

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040456.D
 Acq On : 12 Apr 2019 11:27
 Operator : JU/SJ
 Sample : PB118819BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:30:02 AM

Quant Time: Apr 12 23:51:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60190	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	249253	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	165066	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	424050	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	416250	20.00	ng	-0.04
87) Perylene-d12	24.97	264	402139	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	493314	136.25	ng	-0.02
7) Phenol-d6	7.21	99	667341	133.37	ng	-0.02
23) Nitrobenzene-d5	9.22	82	357080	76.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	261261	146.45	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	815025	73.16	ng	-0.02
79) Terphenyl-d14	20.02	244	1379542	74.56	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	82880	48.682	ng	96
3) Pyridine	3.89	79	145281	31.694	ng	98
4) n-Nitrosodimethylamine	3.82	42	81727	38.544	ng	# 90
6) Aniline	7.37	93	199132	30.631	ng	96
8) 2-Chlorophenol	7.61	128	180300	42.541	ng	96
9) Benzaldehyde	7.19	77	65674	19.134	ng	97
10) Phenol	7.23	94	237099	43.655	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	174873	40.200	ng	98
12) 1,3-Dichlorobenzene	7.93	146	180897	39.263	ng	96
13) 1,4-Dichlorobenzene	8.08	146	187078	40.768	ng	97
14) 1,2-Dichlorobenzene	8.40	146	178020	40.567	ng	97
15) Benzyl Alcohol	8.29	79	158517	39.336	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	327244	39.197	ng	99
17) 2-Methylphenol	8.48	107	161895	43.077	ng	95
18) Hexachloroethane	9.12	117	67806	38.847	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	134633	37.527	ng	96
20) 3+4-Methylphenols	8.82	107	221878	43.580	ng	99
22) Acetophenone	8.88	105	267090	42.957	ng	# 99
24) Nitrobenzene	9.26	77	203117	41.829	ng	99
25) Isophorone	9.77	82	387896	40.202	ng	99
26) 2-Nitrophenol	9.97	139	98190	42.674	ng	96
27) 2,4-Dimethylphenol	10.01	122	185906	50.865	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	233608	40.924	ng	99
29) 2,4-Dichlorophenol	10.50	162	182383	45.974	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	186082	42.718	ng	99
31) Naphthalene	10.91	128	547713	42.870	ng	99
32) Benzoic acid	10.17	122	57982	26.257	ng	95
33) 4-Chloroaniline	11.03	127	147111	26.995	ng	97
34) Hexachlorobutadiene	11.17	225	111613	40.064	ng	96
35) Caprolactam	11.82	113	68079m	43.244	ng	
36) 4-Chloro-3-methylphenol	12.14	107	213012	46.706	ng	99
37) 2-Methylnaphthalene	12.51	142	408131	43.193	ng	99
38) 1-Methylnaphthalene	12.73	142	392566	42.844	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	210649	40.151	ng	99

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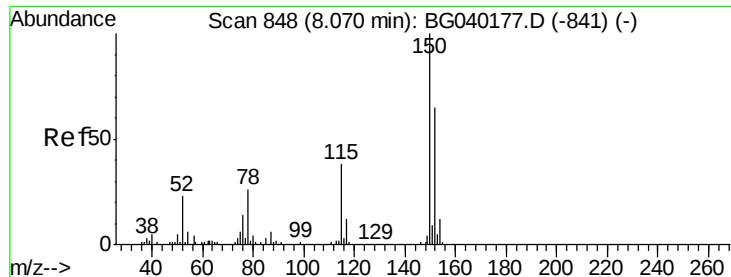
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	228516	79.328	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	150979	44.635	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	166929	45.277	ng	98
46) 1,1'-Biphenyl	13.51	154	536221	41.114	ng	99
47) 2-Chloronaphthalene	13.56	162	417593	41.741	ng	99
48) 2-Nitroaniline	13.77	65	152028	45.051	ng	93
49) Acenaphthylene	14.40	152	691460	40.765	ng	98
50) Dimethylphthalate	14.13	163	552512	42.768	ng	100
51) 2,6-Dinitrotoluene	14.26	165	128913	44.442	ng	98
52) Acenaphthene	14.74	154	404567	41.624	ng	98
53) 3-Nitroaniline	14.60	138	105613	34.396	ng	96
54) 2,4-Dinitrophenol	14.80	184	126424	81.952	ng	95
55) Dibenzofuran	15.07	168	673211	43.105	ng	99
56) 4-Nitrophenol	14.90	139	207046	83.549	ng	96
57) 2,4-Dinitrotoluene	15.04	165	187726	46.575	ng	# 98
58) Fluorene	15.72	166	533052	43.411	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	158092	47.253	ng	98
60) Diethylphthalate	15.48	149	590552	44.672	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	287042	43.733	ng	97
62) 4-Nitroaniline	15.76	138	148118	44.950	ng	97
63) Azobenzene	16.00	77	545911	43.780	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	101254	42.501	ng	97
66) n-Nitrosodiphenylamine	15.93	169	515212	41.520	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	192061	40.247	ng	97
68) Hexachlorobenzene	16.72	284	195438	40.733	ng	98
69) Atrazine	16.87	200	192147	41.626	ng	97
70) Pentachlorophenol	17.07	266	213039	76.800	ng	96
71) Phenanthrene	17.46	178	925337	41.516	ng	99
72) Anthracene	17.56	178	941917	42.221	ng	99
73) Carbazole	17.83	167	900847	42.667	ng	99
74) Di-n-butylphthalate	18.36	149	1080491	43.174	ng	99
75) Fluoranthene	19.47	202	1138363	43.132	ng	99
77) Benzidine	19.66	184	412974	27.474	ng	98
78) Pyrene	19.83	202	1136493	41.519	ng	99
80) Butylbenzylphthalate	20.70	149	516543	44.099	ng	97
81) Benzo(a)anthracene	21.68	228	1031294	40.224	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	307996	31.579	ng	100
83) Chrysene	21.74	228	1033004	41.923	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	727161	43.429	ng	99
85) Di-n-octyl phthalate	22.76	149	1225898	42.973	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1234247	40.955	ng	# 90
88) Benzo(b)fluoranthene	23.92	252	1099662	44.664	ng	99
89) Benzo(k)fluoranthene	23.99	252	1073153	47.398	ng	99
90) Benzo(a)pyrene	24.82	252	1079354	46.724	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	1025337	47.791	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1017258	46.136	ng	98

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



#1

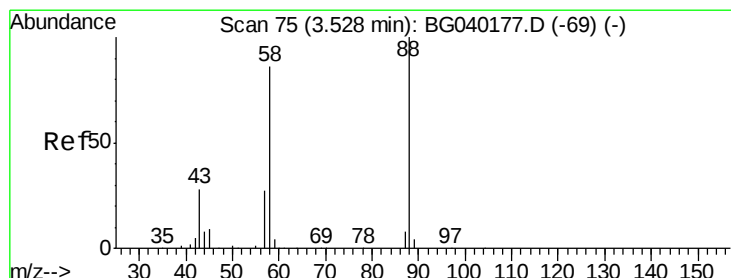
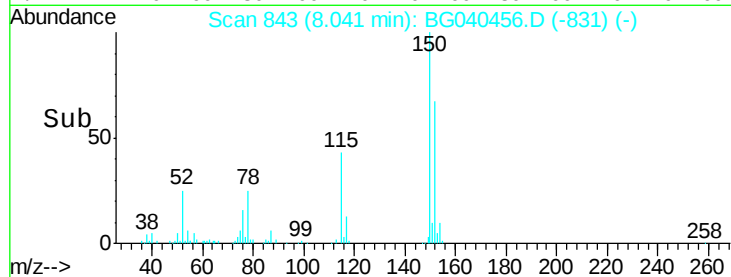
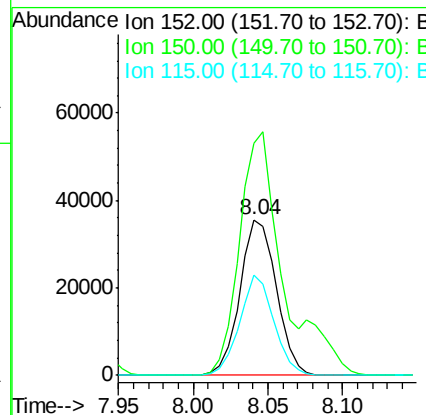
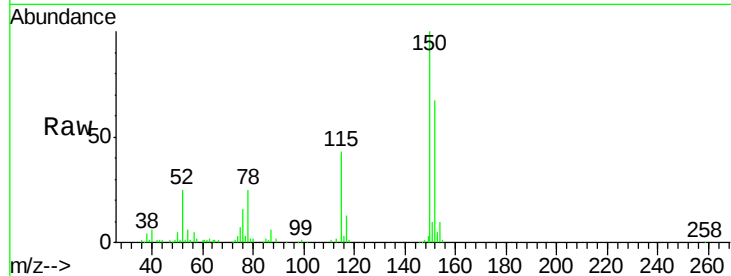
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.7	185.5
115	64.2	46.9	70.3

Manual Integrations
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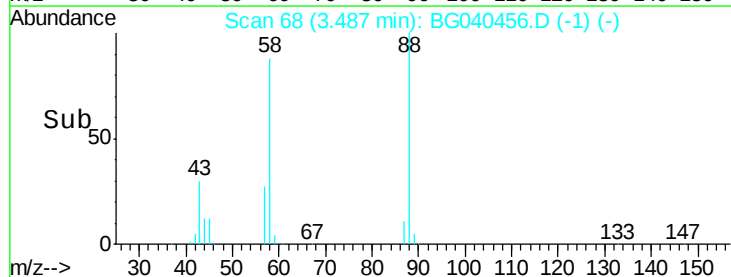
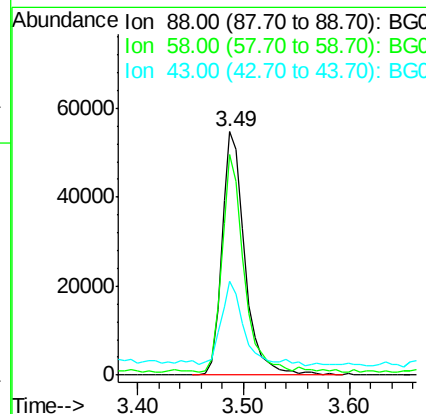
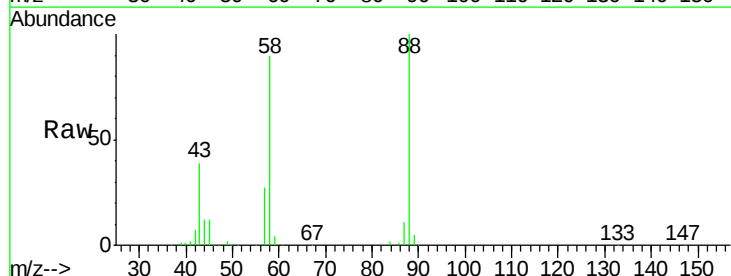
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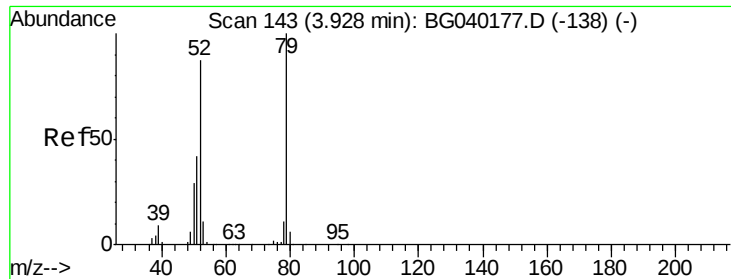


#2

1,4-Dioxane
Concen: 48.682 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	70.6	106.0
43	33.4	24.8	37.2





#3

Pyridine

Concen: 31.694 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

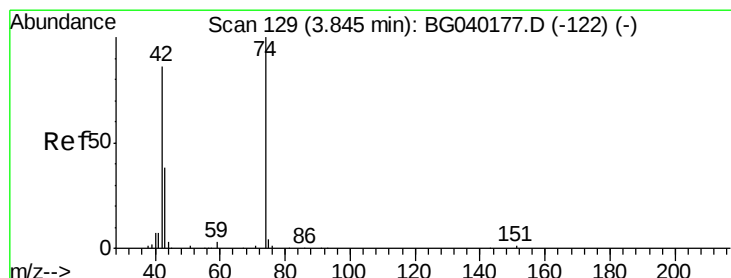
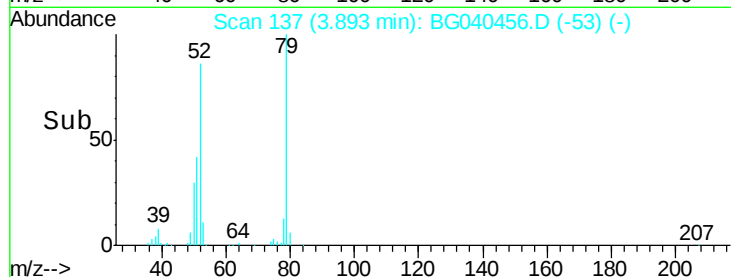
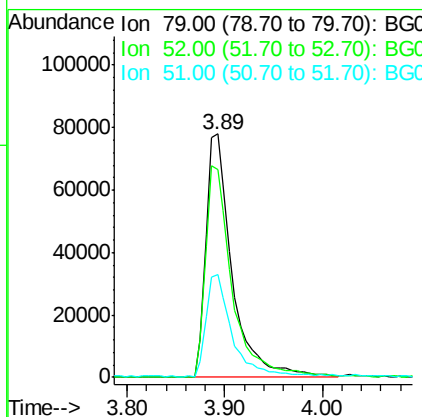
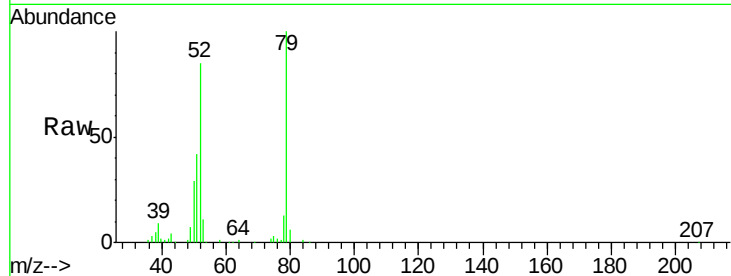
ClientSampled :

PB118819BSD

Tgt Ion:	79	Resp:	145281
Ion Ratio	Lower	Upper	
79	100		
52	85.3	69.8	104.8
51	42.2	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.544 ng

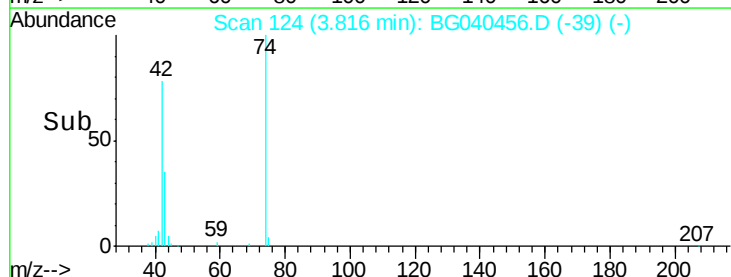
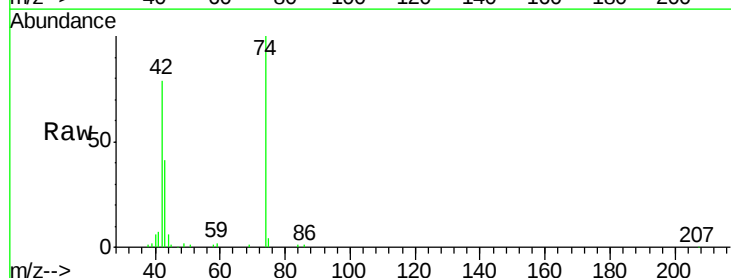
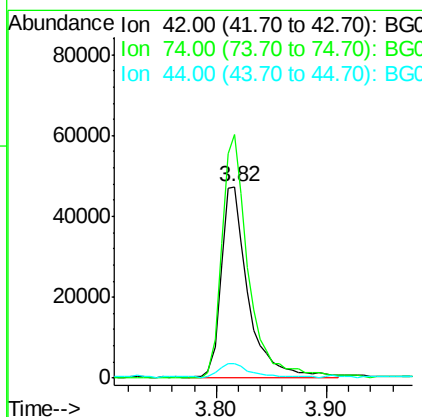
RT: 3.82 min Scan# 124

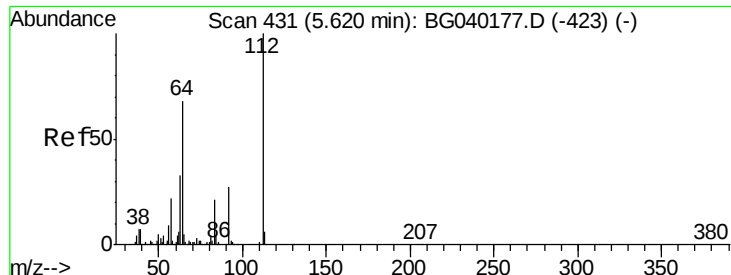
Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	42	Resp:	81727
Ion Ratio	Lower	Upper	
42	100		
74	127.4	92.9	139.3
44	7.8	9.7	14.5#





#5

2-Fluorophenol

Concen: 136.250 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

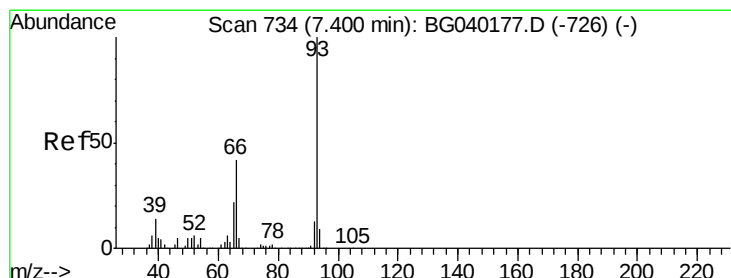
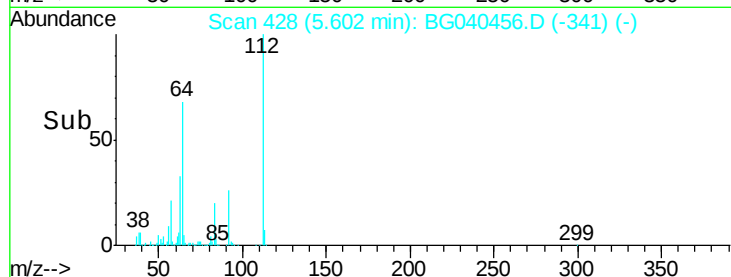
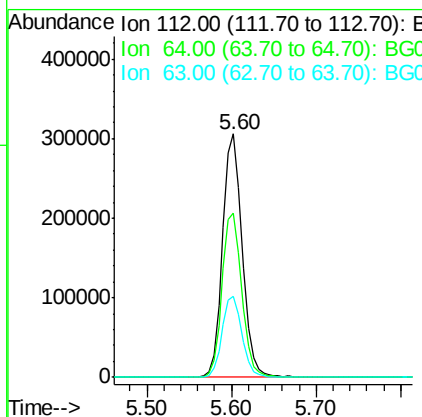
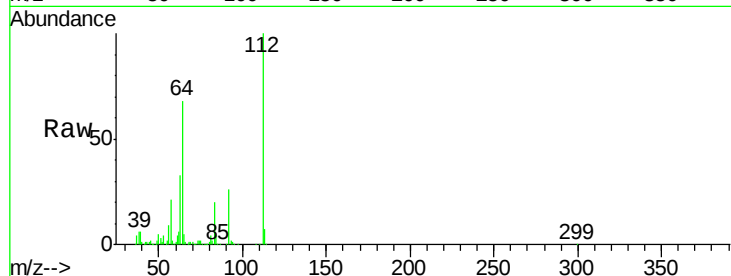
ClientSampleId :

PB118819BSD

Tgt Ion:	112	Resp:	493314
Ion Ratio	Lower	Upper	
112	100		
64	67.6	54.2	81.2
63	33.4	26.4	39.6

Manual Integrations
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#6

Aniline

Concen: 30.631 ng

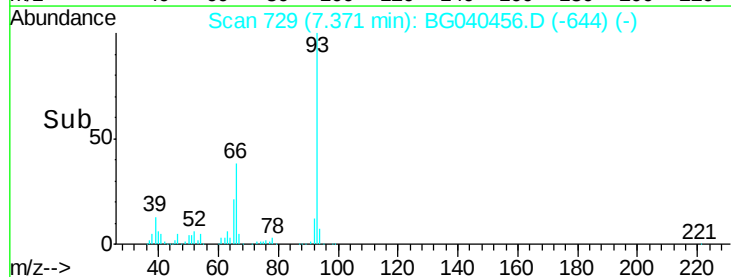
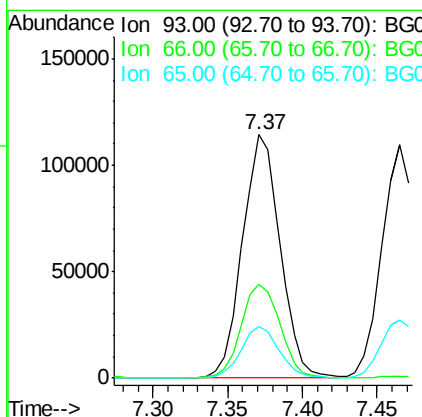
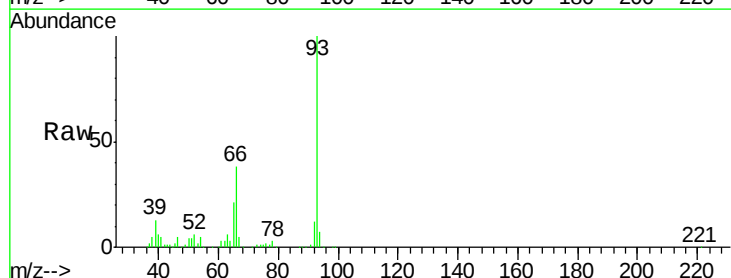
RT: 7.37 min Scan# 729

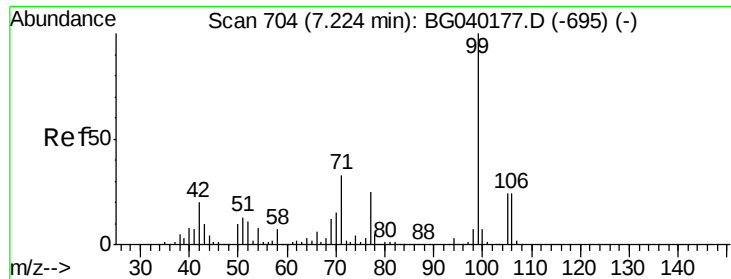
Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	93	Resp:	199132
Ion Ratio	Lower	Upper	
93	100		
66	38.3	33.6	50.4
65	21.1	17.4	26.2





#7

Phenol-d6

Concen: 133.367 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

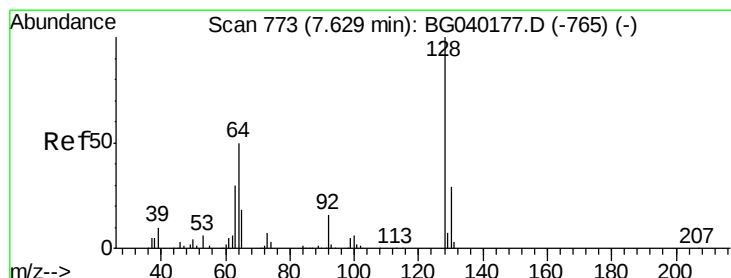
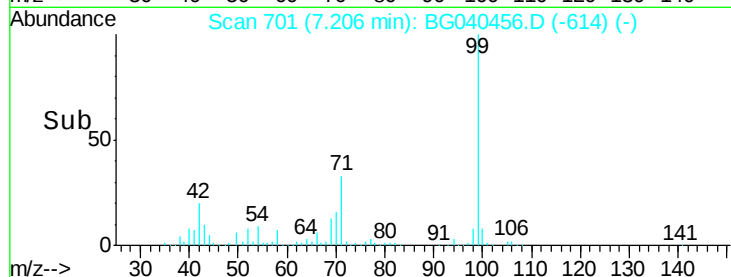
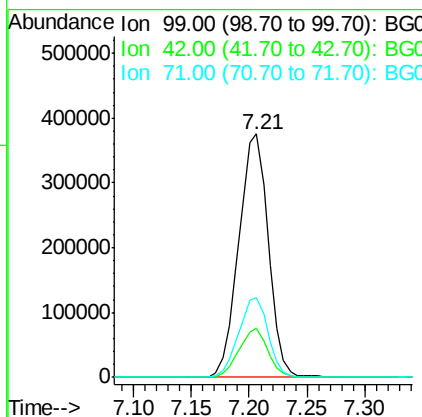
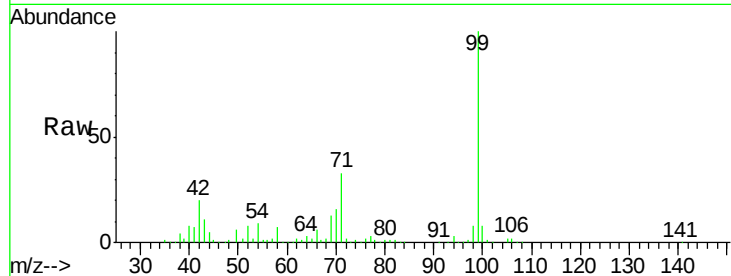
ClientSampled :

PB118819BSD

Tgt Ion:	99	Resp:	667341
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.2	24.2
71	32.7	26.8	40.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.541 ng

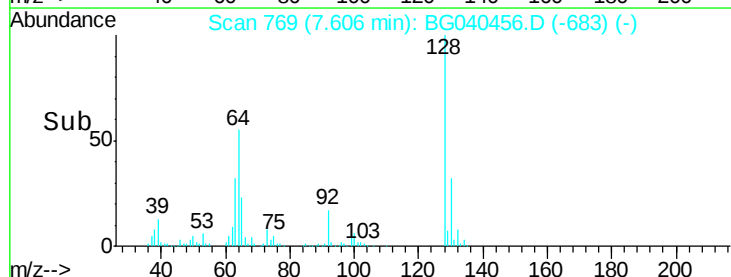
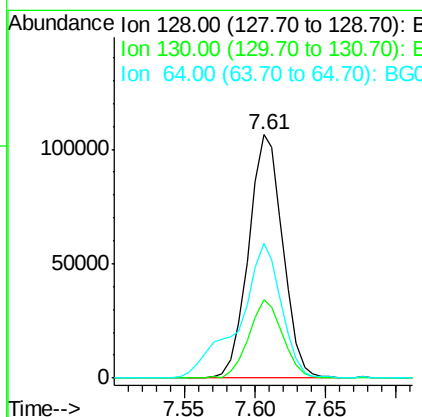
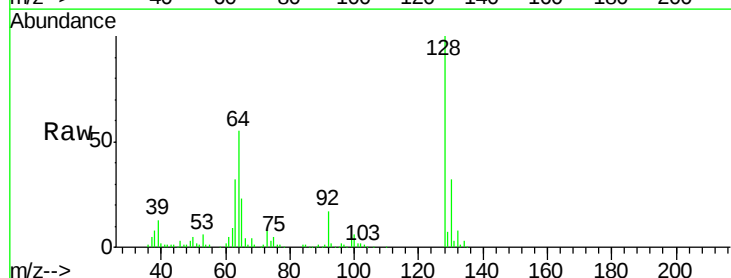
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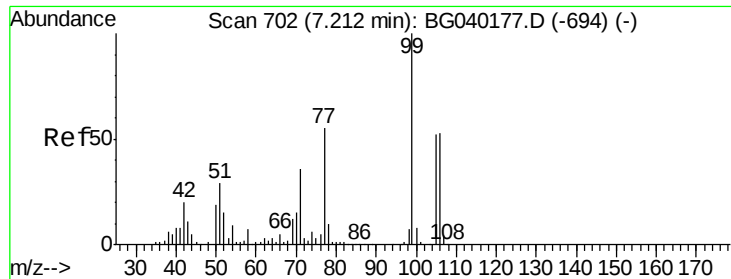
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	128	Resp:	180300
Ion Ratio	Lower	Upper	
128	100		
130	32.4	9.1	49.1
64	55.3	33.1	73.1





#9

Benzaldehyde

Concen: 19.134 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

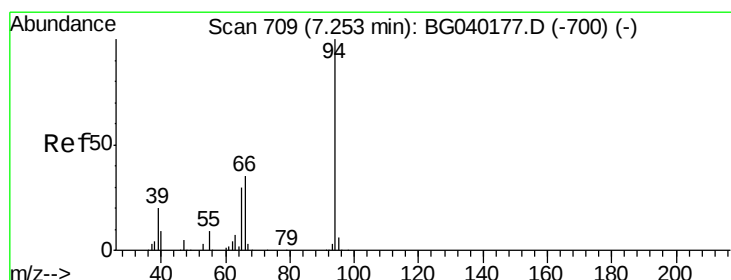
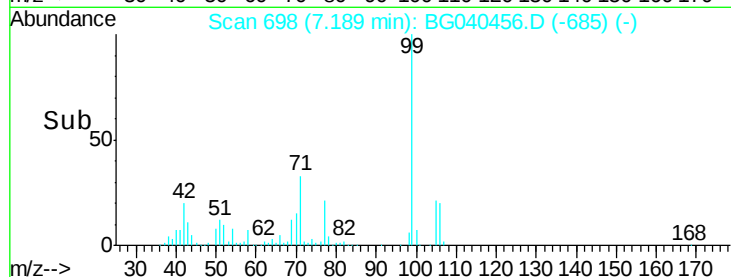
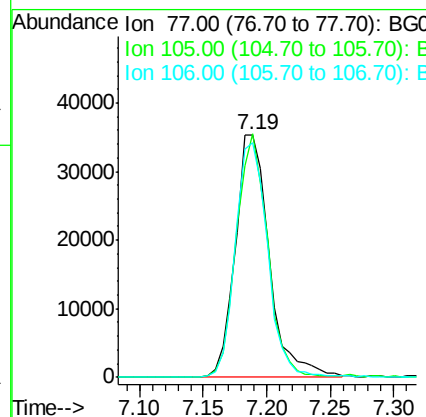
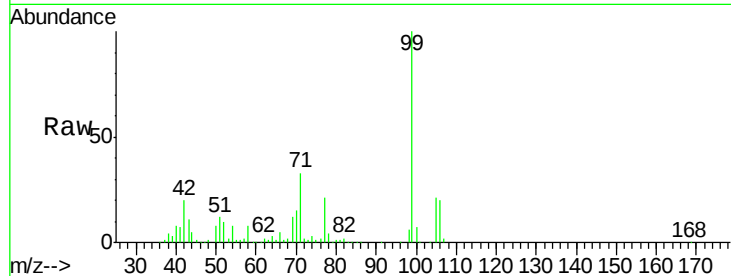
ClientSampleId :

PB118819BSD

Tgt Ion: 77 Resp: 65674
 Ion Ratio Lower Upper
 77 100
 105 100.4 75.0 115.0
 106 96.9 75.7 115.7

