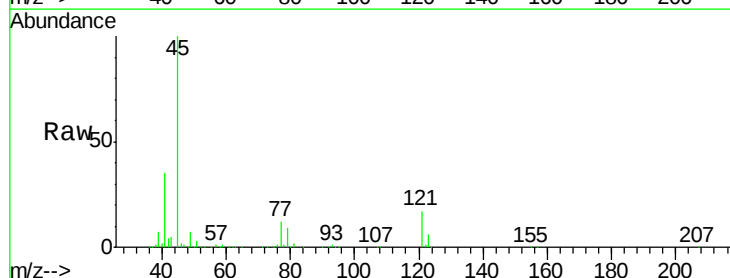
RT: 8.57 min Scan# 933

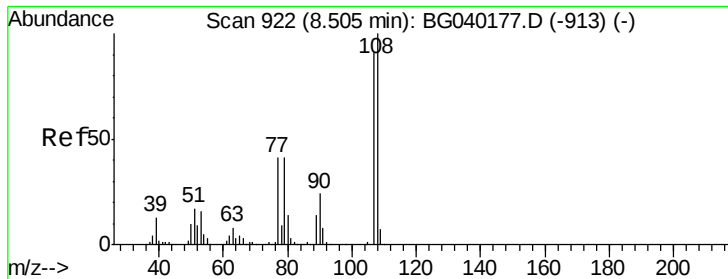
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

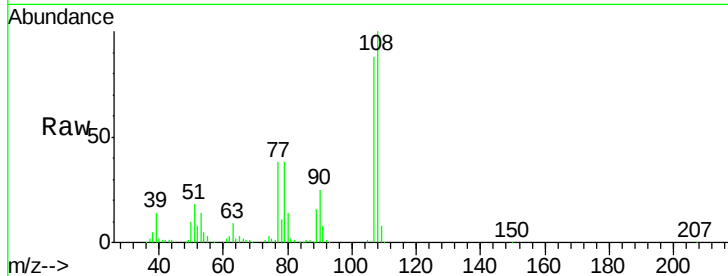
Tgt Ion:	45	Resp:	407527
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	31.4
79	8.6	0.0	28.3





#17
2-Methylphenol
Concen: 38.604 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

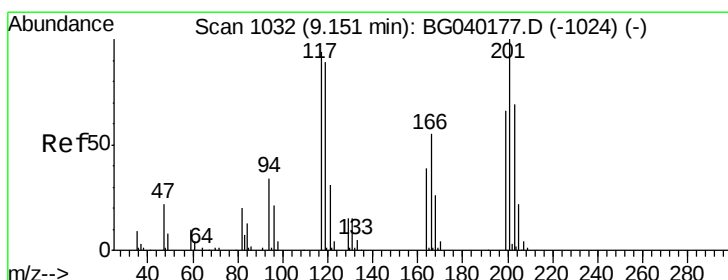
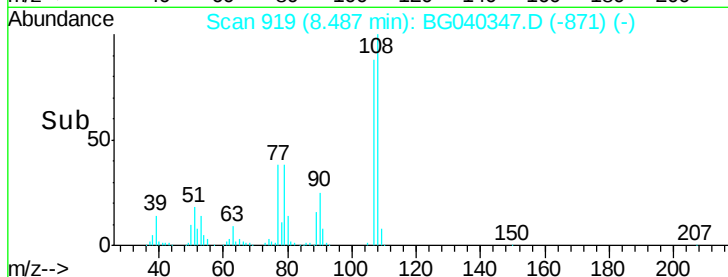
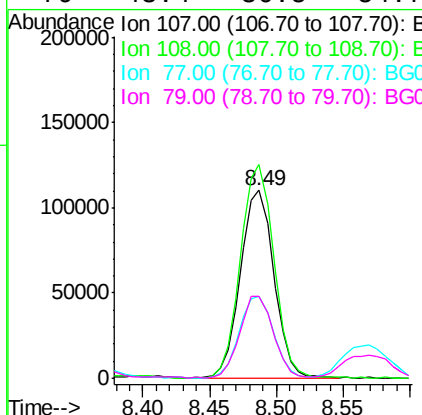
Instrument :
BNA_G
ClientSampleId :
PB118527BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	88.2	132.4	
77	43.5	36.6	55.0	
79	43.4	36.5	54.7	

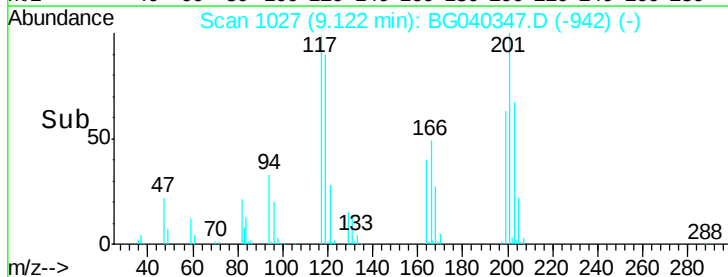
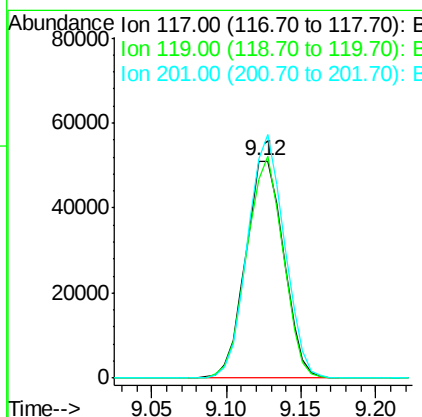
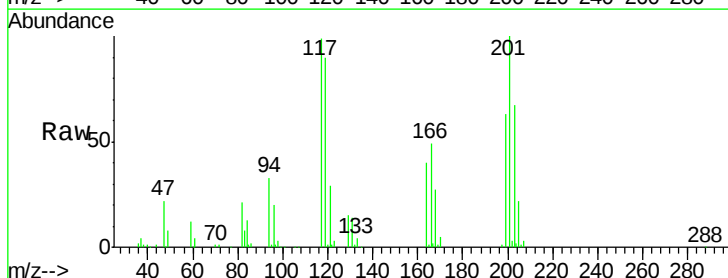
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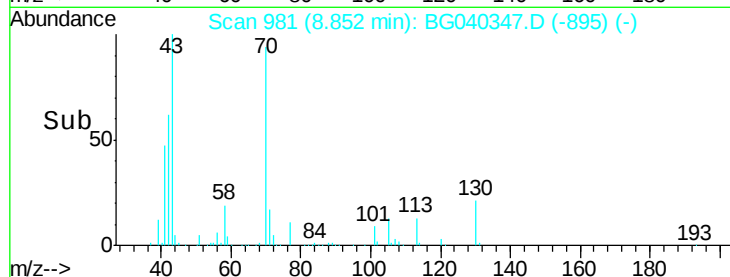
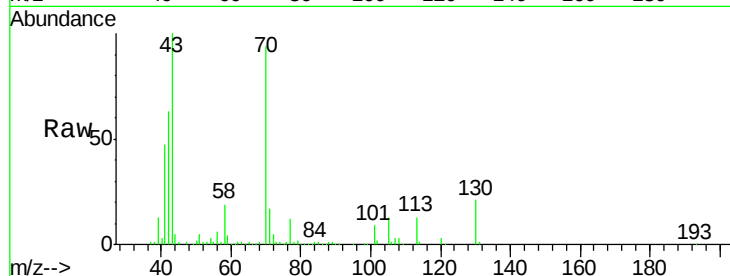
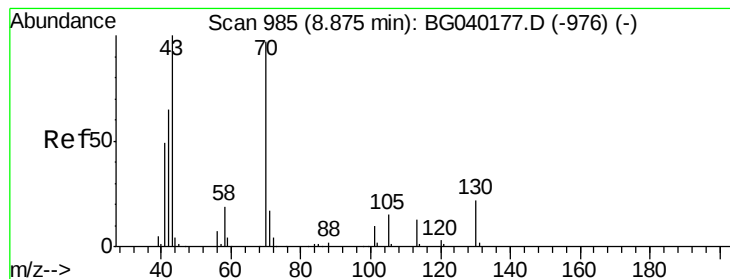
Sohil
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#18
Hexachloroethane
Concen: 39.079 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.5	76.6	115.0	
201	101.2	85.0	127.4	





#19

n-Nitroso-di-n-propylamine

Concen: 36.303 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	54.0	81.0	
101	10.1	8.6	13.0	
130	22.3	18.2	27.2	

Instrument :

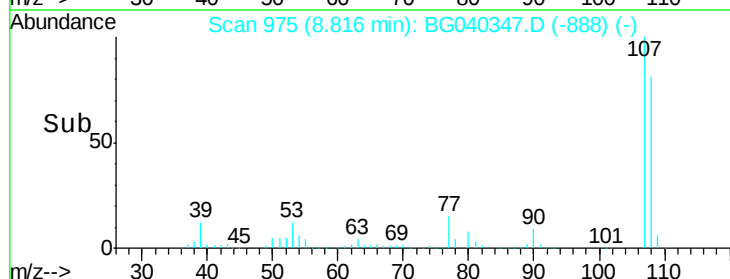
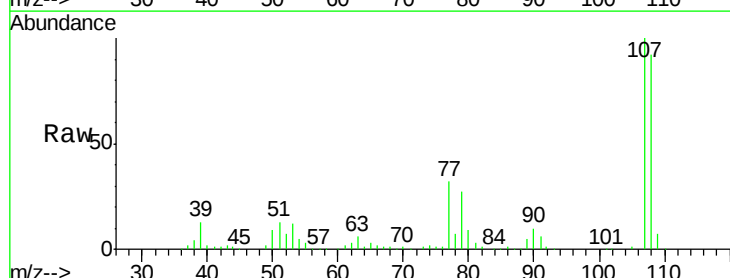
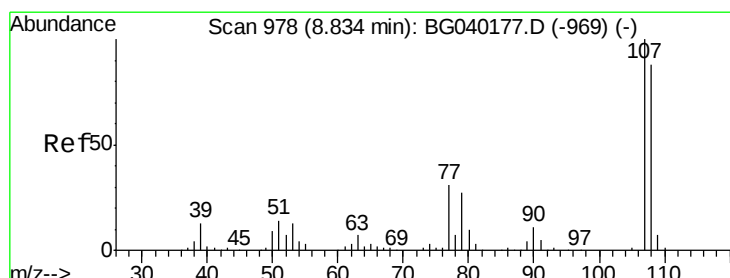
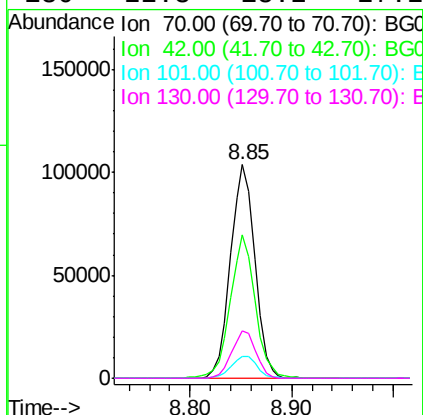
BNA_G

ClientSampleId :

PB118527BSD

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#20

3+4-Methylphenols

Concen: 38.872 ng

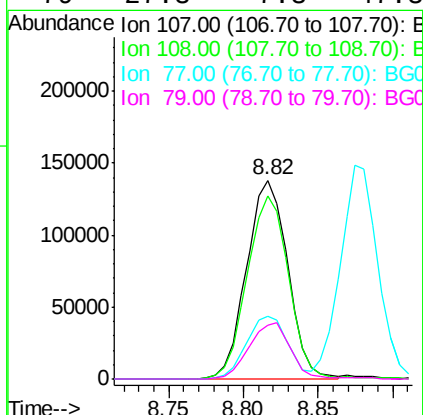
RT: 8.82 min Scan# 975

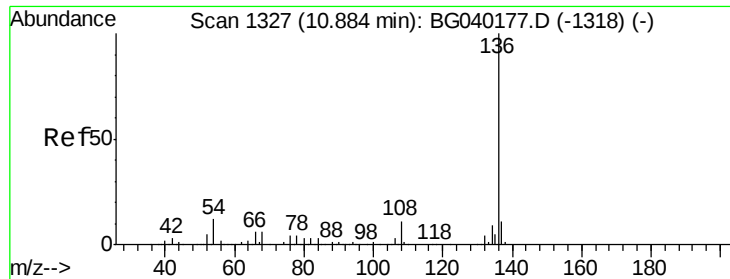
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	68.3	108.3	
77	31.6	11.3	51.3	
79	27.3	7.3	47.3	





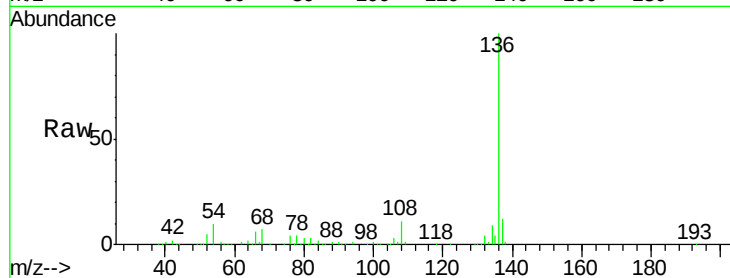
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

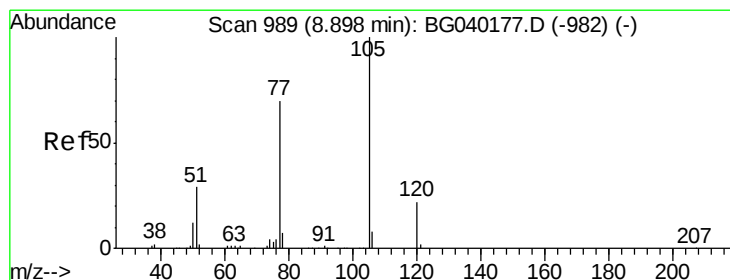
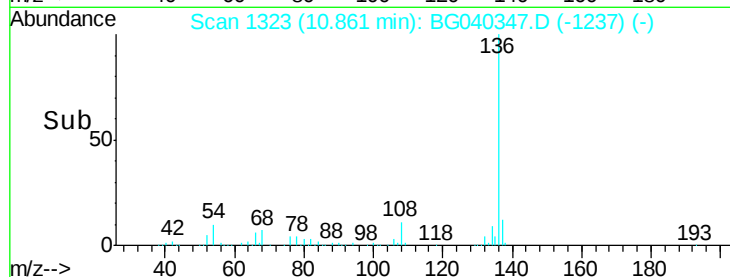
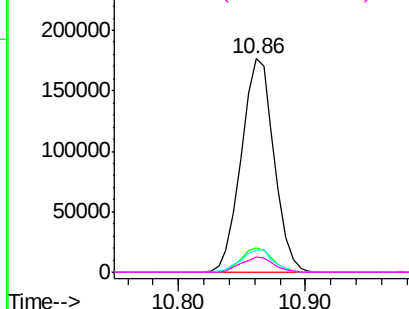
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	315421		
137	11.5	8.9	13.3	
54	10.3	9.6	14.4	
68	7.1	5.1	7.7	

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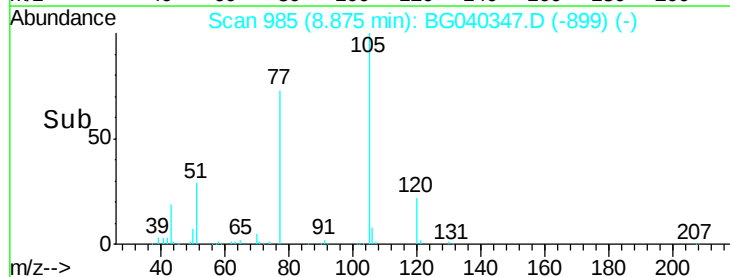
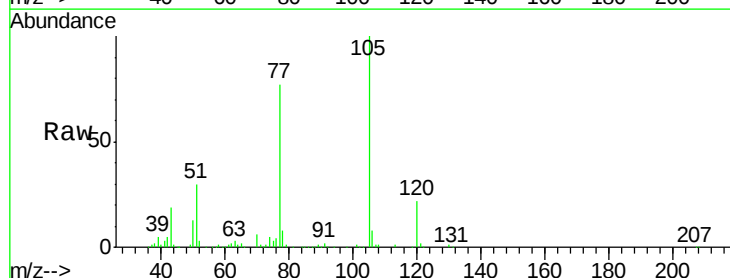
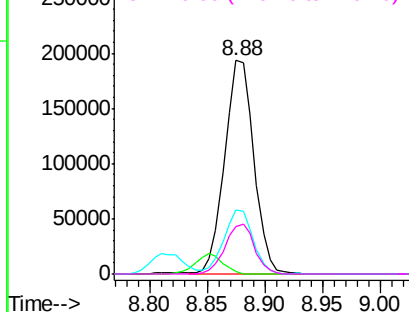
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

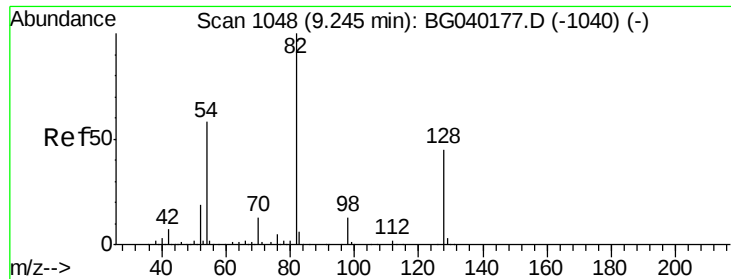


#22
Acetophenone
Concen: 43.090 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339037		
71	1.1	0.6	1.0#	
51	30.1	25.1	37.7	
120	22.0	17.6	26.4	

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





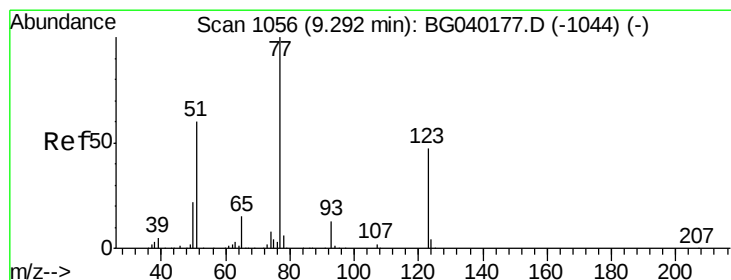
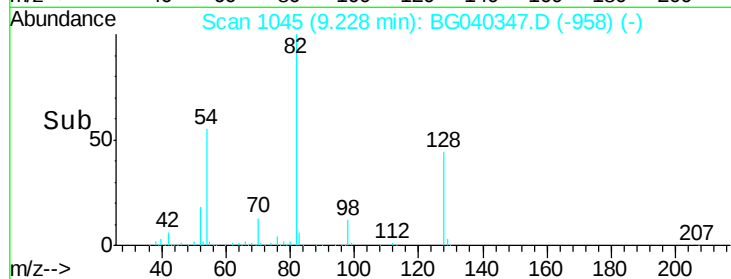
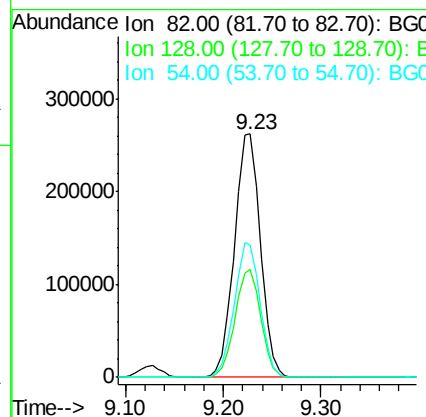
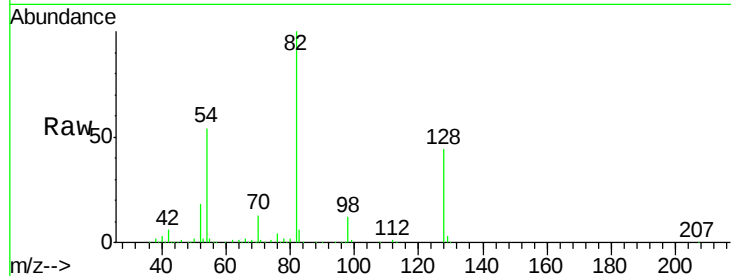
#23
 Nitrobenzene-d5
 Concen: 81.684 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	484724		
128	44.2	35.8	53.8	
54	54.5	46.2	69.2	

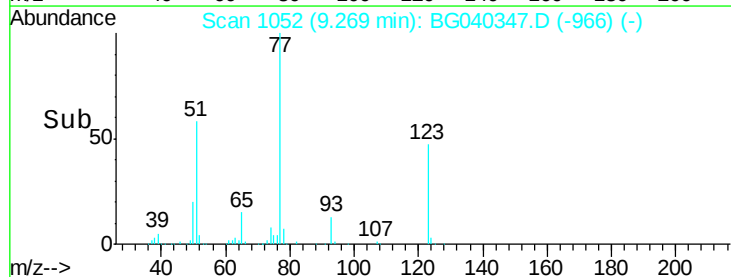
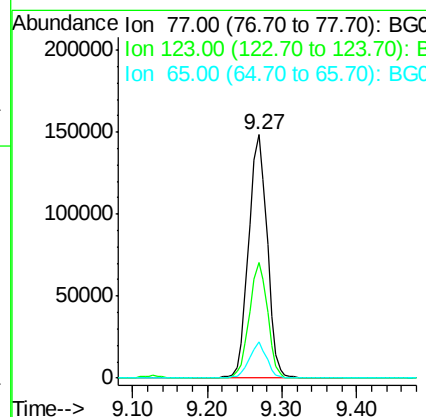
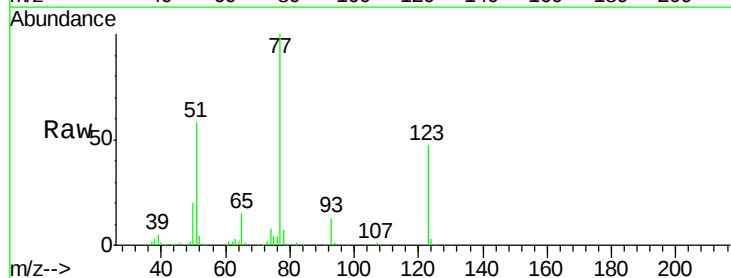
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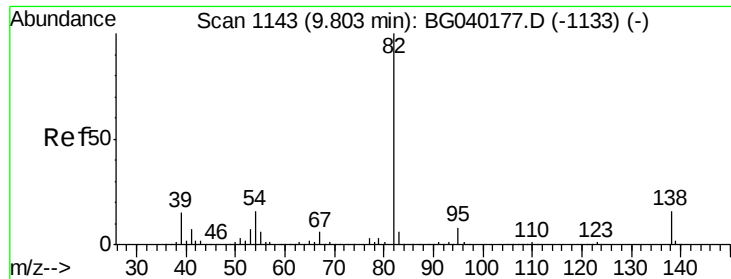
Sohil
 4/4/2019 5:40:15 PM



#24
 Nitrobenzene
 Concen: 41.804 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	256884		
123	47.3	37.8	56.6	
65	14.7	12.0	18.0	





#25

Isophorone

Concen: 40.565 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

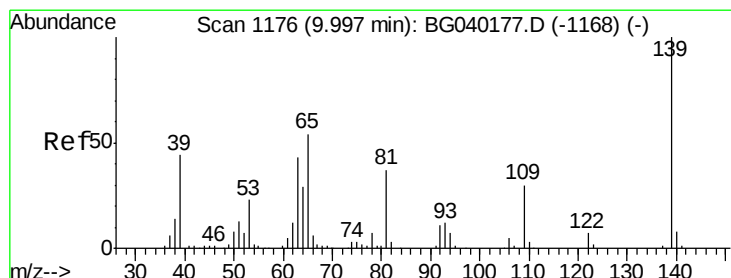
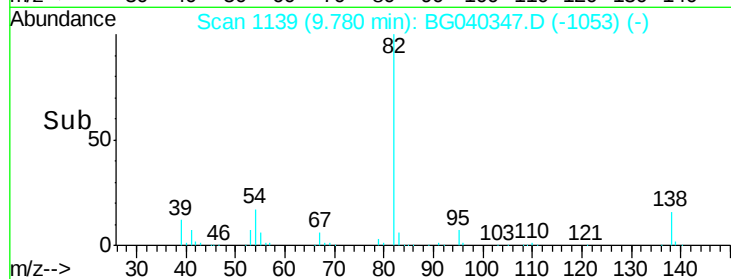
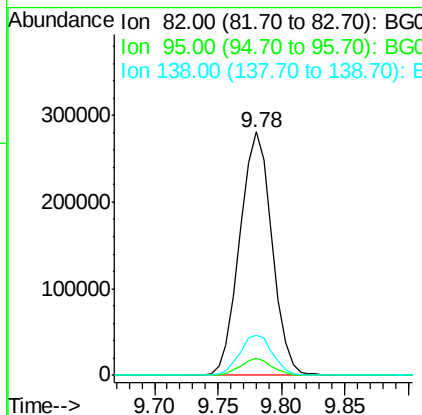
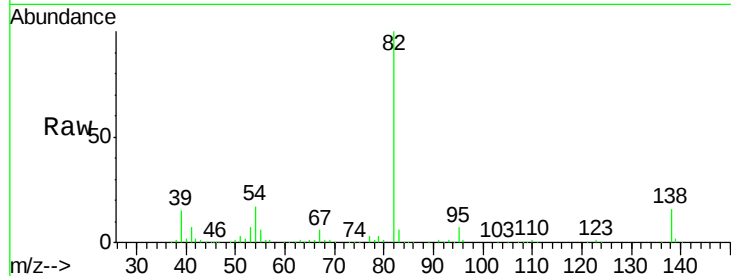
ClientSampleId :

