

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035785.D
 Acq On : 20 Jul 2018 15:34
 Operator : JU/SJ
 Sample : PB111042BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Manual Integrations
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 7/23/2018 2:18:55 PM

Quant Time: Jul 20 16:19:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48412	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	182310	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	128964	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	343149	20.00	ng	0.00
75) Chrysene-d12	21.66	240	356513	20.00	ng	-0.01
86) Perylene-d12	24.86	264	347567	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	284066	97.42	ng	0.00
7) Phenol-d6	7.20	99	409332	94.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	391047	89.60	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	171055	100.63	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	888836	92.34	ng	-0.01
78) Terphenyl-d14	20.01	244	1520925	94.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	49287	33.209	ng	# 75
3) Pyridine	3.92	79	135912	35.079	ng	# 69
4) n-Nitrosodimethylamine	3.83	42	57286	34.435	ng	# 81
6) Aniline	7.36	93	178691	31.688	ng	98
8) 2-Chlorophenol	7.60	128	138763	46.789	ng	97
9) Benzaldehyde	7.17	77	83246	31.185	ng	97
10) Phenol	7.23	94	198722	45.211	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	137010	39.803	ng	88
12) 1,3-Dichlorobenzene	7.92	146	151888	42.411	ng	96
13) 1,4-Dichlorobenzene	8.06	146	153910	42.297	ng	96
14) 1,2-Dichlorobenzene	8.38	146	144527	41.344	ng	95
15) Benzyl Alcohol	8.27	79	157117	39.769	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	151875	52.627	ng	77
17) 2-Methylphenol	8.47	107	135079	45.201	ng	94
18) Hexachloroethane	9.11	117	57787	41.534	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	124749	34.051	ng	# 83
20) 3+4-Methylphenols	8.80	107	180670	43.579	ng	91
22) Acetophenone	8.85	105	226278	39.913	ng	# 91
24) Nitrobenzene	9.23	77	186130	42.409	ng	# 95
25) Isophorone	9.75	82	354398	43.746	ng	98
26) 2-Nitrophenol	9.94	139	78281	50.220	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	139726	52.956	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	191168	42.824	ng	95
29) 2,4-Dichlorophenol	10.48	162	155610	51.665	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	170061	46.046	ng	97
31) Naphthalene	10.88	128	410135	43.187	ng	98
32) Benzoic acid	10.17	122	72116	40.601	ng	93
33) 4-Chloroaniline	10.99	127	92262	22.290	ng	# 95
34) Hexachlorobutadiene	11.16	225	127223	44.175	ng	95
35) Caprolactam	11.77	113	55123m	42.648	ng	
36) 4-Chloro-3-methylphenol	12.12	107	186025	46.078	ng	96
37) 2-Methylnaphthalene	12.48	142	317016	44.807	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	216114	44.399	ng	99
40) Hexachlorocyclopentadiene	12.83	237	304075	119.117	ng	93

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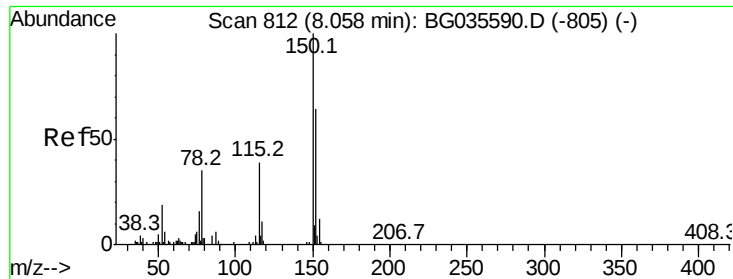
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Quant Time: Jul 20 16:19:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	142387	50.021	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	151502	47.576	nq	95
45) 1,1'-Biphenyl	13.49	154	440746	44.081	nq	95
46) 2-Chloronaphthalene	13.53	162	350520	45.070	nq	99
47) 2-Nitroaniline	13.74	65	117892	42.877	nq	89
48) Acenaphthylene	14.38	152	574069	44.065	nq	98
49) Dimethylphthalate	14.11	163	482729	42.723	nq	99
50) 2,6-Dinitrotoluene	14.23	165	109226	47.470	nq	97
51) Acenaphthene	14.72	154	334951	41.273	nq	99
52) 3-Nitroaniline	14.56	138	66526	28.288	nq	# 96
53) 2,4-Dinitrophenol	14.77	184	88805	75.460	nq	# 63
54) Dibenzofuran	15.05	168	569592	44.131	nq	95
55) 4-Nitrophenol	14.88	139	154937	92.511	nq	# 88
56) 2,4-Dinitrotoluene	15.01	165	158492	48.013	nq	86
57) Fluorene	15.70	166	467875	43.251	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	152518	49.953	nq	# 92
59) Diethylphthalate	15.46	149	484784	41.725	nq	98
60) 4-Chlorophenyl-phenylether	15.69	204	275105	43.269	nq	96
61) 4-Nitroaniline	15.72	138	98602	40.082	nq	# 84
62) Azobenzene	15.98	77	479902	41.875	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	75000	39.263	nq	82
65) n-Nitrosodiphenylamine	15.91	169	412693	42.253	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	181801	45.666	nq	99
67) Hexachlorobenzene	16.70	284	189568	46.238	nq	94
68) Atrazine	16.85	200	191240	47.555	nq	96
69) Pentachlorophenol	17.05	266	159669	63.940	nq	99
70) Phenanthrene	17.44	178	759578	44.361	nq	98
71) Anthracene	17.53	178	771343	45.242	nq	97
72) Carbazole	17.80	167	699130	43.179	nq	99
73) Di-n-butylphthalate	18.35	149	809844	42.325	nq	# 98
74) Fluoranthene	19.45	202	1003513	43.510	nq	97
76) Benzidine	19.62	184	390460	41.659	nq	99
77) Pyrene	19.81	202	996221	44.193	nq	96
79) Butylbenzylphthalate	20.69	149	377253	46.798	nq	97
80) Benzo(a)anthracene	21.64	228	998922	44.962	nq	100
81) 3,3'-Dichlorobenzidine	21.56	252	252249	32.563	nq	97
82) Chrysene	21.71	228	932845	45.310	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	516365	47.116	nq	99
84) Di-n-octyl phthalate	22.74	149	882929	48.116	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1086648	47.673	nq	# 94
87) Benzo(b)fluoranthene	23.85	252	948037	44.877	nq	# 97
88) Benzo(k)fluoranthene	23.92	252	937500	45.394	nq	# 97
89) Benzo(a)pyrene	24.71	252	935599	47.606	nq	# 96
90) Dibenzo(a,h)anthracene	28.56	278	907118	47.015	nq	# 94
91) Benzo(g,h,i)perylene	29.66	276	896663	47.492	nq	# 95

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



#1

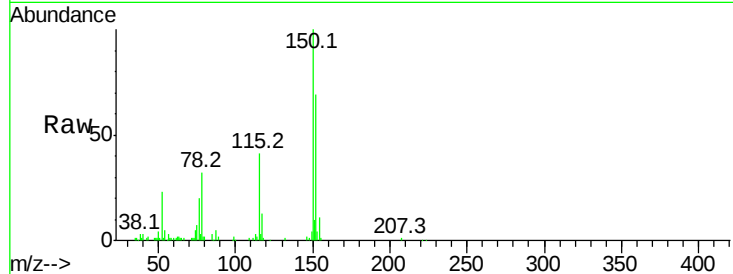
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

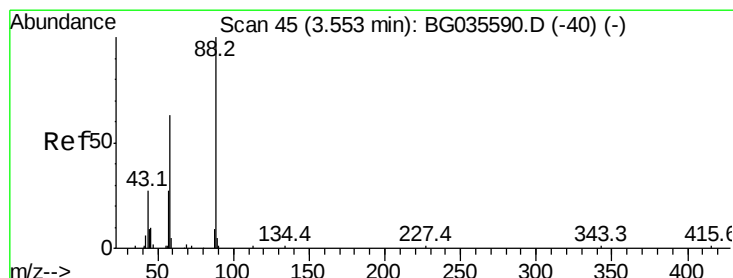
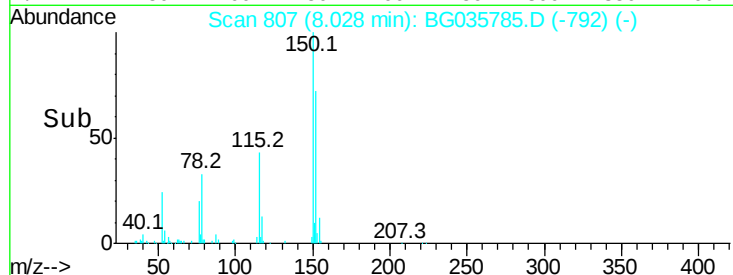
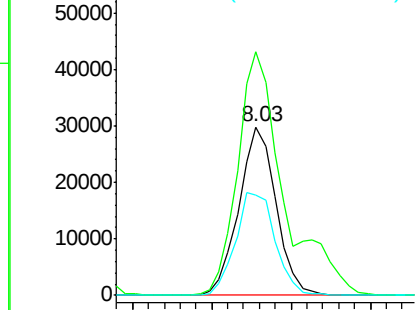
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	126.6	189.8
115	59.2	53.0	79.4

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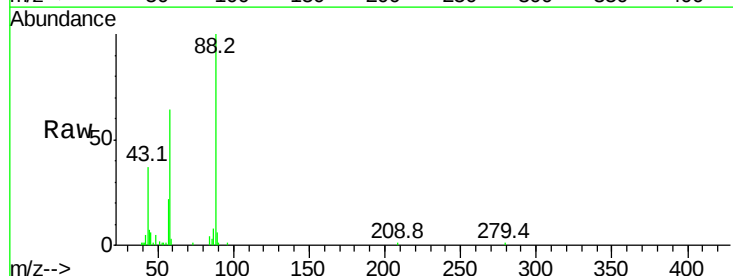
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



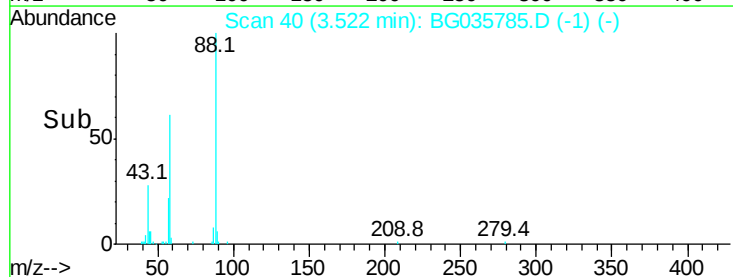
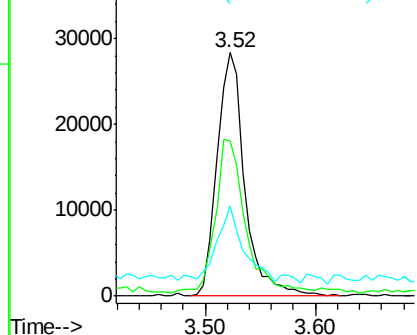
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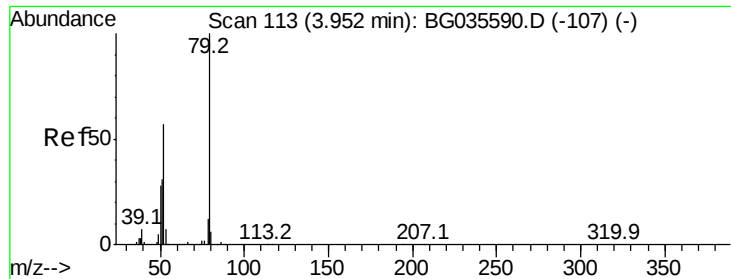
1,4-Dioxane
Concen: 33.209 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	79.6	119.4#
43	28.7	27.4	41.0



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





#3

Pvridine

Concen: 35.079 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.02 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