Manual Integrations
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#10

Phenol

Concen: 43.655 ng

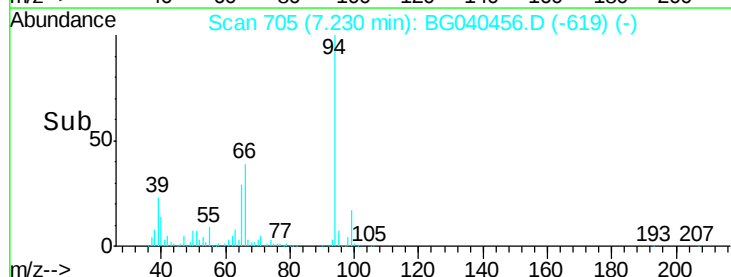
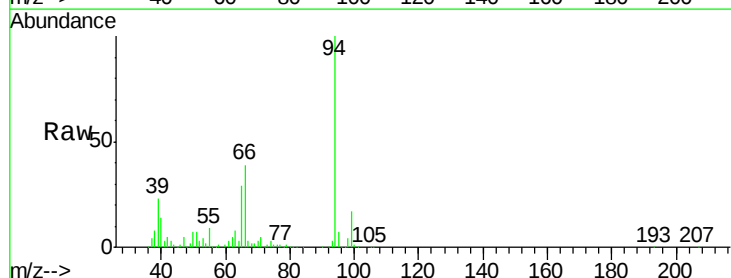
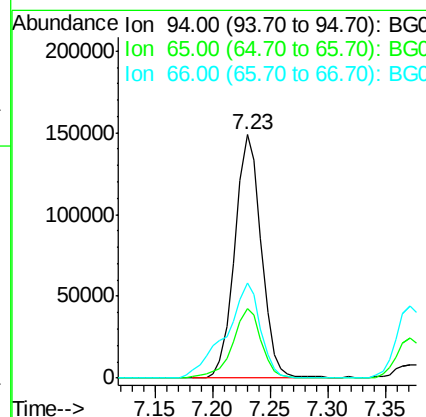
RT: 7.23 min Scan# 705

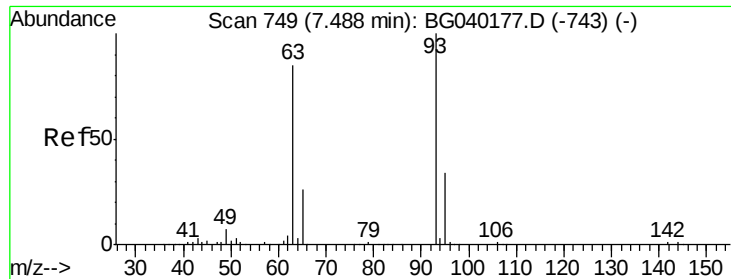
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion: 94 Resp: 237099
 Ion Ratio Lower Upper
 94 100
 65 28.7 10.5 50.5
 66 39.0 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 40.200 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

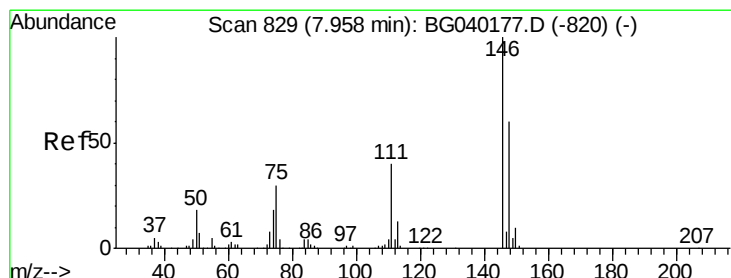
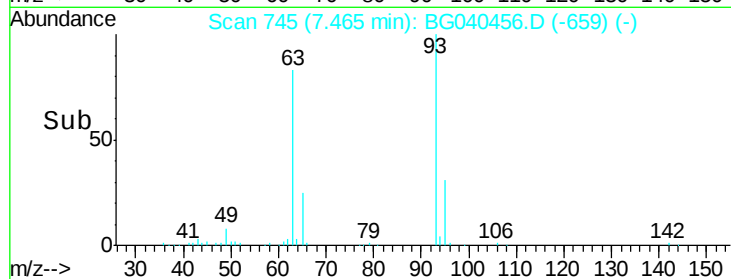
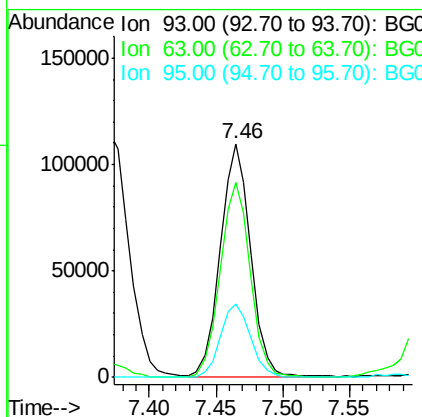
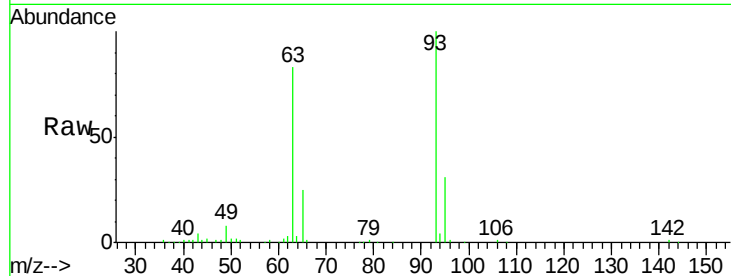
ClientSampleId :

PB118819BSD

Tgt Ion:	93	Resp:	174873
Ion	Ratio	Lower	Upper
93	100		
63	83.4	64.2	104.2
95	31.5	14.0	54.0

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#12

1,3-Dichlorobenzene

Concen: 39.263 ng

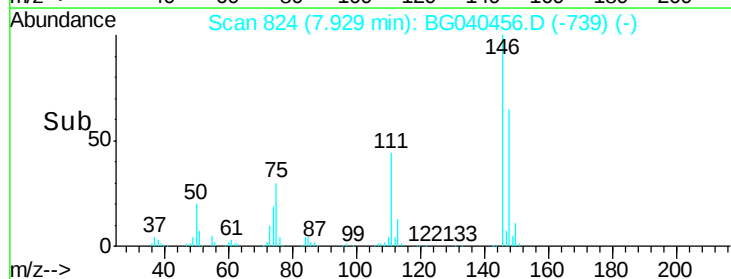
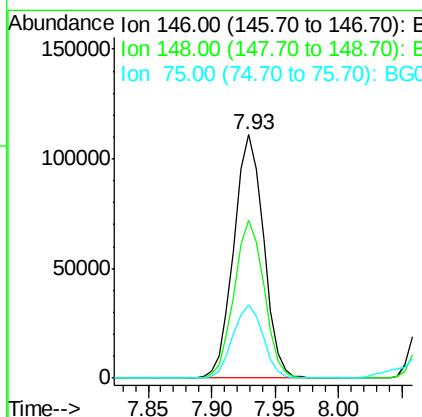
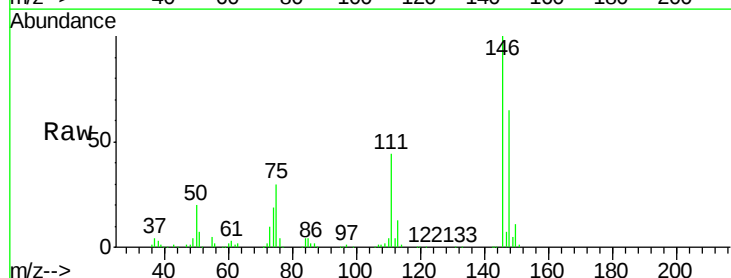
RT: 7.93 min Scan# 824

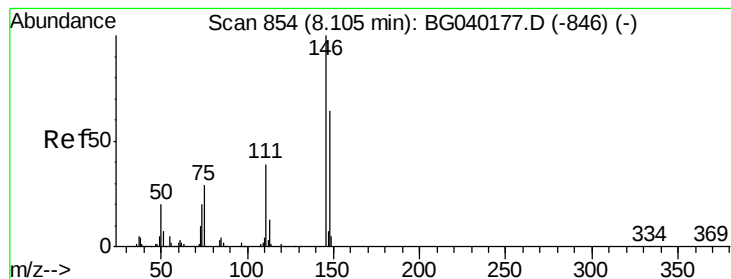
Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	146	Resp:	180897
Ion	Ratio	Lower	Upper
146	100		
148	64.8	48.2	72.2
75	30.1	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 40.768 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

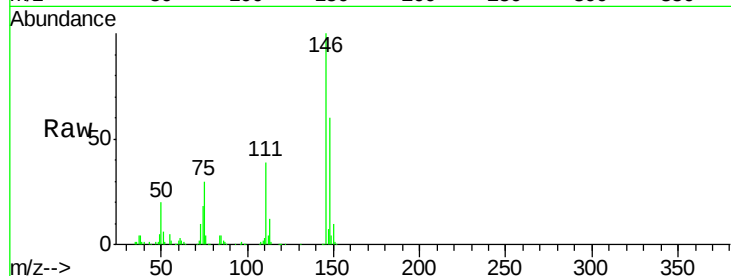
ClientSampleId :

PB118819BSD

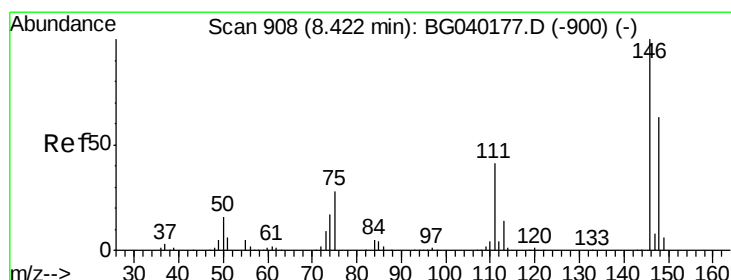
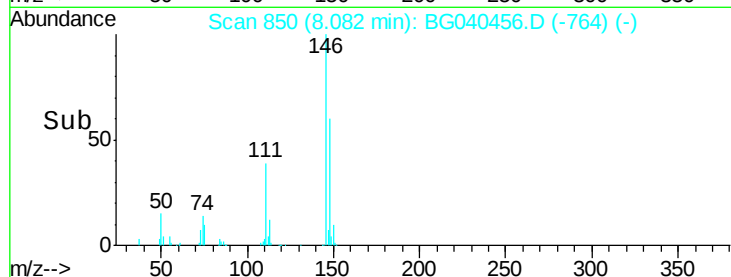
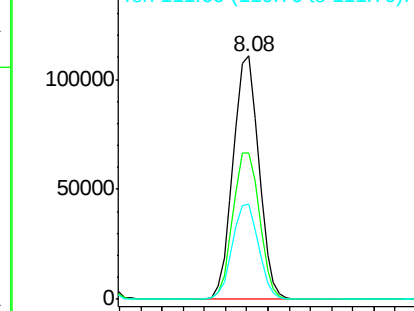
Tgt Ion:	146	Resp:	187078
Ion Ratio	Lower	Upper	
146	100		
148	60.3	51.0	76.4
111	39.1	31.8	47.6

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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: 40.567 ng

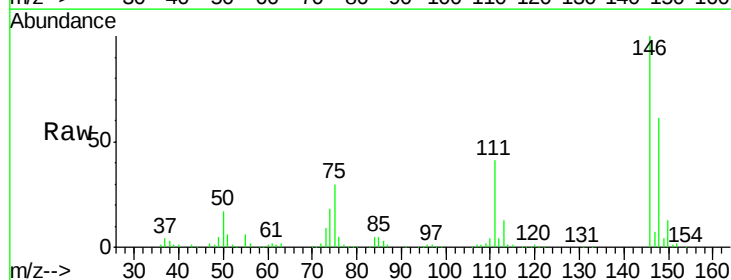
RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

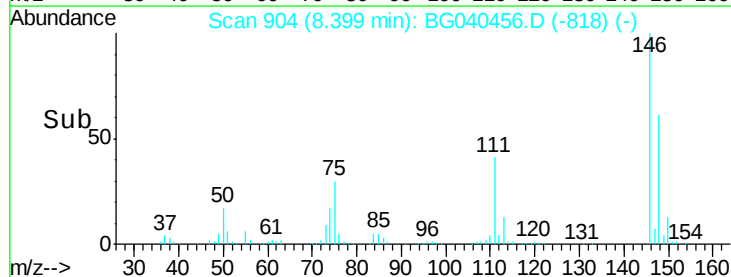
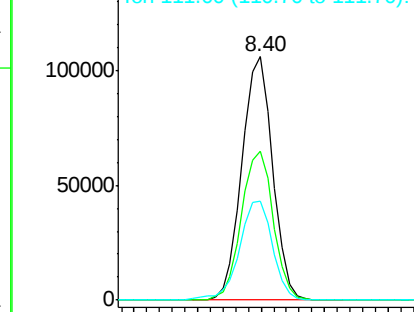
Lab File: BG040456.D

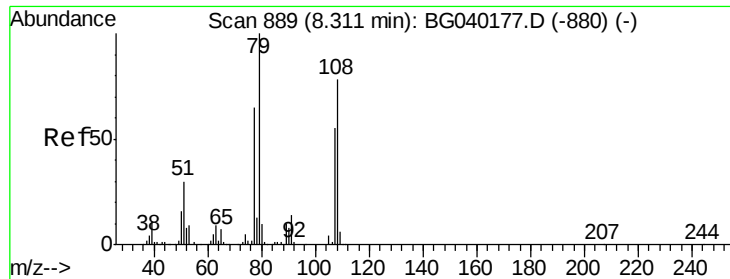
Acq: 12 Apr 2019 11:27

Tgt Ion:	146	Resp:	178020
Ion Ratio	Lower	Upper	
146	100		
148	61.0	50.8	76.2
111	40.6	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: 39.336 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

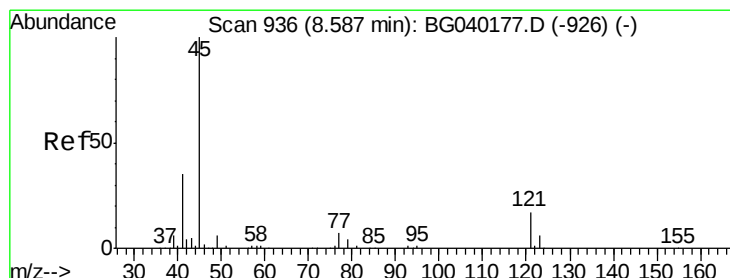
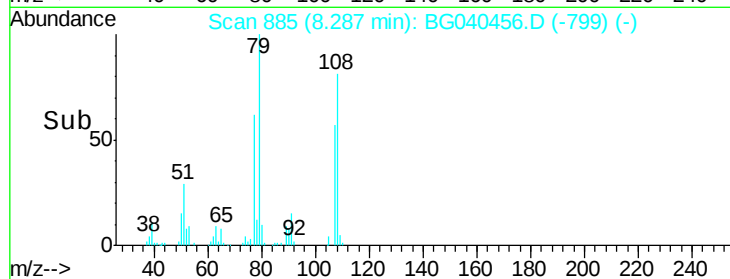
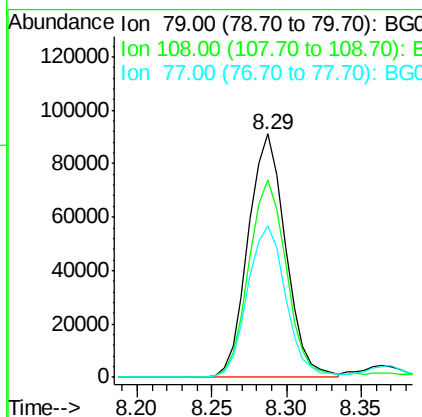
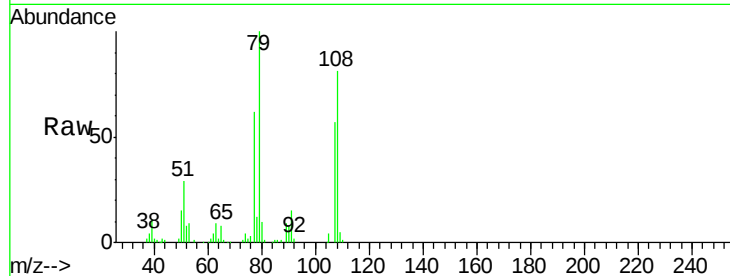
ClientSampleId :

PB118819BSD

Tgt Ion:	79	Resp:	158517
Ion Ratio	Lower	Upper	
79	100		
108	81.0	62.1	93.1
77	62.4	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.197 ng

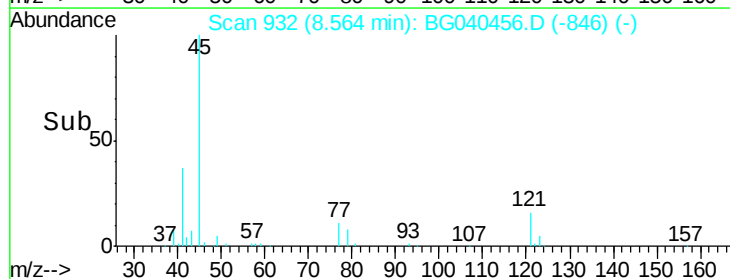
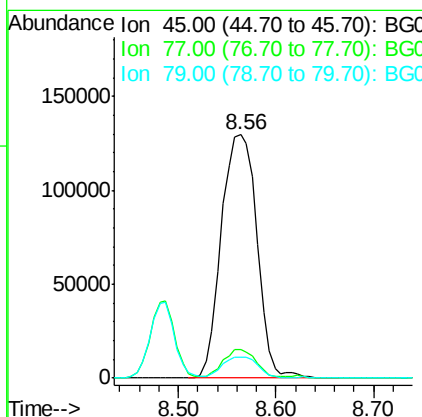
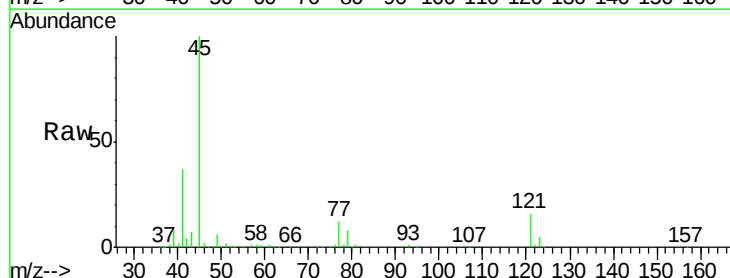
RT: 8.56 min Scan# 932

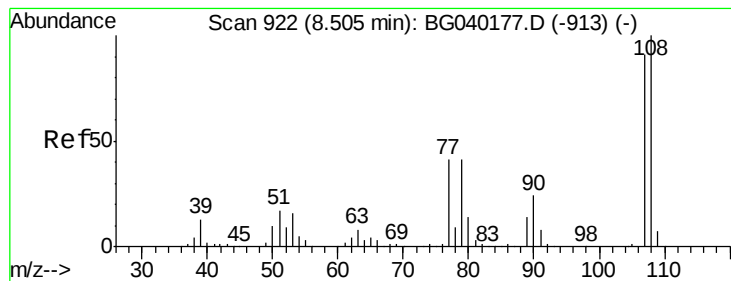
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

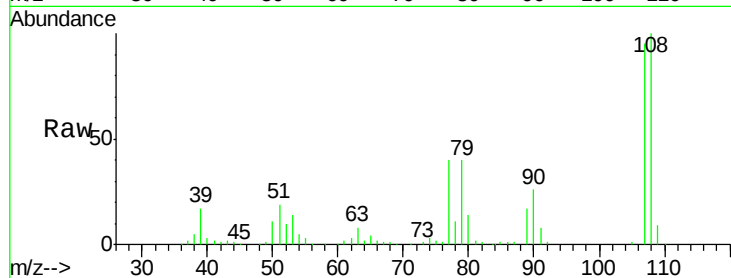
Tgt Ion:	45	Resp:	327244
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	31.4
79	8.4	0.0	28.3





#17
2-Methylphenol
Concen: 43.077 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

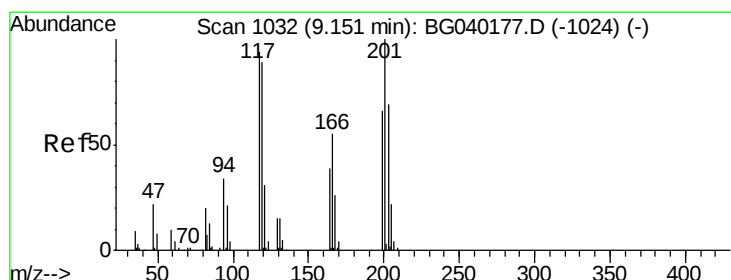
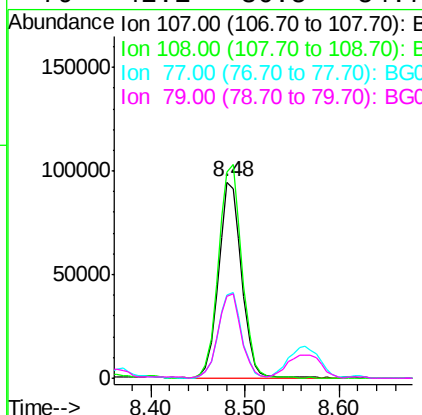
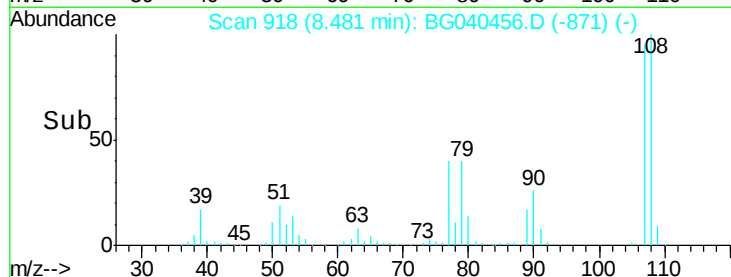
Instrument :
BNA_G
ClientSampleId :
PB118819BSD



Tgt Ion:	107	Resp:	161895
Ion Ratio	Lower	Upper	
107	100		
108	105.0	88.2	132.4
77	42.4	36.6	55.0
79	42.1	36.5	54.7

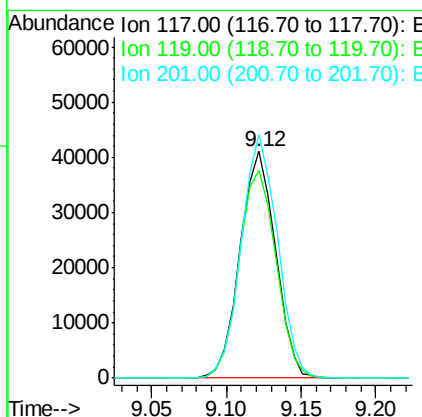
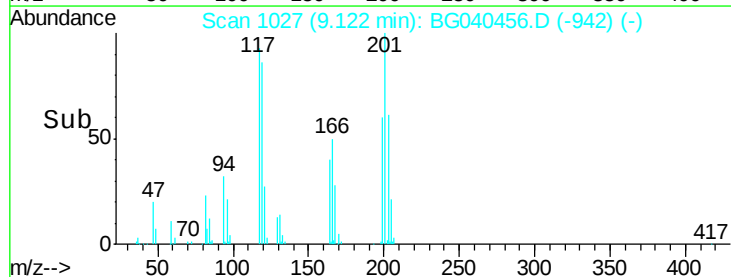
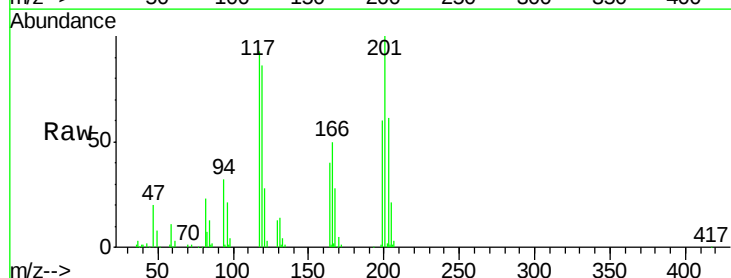
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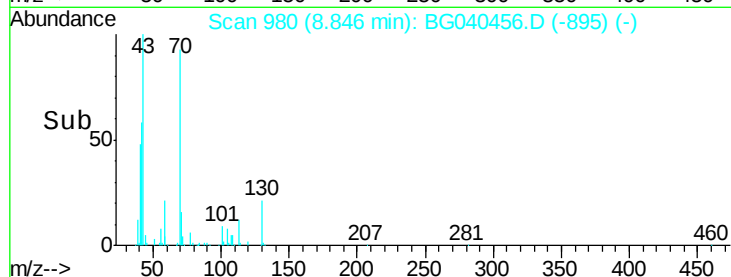
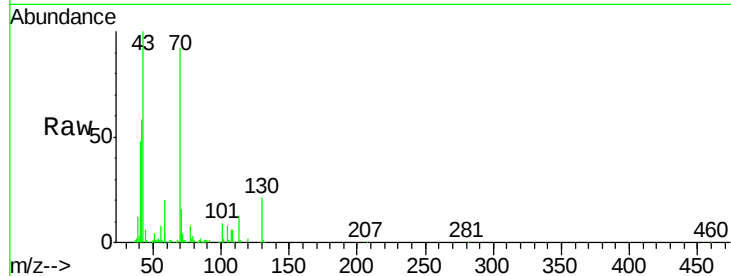
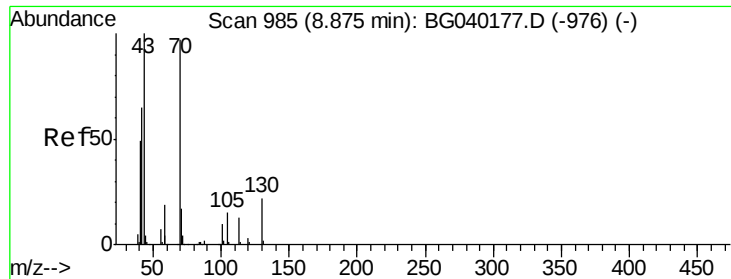
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#18
Hexachloroethane
Concen: 38.847 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:	117	Resp:	67806
Ion Ratio	Lower	Upper	
117	100		
119	91.8	76.6	115.0
201	107.3	85.0	127.4





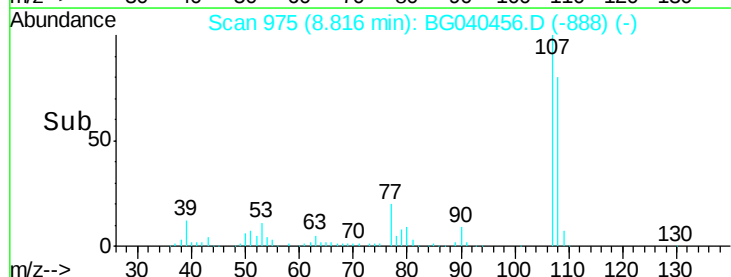
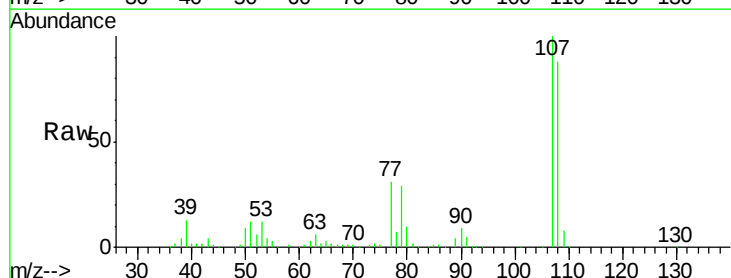
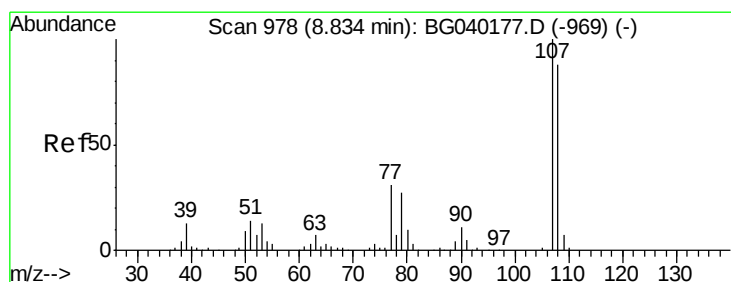
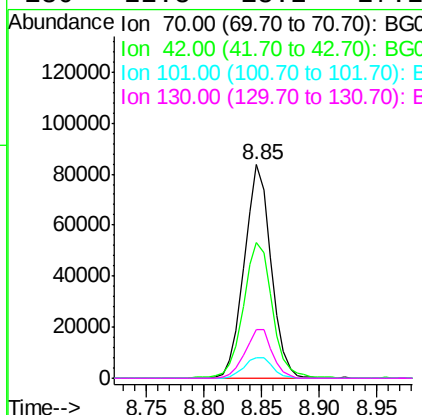
#19
n-Nitroso-di-n-propylamine
Concen: 37.527 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		134633		
42	63.3	54.0	81.0		
101	9.8	8.6	13.0		
130	22.8	18.2	27.2		

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

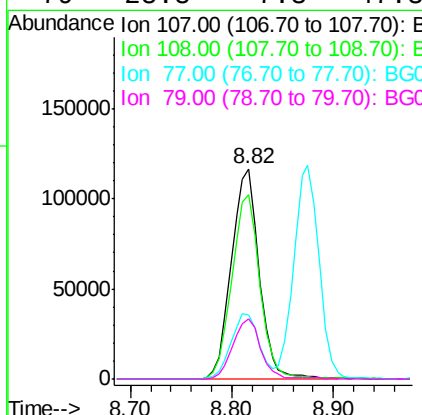
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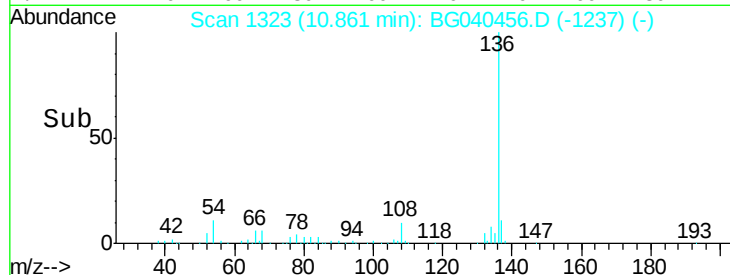
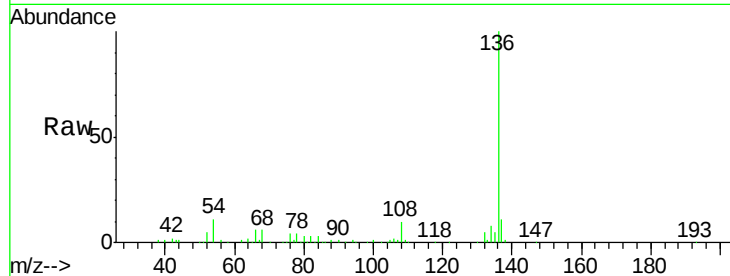
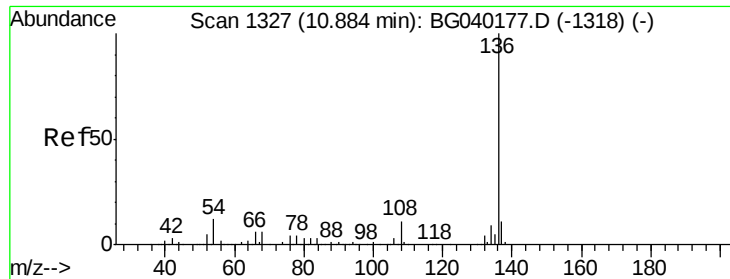
Sohil
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#20
3+4-Methylphenols
Concen: 43.580 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		221878		
108	87.6	68.3	108.3		
77	30.5	11.3	51.3		
79	28.8	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: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	249253		
137	11.3	8.9	13.3	
54	10.5	9.6	14.4	
68	5.7	5.1	7.7	

Instrument :

