

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040455.D
 Acq On : 12 Apr 2019 10:48
 Operator : JU/SJ
 Sample : PB118819BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Manual Integrations
 APPROVED

Sohil
 4/15/2019 12:30:04 AM

Quant Time: Apr 12 23:49:35 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	64633	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	274400	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	175884	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	443438	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	445818	20.00	ng	-0.03
87) Perylene-d12	24.97	264	432454	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	533528	137.23	ng	-0.02
7) Phenol-d6	7.21	99	721239	134.23	ng	-0.02
23) Nitrobenzene-d5	9.22	82	387092	74.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	270218	142.16	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	878915	74.05	ng	-0.02
79) Terphenyl-d14	20.02	244	1418908	71.60	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	90133	49.303	ng	100
3) Pyridine	3.89	79	153792	31.245	ng	96
4) n-Nitrosodimethylamine	3.82	42	87986	38.644	ng	# 86
6) Aniline	7.37	93	221892	31.786	ng	99
8) 2-Chlorophenol	7.61	128	196652	43.209	ng	94
9) Benzaldehyde	7.19	77	68080	18.471	ng	95
10) Phenol	7.23	94	253464	43.460	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	187901	40.226	ng	98
12) 1,3-Dichlorobenzene	7.93	146	199399	40.304	ng	97
13) 1,4-Dichlorobenzene	8.08	146	203727	41.345	ng	96
14) 1,2-Dichlorobenzene	8.40	146	193178	40.996	ng	98
15) Benzyl Alcohol	8.29	79	174871	40.412	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	358444	39.983	ng	98
17) 2-Methylphenol	8.48	107	179824	44.559	ng	97
18) Hexachloroethane	9.12	117	72791	38.836	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	149655	38.847	ng	99
20) 3+4-Methylphenols	8.81	107	239446	43.797	ng	98
22) Acetophenone	8.88	105	291192	42.542	ng	# 97
24) Nitrobenzene	9.26	77	222746	41.667	ng	98
25) Isophorone	9.77	82	431687	40.641	ng	99
26) 2-Nitrophenol	9.97	139	108650	42.893	ng	97
27) 2,4-Dimethylphenol	10.02	122	197949	49.197	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	253001	40.259	ng	98
29) 2,4-Dichlorophenol	10.51	162	197870	45.307	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	199903	41.685	ng	98
31) Naphthalene	10.91	128	592233	42.107	ng	99
32) Benzoic acid	10.17	122	72281	29.733	ng	97
33) 4-Chloroaniline	11.03	127	169324	28.223	ng	99
34) Hexachlorobutadiene	11.17	225	121924	39.754	ng	94
35) Caprolactam	11.82	113	75130m	43.349	ng	
36) 4-Chloro-3-methylphenol	12.14	107	222981	44.411	ng	98
37) 2-Methylnaphthalene	12.51	142	445231	42.801	ng	98
38) 1-Methylnaphthalene	12.72	142	421846	41.821	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	225608	40.358	ng	99

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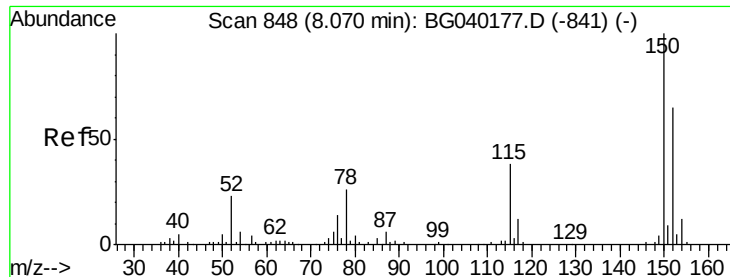
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	253725	82.662	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	162285	45.027	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	179433	45.675	ng	98
46) 1,1'-Biphenyl	13.51	154	572334	41.184	ng	99
47) 2-Chloronaphthalene	13.56	162	451155	42.322	ng	99
48) 2-Nitroaniline	13.78	65	160241	44.565	ng	96
49) Acenaphthylene	14.40	152	740718	40.983	ng	99
50) Dimethylphthalate	14.13	163	599793	43.573	ng	98
51) 2,6-Dinitrotoluene	14.26	165	136868	44.282	ng	98
52) Acenaphthene	14.74	154	431773	41.691	ng	97
53) 3-Nitroaniline	14.60	138	108351	33.117	ng	92
54) 2,4-Dinitrophenol	14.80	184	138007	83.958	ng	93
55) Dibenzofuran	15.07	168	725525	43.597	ng	99
56) 4-Nitrophenol	14.90	139	221775	83.988	ng	98
57) 2,4-Dinitrotoluene	15.04	165	196280	45.703	ng	98
58) Fluorene	15.72	166	565914	43.253	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	169931	47.668	ng	99
60) Diethylphthalate	15.48	149	630150	44.736	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	305916	43.742	ng	98
62) 4-Nitroaniline	15.76	138	154081	43.884	ng	98
63) Azobenzene	16.00	77	576436	43.384	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	108713	43.637	ng	96
66) n-Nitrosodiphenylamine	15.93	169	539524	41.578	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	201442	40.367	ng	98
68) Hexachlorobenzene	16.72	284	206900	41.236	ng	98
69) Atrazine	16.87	200	201290	41.700	ng	97
70) Pentachlorophenol	17.07	266	224250	77.307	ng	97
71) Phenanthrene	17.47	178	975313	41.845	ng	98
72) Anthracene	17.56	178	997537	42.759	ng	100
73) Carbazole	17.83	167	936867	42.433	ng	99
74) Di-n-butylphthalate	18.36	149	1107818	42.330	ng	99
75) Fluoranthene	19.47	202	1188694	43.069	ng	100
77) Benzidine	19.66	184	435198	27.033	ng	97
78) Pyrene	19.83	202	1159888	39.563	ng	97
80) Butylbenzylphthalate	20.70	149	535428	42.679	ng	97
81) Benzo(a)anthracene	21.68	228	1079134	39.298	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	331955	31.778	ng	99
83) Chrysene	21.74	228	1075631	40.758	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	754599	42.078	ng	99
85) Di-n-octyl phthalate	22.77	149	1282004	41.959	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1313430	40.692	ng	# 89
88) Benzo(b)fluoranthene	23.93	252	1151483	43.491	ng	98
89) Benzo(k)fluoranthene	24.00	252	1138119	46.744	ng	99
90) Benzo(a)pyrene	24.82	252	1147098	46.176	ng	98
91) Dibenzo(a,h)anthracene	28.80	278	1057418	45.831	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1068504	45.063	ng	98

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



#1

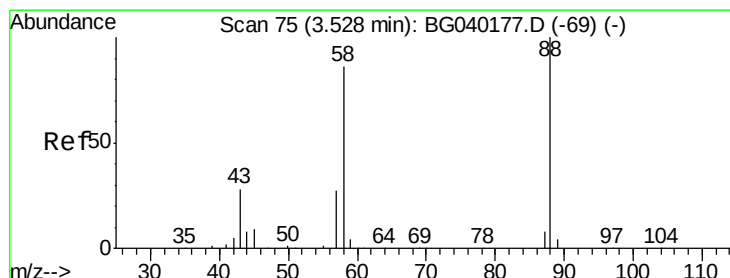
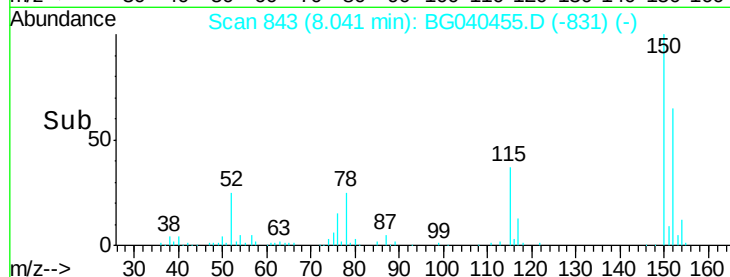
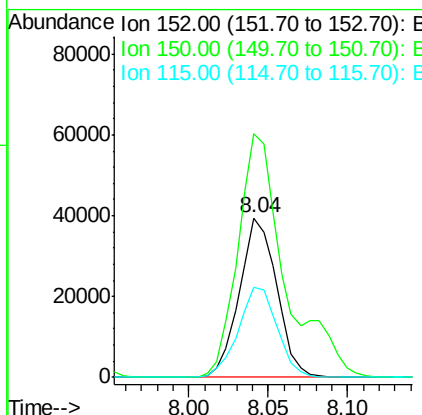
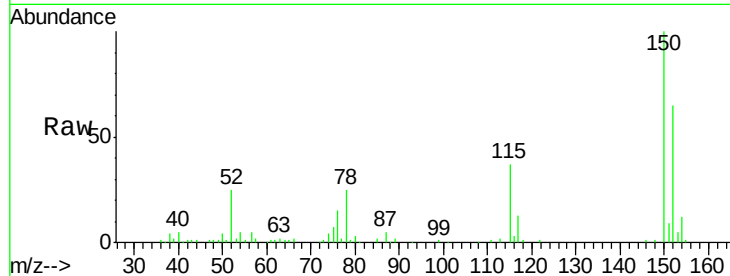
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.7	185.5
115	56.8	46.9	70.3

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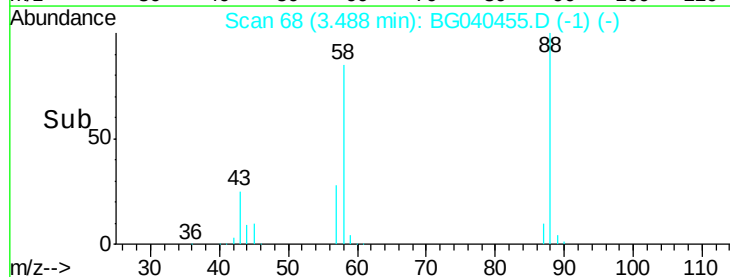
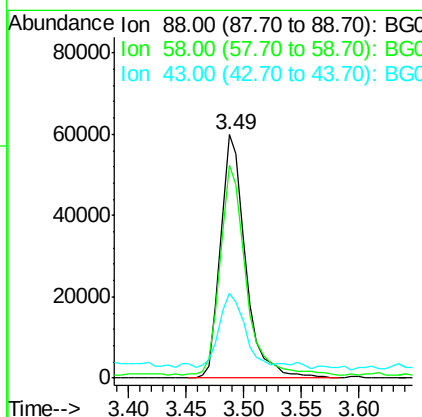
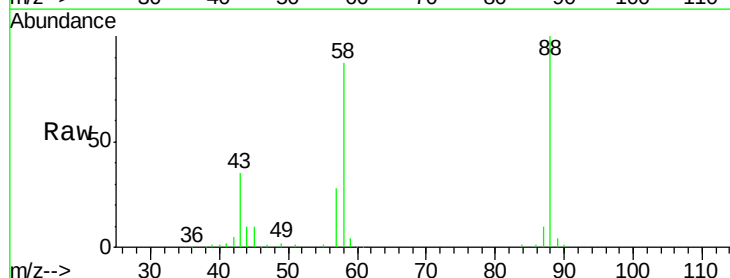
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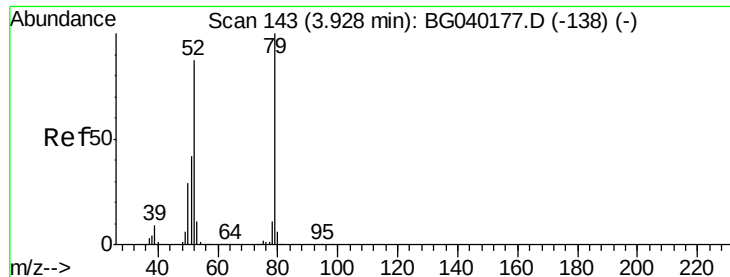


#2

1,4-Dioxane
Concen: 49.303 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.6	106.0
43	30.3	24.8	37.2





#3

Pyridine

Concen: 31.245 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

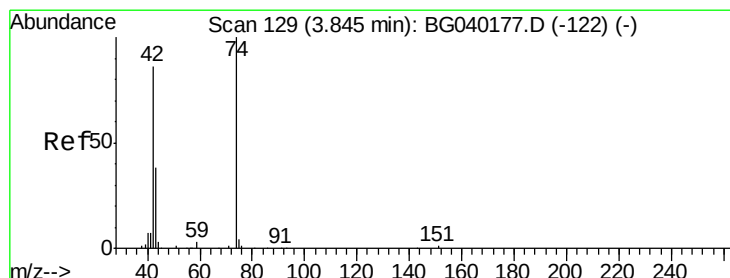
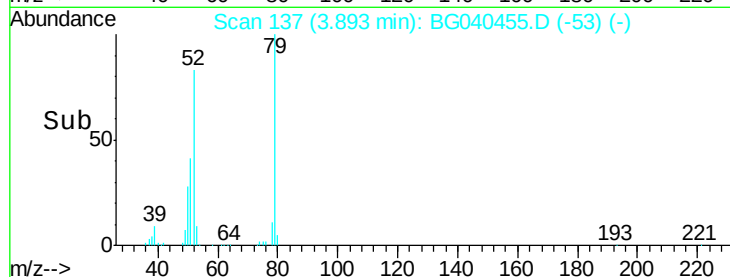
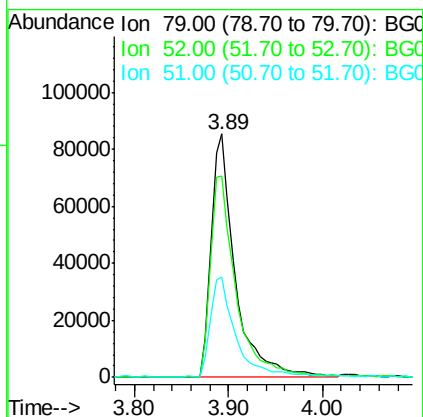
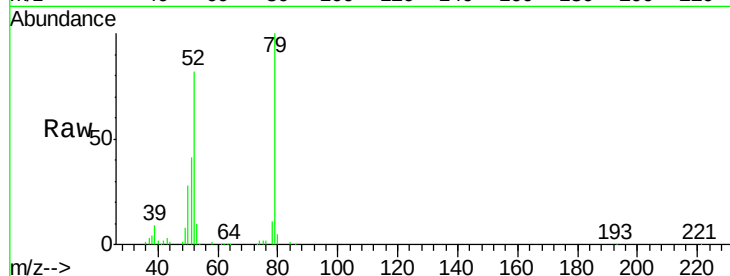
ClientSampled :

PB118819BS

Tgt Ion:	79	Resp:	153792
Ion Ratio	Lower	Upper	
79	100		
52	82.5	69.8	104.8
51	41.1	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.644 ng

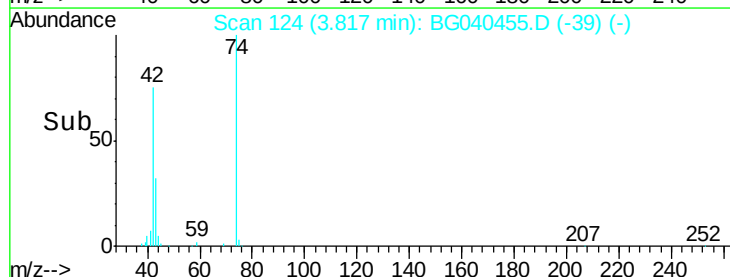
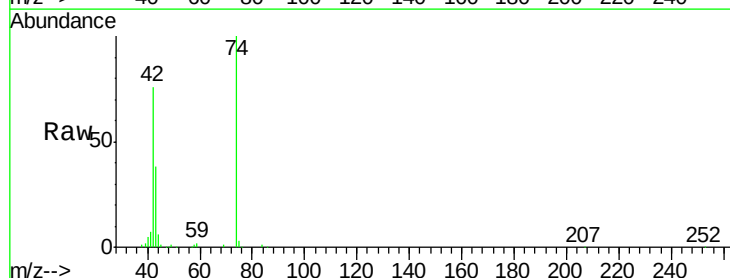
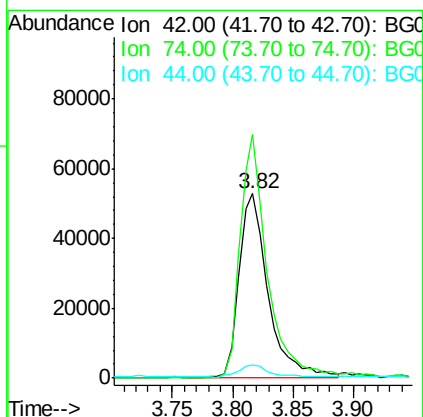
RT: 3.82 min Scan# 124

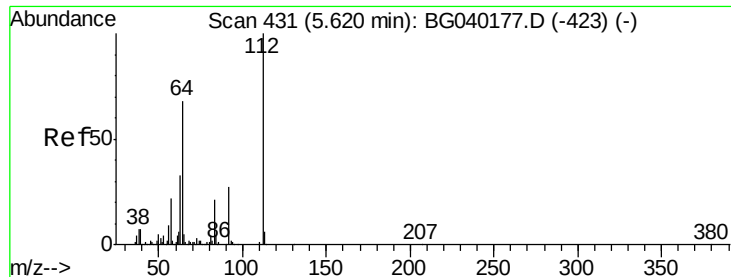
Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	42	Resp:	87986
Ion Ratio	Lower	Upper	
42	100		
74	132.1	92.9	139.3
44	7.4	9.7	14.5#





#5

2-Fluorophenol

Concen: 137.228 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

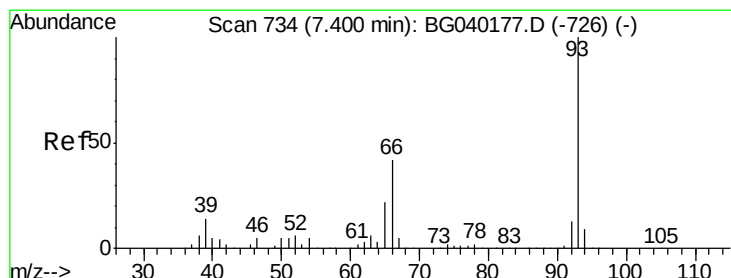
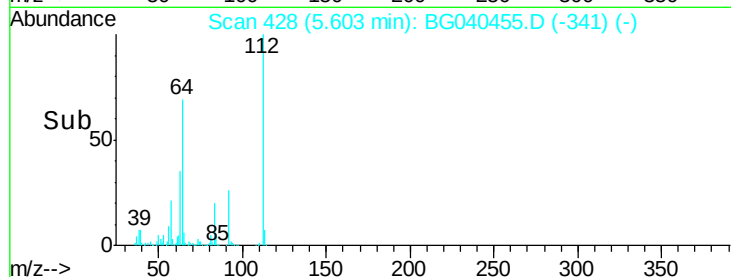
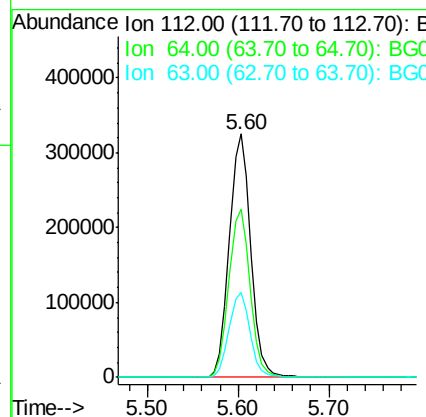
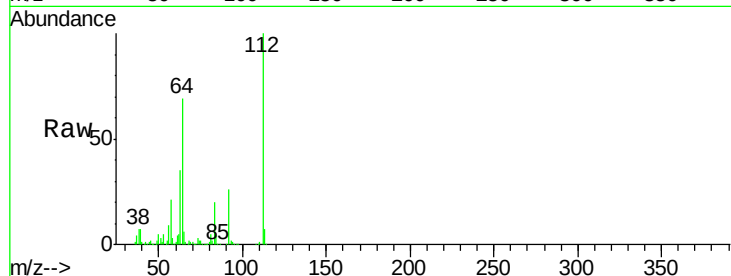
ClientSampleId :

PB118819BS

Tgt Ion:	112	Resp:	533528
Ion Ratio	Lower	Upper	
112	100		
64	69.2	54.2	81.2
63	34.6	26.4	39.6

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#6

Aniline

Concen: 31.786 ng

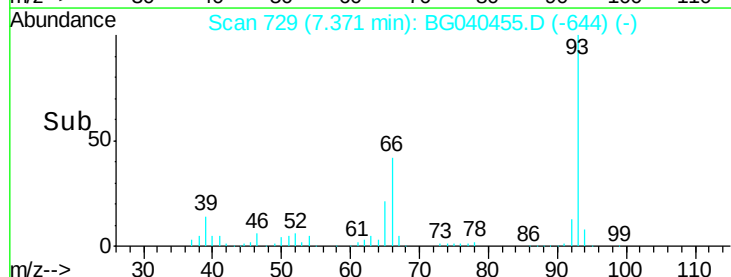
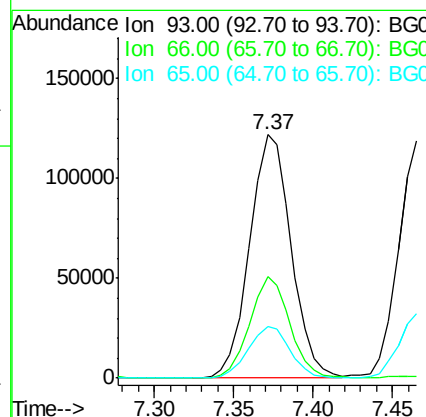
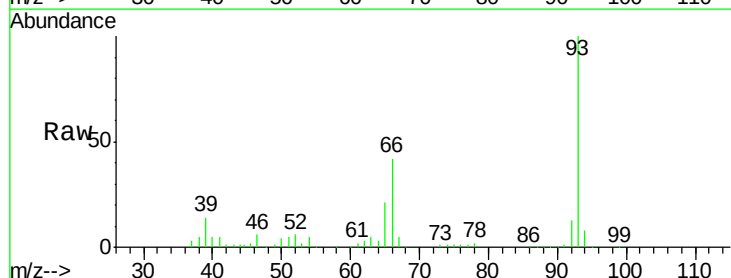
RT: 7.37 min Scan# 729

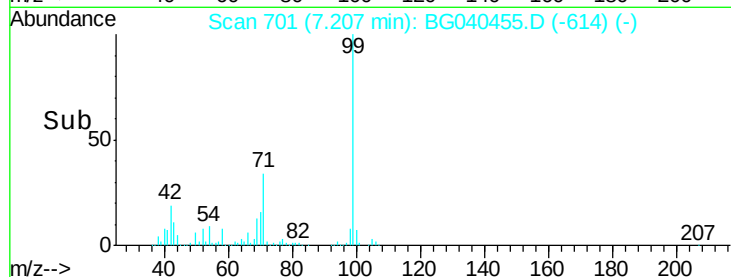
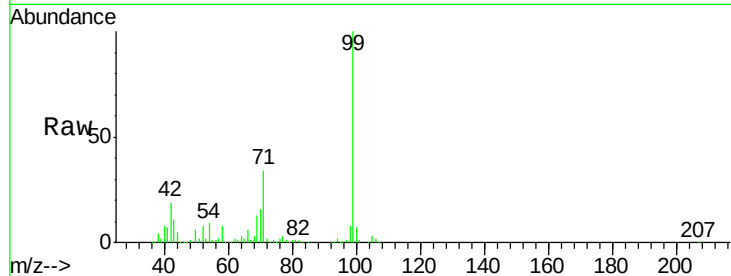
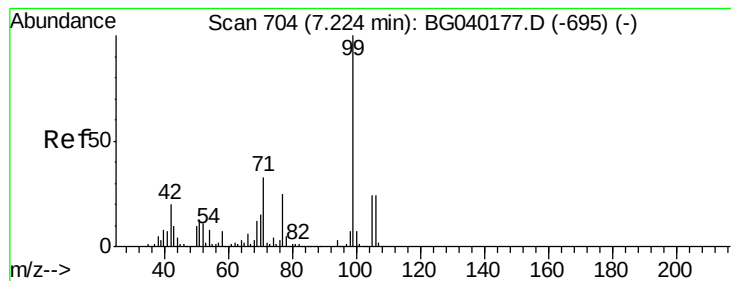
Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	93	Resp:	221892
Ion Ratio	Lower	Upper	
93	100		
66	41.8	33.6	50.4
65	21.3	17.4	26.2





#7

Phenol-d6

Concen: 134.230 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	99	Resp:	721239
Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	34.4	26.8	40.2

Instrument :

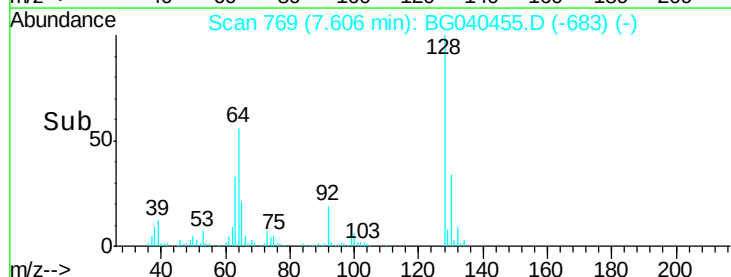
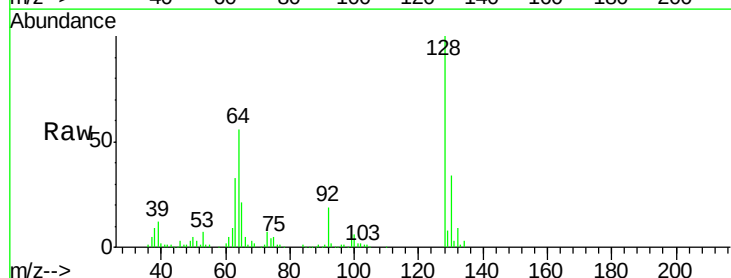
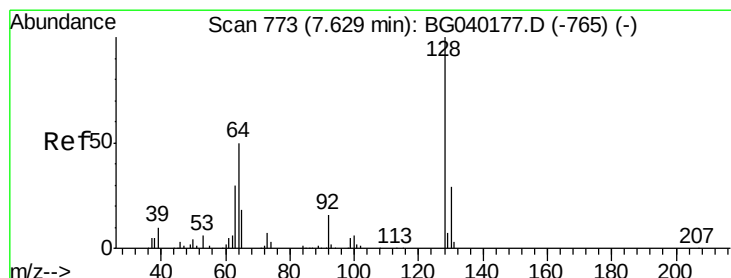
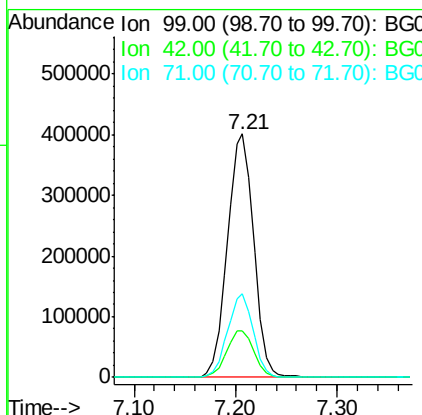
BNA_G

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PB118819BS

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#8

2-Chlorophenol

Concen: 43.209 ng

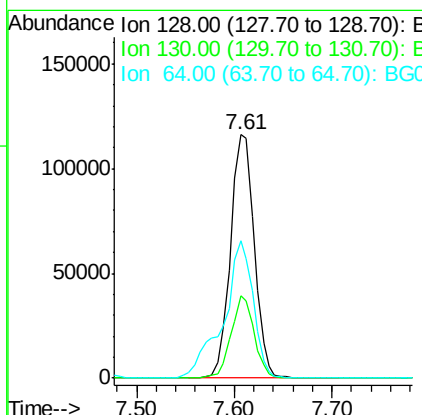
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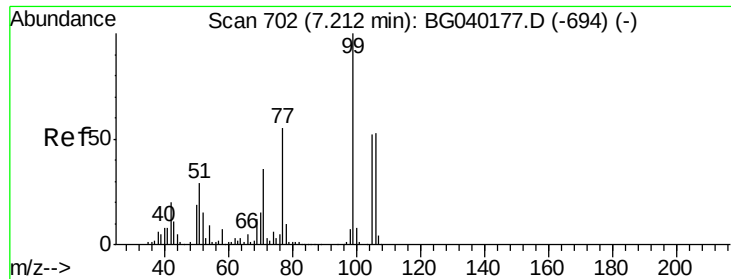
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	128	Resp:	196652
Ion	Ratio	Lower	Upper
128	100		
130	33.8	9.1	49.1
64	56.5	33.1	73.1





#9

Benzaldehyde

Concen: 18.471 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

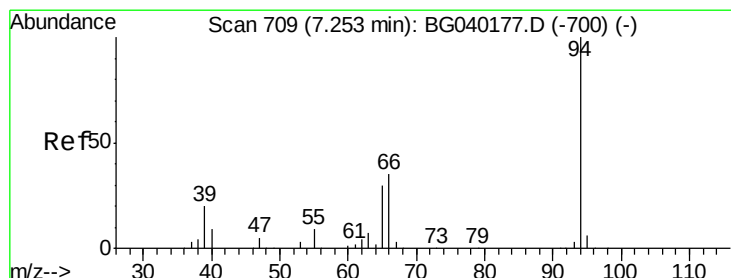
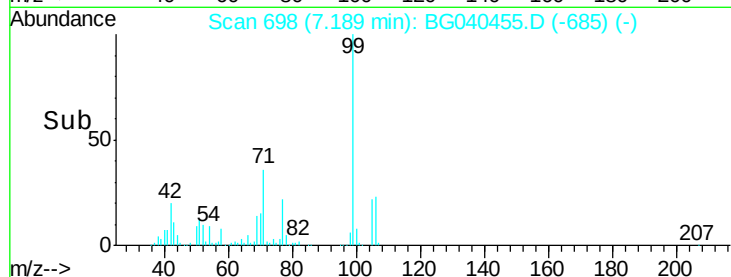
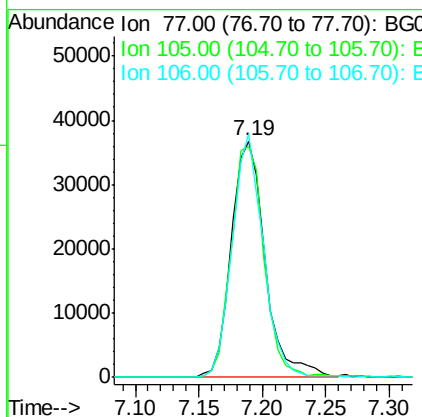
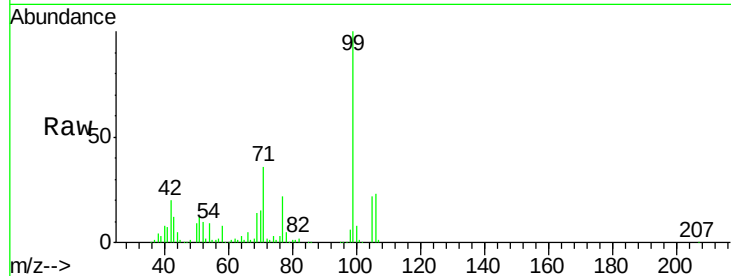
ClientSampleId :

PB118819BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	98.0	75.0	115.0
106	103.1	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 43.460 ng