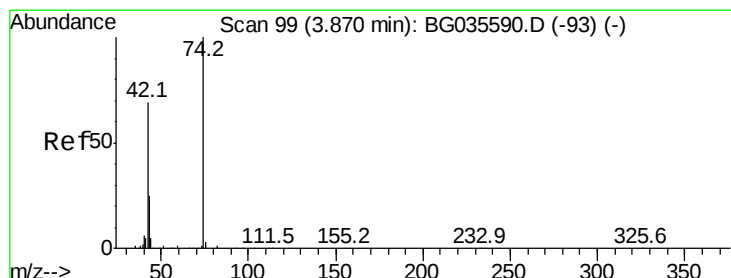
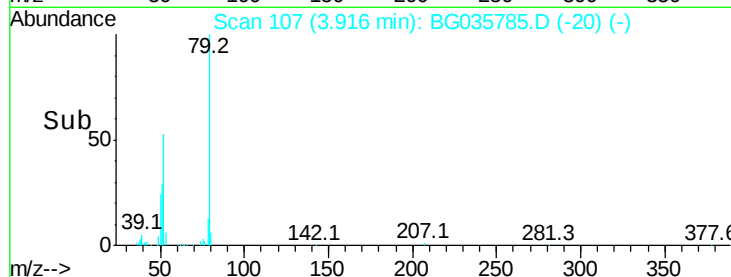
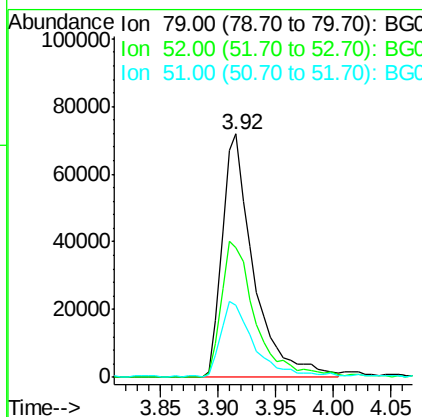
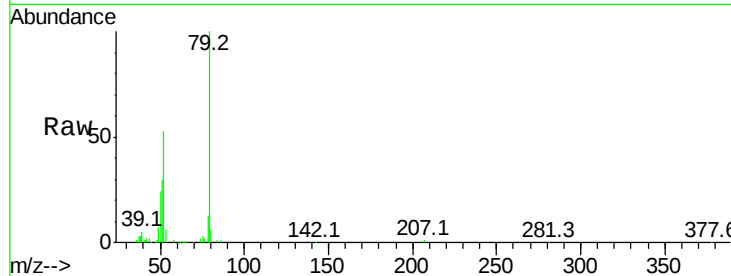
ClientSampleId :

PB111042BS

Tot Ion:	79	Resp:	135912
Ion Ratio	Lower	Upper	
79	100		
52	53.4	69.9	104.9#
51	29.6	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 34.435 ng

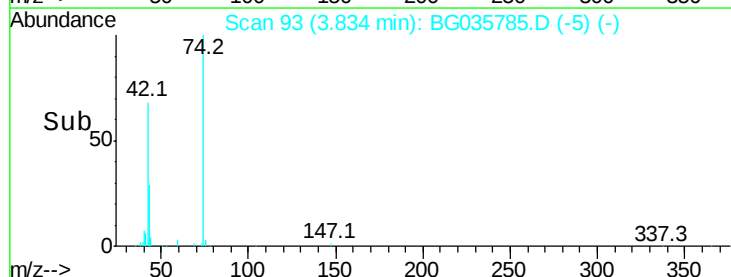
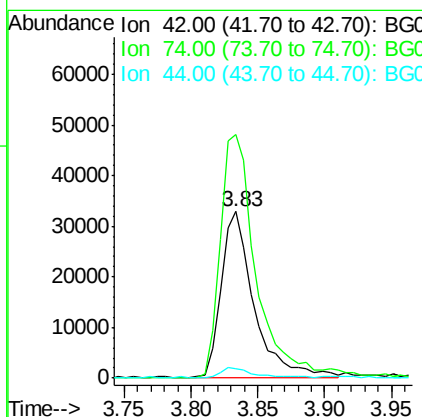
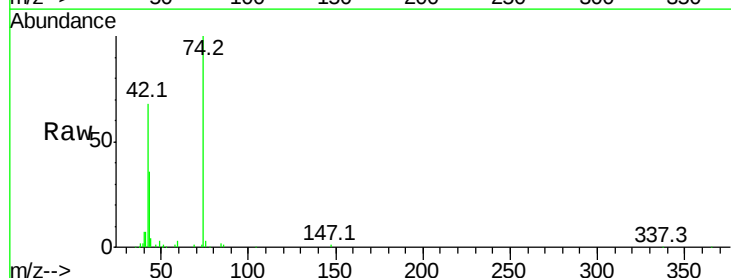
RT: 3.83 min Scan# 93

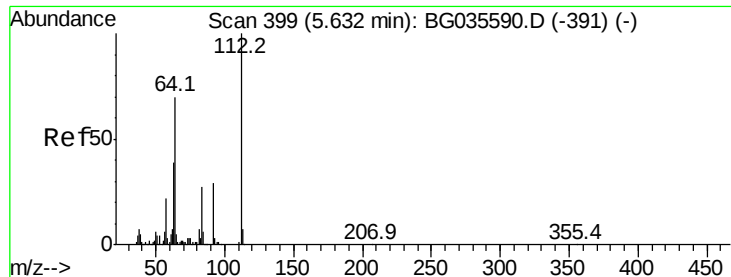
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	42	Resp:	57286
Ion Ratio	Lower	Upper	
42	100		
74	146.3	102.5	153.7
44	6.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 97.417 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

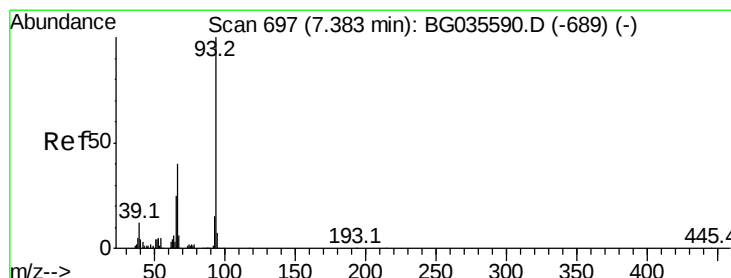
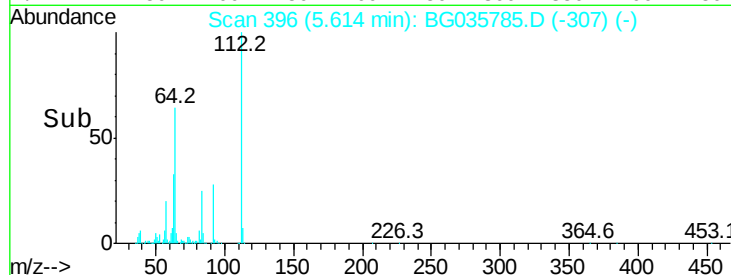
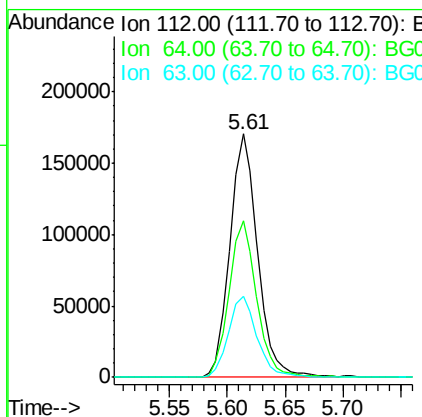
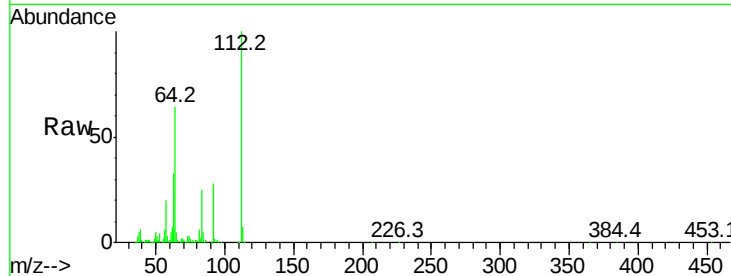
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		284066		
64	64.1	56.3	84.5		
63	33.2	30.1	45.1		

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#6

Aniline

Concen: 31.688 ng

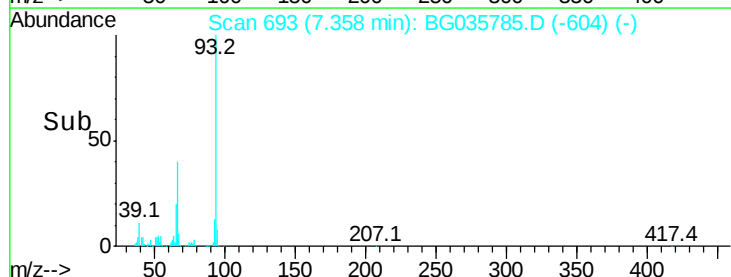
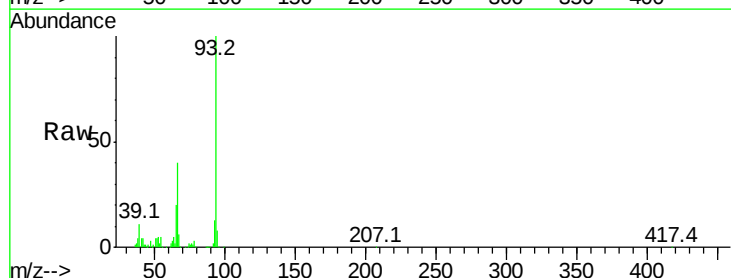
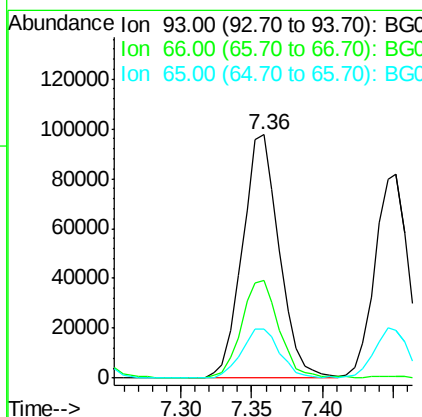
RT: 7.36 min Scan# 693

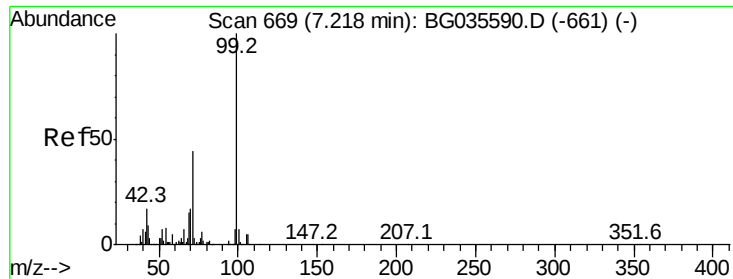
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		178691		
66	39.9	33.7	50.5		
65	20.2	16.1	24.1		





#7

Phenol-d6

Concen: 94.086 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

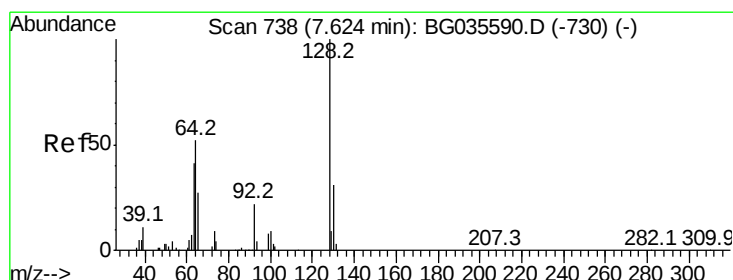
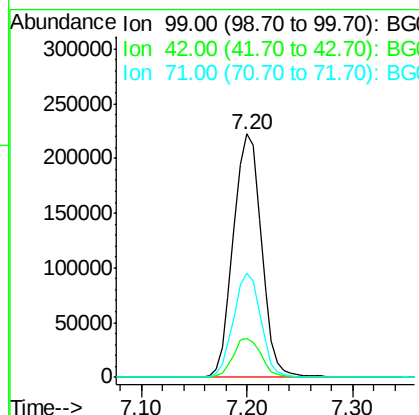
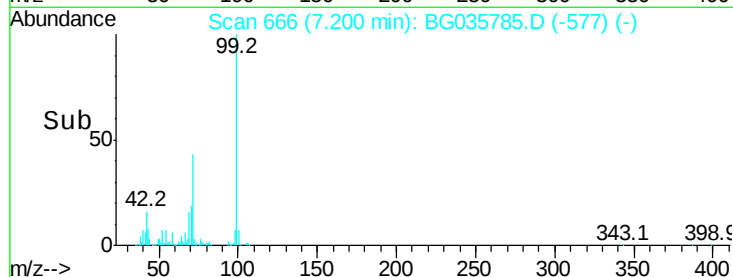
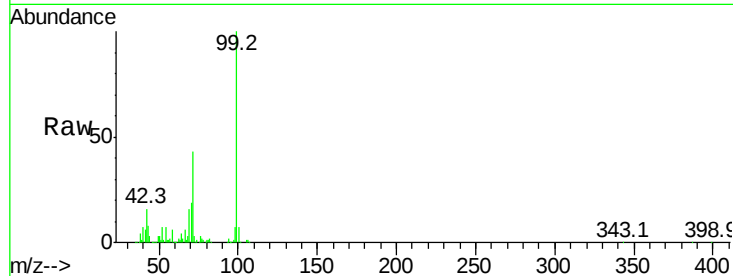
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	409332		
42	16.2	14.1	21.1	
71	42.9	26.1	39.1	