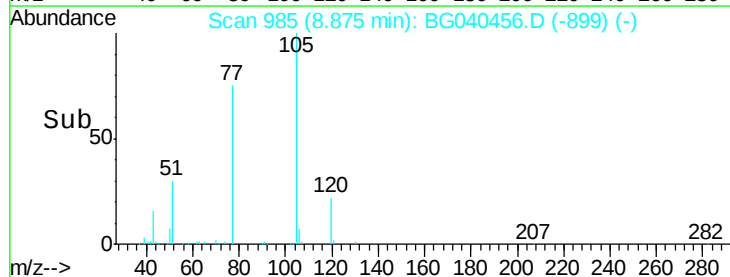
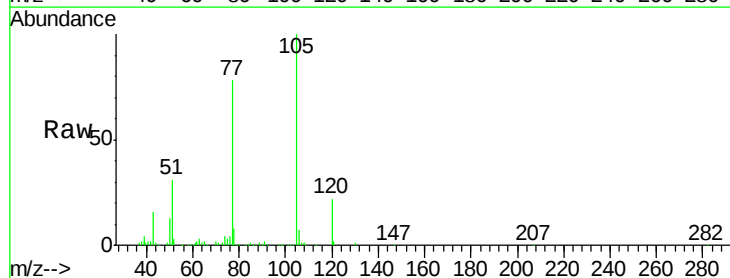
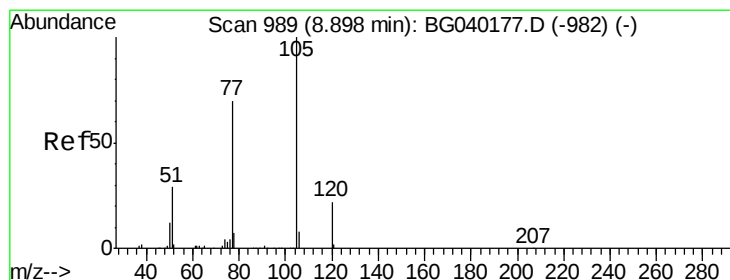
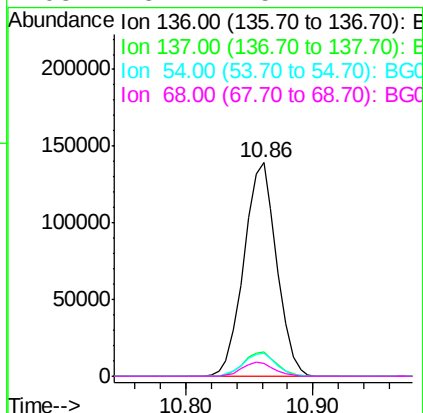
BNA_G

ClientSampleId :

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#22

Acetophenone

Concen: 42.957 ng

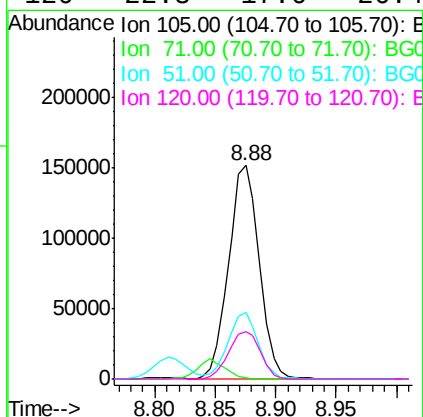
RT: 8.88 min Scan# 985

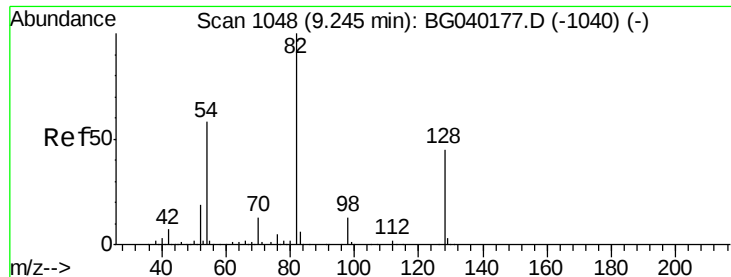
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267090		
71	0.5	0.6	1.0#	
51	30.9	25.1	37.7	
120	22.3	17.6	26.4	





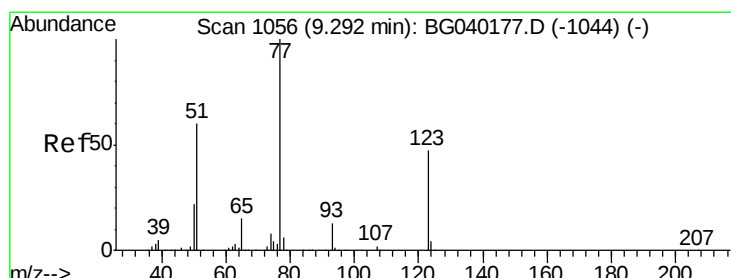
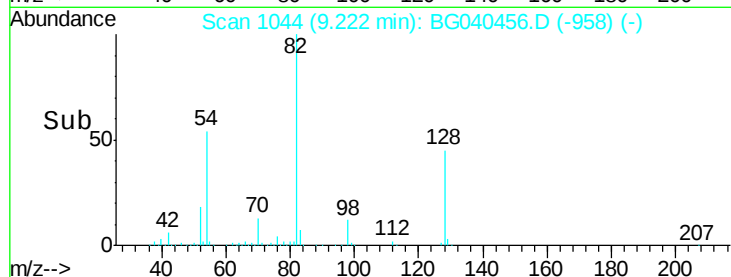
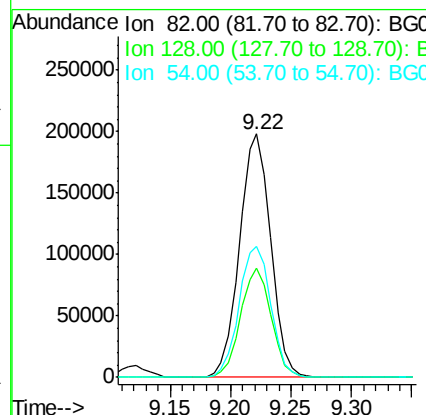
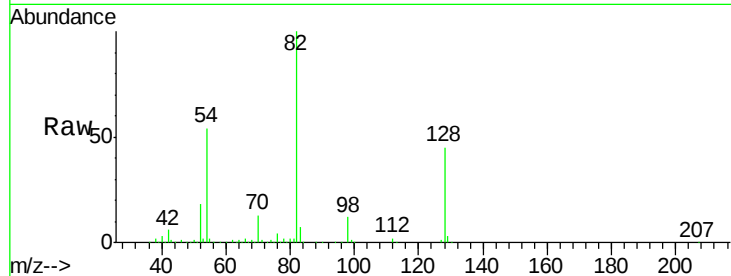
#23
 Nitrobenzene-d5
 Concen: 76.148 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.8
54	53.8	46.2	69.2

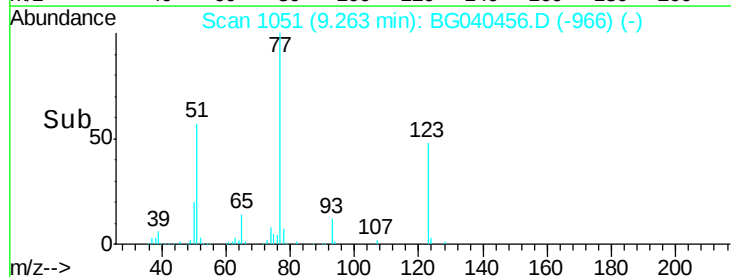
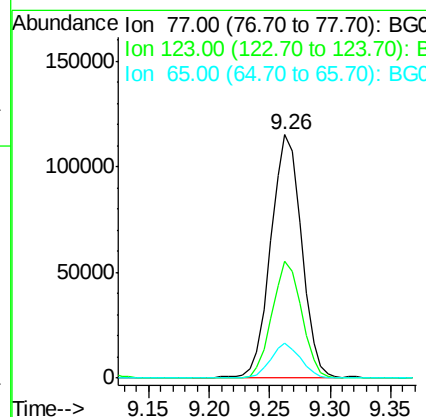
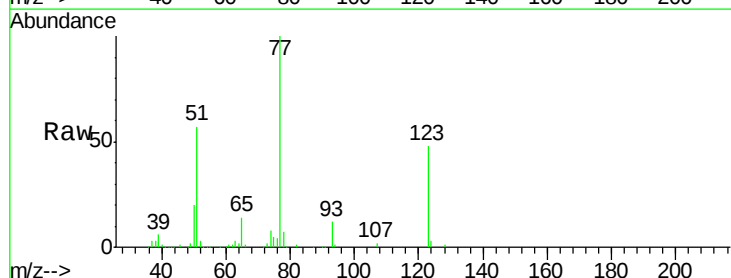
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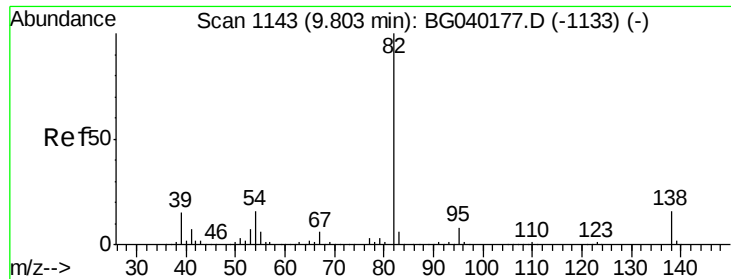
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#24
 Nitrobenzene
 Concen: 41.829 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.8	56.6
65	14.4	12.0	18.0





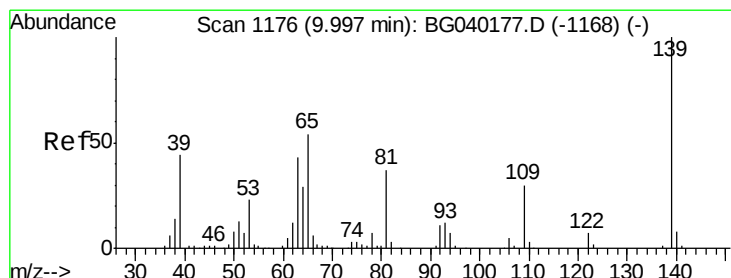
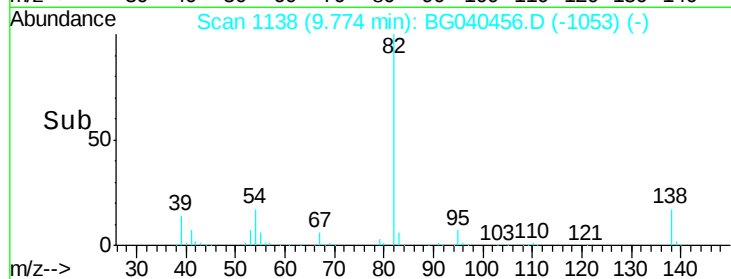
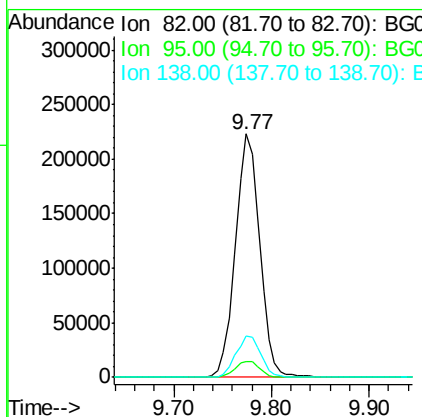
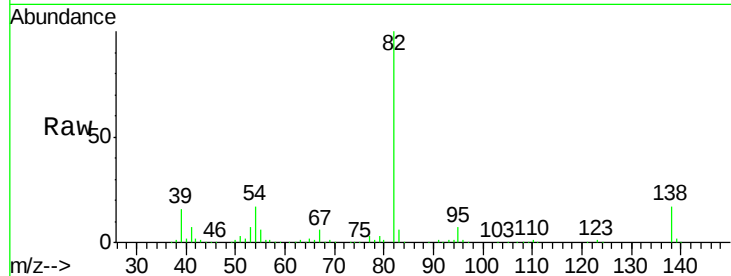
#25
Isophorone
Concen: 40.202 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	387896		
95	6.6		6.1	9.1
138	16.9		13.2	19.8

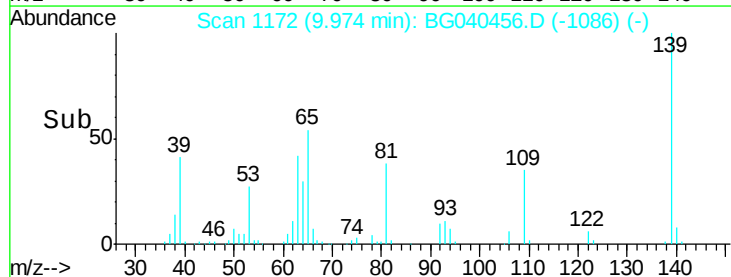
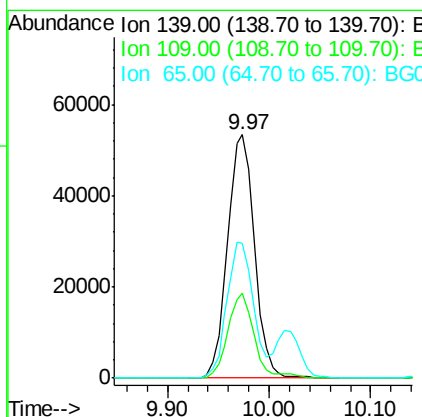
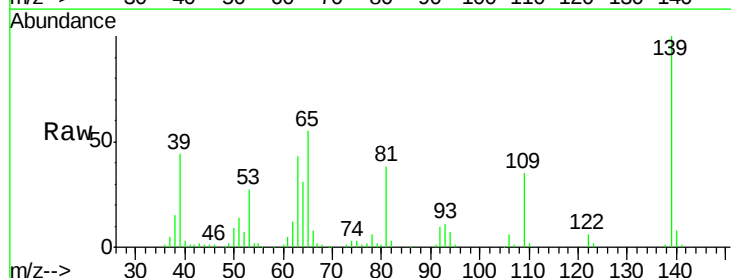
Manual Integrations
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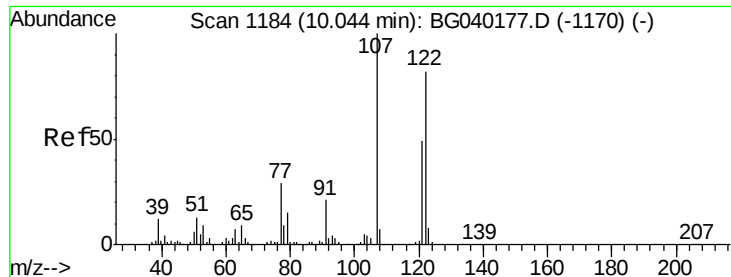
Sohil
4/15/2019 12:30:02 AM



#26
2-Nitrophenol
Concen: 42.674 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	98190		
109	34.7		24.1	36.1
65	55.3		43.0	64.6





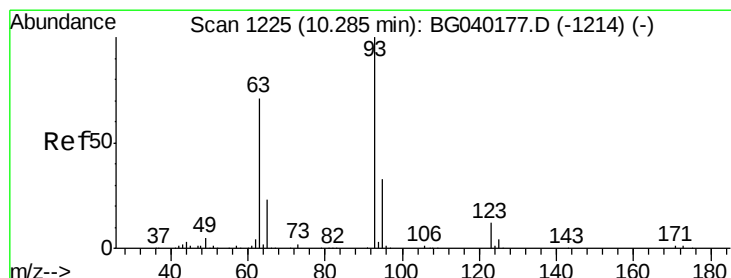
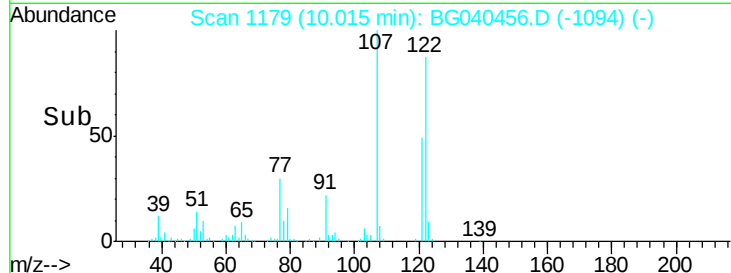
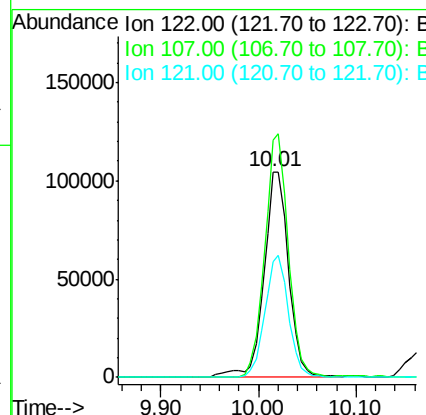
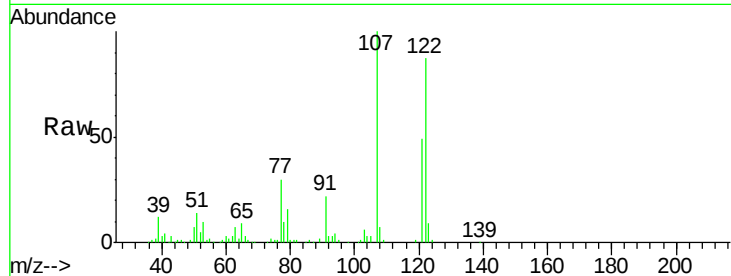
#27
 2,4-Dimethylphenol
 Concen: 50.865 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	185906		
107	115.0	97.4	146.2	
121	55.9	47.7	71.5	

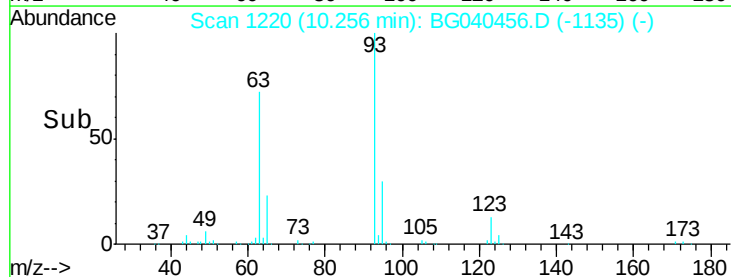
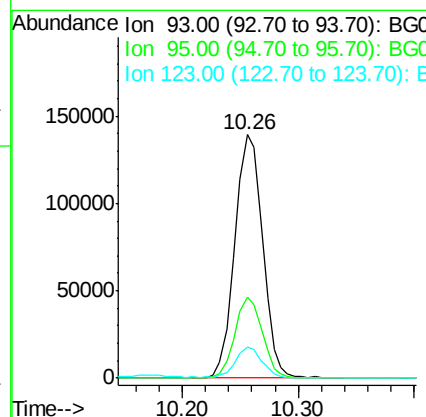
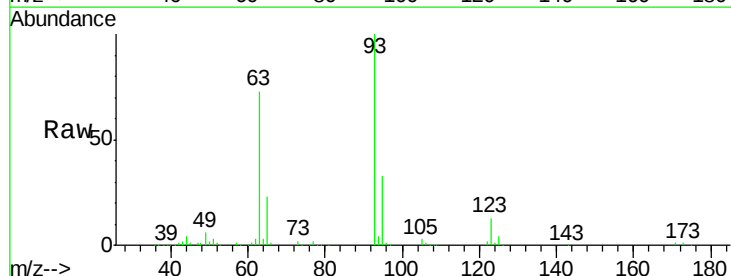
Manual Integrations
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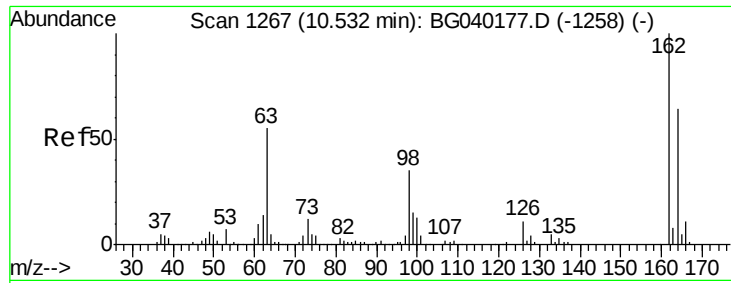
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.924 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	233608		
95	33.2	26.2	39.4	
123	12.9	9.4	14.0	





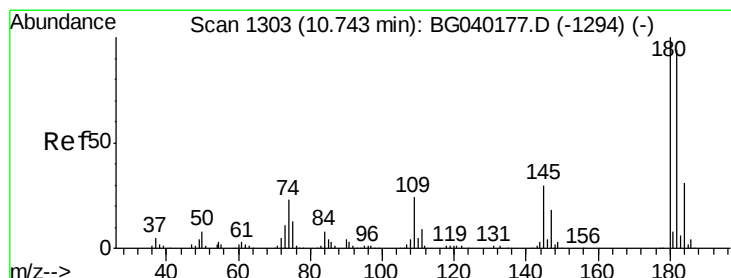
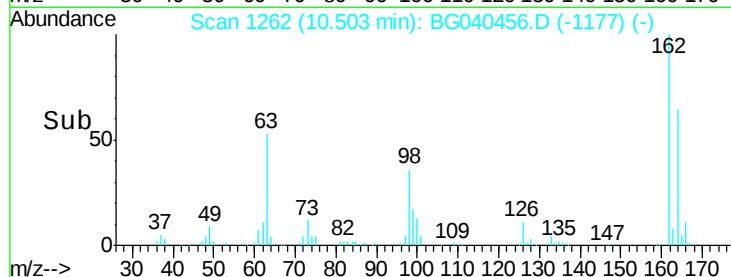
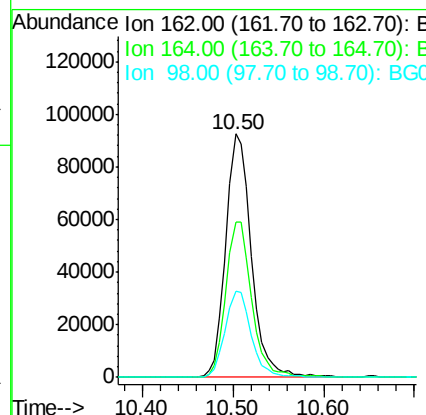
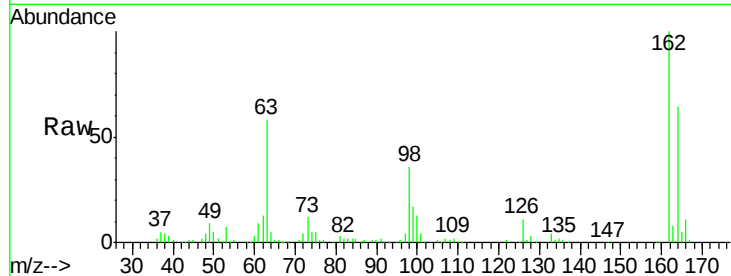
#29
 2,4-Dichlorophenol
 Concen: 45.974 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	182383		
164	63.6	43.9	83.9	
98	35.6	15.6	55.6	

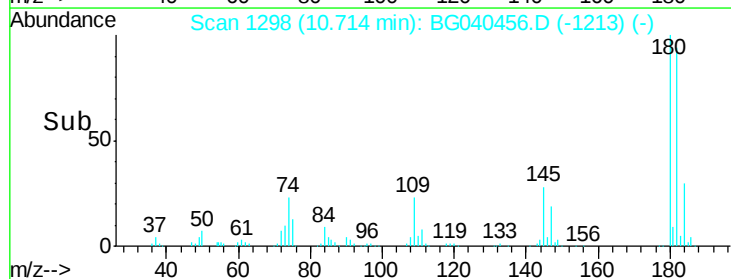
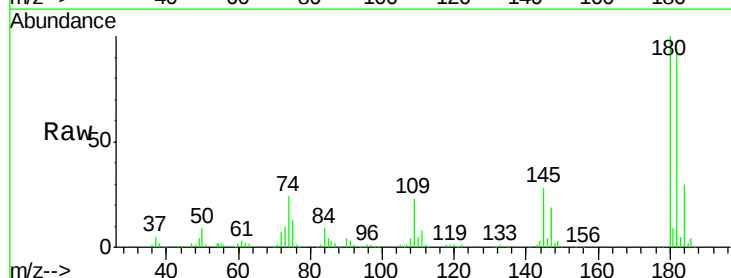
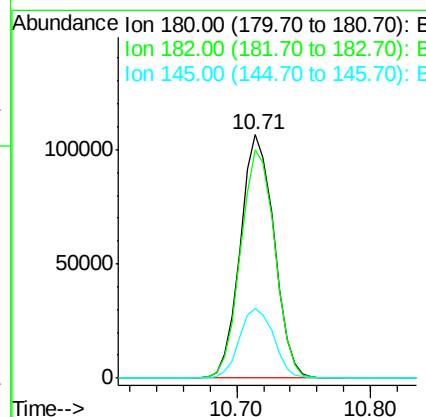
Manual Integrations
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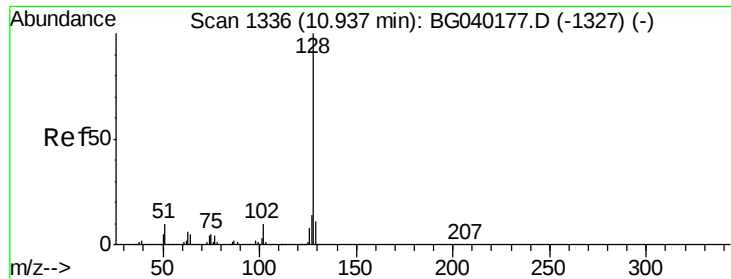
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.718 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186082		
182	93.8	75.1	112.7	
145	28.5	24.1	36.1	





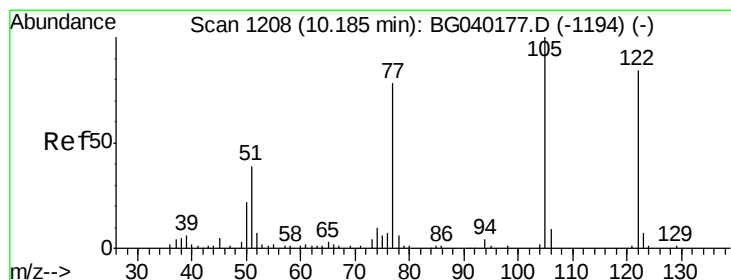
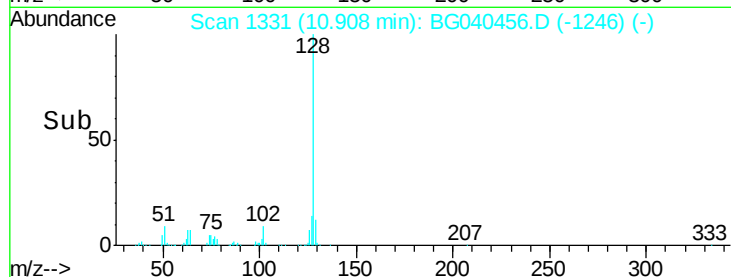
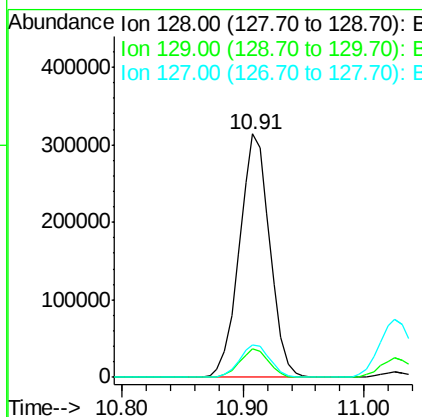
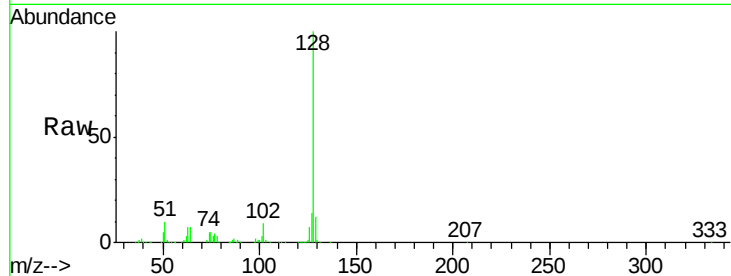
#31
Naphthalene
Concen: 42.870 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	547713		
129	11.6		8.9	13.3
127	13.6		11.4	17.0

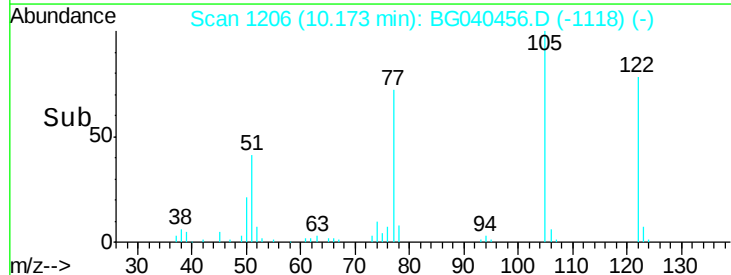
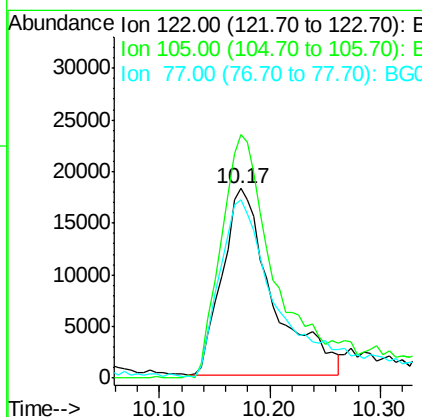
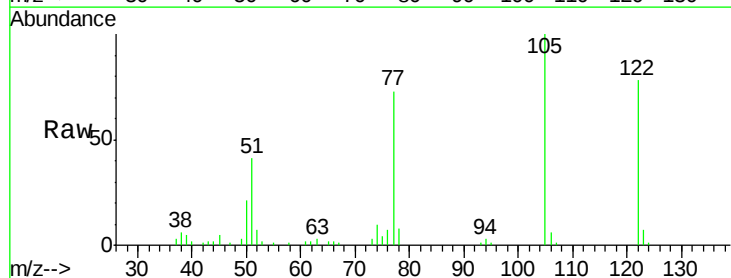
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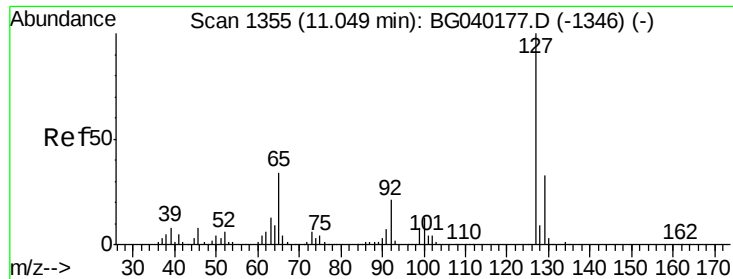
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#32
Benzoic acid
Concen: 26.257 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57982		
105	128.6		98.2	138.2
77	93.9		73.6	113.6