PB118527BSD

Tgt Ion:	82	Resp:	495294
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.1	9.1
138	16.3	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.570 ng

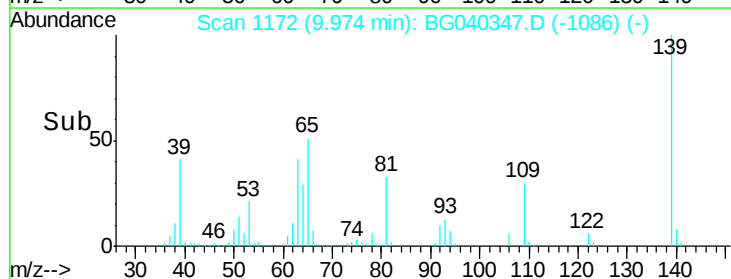
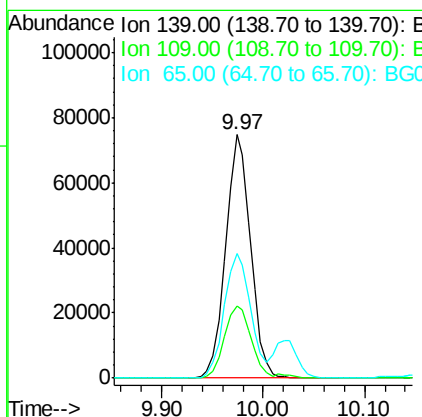
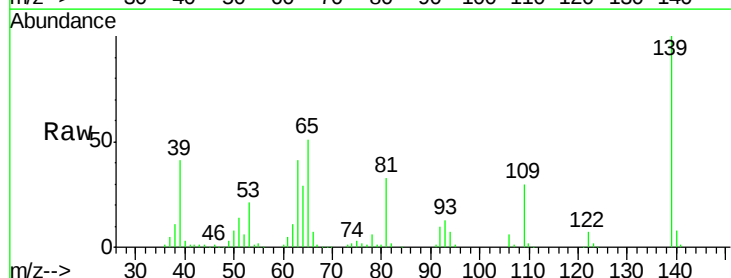
RT: 9.97 min Scan# 1172

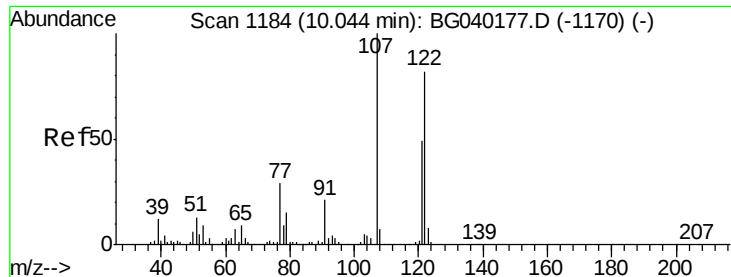
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	139	Resp:	126865
Ion Ratio		Lower	Upper
139	100		
109	29.8	24.1	36.1
65	51.1	43.0	64.6





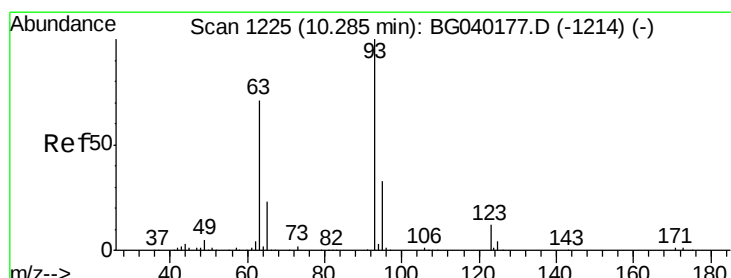
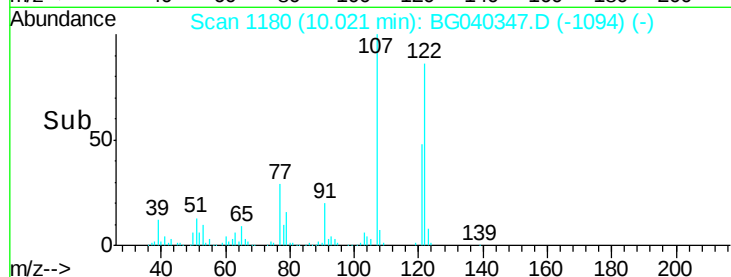
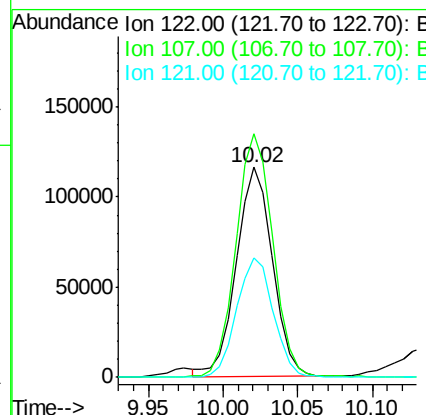
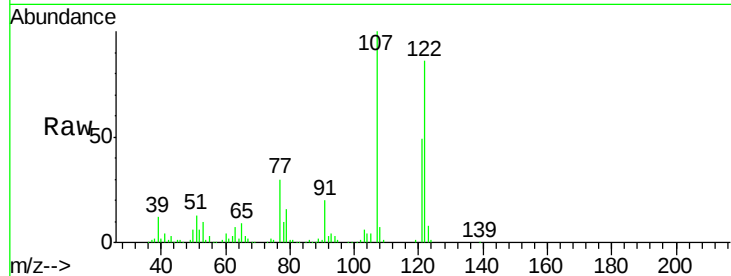
#27
2,4-Dimethylphenol
Concen: 42.396 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	196086		
107	115.9	97.4	146.2	
121	56.9	47.7	71.5	

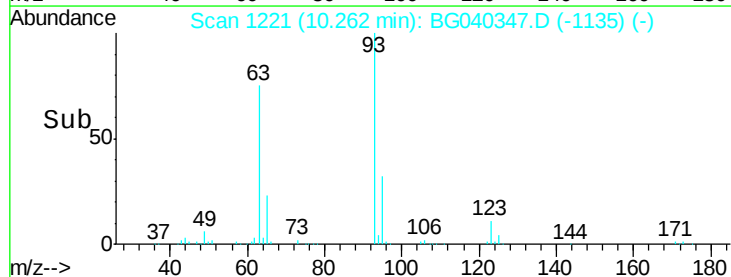
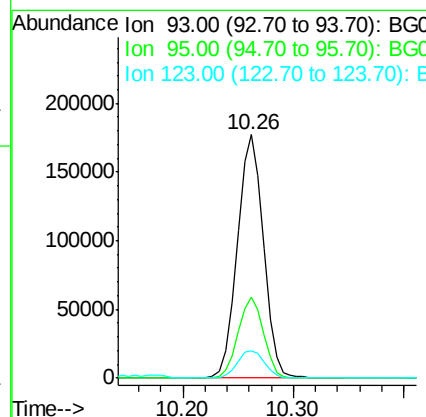
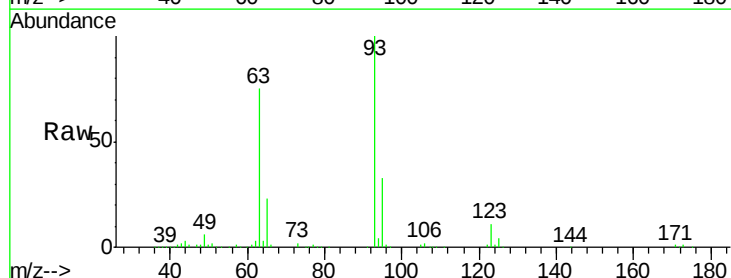
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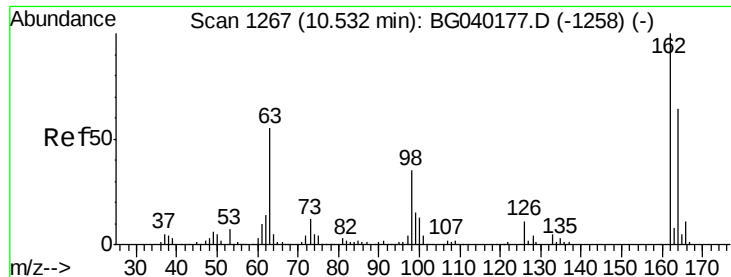
Sohil
4/4/2019 5:40:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.676 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	293832		
95	33.3	26.2	39.4	
123	11.3	9.4	14.0	





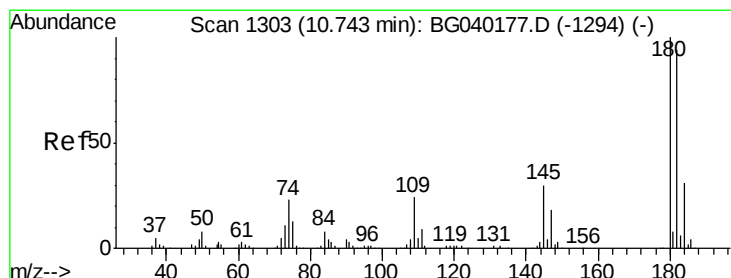
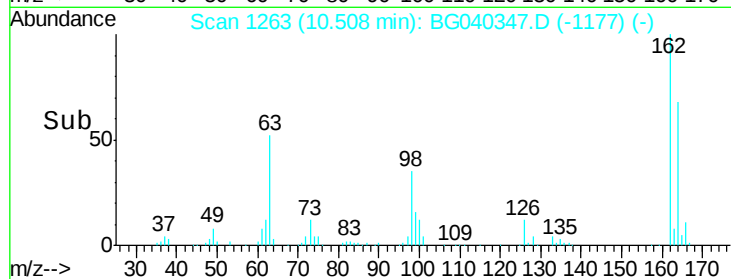
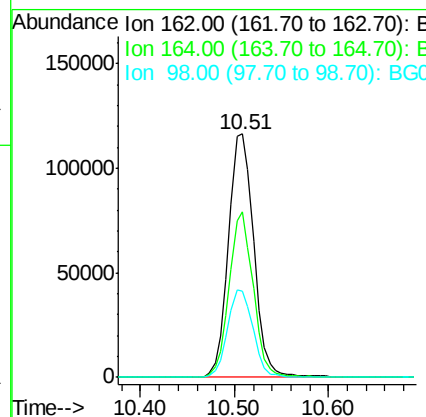
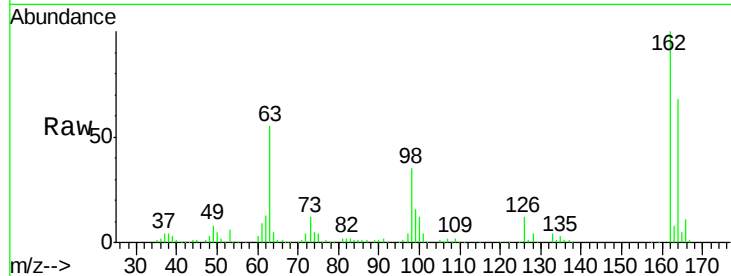
#29
 2,4-Dichlorophenol
 Concen: 43.596 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	218862		
164	68.0	43.9	83.9	
98	35.2	15.6	55.6	

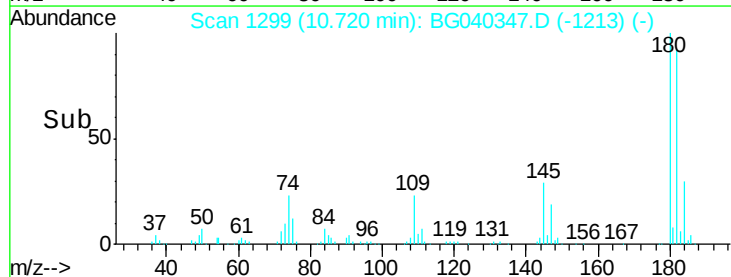
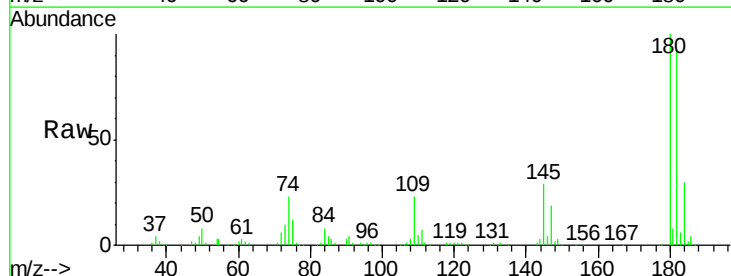
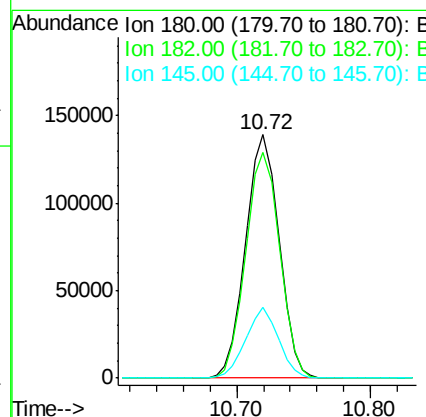
Manual Integrations
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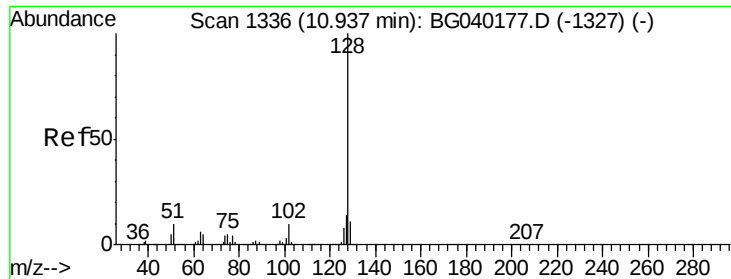
Sohil
 4/4/2019 5:40:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.824 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241574		
182	92.5	75.1	112.7	
145	29.2	24.1	36.1	





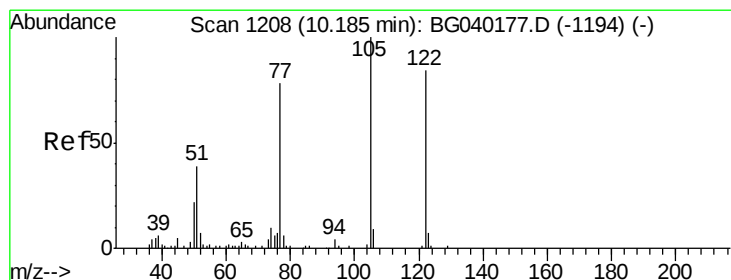
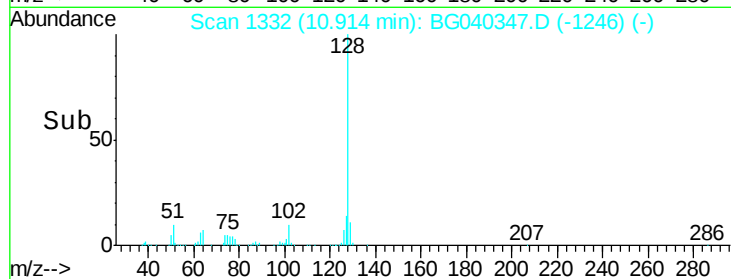
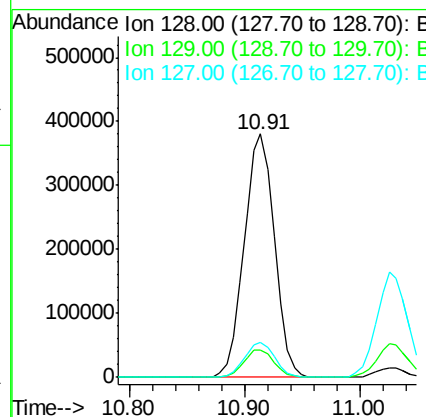
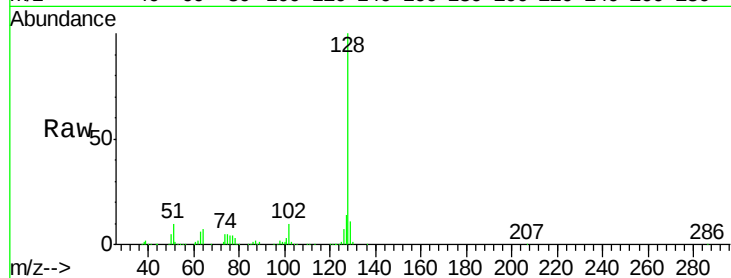
#31
Naphthalene
Concen: 42.702 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	690386		
129	11.3	8.9	13.3	
127	14.1	11.4	17.0	

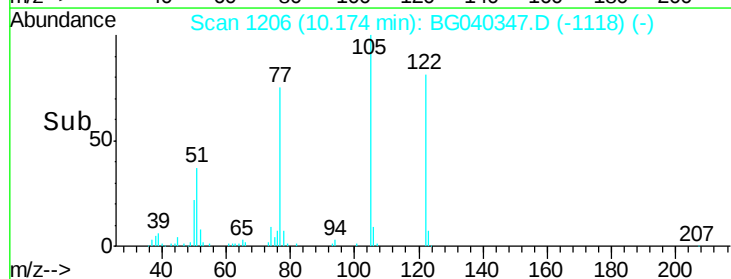
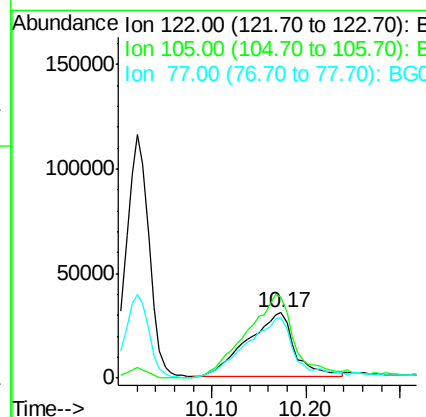
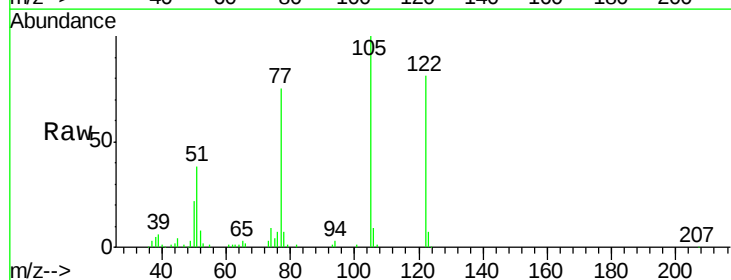
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#32
Benzoic acid
Concen: 38.806 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	108442		
105	123.0	98.2	138.2	
77	92.6	73.6	113.6	





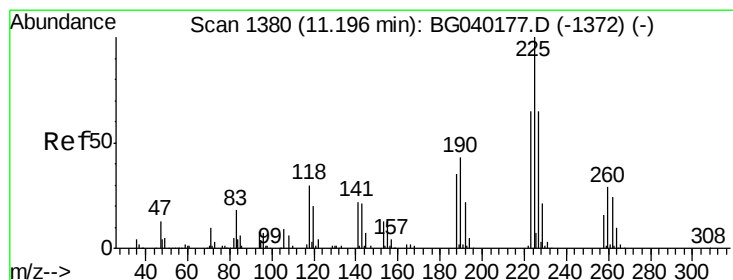
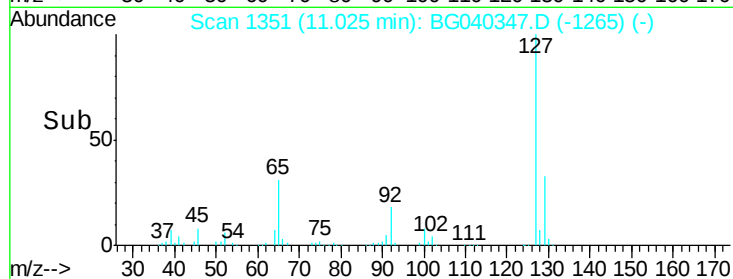
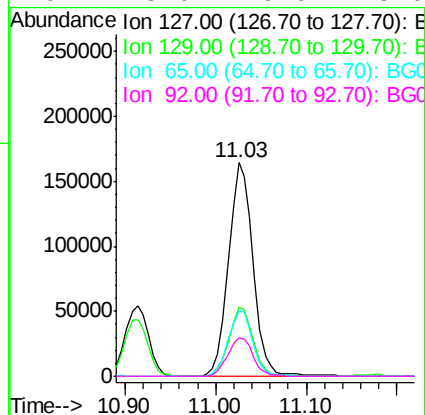
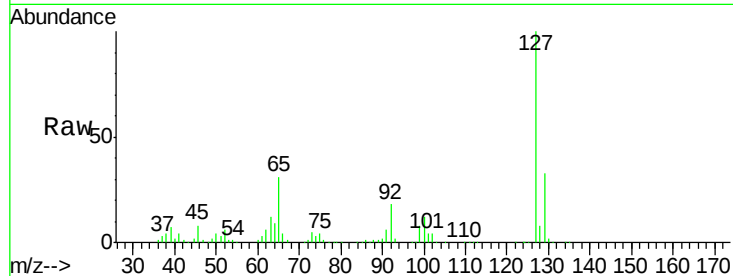
#33
4-Chloroaniline
Concen: 44.579 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	307433		
129	32.6	26.6	40.0	
65	30.6	27.0	40.4	
92	18.0	16.6	25.0	

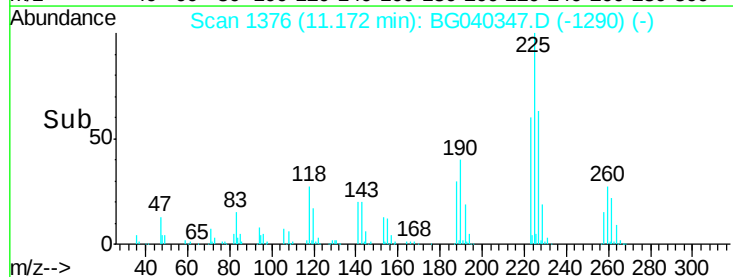
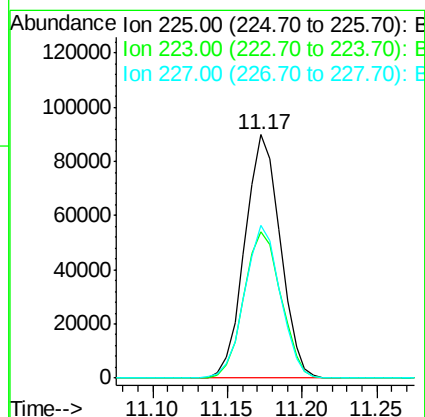
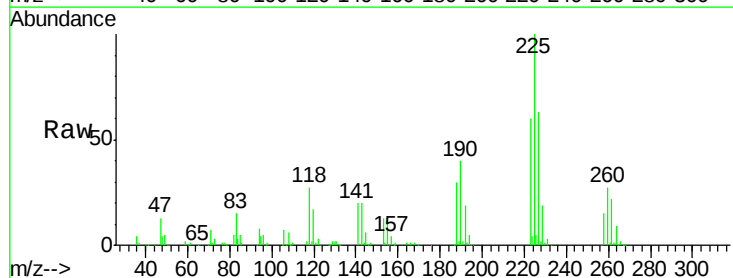
Manual Integrations
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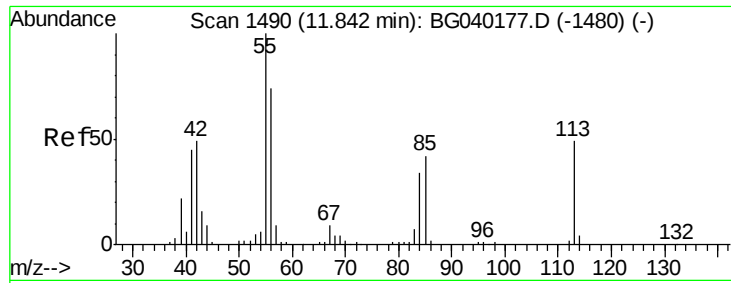
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#34
Hexachlorobutadiene
Concen: 41.843 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147517		
223	60.3	51.8	77.8	
227	62.6	54.9	82.3	





#35

Caprolactam

Concen: 41.397 ng m

RT: 11.82 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion:113 Resp: 82473