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#8

2-Chlorophenol

Concen: 46.789 ng

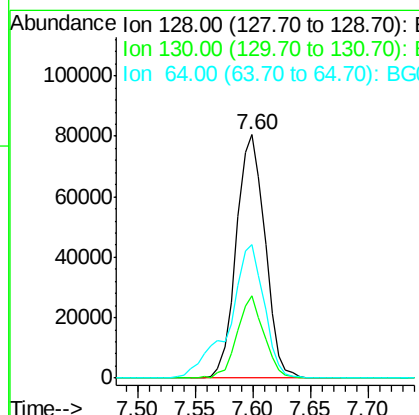
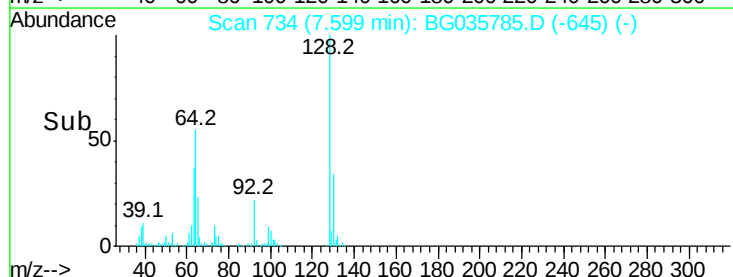
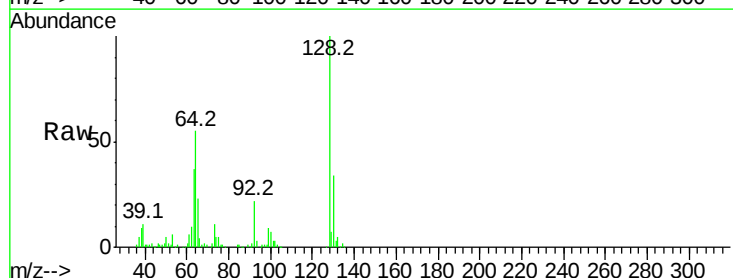
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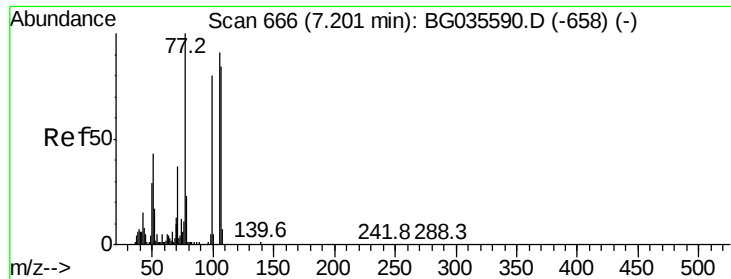
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	138763		
130	33.6	14.0	54.0	
64	55.1	37.7	77.7	





#9

Benzaldehyde

Concen: 31.185 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampleId :

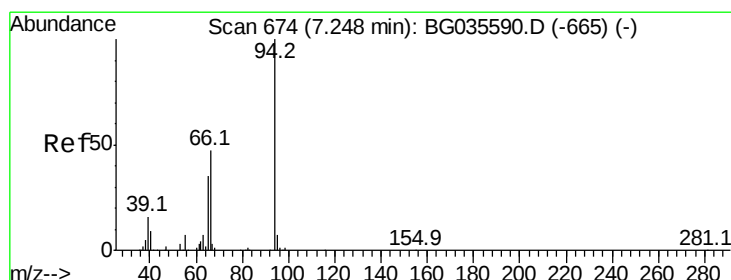
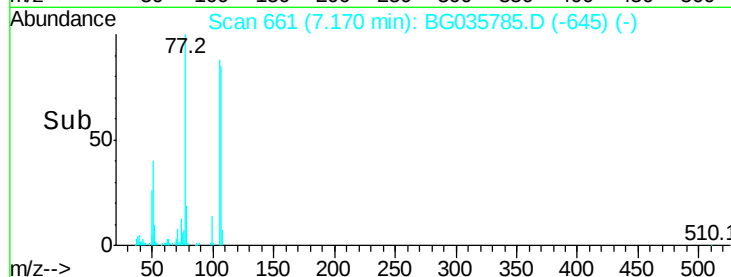
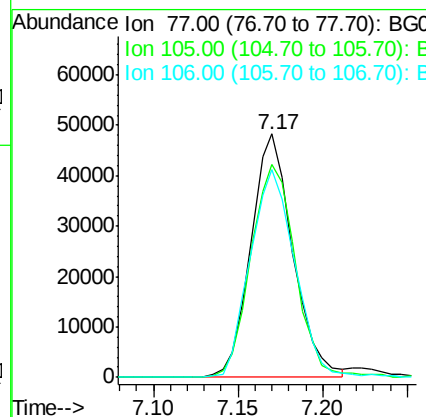
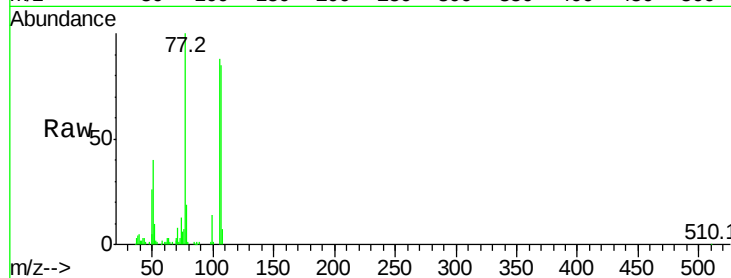
PB111042BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	87.6	71.3	111.3	
106	85.1	64.2	104.2	

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#10

Phenol

Concen: 45.211 ng

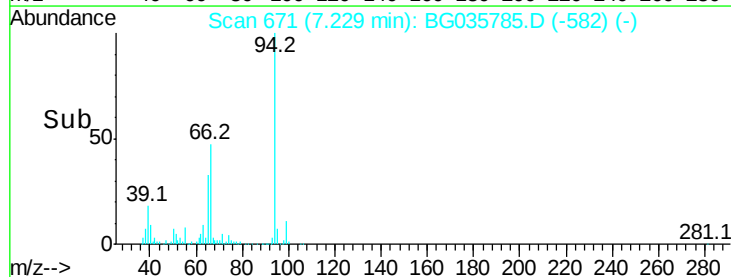
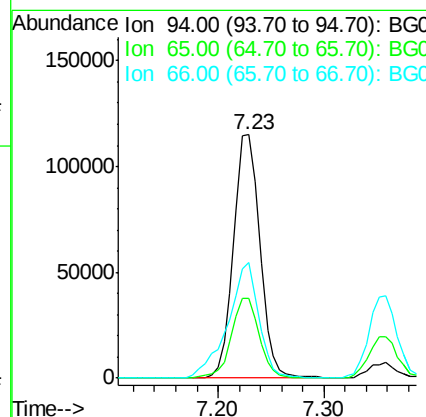
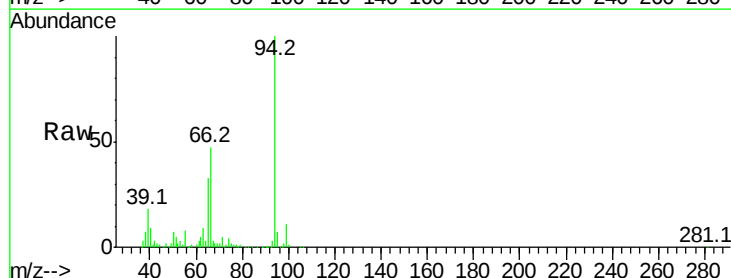
RT: 7.23 min Scan# 671

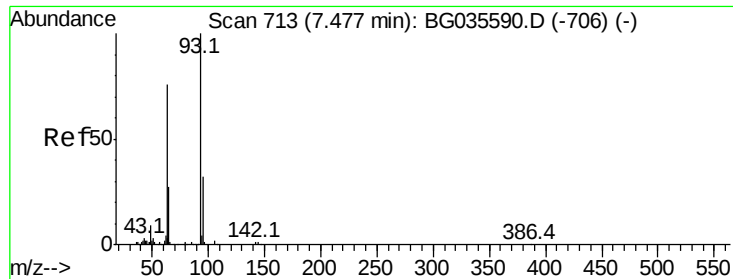
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.0	11.9	51.9	
66	47.3	22.2	62.2	





#11

bis(2-Chloroethyl)ether

Concen: 39.803 ng

RT: 7.45 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

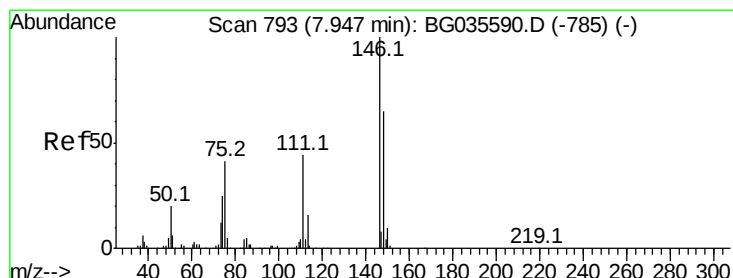
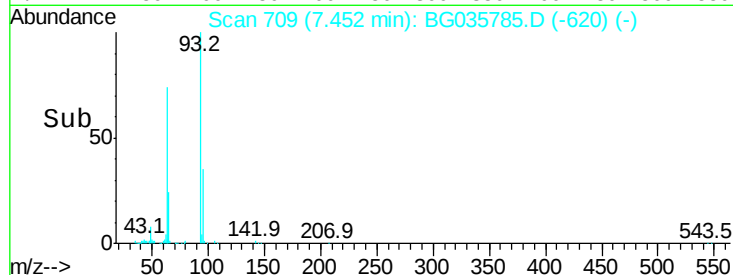
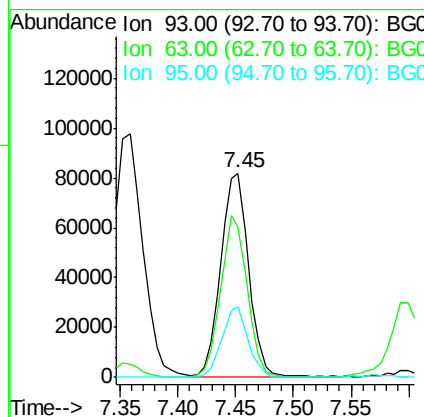
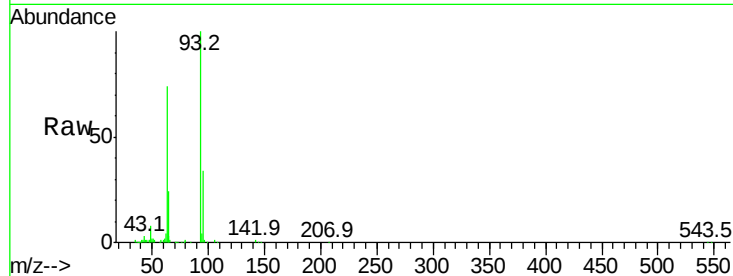
ClientSampleId :