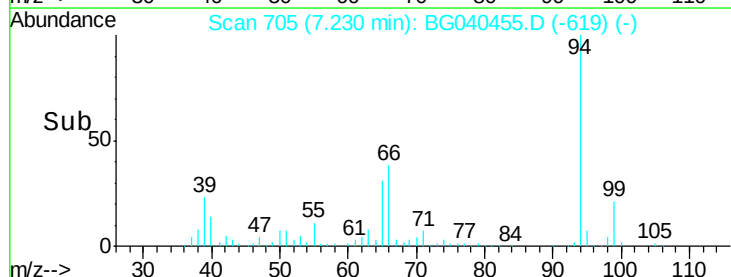
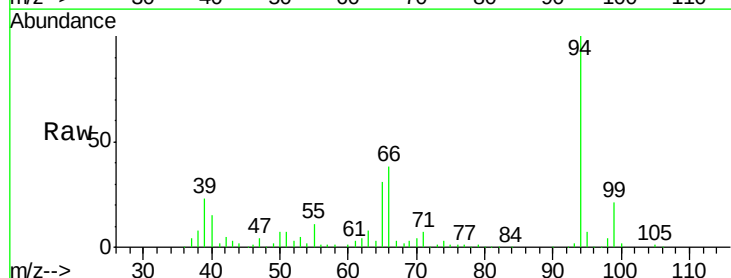
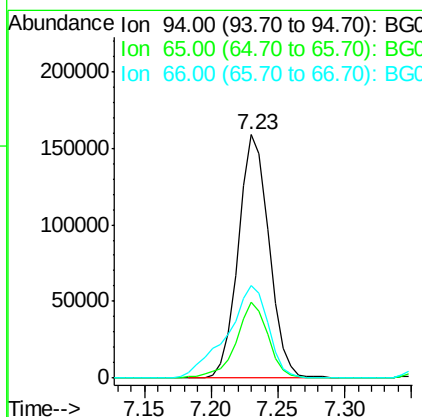
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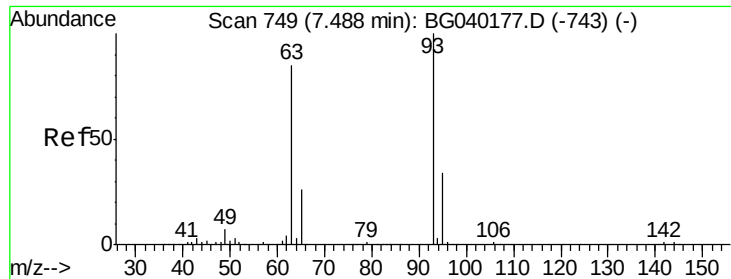
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.5	50.5
66	38.3	16.9	56.9





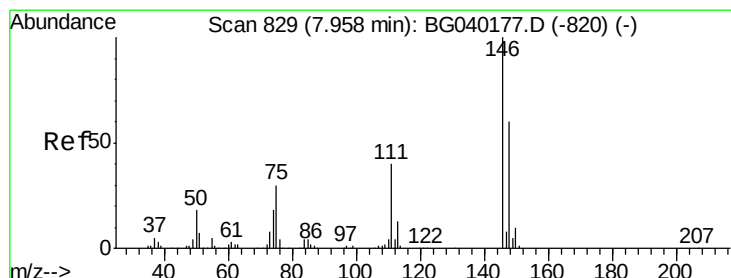
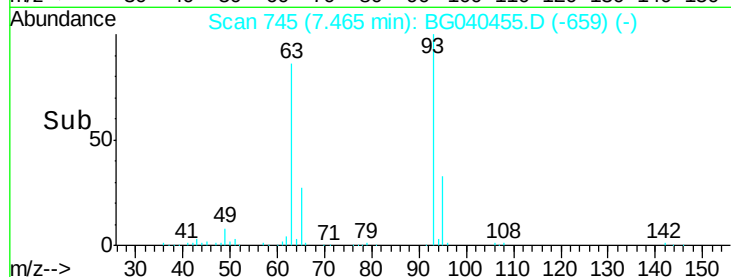
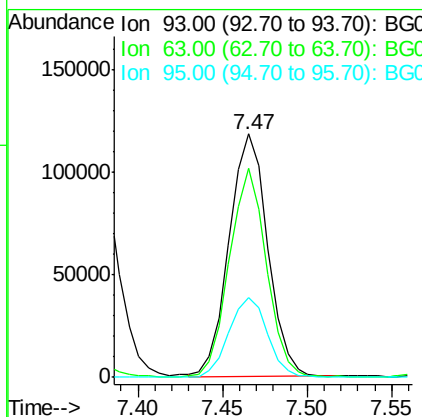
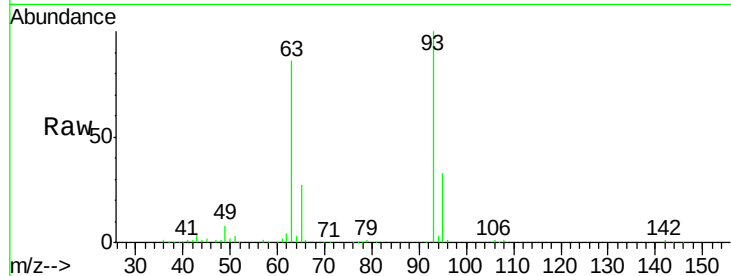
#11
bis(2-Chloroethyl)ether
Concen: 40.226 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	187901		
63	85.9	64.2	104.2	
95	32.8	14.0	54.0	

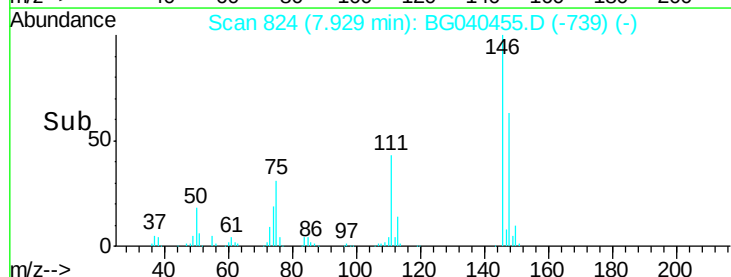
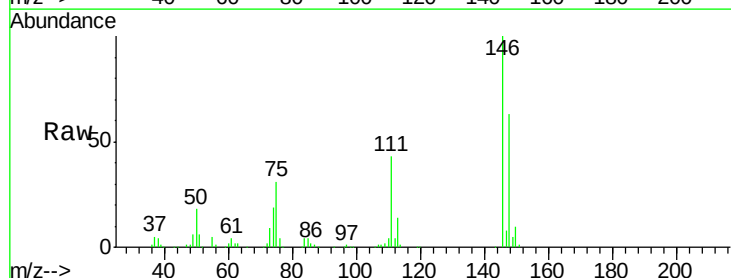
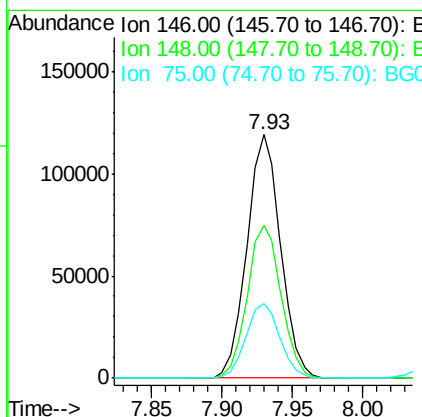
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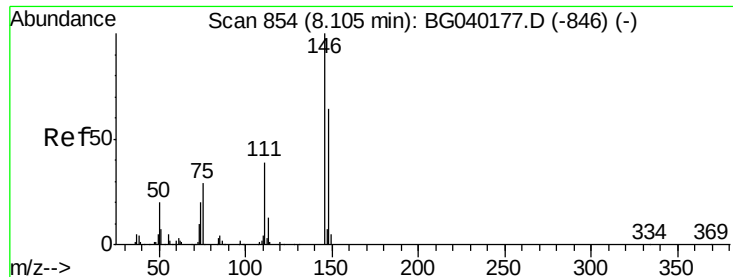
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.304 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199399		
148	62.8	48.2	72.2	
75	30.8	24.1	36.1	





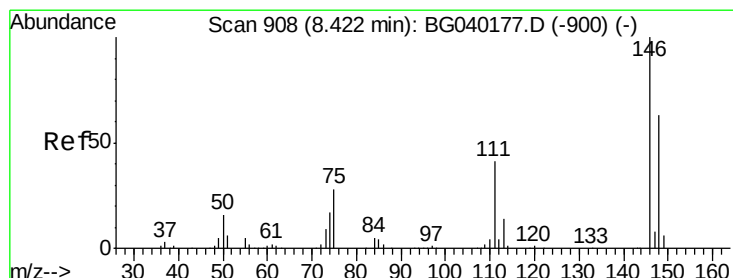
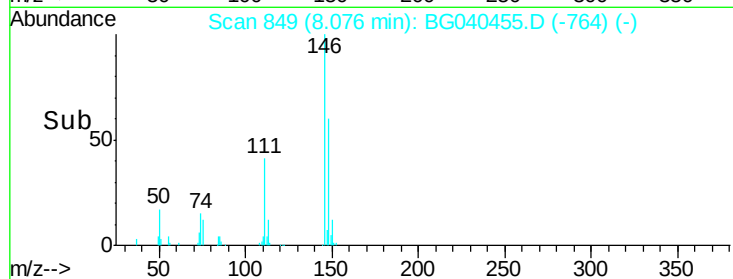
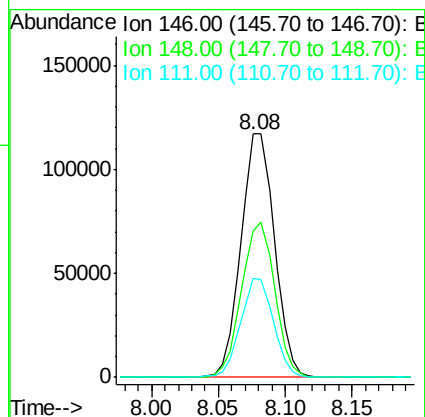
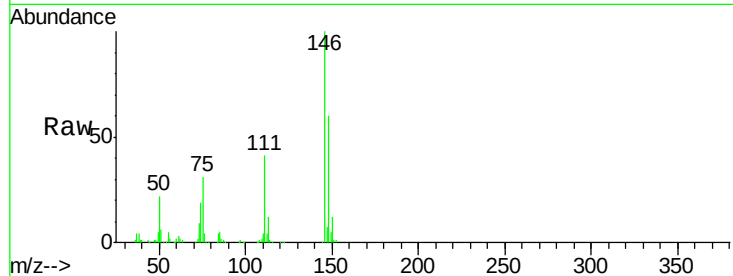
#13
 1,4-Dichlorobenzene
 Concen: 41.345 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.0	76.4
111	40.7	31.8	47.6

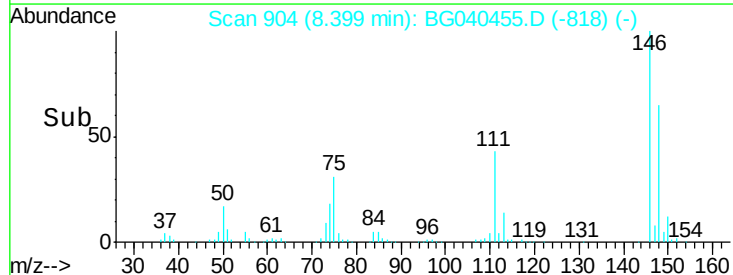
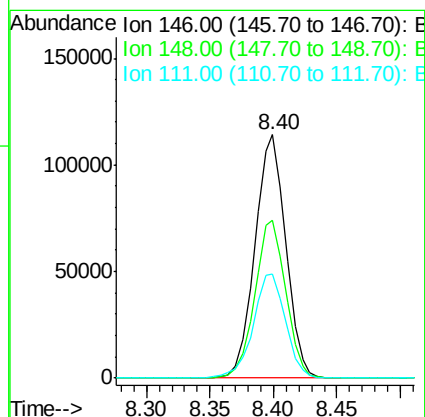
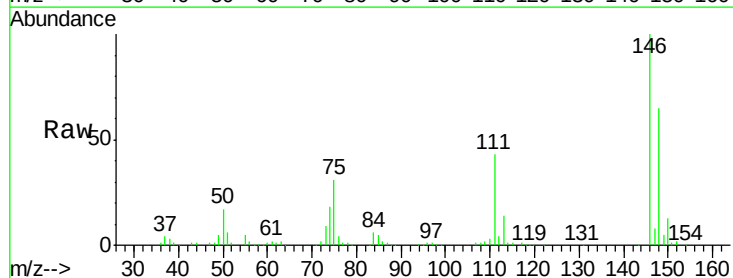
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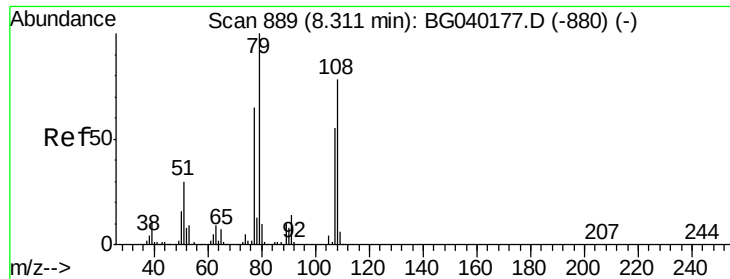
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.996 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.8	33.4	50.0





#15

Benzyl Alcohol

Concen: 40.412 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

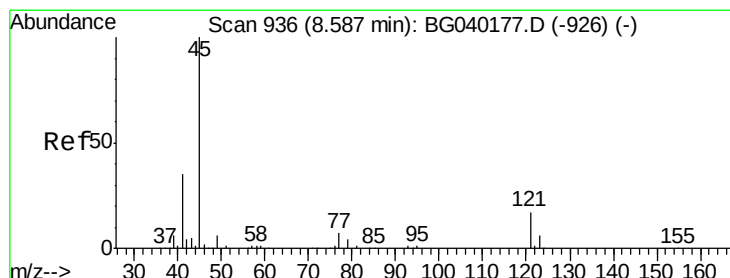
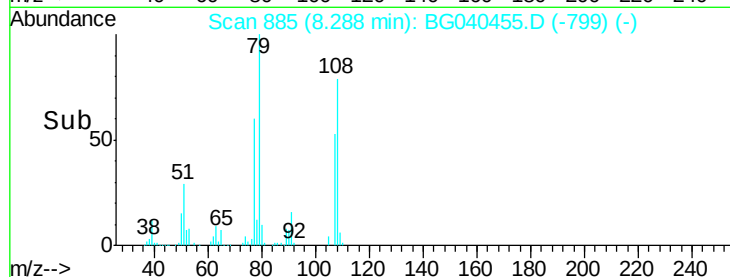
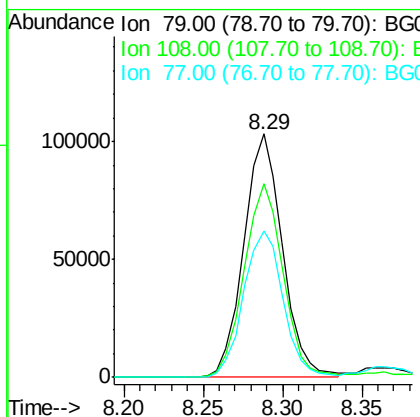
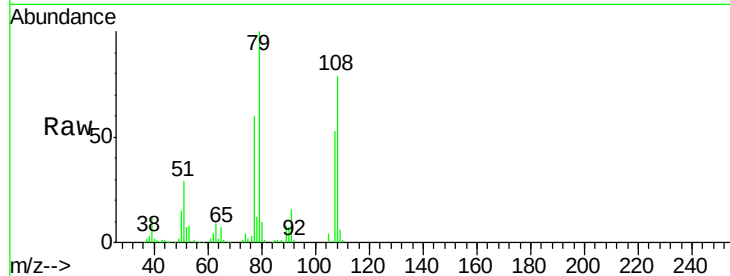
ClientSampled :

PB118819BS

Tgt Ion:	79	Resp:	174871
Ion Ratio	Lower	Upper	
79	100		
108	79.4	62.1	93.1
77	60.3	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.983 ng

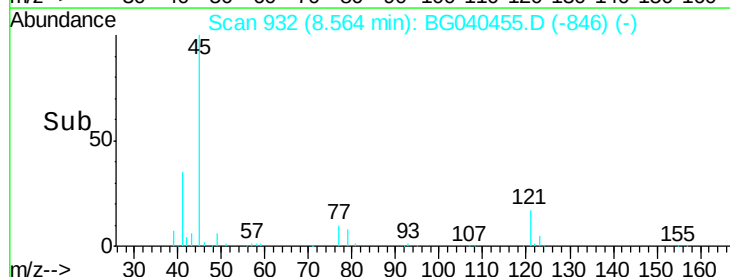
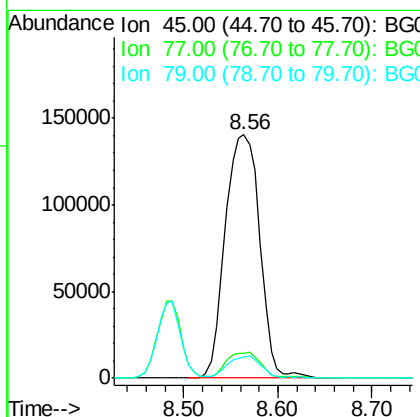
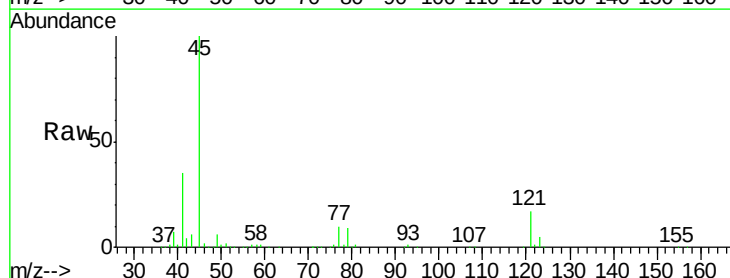
RT: 8.56 min Scan# 932

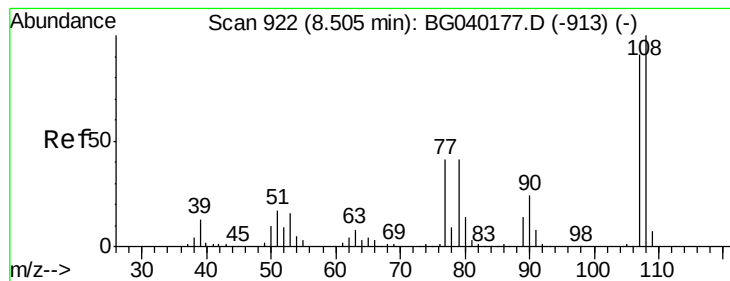
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	45	Resp:	358444
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	31.4
79	8.7	0.0	28.3





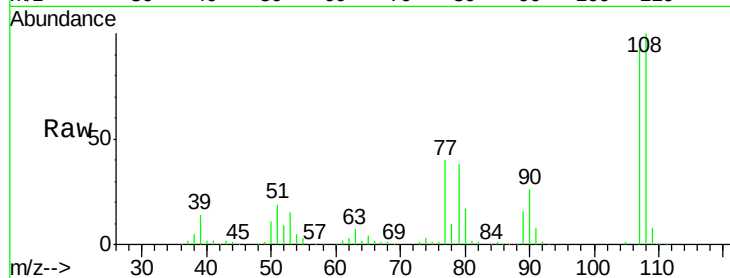
#17
2-Methylphenol
Concen: 44.559 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

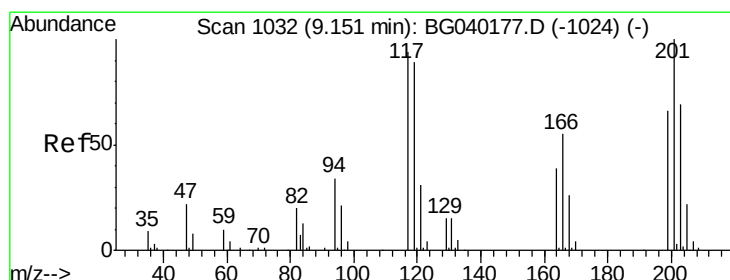
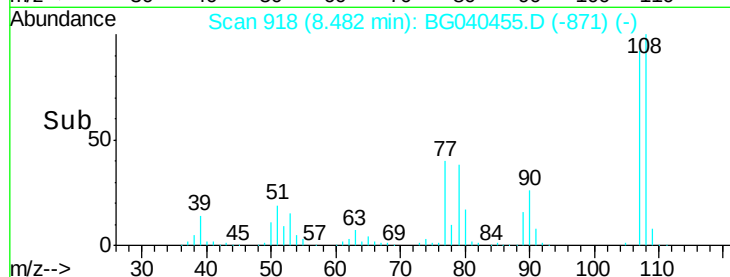
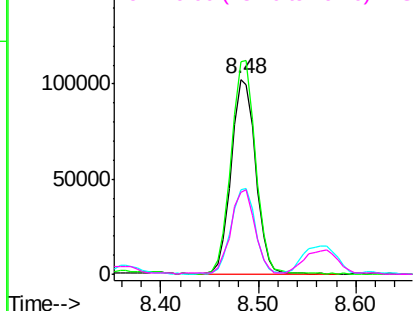
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	179824		
108	109.2	88.2	132.4	
77	43.7	36.6	55.0	
79	42.0	36.5	54.7	

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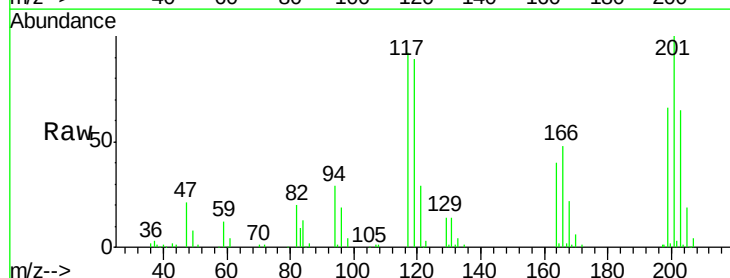


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

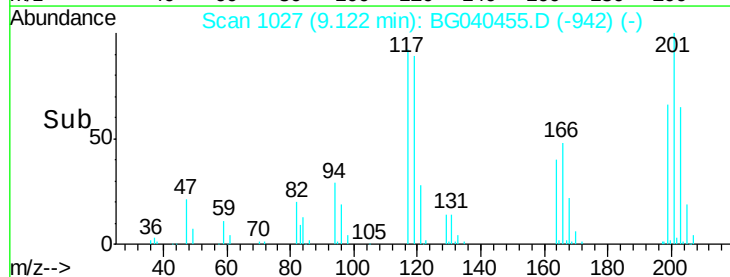
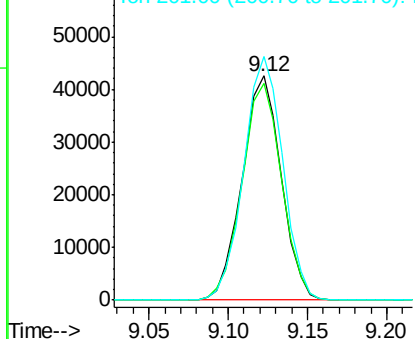


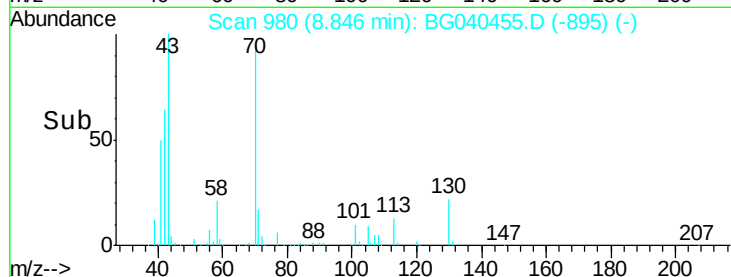
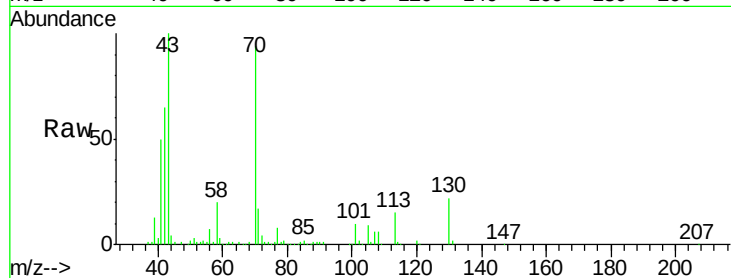
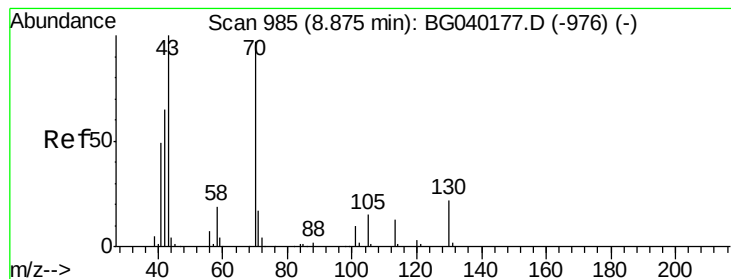
#18
Hexachloroethane
Concen: 38.836 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72791		
119	96.6	76.6	115.0	
201	108.7	85.0	127.4	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.847 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		149655		
42	68.7	54.0	81.0		
101	10.3	8.6	13.0		
130	23.0	18.2	27.2		

Instrument :

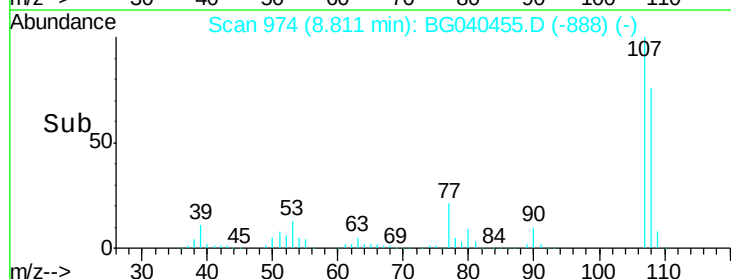
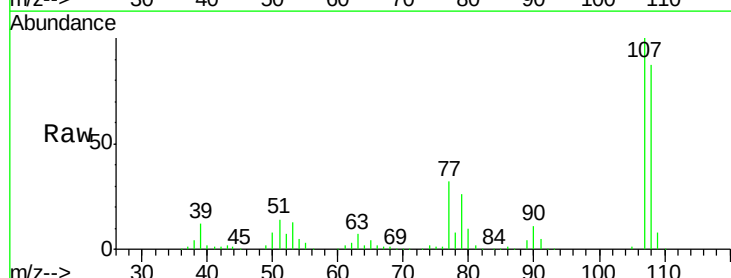
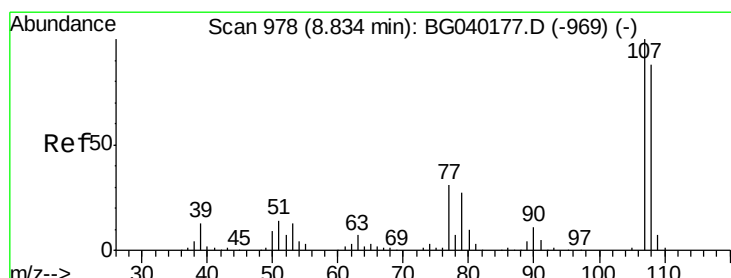
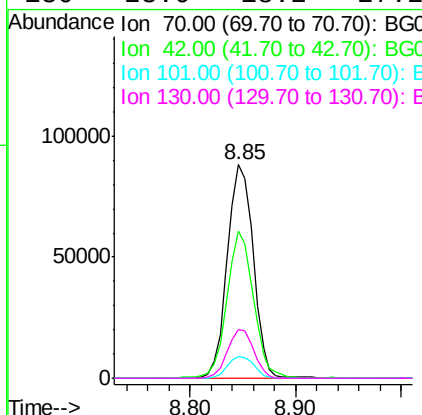
BNA_G

ClientSampled :

PB118819BS

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#20

3+4-Methylphenols

Concen: 43.797 ng

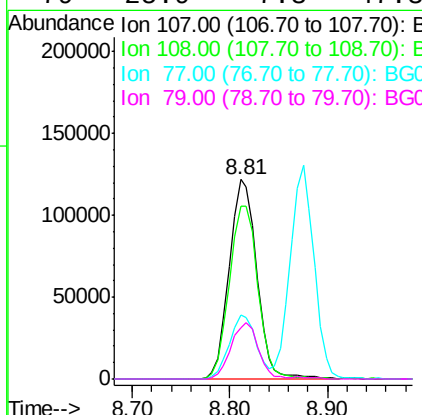
RT: 8.81 min Scan# 974

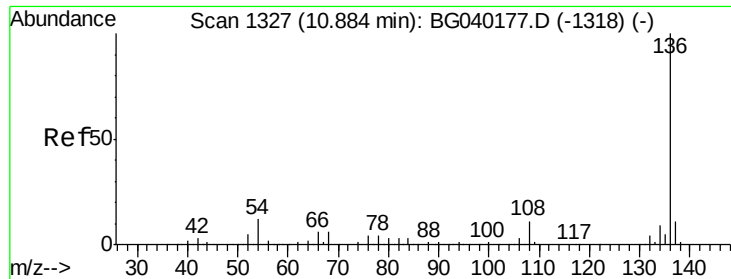
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		239446		
108	86.8	68.3	108.3		
77	32.2	11.3	51.3		
79	25.9	7.3	47.3		





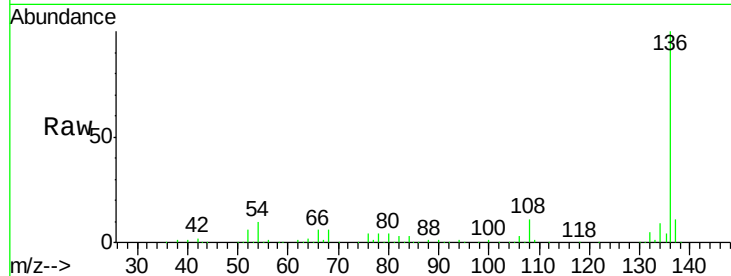
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

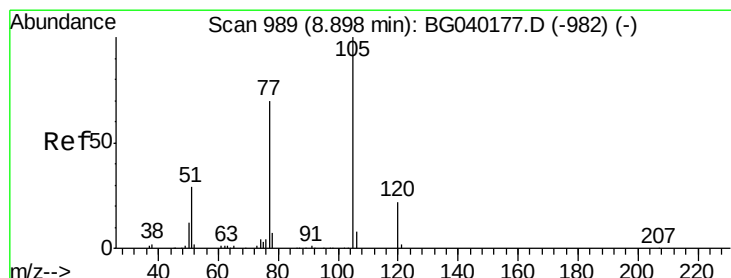
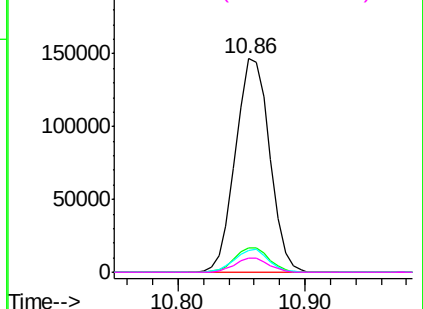
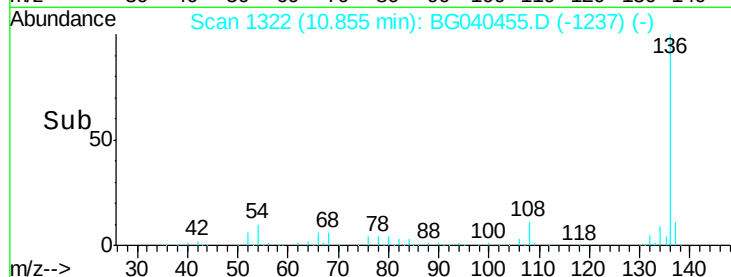
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	274400		
137	11.1	8.9	13.3	
54	10.5	9.6	14.4	
68	6.5	5.1	7.7	