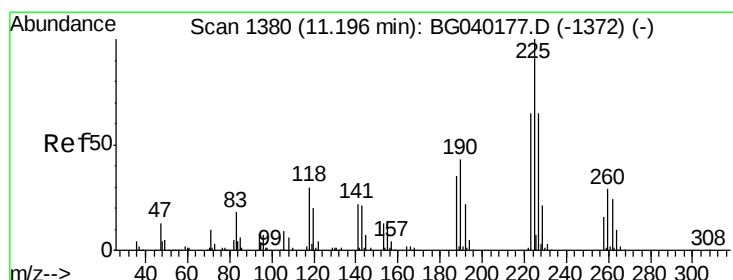
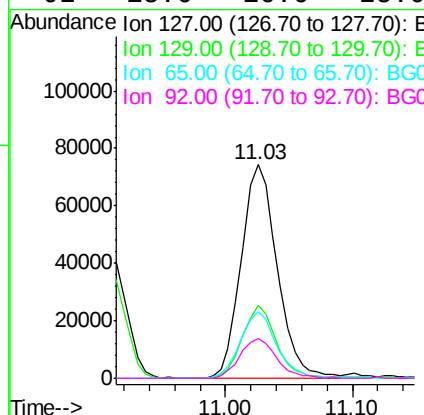
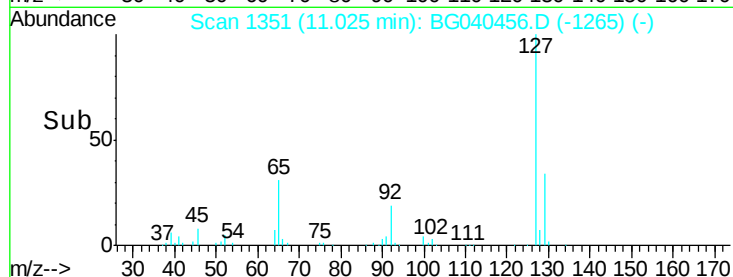
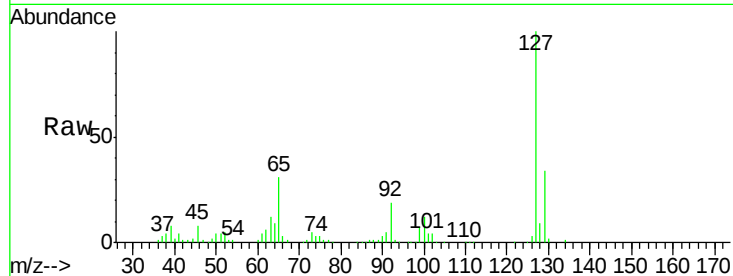
#33
4-Chloroaniline
Concen: 26.995 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	147111		
129	34.1	26.6	40.0	
65	31.1	27.0	40.4	
92	18.6	16.6	25.0	

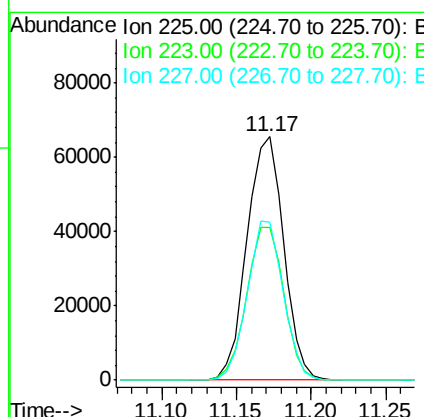
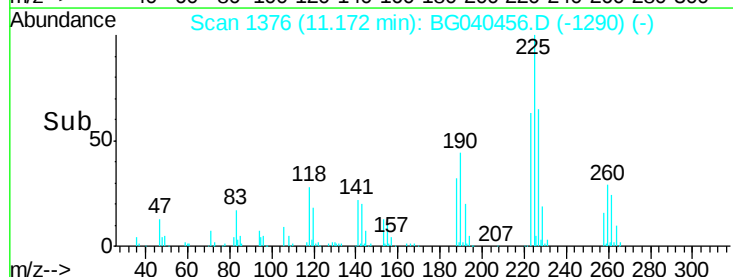
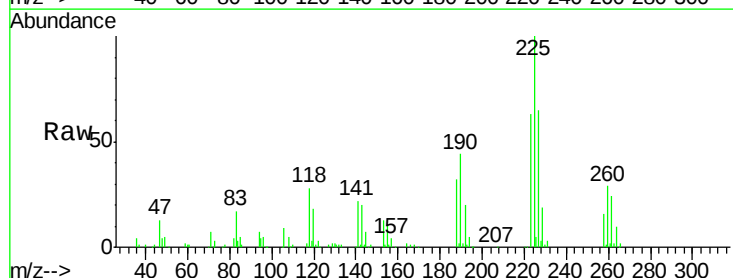
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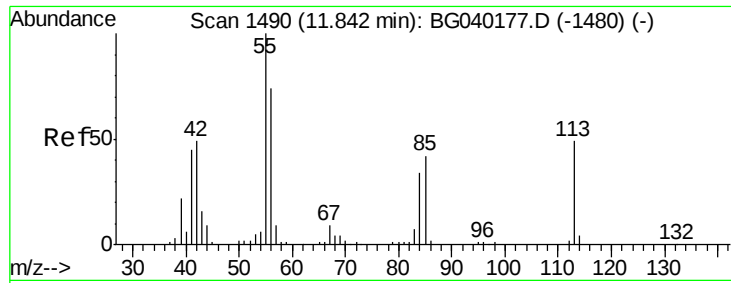
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#34
Hexachlorobutadiene
Concen: 40.064 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111613		
223	63.0	51.8	77.8	
227	64.7	54.9	82.3	





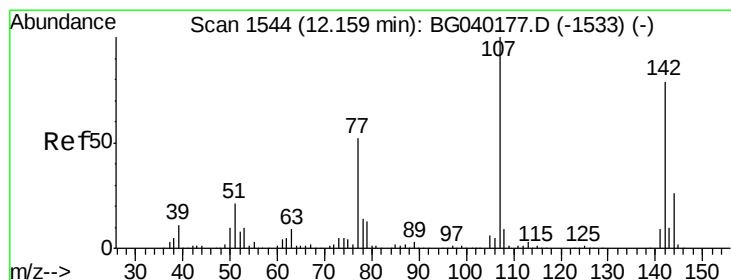
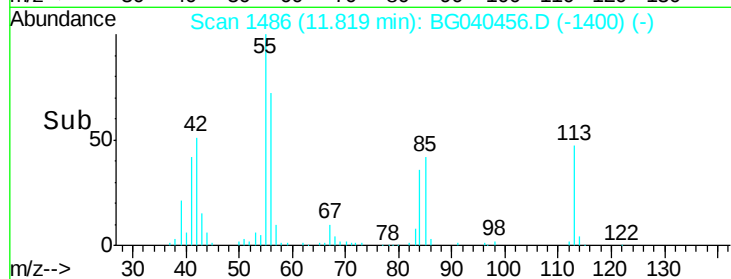
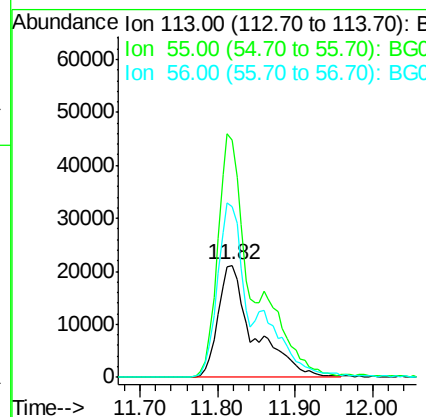
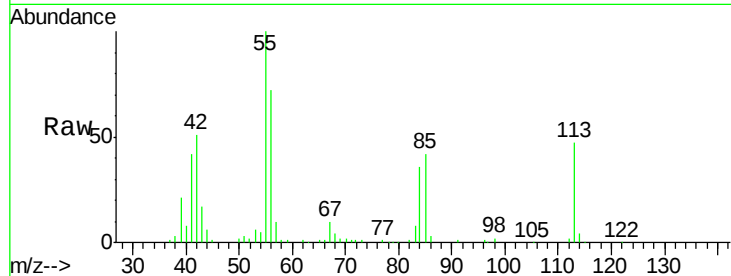
#35
 Caprolactam
 Concen: 43.244 ng m
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion:113 Resp: 68079
 Ion Ratio Lower Upper
 113 100
 55 212.3 184.2 224.2
 56 152.9 131.3 171.3

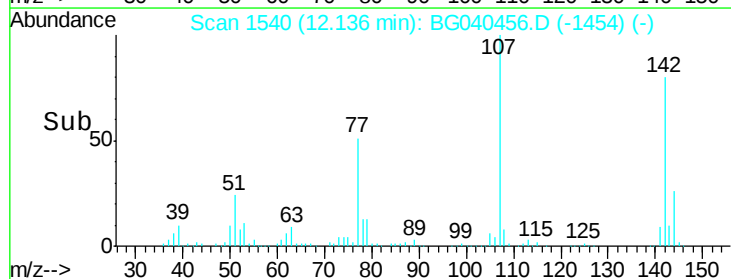
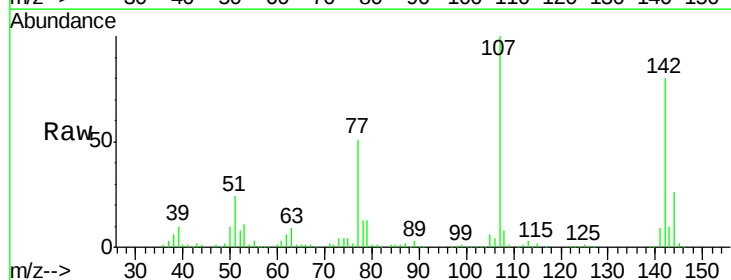
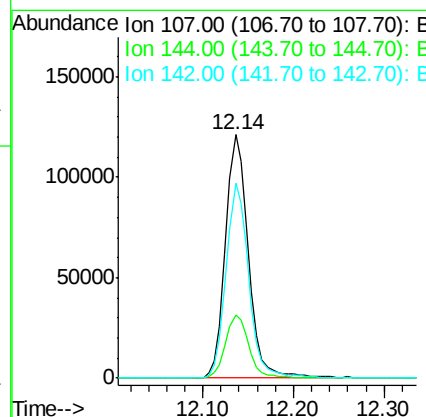
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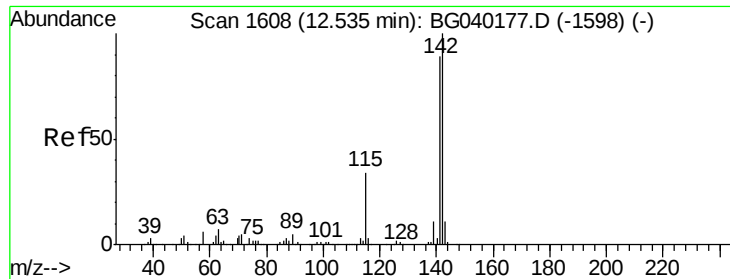
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#36
 4-Chloro-3-methylphenol
 Concen: 46.706 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion:107 Resp: 213012
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 79.8 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.193 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

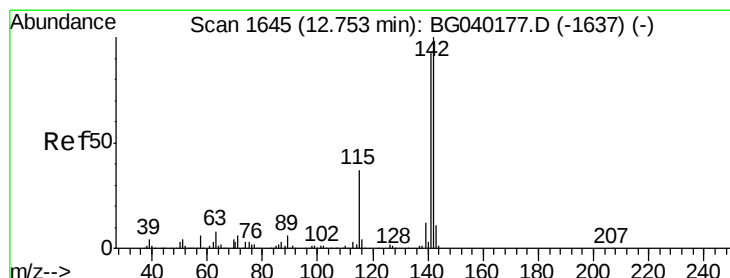
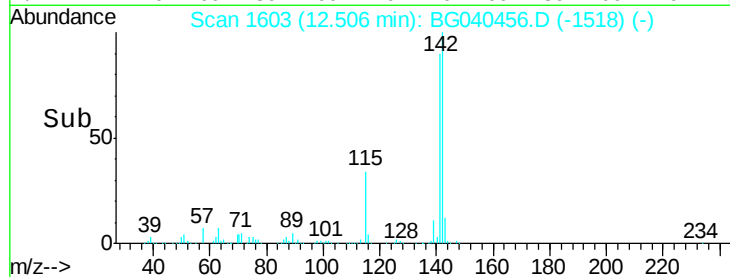
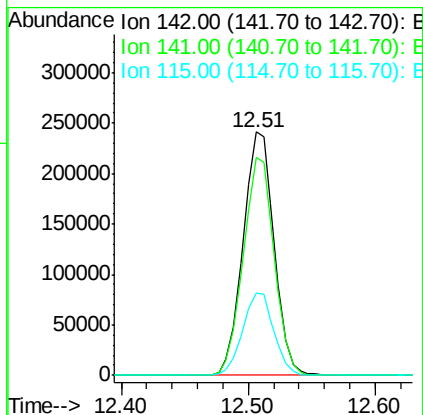
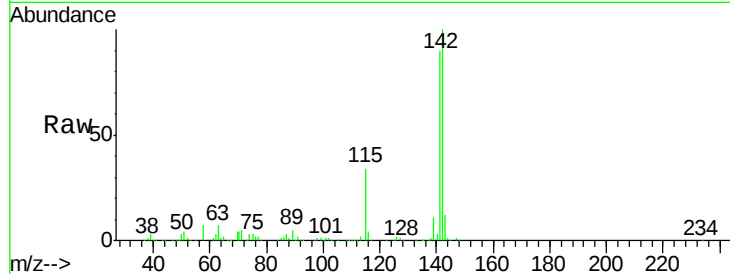
ClientSampleId :

PB118819BSD

Tgt Ion:	142	Resp:	408131
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.0	106.6
115	34.0	27.3	40.9

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#38

1-Methylnaphthalene

Concen: 42.844 ng

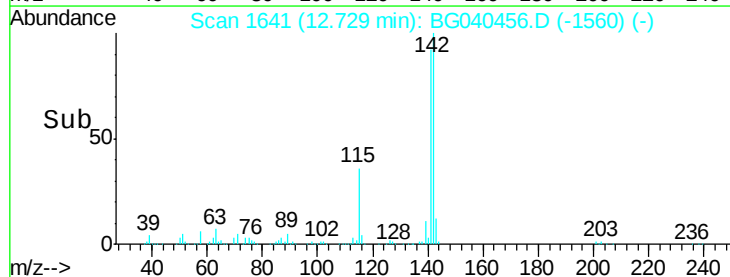
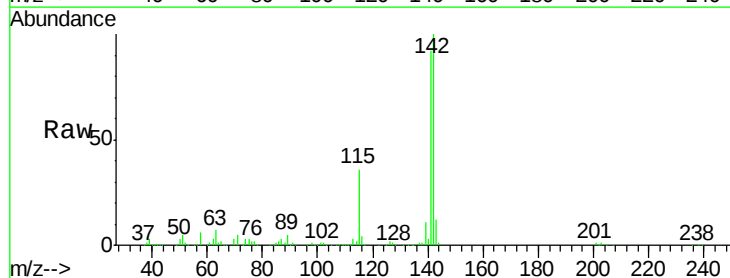
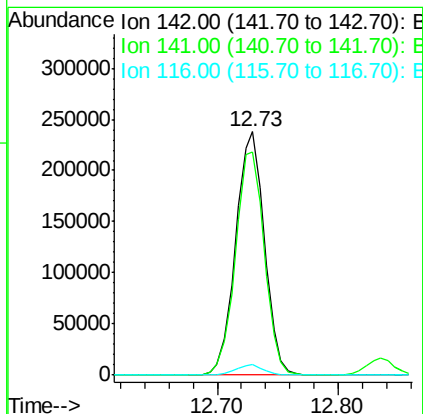
RT: 12.73 min Scan# 1641

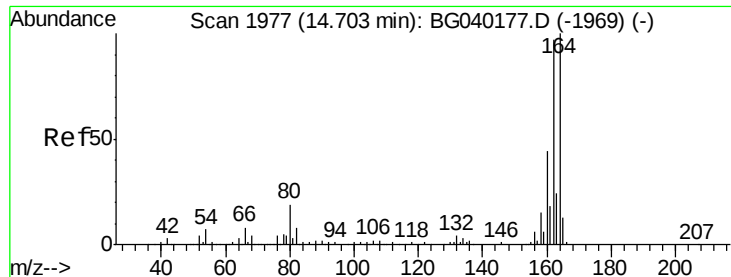
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	142	Resp:	392566
Ion Ratio	Lower	Upper	
142	100		
141	91.8	74.2	111.4
116	4.2	3.0	4.4





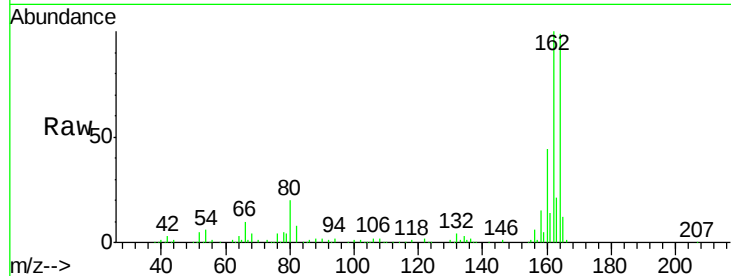
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampled :
PB118819BSD

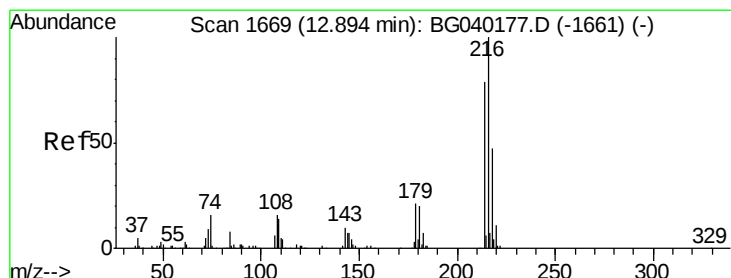
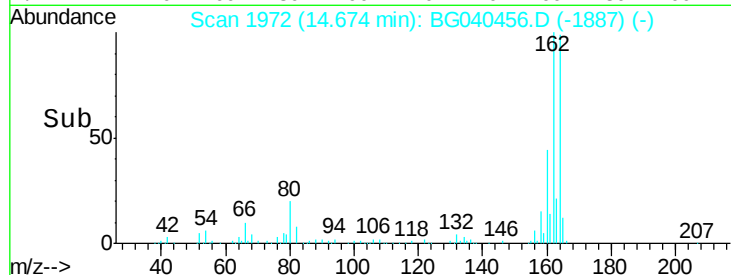
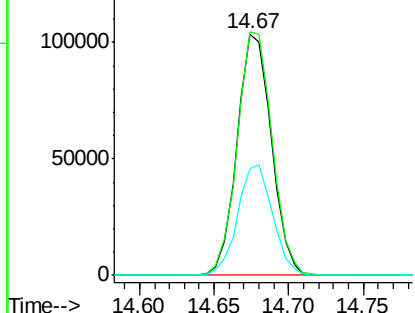
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165066		
162	100.8	77.4	116.2	
160	44.2	35.3	52.9	

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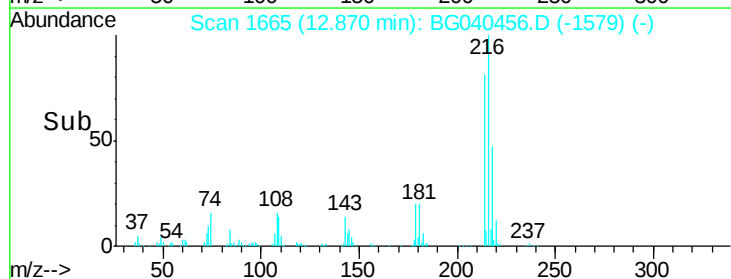
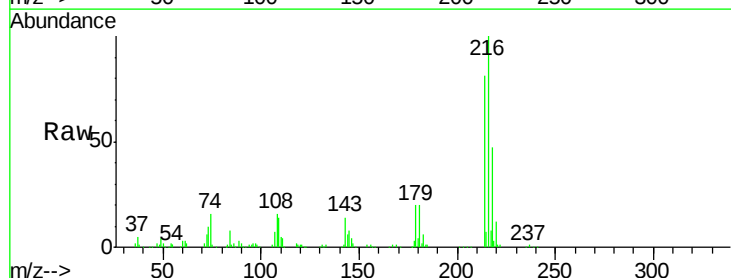
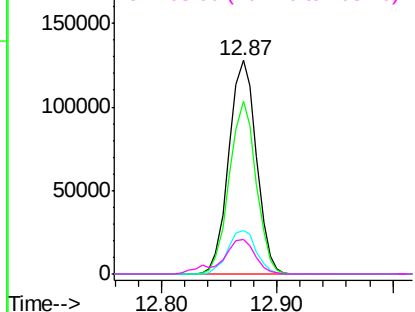
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

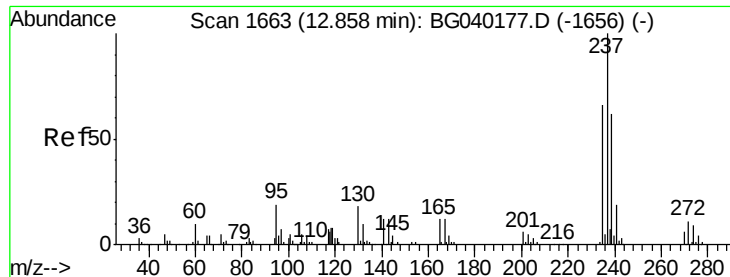


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.151 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	210649		
214	78.6	63.5	95.3	
179	21.1	16.6	25.0	
108	19.7	13.8	20.8	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.328 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

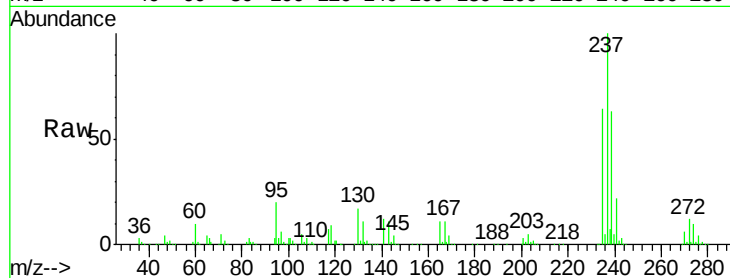
ClientSampleId :

PB118819BSD

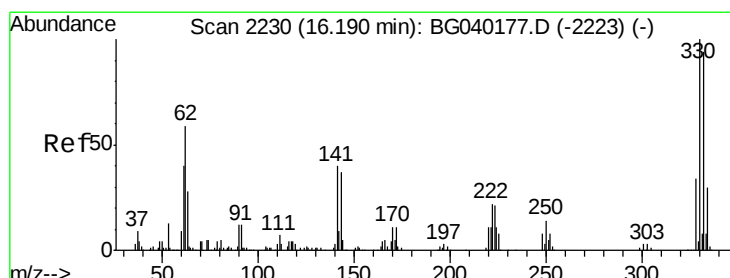
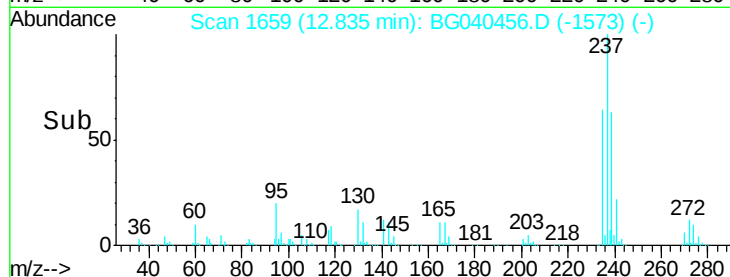
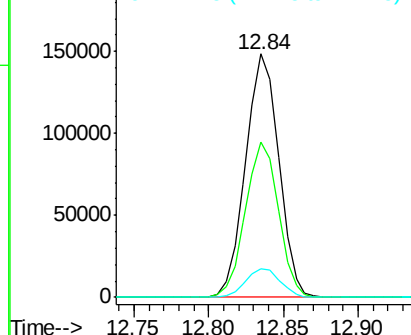
Tgt Ion:	237	Resp:	228516
Ion Ratio		Lower	Upper
237	100		
235	64.0	46.2	86.2
272	11.6	0.0	30.5

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4/15/2019 12:30:02 AM



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: 146.452 ng

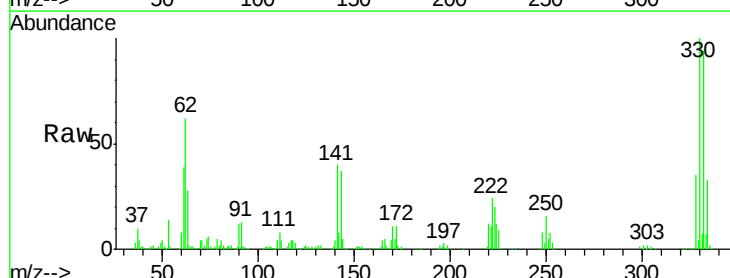
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

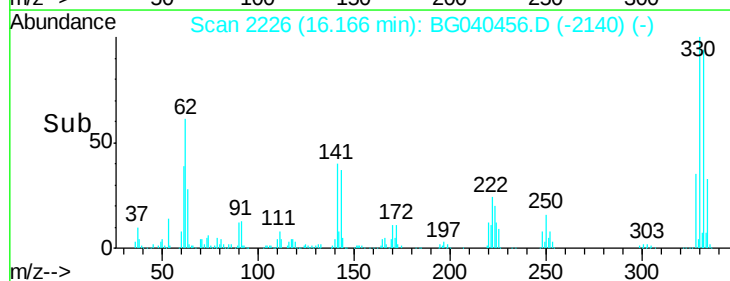
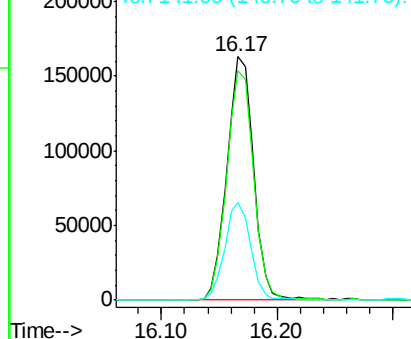
Lab File: BG040456.D

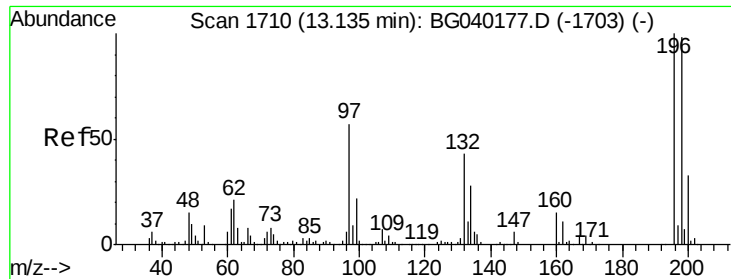
Acq: 12 Apr 2019 11:27

Tgt Ion:	330	Resp:	261261
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.1	32.6	48.8



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





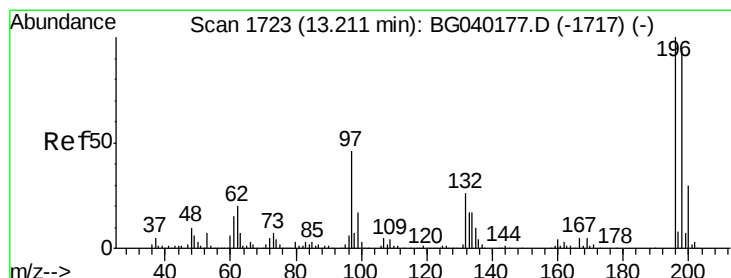
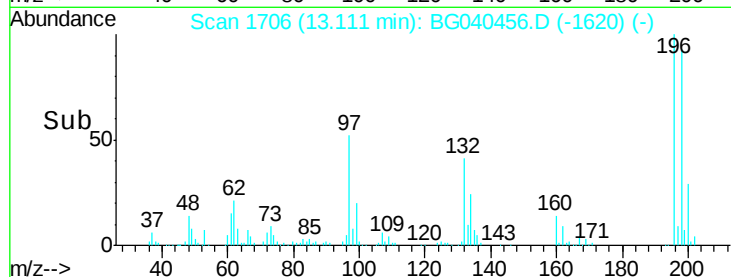
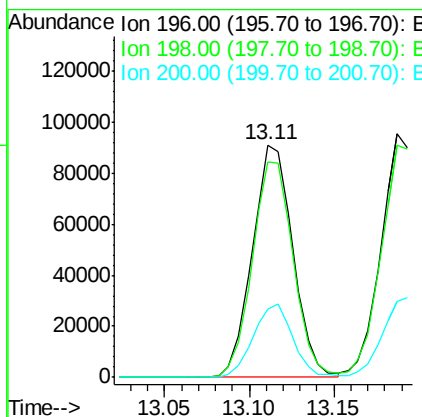
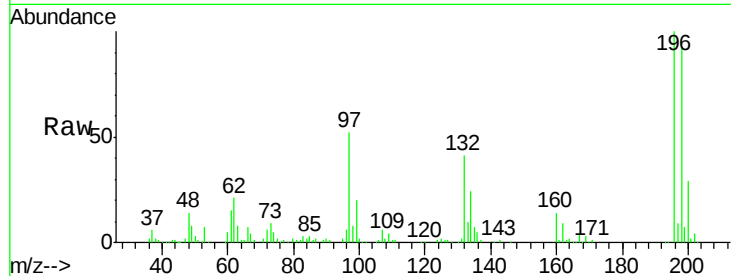
#43
 2,4,6-Trichlorophenol
 Concen: 44.635 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150979		
198	92.7	78.3	117.5	
200	29.5	26.0	39.0	

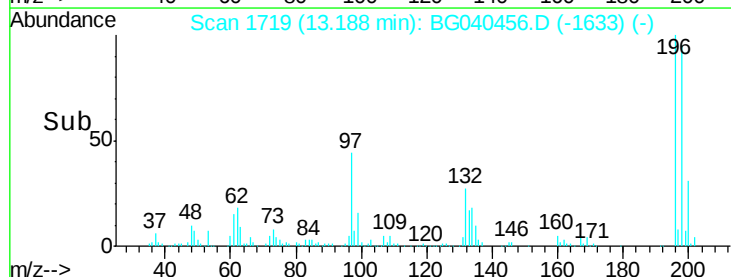
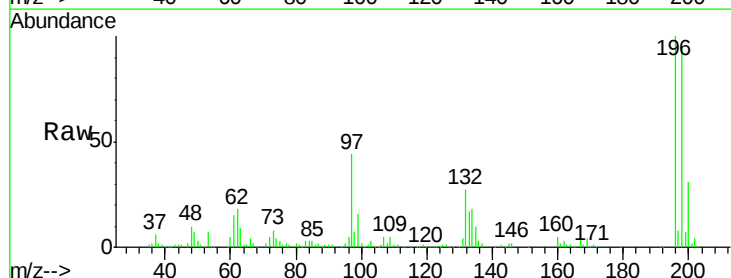
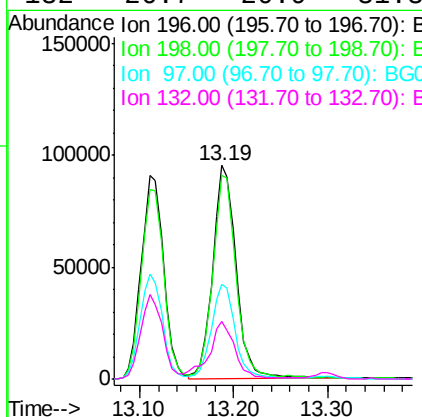
Manual Integrations
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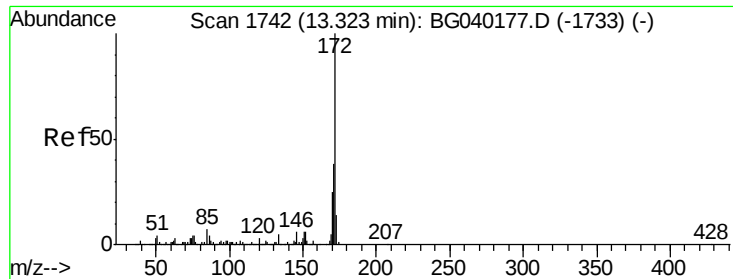
Sohil
 4/15/2019 12:30:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.277 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166929		
198	95.3	75.0	112.6	
97	44.1	37.3	55.9	
132	26.7	20.9	31.3	