PB111042BS

Tot Ion:	93	Resp:	137010
Ion	Ratio	Lower	Upper
93	100		
63	73.7	67.1	107.1
95	34.5	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.411 ng

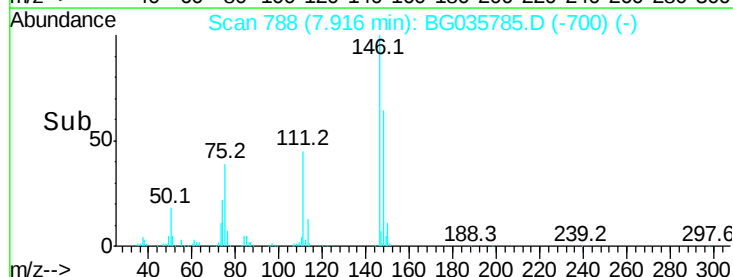
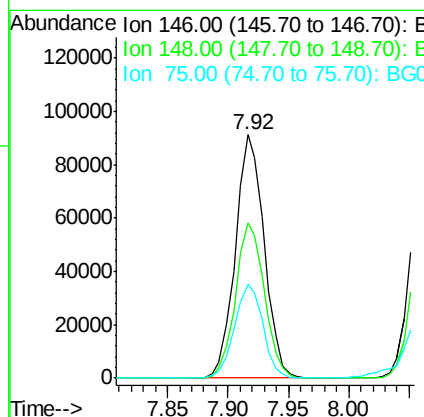
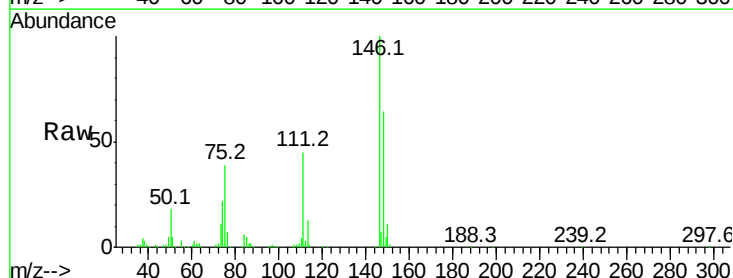
RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	146	Resp:	151888
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	38.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 42.297 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampleId :

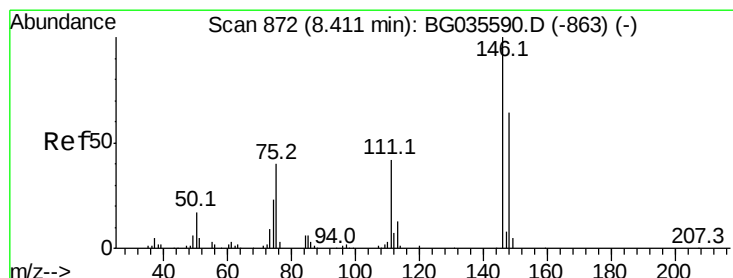
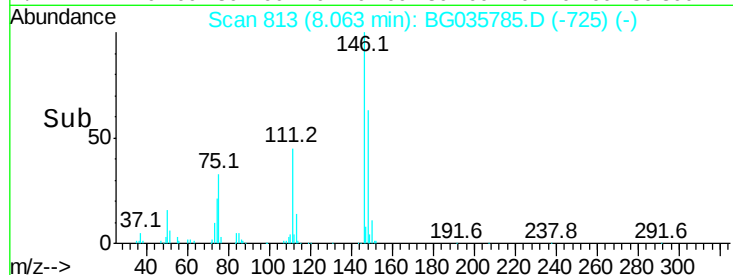
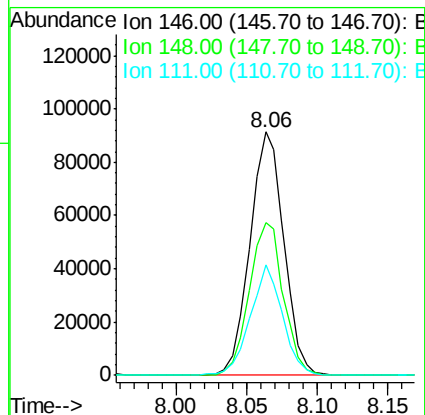
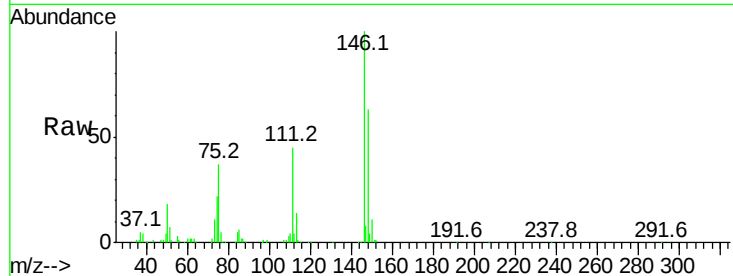
PB111042BS

Tot Ion:	146	Resp:	153910
Ion Ratio	Lower	Upper	
146	100		
148	63.0	53.7	80.5
111	45.4	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.344 ng

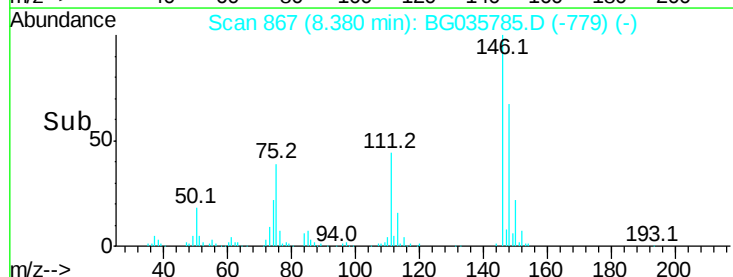
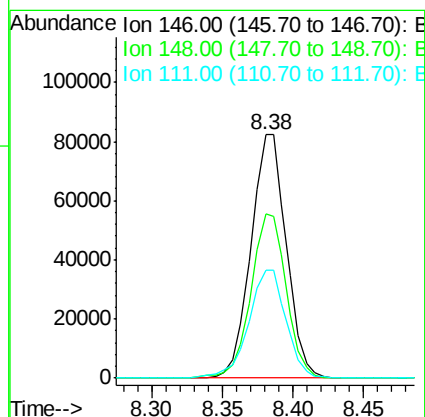
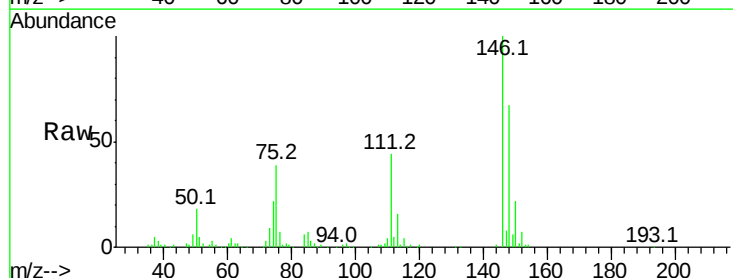
RT: 8.38 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	146	Resp:	144527
Ion Ratio	Lower	Upper	
146	100		
148	67.5	49.3	73.9
111	44.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.769 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

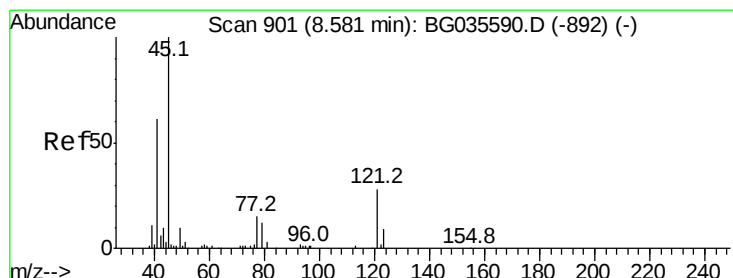
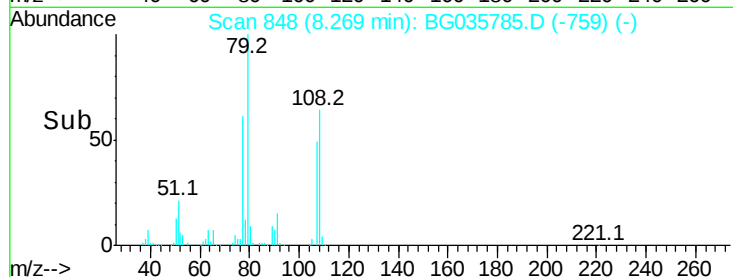
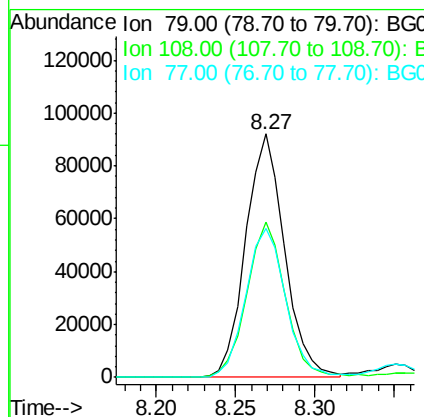
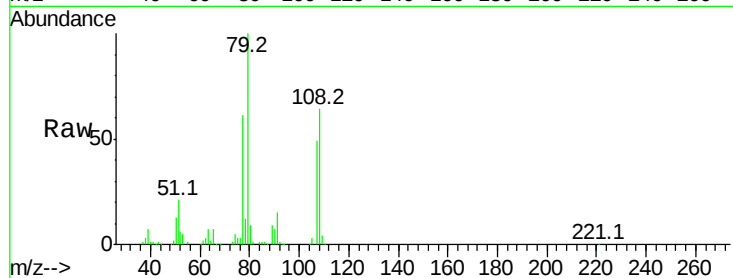
ClientSampleId :

PB111042BS

Tot Ion:	79	Resp:	157117
Ion Ratio	Lower	Upper	
79	100		
108	63.8	57.2	85.8
77	61.2	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.627 ng

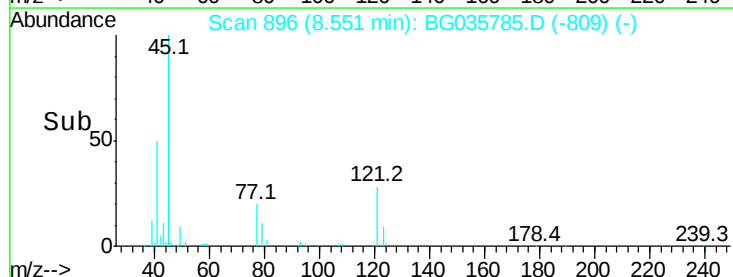
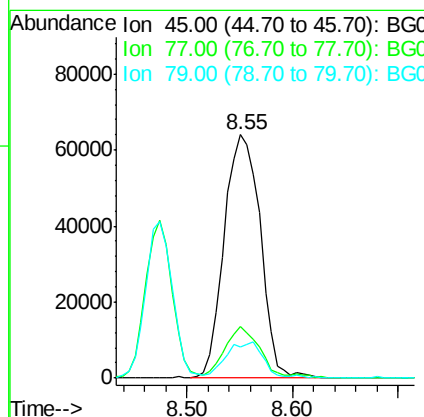
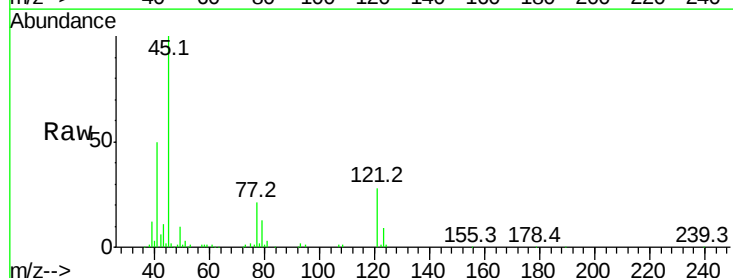
RT: 8.55 min Scan# 896