Ion Ratio Lower Upper

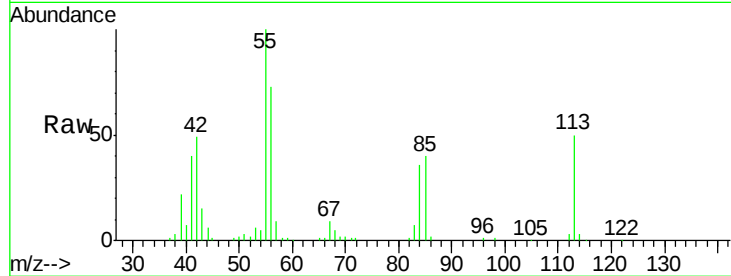
113 100

55 198.2 184.2 224.2

56 143.8 131.3 171.3

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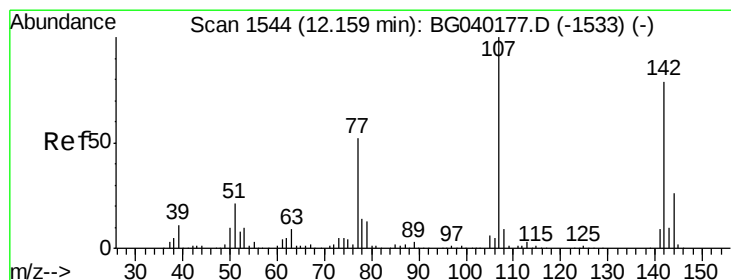
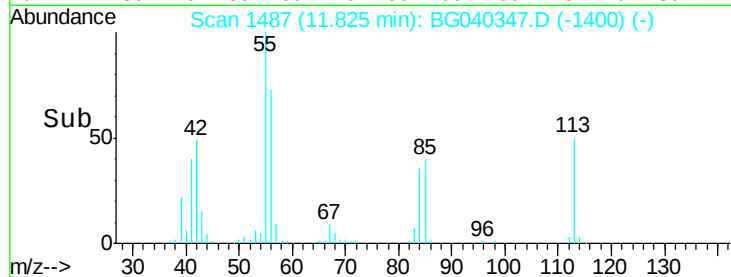
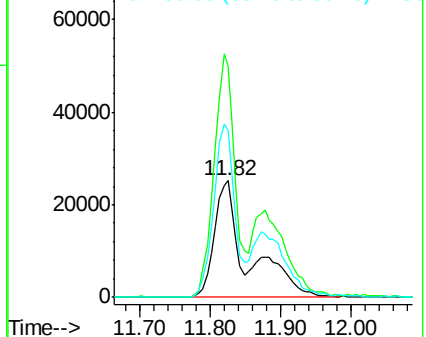
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.086 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

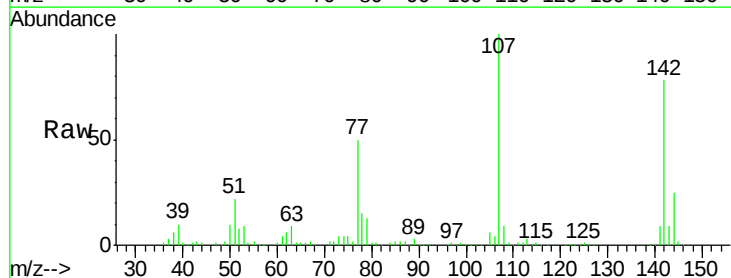
Tgt Ion:107 Resp: 248665

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

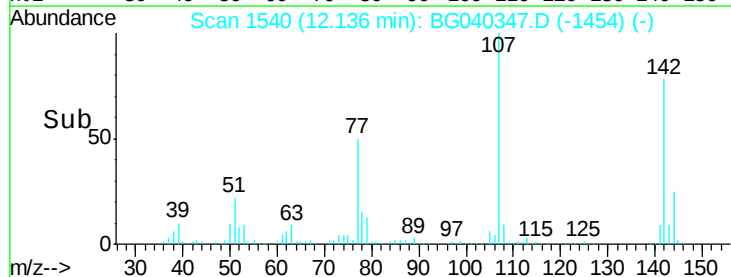
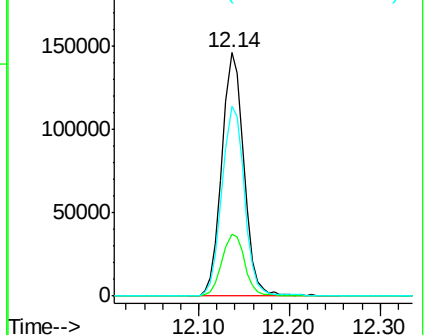
142 77.7 63.1 94.7

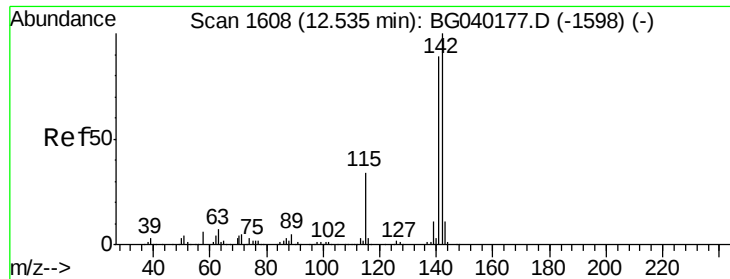


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





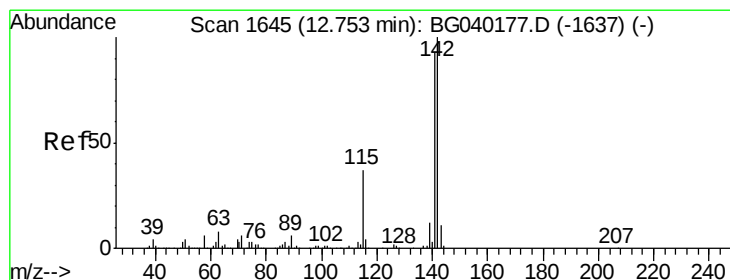
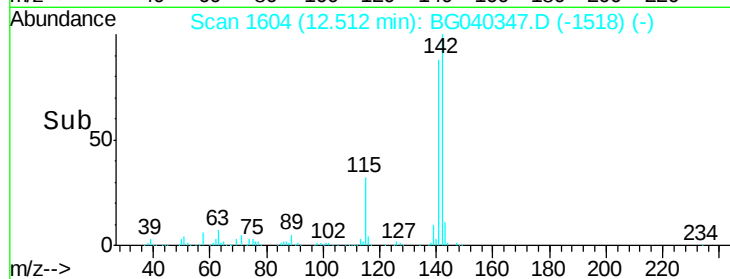
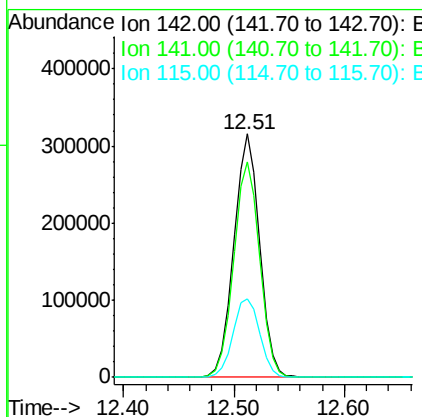
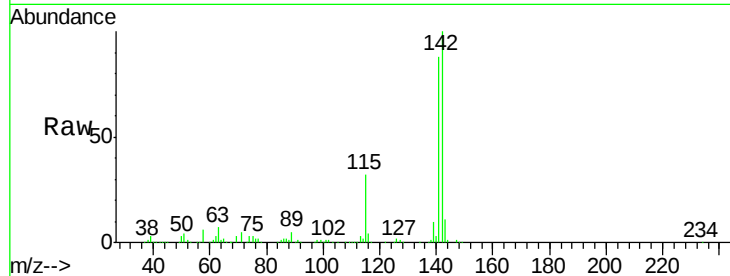
#37
 2-Methylnaphthalene
 Concen: 43.102 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	515389		
141	88.3	71.0	106.6	
115	32.5	27.3	40.9	

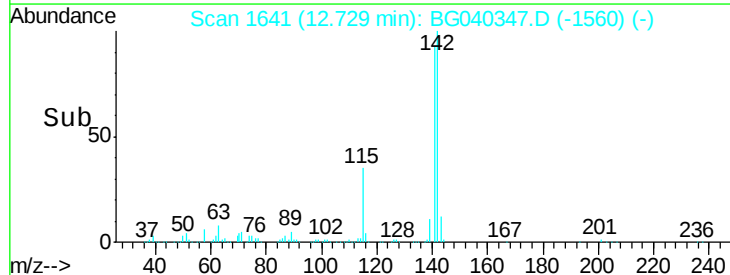
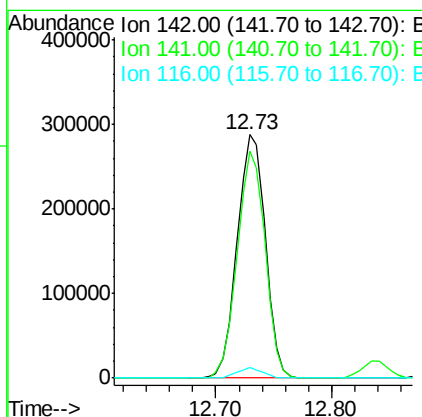
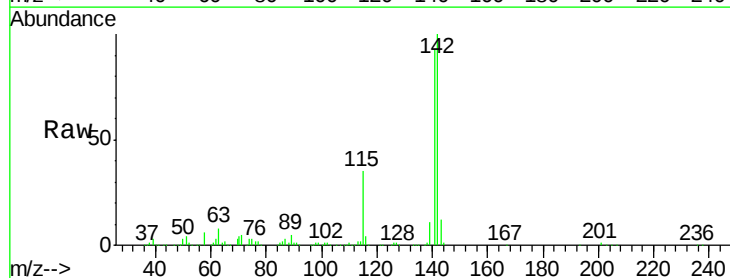
Manual Integrations
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#38
 1-Methylnaphthalene
 Concen: 41.987 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	486840		
141	93.3	74.2	111.4	
116	4.3	3.0	4.4	





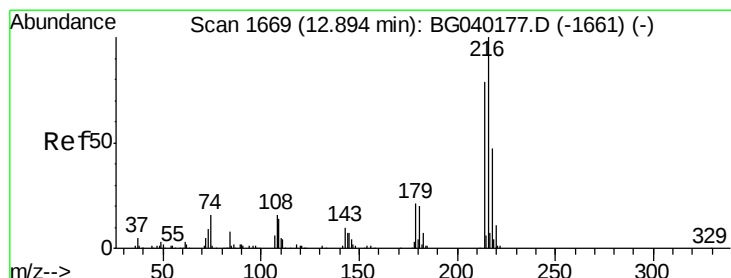
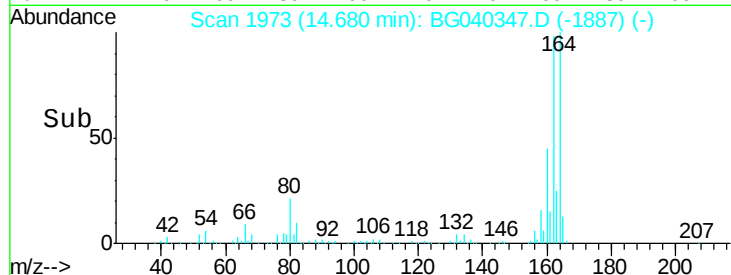
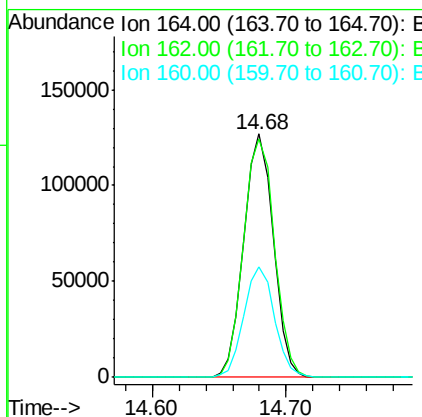
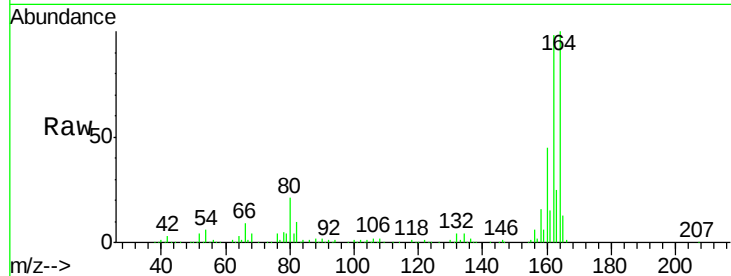
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194563		
162	98.0	77.4	116.2	
160	45.5	35.3	52.9	

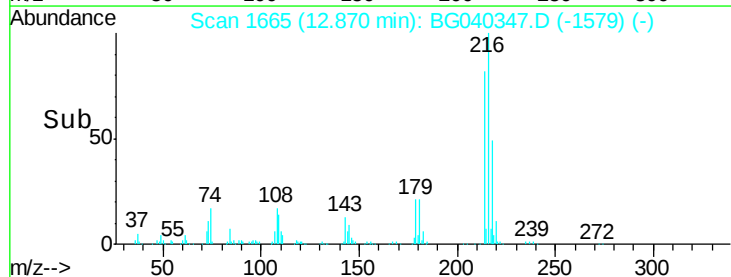
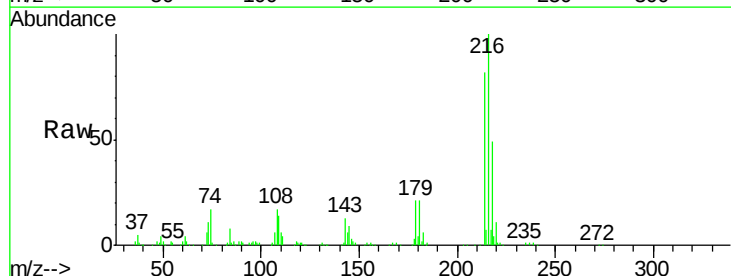
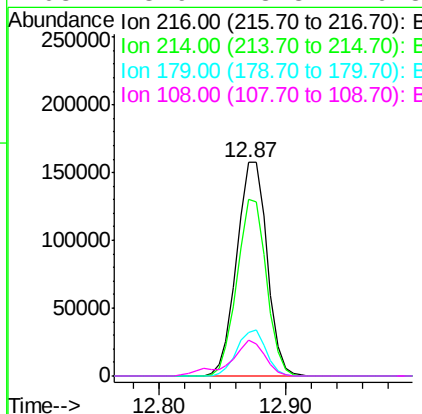
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.338 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	261813		
214	79.7	63.5	95.3	
179	20.7	16.6	25.0	
108	18.9	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 85.685 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion: 237 Resp: 290935
Ion Ratio Lower Upper

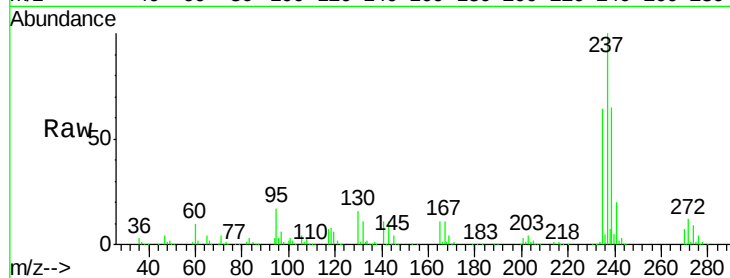
237 100

235 64.1 46.2 86.2

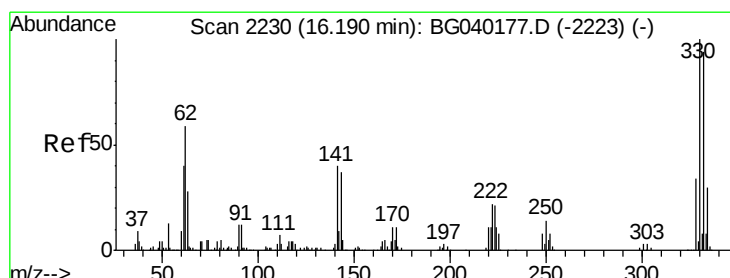
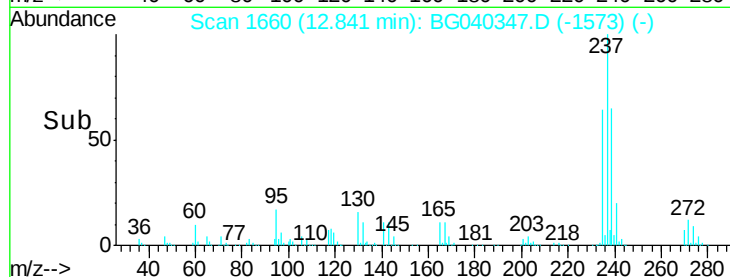
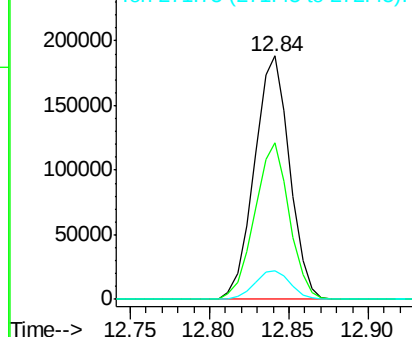
272 11.5 0.0 30.5

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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: 92.813 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040347.D

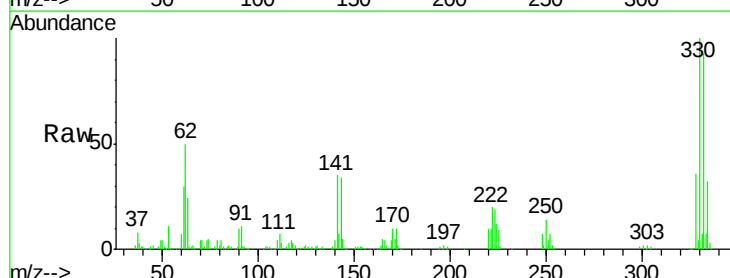
Acq: 4 Apr 2019 5:55

Tgt Ion: 330 Resp: 195159
Ion Ratio Lower Upper

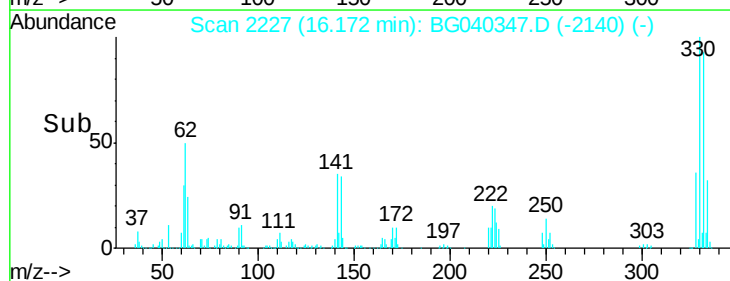
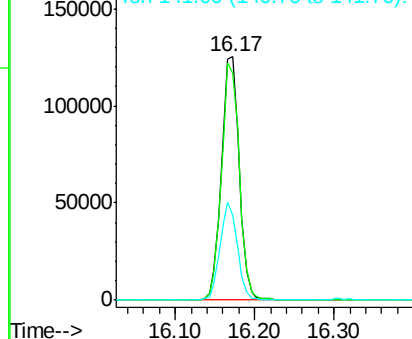
330 100

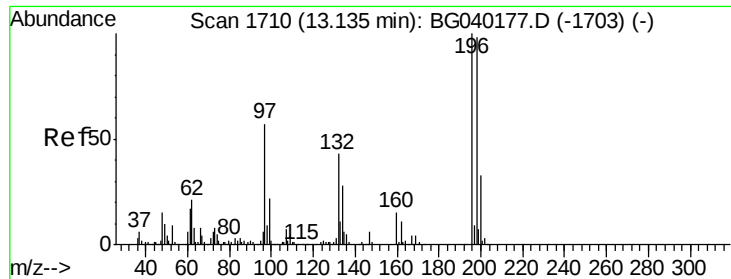
332 97.0 76.6 115.0

141 38.8 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





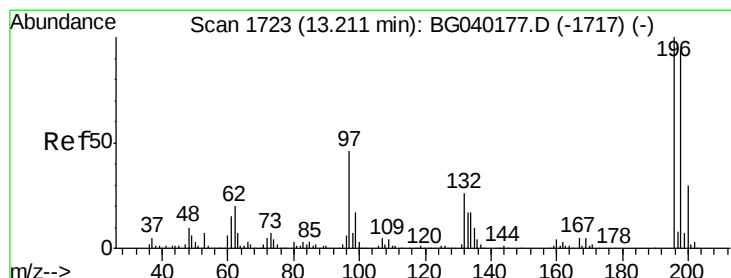
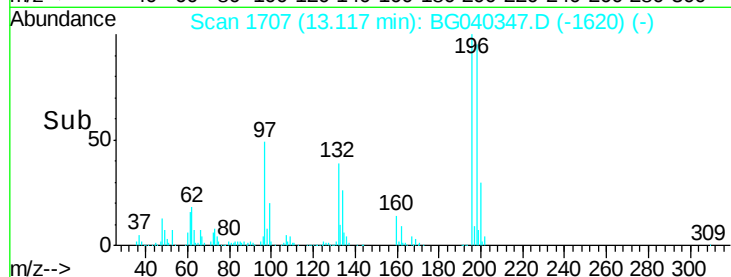
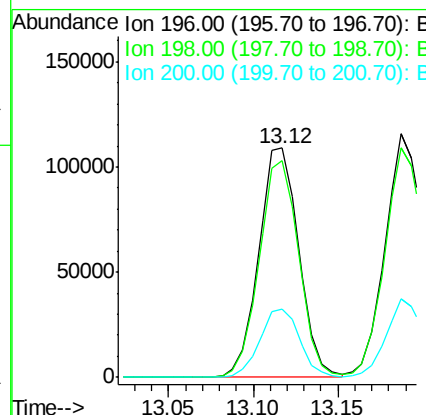
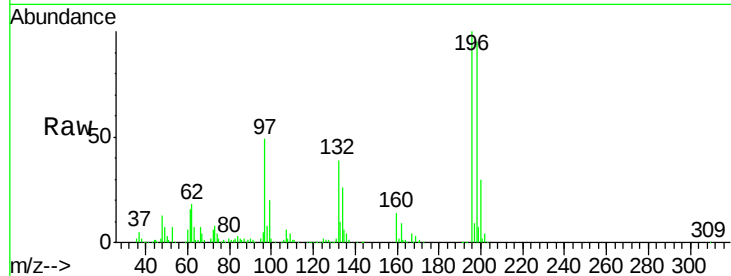
#43
 2,4,6-Trichlorophenol
 Concen: 45.057 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179640		
198	94.6	78.3	117.5	
200	29.8	26.0	39.0	

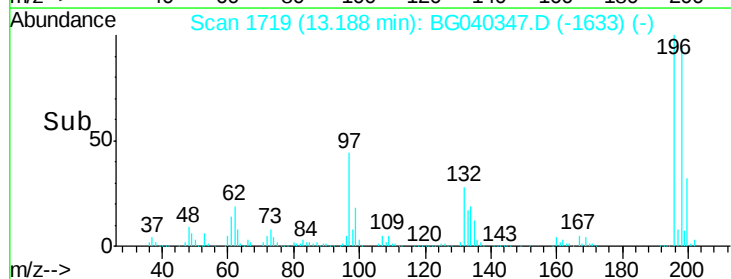
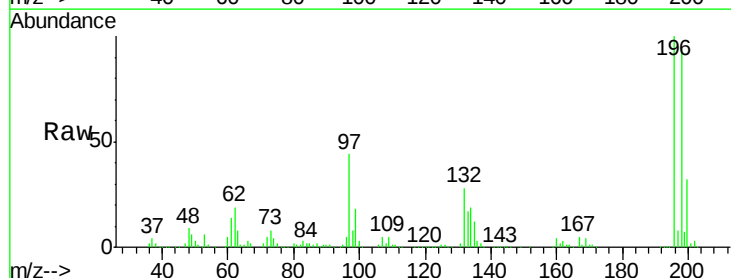
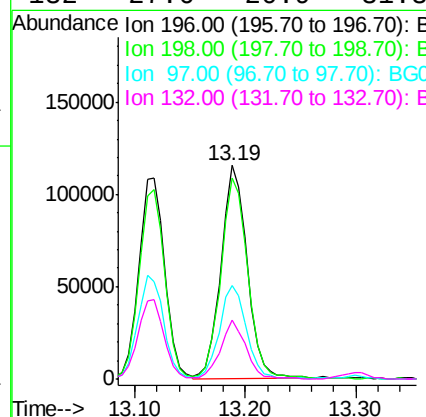
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#44
 2,4,5-Trichlorophenol
 Concen: 43.739 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190074		
198	94.1	75.0	112.6	
97	43.7	37.3	55.9	
132	27.6	20.9	31.3	