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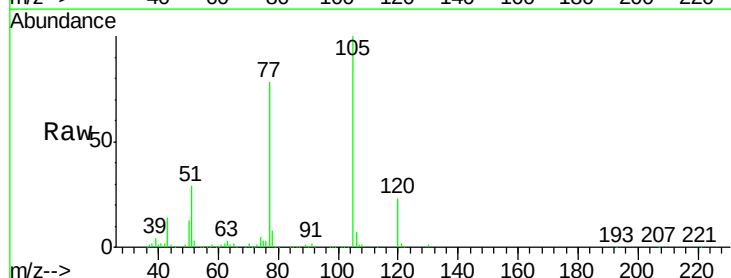


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

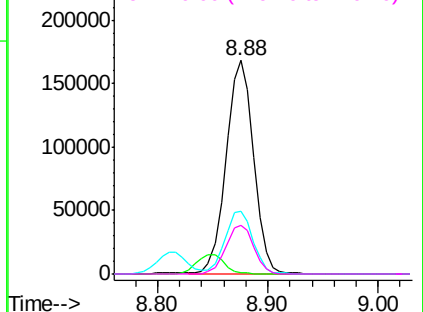
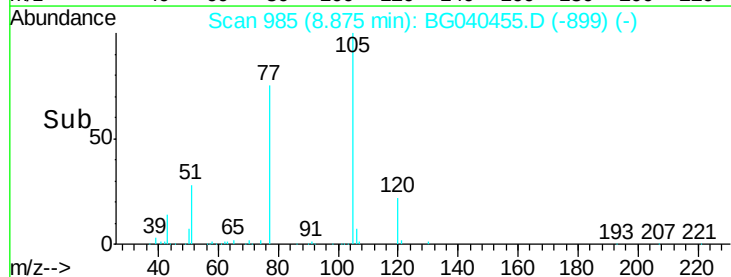


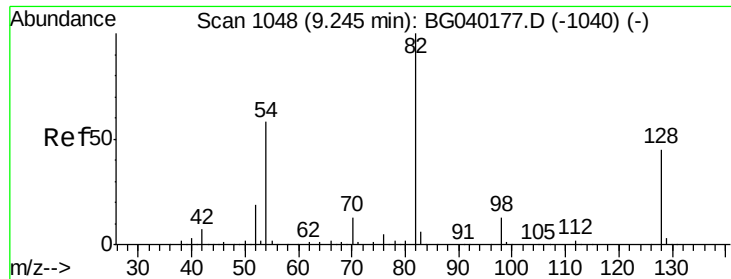
#22
Acetophenone
Concen: 42.542 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291192		
71	0.4	0.6	1.0#	
51	29.3	25.1	37.7	
120	22.6	17.6	26.4	



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





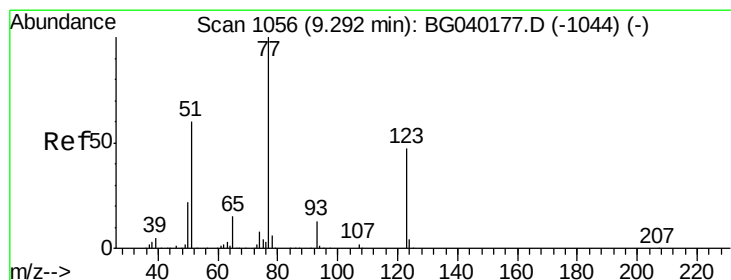
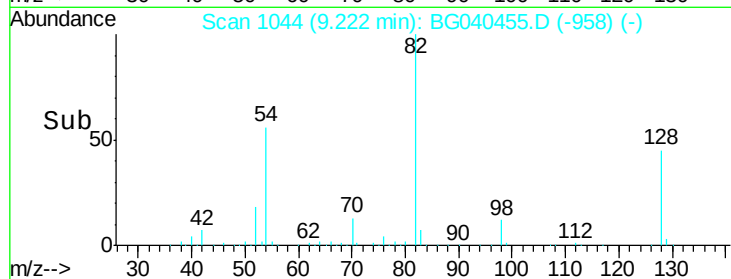
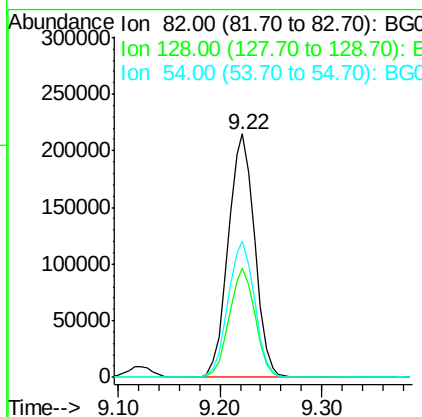
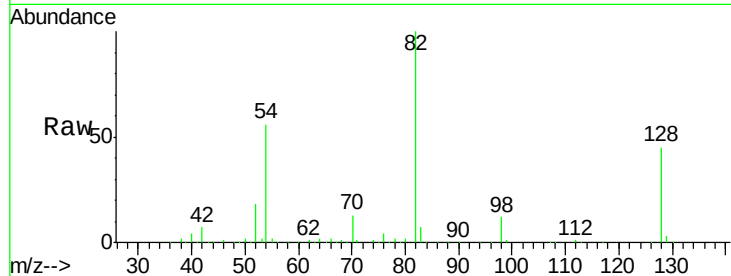
#23
Nitrobenzene-d5
Concen: 74.983 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleID :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	387092		
128	44.9	35.8	53.8	
54	56.0	46.2	69.2	

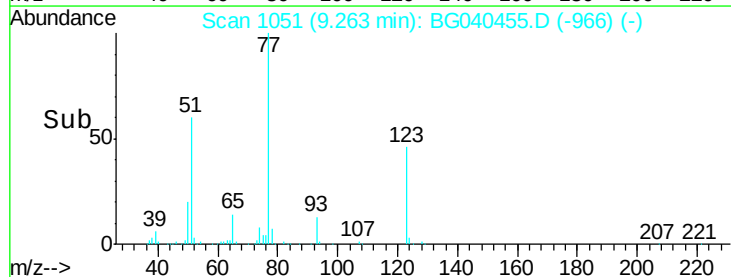
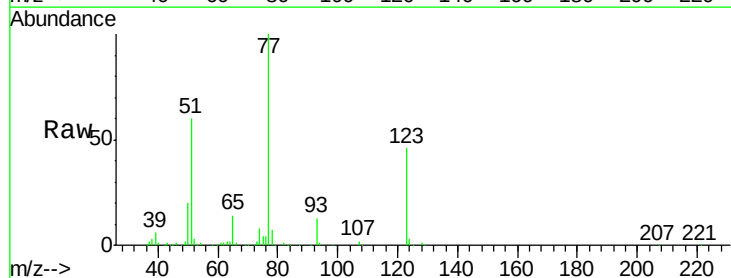
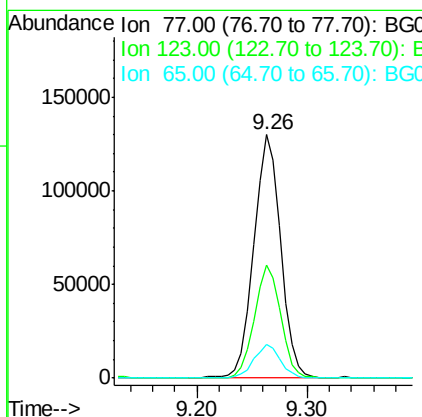
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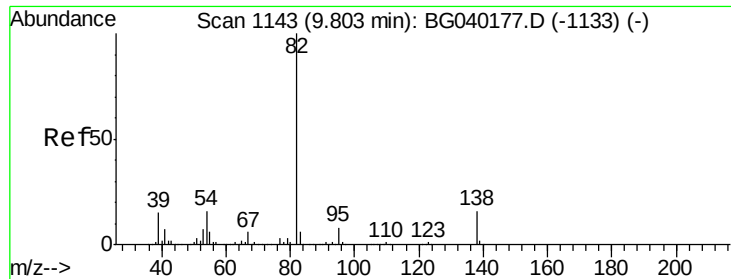
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#24
Nitrobenzene
Concen: 41.667 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	222746		
123	46.4	37.8	56.6	
65	13.6	12.0	18.0	





#25

Isophorone

Concen: 40.641 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

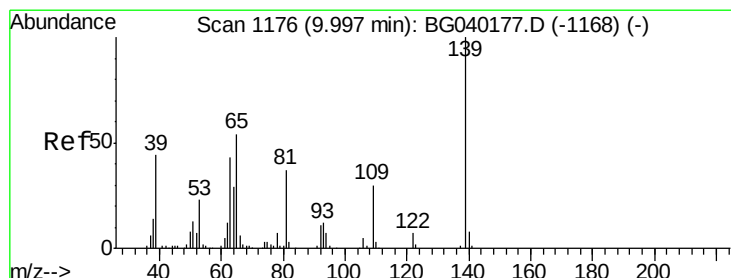
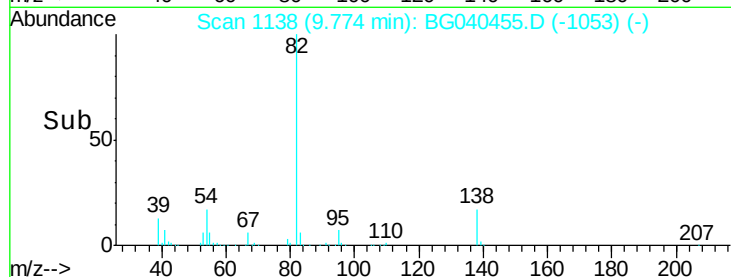
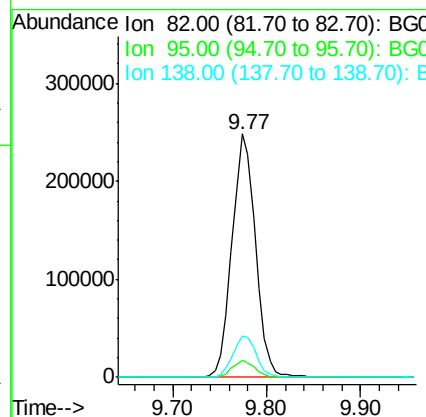
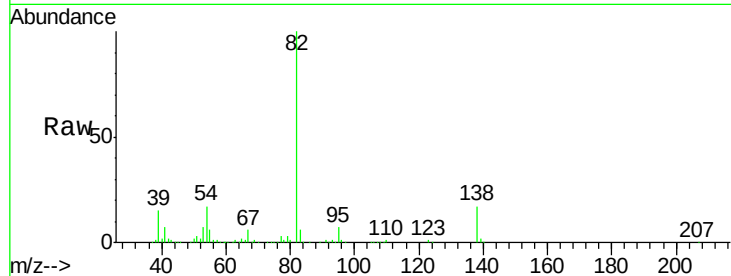
ClientSampleId :

PB118819BS

Tgt Ion:	82	Resp:	431687
Ion Ratio		Lower	Upper
82	100		
95	6.8	6.1	9.1
138	16.9	13.2	19.8

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#26

2-Nitrophenol

Concen: 42.893 ng

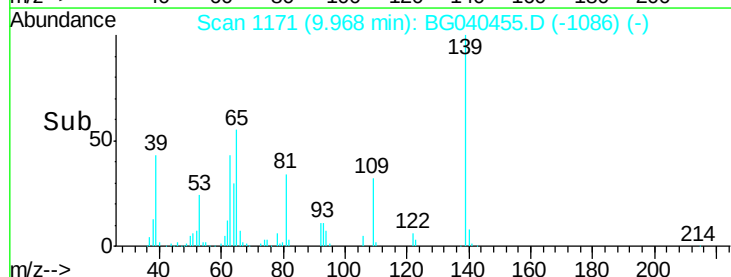
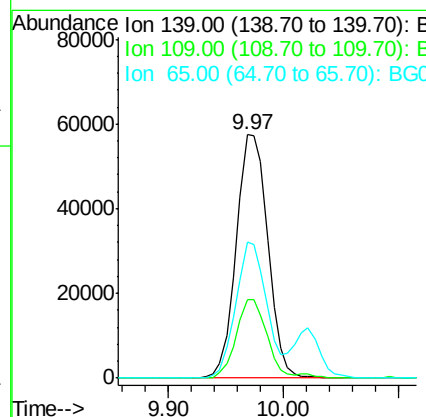
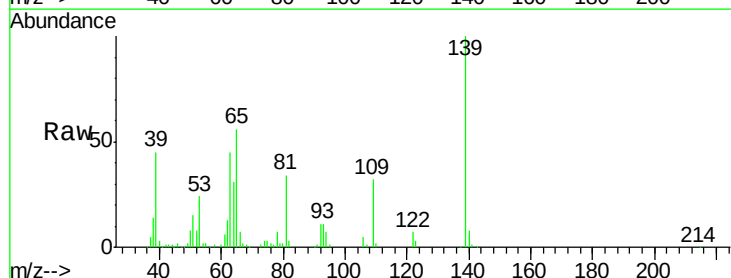
RT: 9.97 min Scan# 1171

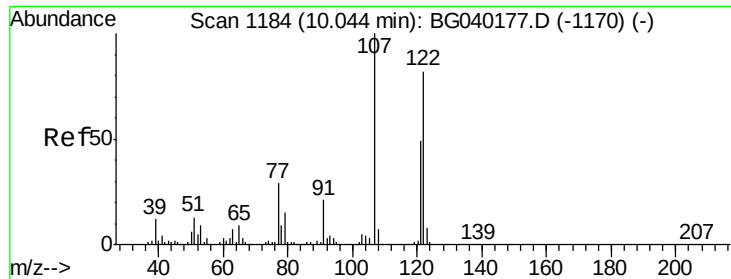
Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	139	Resp:	108650
Ion Ratio		Lower	Upper
139	100		
109	32.1	24.1	36.1
65	55.9	43.0	64.6





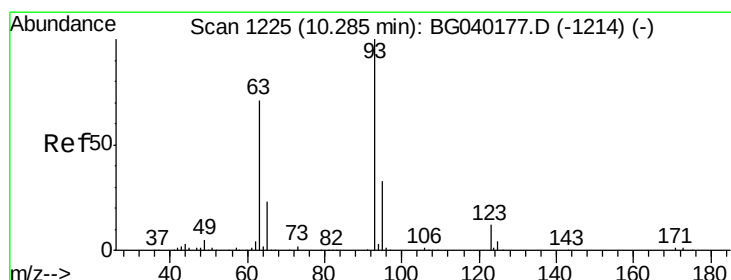
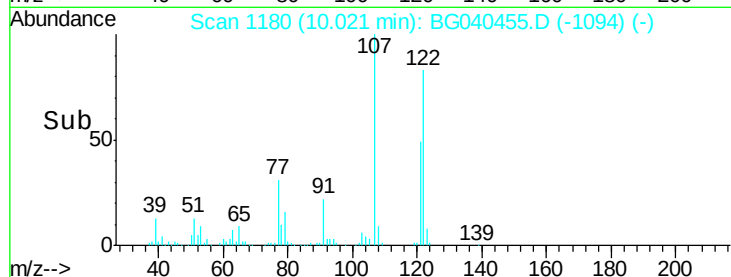
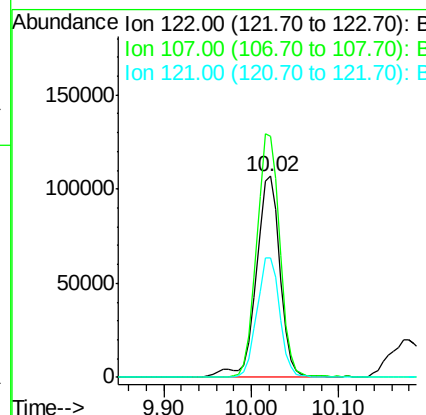
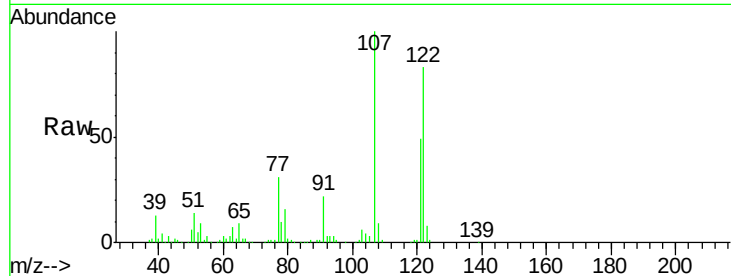
#27
2,4-Dimethylphenol
Concen: 49.197 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	197949		
107	119.9	97.4	146.2	
121	59.1	47.7	71.5	

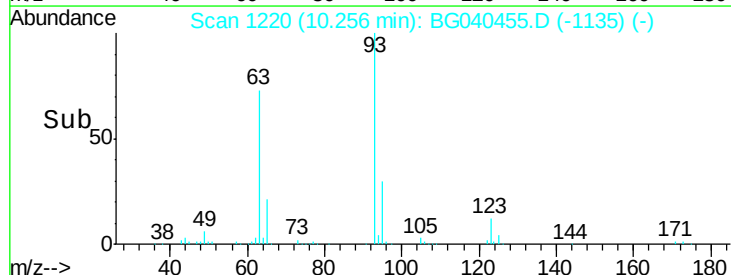
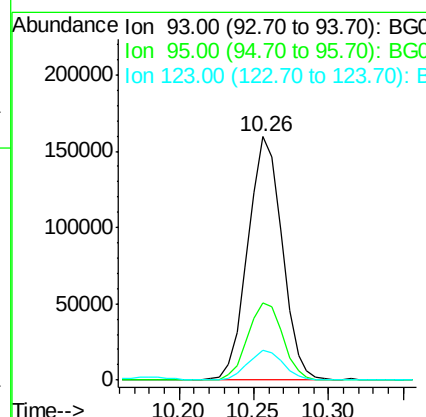
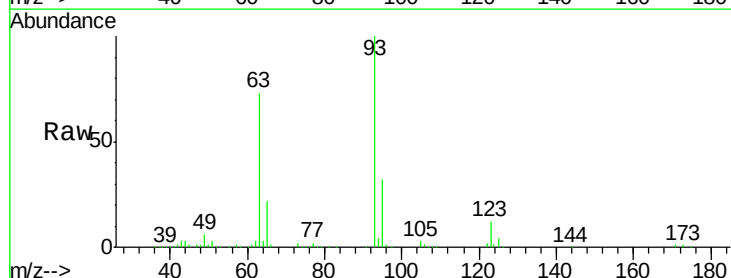
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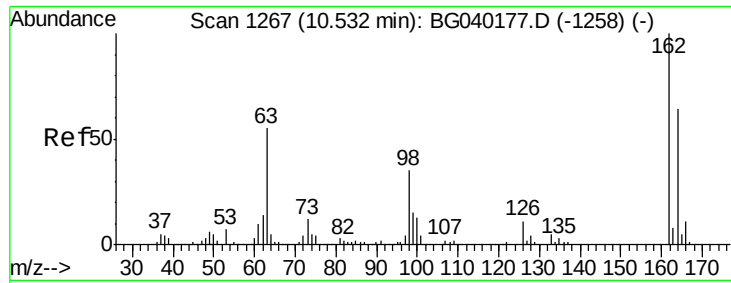
Sohil
4/15/2019 12:30:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.259 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	253001		
95	31.8	26.2	39.4	
123	12.3	9.4	14.0	





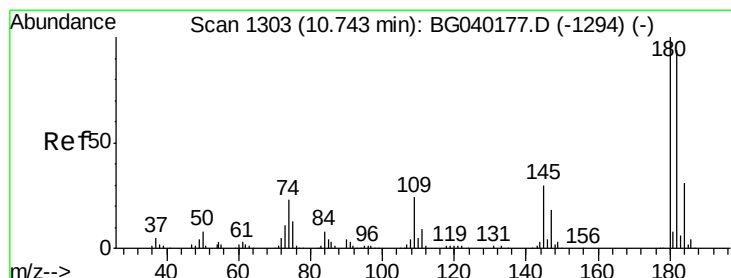
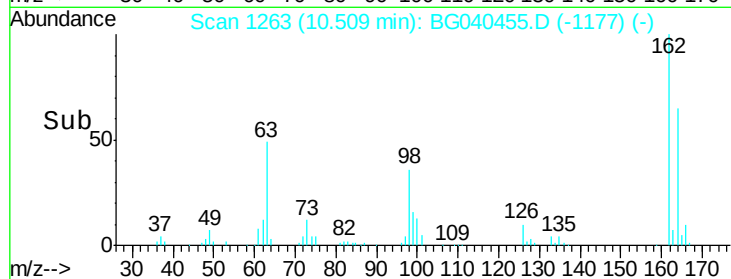
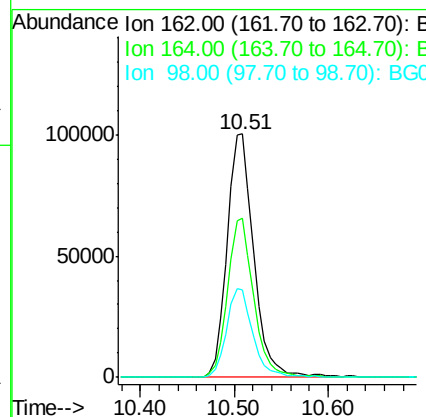
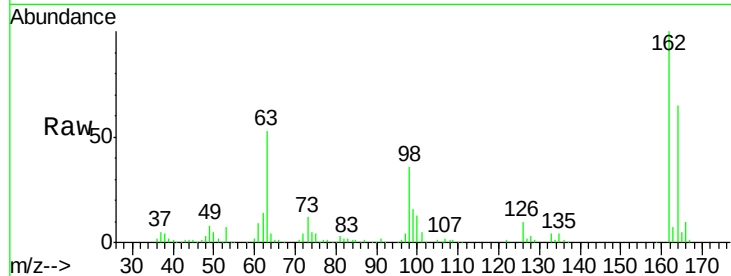
#29
2,4-Dichlorophenol
Concen: 45.307 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampled :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	197870		
164	65.3	43.9	83.9	
98	35.8	15.6	55.6	

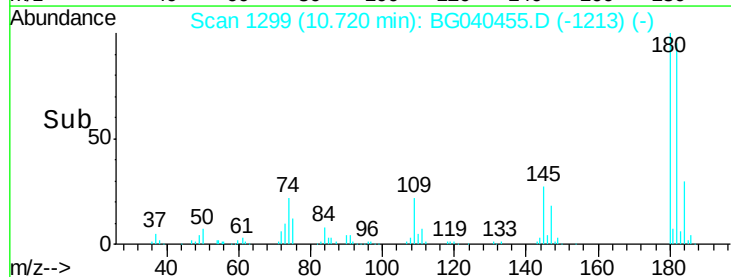
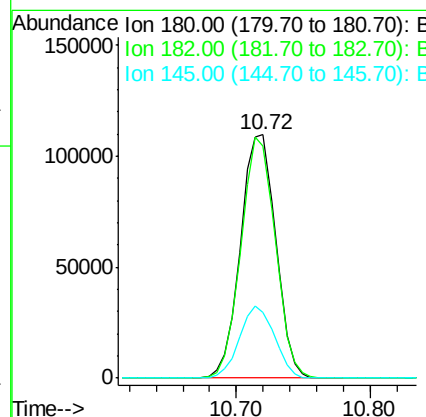
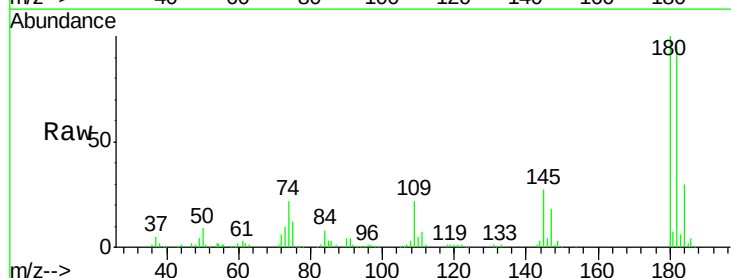
Manual Integrations
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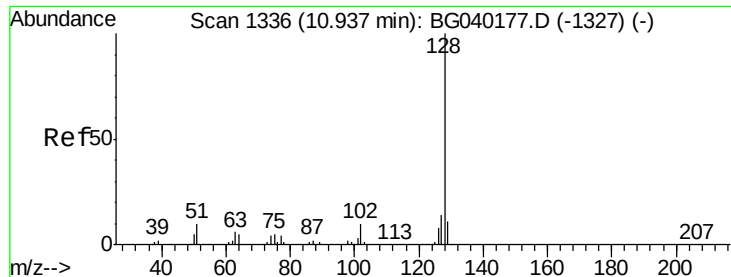
Sohil
4/15/2019 12:30:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.685 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199903		
182	95.4	75.1	112.7	
145	27.2	24.1	36.1	





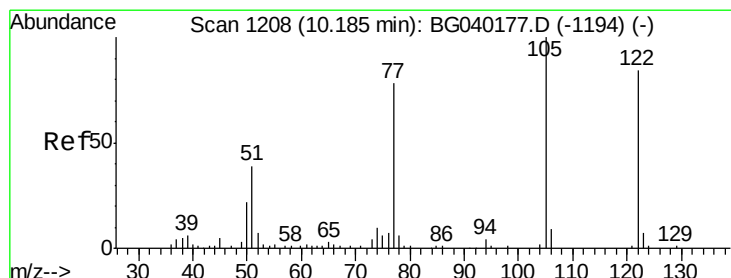
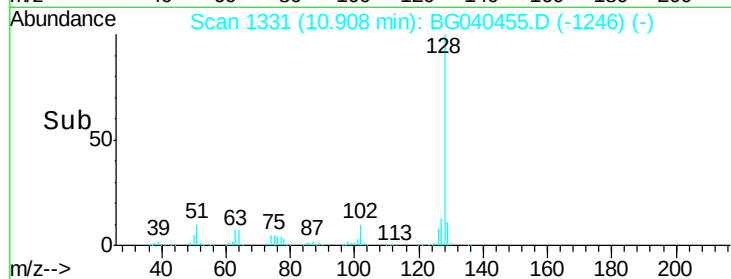
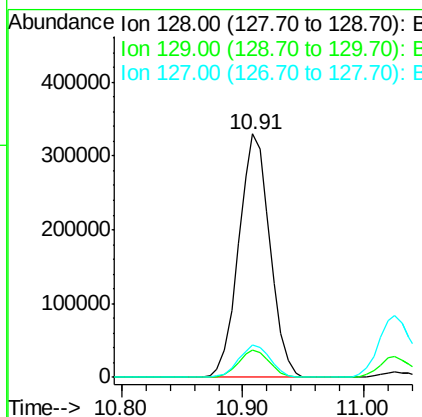
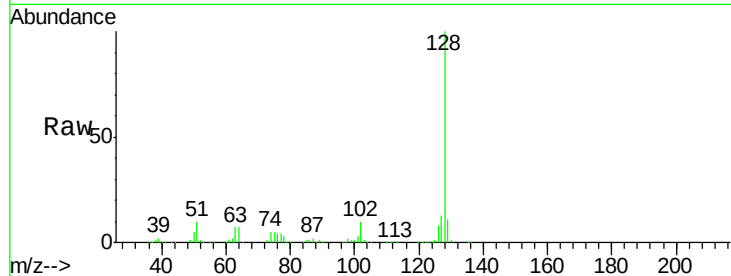
#31
Naphthalene
Concen: 42.107 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	592233		
129	11.3	8.9	13.3	
127	13.4	11.4	17.0	

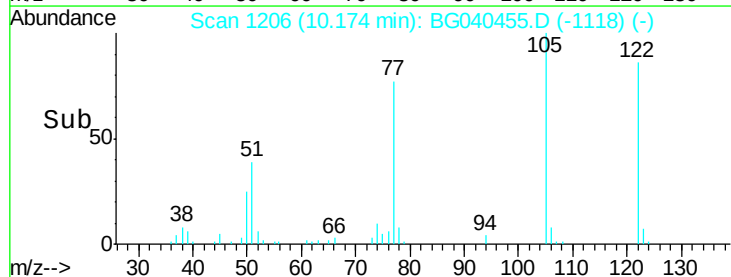
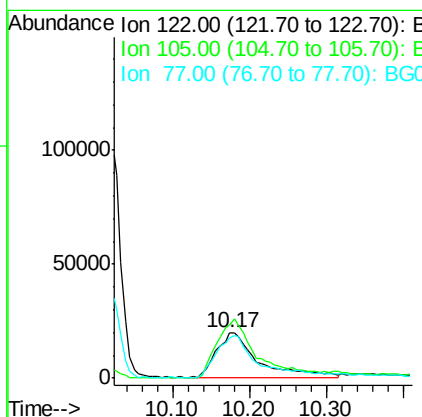
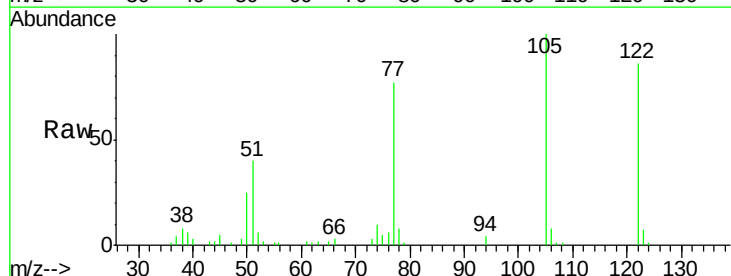
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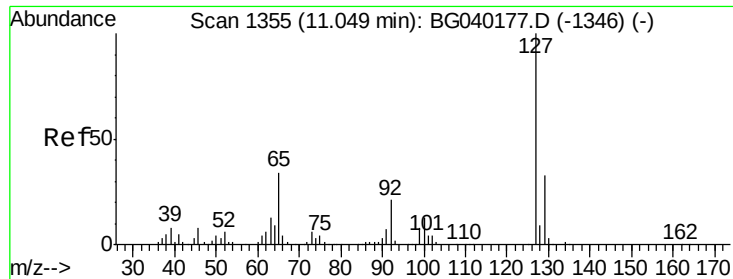
Sohil
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#32
Benzoic acid
Concen: 29.733 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	72281		
105	116.1	98.2	138.2	
77	89.4	73.6	113.6	





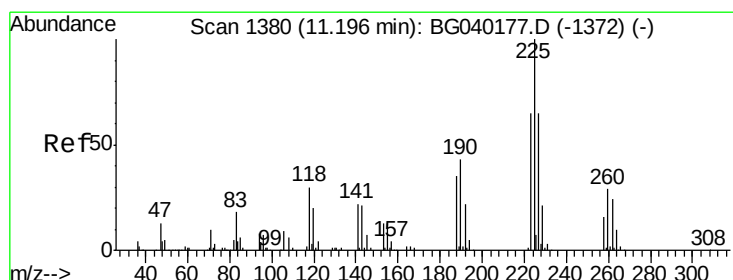
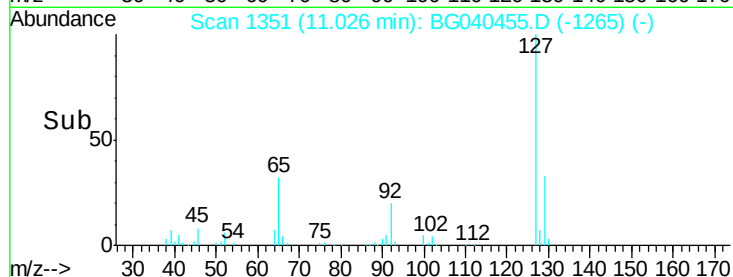
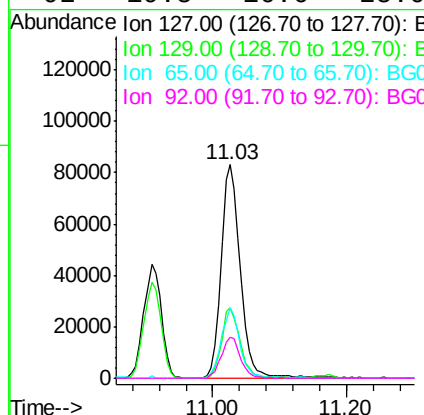
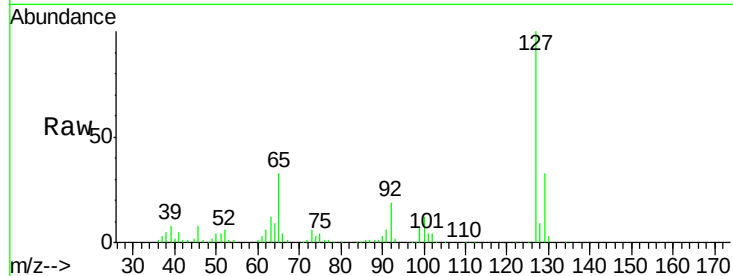
#33
4-Chloroaniline
Concen: 28.223 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	169324		
129	33.2	26.6	40.0	
65	32.8	27.0	40.4	
92	19.5	16.6	25.0	