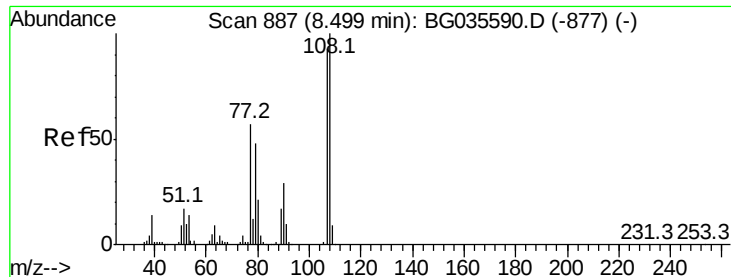
Delta R.T. -0.02 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	45	Resp:	151875
Ion Ratio	Lower	Upper	
45	100		
77	21.4	0.0	30.2
79	12.6	0.0	27.9





#17

2-Methylphenol

Concen: 45.201 ng

RT: 8.47 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

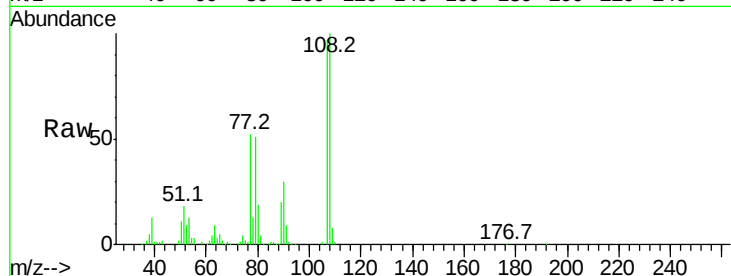
ClientSampleId :

PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.3	83.9	125.9	
77	53.6	37.2	55.8	
79	53.2	36.2	54.2	

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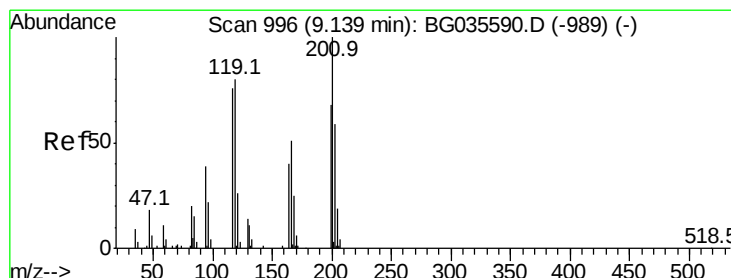
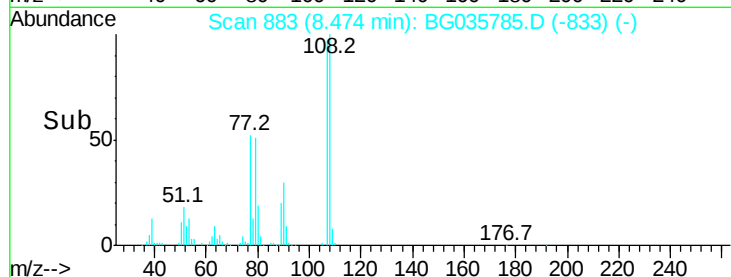
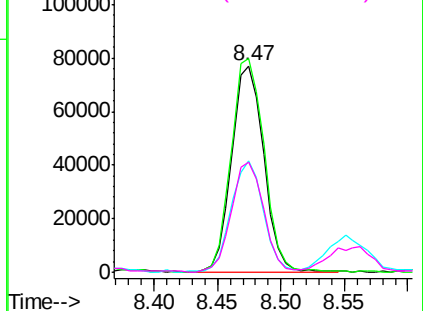


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.534 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.01 min

Lab File: BG035785.D

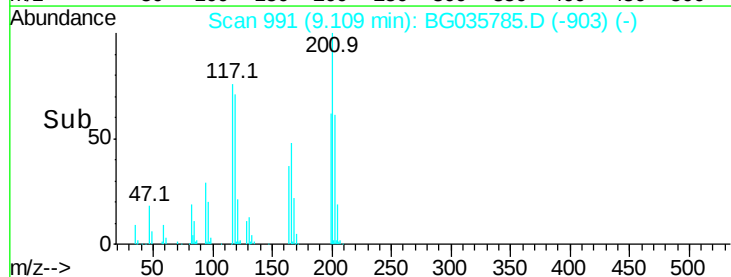
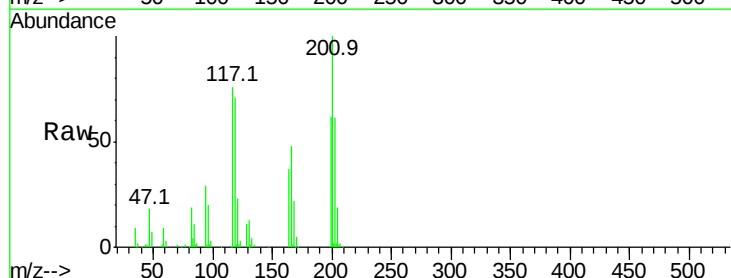
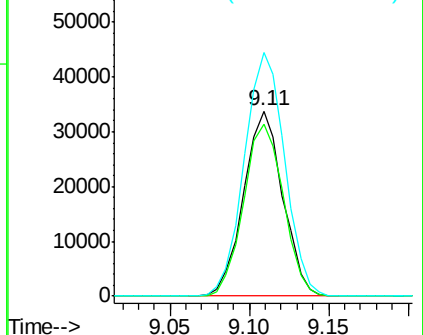
Acq: 20 Jul 2018 15:34

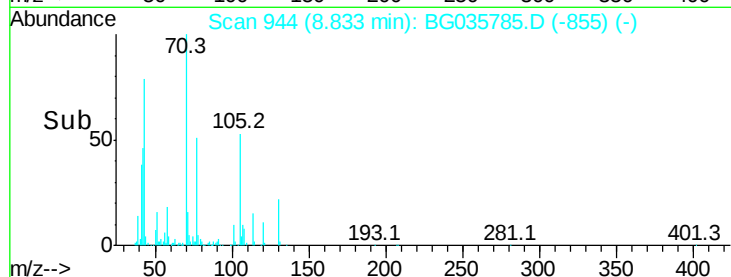
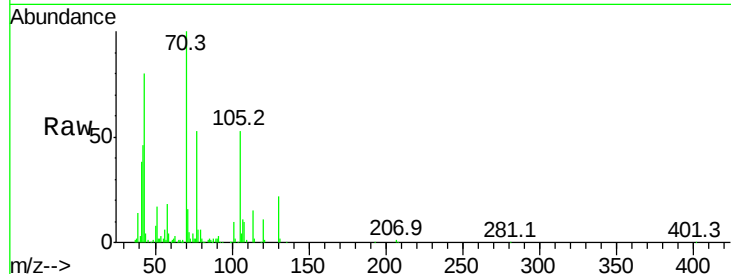
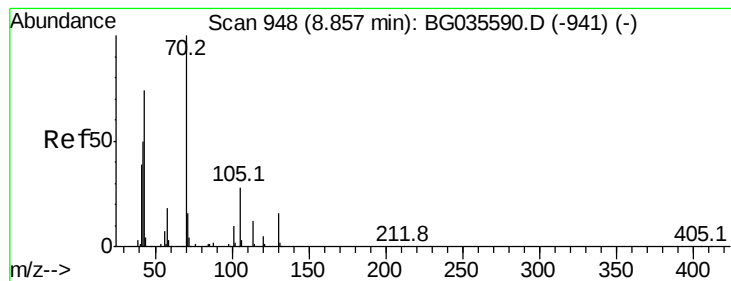
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	76.7	115.1	
201	131.4	95.7	143.5	

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: 34.051 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampleId :

PB111042BS

Tot Ion: 70 Resp: 124749

Ion Ratio Lower Upper

70 100

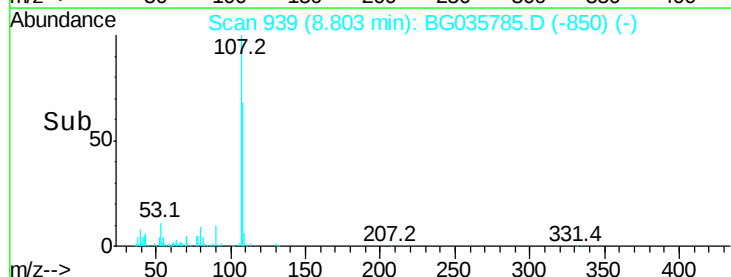
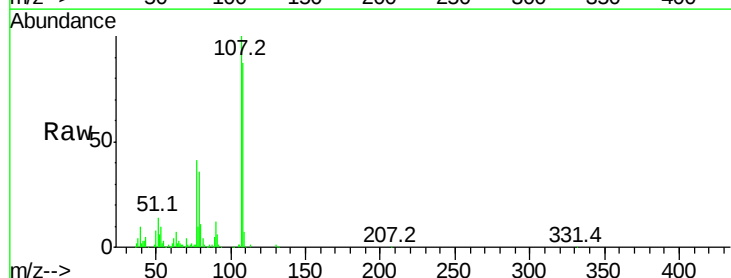
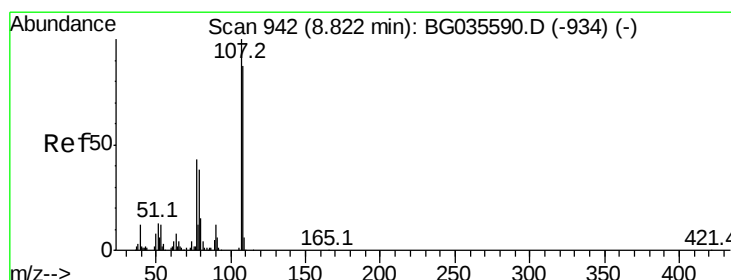
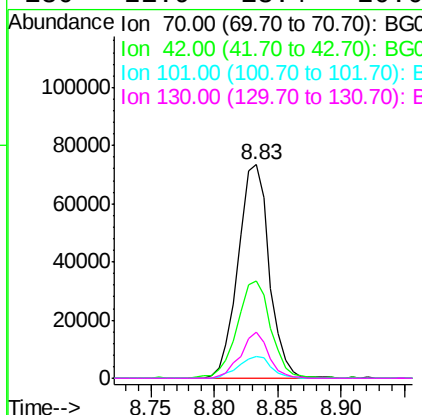
42 45.8 49.1 73.7#

101 10.0 8.5 12.7

130 21.9 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 43.579 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion: 107 Resp: 180670