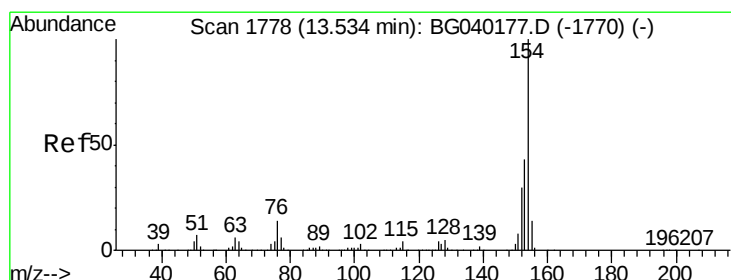
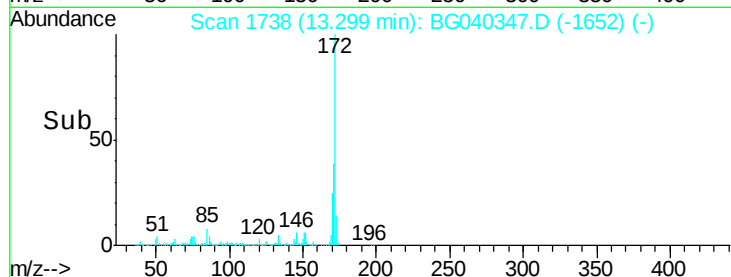
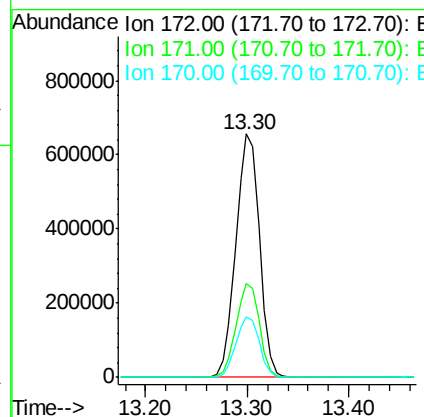
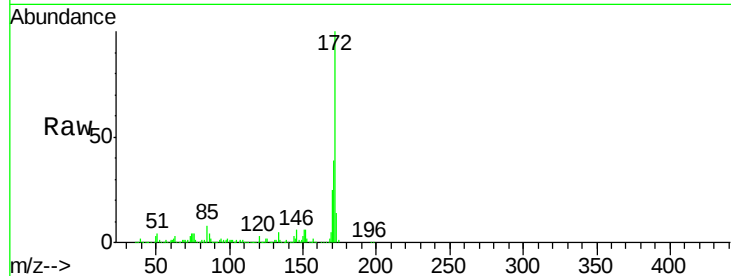
#45
 2-Fluorobiphenyl
 Concen: 80.471 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion:172 Resp: 1056619
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.5 45.7
 170 24.8 20.1 30.1

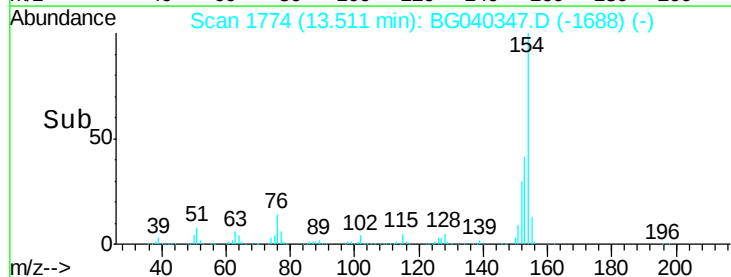
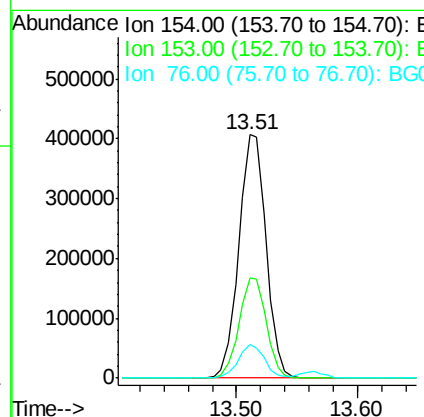
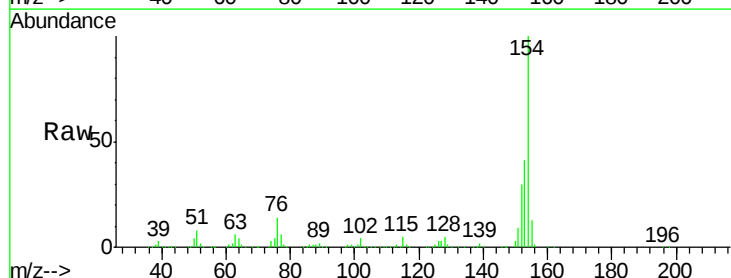
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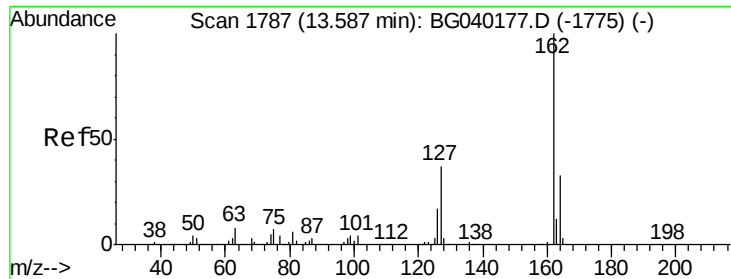
Sohil
 4/4/2019 5:40:15 PM



#46
 1,1'-Biphenyl
 Concen: 41.482 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion:154 Resp: 637703
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.5 62.5
 76 13.6 0.0 33.7





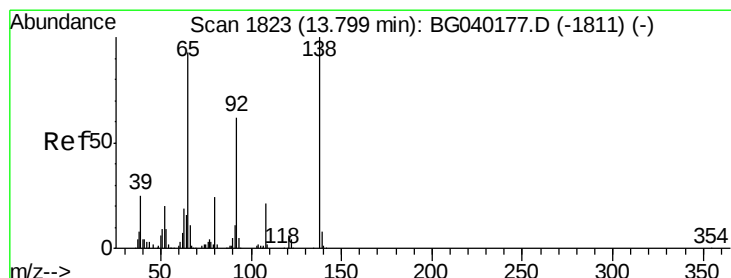
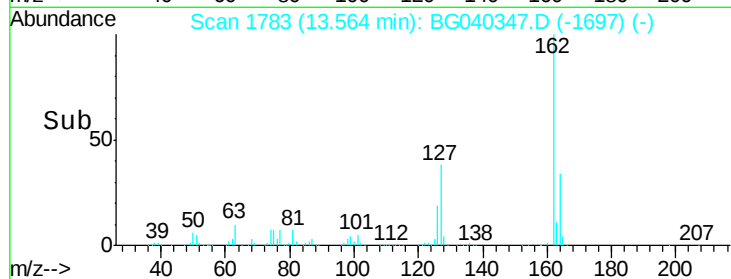
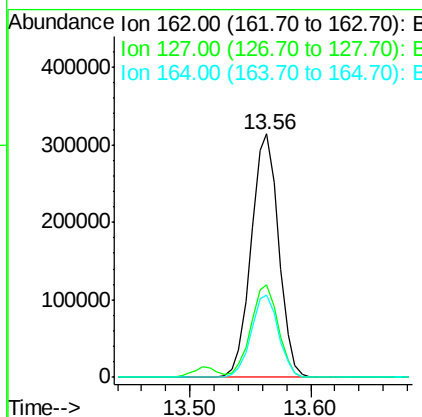
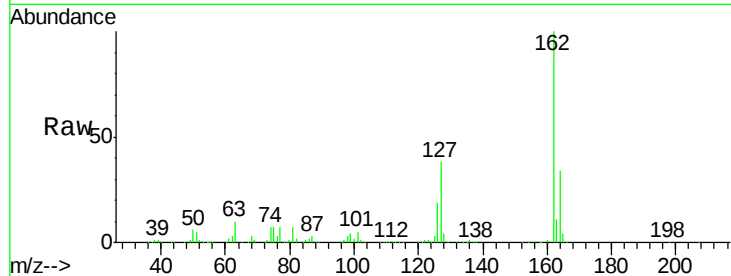
#47
2-Chloronaphthalene
Concen: 42.314 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	498965		
127	37.9	30.6	45.8	
164	33.8	26.2	39.4	

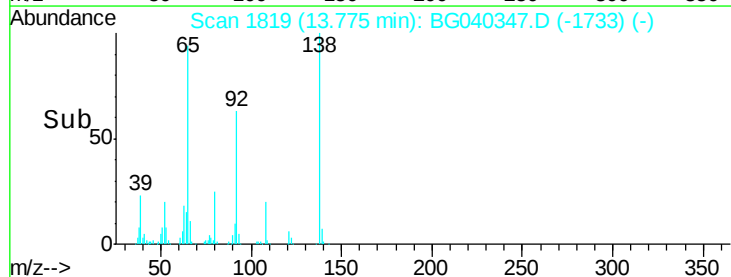
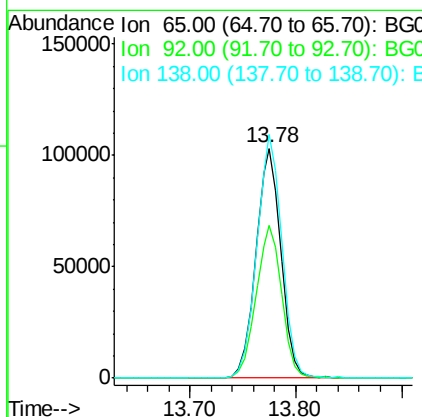
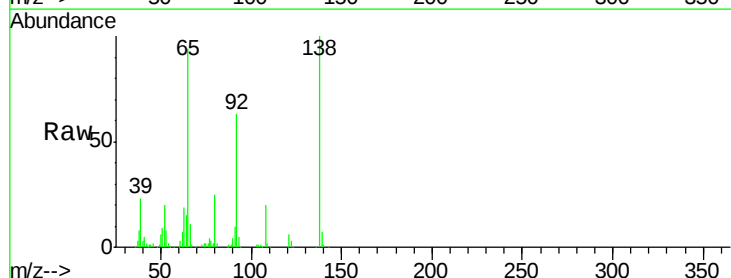
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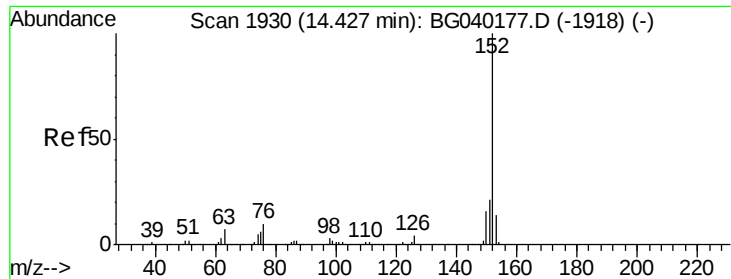
Sohil
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#48
2-Nitroaniline
Concen: 42.973 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	170927		
92	66.5	53.8	80.6	
138	105.9	86.3	129.5	





#49

Acenaphthylene

Concen: 40.509 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

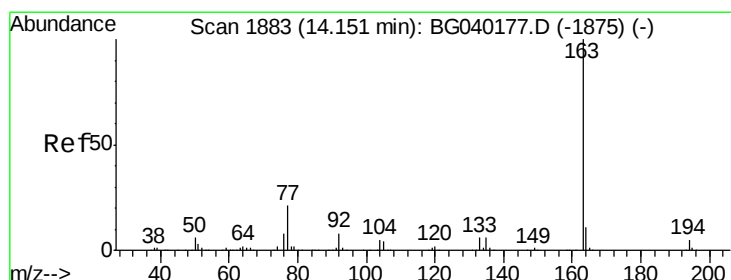
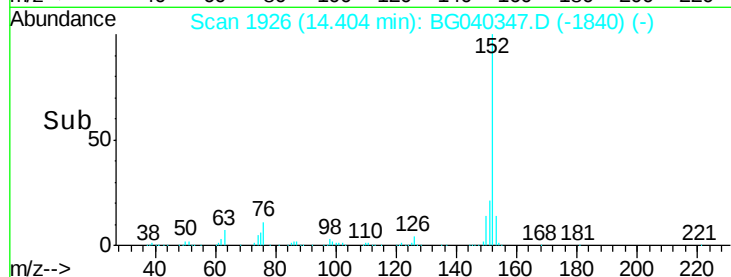
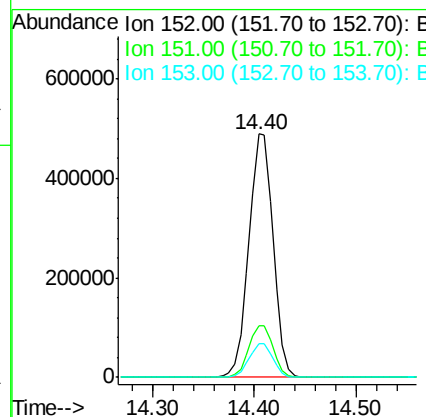
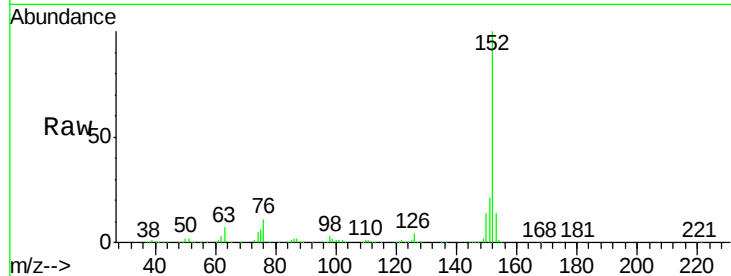
ClientSampleId :

PB118527BSD

Tgt Ion:	152	Resp:	809908
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.0	25.6
153	13.8	10.8	16.2

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#50

Dimethylphthalate

Concen: 42.144 ng

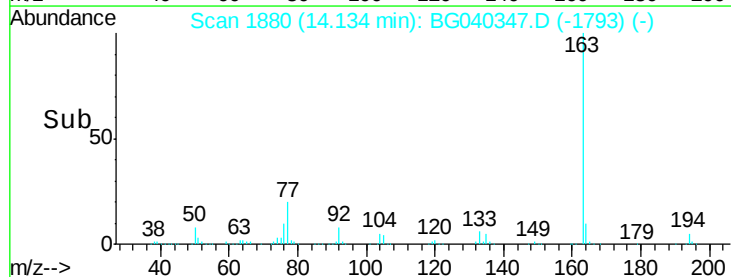
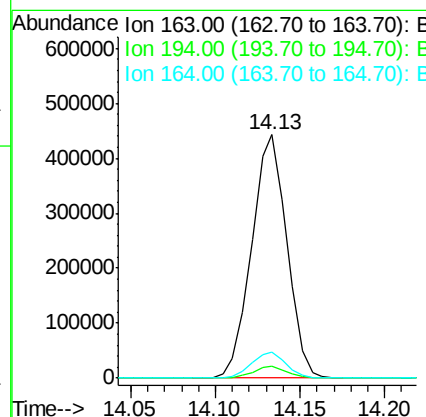
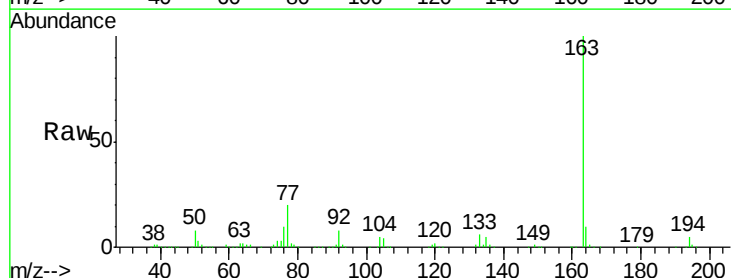
RT: 14.13 min Scan# 1880

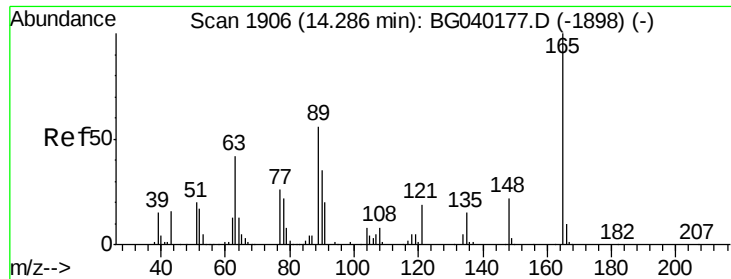
Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	163	Resp:	641736
Ion Ratio	Lower	Upper	
163	100		
194	4.8	4.1	6.1
164	10.4	8.6	13.0





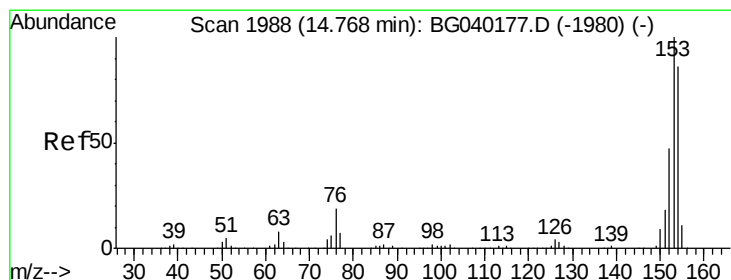
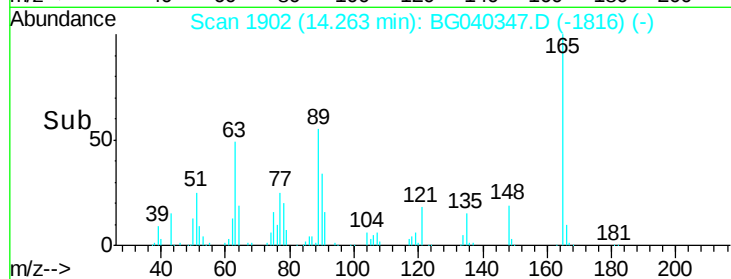
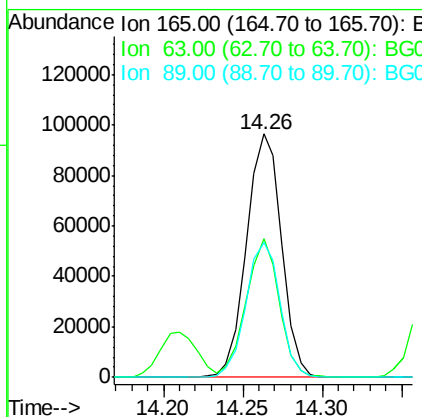
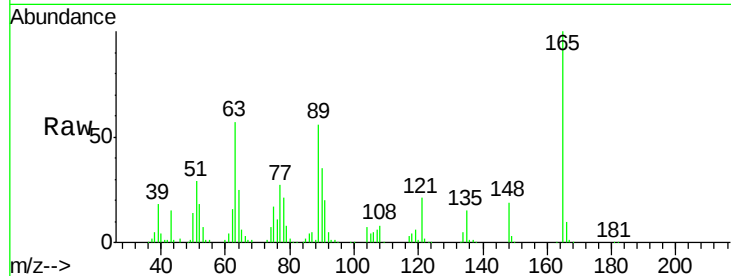
#51
 2,6-Dinitrotoluene
 Concen: 43.199 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.9	44.1	66.1
89	55.5	44.9	67.3

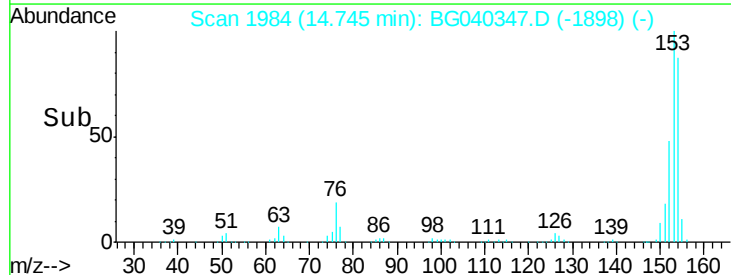
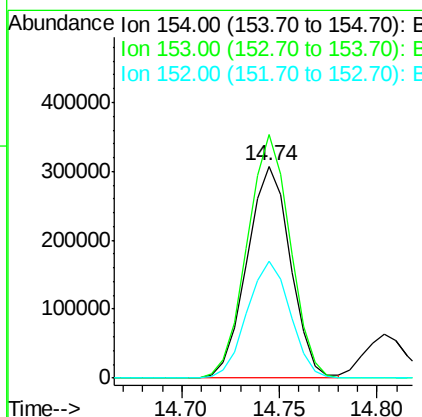
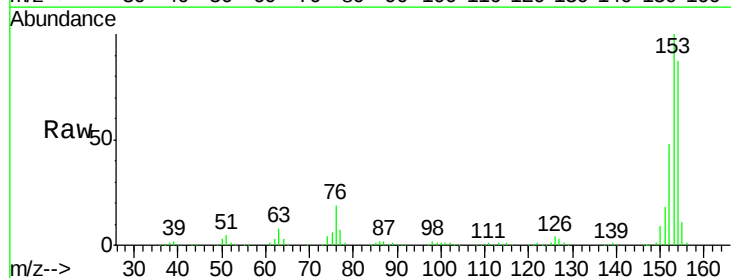
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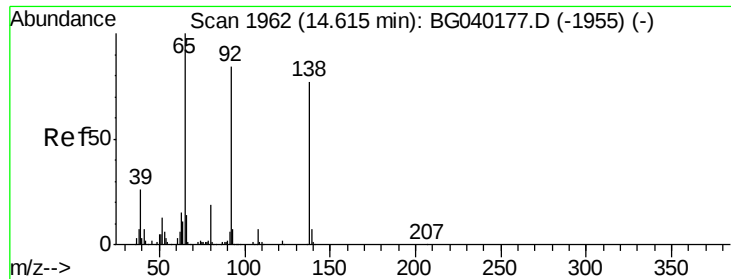
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#52
 Acenaphthene
 Concen: 41.411 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.9	92.8	139.2
152	55.4	43.4	65.2





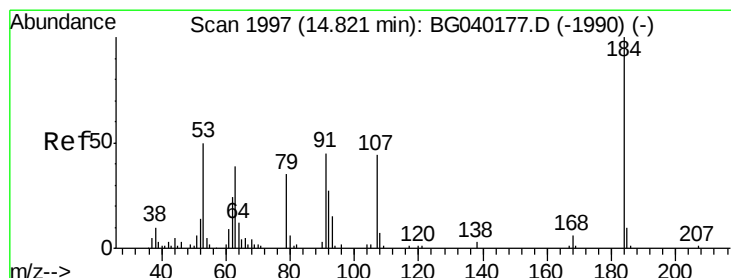
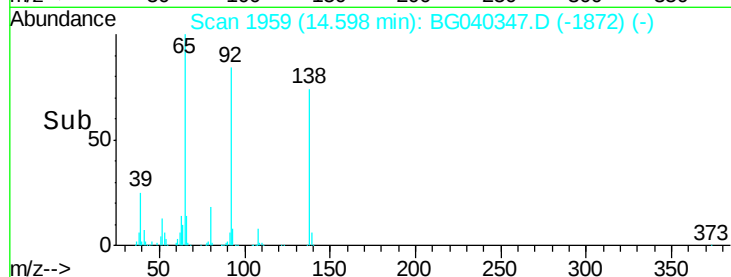
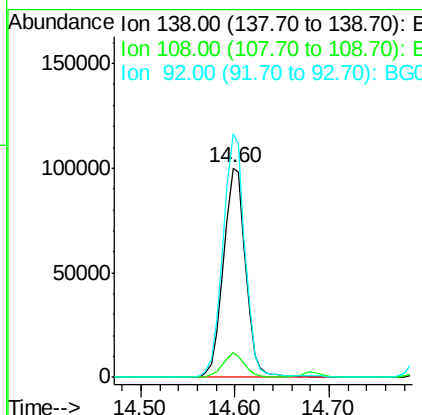
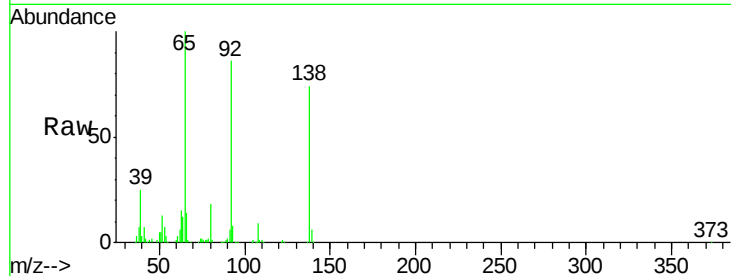
#53
3-Nitroaniline
Concen: 45.681 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	165329		
108	11.6	7.8	11.8	
92	116.3	87.5	131.3	