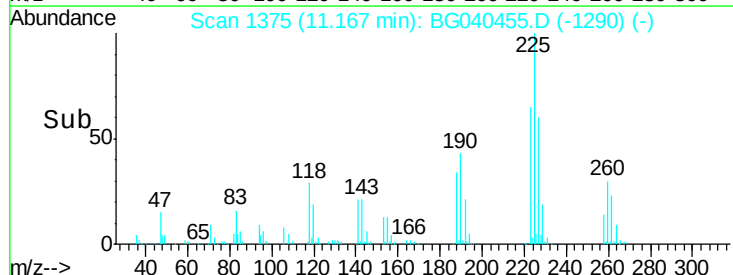
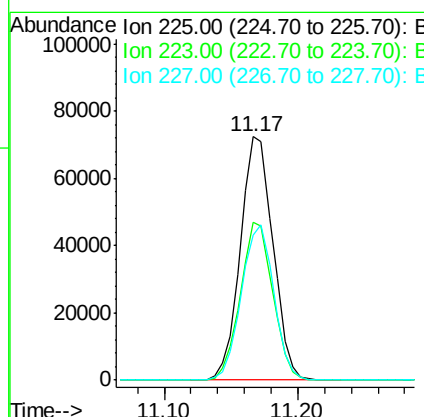
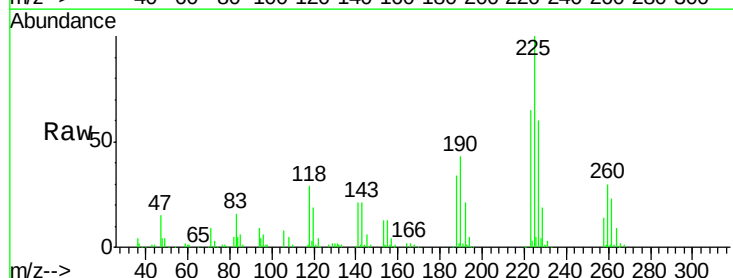
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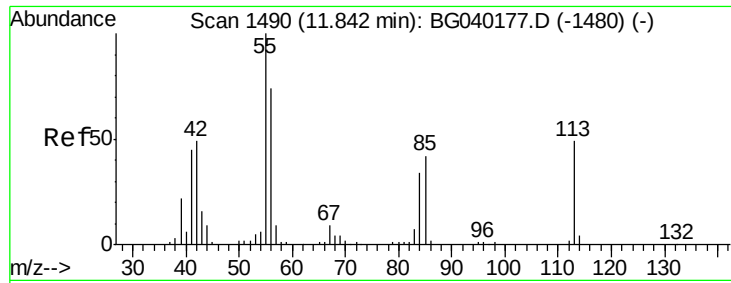
Sohil
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#34
Hexachlorobutadiene
Concen: 39.754 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121924		
223	65.0	51.8	77.8	
227	59.8	54.9	82.3	





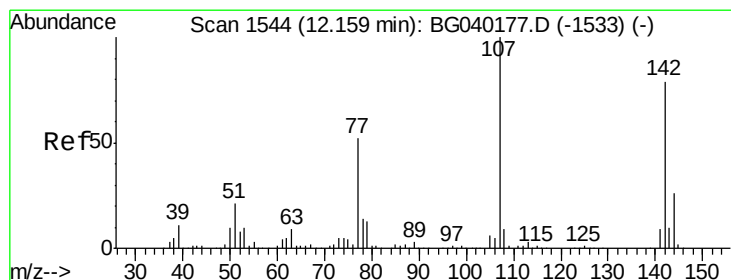
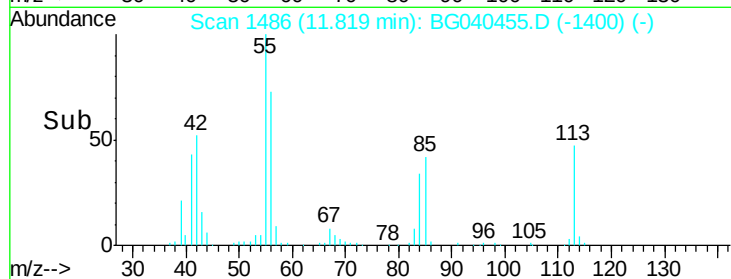
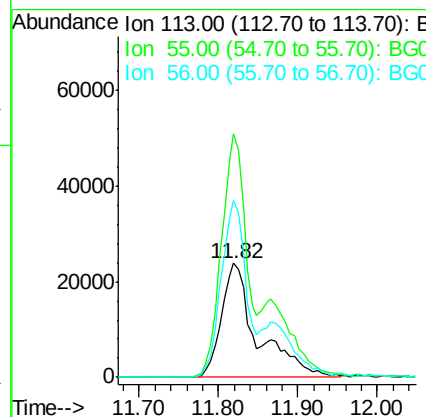
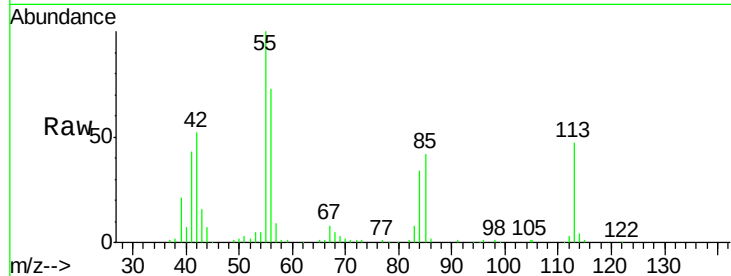
#35
 Caprolactam
 Concen: 43.349 ng m
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	213.5	184.2	224.2
56	155.0	131.3	171.3

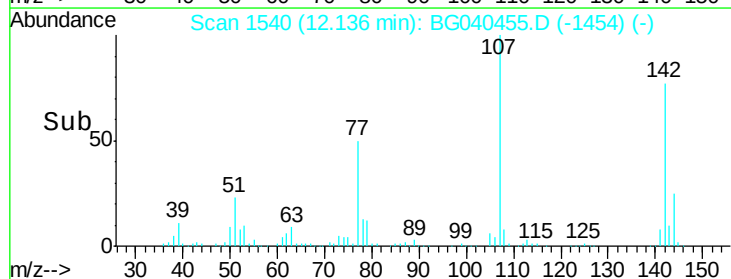
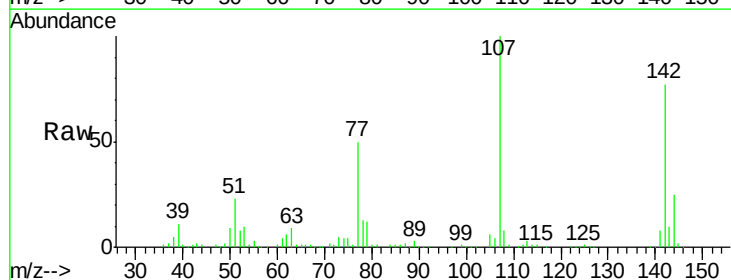
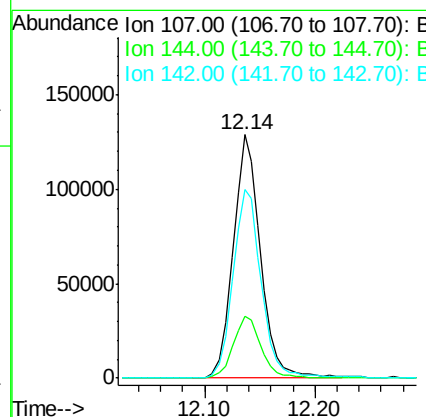
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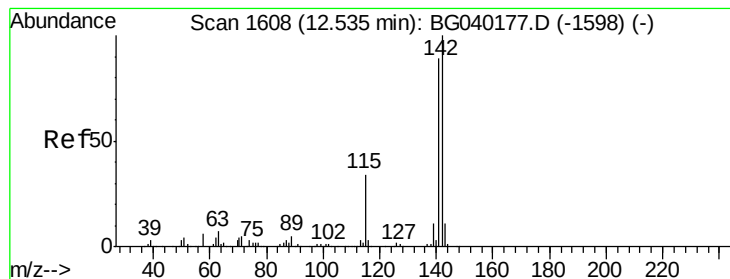
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.411 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.5	30.7
142	77.3	63.1	94.7





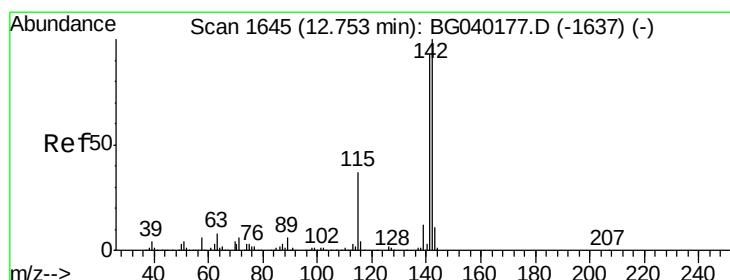
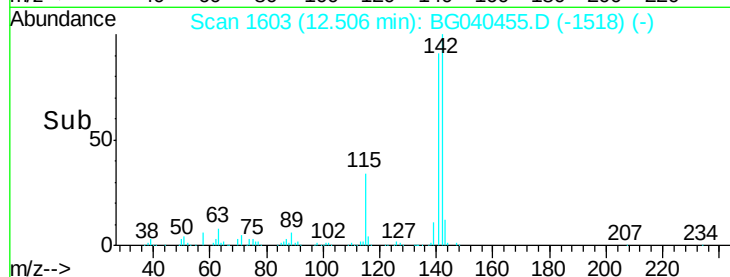
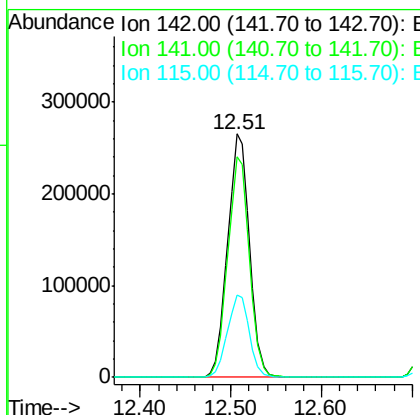
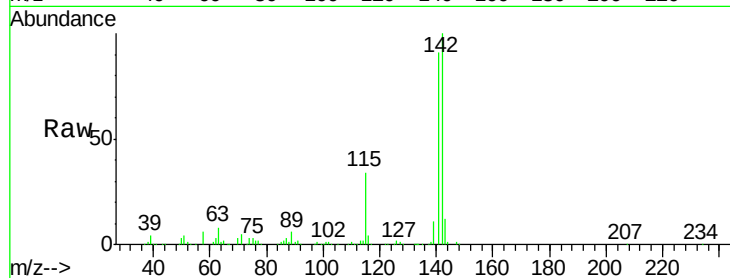
#37
 2-Methylnaphthalene
 Concen: 42.801 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	445231		
141	90.5	71.0	106.6	
115	33.7	27.3	40.9	

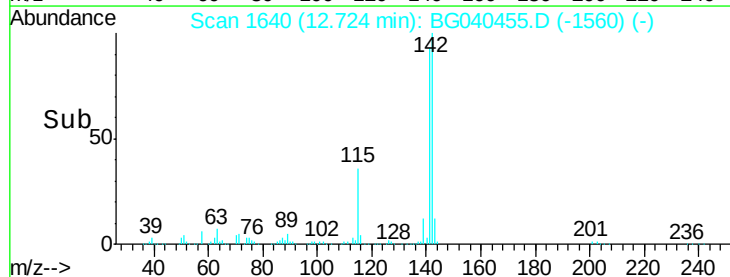
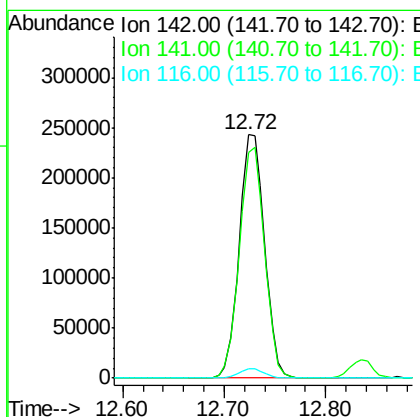
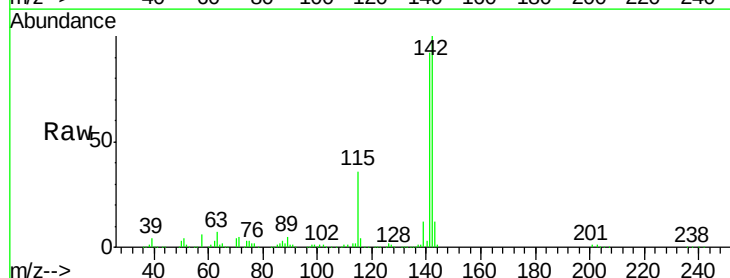
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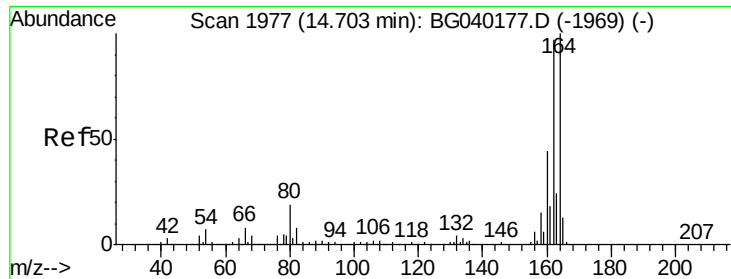
Sohil
 4/15/2019 12:30:04 AM



#38
 1-Methylnaphthalene
 Concen: 41.821 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	421846		
141	92.5	74.2	111.4	
116	4.0	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: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

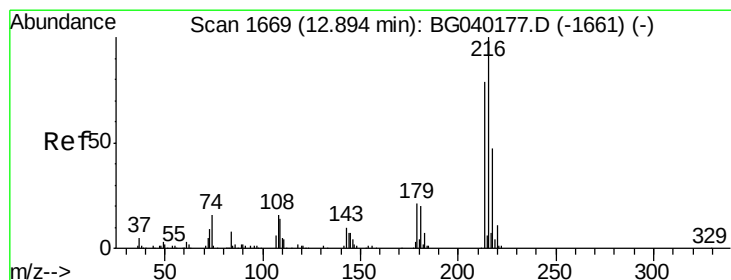
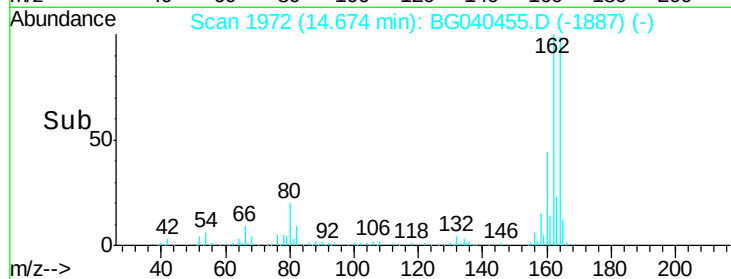
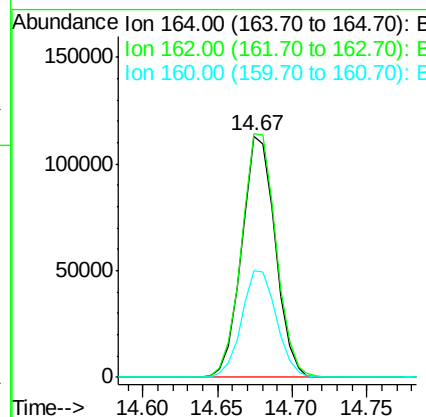
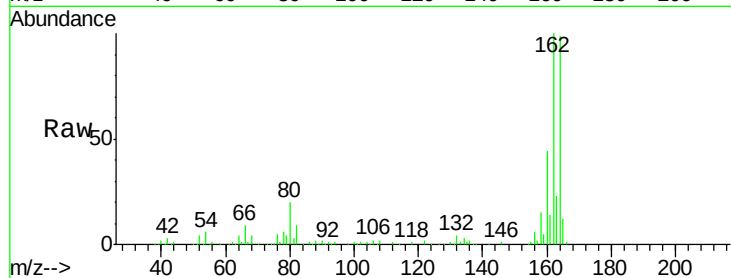
ClientSampleId :

PB118819BS

Tgt Ion:	164	Resp:	175884
Ion Ratio	Lower	Upper	
164	100		
162	100.8	77.4	116.2
160	44.3	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.358 ng

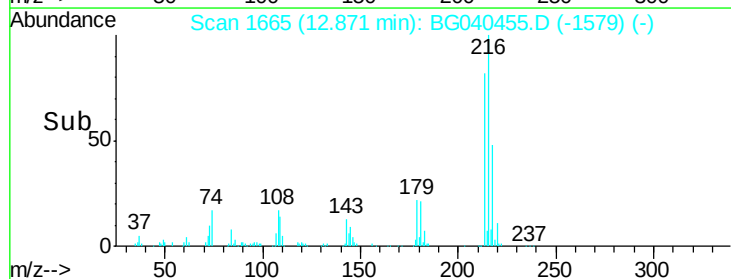
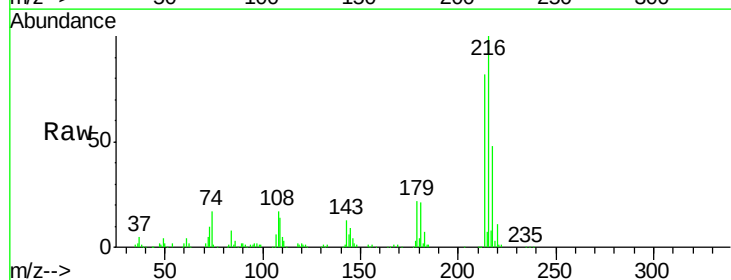
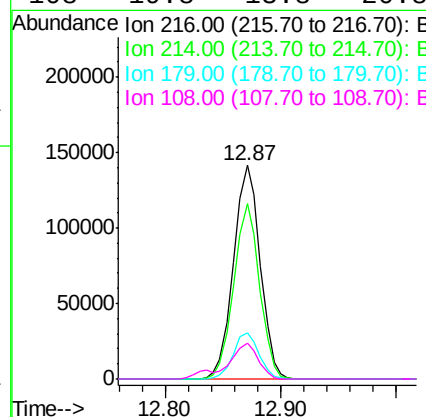
RT: 12.87 min Scan# 1665

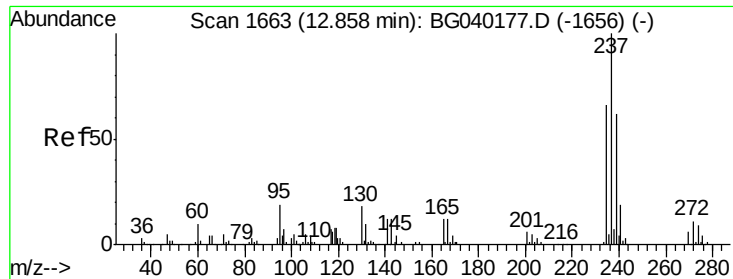
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	216	Resp:	225608
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.5	95.3
179	21.0	16.6	25.0
108	19.8	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 82.662 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

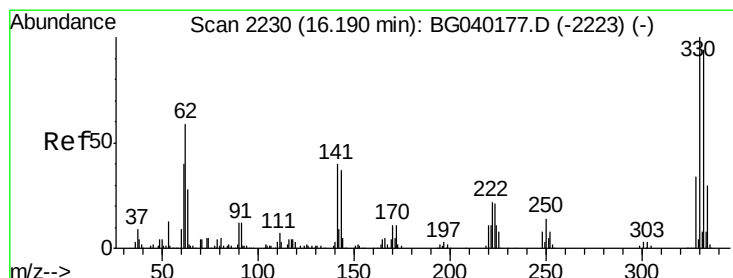
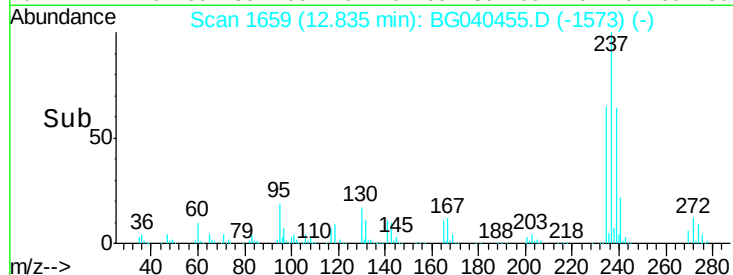
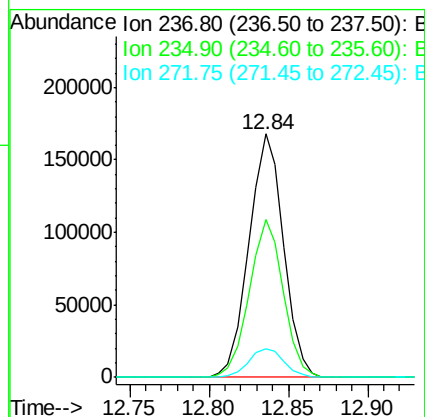
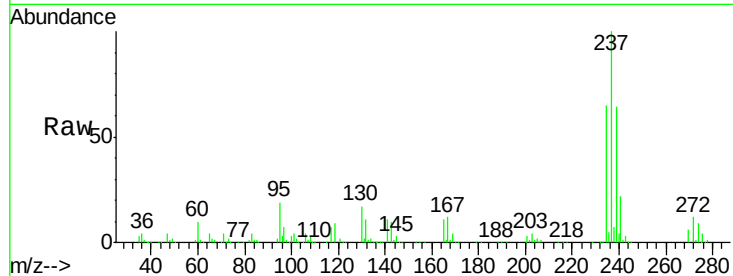
ClientSampleId :

PB118819BS

Tgt Ion:	237	Resp:	253725
Ion Ratio	Lower	Upper	
237	100		
235	65.0	46.2	86.2
272	11.8	0.0	30.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 142.157 ng

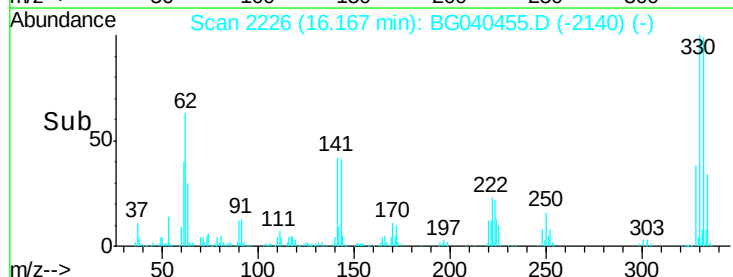
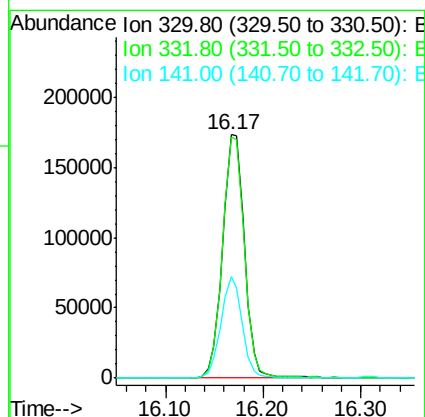
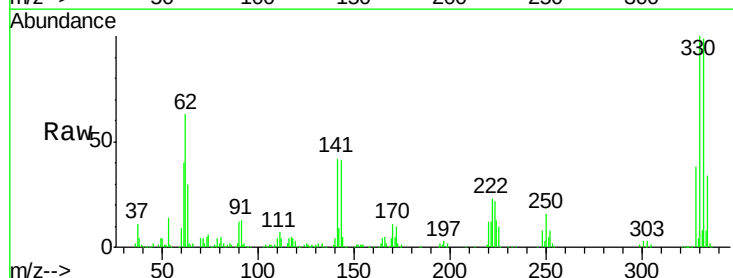
RT: 16.17 min Scan# 2226

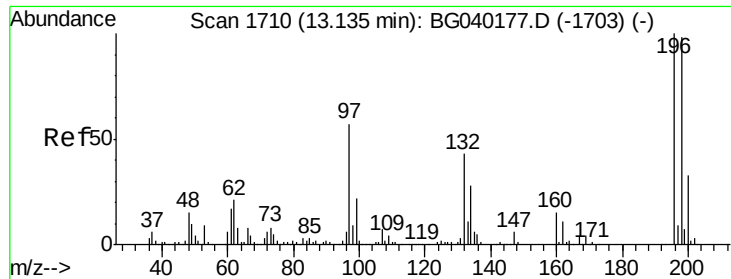
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	330	Resp:	270218
Ion Ratio	Lower	Upper	
330	100		
332	98.8	76.6	115.0
141	40.1	32.6	48.8





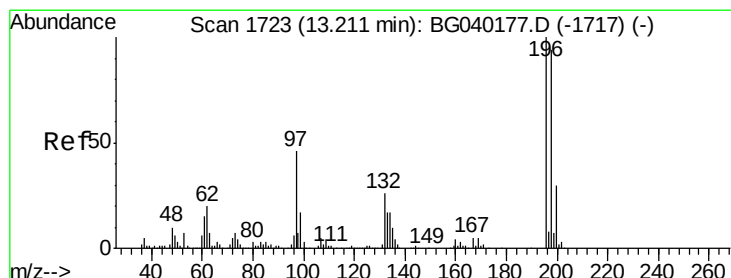
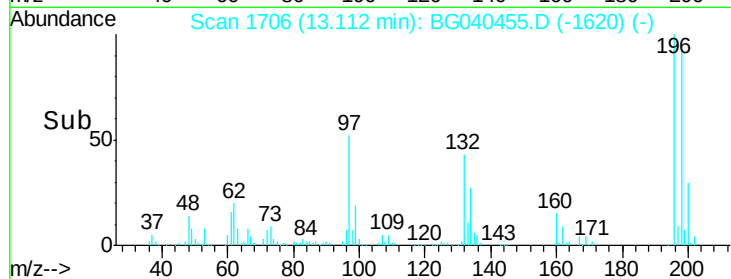
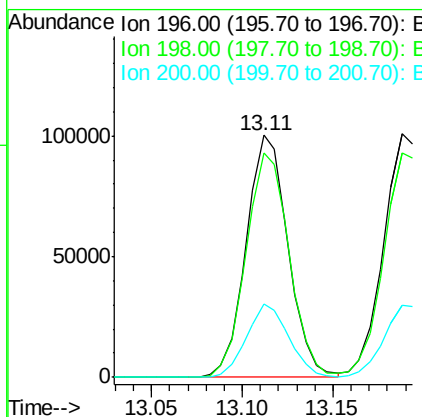
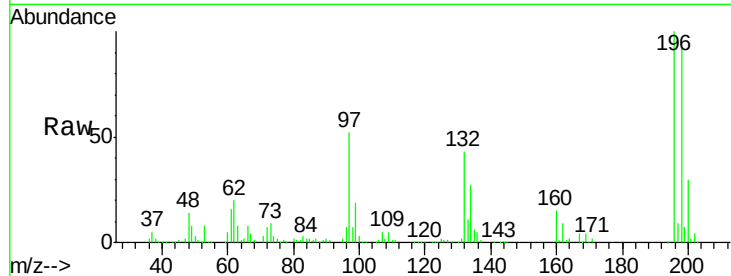
#43
 2,4,6-Trichlorophenol
 Concen: 45.027 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampled :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162285		
198	92.9	78.3	117.5	
200	30.1	26.0	39.0	

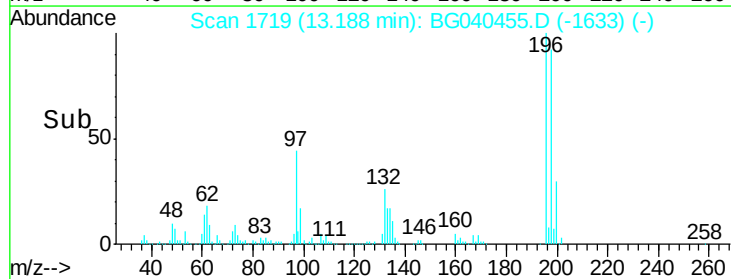
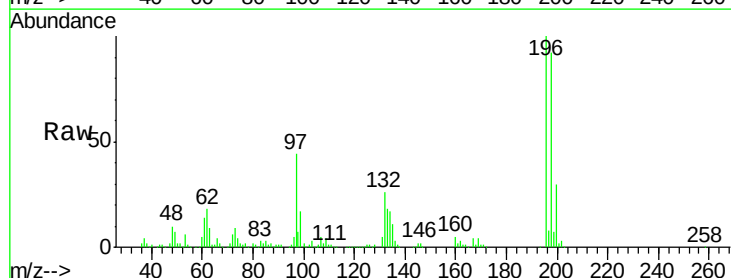
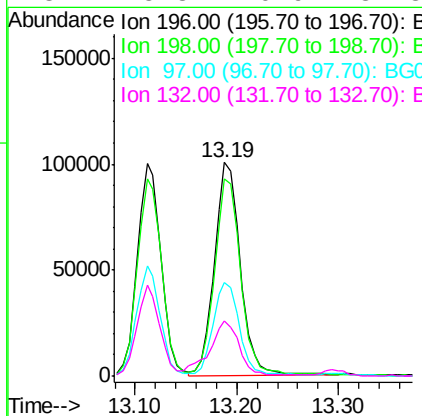
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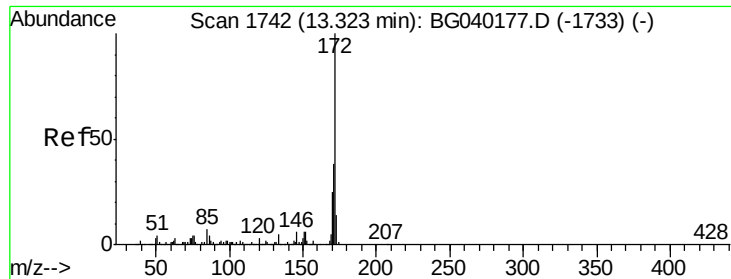
Sohil
 4/15/2019 12:30:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.675 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179433		
198	92.3	75.0	112.6	
97	43.8	37.3	55.9	
132	25.8	20.9	31.3	