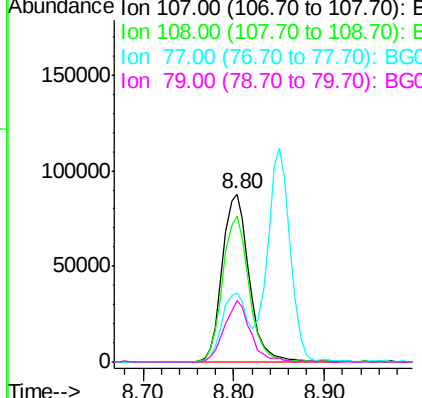
Ion Ratio Lower Upper

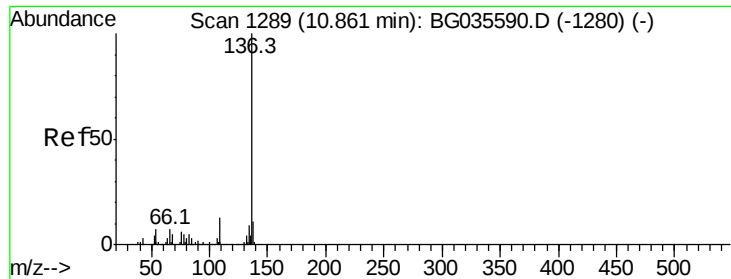
107 100

108 87.0 61.6 101.6

77 40.9 13.9 53.9

79 36.4 8.8 48.8





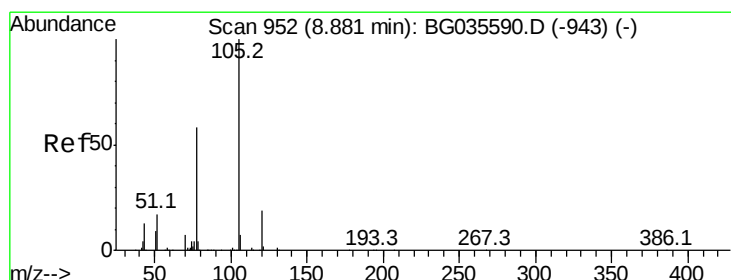
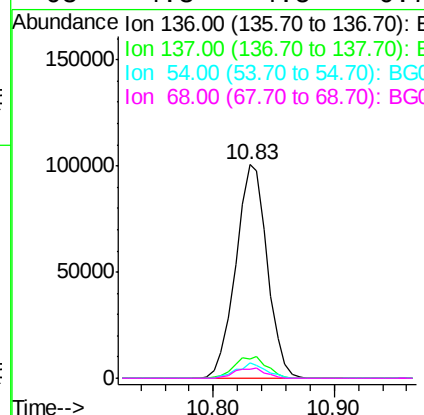
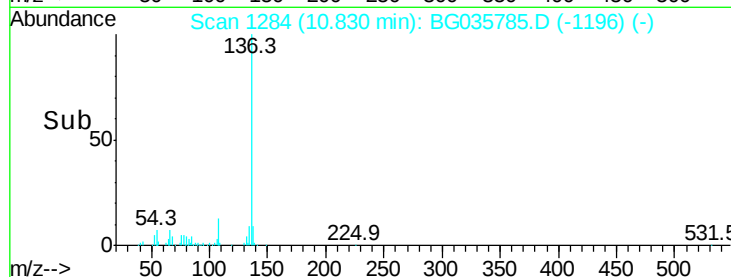
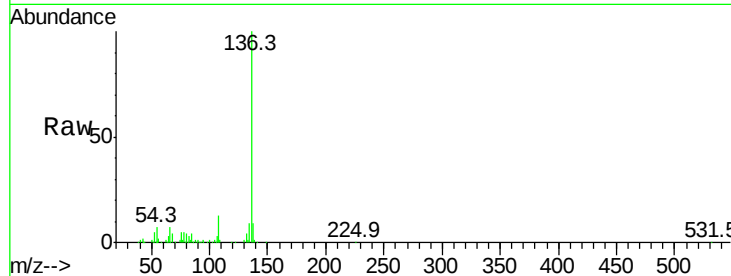
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.1	9.2	13.8#	
54	7.0	10.3	15.5#	
68	4.3	4.5	6.7#	

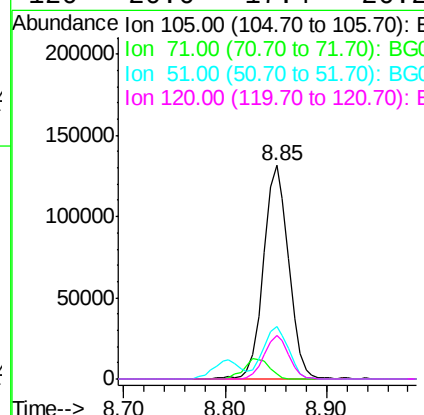
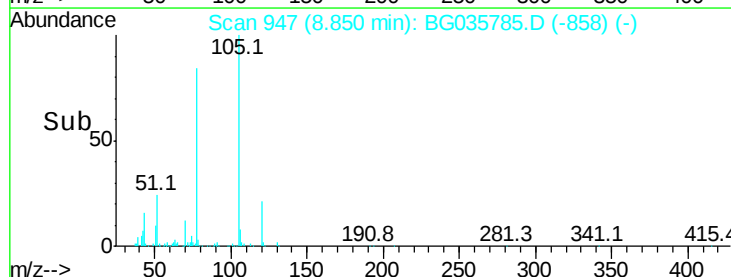
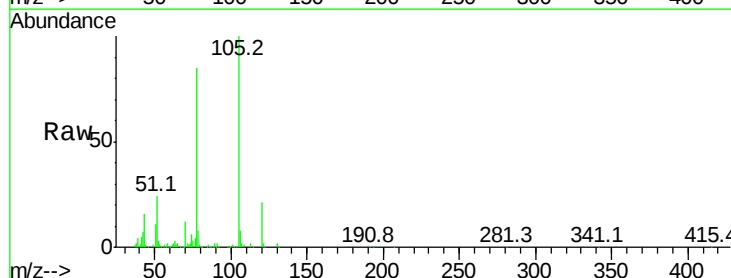
Manual Integrations
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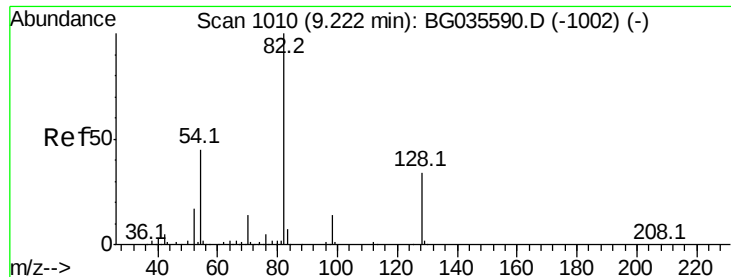
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#22
Acetophenone
Concen: 39.913 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	3.0	4.4#	
51	24.3	26.1	39.1#	
120	20.6	17.4	26.2	





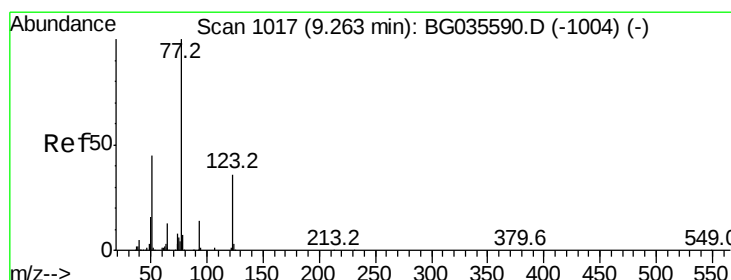
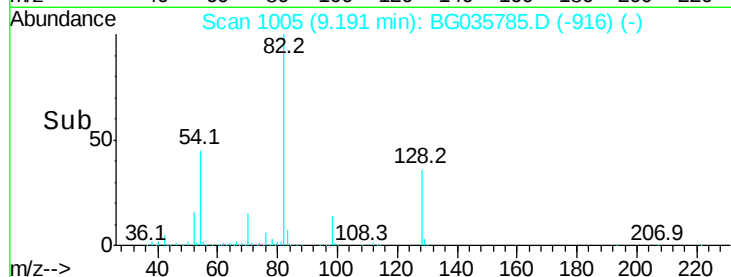
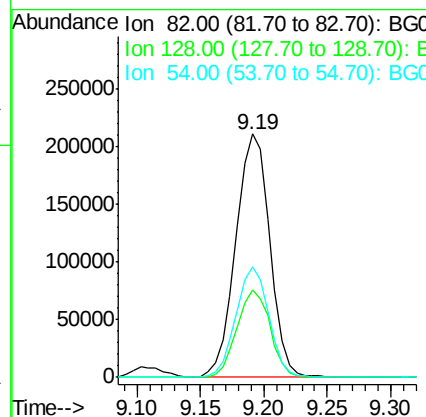
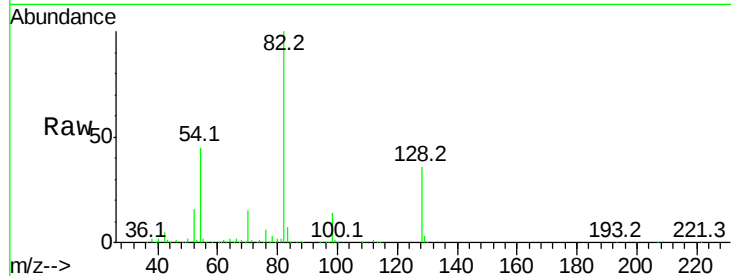
#23
 Nitrobenzene-d5
 Concen: 89.605 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleID :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	45.4	43.1	64.7

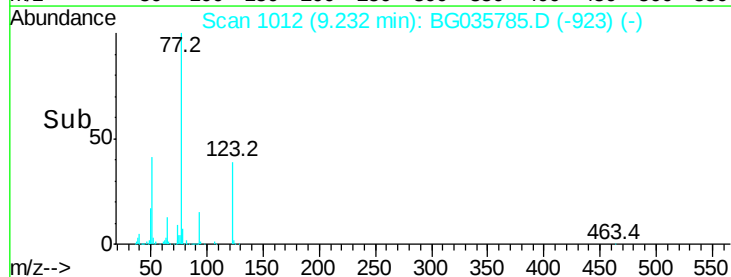
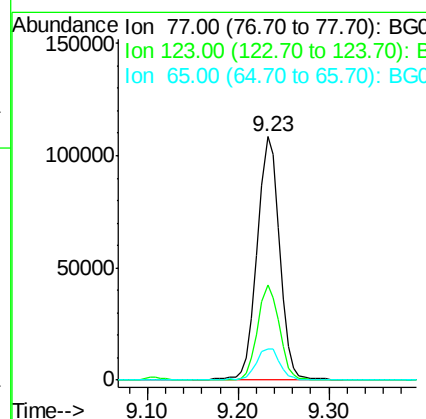
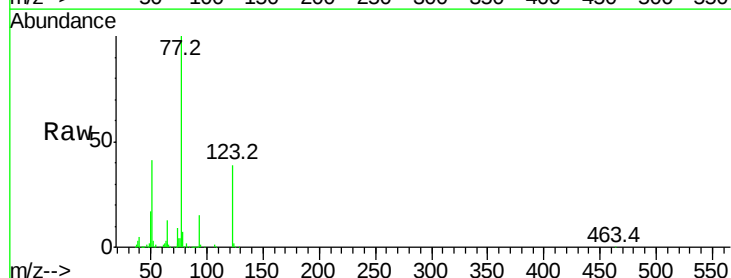
Manual Integrations
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#24
 Nitrobenzene
 Concen: 42.409 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	33.0	49.6
65	12.8	13.0	19.6#





#25

Isophorone

Concen: 43.746 ng

RT: 9.75 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

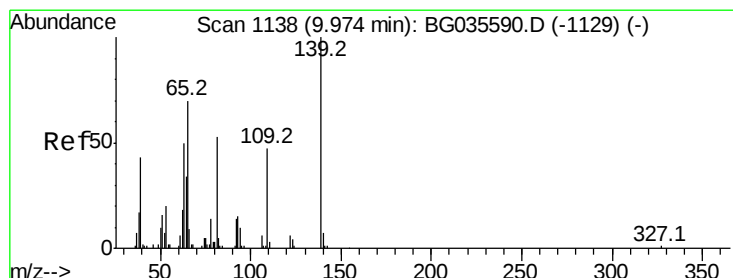
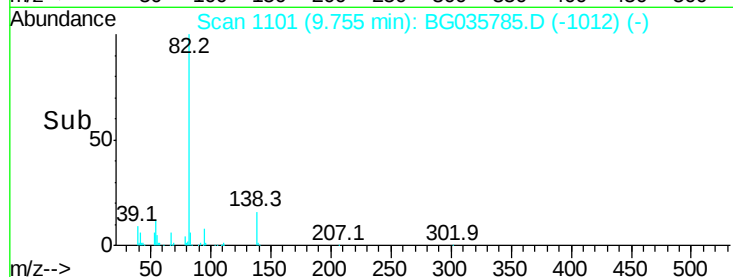
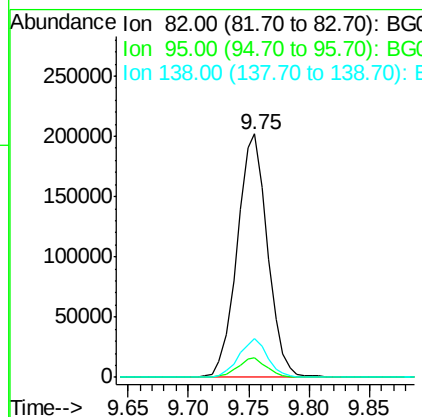
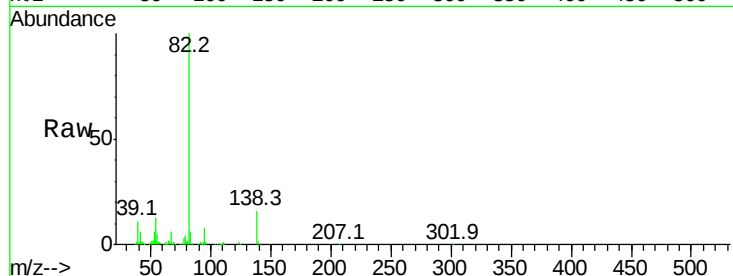
ClientSampleId :