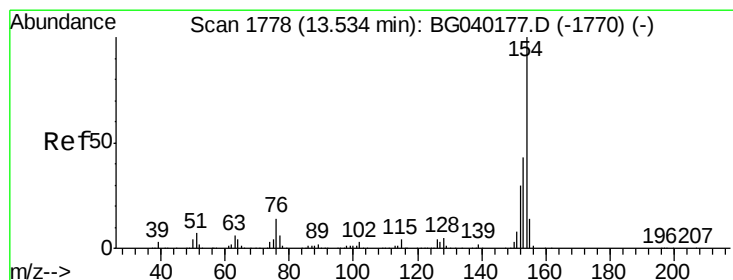
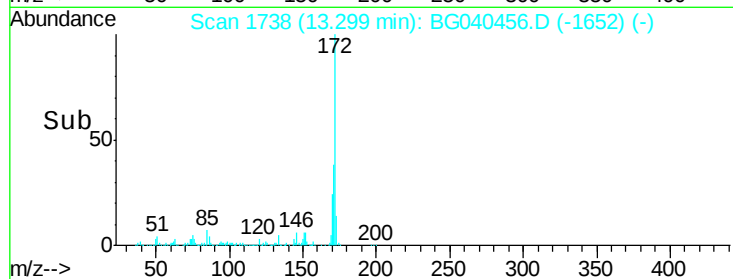
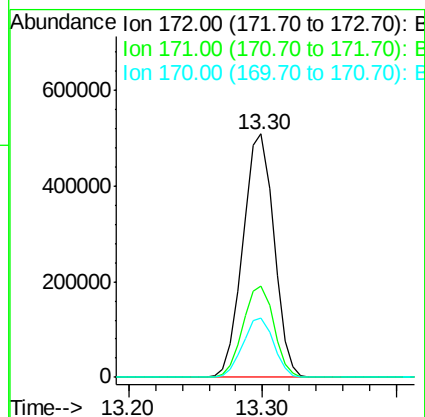
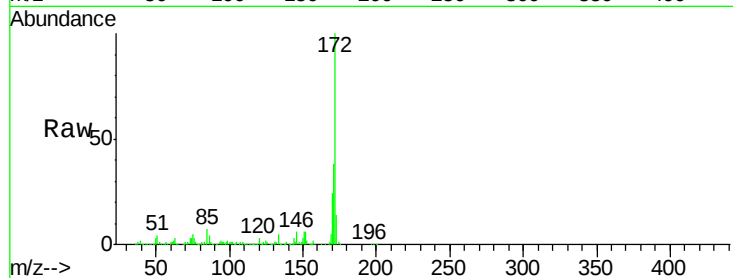
#45
2-Fluorobiphenyl
Concen: 73.163 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	815025		
171	37.6	30.5	45.7	
170	24.3	20.1	30.1	

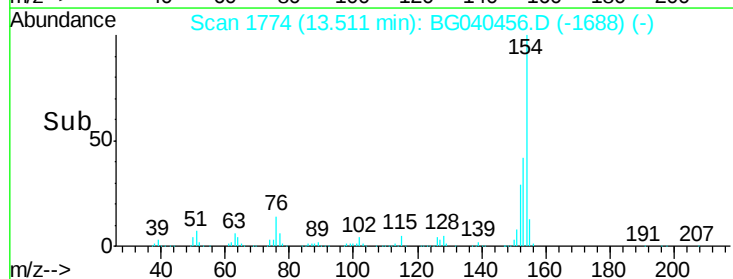
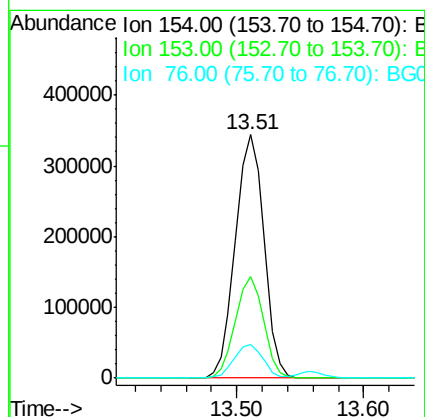
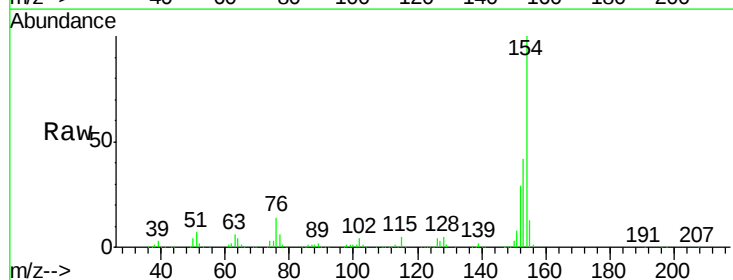
Manual Integrations
APPROVED

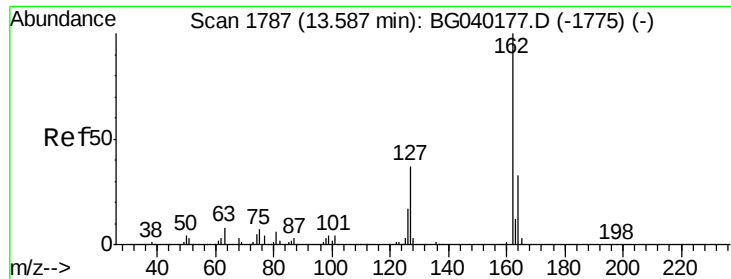
Sohil
4/15/2019 12:30:02 AM



#46
1,1'-Biphenyl
Concen: 41.114 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	536221		
153	41.7	22.5	62.5	
76	13.6	0.0	33.7	





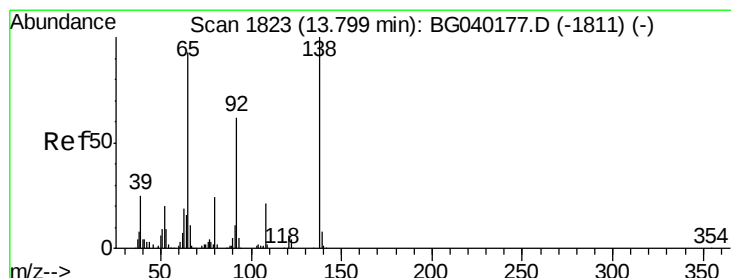
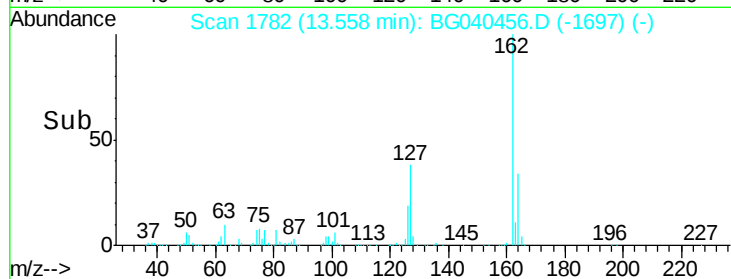
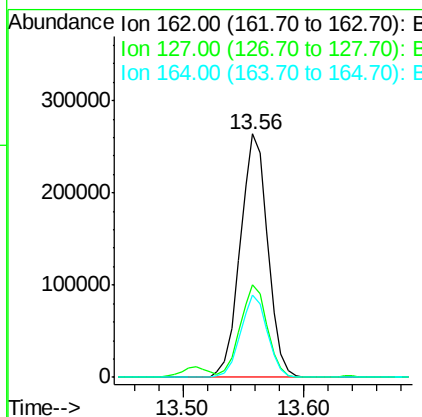
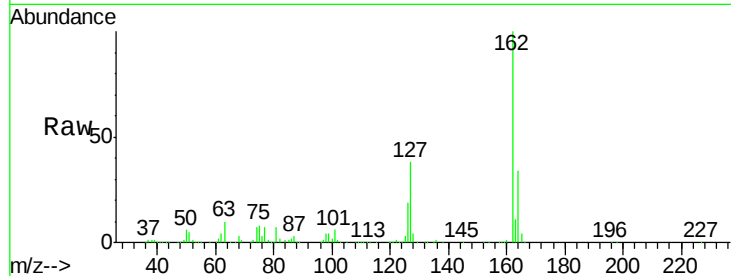
#47
2-Chloronaphthalene
Concen: 41.741 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	417593		
127	38.1	30.6	45.8	
164	33.6	26.2	39.4	

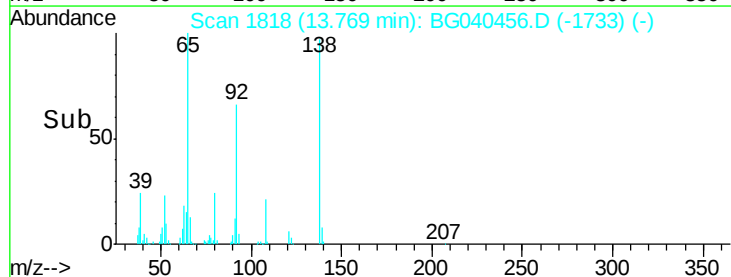
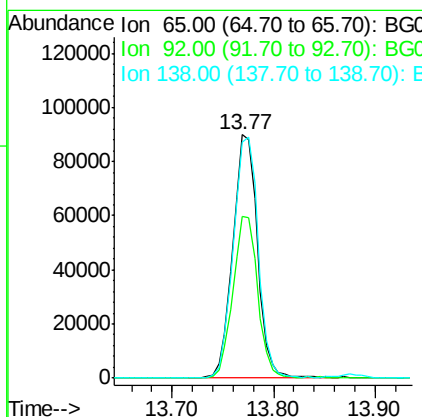
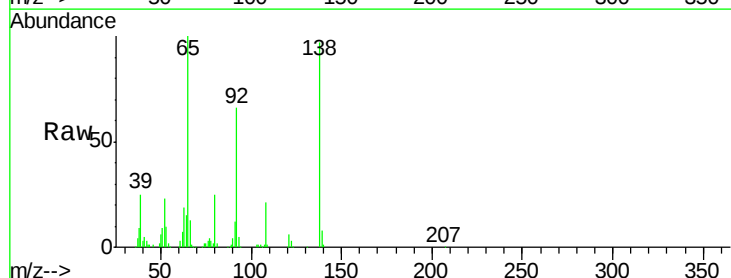
Manual Integrations
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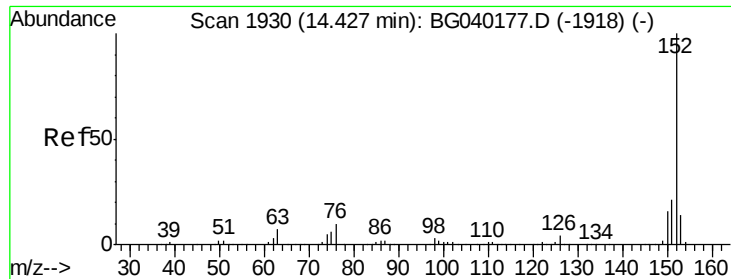
Sohil
4/15/2019 12:30:02 AM



#48
2-Nitroaniline
Concen: 45.051 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	152028		
92	66.5	53.8	80.6	
138	96.9	86.3	129.5	





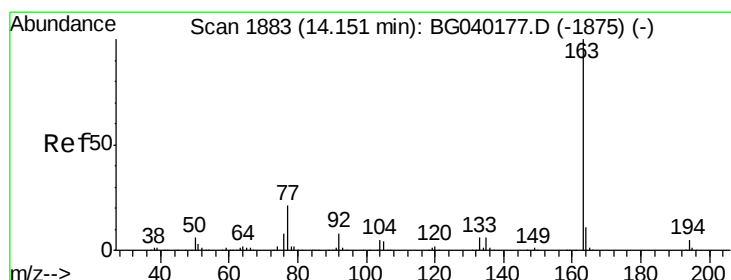
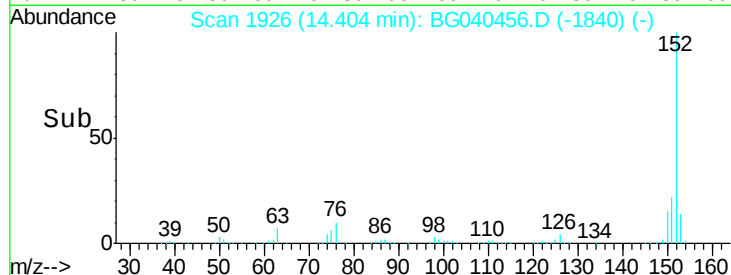
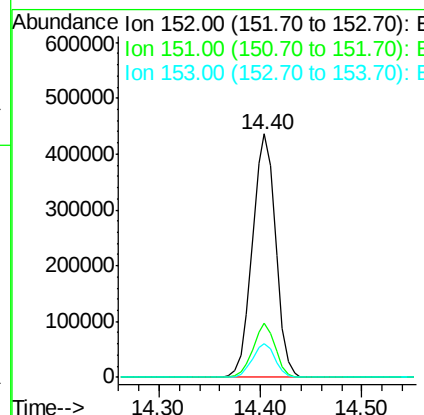
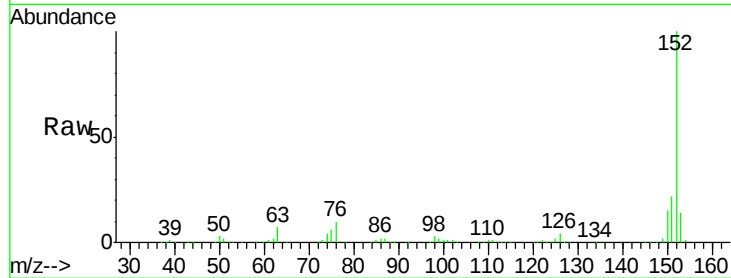
#49
Acenaphthylene
Concen: 40.765 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	691460		
151	22.3	17.0	25.6	
153	14.0	10.8	16.2	

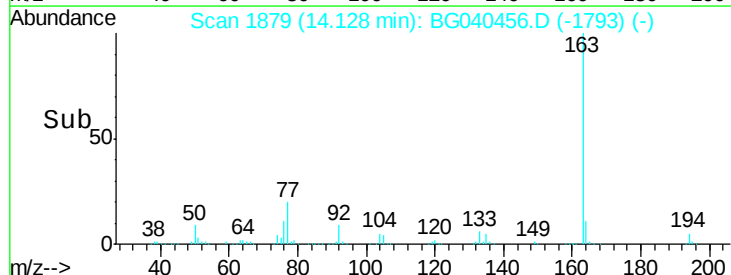
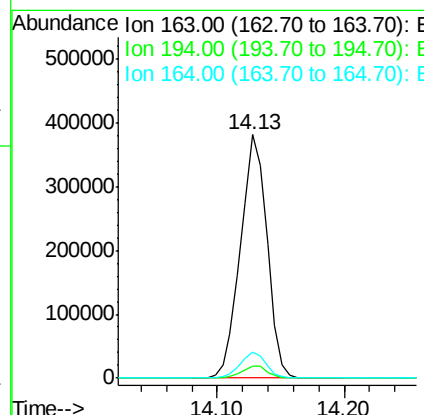
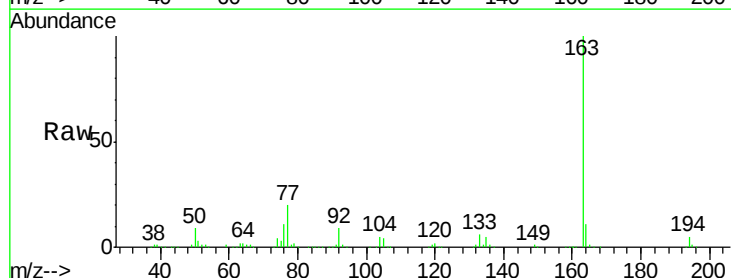
Manual Integrations
APPROVED

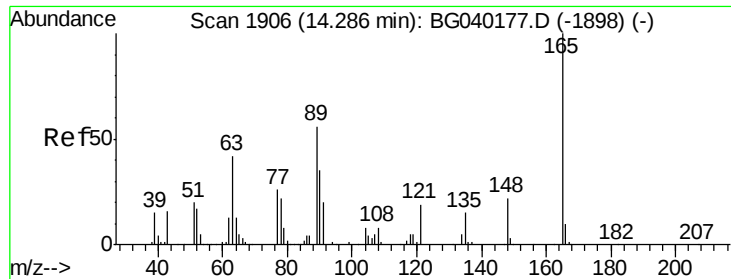
Sohil
4/15/2019 12:30:02 AM



#50
Dimethylphthalate
Concen: 42.768 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	552512		
194	4.9	4.1	6.1	
164	10.6	8.6	13.0	





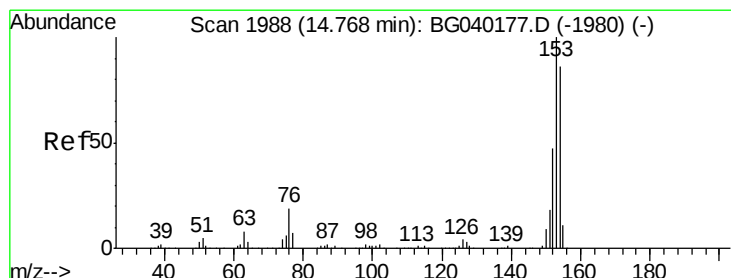
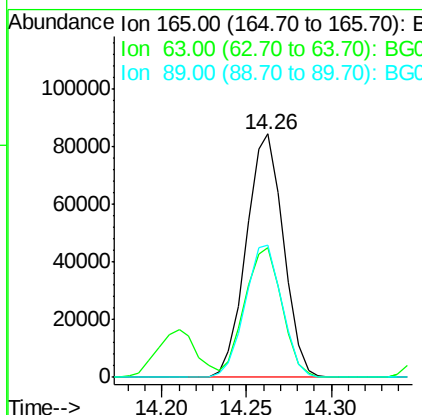
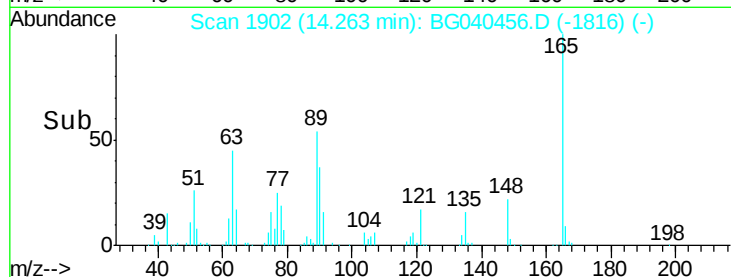
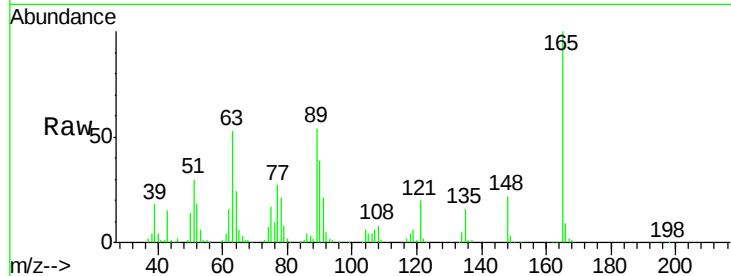
#51
2,6-Dinitrotoluene
Concen: 44.442 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampled :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	128913		
63	53.4	44.1	66.1	
89	54.3	44.9	67.3	

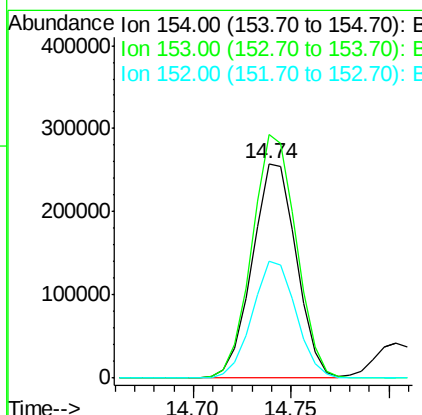
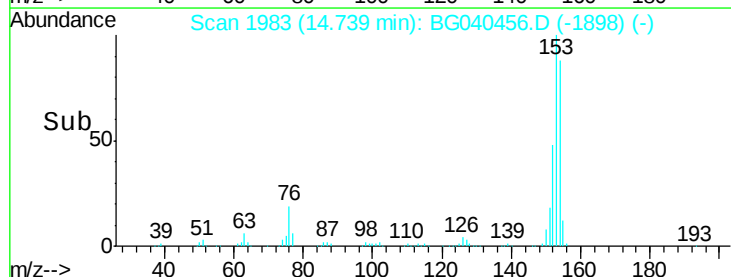
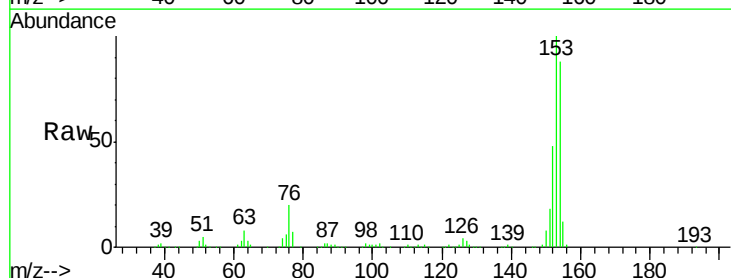
Manual Integrations
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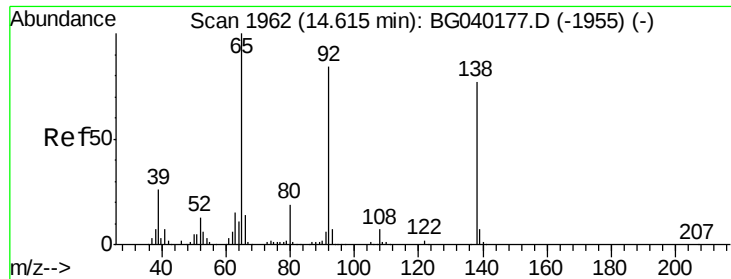
Sohil
4/15/2019 12:30:02 AM



#52
Acenaphthene
Concen: 41.624 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	404567		
153	113.4	92.8	139.2	
152	54.5	43.4	65.2	





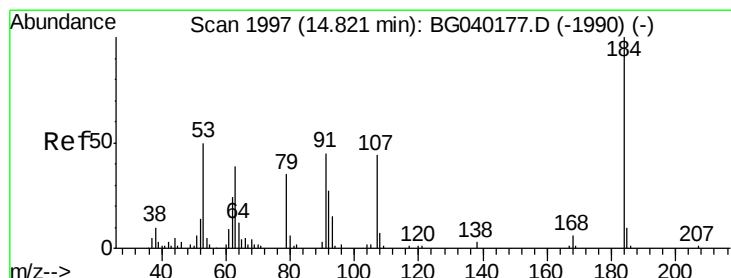
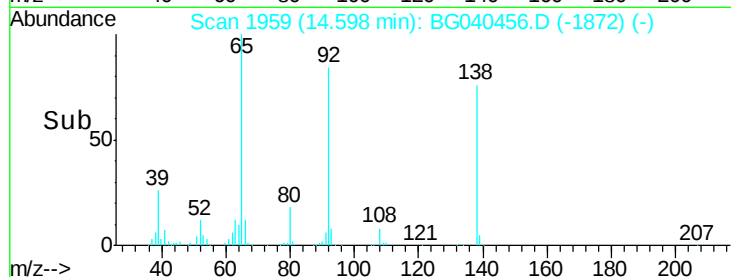
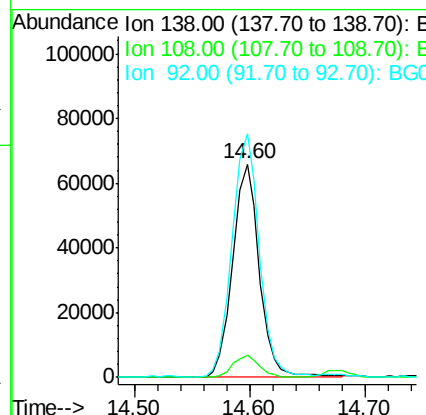
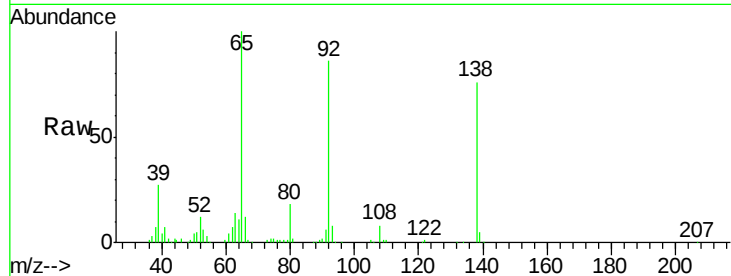
#53
3-Nitroaniline
Concen: 34.396 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	114.1	87.5	131.3

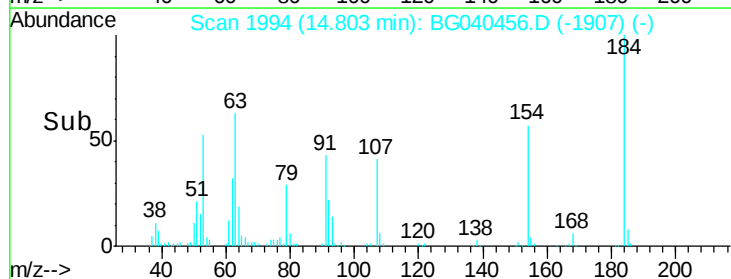
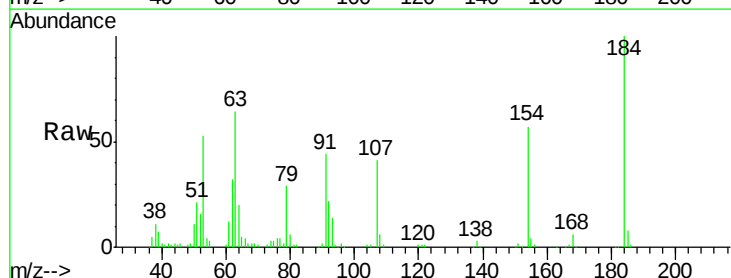
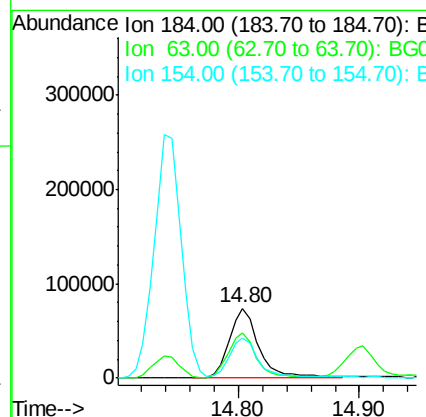
Manual Integrations
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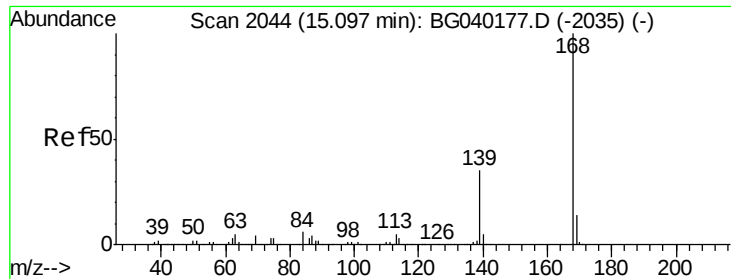
Sohil
4/15/2019 12:30:02 AM



#54
2,4-Dinitrophenol
Concen: 81.952 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	51.8	77.8
154	57.0	50.9	76.3





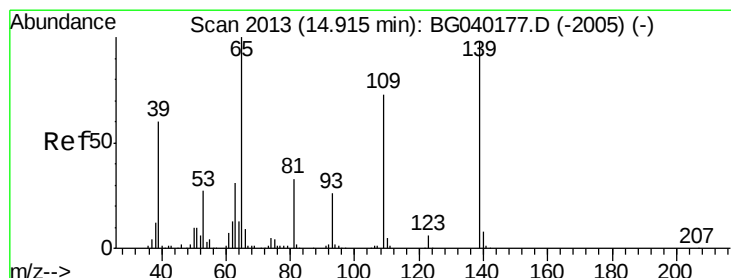
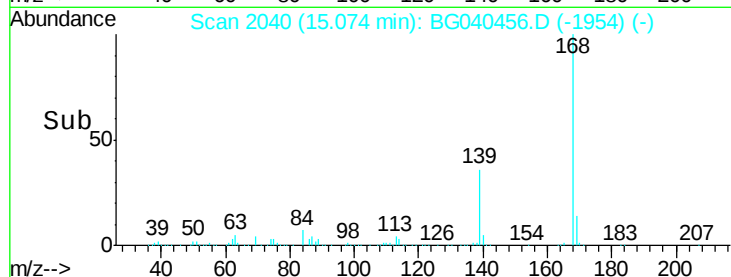
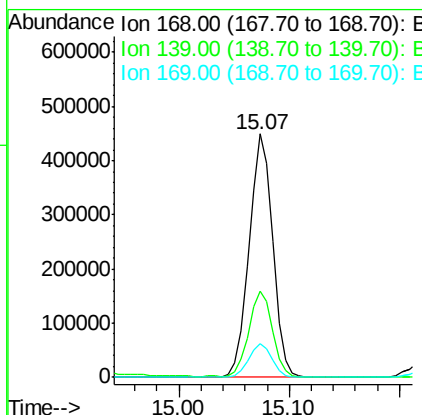
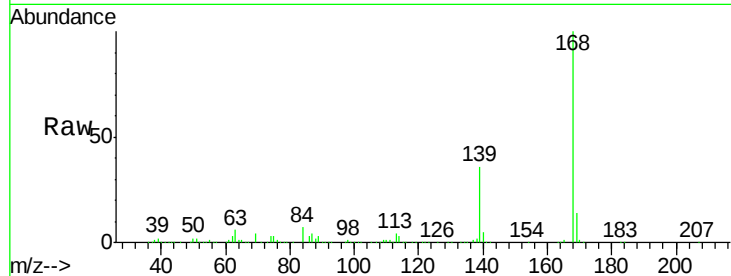
#55
Dibenzenofuran
Concen: 43.105 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	673211		
139	35.5	27.9	41.9	
169	13.9	11.3	16.9	

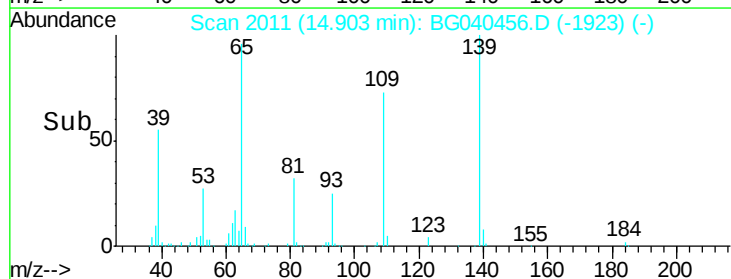
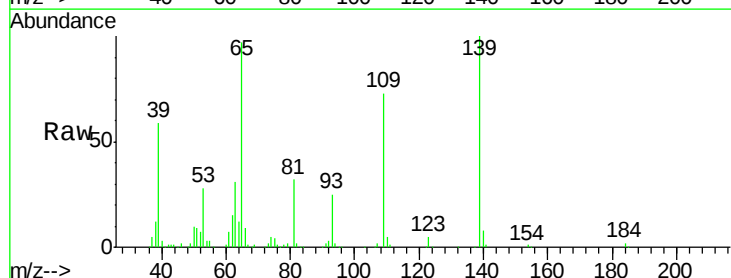
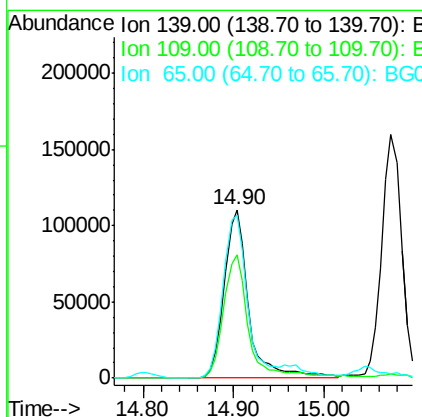
Manual Integrations
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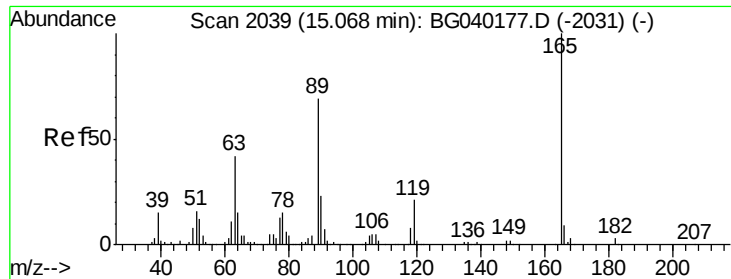
Sohil
4/15/2019 12:30:02 AM