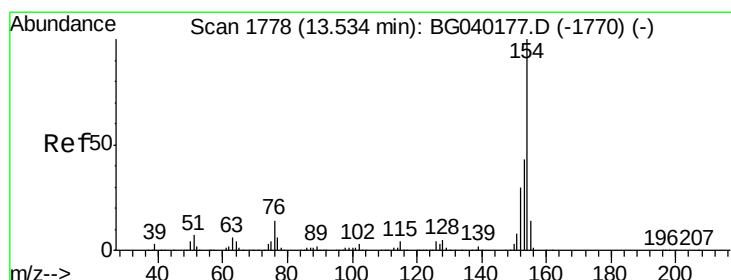
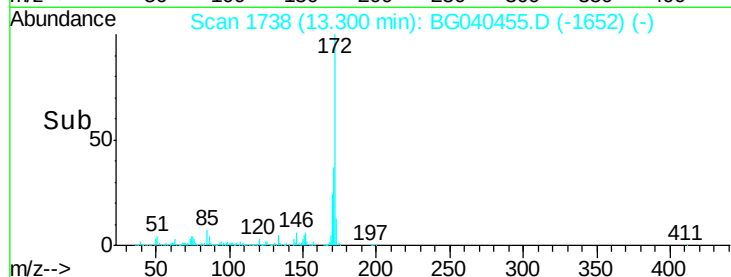
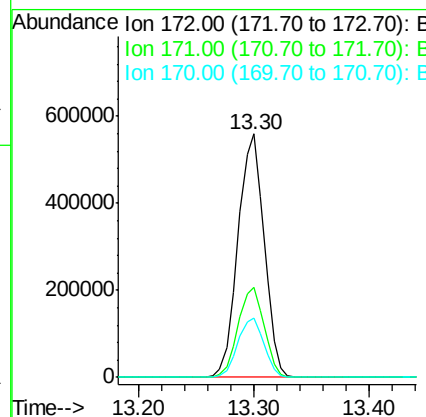
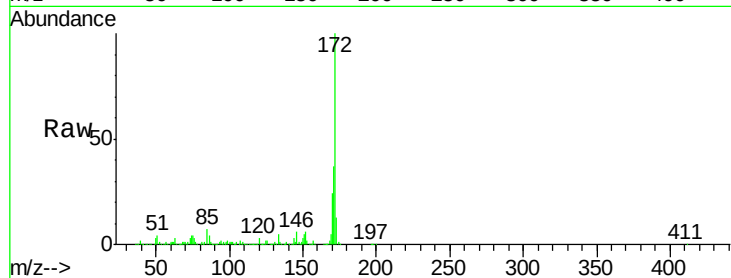
#45
2-Fluorobiphenyl
Concen: 74.046 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	878915		
171	37.0		30.5	45.7
170	24.3		20.1	30.1

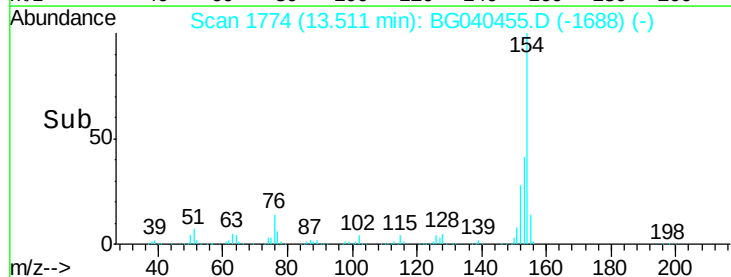
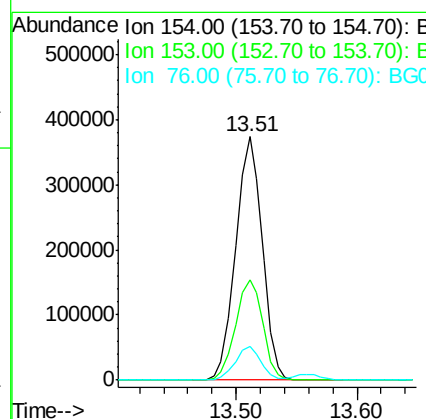
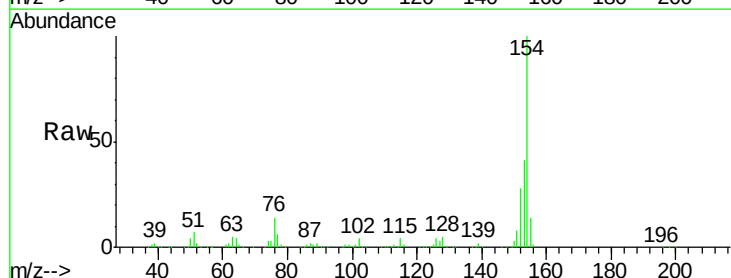
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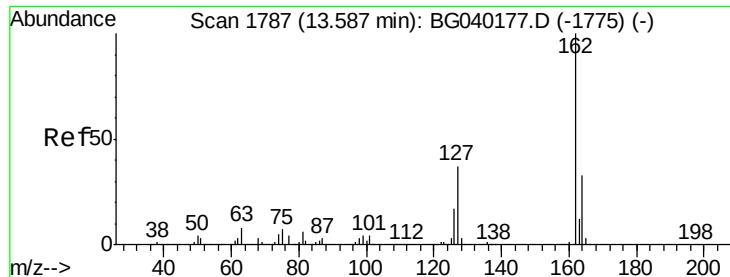
Sohil
4/15/2019 12:30:04 AM



#46
1,1'-Biphenyl
Concen: 41.184 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	572334		
153	41.4		22.5	62.5
76	13.8		0.0	33.7





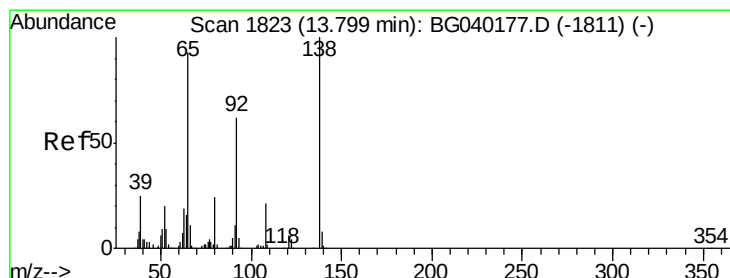
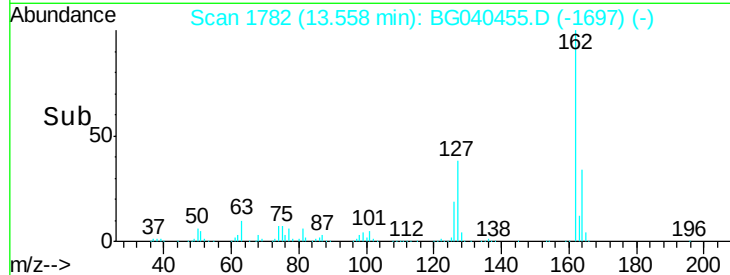
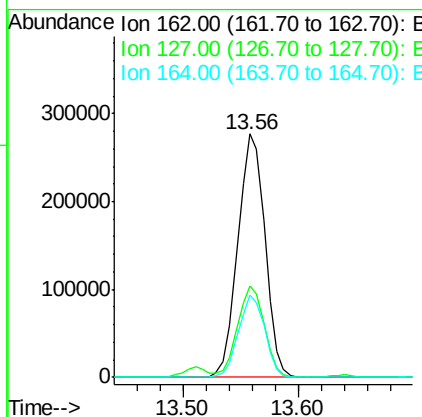
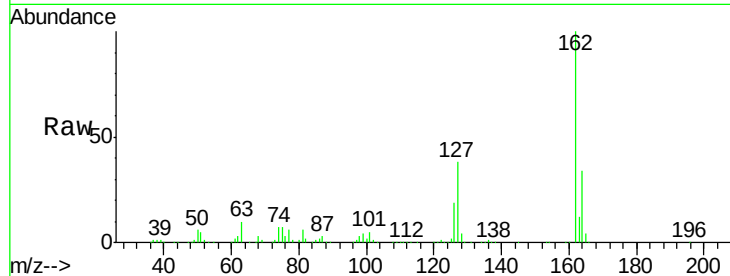
#47
 2-Chloronaphthalene
 Concen: 42.322 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	451155		
127	37.6	30.6	45.8	
164	33.9	26.2	39.4	

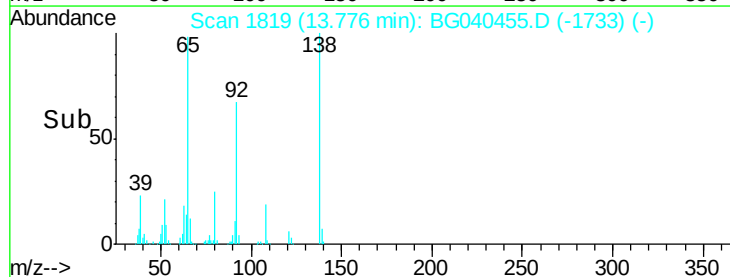
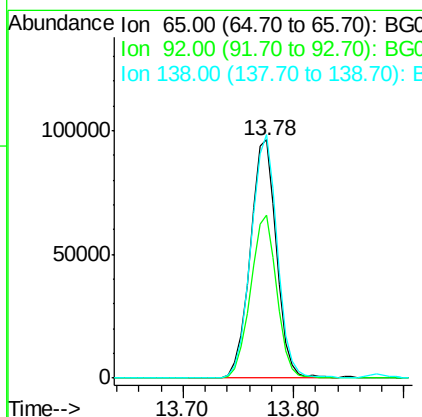
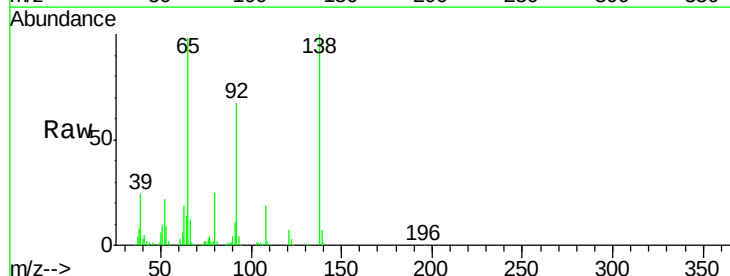
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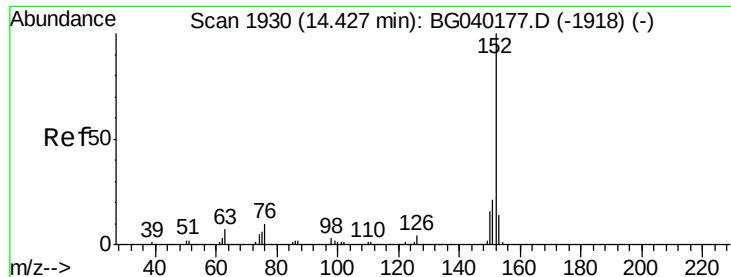
Sohil
 4/15/2019 12:30:04 AM



#48
 2-Nitroaniline
 Concen: 44.565 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	160241		
92	68.7	53.8	80.6	
138	102.3	86.3	129.5	





#49

Acenaphthylene

Concen: 40.983 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

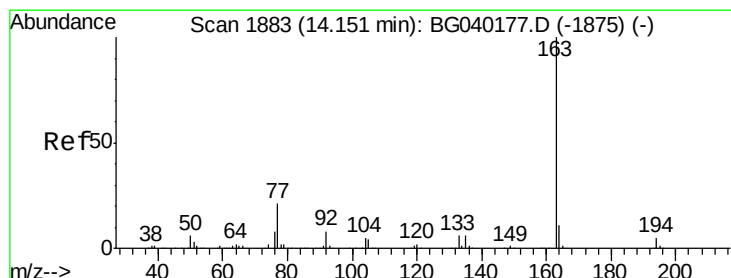
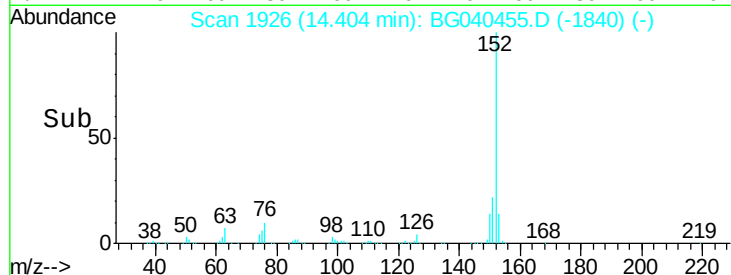
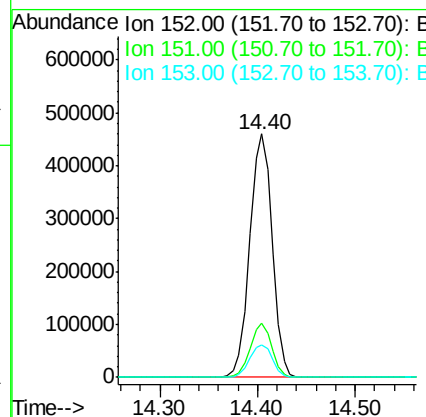
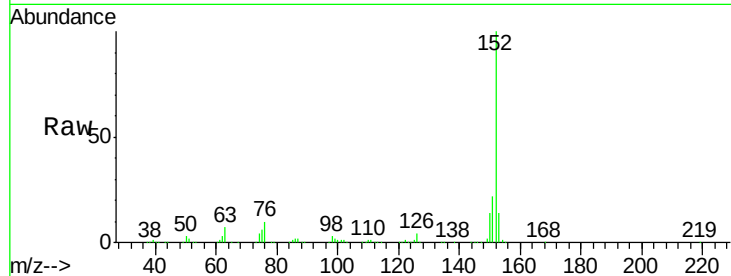
ClientSampleId :

PB118819BS

Tgt Ion:	152	Resp:	740718
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.0	25.6
153	13.6	10.8	16.2

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#50

Dimethylphthalate

Concen: 43.573 ng

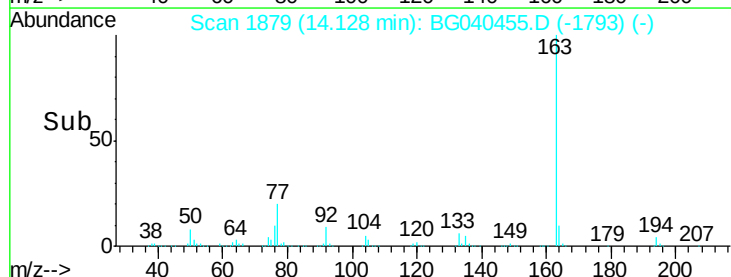
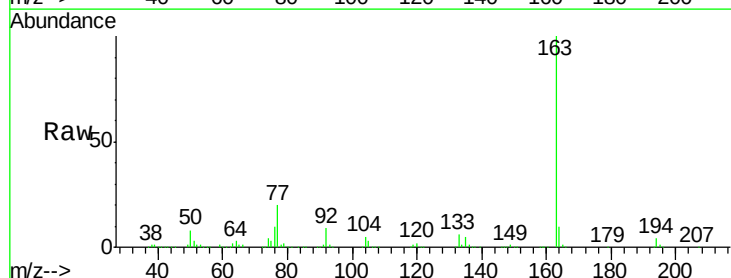
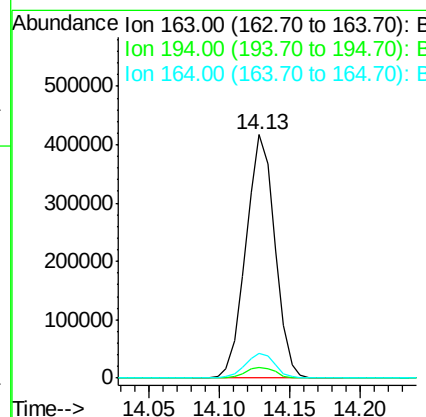
RT: 14.13 min Scan# 1879

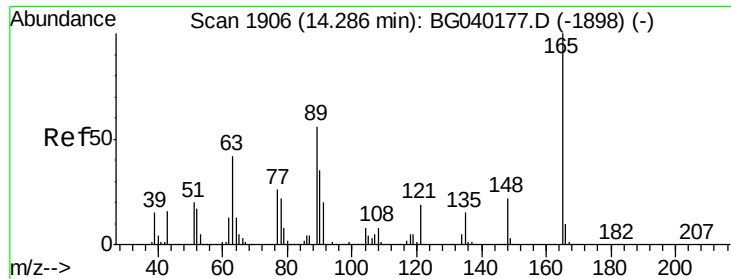
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	163	Resp:	599793
Ion Ratio	Lower	Upper	
163	100		
194	4.4	4.1	6.1
164	10.2	8.6	13.0





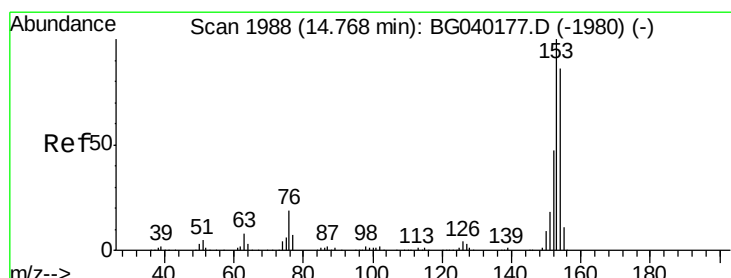
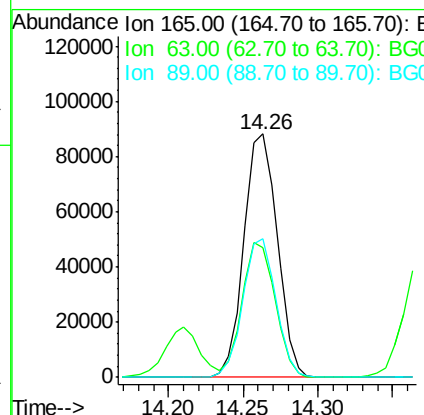
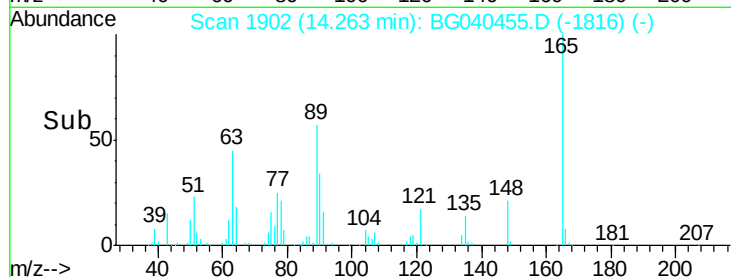
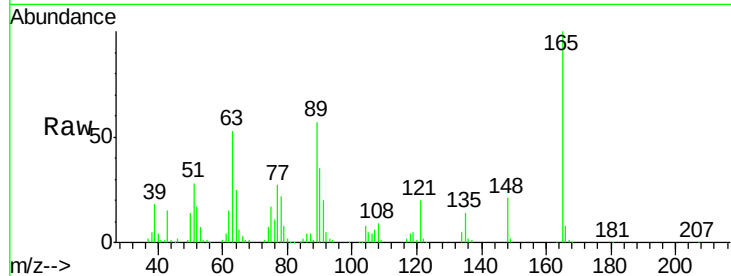
#51
 2,6-Dinitrotoluene
 Concen: 44.282 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136868		
63	53.5	44.1	66.1	
89	57.2	44.9	67.3	

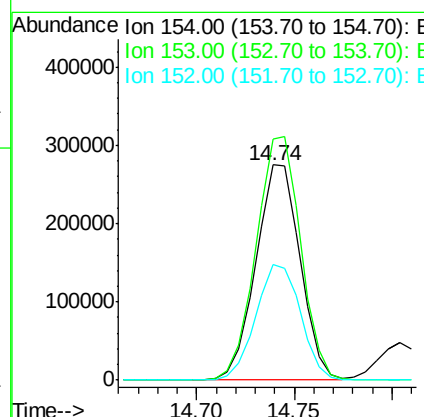
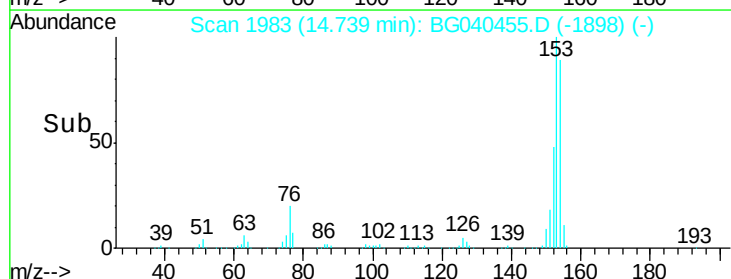
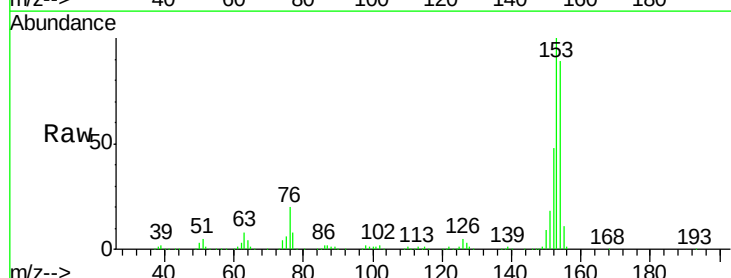
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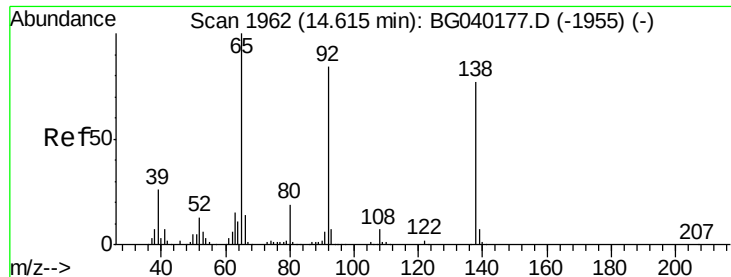
Sohil
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#52
 Acenaphthene
 Concen: 41.691 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	431773		
153	112.2	92.8	139.2	
152	53.7	43.4	65.2	





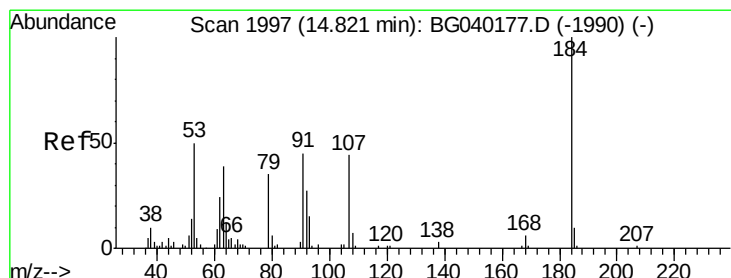
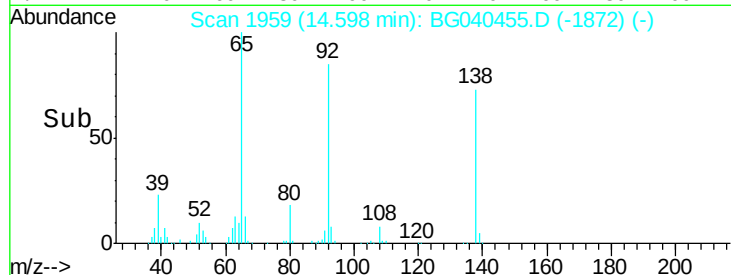
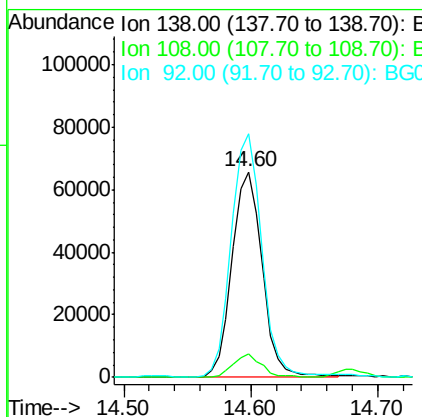
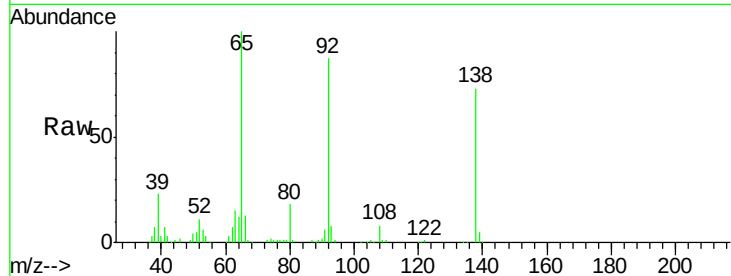
#53
3-Nitroaniline
Concen: 33.117 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampled :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	108351		
108	11.2	7.8	11.8	
92	118.5	87.5	131.3	

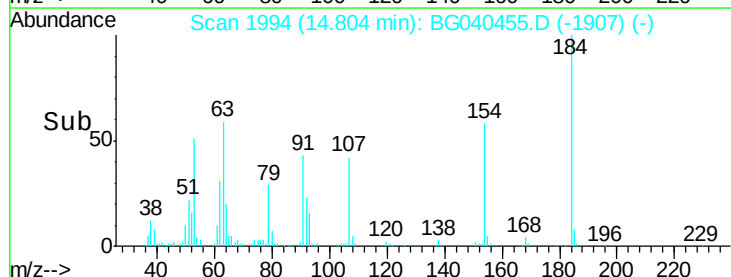
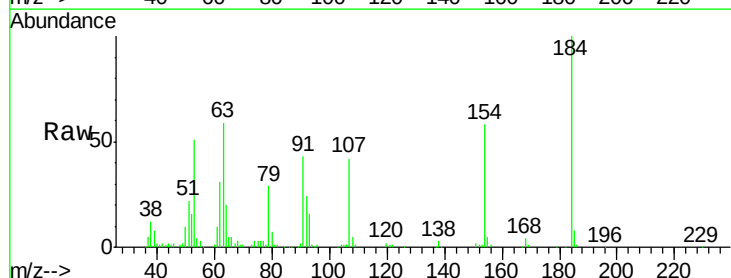
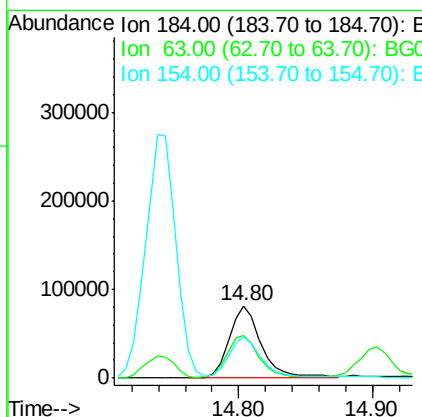
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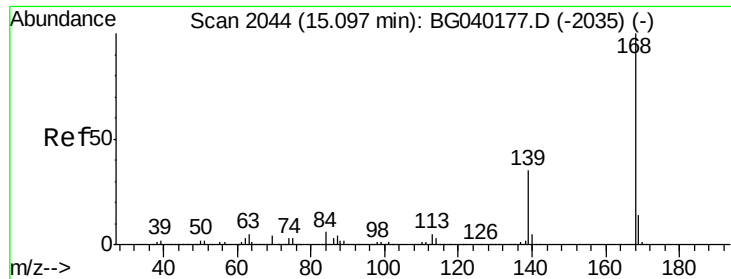
Sohil
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#54
2,4-Dinitrophenol
Concen: 83.958 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	138007		
63	59.5	51.8	77.8	
154	57.7	50.9	76.3	





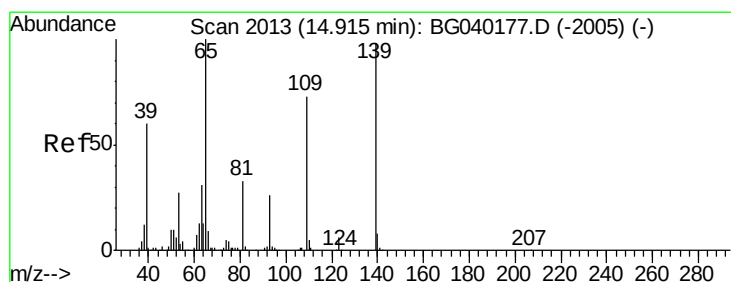
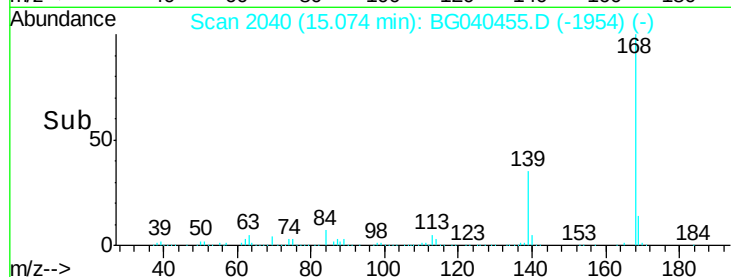
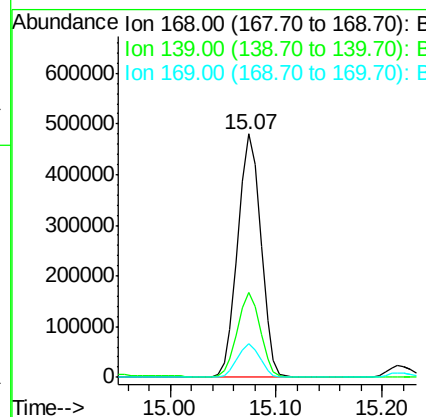
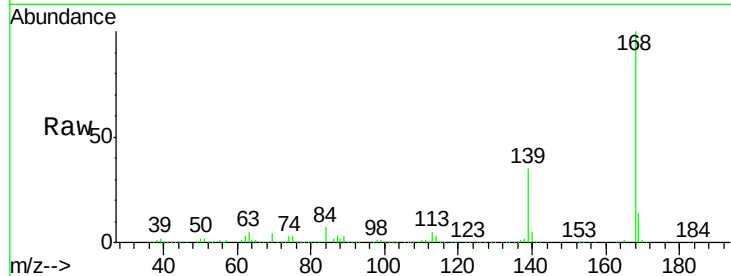
#55
Dibenzofuran
Concen: 43.597 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	725525		
139	35.1	27.9	41.9	
169	13.7	11.3	16.9	

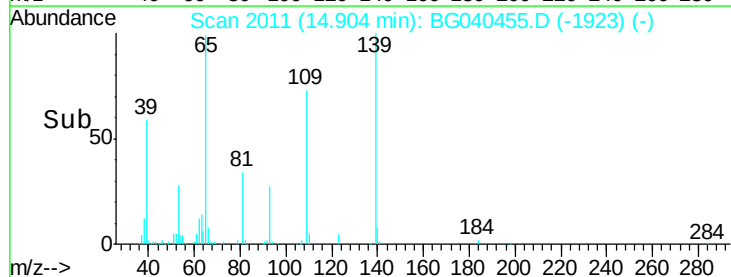
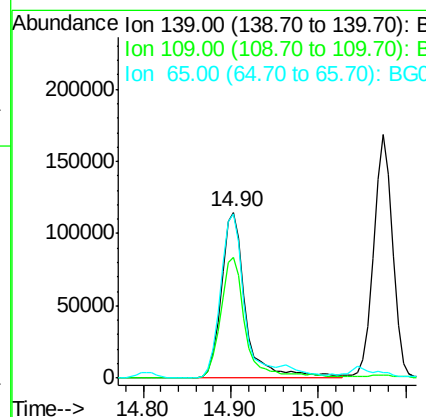
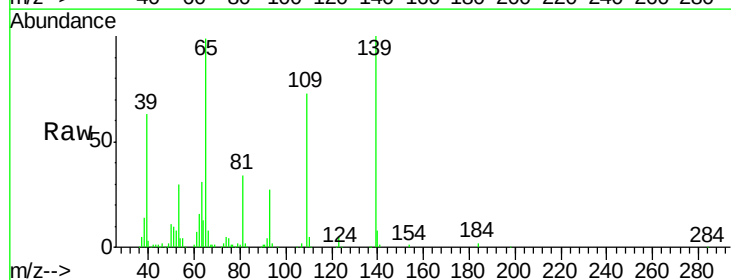
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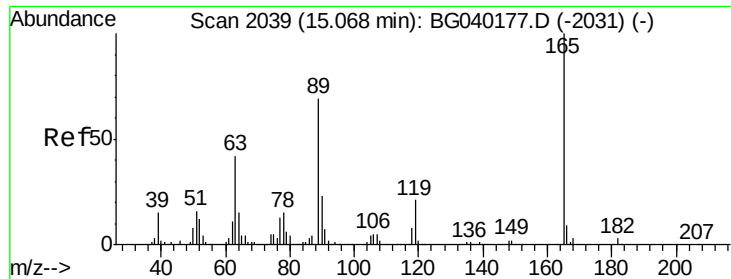
Sohil
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#56
4-Nitrophenol
Concen: 83.988 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	221775		
109	73.0	54.3	94.3	
65	99.3	82.5	122.5	