PB111042BS

Tot Ion:	82	Resp:	354398
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	16.0	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.220 ng

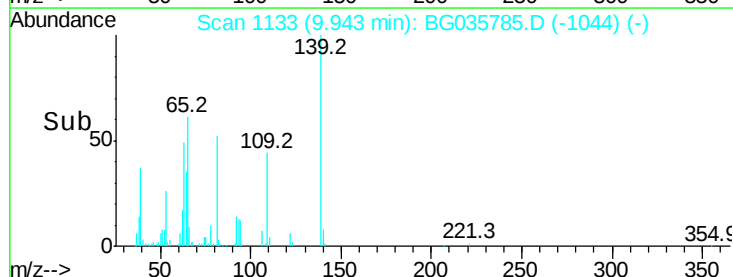
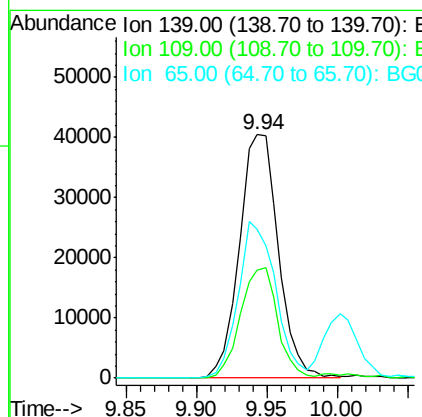
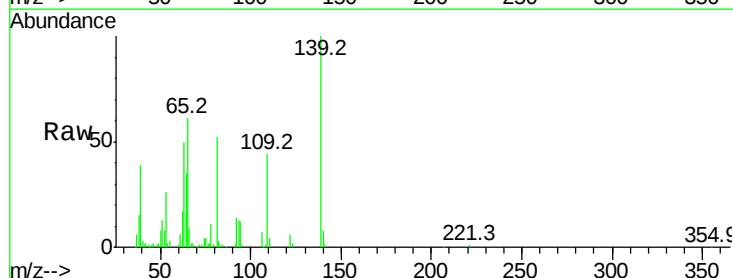
RT: 9.94 min Scan# 1133

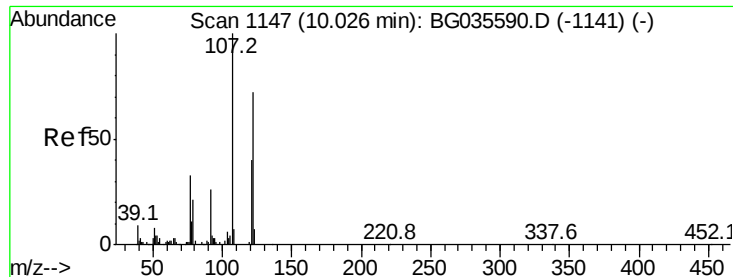
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	139	Resp:	78281
Ion Ratio	Lower	Upper	
139	100		
109	44.5	24.2	36.2#
65	61.3	47.4	71.0





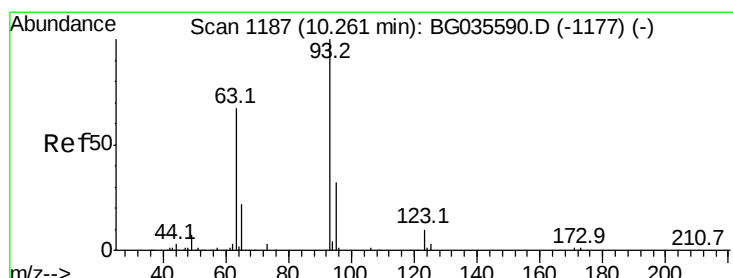
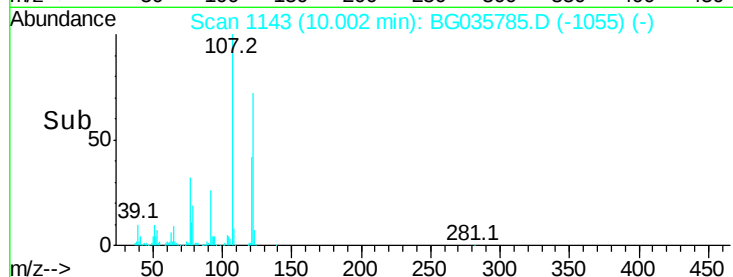
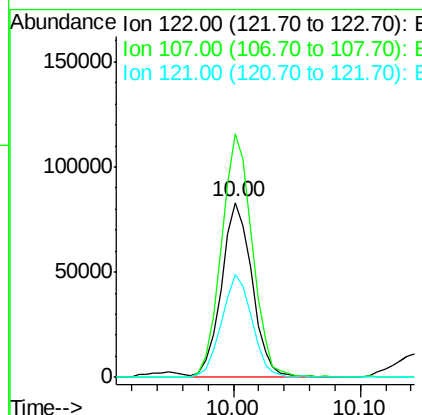
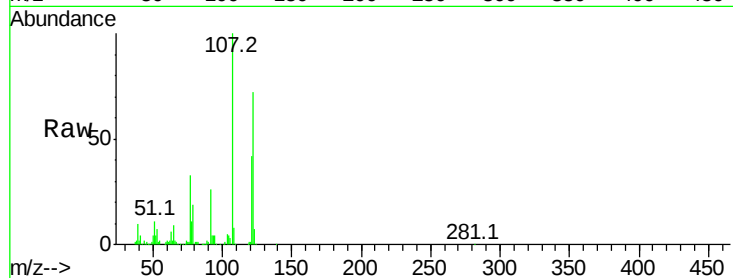
#27
2,4-Dimethylphenol
Concen: 52.956 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.2	100.2	150.2
121	58.6	44.4	66.6

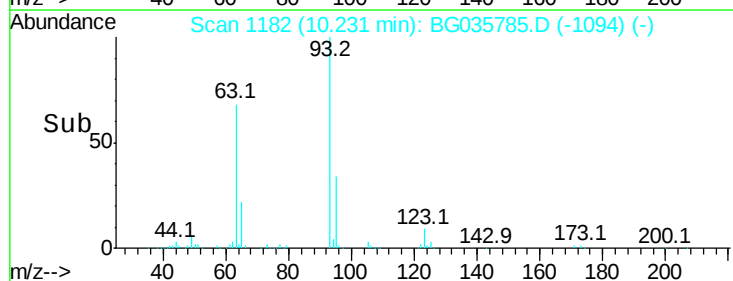
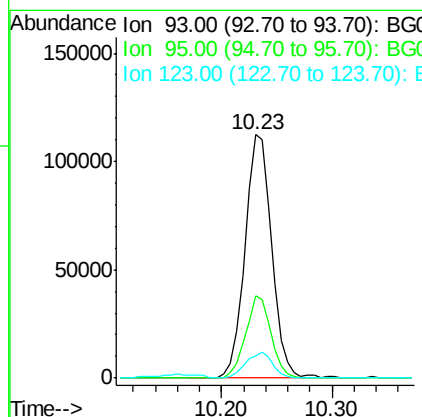
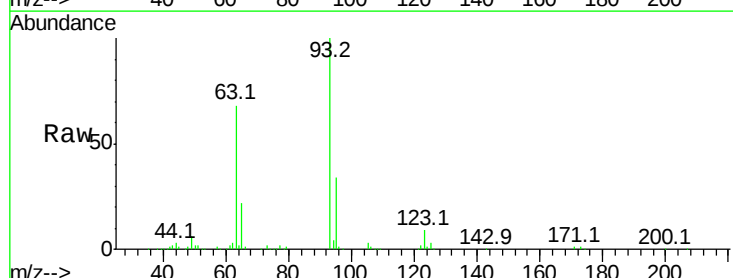
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#28
bis(2-Chloroethoxy)methane
Concen: 42.824 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.3	36.5
123	9.1	8.4	12.6





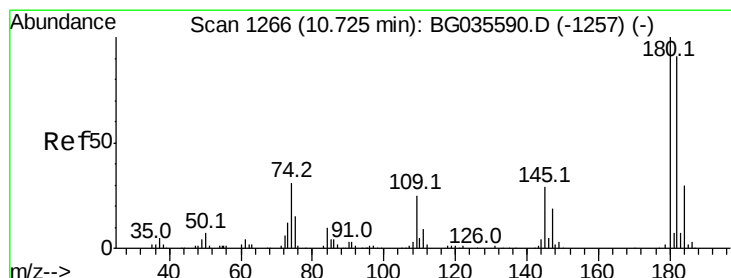
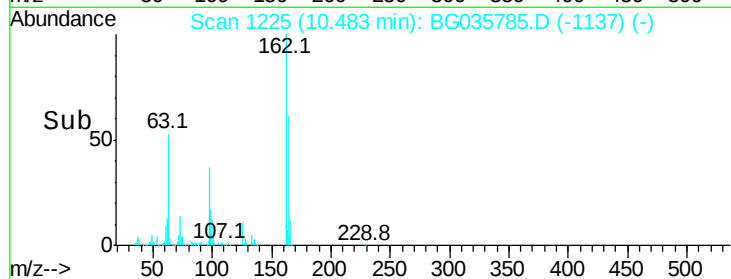
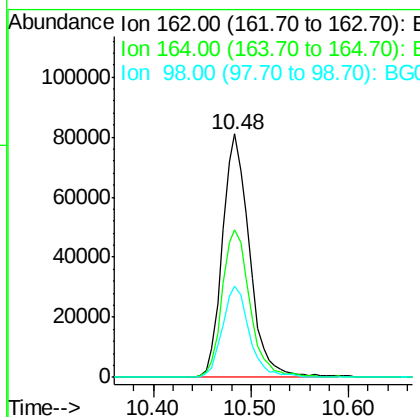
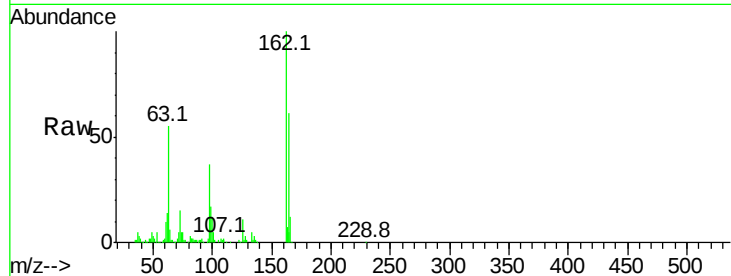
#29
 2,4-Dichlorophenol
 Concen: 51.665 ng
 RT: 10.48 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleID :
 PB111042BS

Tot Ion:	162	Resp:	155610
Ion Ratio	Lower	Upper	
162	100		
164	60.8	48.0	88.0
98	37.4	21.1	61.1

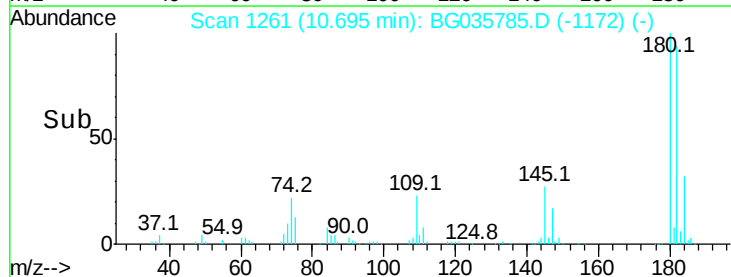
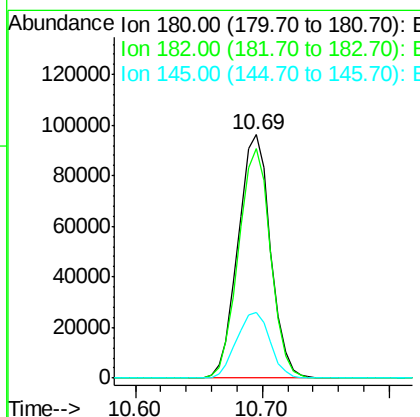
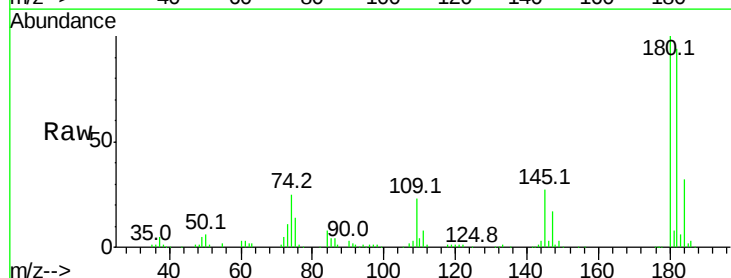
Manual Integrations
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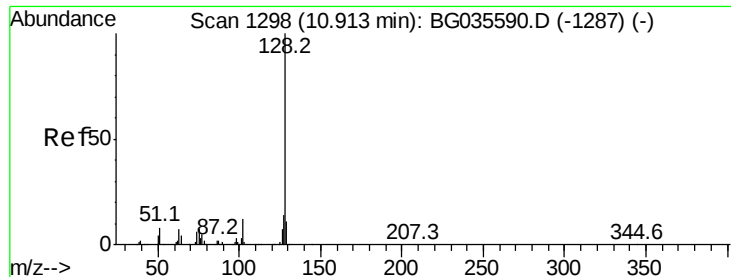
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.046 ng
 RT: 10.69 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion:	180	Resp:	170061
Ion Ratio	Lower	Upper	
180	100		
182	94.2	77.5	116.3
145	27.0	23.4	35.2