#56
4-Nitrophenol
Concen: 83.549 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	207046		
109	72.8	54.3	94.3	
65	96.7	82.5	122.5	





#57

2,4-Dinitrotoluene

Concen: 46.575 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

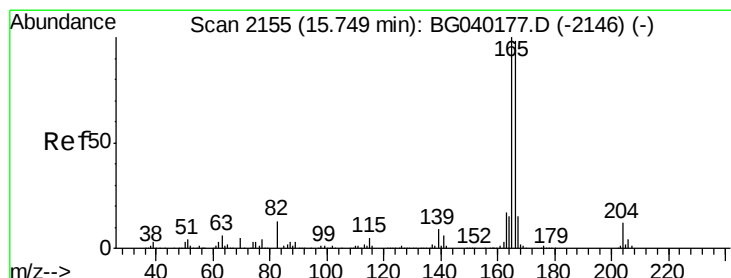
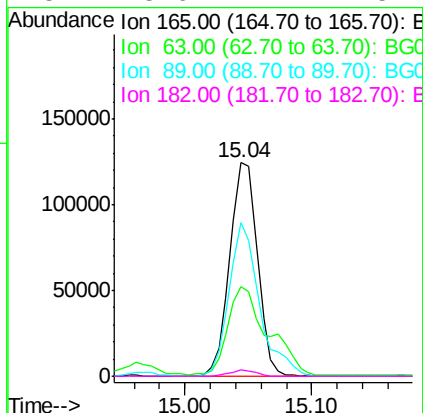
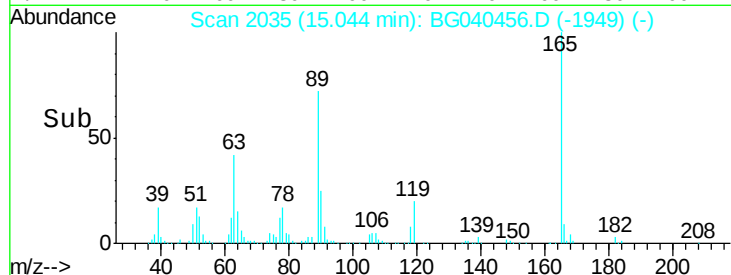
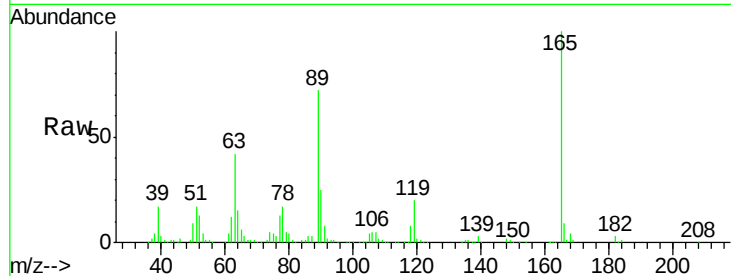
ClientSampleId :

PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187726		
63	42.2	33.8	50.6	
89	71.7	55.4	83.2	
182	3.6	2.2	3.4	

Manual Integrations
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#58

Fluorene

Concen: 43.411 ng

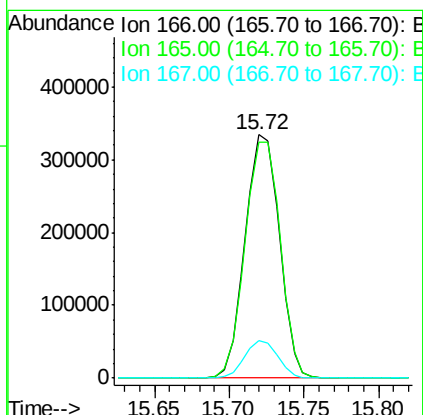
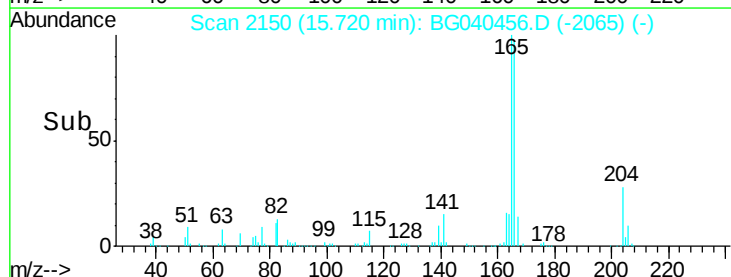
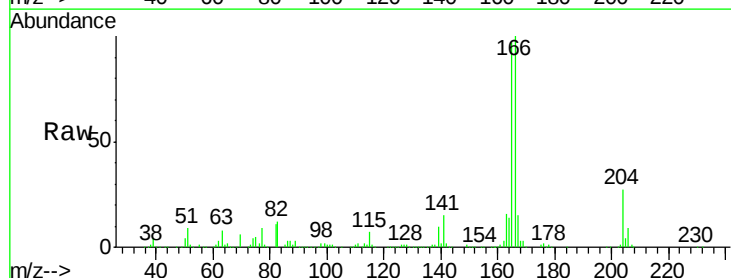
RT: 15.72 min Scan# 2150

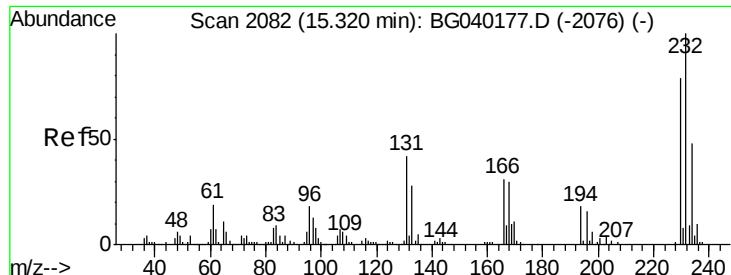
Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	533052		
165	96.8	81.7	122.5	
167	15.3	11.9	17.9	





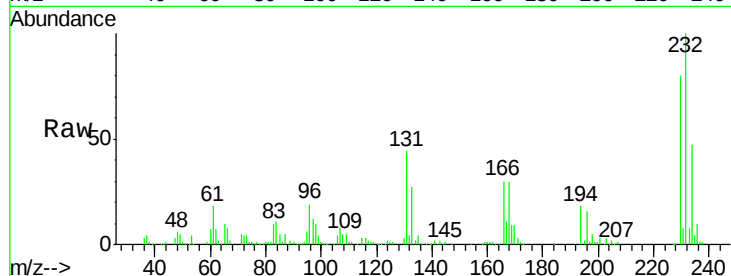
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.253 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

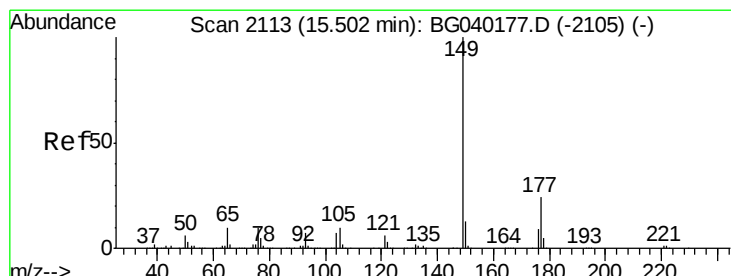
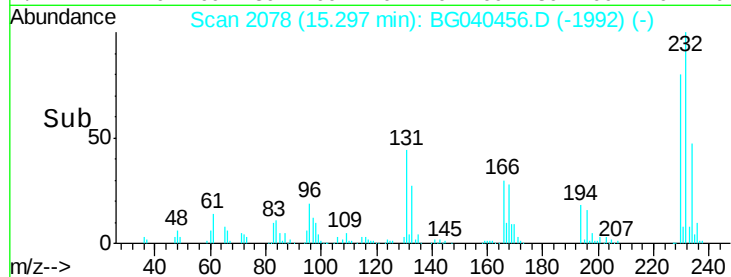
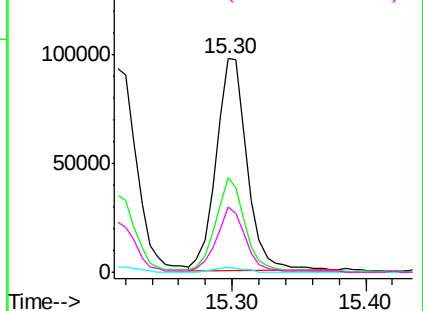
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	158092		
131	43.2	32.9	49.3	
130	2.4	1.8	2.8	
166	29.3	23.5	35.3	

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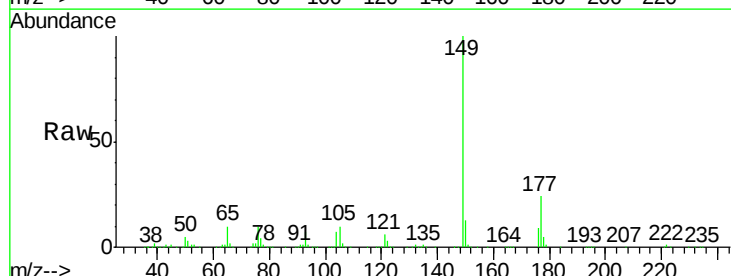


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

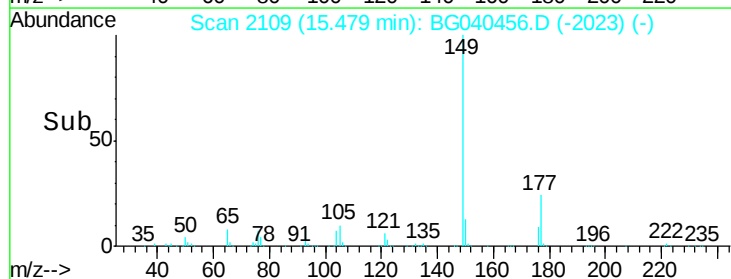
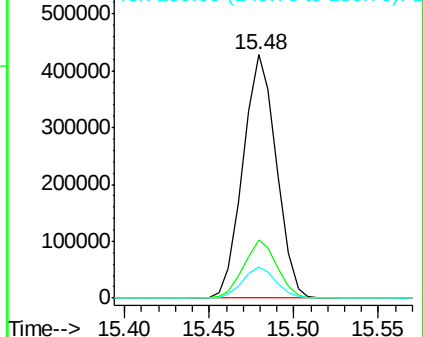


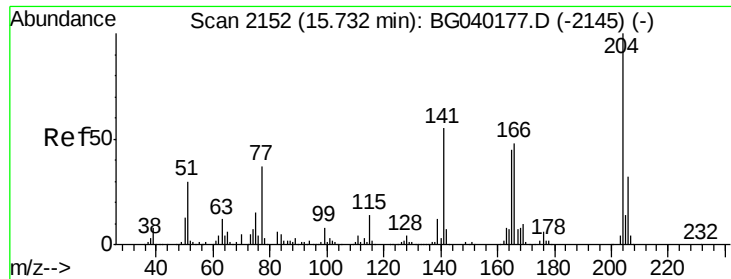
#60
 Diethylphthalate
 Concen: 44.672 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	590552		
177	23.8	19.1	28.7	
150	12.7	10.6	15.8	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





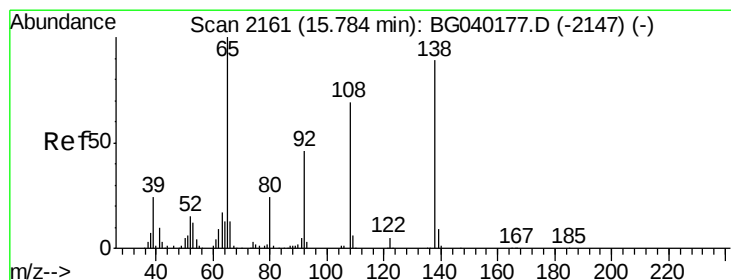
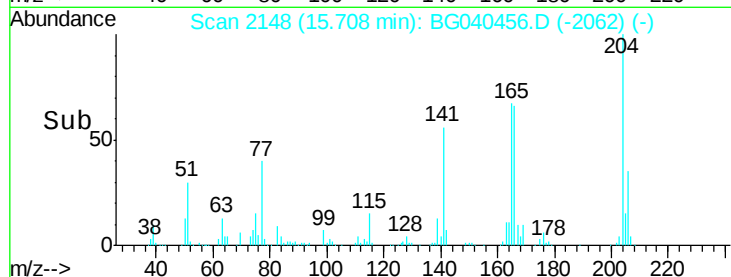
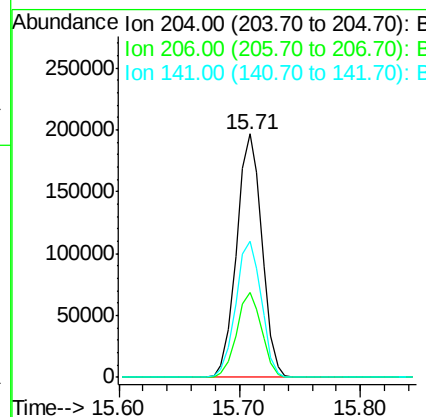
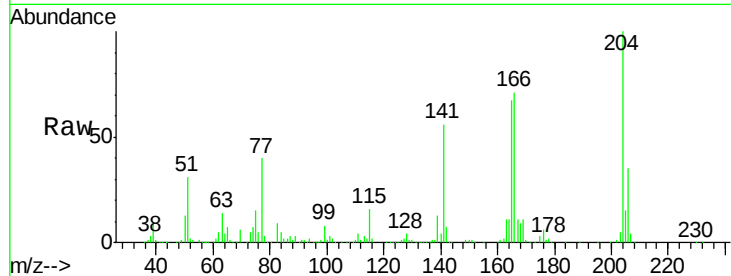
#61
 4-Chlorophenyl-phenylether
 Concen: 43.733 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	25.7	38.5
141	55.8	44.0	66.0

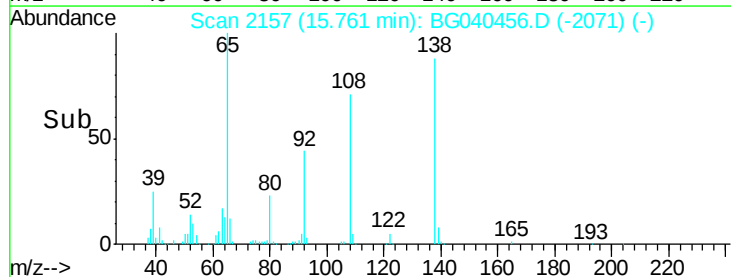
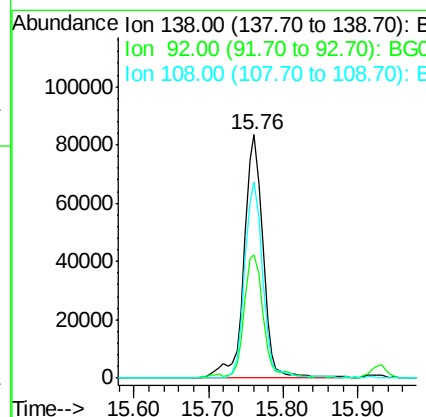
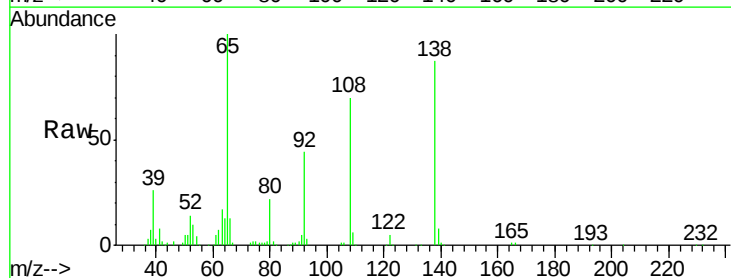
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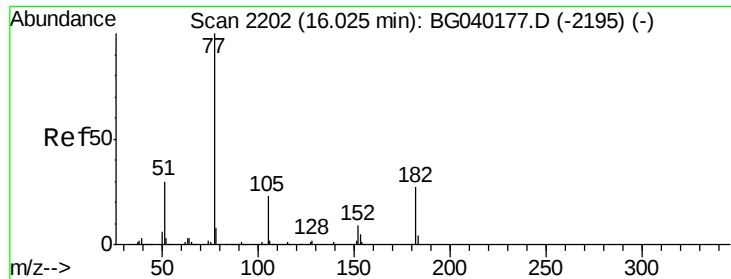
Sohil
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#62
 4-Nitroaniline
 Concen: 44.950 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.8	71.8
108	80.8	57.2	97.2





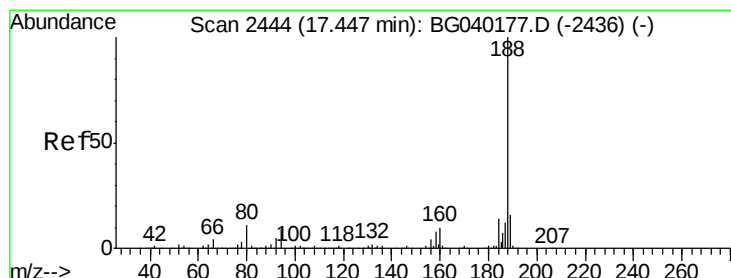
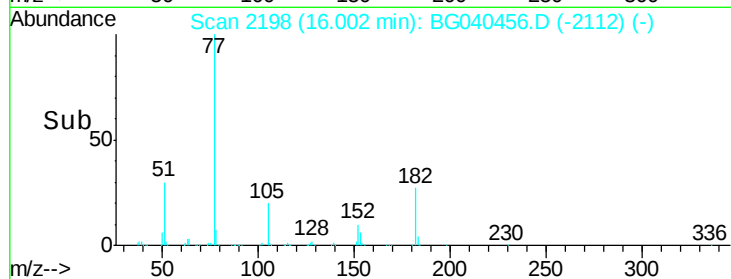
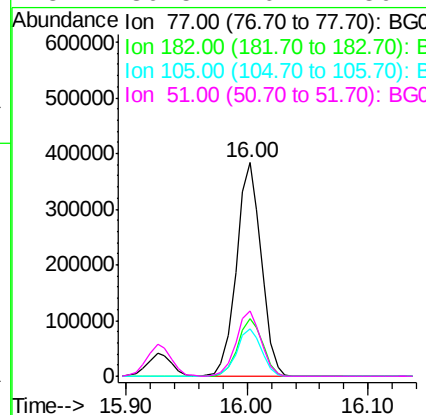
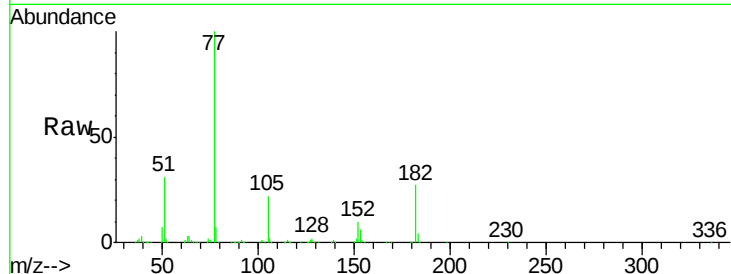
#63
Azobenzene
Concen: 43.780 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		545911		
182	27.2	7.2	47.2		
105	22.0	2.8	42.8		
51	30.5	10.4	50.4		

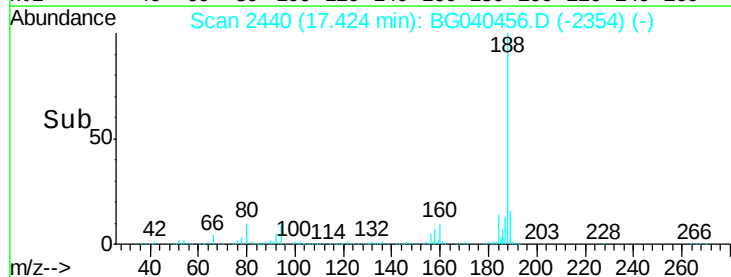
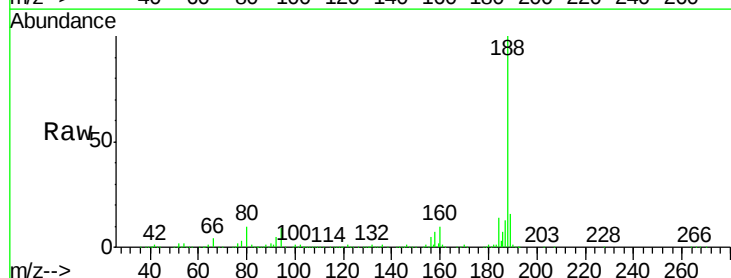
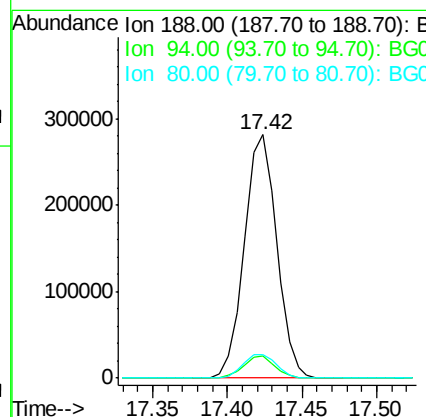
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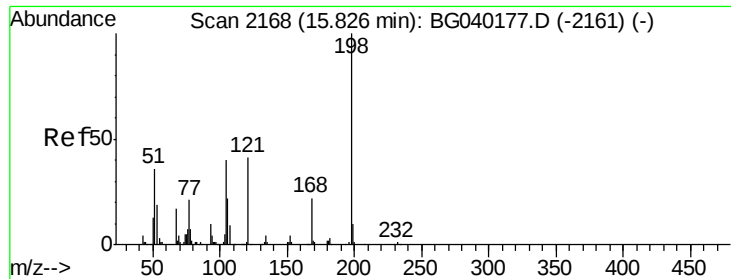
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		424050		
94	9.3	7.0	10.4		
80	9.7	8.6	13.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 42.501 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

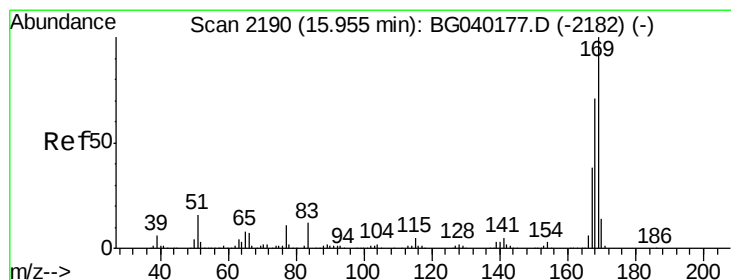
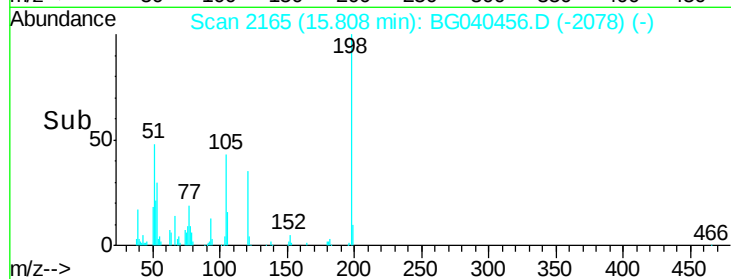
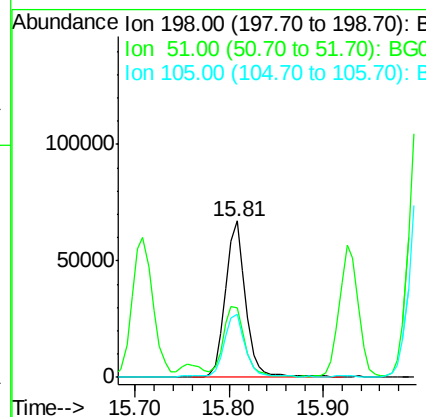
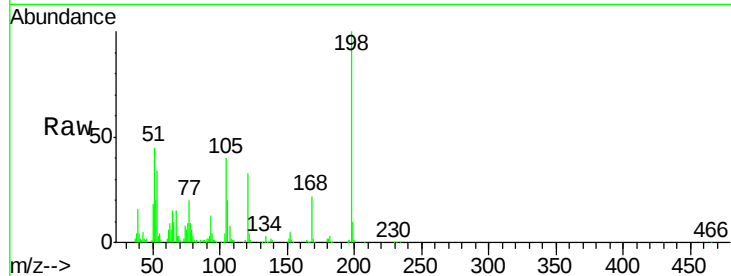
ClientSampled :

PB118819BSD

Tgt Ion:	198	Resp:	101254
Ion Ratio	Lower	Upper	
198	100		
51	44.8	27.3	67.3
105	40.3	21.7	61.7

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#66

n-Nitrosodiphenylamine

Concen: 41.520 ng

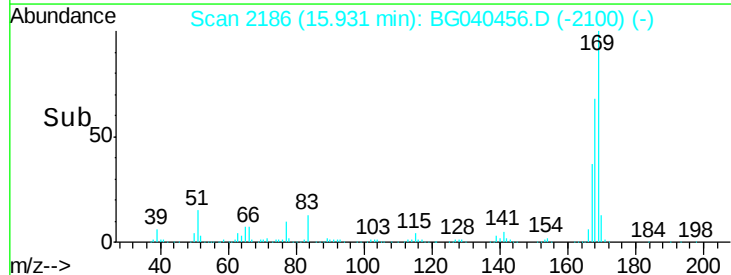
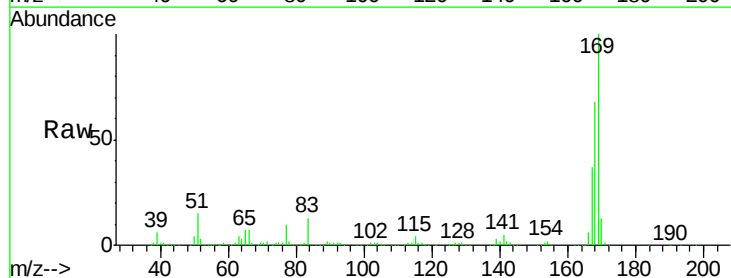
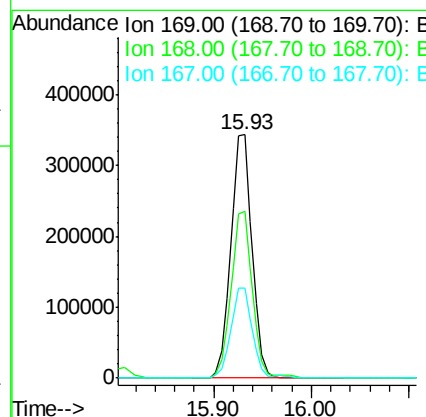
RT: 15.93 min Scan# 2186

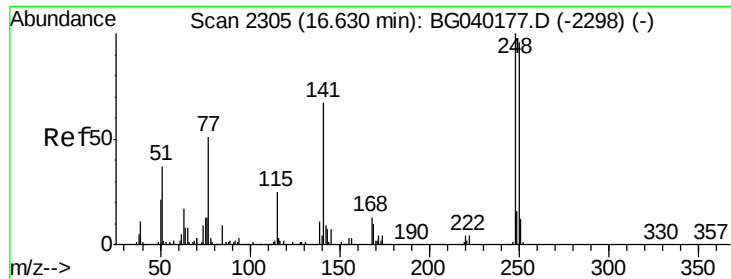
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	169	Resp:	515212
Ion Ratio	Lower	Upper	
169	100		
168	68.4	56.8	85.2
167	37.1	30.2	45.4





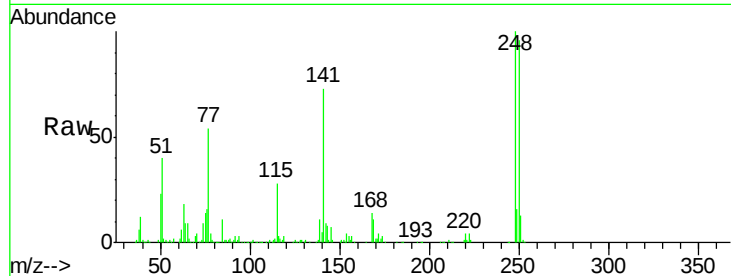
#67
4-Bromophenyl-phenylether
Concen: 40.247 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

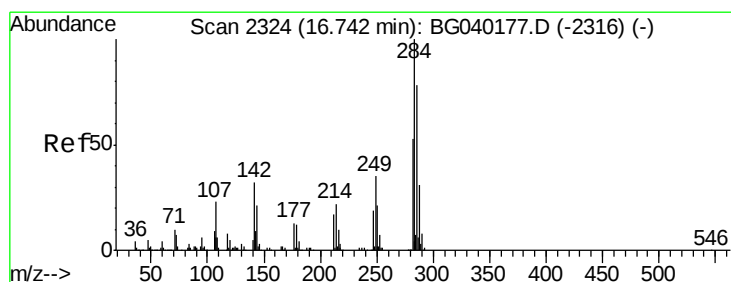
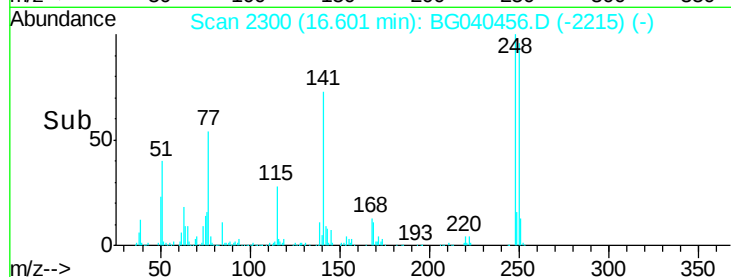
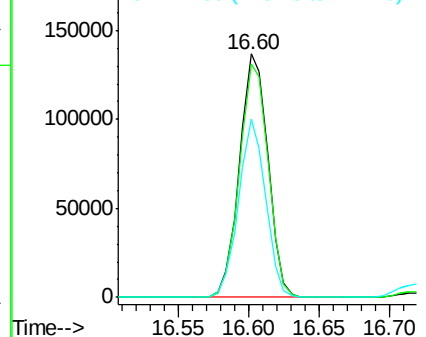
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	192061		
250	95.9	76.4	114.6	
141	73.1	53.8	80.8	

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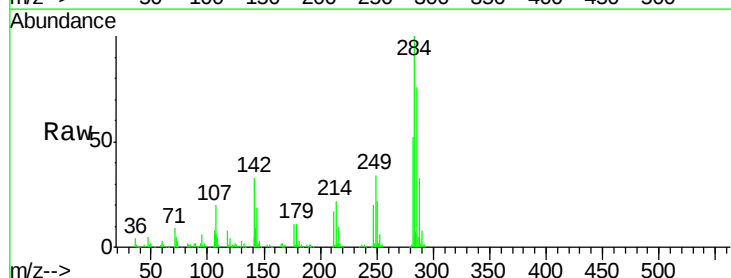


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

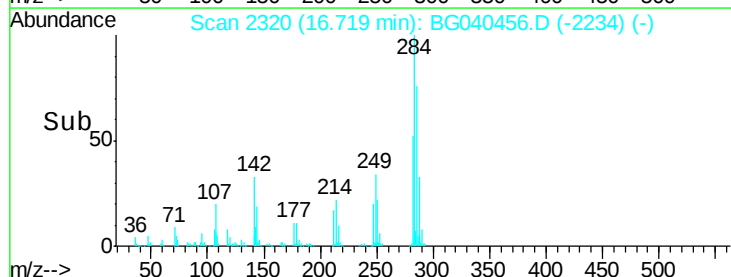
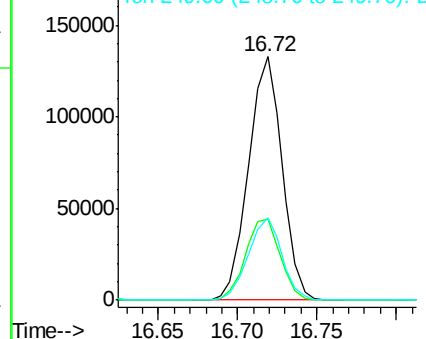