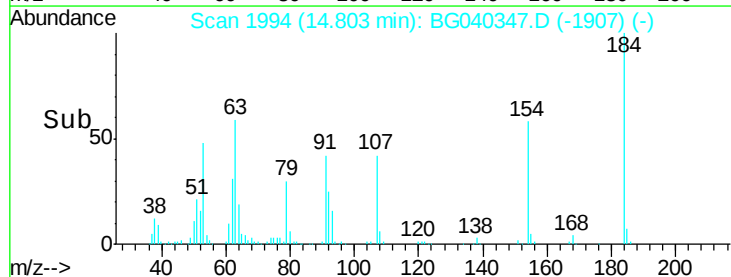
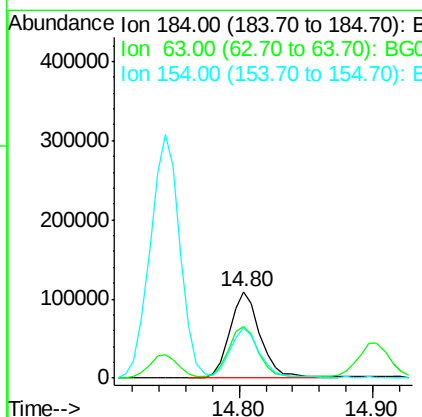
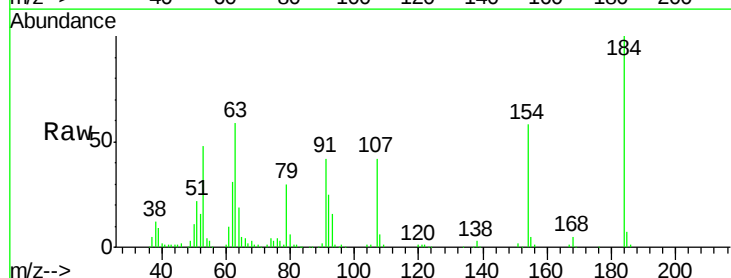
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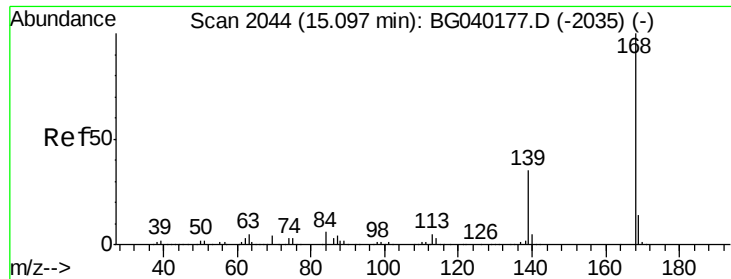
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#54
2,4-Dinitrophenol
Concen: 95.891 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	174362		
63	59.3	51.8	77.8	
154	57.9	50.9	76.3	





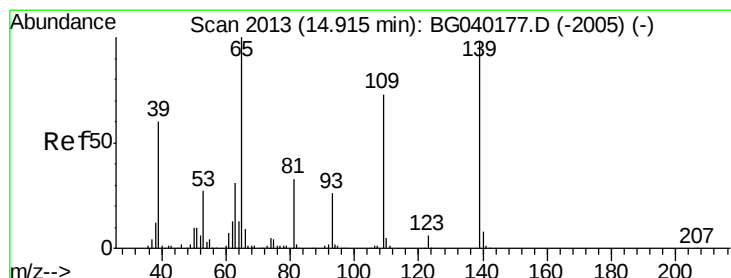
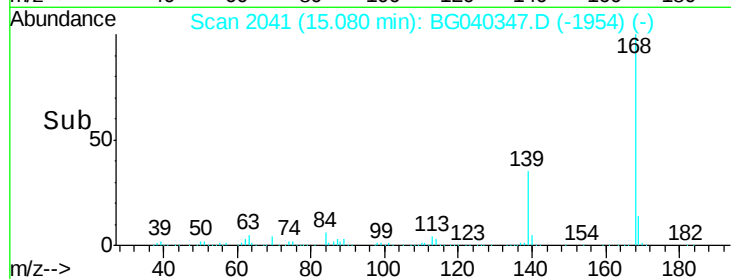
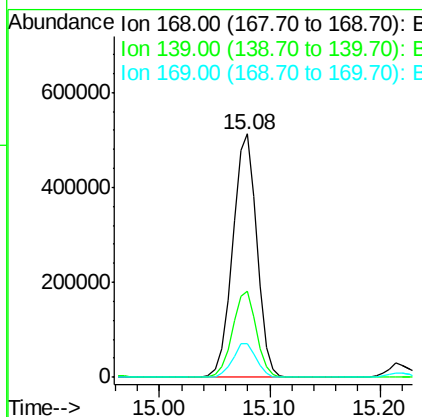
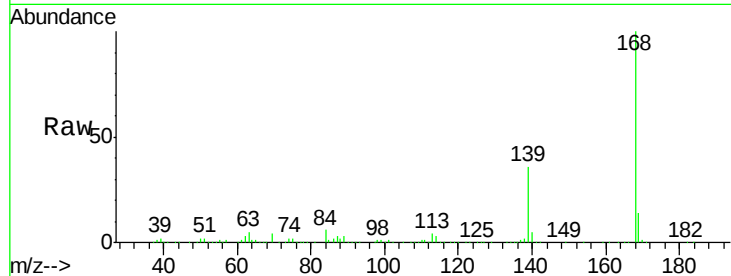
#55
Dibenzenofuran
Concen: 42.539 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	783091		
139	35.5	27.9	41.9	
169	14.0	11.3	16.9	

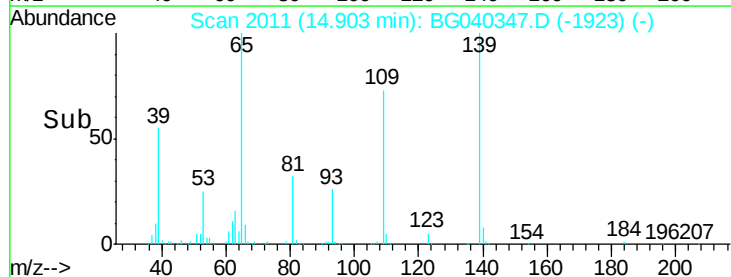
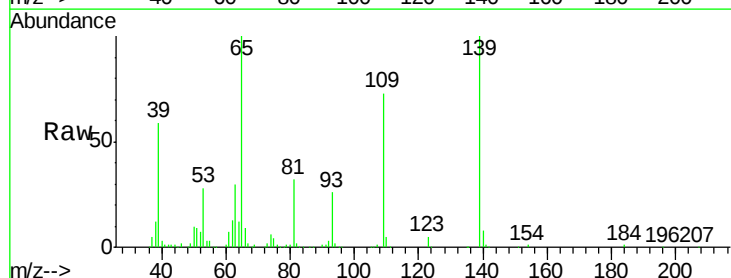
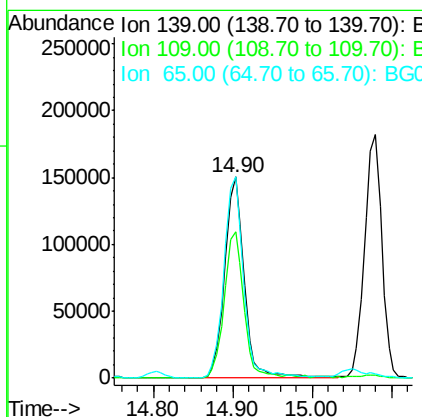
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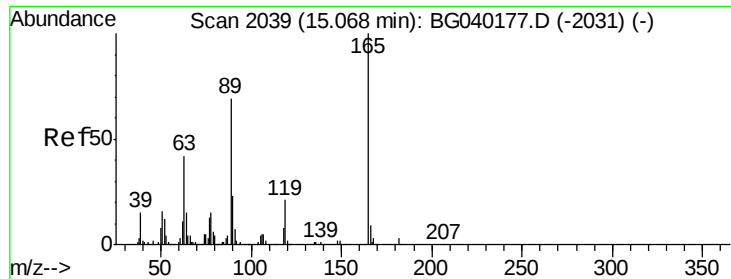
Sohil
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#56
4-Nitrophenol
Concen: 88.287 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	257885		
109	72.8	54.3	94.3	
65	100.3	82.5	122.5	





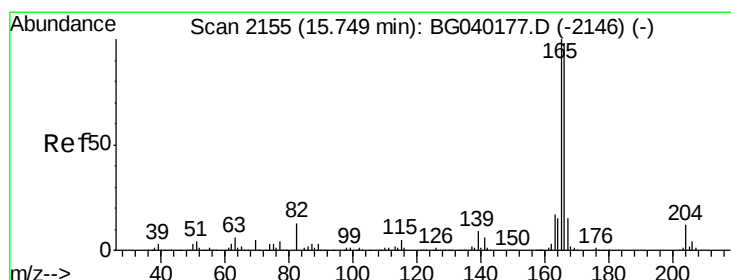
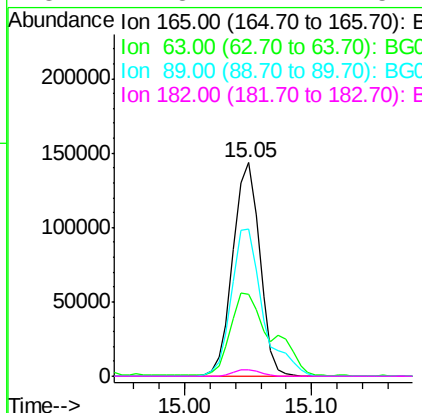
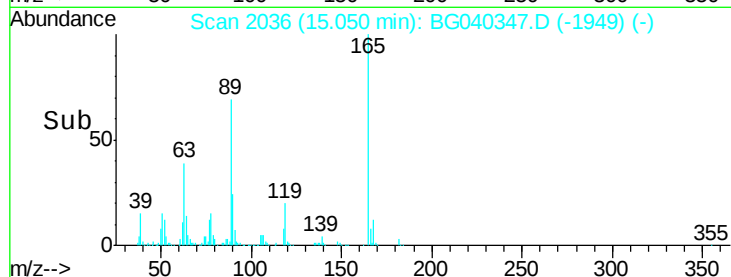
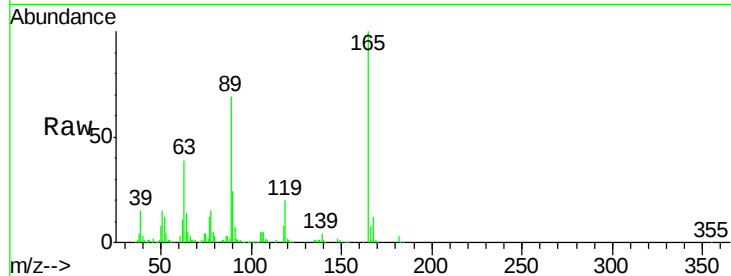
#57
2,4-Dinitrotoluene
Concen: 44.301 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		210466		
63	38.6		33.8	50.6	
89	68.7		55.4	83.2	
182	2.8		2.2	3.4	

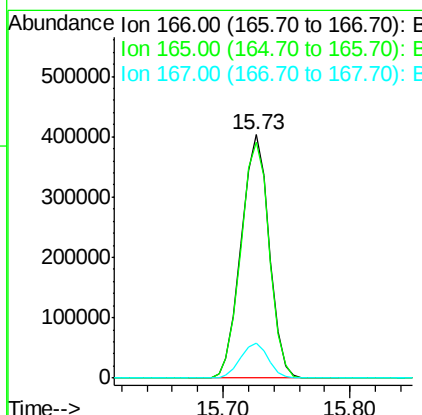
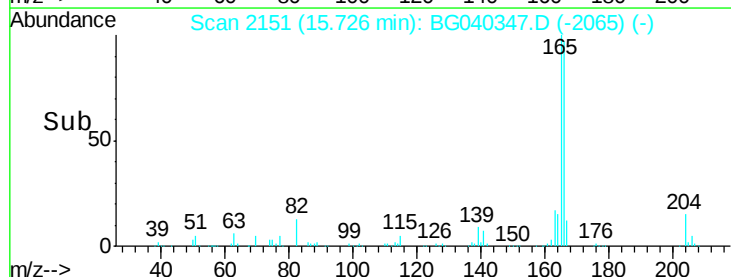
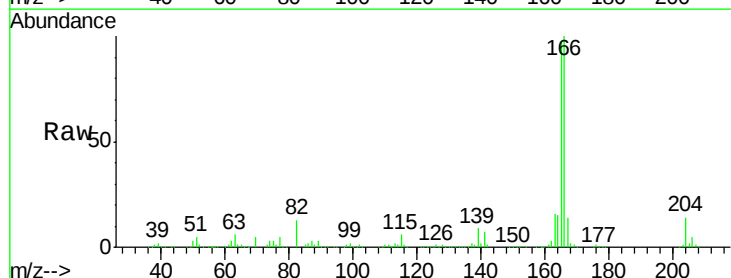
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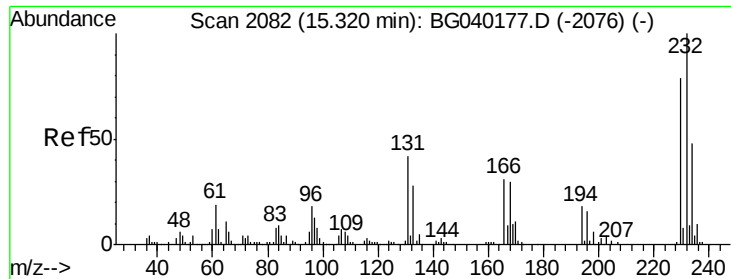
Sohil
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#58
Fluorene
Concen: 42.533 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		615601		
165	97.0		81.7	122.5	
167	14.5		11.9	17.9	





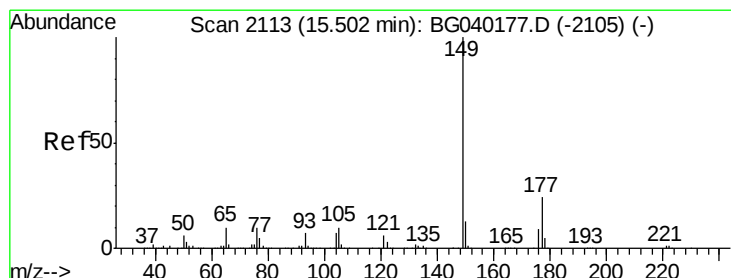
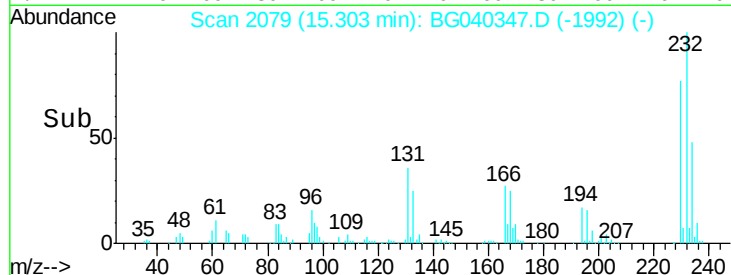
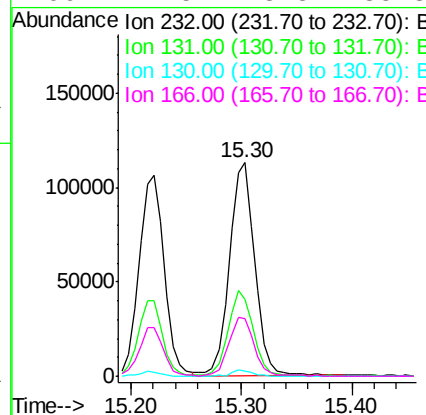
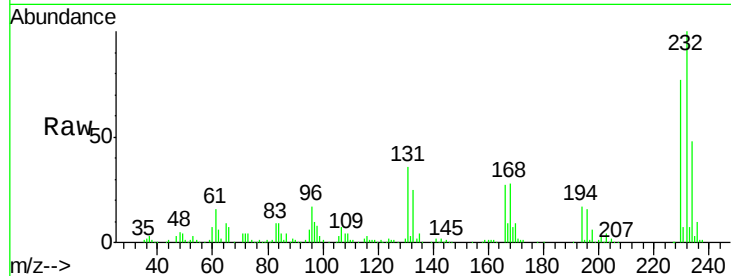
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.772 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	39.6	32.9	49.3
130	2.4	1.8	2.8
166	27.5	23.5	35.3

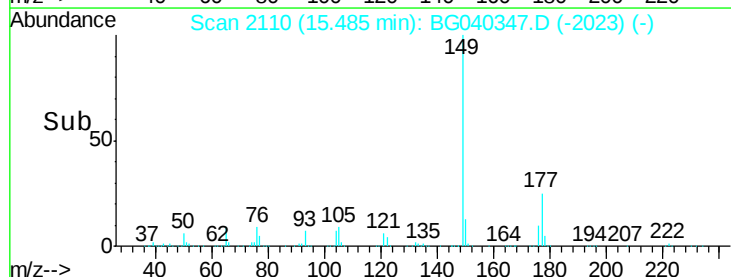
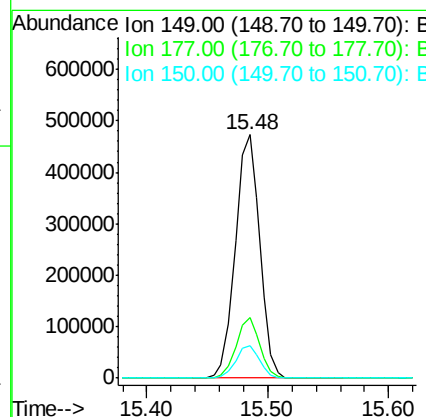
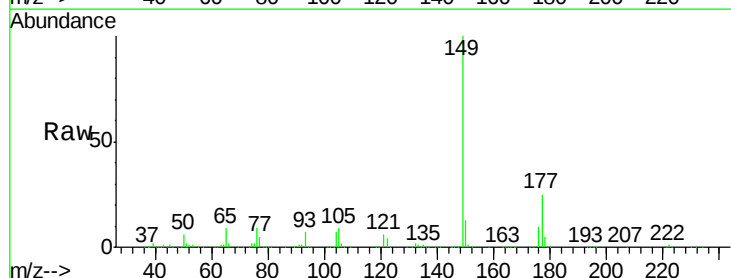
Manual Integrations
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Sohil
 4/4/2019 5:40:15 PM



#60
 Diethylphthalate
 Concen: 42.494 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	24.7	19.1	28.7
150	13.1	10.6	15.8





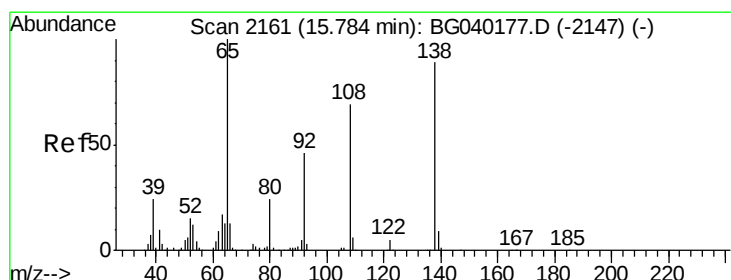
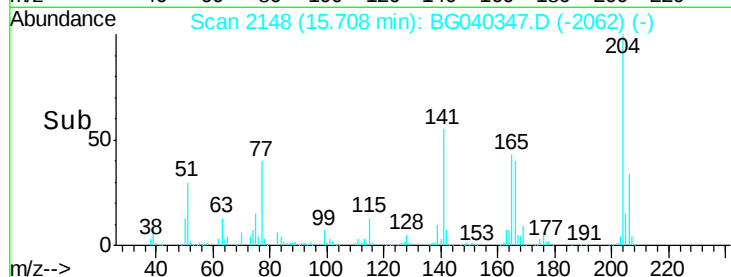
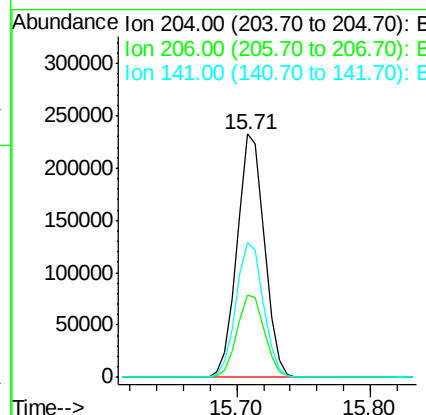
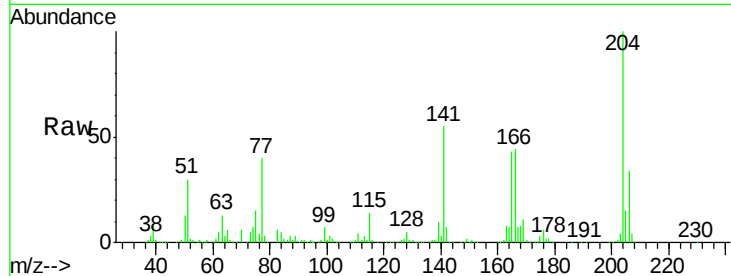
#61
 4-Chlorophenyl-phenylether
 Concen: 42.884 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.7	38.5
141	55.4	44.0	66.0

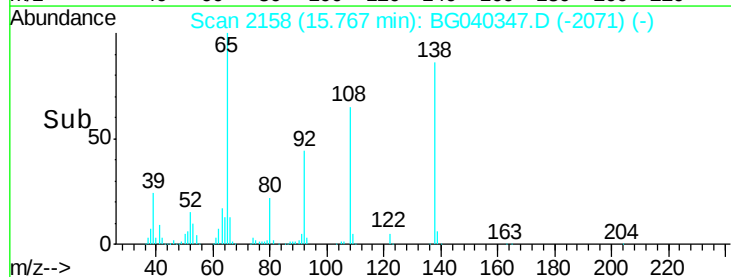
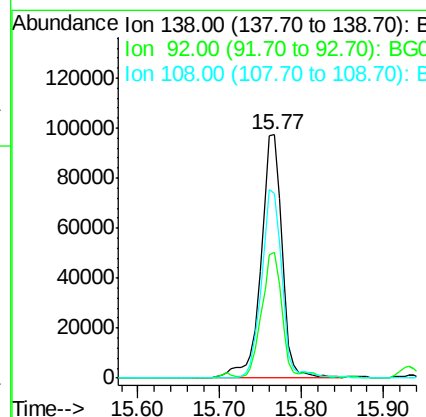
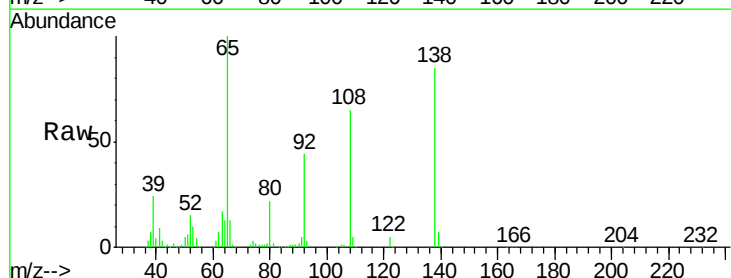
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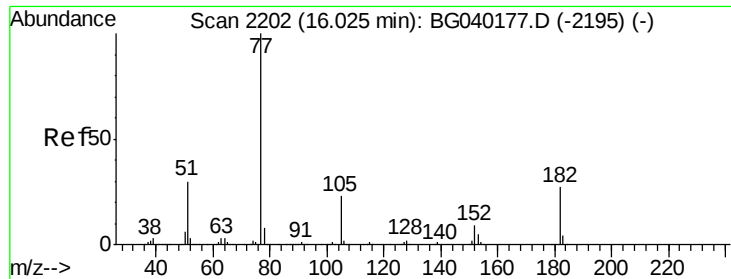
Sohil
 4/4/2019 5:40:15 PM



#62
 4-Nitroaniline
 Concen: 45.253 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.8	71.8
108	76.0	57.2	97.2





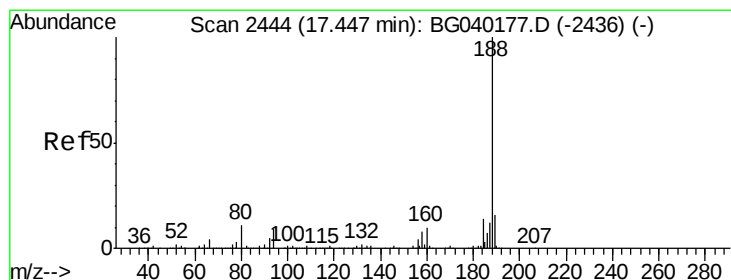
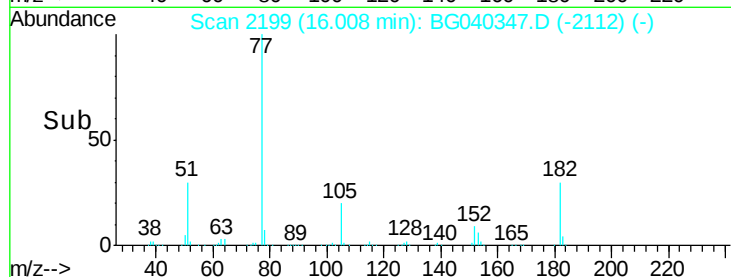
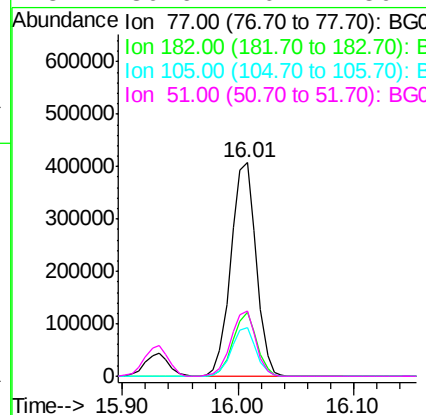
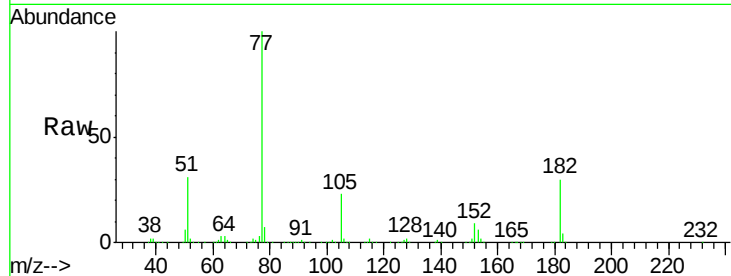
#63
Azobenzene
Concen: 41.869 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.2	47.2
105	23.0	2.8	42.8
51	30.6	10.4	50.4