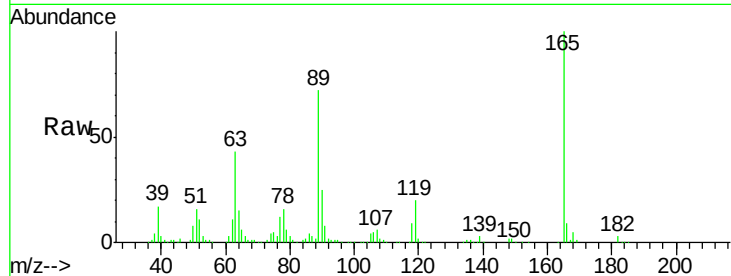
#57
2,4-Dinitrotoluene
Concen: 45.703 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

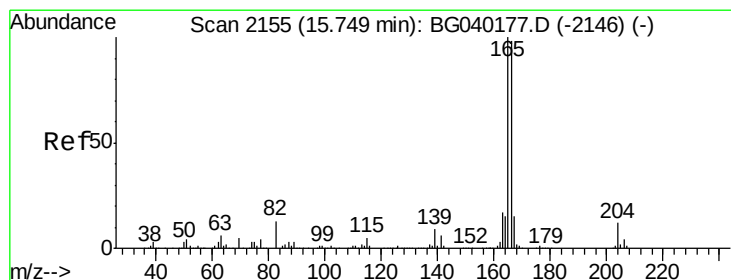
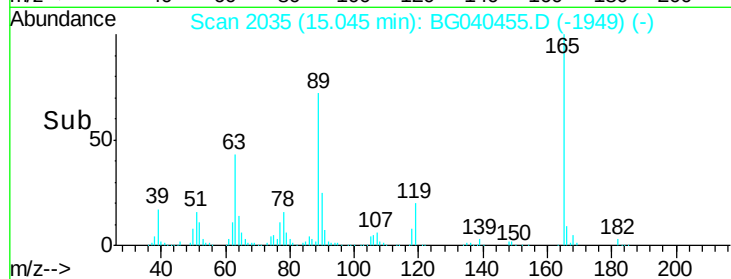
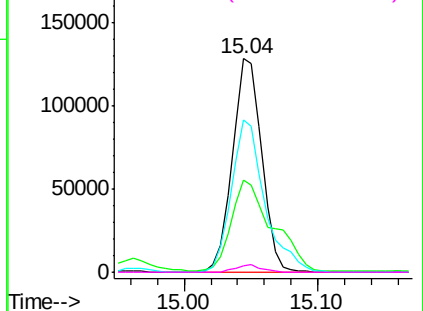
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196280		
63	43.3	33.8	50.6	
89	71.5	55.4	83.2	
182	3.1	2.2	3.4	

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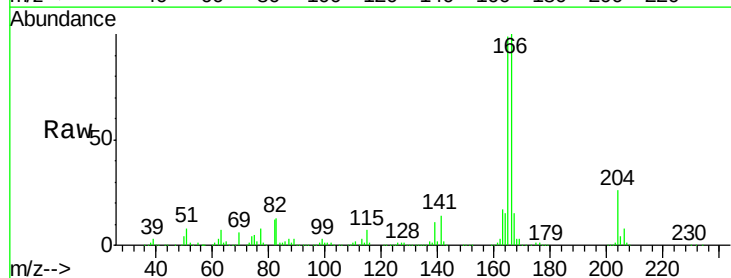


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

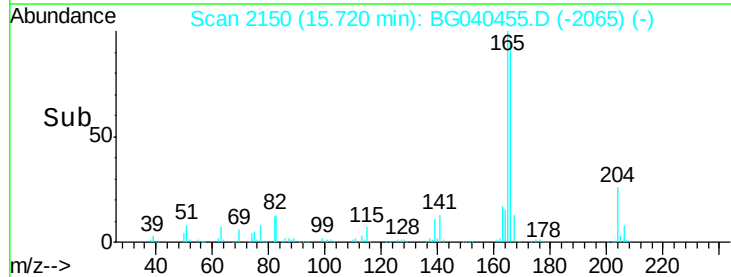
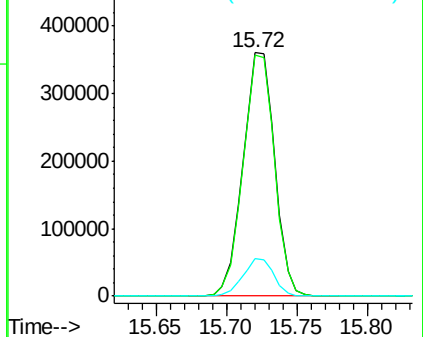


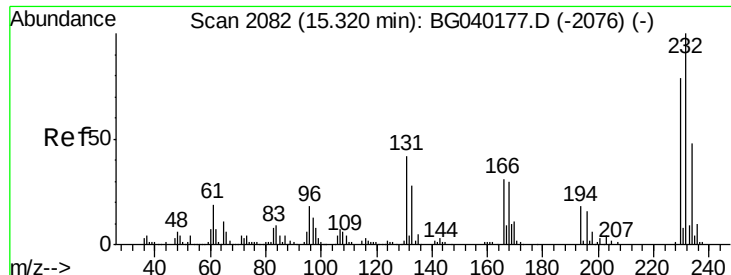
#58
Fluorene
Concen: 43.253 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	565914		
165	99.1	81.7	122.5	
167	15.4	11.9	17.9	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





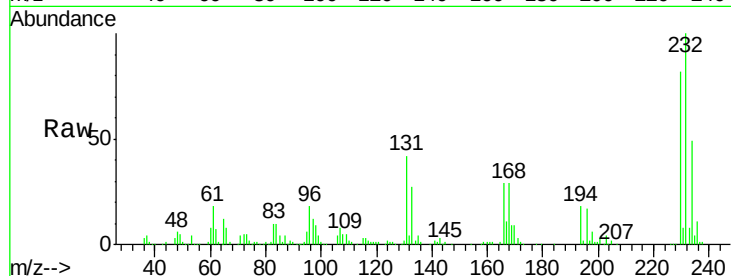
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.668 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	169931		
131	42.0	32.9	49.3	
130	2.5	1.8	2.8	
166	29.1	23.5	35.3	

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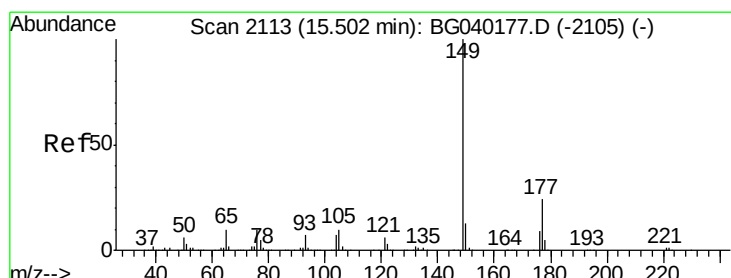
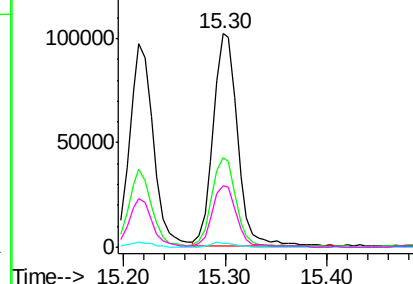
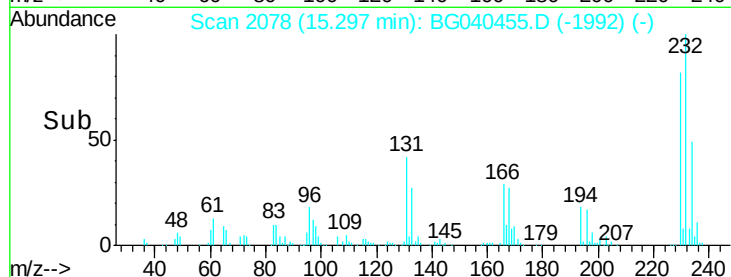
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

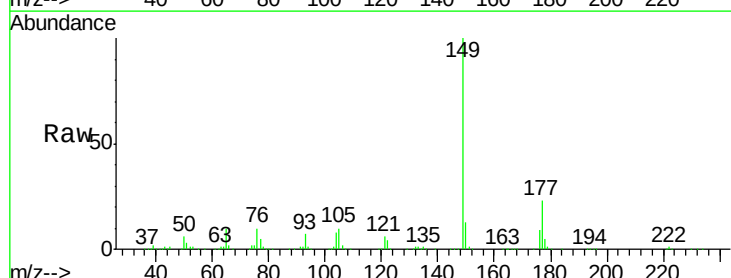
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.736 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	630150		
177	23.3	19.1	28.7	
150	12.9	10.6	15.8	

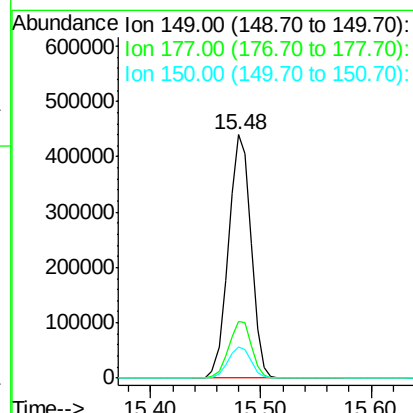
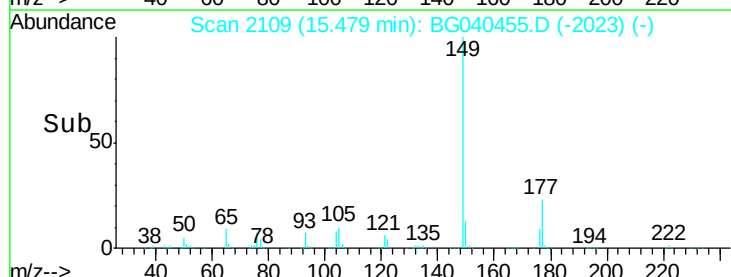


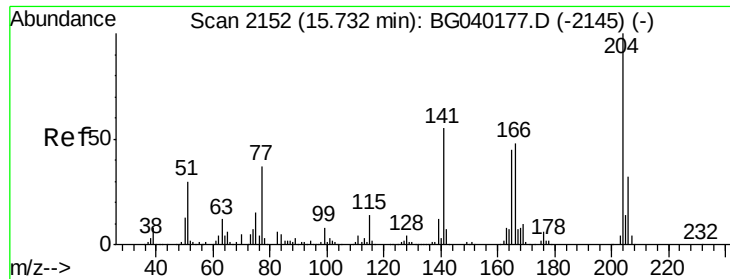
Abundance

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





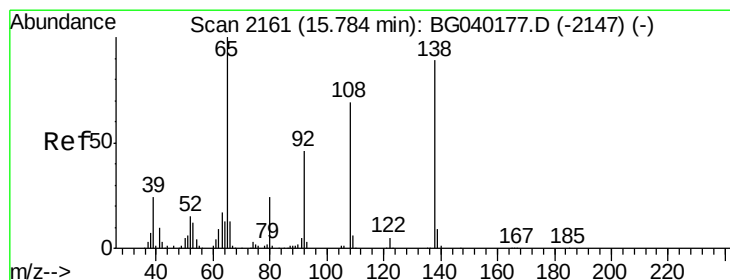
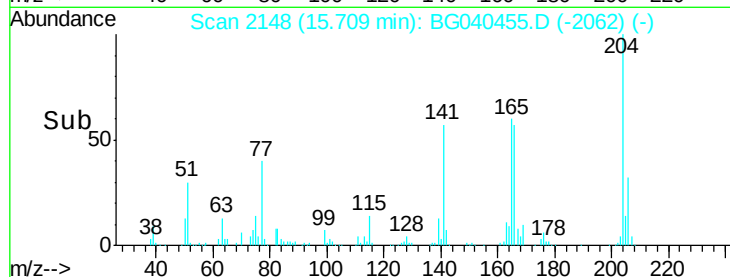
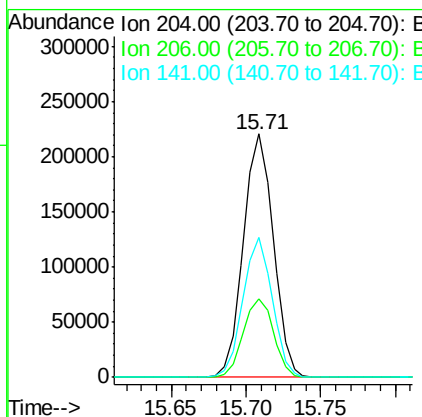
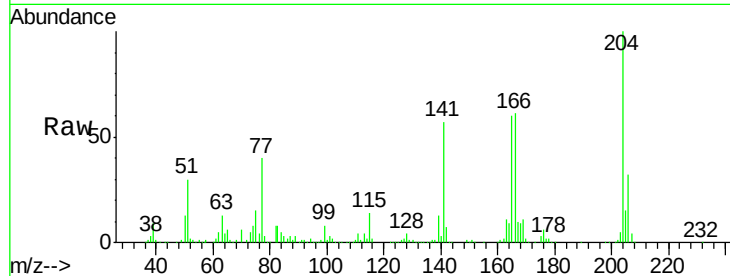
#61
 4-Chlorophenyl-phenylether
 Concen: 43.742 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	305916		
206	32.5	25.7	38.5	
141	57.4	44.0	66.0	

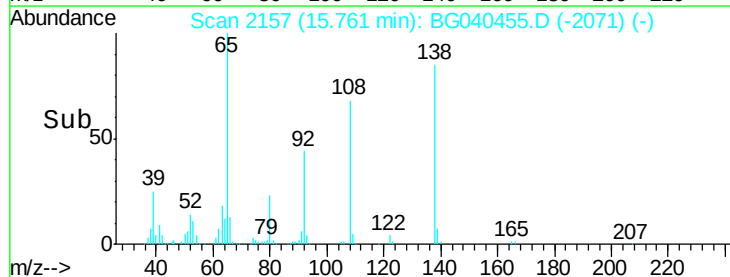
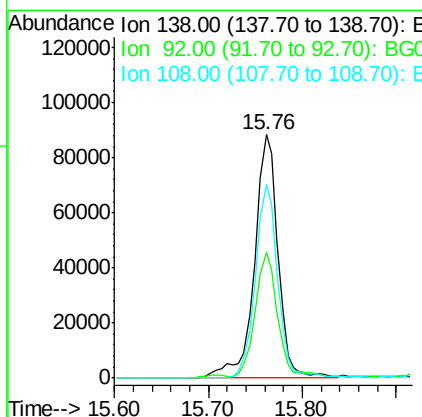
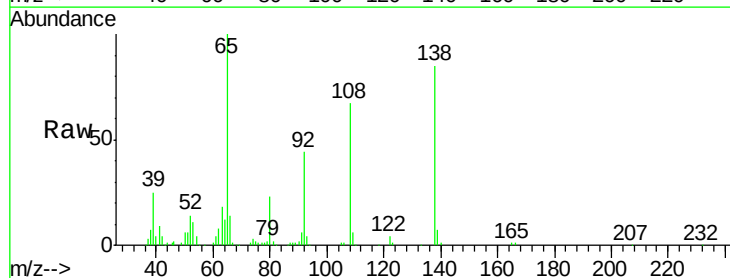
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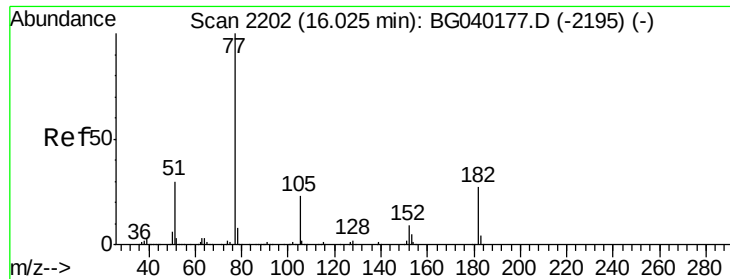
Sohil
 4/15/2019 12:30:04 AM



#62
 4-Nitroaniline
 Concen: 43.884 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	154081		
92	51.7	31.8	71.8	
108	79.6	57.2	97.2	





#63

Azobenzene

Concen: 43.384 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040455.D

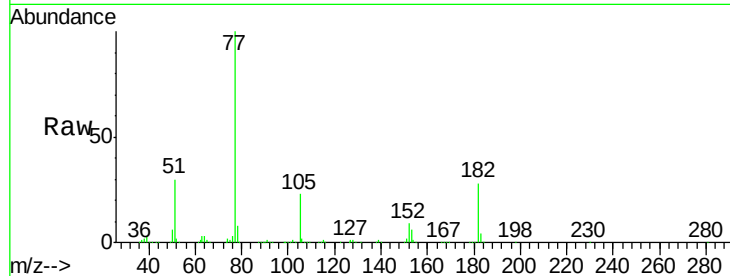
Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

PB118819BS



Tgt Ion: 77 Resp: 576436

Ion Ratio Lower Upper

77 100

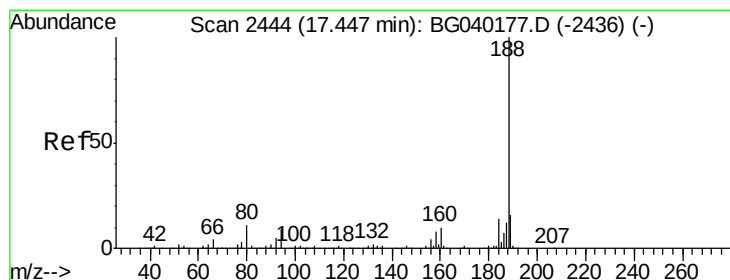
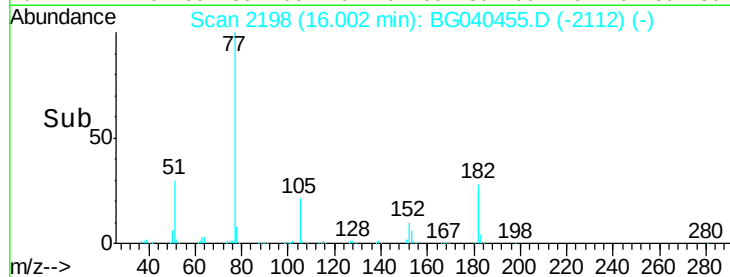
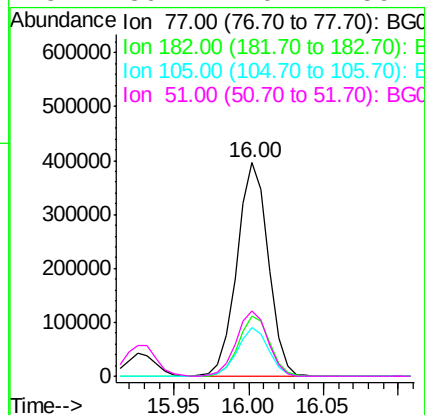
182 27.9 7.2 47.2

105 22.5 2.8 42.8

51 30.4 10.4 50.4

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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: BG040455.D

Acq: 12 Apr 2019 10:48

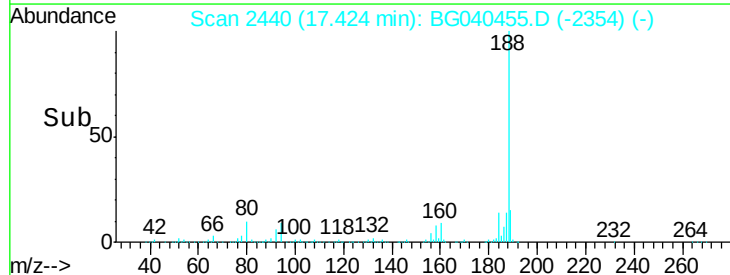
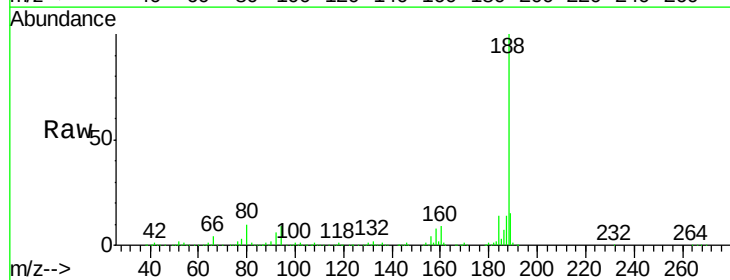
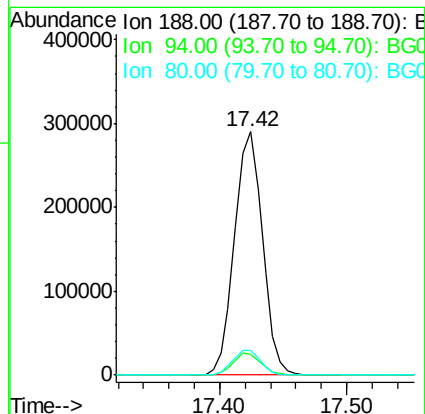
Tgt Ion: 188 Resp: 443438

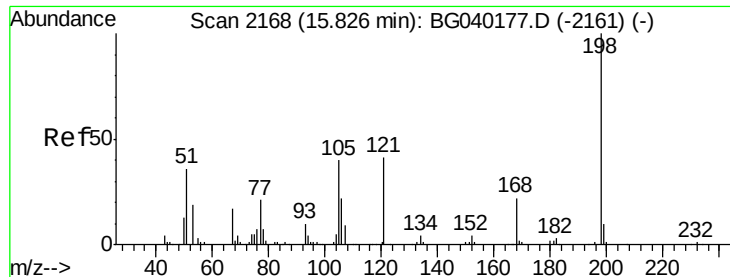
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 10.1 8.6 13.0





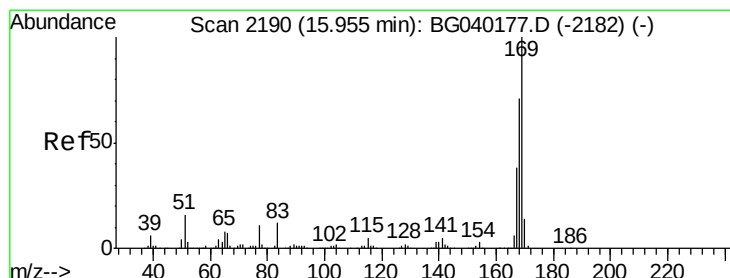
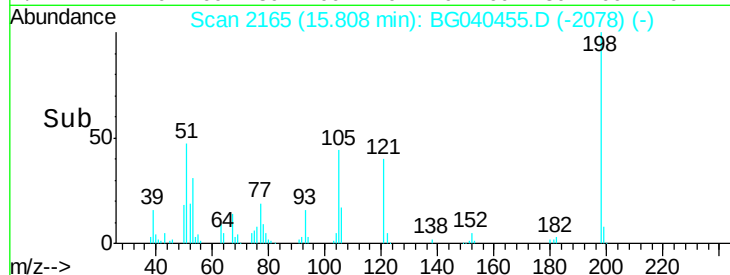
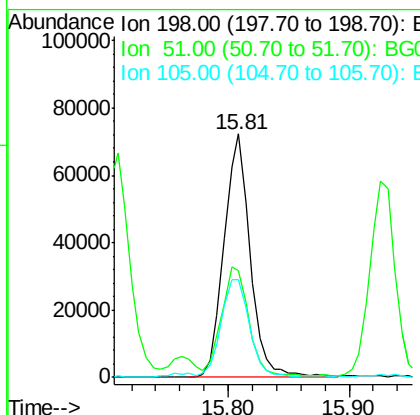
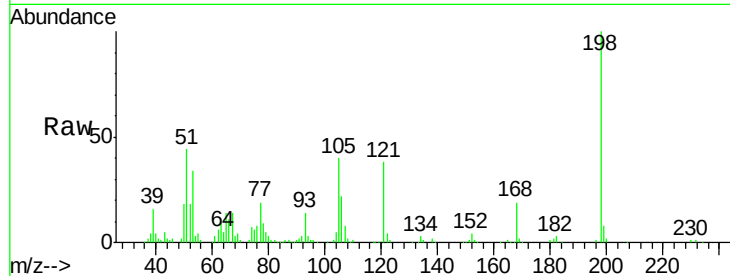
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.637 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampled :
 PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108713		
51	43.9	27.3	67.3	
105	40.3	21.7	61.7	

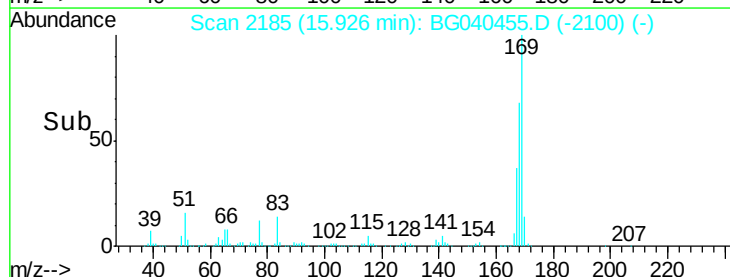
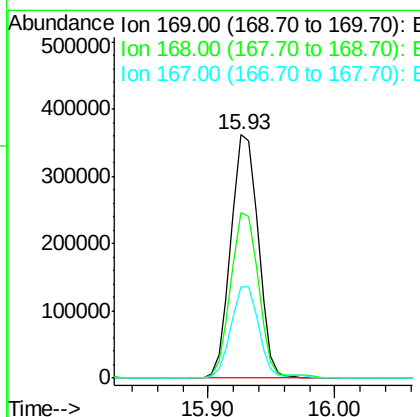
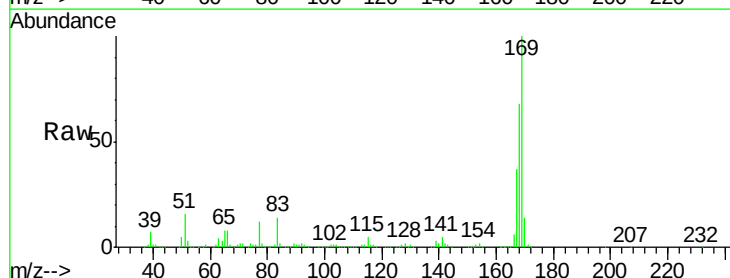
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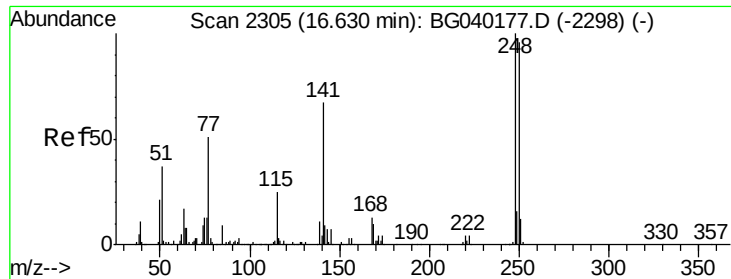
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 41.578 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	539524		
168	68.2	56.8	85.2	
167	37.3	30.2	45.4	





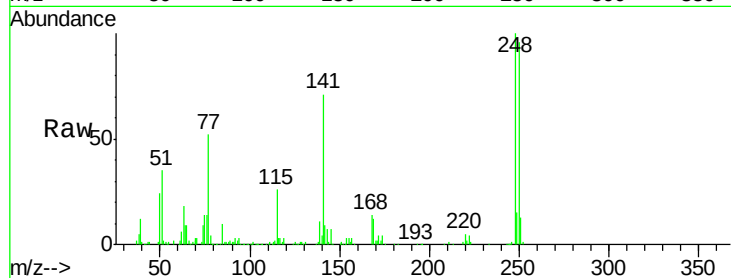
#67
4-Bromophenyl-phenylether
Concen: 40.367 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201442		
250	96.1	76.4	114.6	
141	71.3	53.8	80.8	

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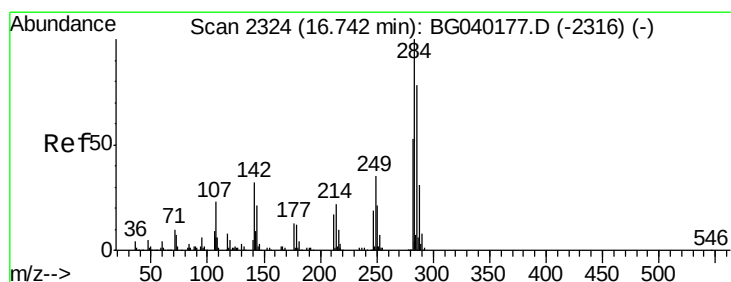
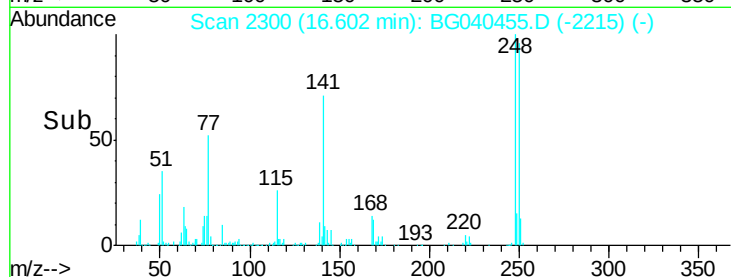
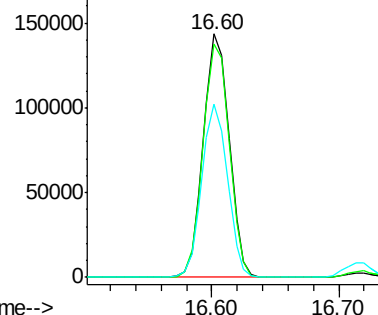


Abundance

Ion 248.00 (247.70 to 248.70): E

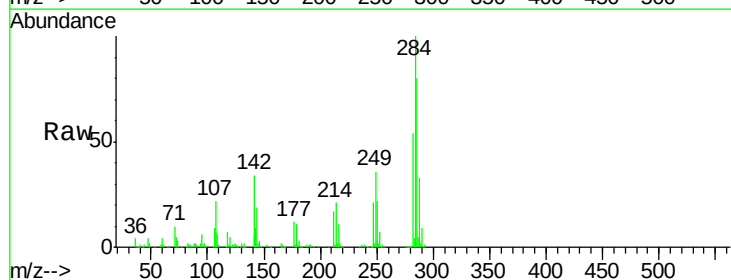
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.236 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	206900		
142	33.9	25.3	37.9	
249	35.6	28.2	42.2	

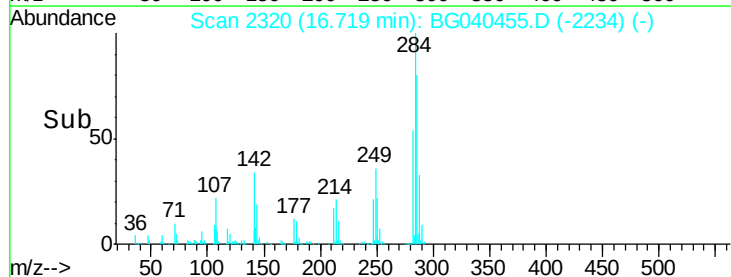
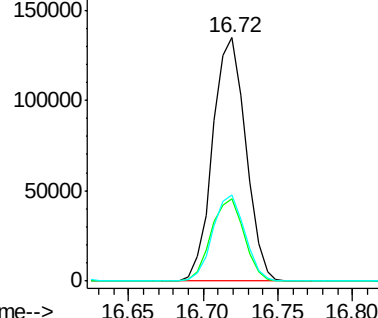