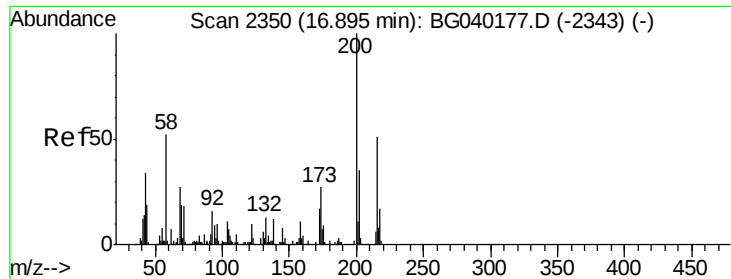
#68
Hexachlorobenzene
Concen: 40.733 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	195438		
142	33.1	25.3	37.9	
249	34.0	28.2	42.2	



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





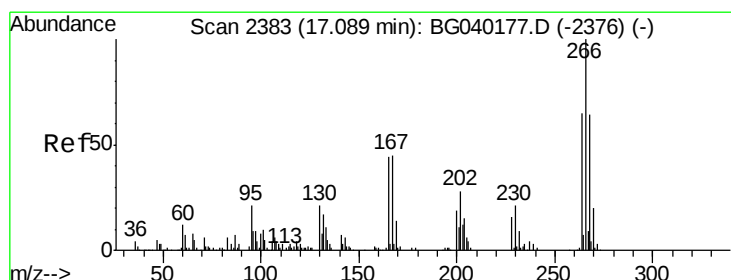
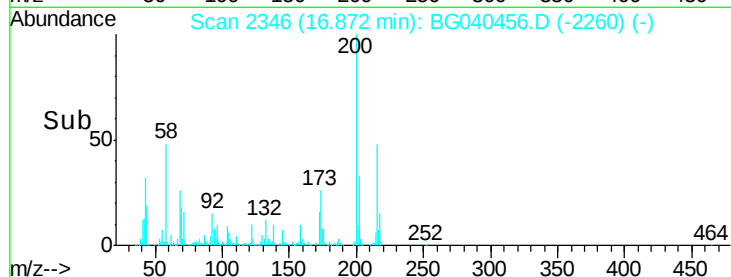
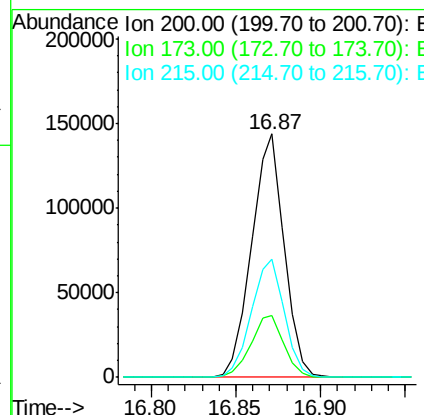
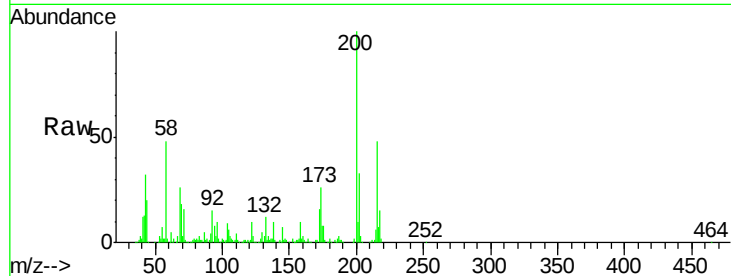
#69
Atrazine
Concen: 41.626 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	7.1	47.1
215	48.4	30.9	70.9

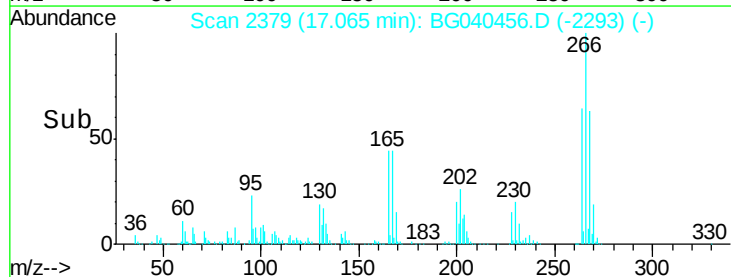
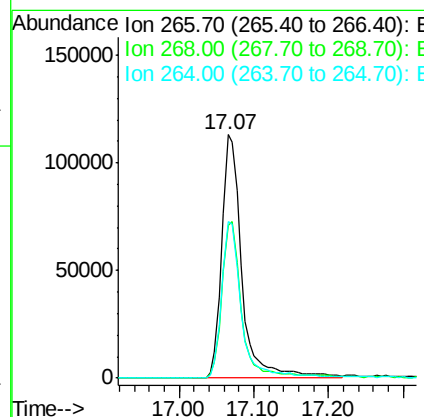
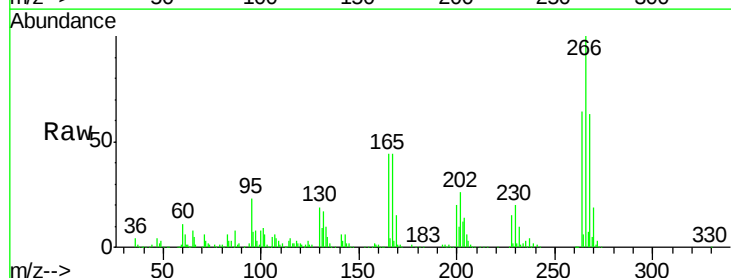
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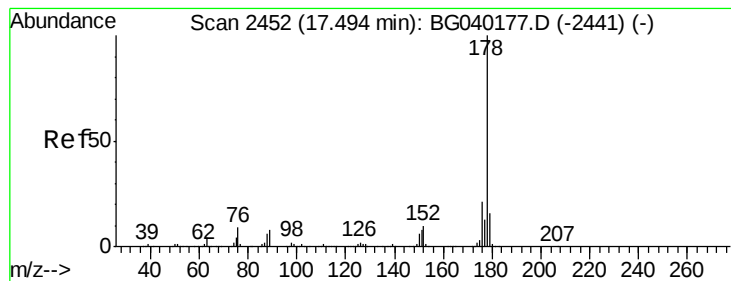
Sohil
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#70
Pentachlorophenol
Concen: 76.800 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.6	55.0	82.4
264	64.2	51.8	77.8





#71

Phenanthrene

Concen: 41.516 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

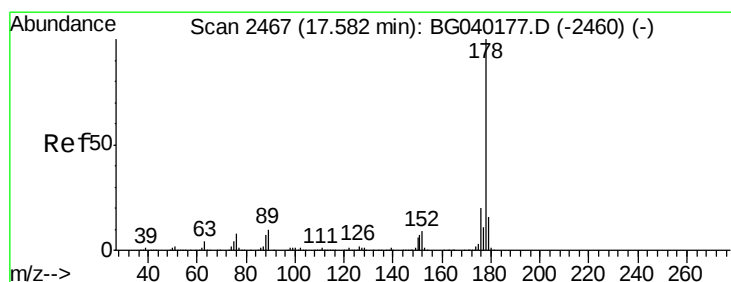
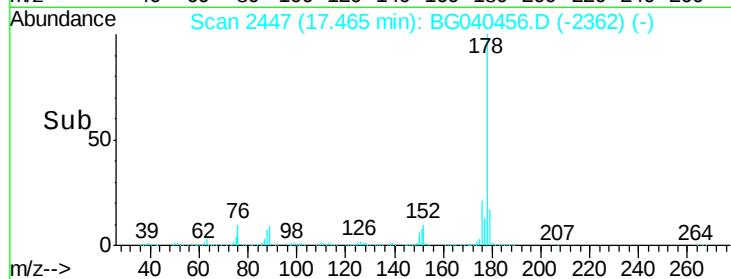
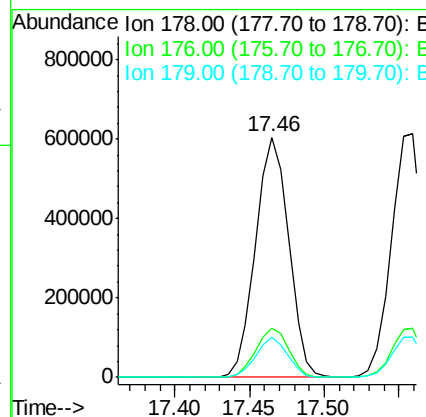
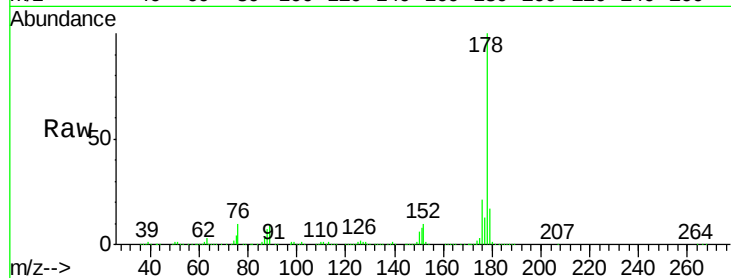
ClientSampleId :

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Tgt Ion:	178	Resp:	925337
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.7	25.1
179	16.9	12.8	19.2

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#72

Anthracene

Concen: 42.221 ng

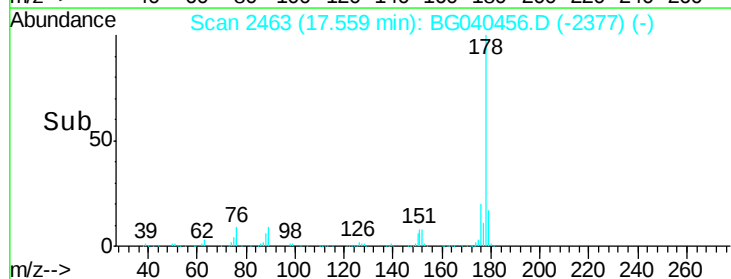
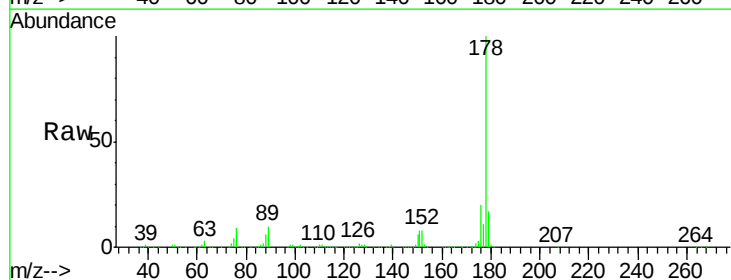
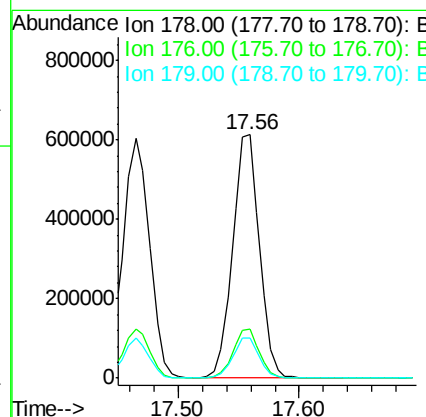
RT: 17.56 min Scan# 2463

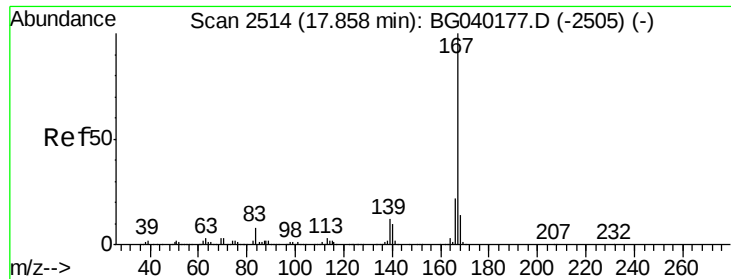
Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	178	Resp:	941917
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.9	23.9
179	16.6	12.9	19.3





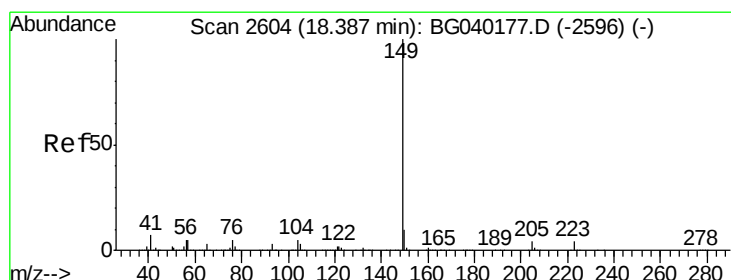
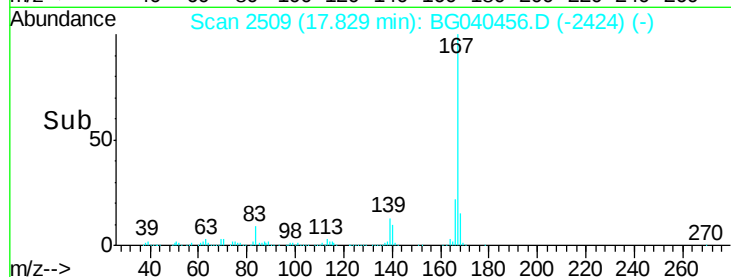
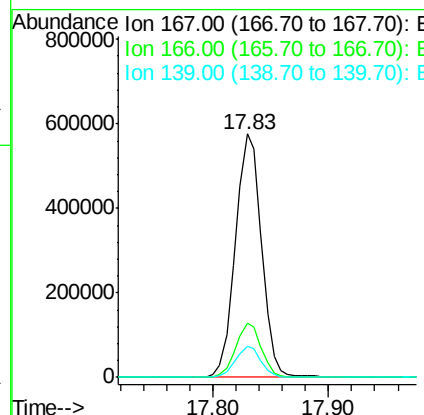
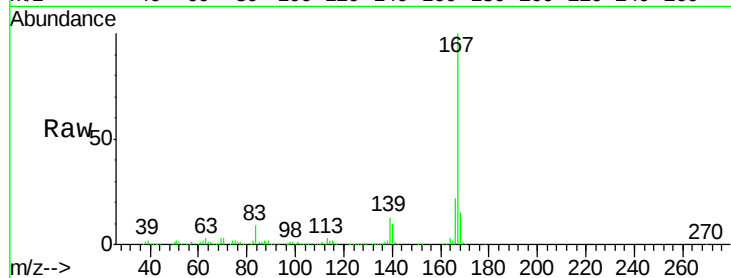
#73
 Carbazole
 Concen: 42.667 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	900847		
166	22.4	17.5	26.3	
139	12.5	10.0	15.0	

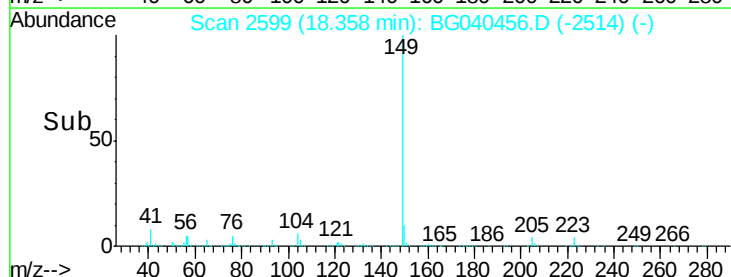
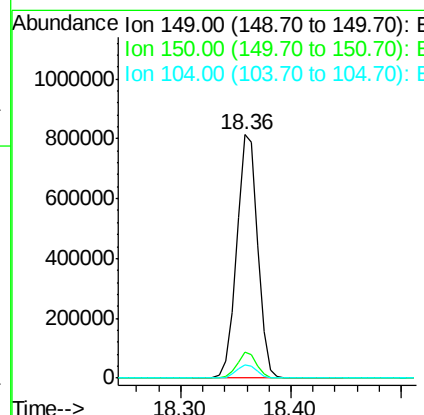
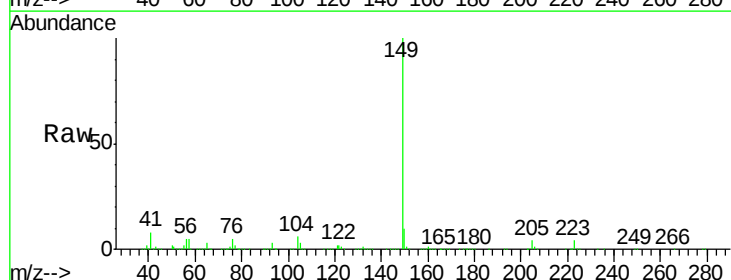
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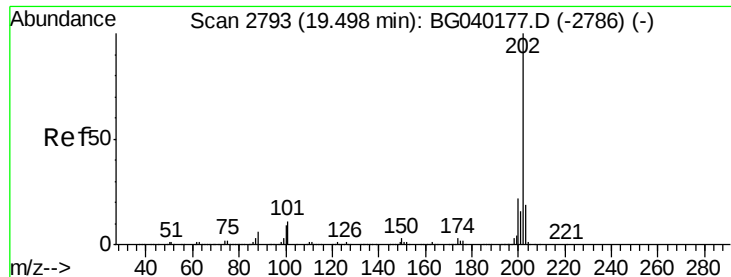
Sohil
 4/15/2019 12:30:02 AM



#74
 Di-n-butylphthalate
 Concen: 43.174 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1080491		
150	10.4	7.9	11.9	
104	5.5	4.1	6.1	





#75

Fluoranthene

Concen: 43.132 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

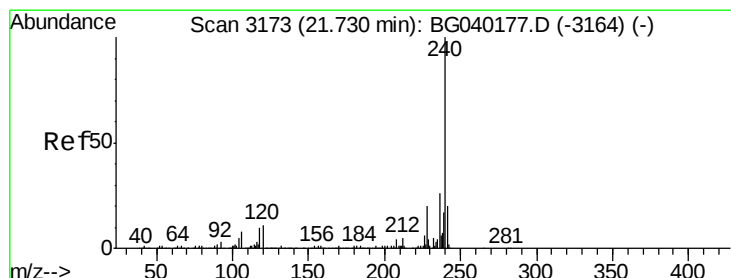
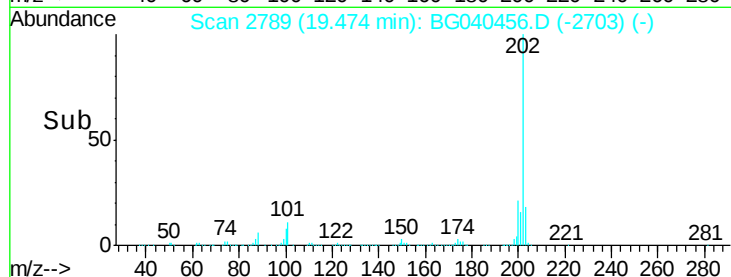
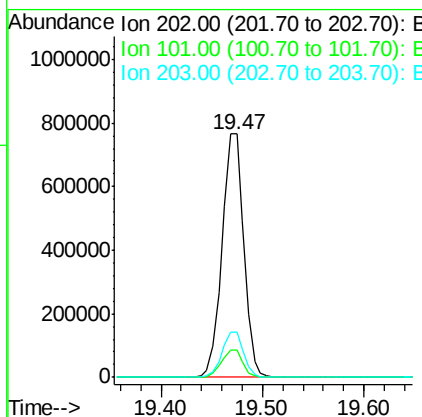
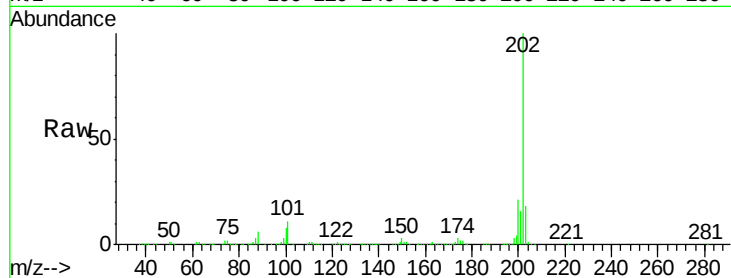
ClientSampleId :

PB118819BSD

Tgt Ion:	202	Resp:	1138363
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.8
203	18.5	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

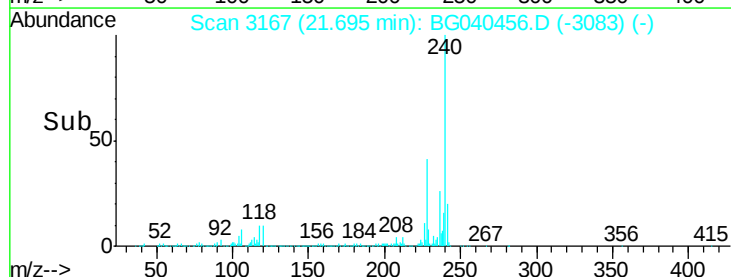
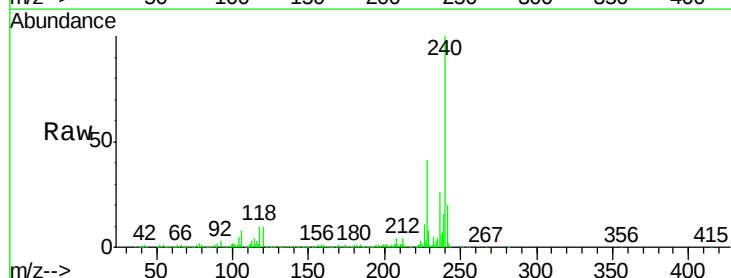
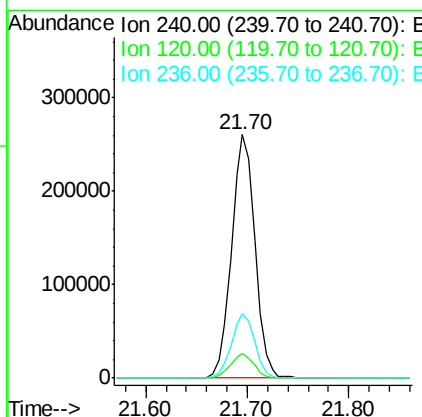
RT: 21.70 min Scan# 3167

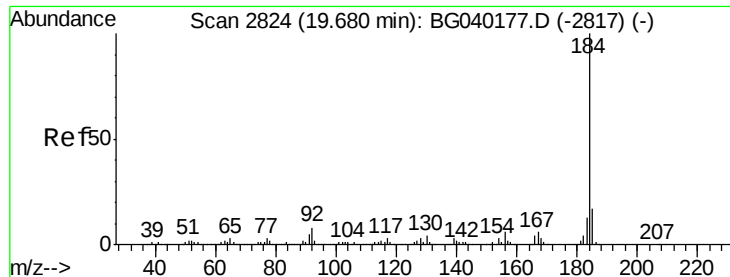
Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	240	Resp:	416250
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.5	20.8	31.2





#77

Benzidine

Concen: 27.474 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

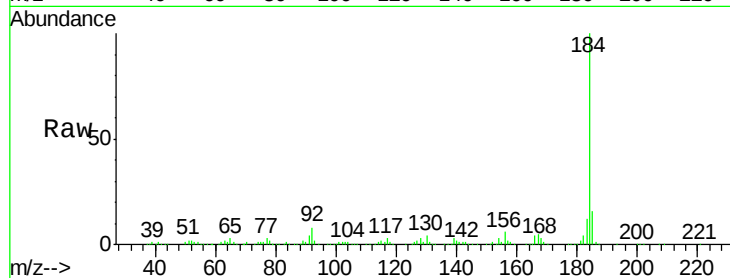
ClientSampleId :

PB118819BSD

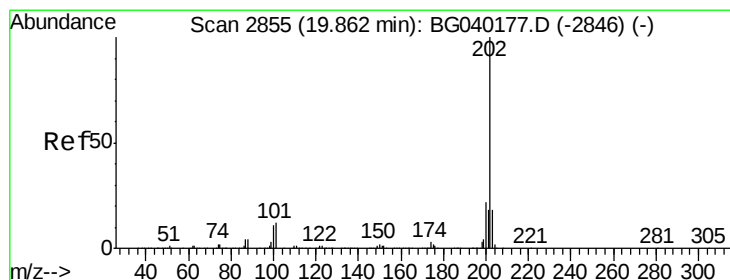
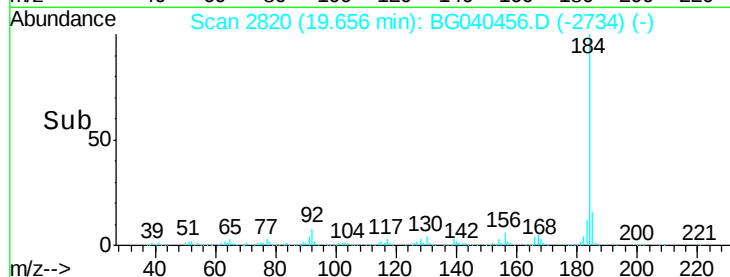
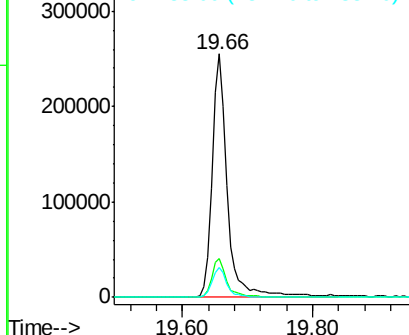
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	412974		
185	16.1		13.3	19.9
183	12.0		10.3	15.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.519 ng

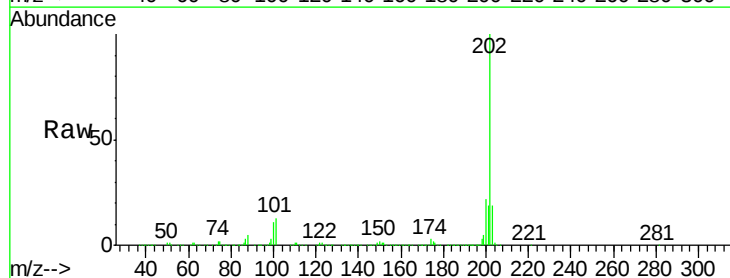
RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

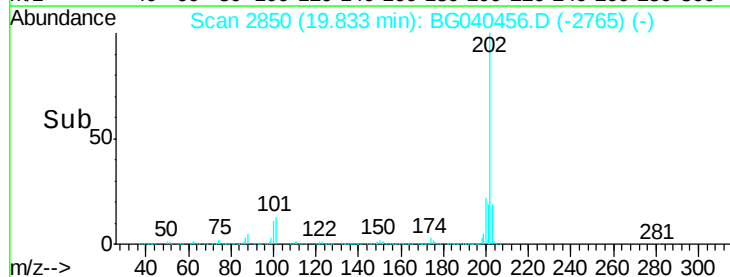
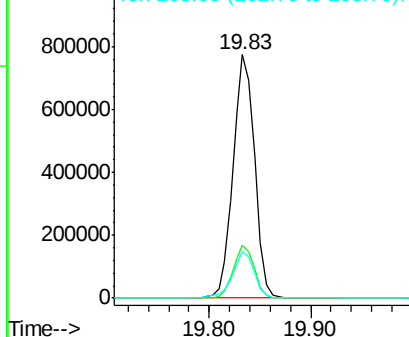
Lab File: BG040456.D

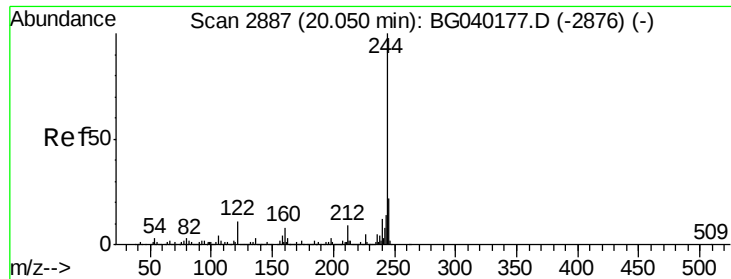
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1136493		
200	21.8		17.3	25.9
203	19.2		14.6	22.0



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





#79

Terphenyl-d14

Concen: 74.558 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

Tgt Ion:244 Resp: 1379542

Ion Ratio Lower Upper

244 100

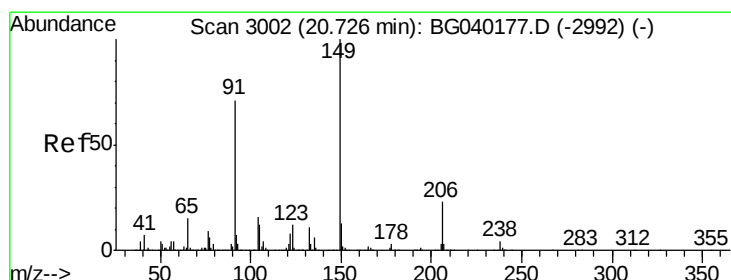
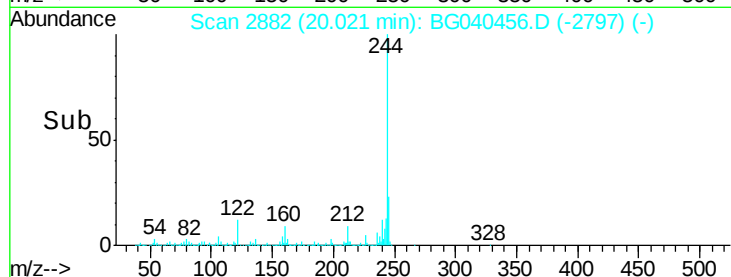
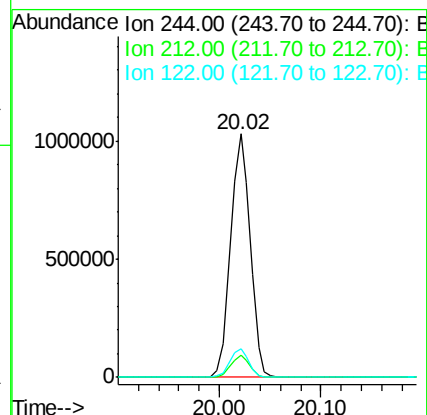
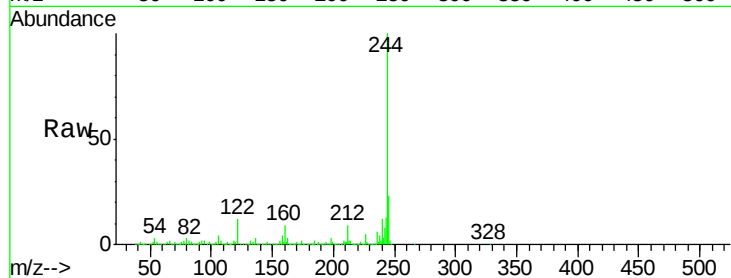
212 9.1 7.0 10.6

122 11.9 8.5 12.7

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#80

Butylbenzylphthalate

Concen: 44.099 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

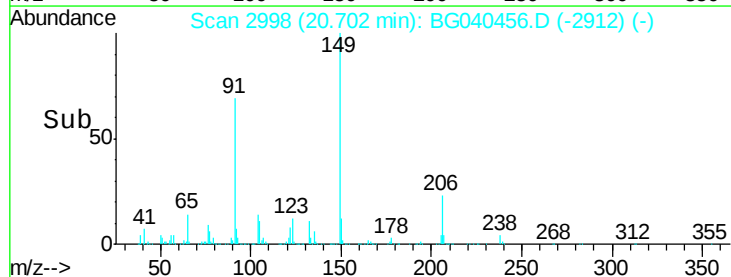
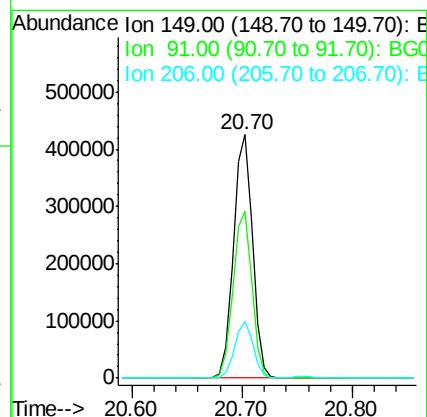
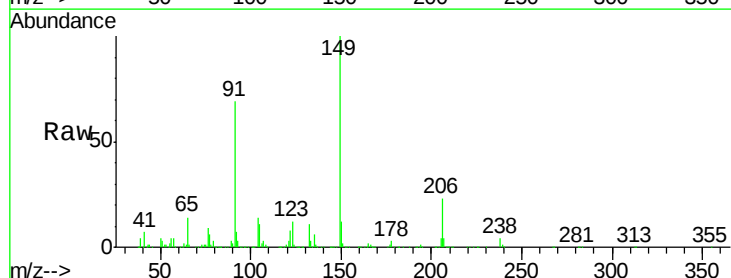
Tgt Ion:149 Resp: 516543