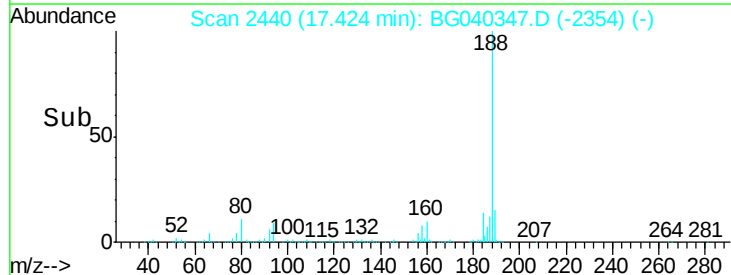
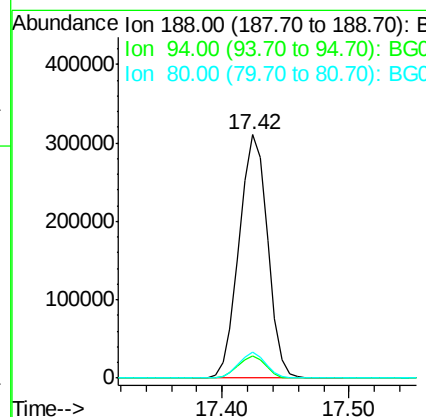
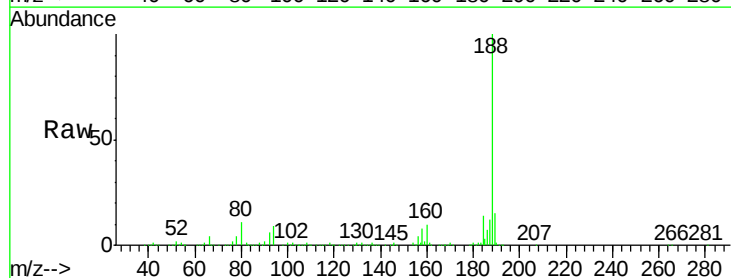
Manual Integrations
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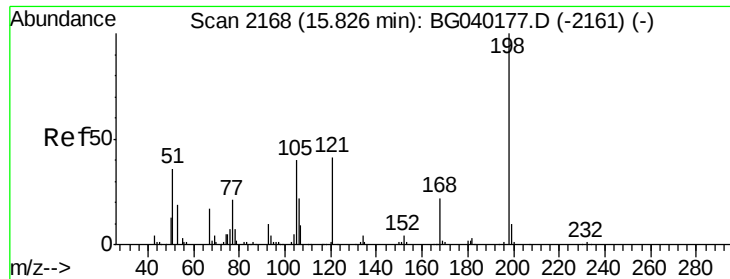
Sohil
4/4/2019 5:40:15 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.5	8.6	13.0





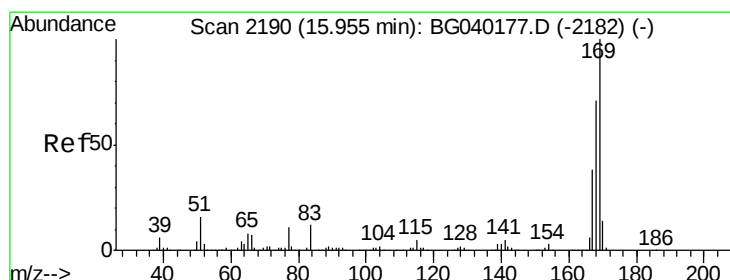
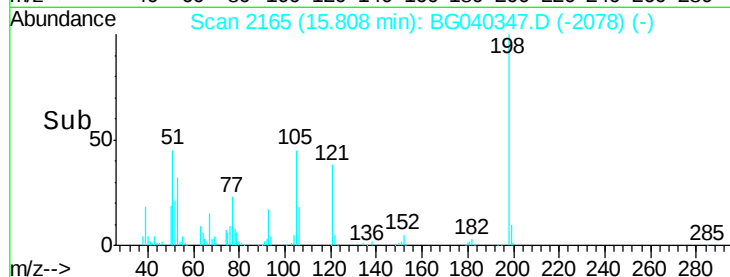
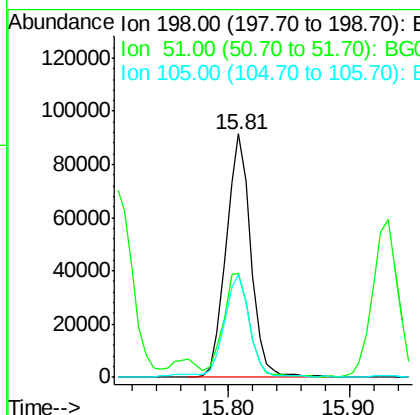
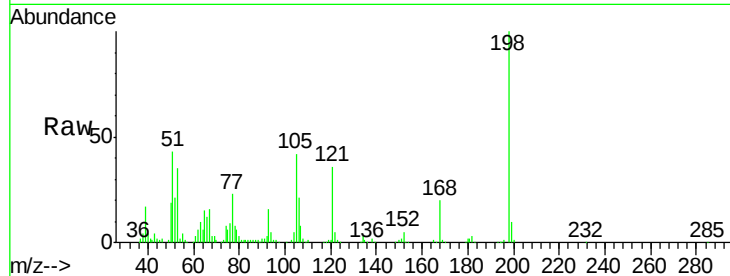
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.000 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	129939		
51	42.8	27.3	67.3	
105	42.3	21.7	61.7	

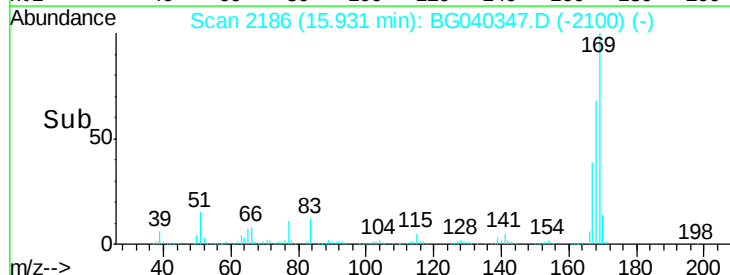
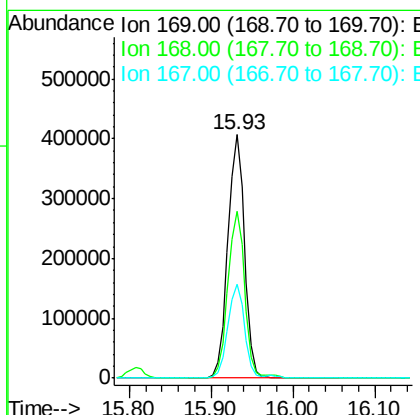
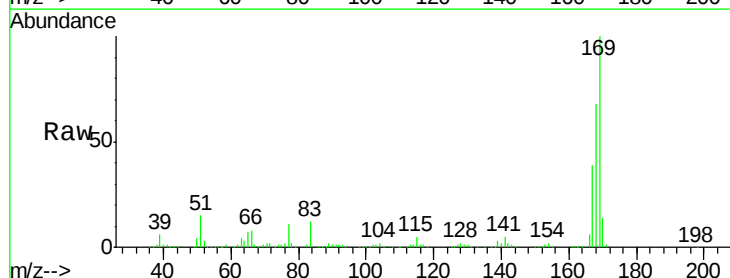
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#66
 n-Nitrosodiphenylamine
 Concen: 40.692 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	573764		
168	68.4	56.8	85.2	
167	38.8	30.2	45.4	





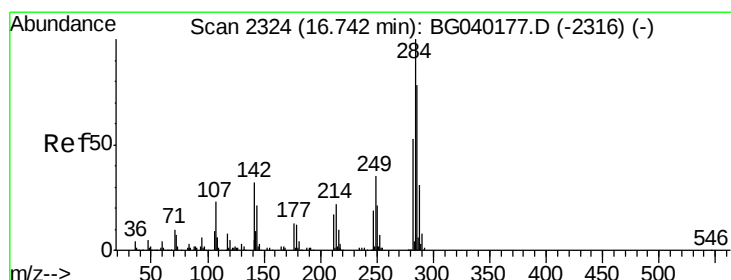
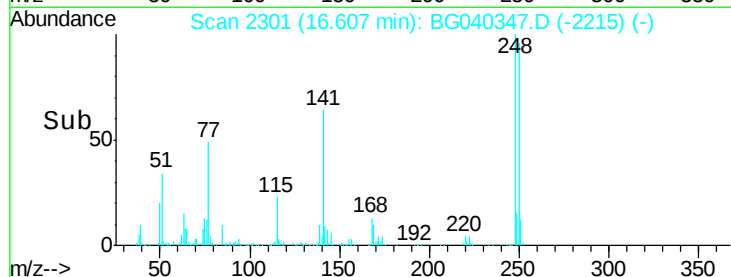
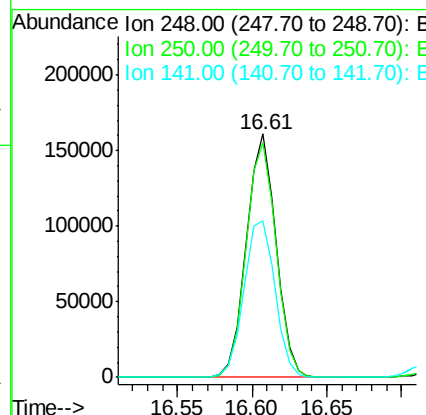
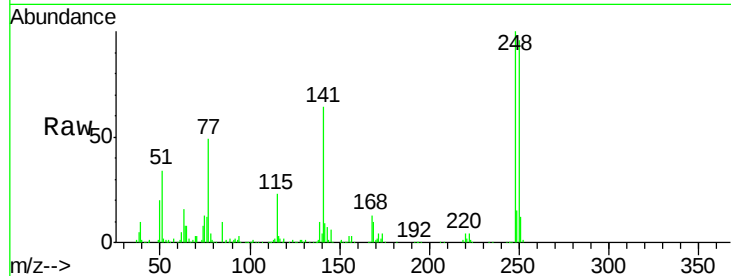
#67
4-Bromophenyl-phenylether
Concen: 40.612 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	220216		
250	96.2	76.4	114.6	
141	64.3	53.8	80.8	

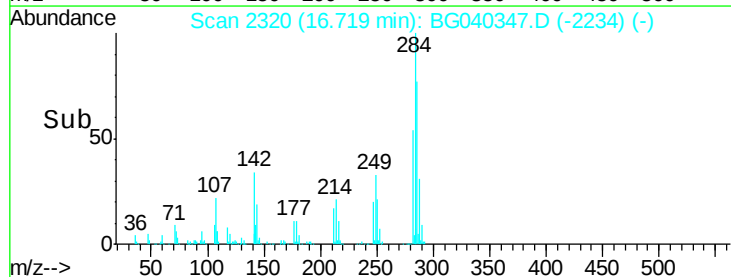
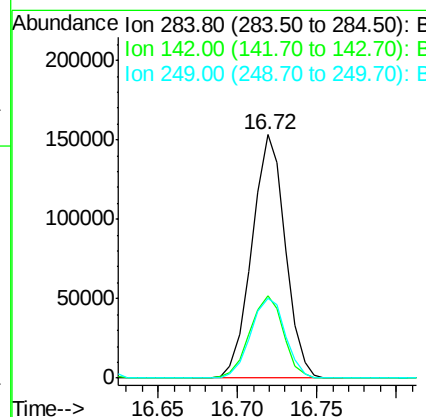
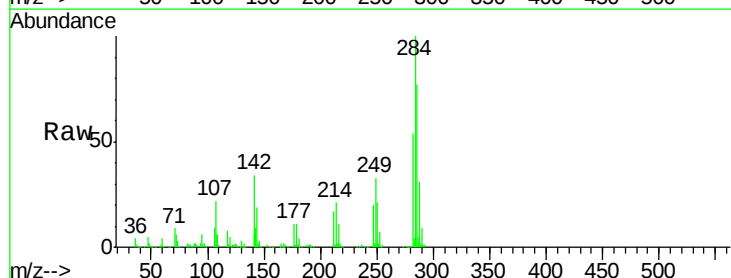
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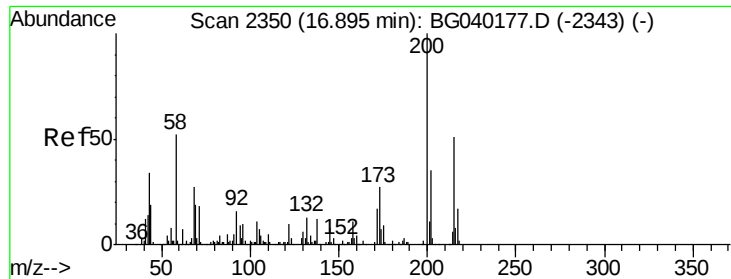
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#68
Hexachlorobenzene
Concen: 41.133 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	224258		
142	33.8	25.3	37.9	
249	32.6	28.2	42.2	





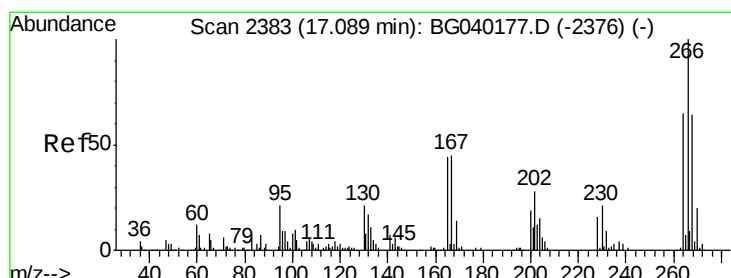
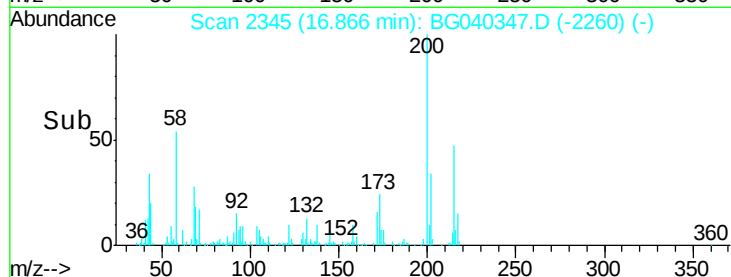
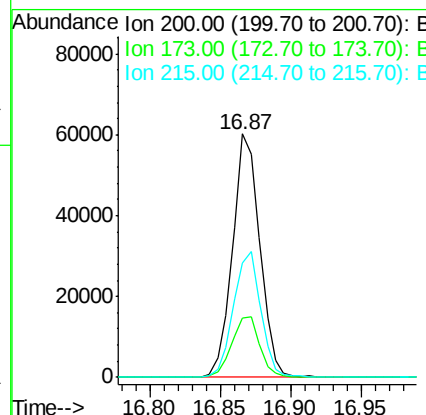
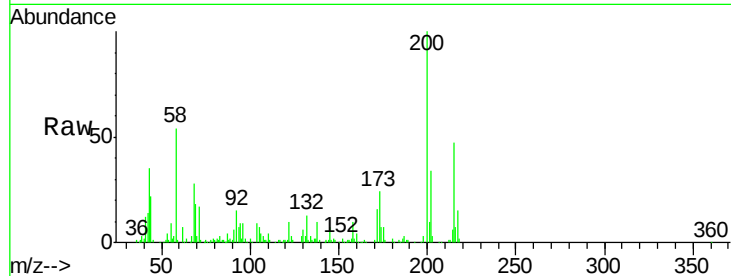
#69
 Atrazine
 Concen: 15.399 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.03 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	80772		
173	24.2	7.1	47.1	
215	47.0	30.9	70.9	

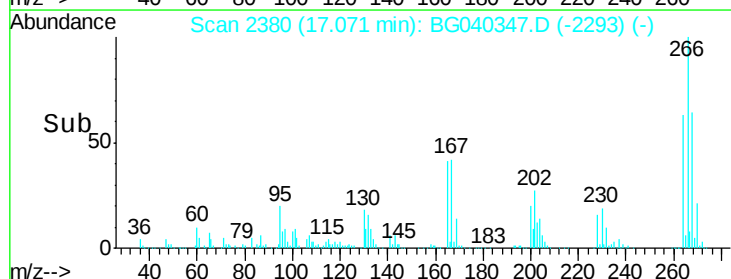
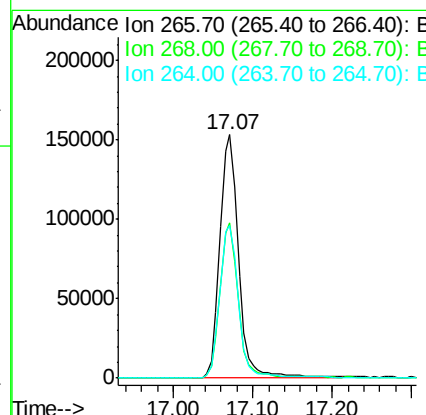
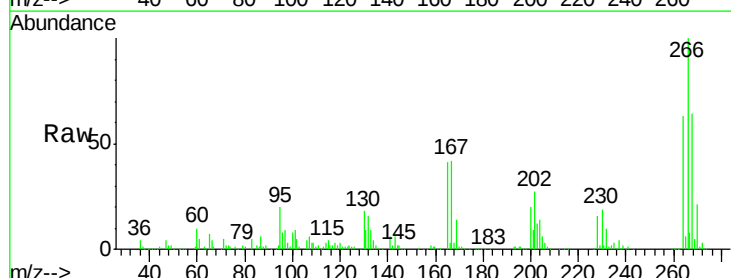
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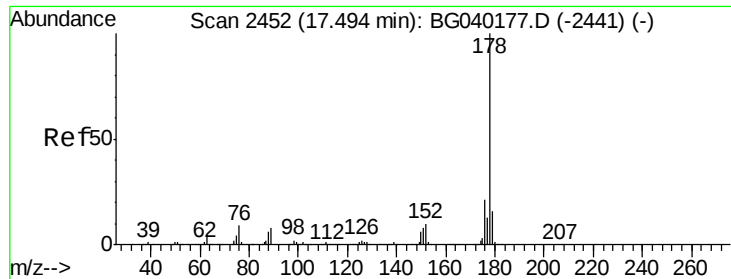
Sohil
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#70
 Pentachlorophenol
 Concen: 80.311 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	253143		
268	63.9	55.0	82.4	
264	62.8	51.8	77.8	





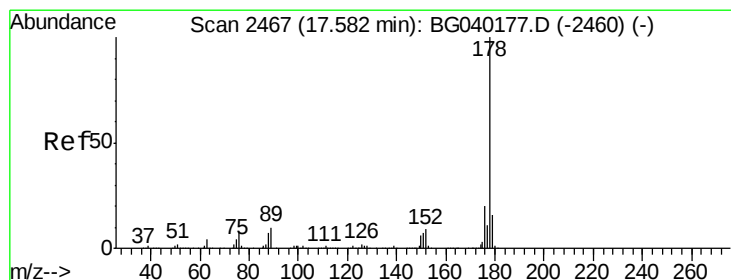
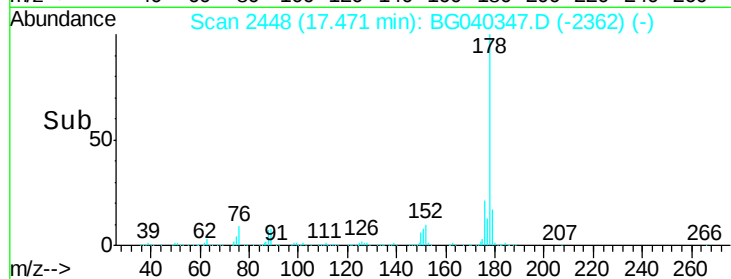
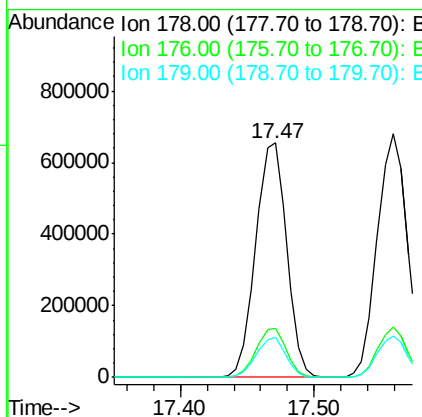
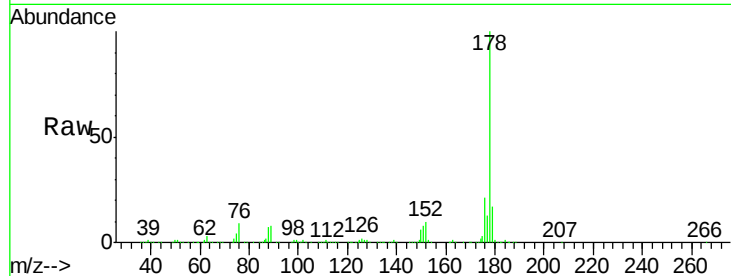
#71
Phenanthrene
Concen: 41.304 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion:178 Resp: 1046099
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 16.8 12.8 19.2

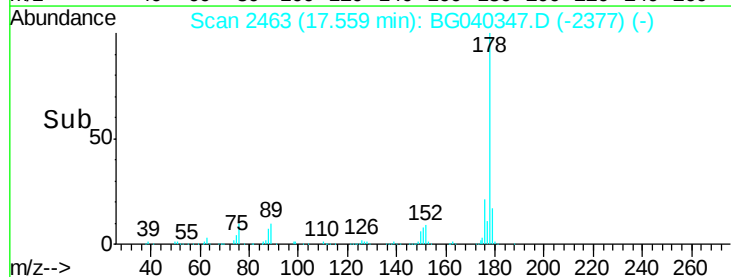
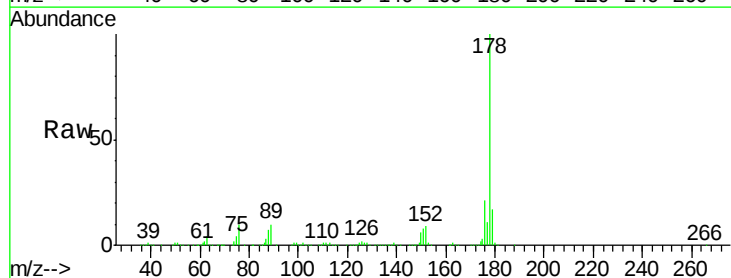
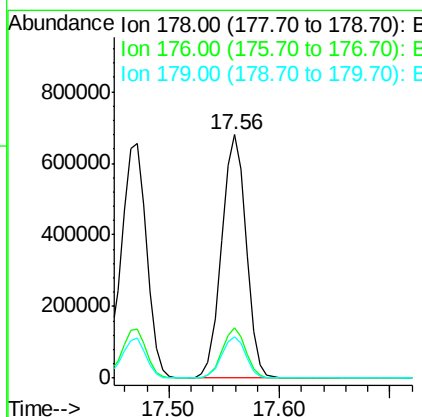
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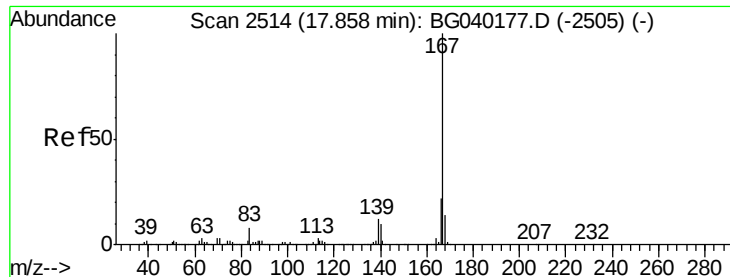
Sohil
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#72
Anthracene
Concen: 41.539 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion:178 Resp: 1052996
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 17.0 12.9 19.3