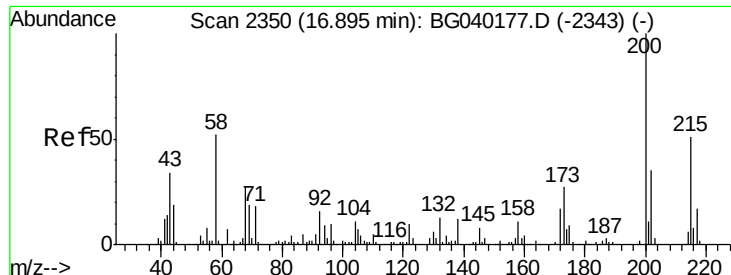
Abundance

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





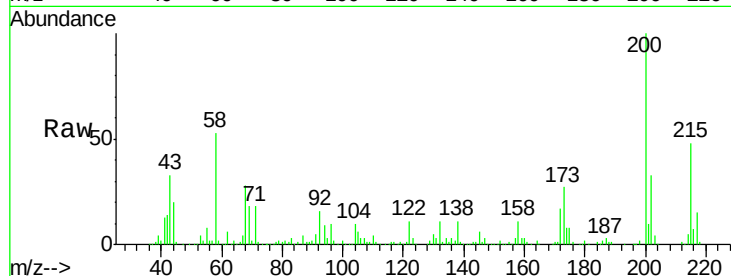
#69
 Atrazine
 Concen: 41.700 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BS

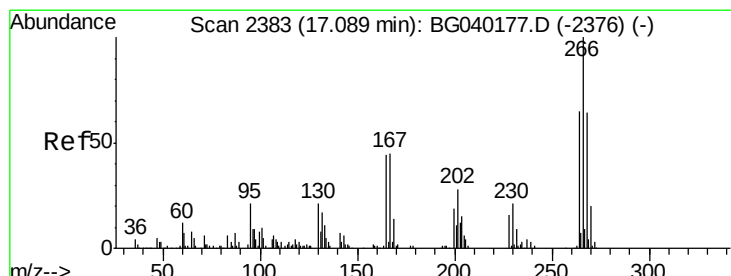
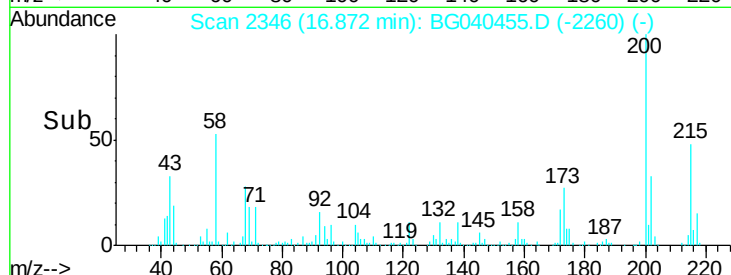
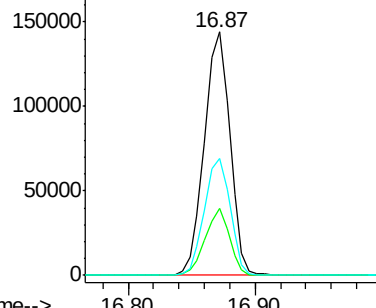
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	7.1	47.1
215	48.0	30.9	70.9

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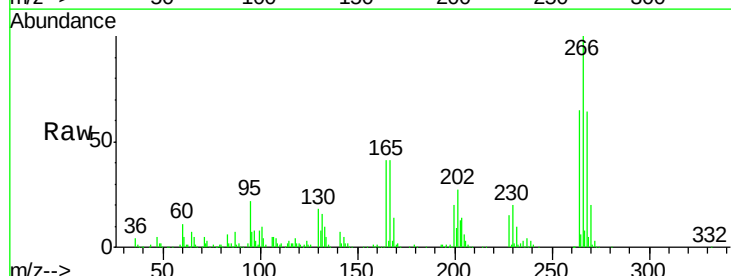


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

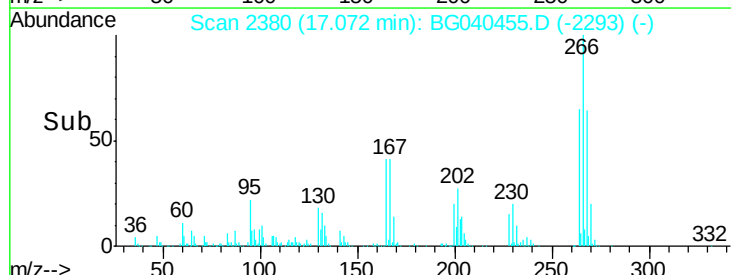
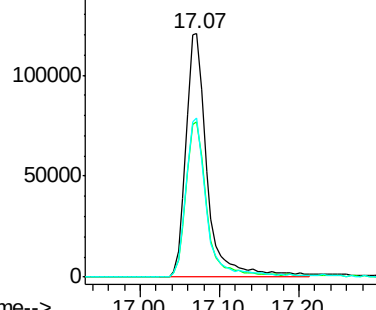


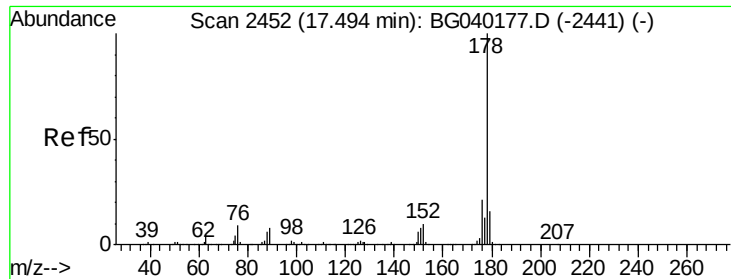
#70
 Pentachlorophenol
 Concen: 77.307 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	55.0	82.4
264	65.1	51.8	77.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.845 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

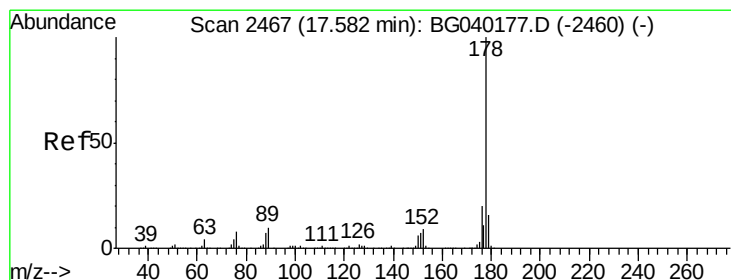
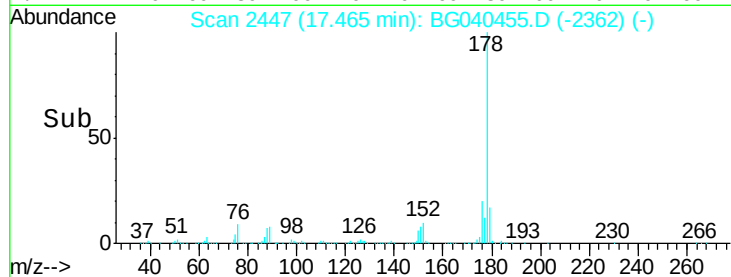
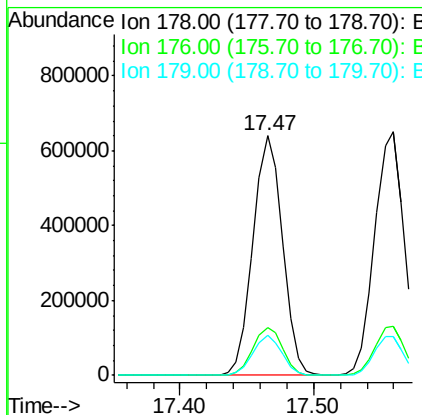
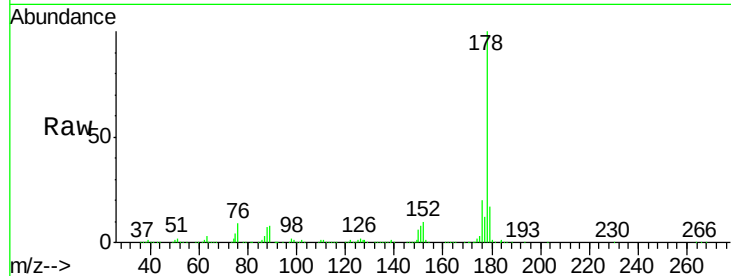
ClientSampleId :

PB118819BS

Tgt Ion:	178	Resp:	975313
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.7	25.1
179	16.5	12.8	19.2

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#72

Anthracene

Concen: 42.759 ng

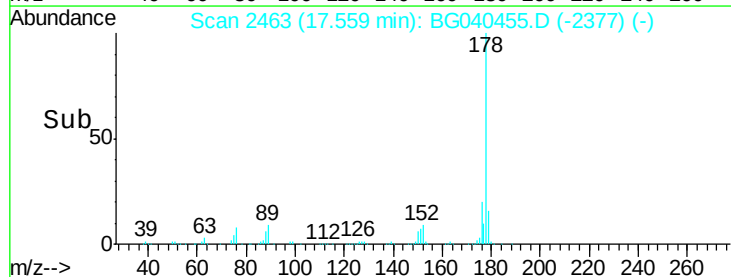
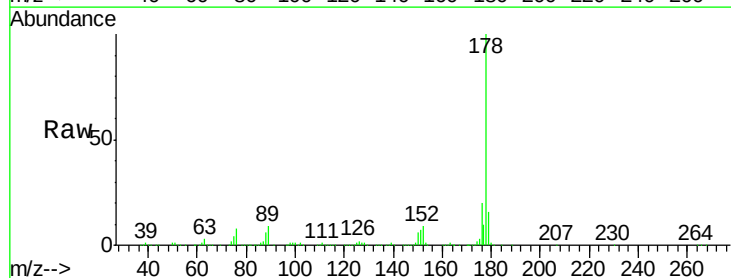
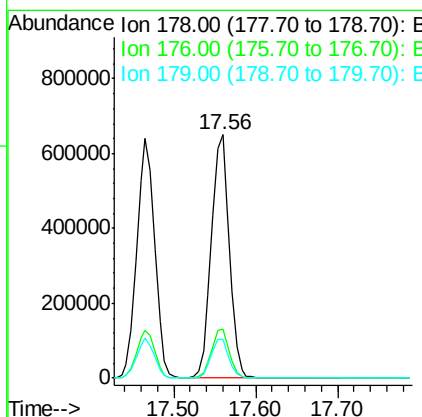
RT: 17.56 min Scan# 2463

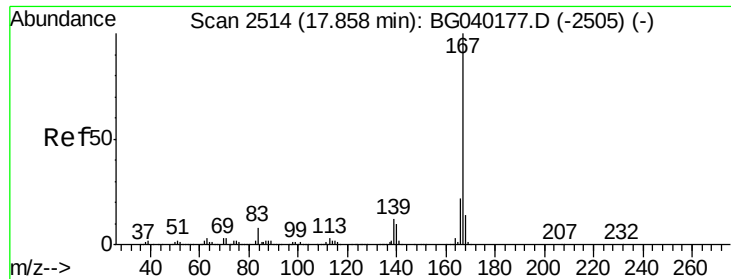
Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	178	Resp:	997537
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.9	23.9
179	16.2	12.9	19.3





#73

Carbazole

Concen: 42.433 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

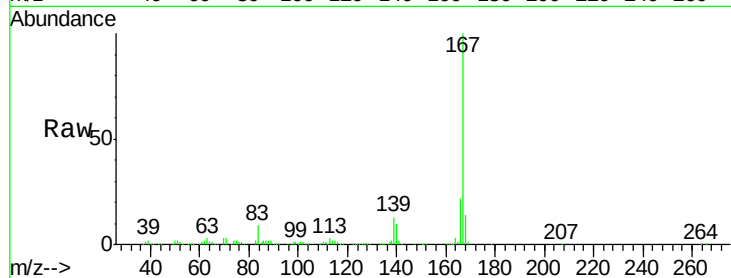
ClientSampleId :

PB118819BS

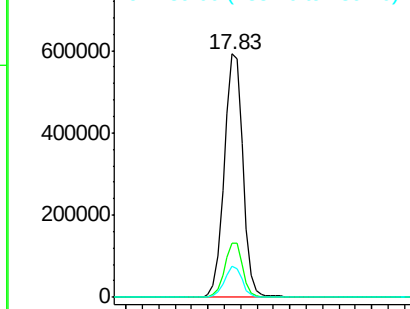
Tgt Ion:	167	Resp:	936867
Ion Ratio		Lower	Upper
167	100		
166	22.5	17.5	26.3
139	12.7	10.0	15.0

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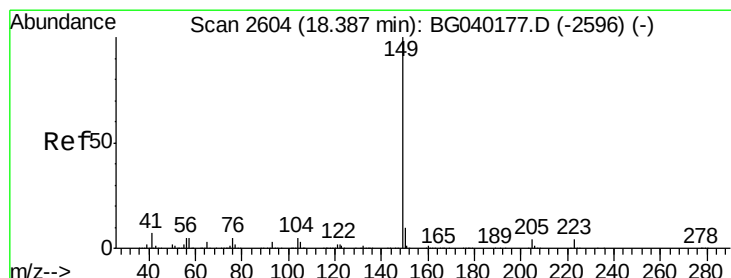
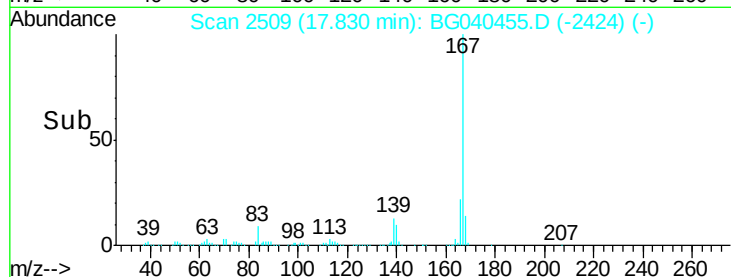
Sohil
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time--> 17.70 17.80 17.90 18.00



#74

Di-n-butylphthalate

Concen: 42.330 ng

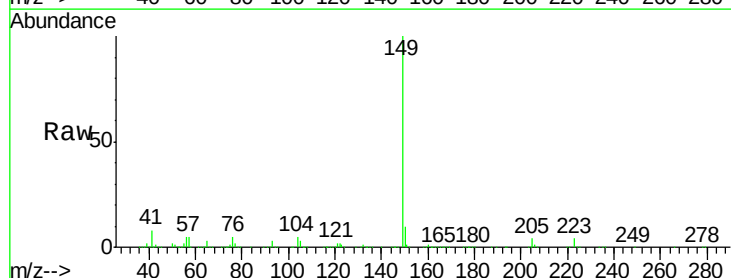
RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

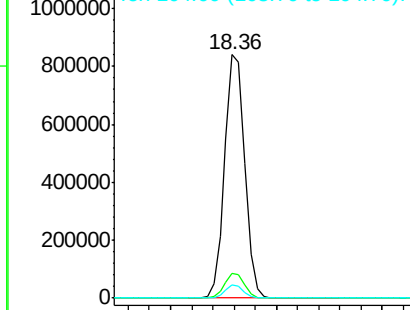
Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

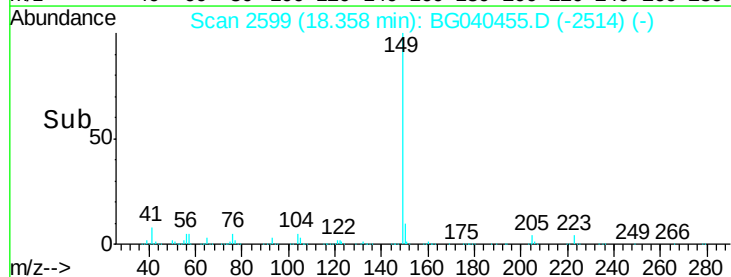
Tgt Ion:	149	Resp:	1107818
Ion Ratio		Lower	Upper
149	100		
150	10.2	7.9	11.9
104	5.4	4.1	6.1

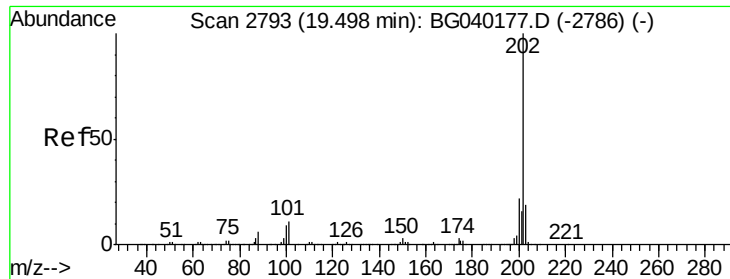


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40 18.50





#75

Fluoranthene

Concen: 43.069 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

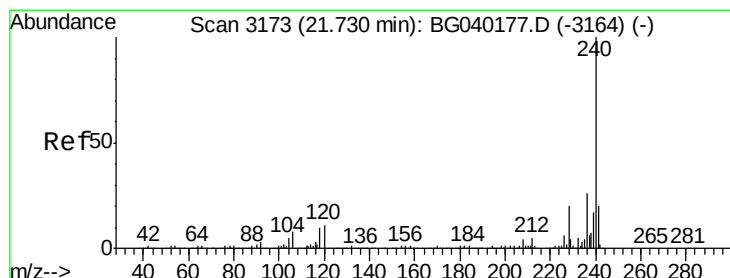
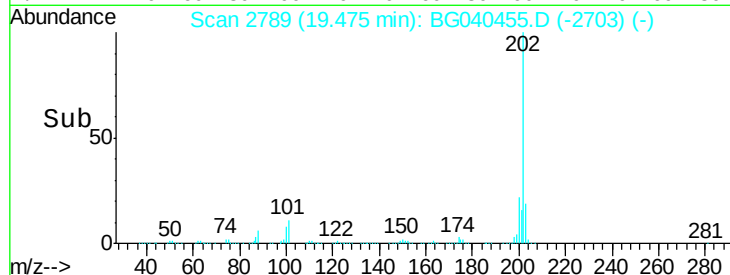
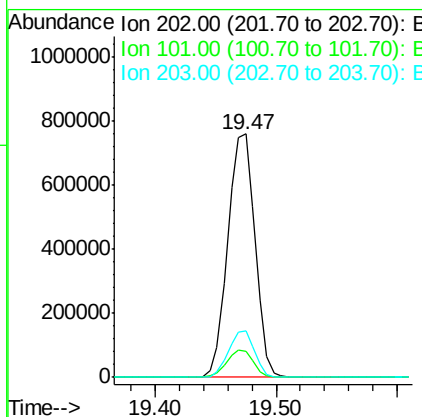
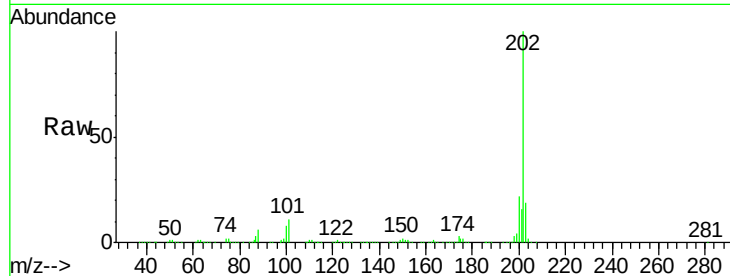
ClientSampleId :

PB118819BS

Tgt Ion:	202	Resp:	1188694
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.8
203	19.1	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

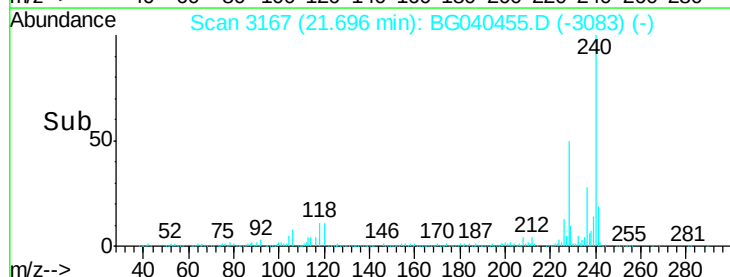
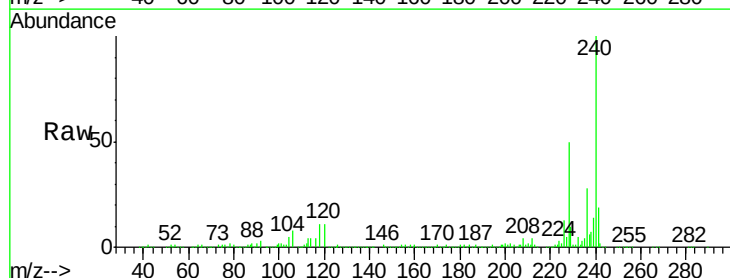
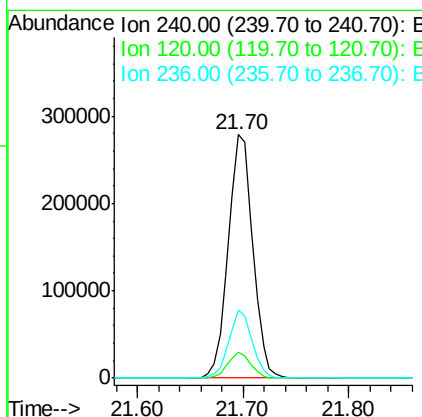
RT: 21.70 min Scan# 3167

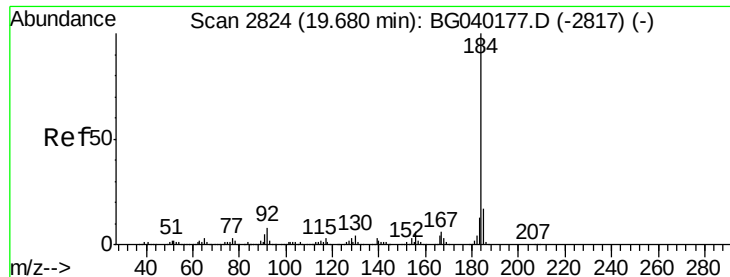
Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	240	Resp:	445818
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.4	12.6
236	27.8	20.8	31.2





#77

Benzidine

Concen: 27.033 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

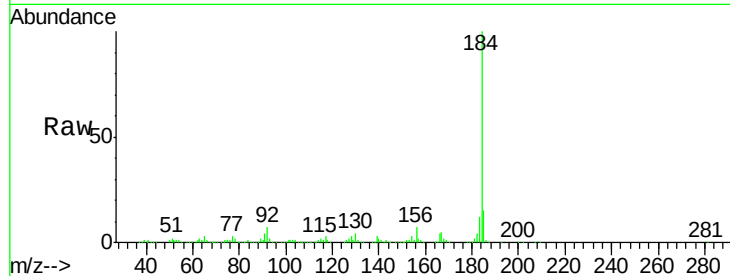
ClientSampleId :

PB118819BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	435198		
185	15.3	13.3	19.9	
183	12.0	10.3	15.5	

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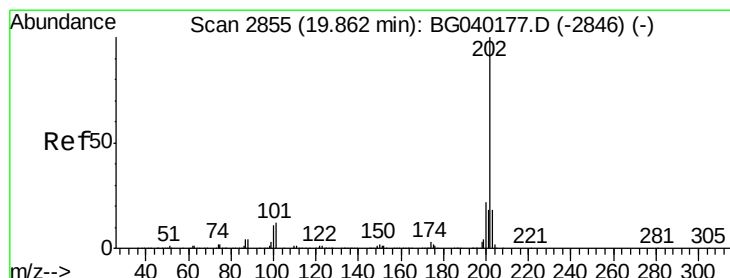
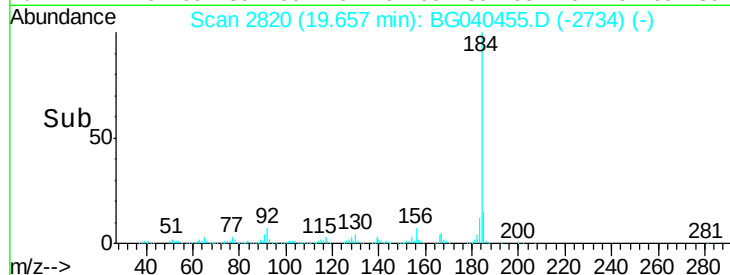
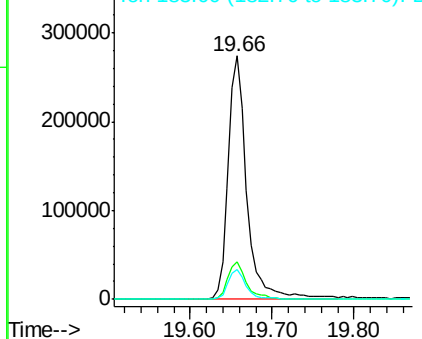
Sohil
4/15/2019 12:30:04 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.563 ng

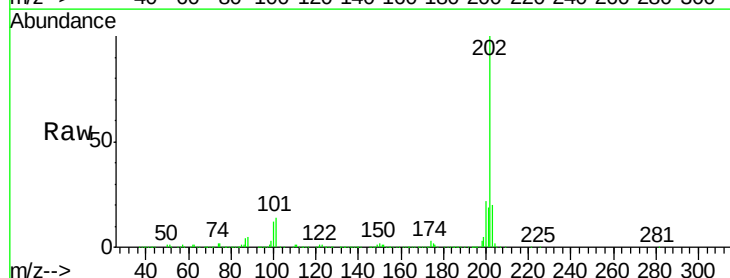
RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

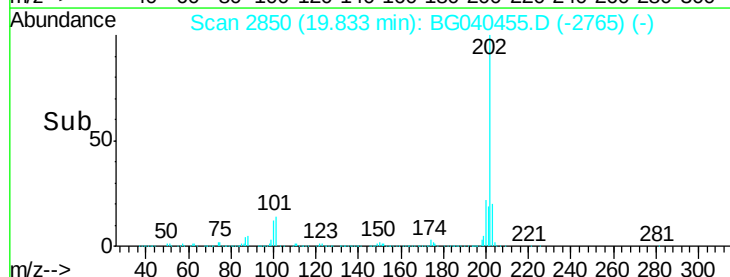
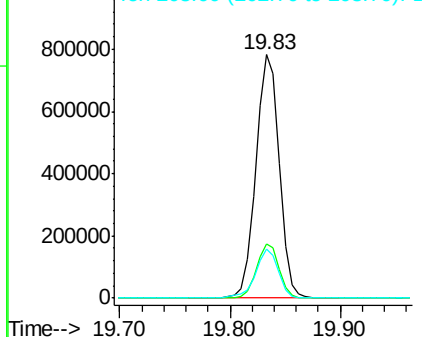
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1159888		
200	22.2	17.3	25.9	
203	20.2	14.6	22.0	

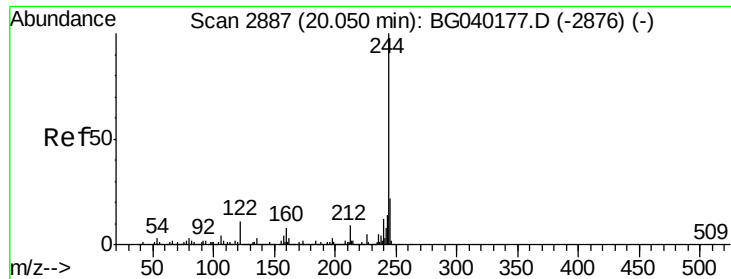


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.600 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampled :

PB118819BS

Tgt Ion:244 Resp: 1418908

Ion Ratio Lower Upper

244 100

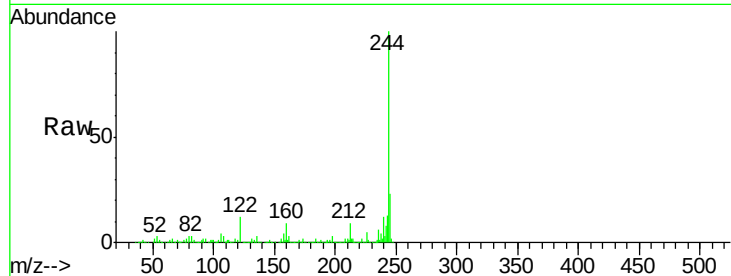
212 9.1 7.0 10.6

122 11.6 8.5 12.7

Manual Integrations
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Sohil

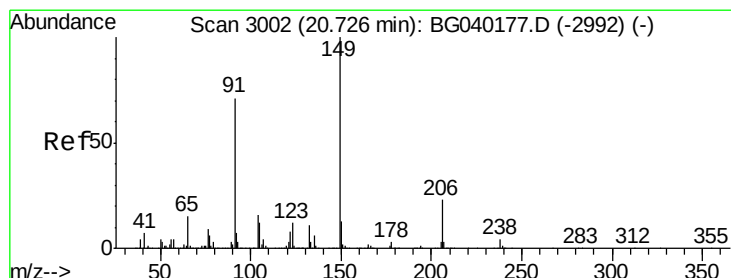
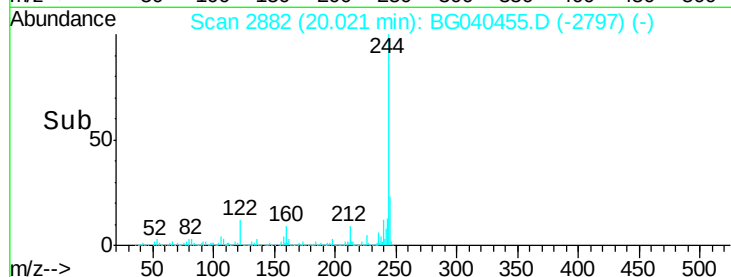
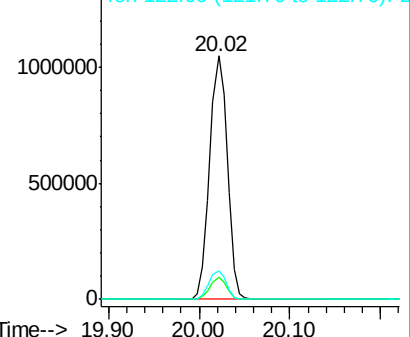
4/15/2019 12:30:04 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.679 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

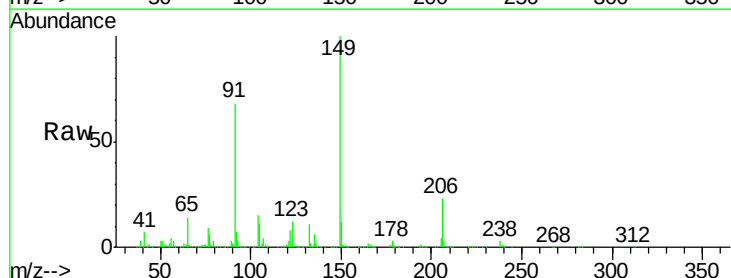
Tgt Ion:149 Resp: 535428

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

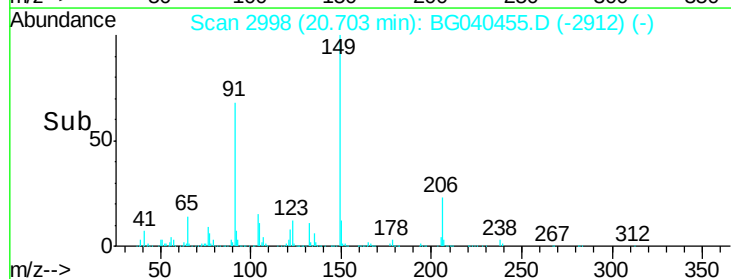
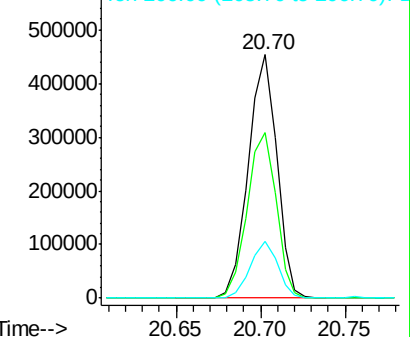
206 23.4 18.2 27.4