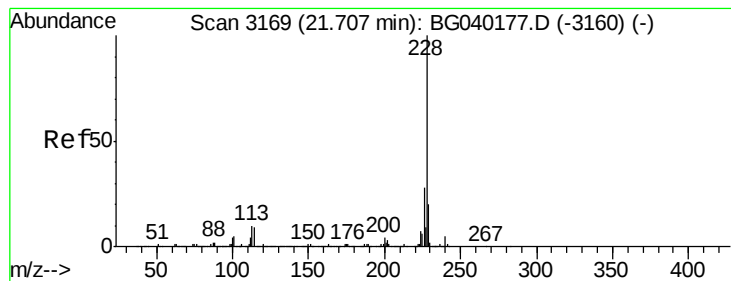
Ion Ratio Lower Upper

149 100

91 68.6 57.0 85.4

206 23.4 18.2 27.4





#81

Benzo(a)anthracene

Concen: 40.224 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

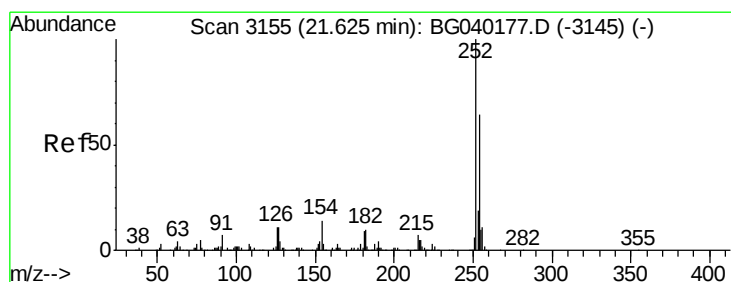
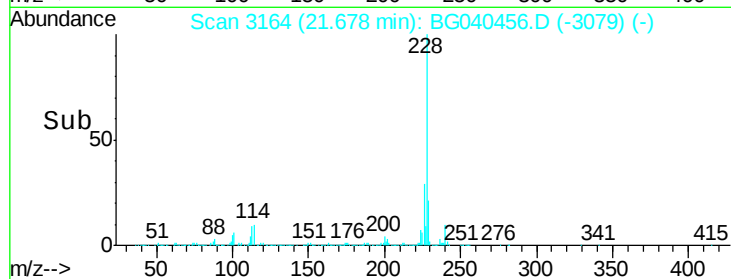
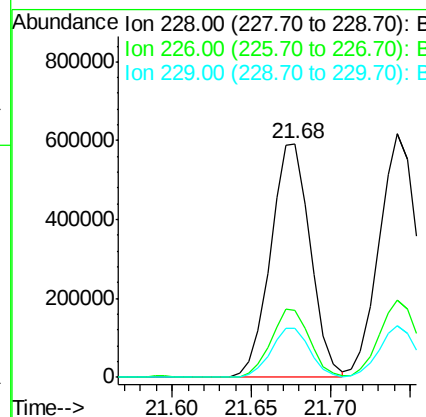
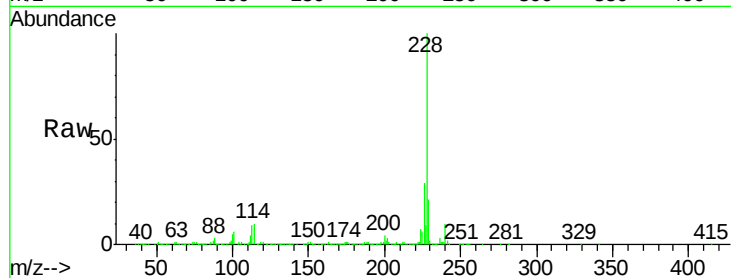
ClientSampleId :

PB118819BSD

Tgt Ion:	228	Resp:	1031294
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	20.9	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 31.579 ng

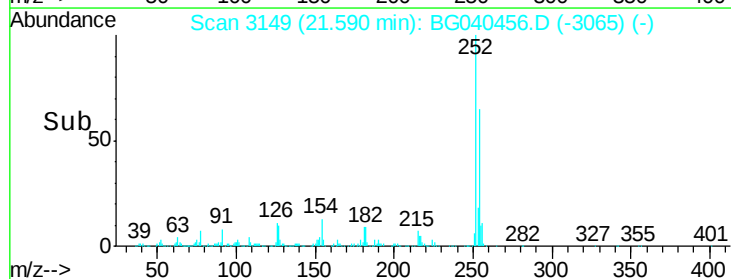
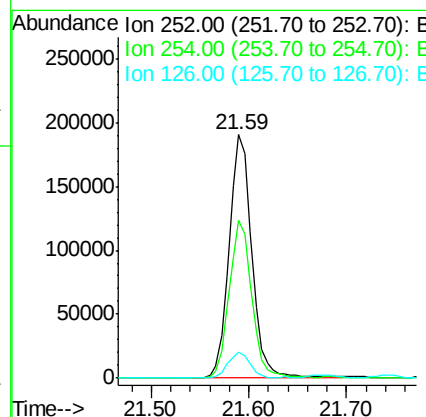
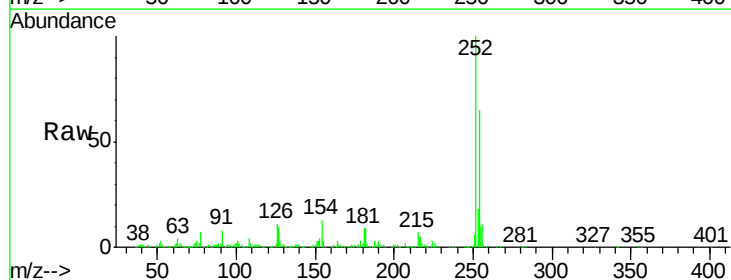
RT: 21.59 min Scan# 3149

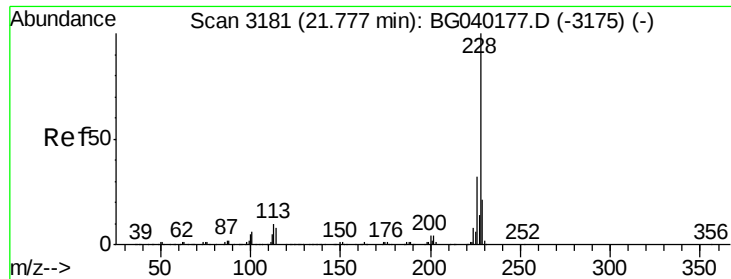
Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	252	Resp:	307996
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	10.5	8.5	12.7





#83

Chrysene

Concen: 41.923 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

PB118819BSD

Tgt Ion: 228 Resp: 1033004

Ion Ratio Lower Upper

228 100

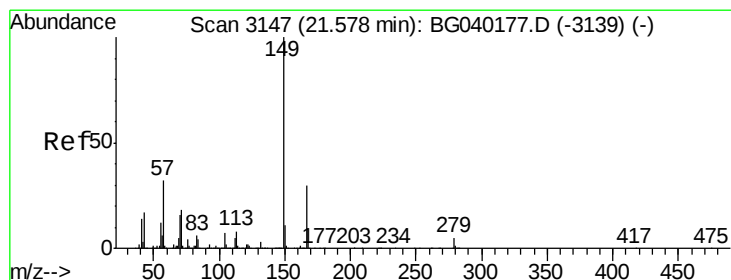
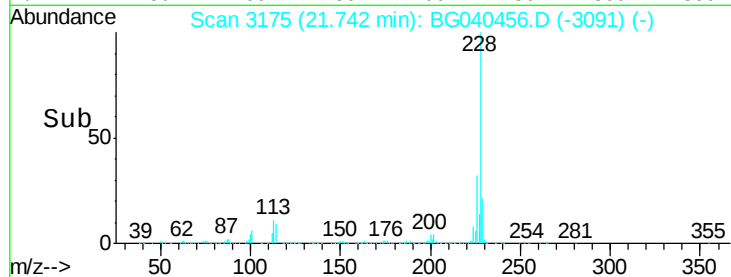
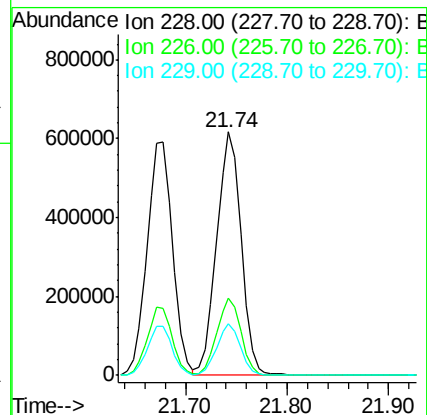
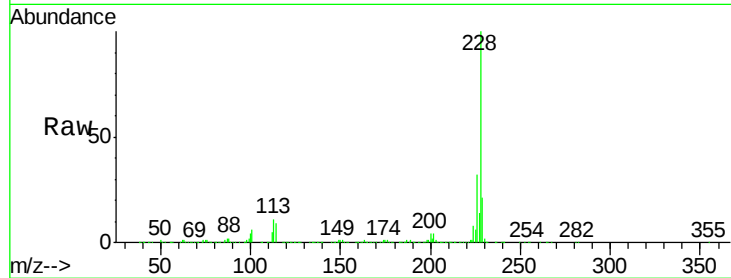
226 31.9 25.4 38.0

229 21.0 17.0 25.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.429 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

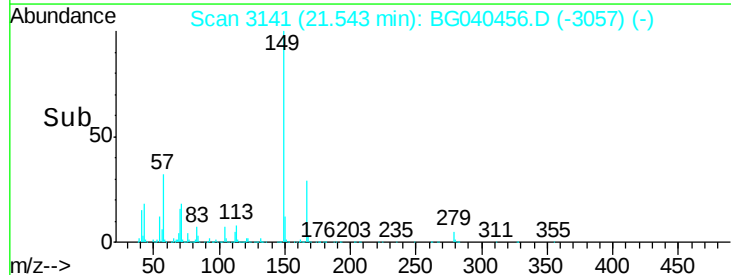
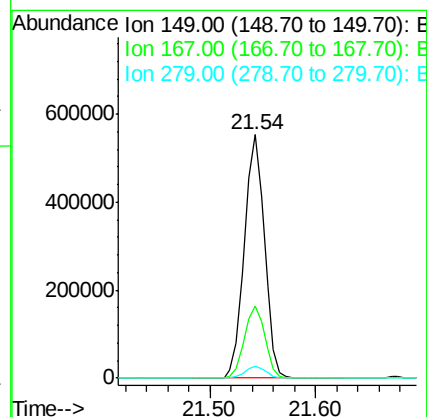
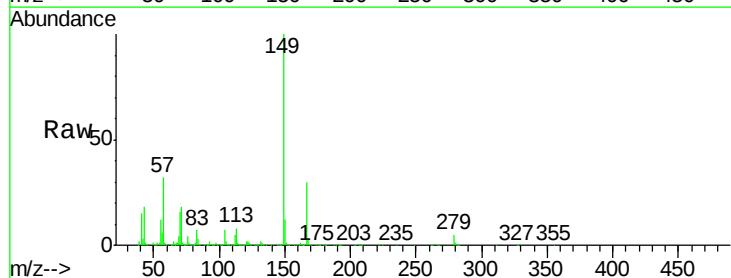
Tgt Ion: 149 Resp: 727161

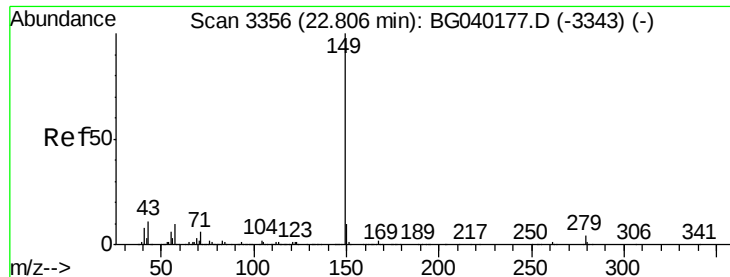
Ion Ratio Lower Upper

149 100

167 29.5 24.1 36.1

279 4.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 42.973 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

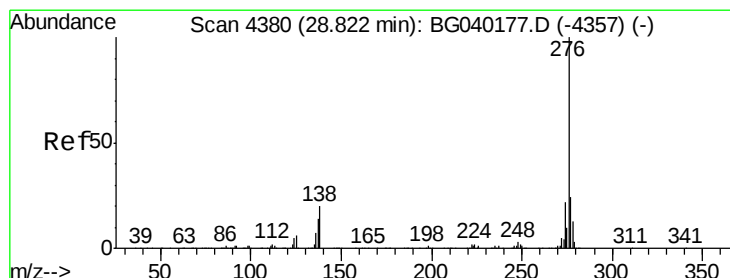
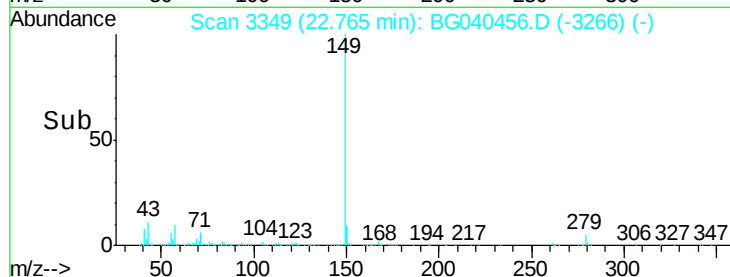
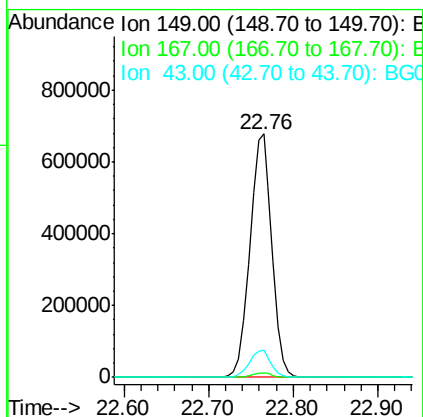
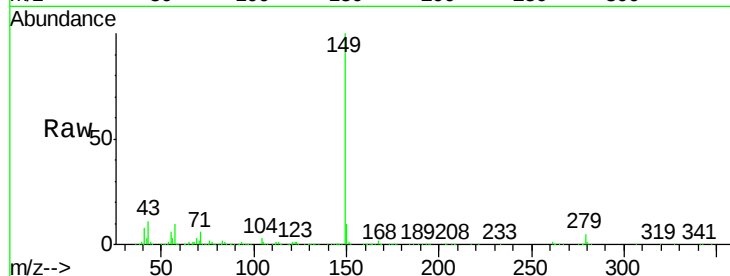
ClientSampleId :

PB118819BSD

Tgt Ion:	149	Resp:	1225898
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.8	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.955 ng

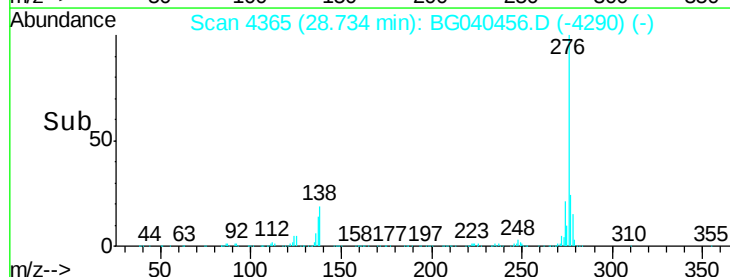
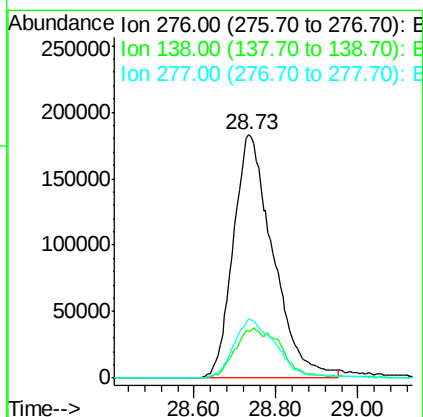
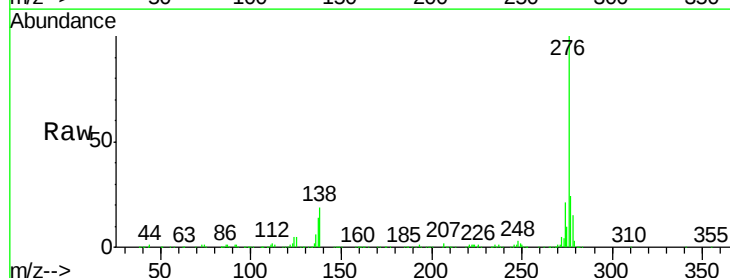
RT: 28.73 min Scan# 4365

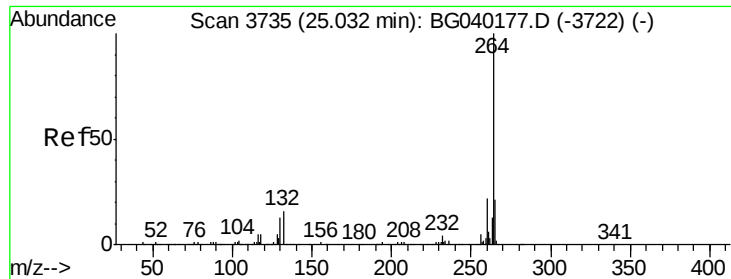
Delta R.T. -0.09 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	276	Resp:	1234247
Ion Ratio	Lower	Upper	
276	100		
138	14.0	18.8	28.2#
277	25.3	21.0	31.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

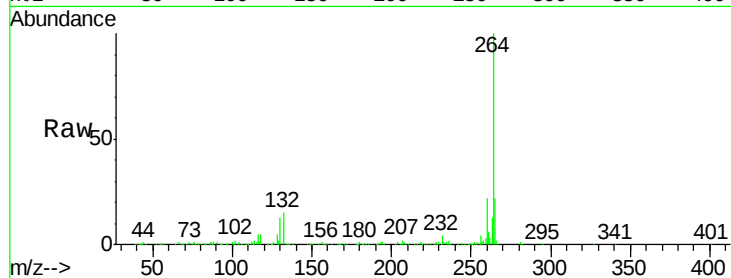
ClientSampleId :

PB118819BSD

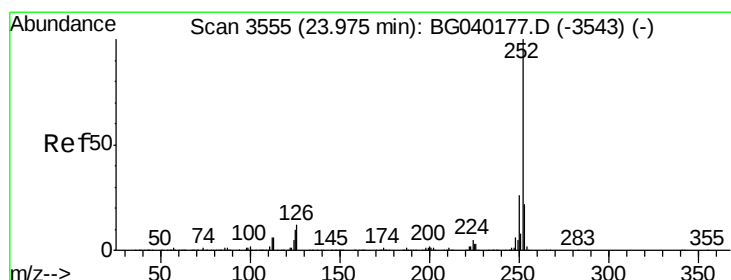
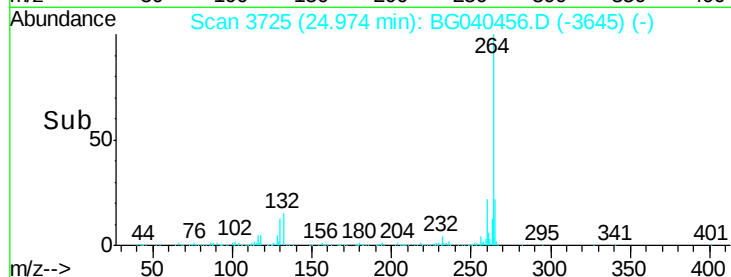
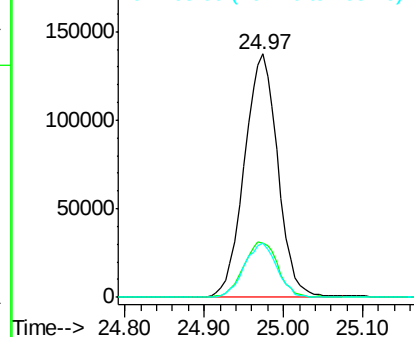
Tgt Ion:	264	Resp:	402139
Ion Ratio		Lower	Upper
264	100		
260	22.4	17.9	26.9
265	22.4	16.8	25.2

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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: 44.664 ng

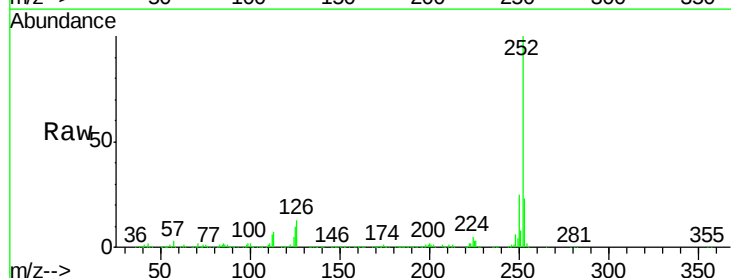
RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

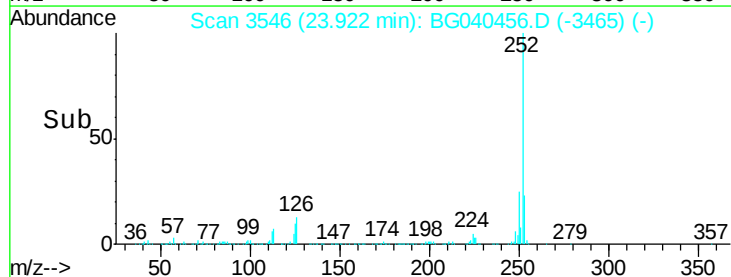
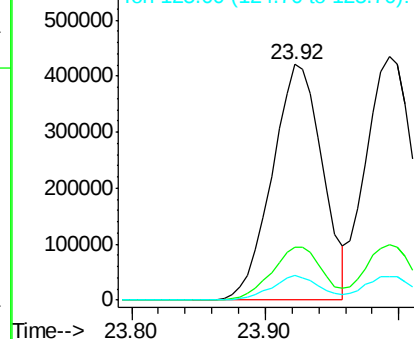
Lab File: BG040456.D

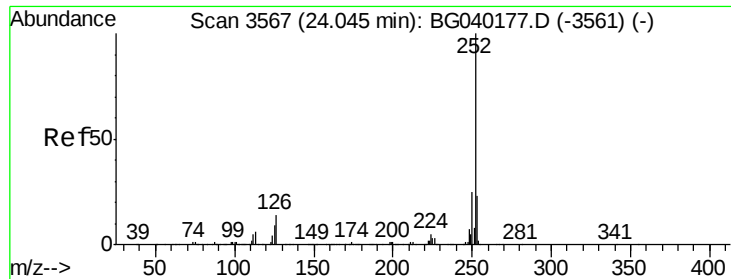
Acq: 12 Apr 2019 11:27

Tgt Ion:	252	Resp:	1099662
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.5	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





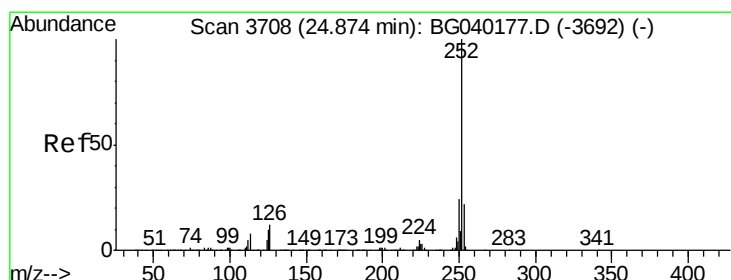
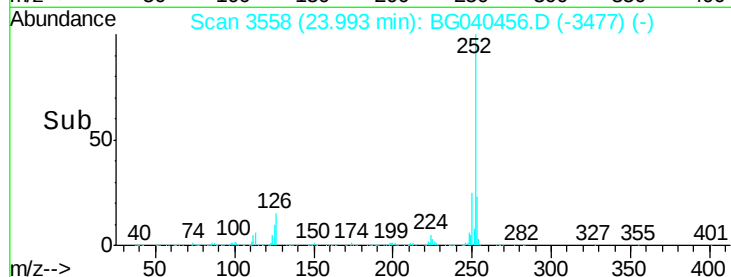
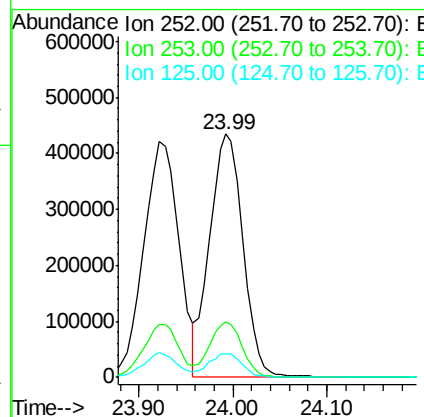
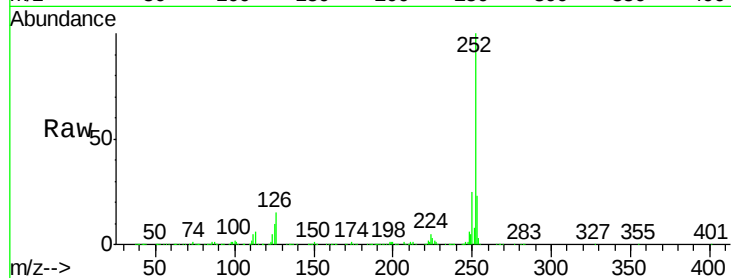
#89
Benzo(k)fluoranthene
Concen: 47.398 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion: 252 Resp: 1073153
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 9.6 7.3 10.9

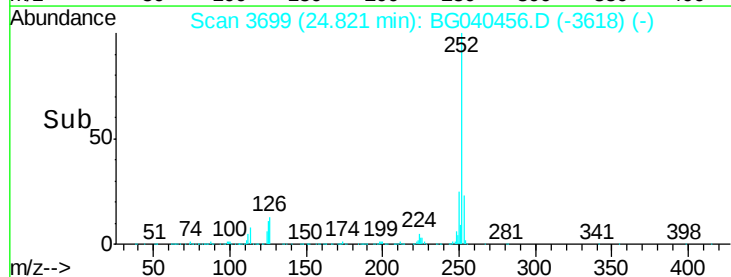
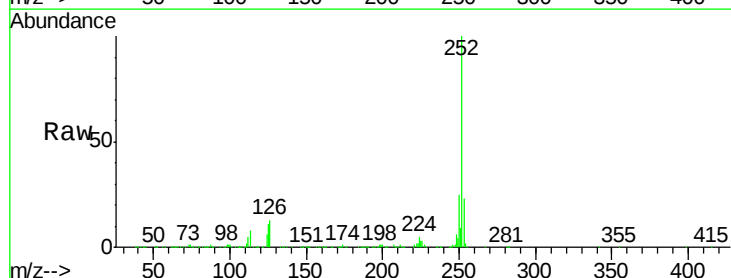
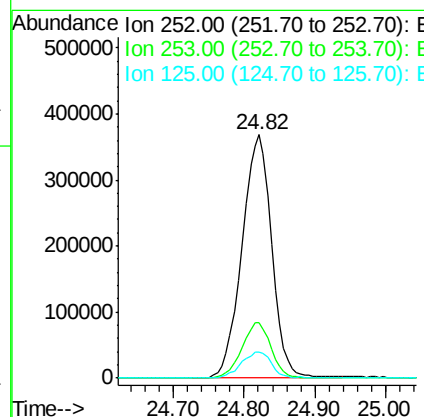
Manual Integrations
APPROVED

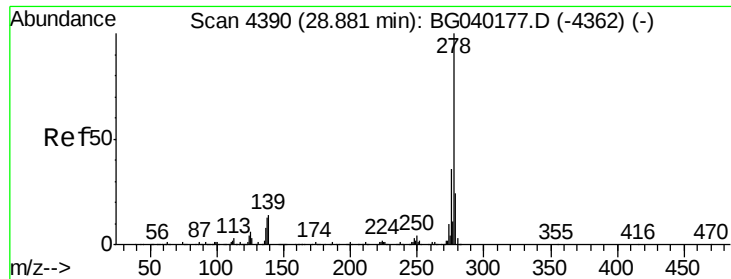
Sohil
4/15/2019 12:30:02 AM



#90
Benzo(a)pyrene
Concen: 46.724 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion: 252 Resp: 1079354
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.7 8.3 12.5





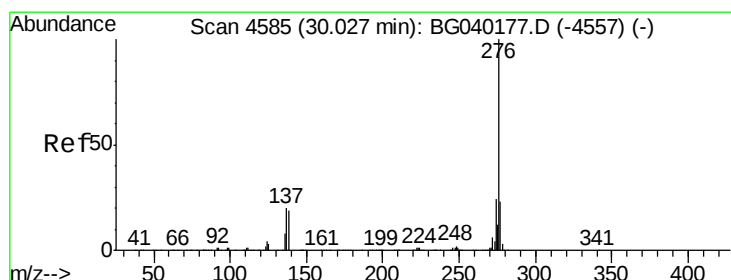
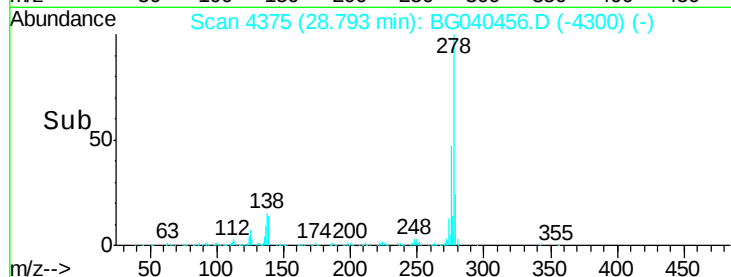
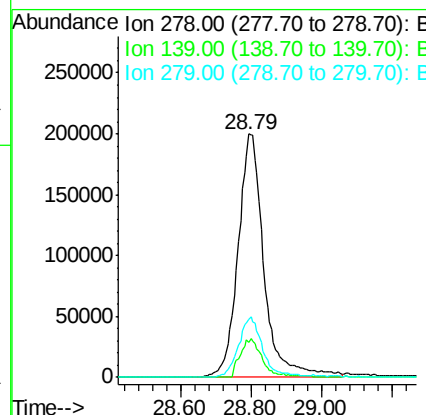
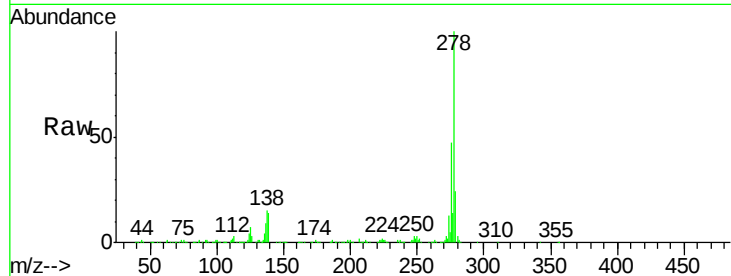
#91
Dibenzo(a,h)anthracene
Concen: 47.791 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :
PB118819BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.2	16.8
279	24.0	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/15/2019 12:30:02 AM



#92
Benzo(g,h,i)perylene
Concen: 46.136 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.10 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	20.7	15.2	22.8