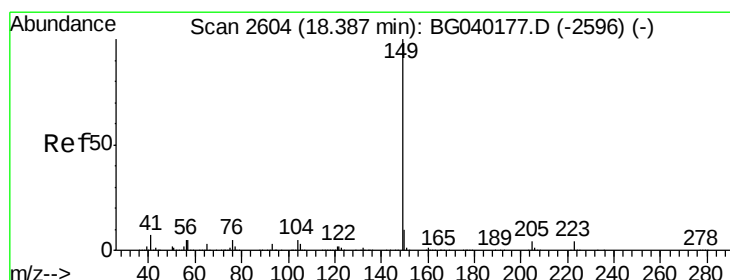
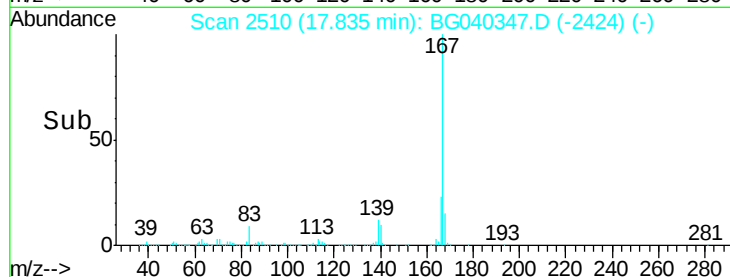
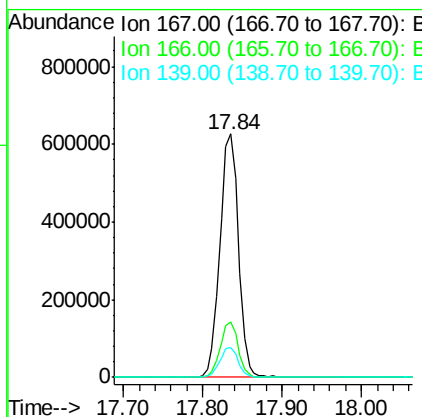
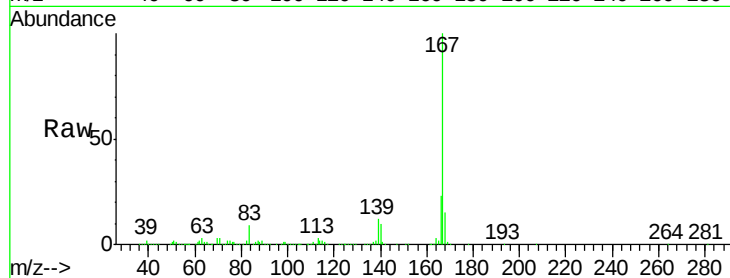
#73
 Carbazole
 Concen: 42.395 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.5	26.3
139	12.4	10.0	15.0

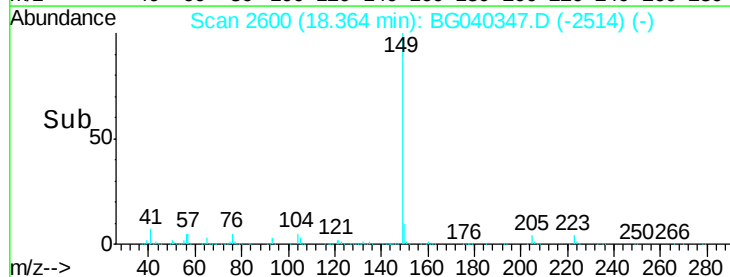
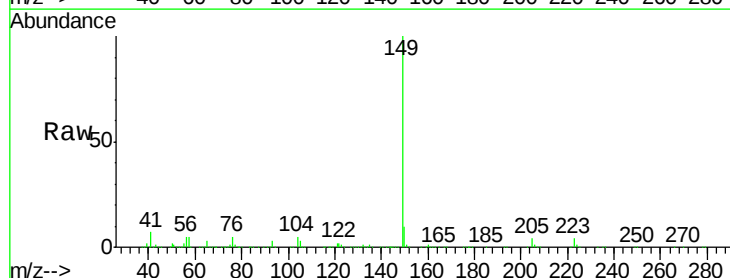
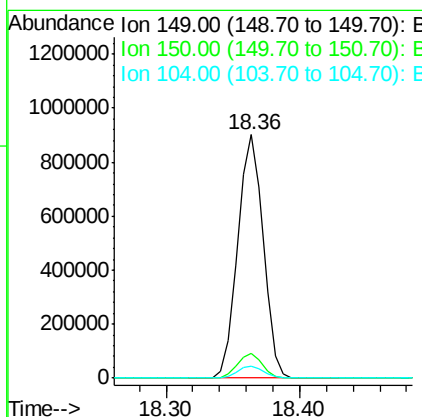
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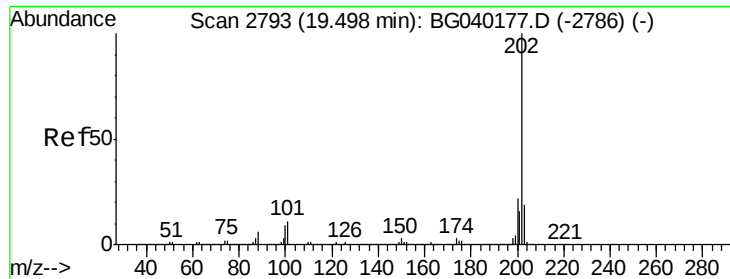
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.868 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040347.D
 Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 43.379 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

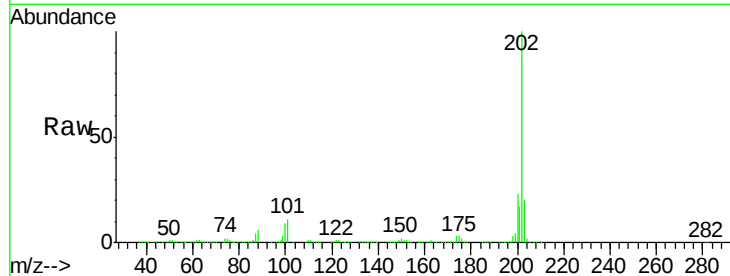
ClientSampleId :

PB118527BSD

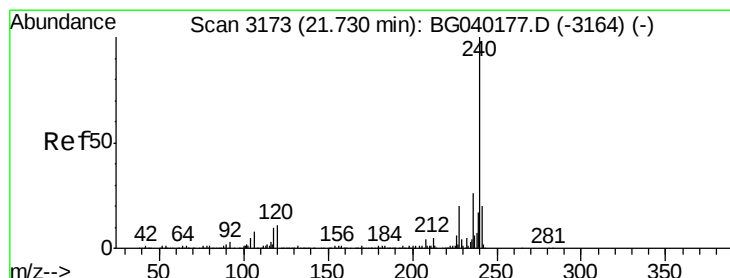
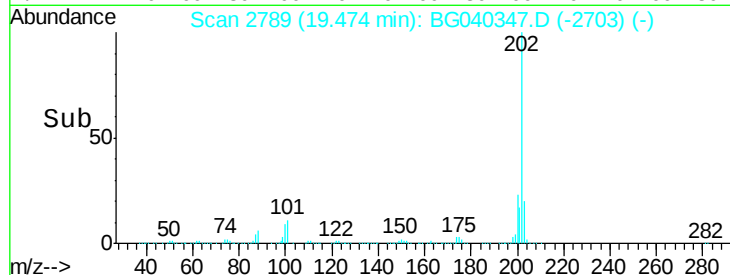
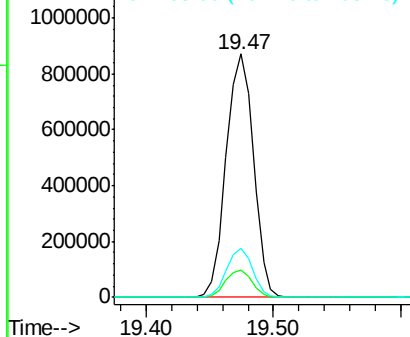
Tgt Ion:	202	Resp:	1300925
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.8
203	20.2	0.0	38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

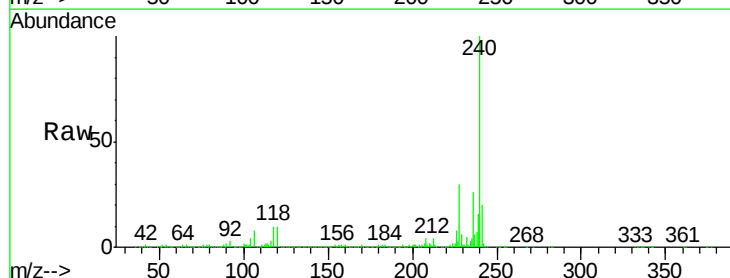
RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

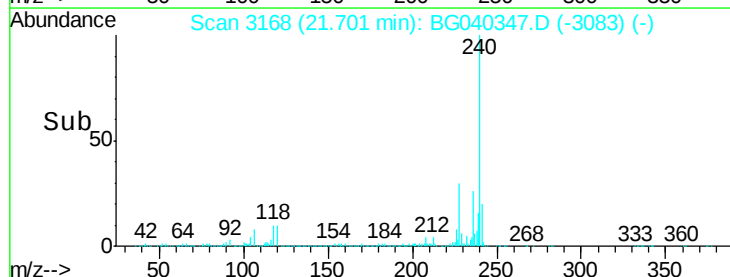
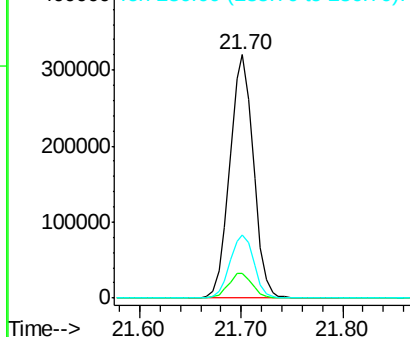
Lab File: BG040347.D

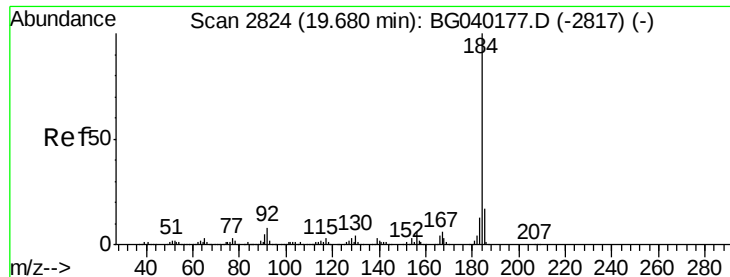
Acq: 4 Apr 2019 5:55

Tgt Ion:	240	Resp:	517274
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.4	12.6
236	26.0	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: 51.973 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

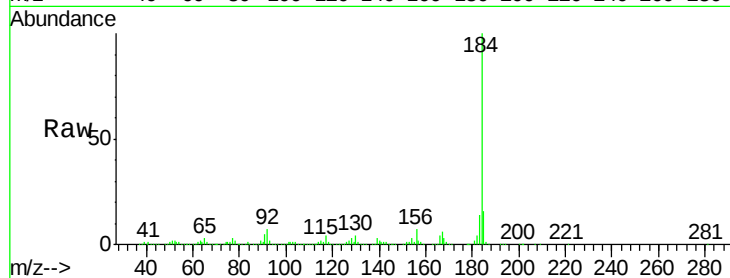
ClientSampleId :

PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	970825		
185	15.8	13.3	19.9	
183	13.7	10.3	15.5	

Manual Integrations
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Abundance

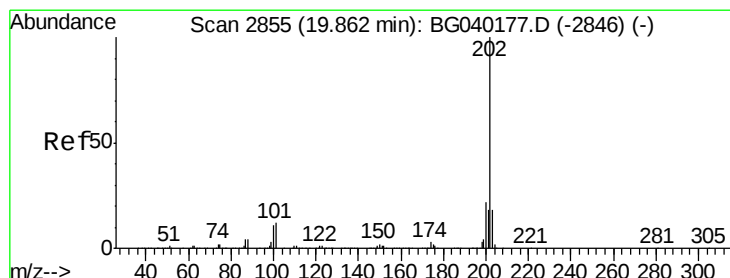
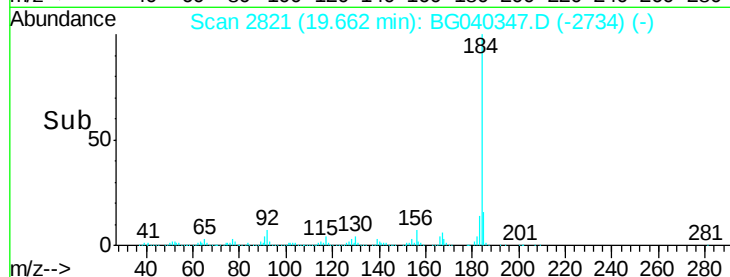
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.66

Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 38.666 ng

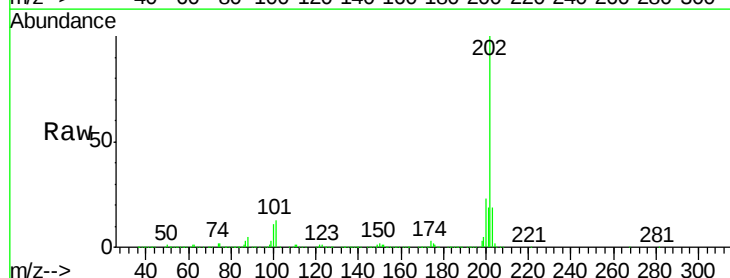
RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1315290		
200	22.8	17.3	25.9	
203	19.0	14.6	22.0	



Abundance

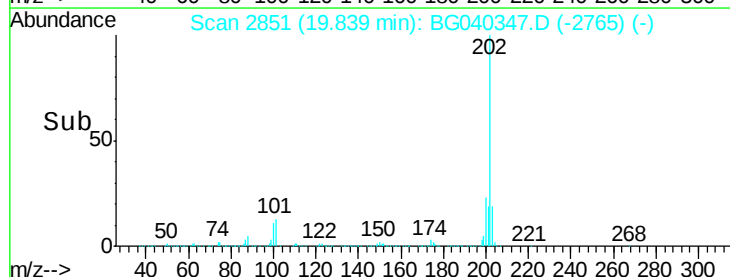
Ion 202.00 (201.70 to 202.70): E

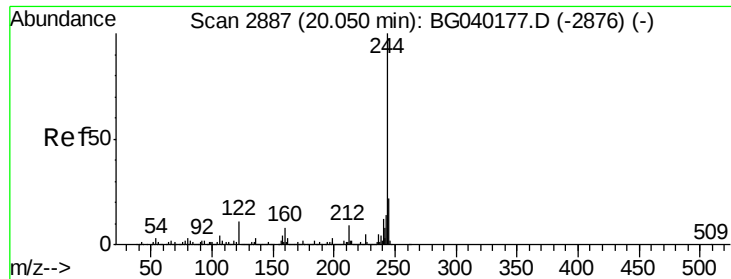
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.84

Time--> 19.70 19.80 19.90 20.00





#79

Terphenyl-d14

Concen: 76.882 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion:244 Resp: 1767778

Ion Ratio Lower Upper

244 100

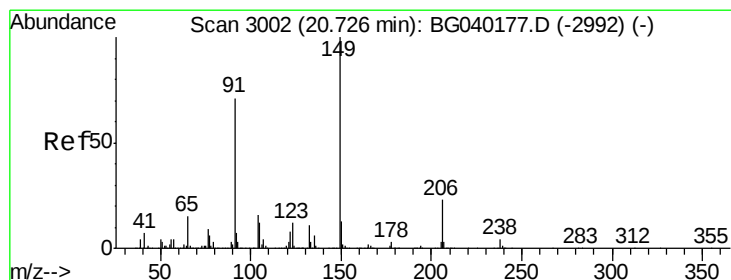
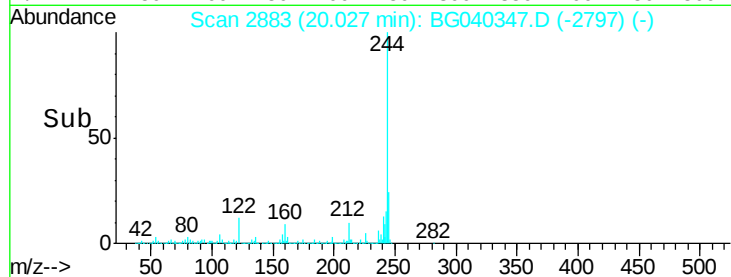
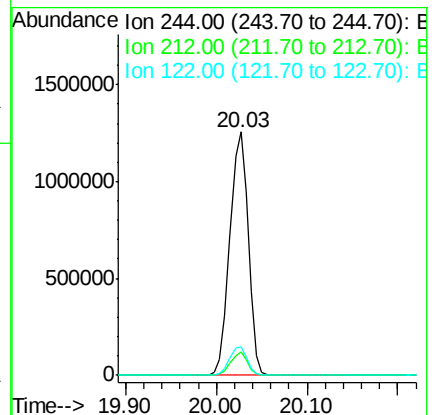
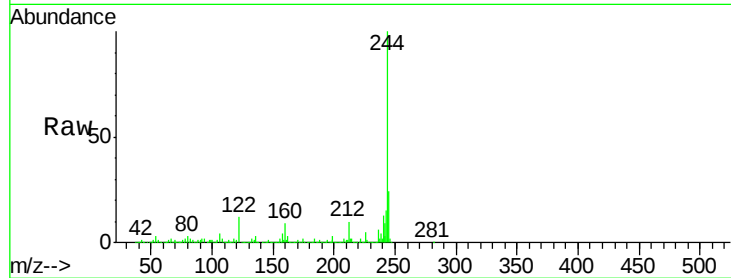
212 9.6 7.0 10.6

122 11.8 8.5 12.7

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 41.641 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

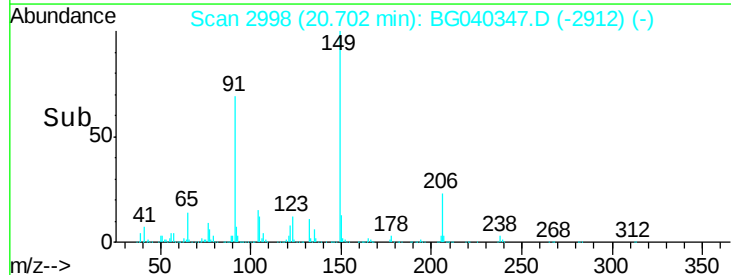
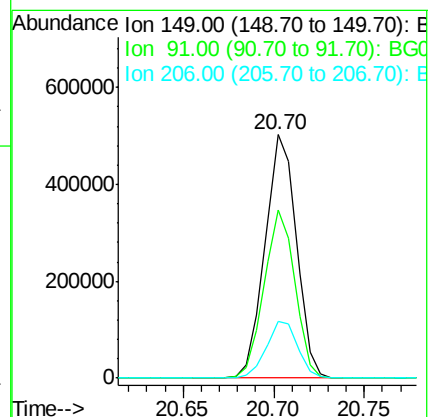
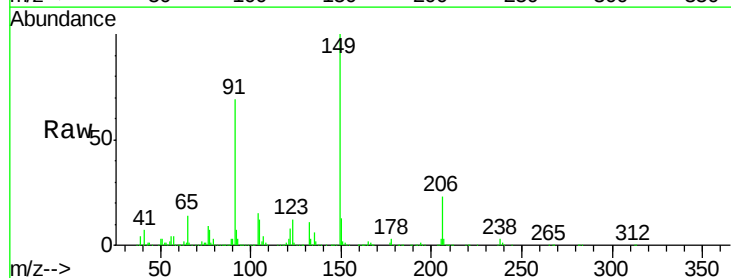
Tgt Ion:149 Resp: 606138

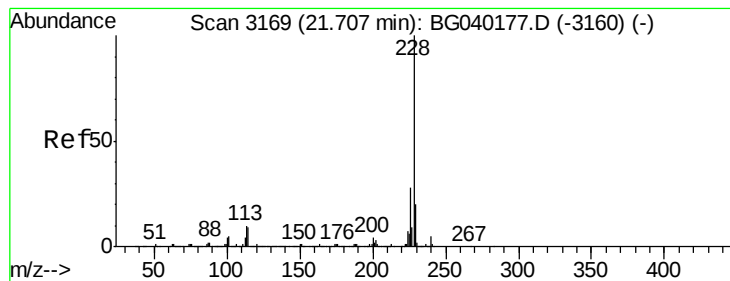
Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

206 23.2 18.2 27.4





#81

Benzo(a)anthracene

Concen: 41.184 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

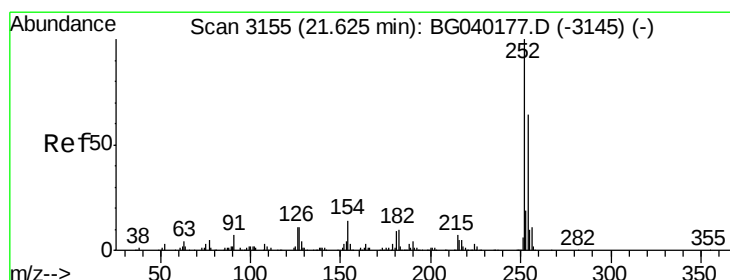
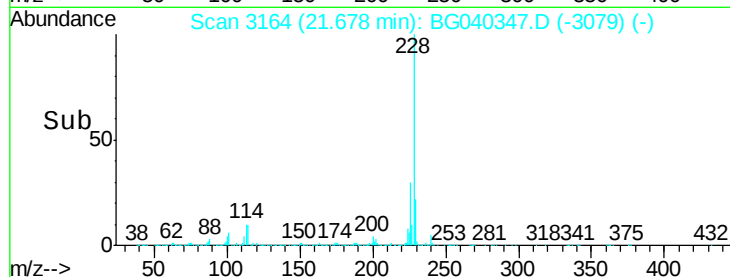
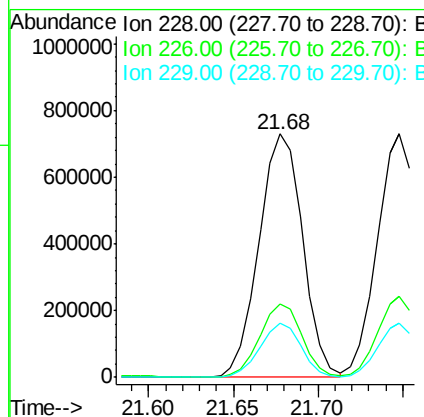
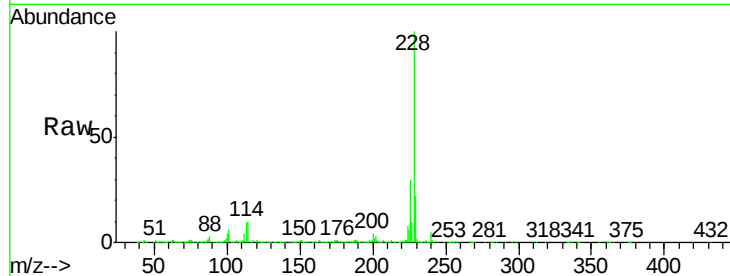
ClientSampleId :

PB118527BSD

Tgt Ion:	228	Resp:	1312164
Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	34.0
229	22.2	16.1	24.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 43.605 ng

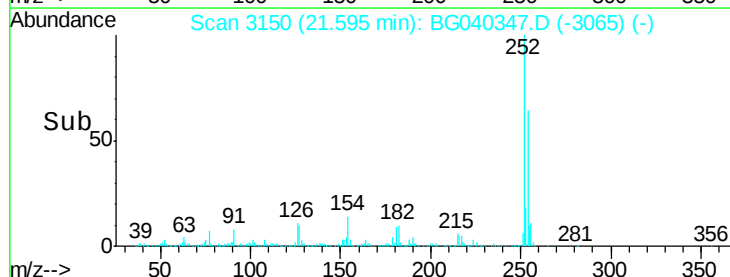
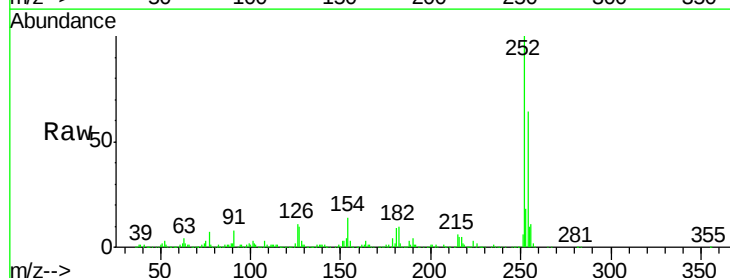
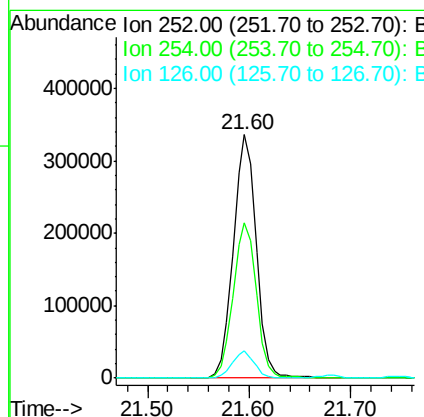
RT: 21.60 min Scan# 3150