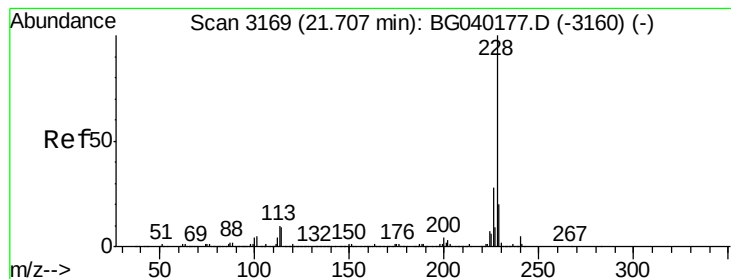


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.298 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

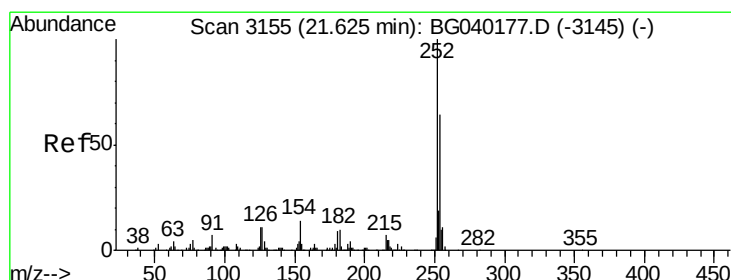
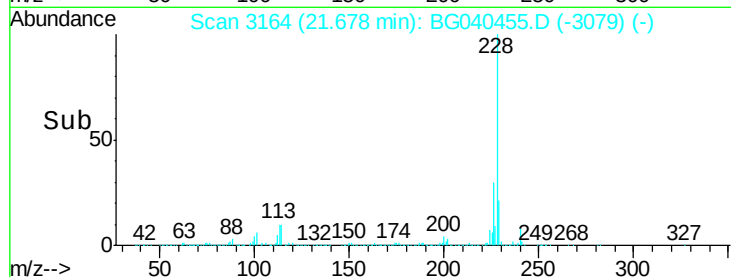
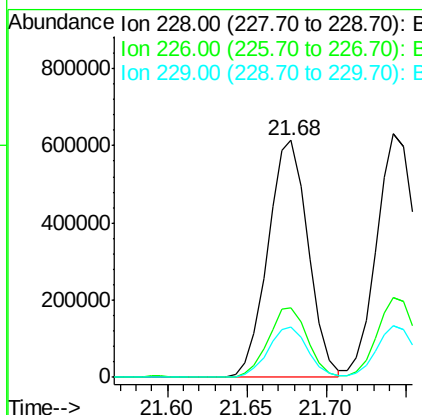
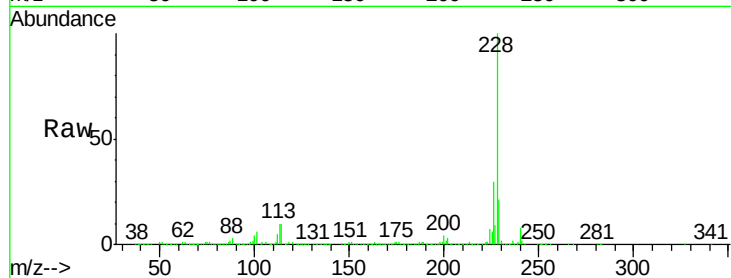
ClientSampleId :

PB118819BS

Tgt Ion:	228	Resp:	1079134
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	34.0
229	21.4	16.1	24.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.778 ng

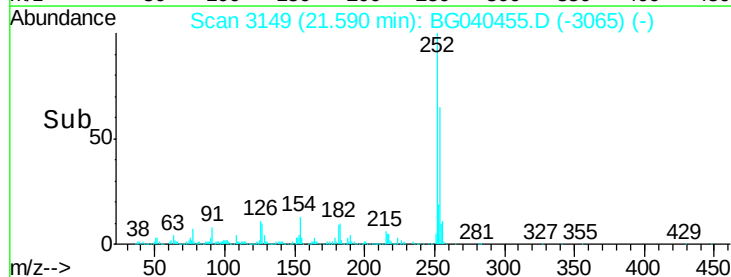
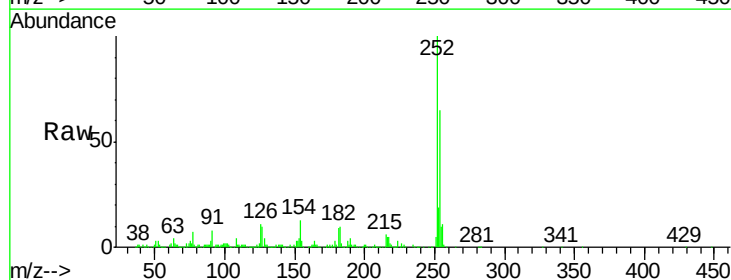
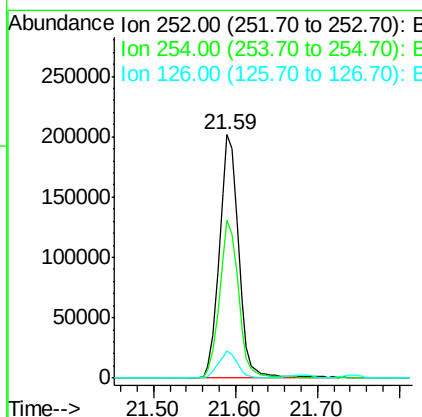
RT: 21.59 min Scan# 3149

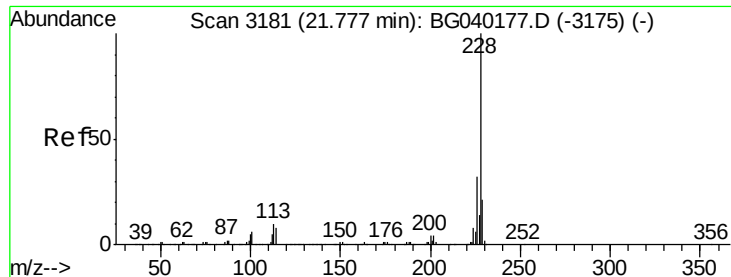
Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:	252	Resp:	331955
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.1	8.5	12.7





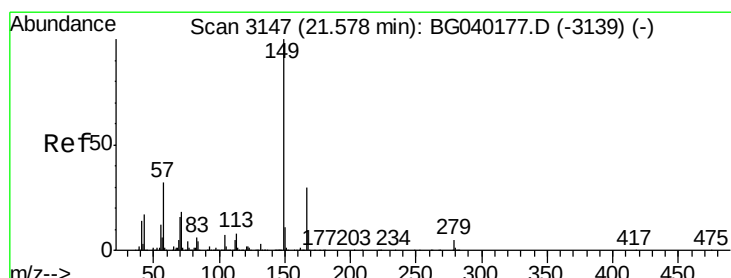
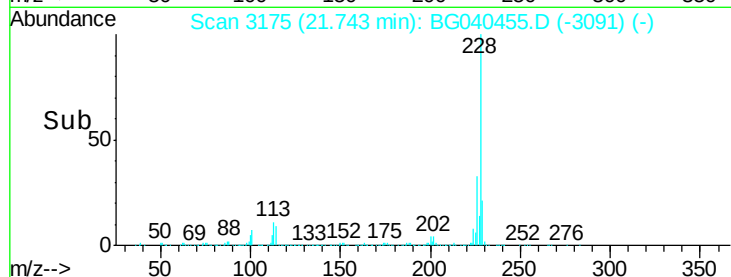
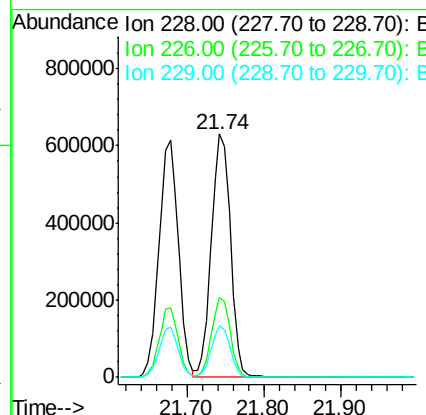
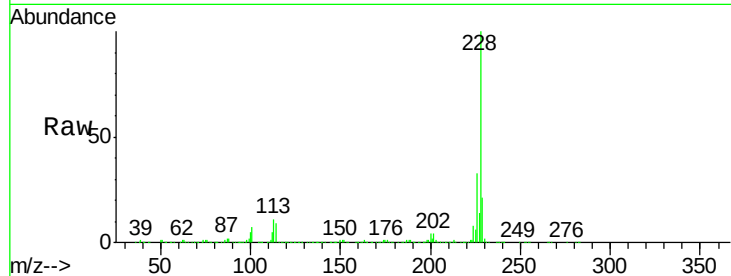
#83
Chrysene
Concen: 40.758 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Tgt Ion: 228 Resp: 1075631
Ion Ratio Lower Upper
228 100
226 32.8 25.4 38.0
229 21.3 17.0 25.4

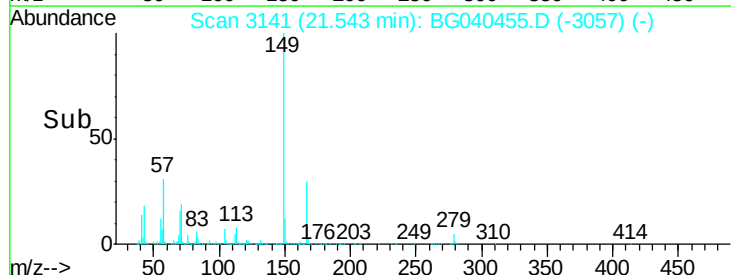
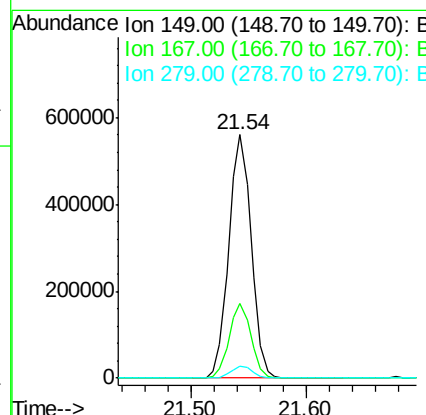
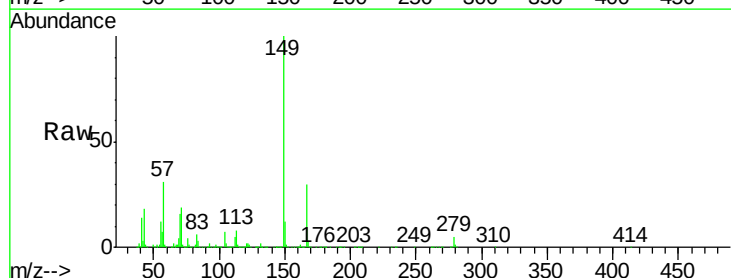
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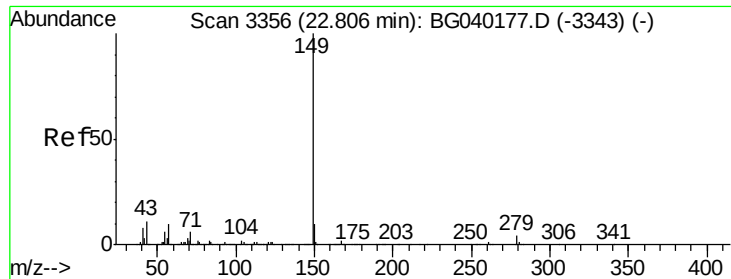
Sohil
4/15/2019 12:30:04 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.078 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion: 149 Resp: 754599
Ion Ratio Lower Upper
149 100
167 30.4 24.1 36.1
279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.959 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

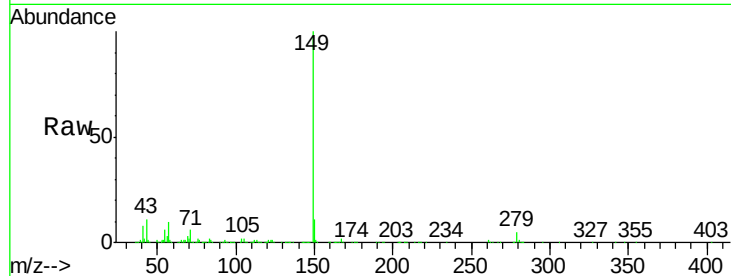
ClientSampleId :

PB118819BS

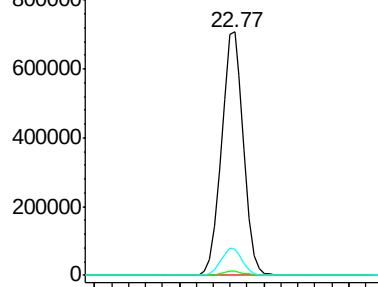
Tgt Ion:	149	Resp:	1282004
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.0	8.7	13.1

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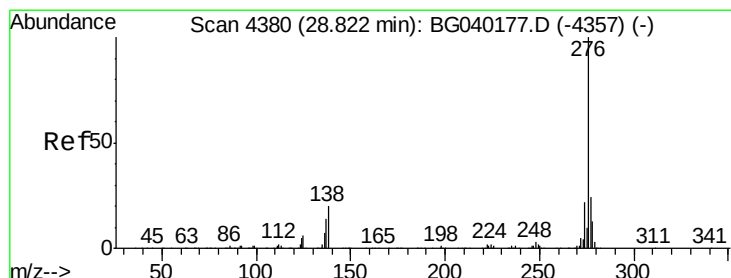
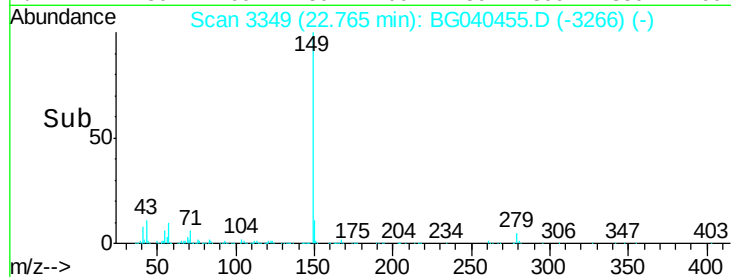
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



Time--> 22.60 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.692 ng

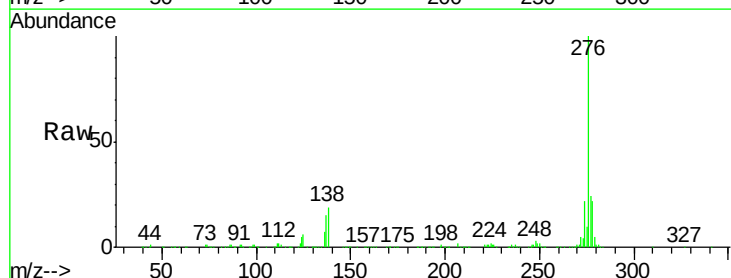
RT: 28.75 min Scan# 4367

Delta R.T. -0.08 min

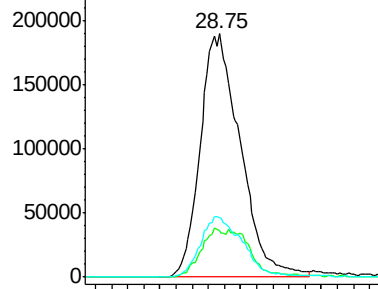
Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

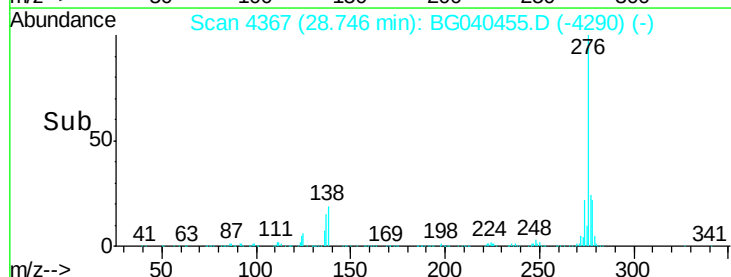
Tgt Ion:	276	Resp:	1313430
Ion	Ratio	Lower	Upper
276	100		
138	12.0	18.8	28.2#
277	25.8	21.0	31.4

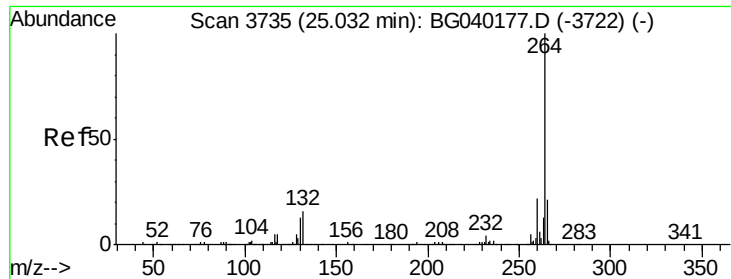


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.60 28.80 29.00





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

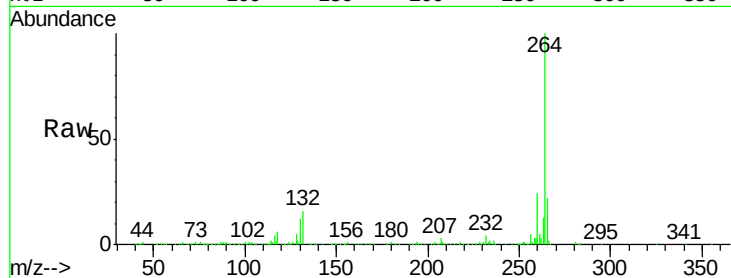
ClientSampleId :

PB118819BS

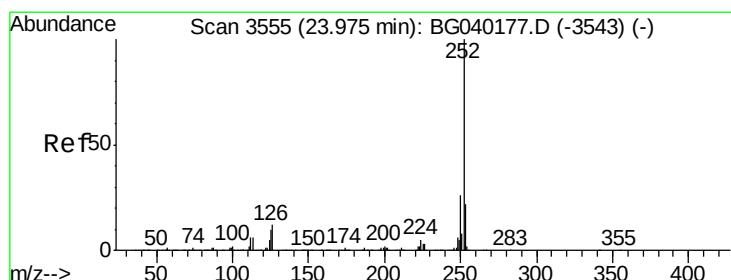
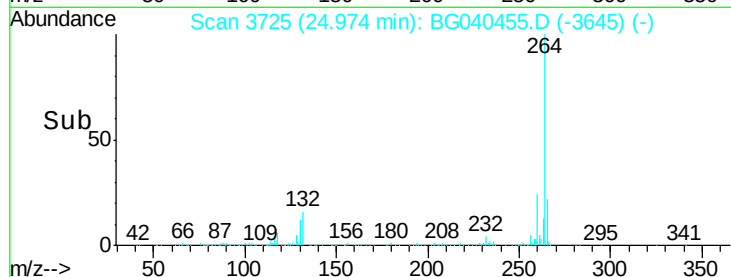
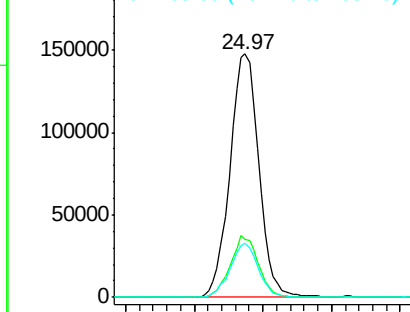
Tgt Ion:	264	Resp:	432454
Ion Ratio		Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.4	16.8	25.2

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



#88

Benzo(b)fluoranthene

Concen: 43.491 ng

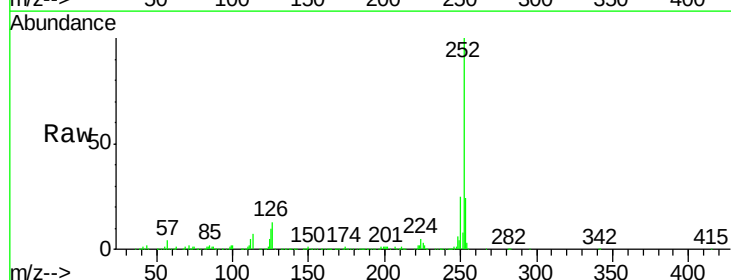
RT: 23.93 min Scan# 3547

Delta R.T. -0.05 min

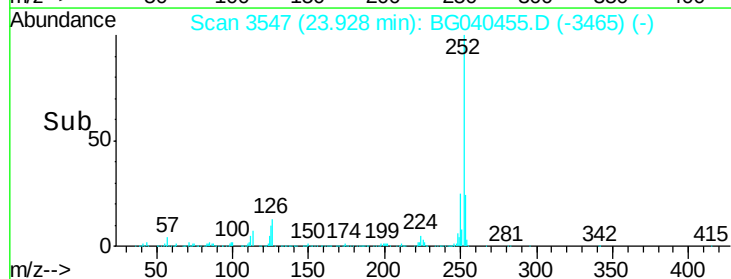
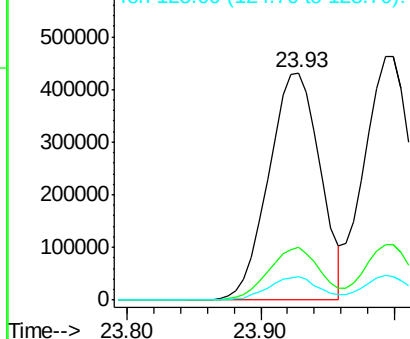
Lab File: BG040455.D

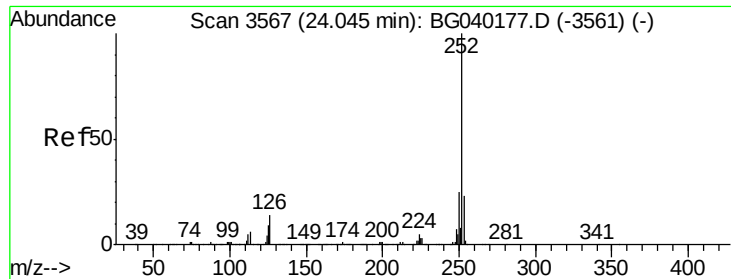
Acq: 12 Apr 2019 10:48

Tgt Ion:	252	Resp:	1151483
Ion Ratio		Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.2	8.2	12.4



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





#89

Benzo(k)fluoranthene

Concen: 46.744 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

PB118819BS

Tgt Ion:252 Resp: 1138119

Ion Ratio Lower Upper

252 100

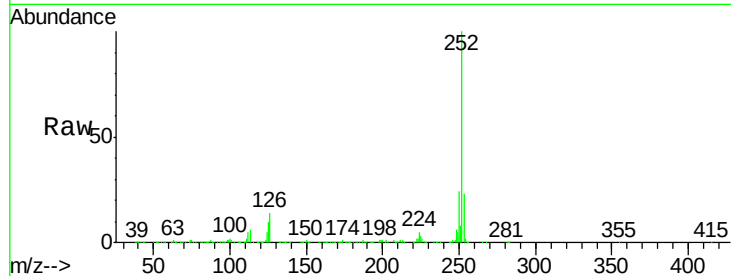
253 22.8 18.6 28.0

125 9.8 7.3 10.9

Manual Integrations
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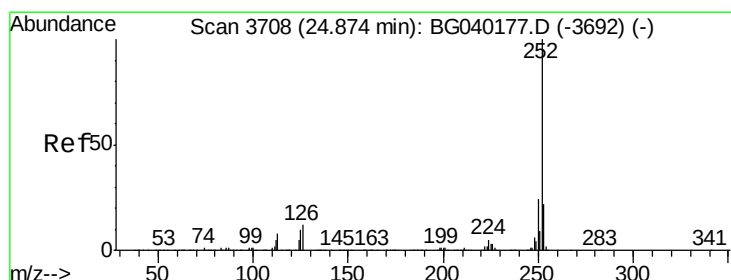
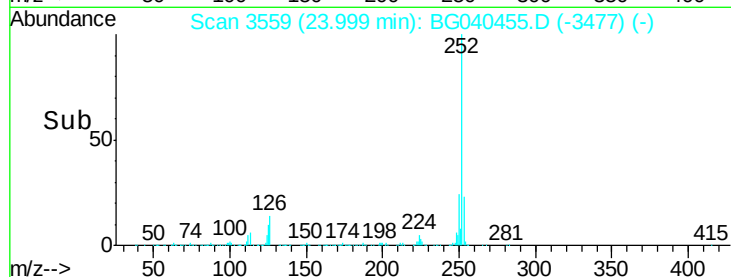
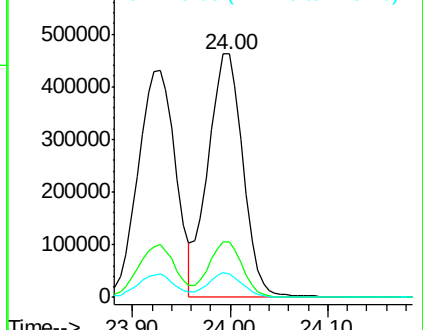
4/15/2019 12:30:04 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.176 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:252 Resp: 1147098

Ion Ratio Lower Upper

252 100

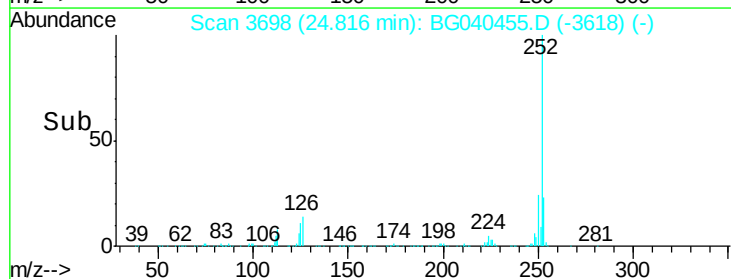
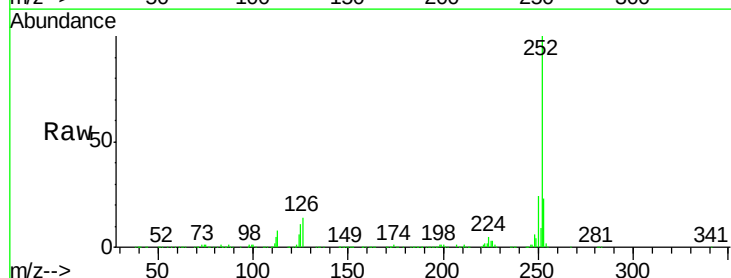
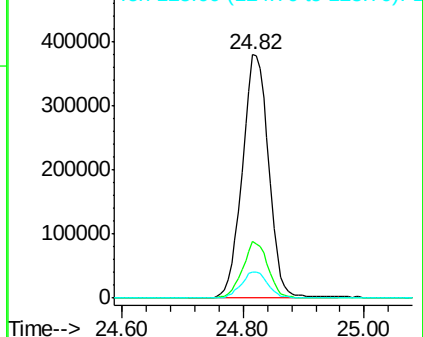
253 23.3 17.8 26.8

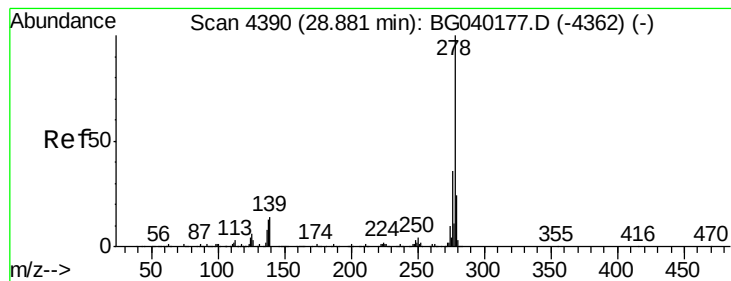
125 10.8 8.3 12.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.831 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

PB118819BS

Tgt Ion:278 Resp: 1057418

Ion Ratio Lower Upper

278 100

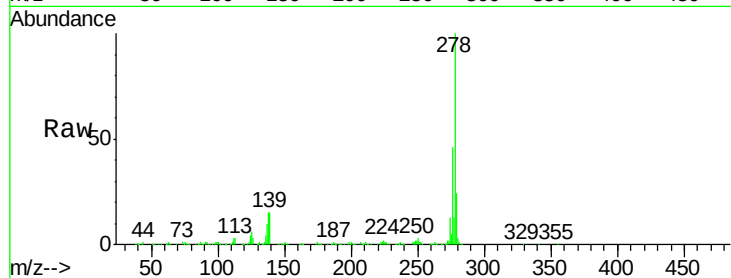
139 14.6 11.2 16.8

279 24.1 18.9 28.3

Manual Integrations
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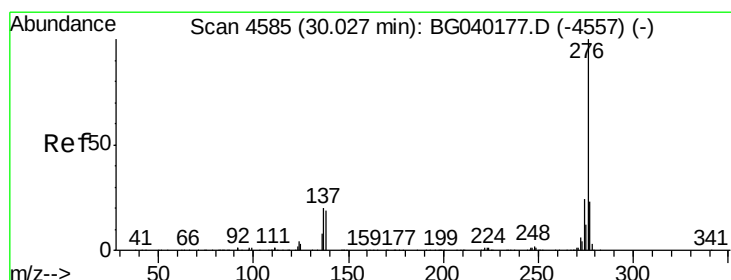
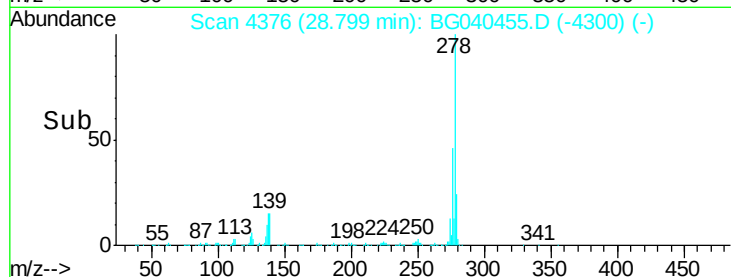
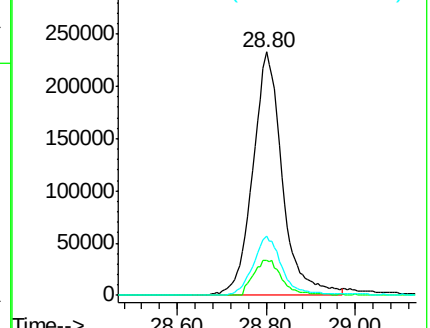
4/15/2019 12:30:04 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.063 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

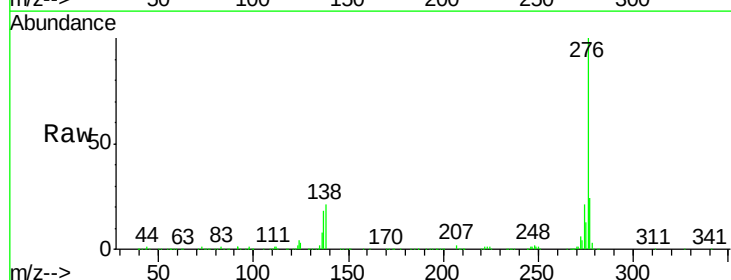
Tgt Ion:276 Resp: 1068504

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 21.0 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