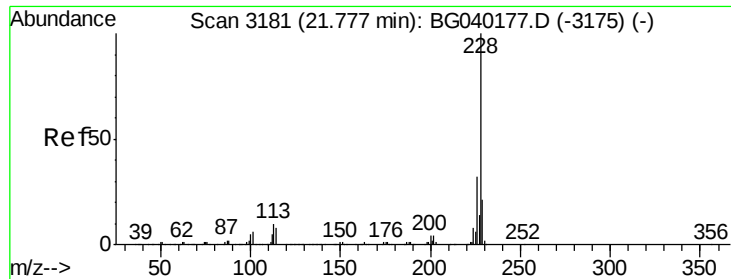
Delta R.T. -0.03 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	252	Resp:	528505
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	11.1	8.5	12.7





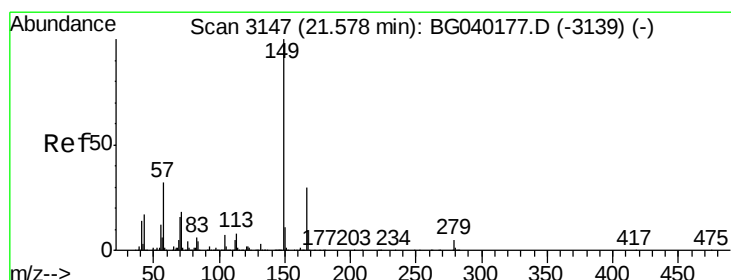
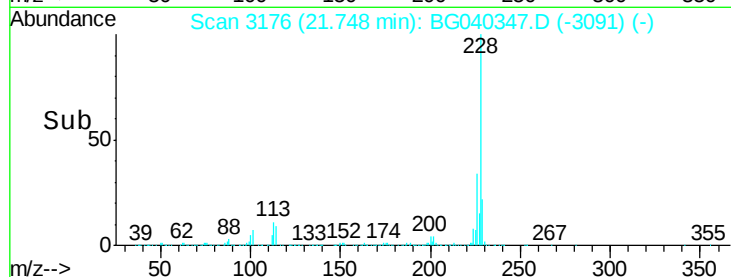
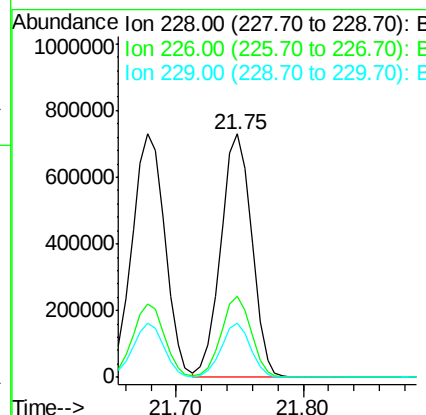
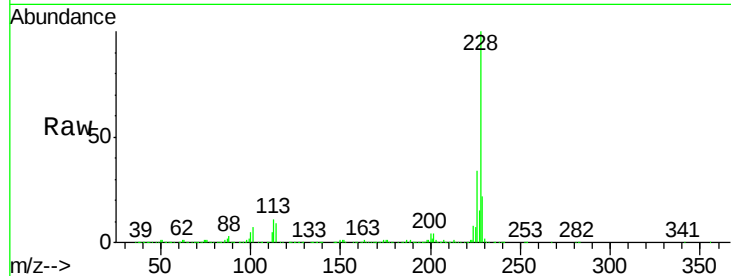
#83
Chrysene
Concen: 40.348 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.03 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.4	38.0
229	22.0	17.0	25.4

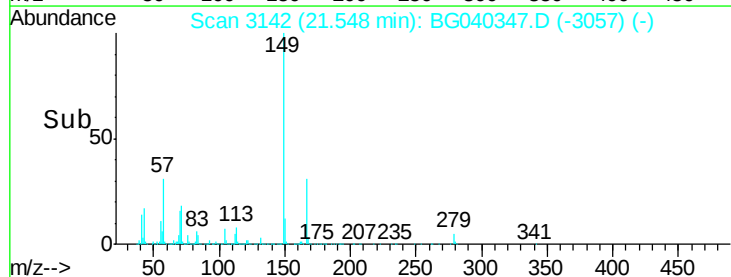
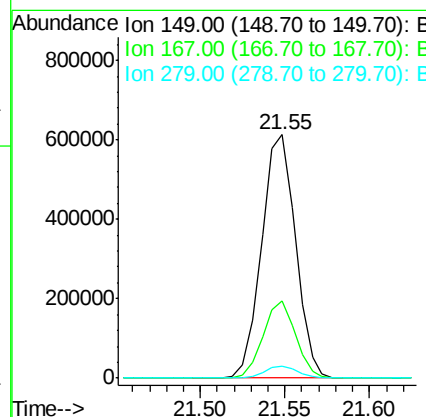
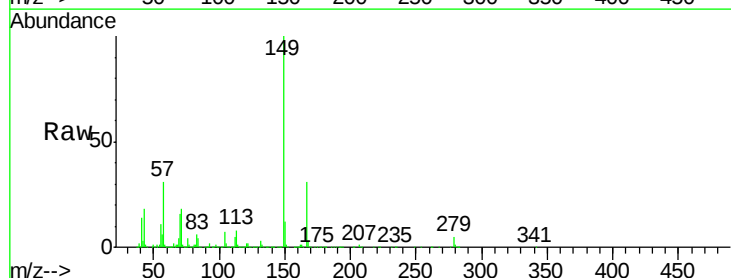
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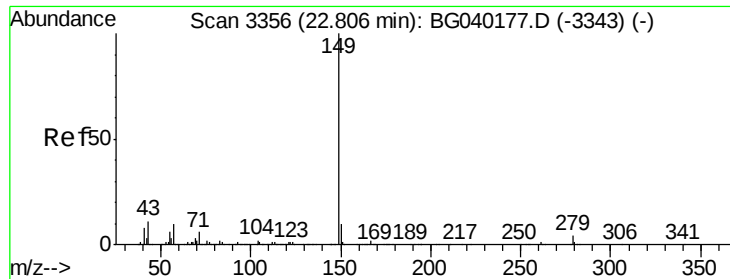
Sohil
4/4/2019 5:40:15 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.084 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.1	36.1
279	5.0	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 41.806 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion:149 Resp: 1482078

Ion Ratio Lower Upper

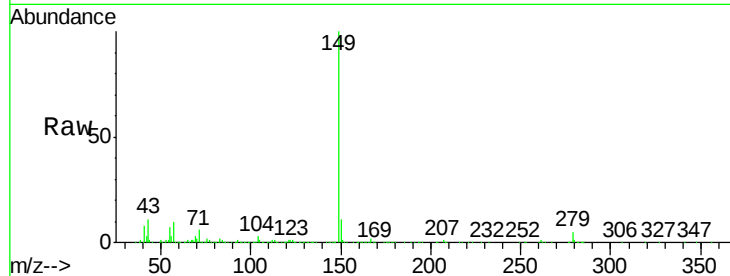
149 100

167 1.8 1.4 2.0

43 10.6 8.7 13.1

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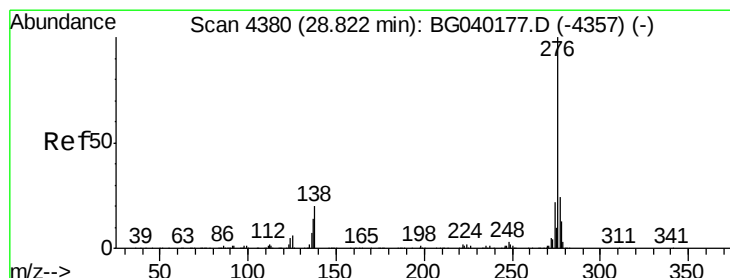
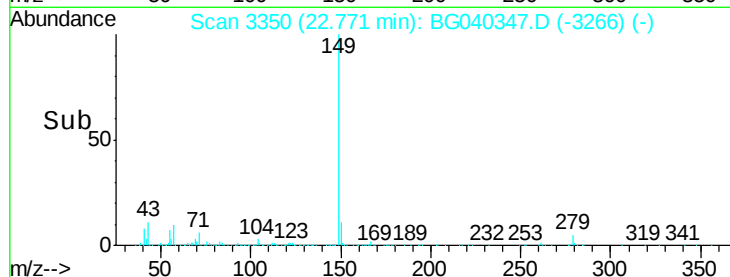
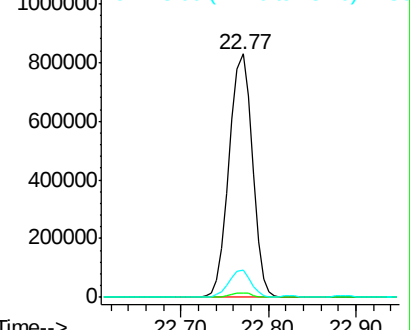
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.637 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.08 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

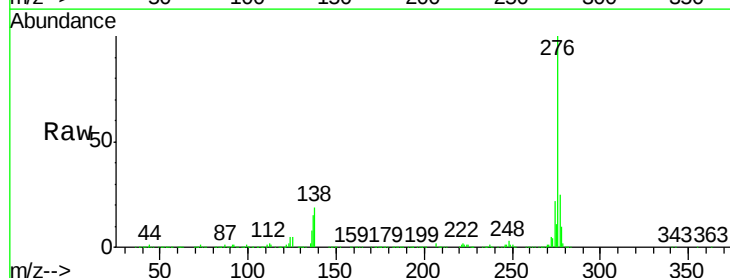
Tgt Ion:276 Resp: 1596796

Ion Ratio Lower Upper

276 100

138 17.0 18.8 28.2#

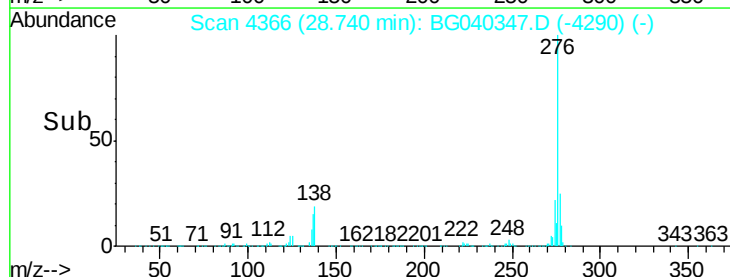
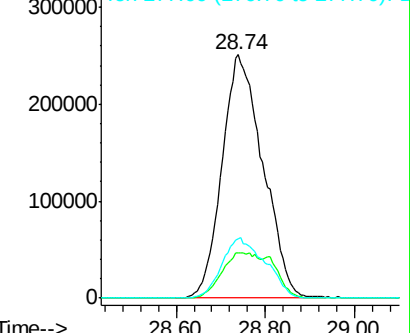
277 26.2 21.0 31.4

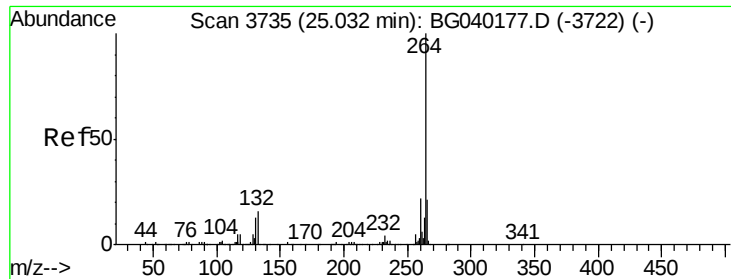


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

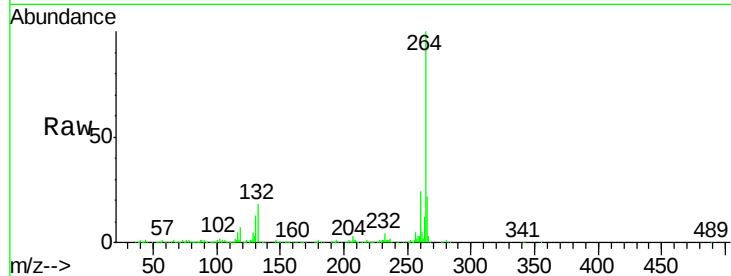
ClientSampleId :

PB118527BSD

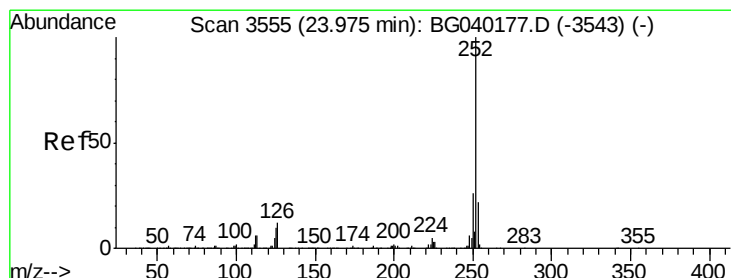
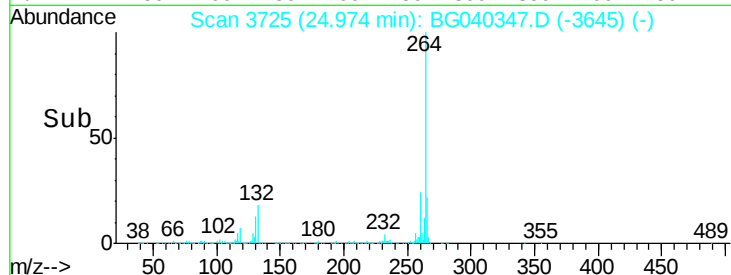
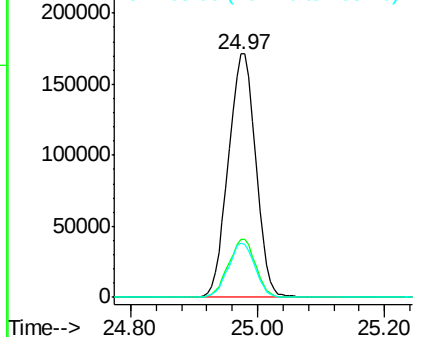
Tgt Ion:	264	Resp:	510083
Ion Ratio		Lower	Upper
264	100		
260	23.7	17.9	26.9
265	22.4	16.8	25.2

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



#88

Benzo(b)fluoranthene

Concen: 44.089 ng

RT: 23.93 min Scan# 3547

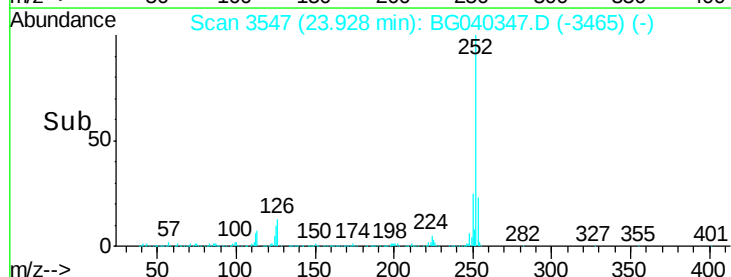
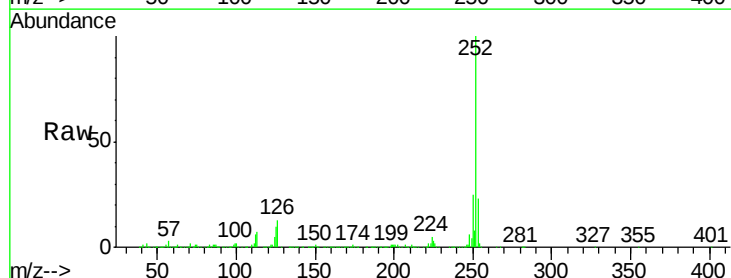
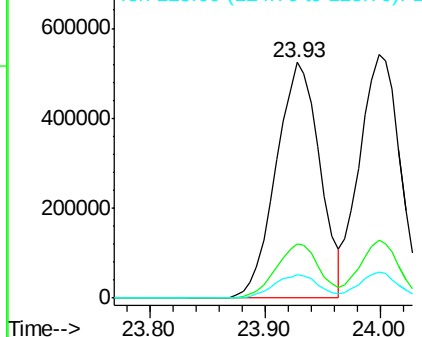
Delta R.T. -0.05 min

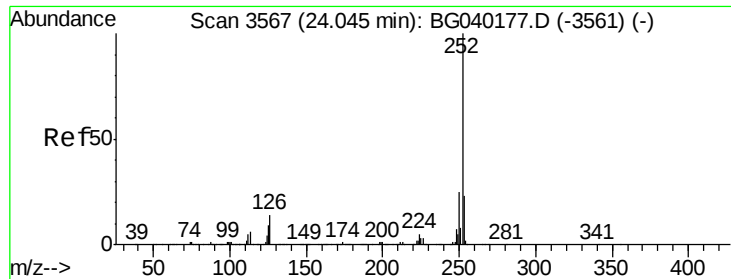
Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	252	Resp:	1376867
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.1	8.2	12.4

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





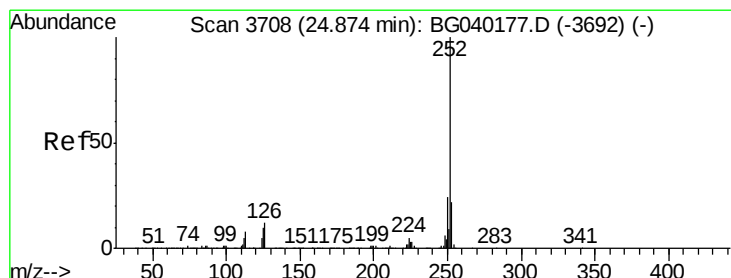
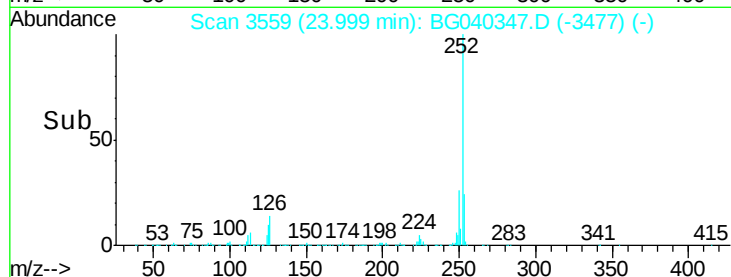
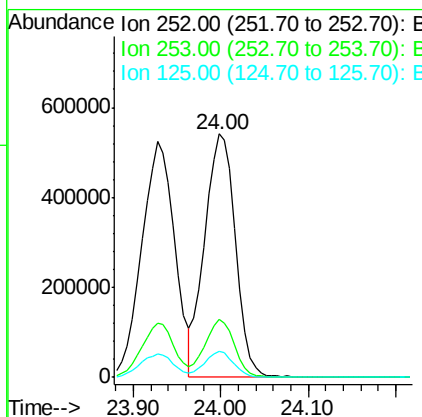
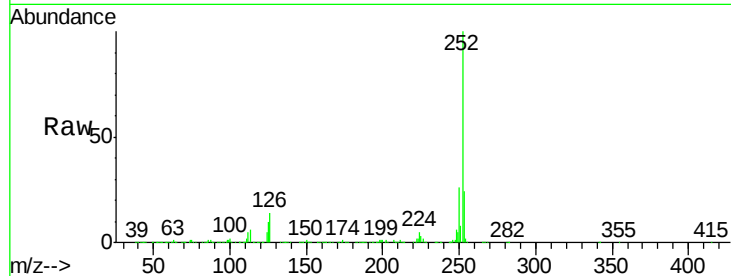
#89
Benzo(k)fluoranthene
Concen: 46.188 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.05 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion: 252 Resp: 1326455
Ion Ratio Lower Upper
252 100
253 23.7 18.6 28.0
125 10.5 7.3 10.9

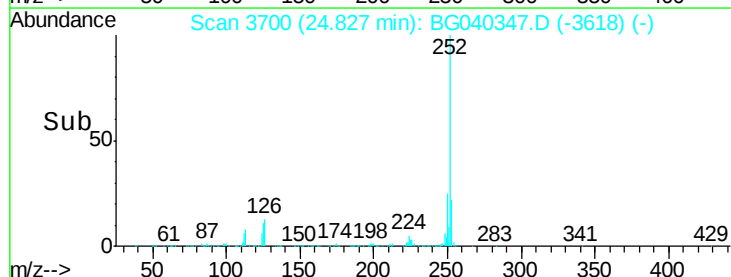
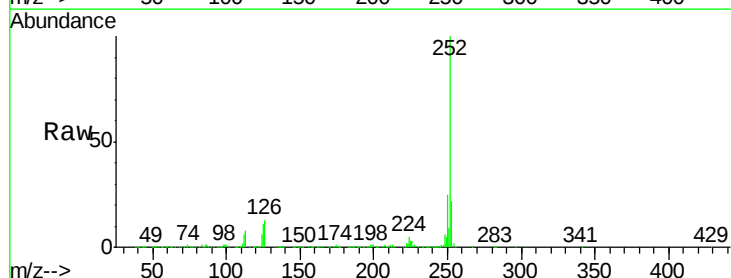
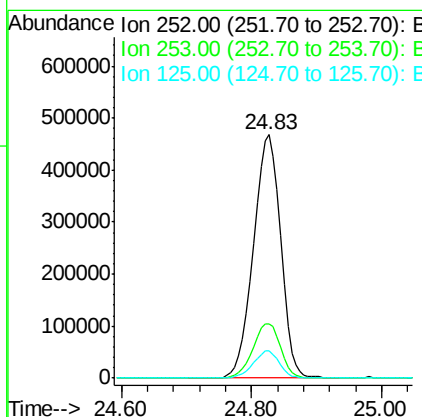
Manual Integrations
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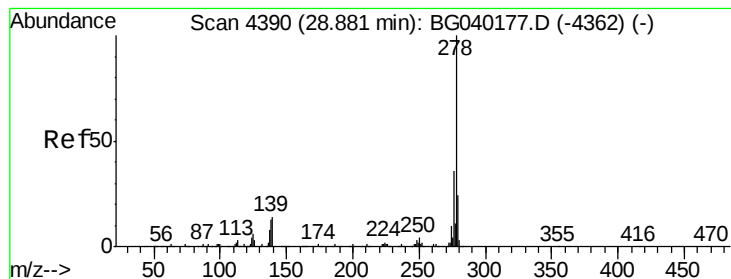
Sohil
4/4/2019 5:40:15 PM



#90
Benzo(a)pyrene
Concen: 46.423 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.05 min
Lab File: BG040347.D
Acq: 4 Apr 2019 5:55

Tgt Ion: 252 Resp: 1360243
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.598 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.07 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Instrument :

BNA_G

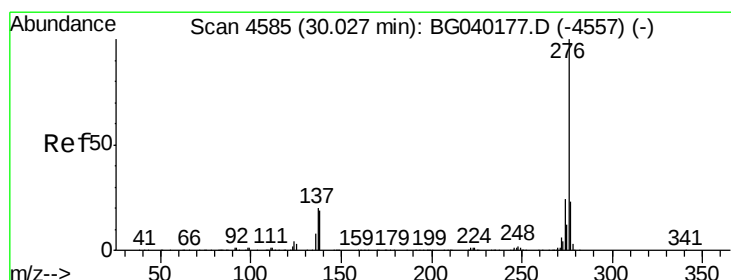
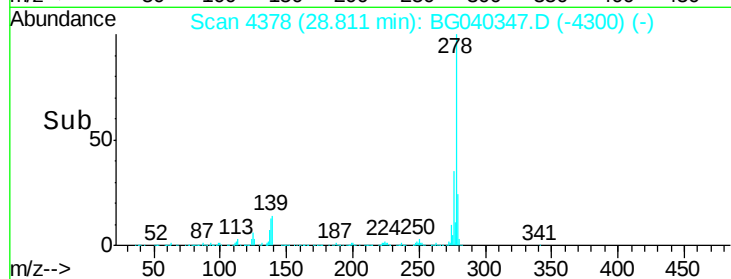
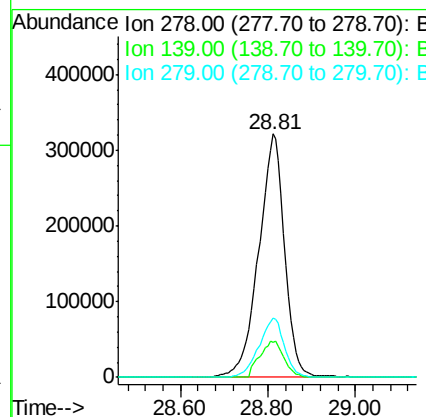
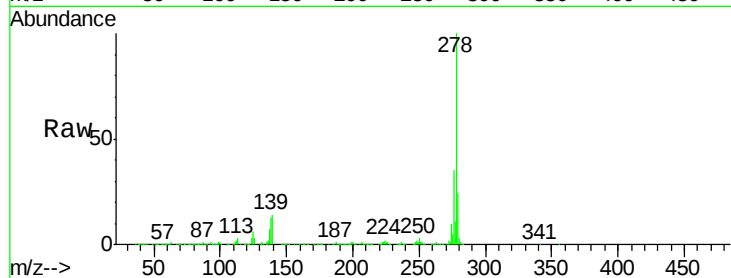
ClientSampleId :

PB118527BSD

Tgt Ion:	278	Resp:	1295311
Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.2	16.8
279	24.4	18.9	28.3

Manual Integrations
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4/4/2019 5:40:15 PM



#92

Benzo(g,h,i)perylene

Concen: 47.443 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040347.D

Acq: 4 Apr 2019 5:55

Tgt Ion:	276	Resp:	1326860
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	19.4	15.2	22.8