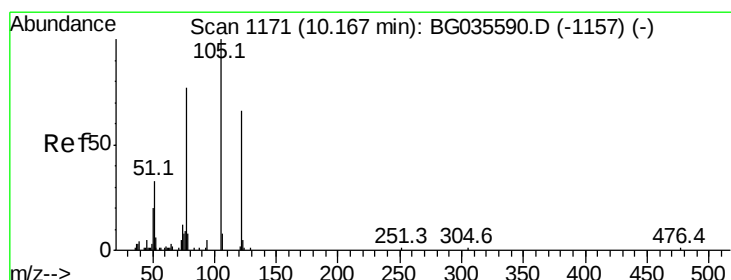
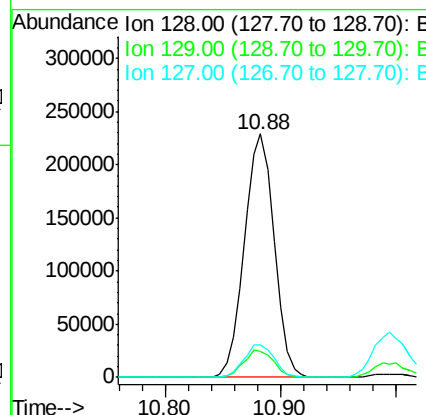
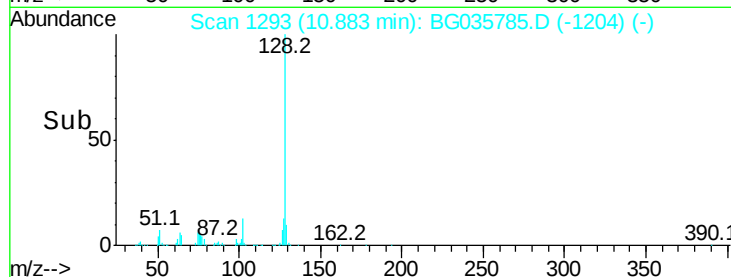
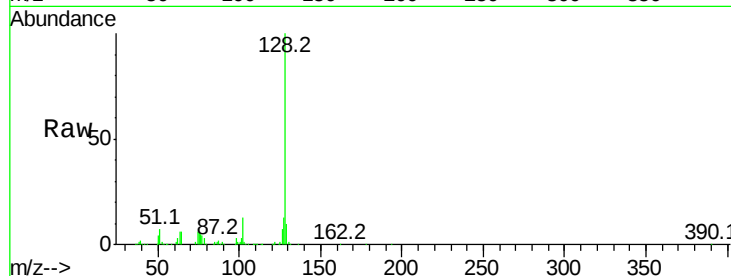
#31
Naphthalene
Concen: 43.187 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.3	11.6	17.4

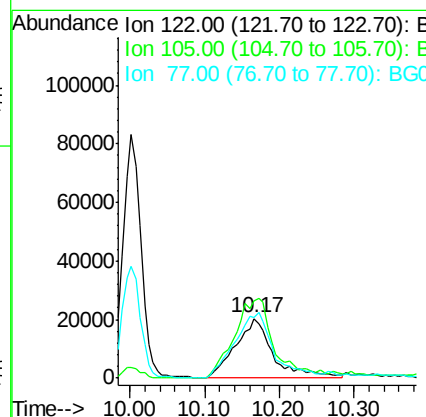
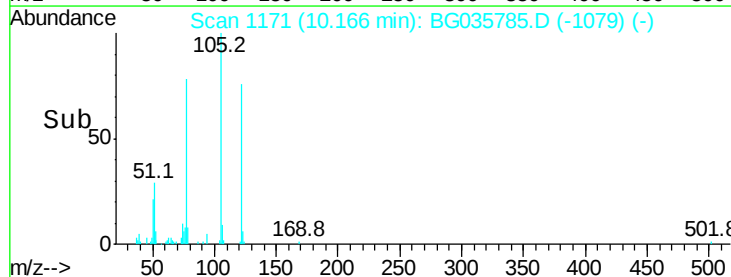
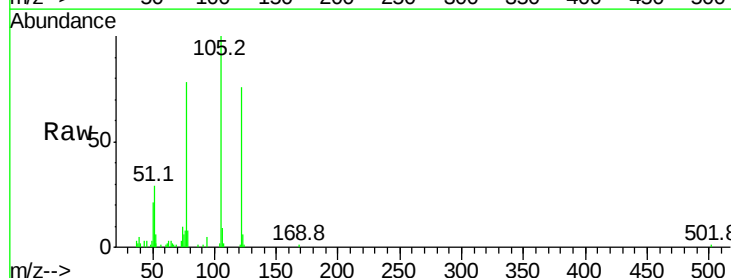
Manual Integrations
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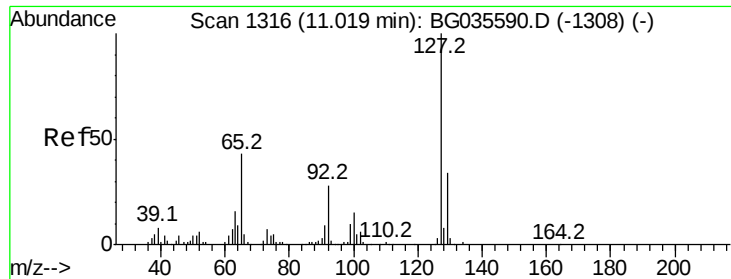
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#32
Benzoic acid
Concen: 40.601 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.3	123.5	163.5
77	103.0	85.7	125.7





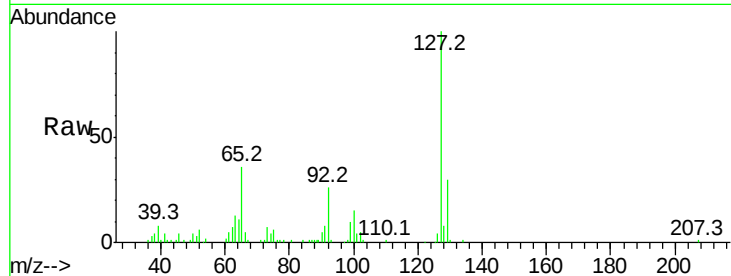
#33
4-Chloroaniline
Concen: 22.290 ng
RT: 10.99 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.1	24.0	36.0
65	36.2	27.0	40.4
92	26.1	16.6	25.0

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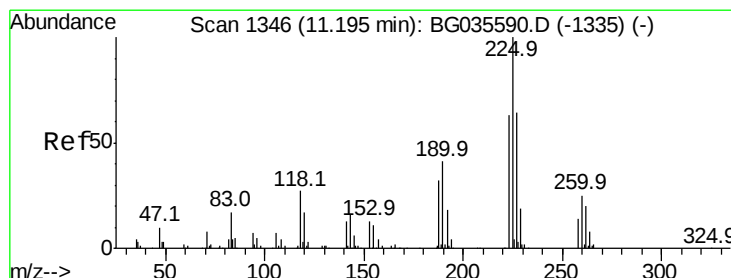
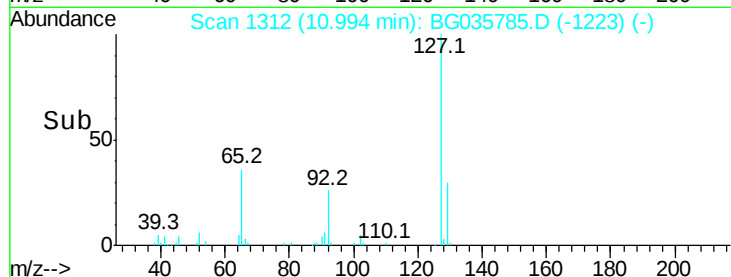
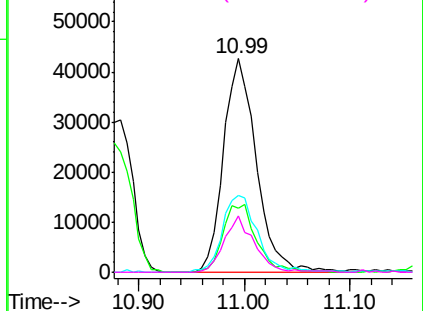
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.175 ng
RT: 11.16 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

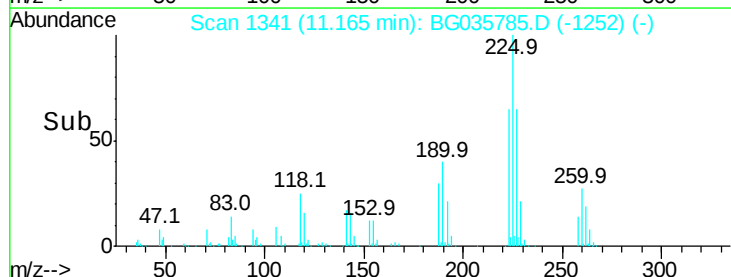
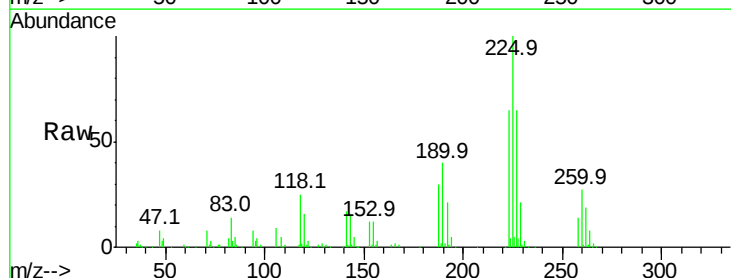
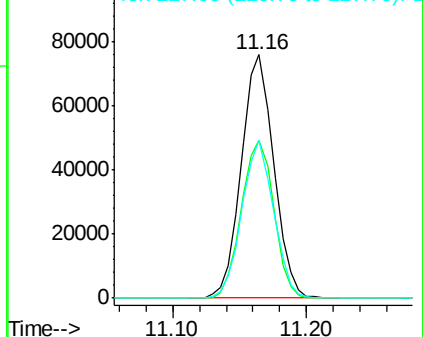
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.7	49.7	74.5
227	65.0	48.1	72.1

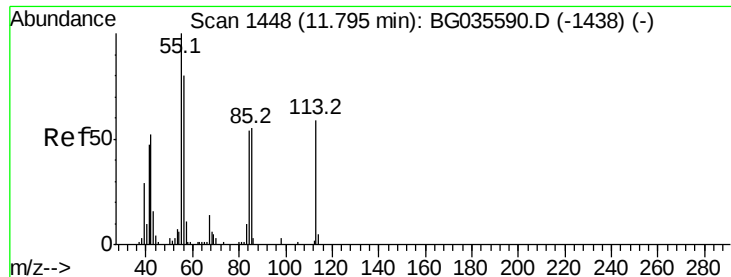
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.648 ng/ml

RT: 11.77 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampled :

PB111042BS

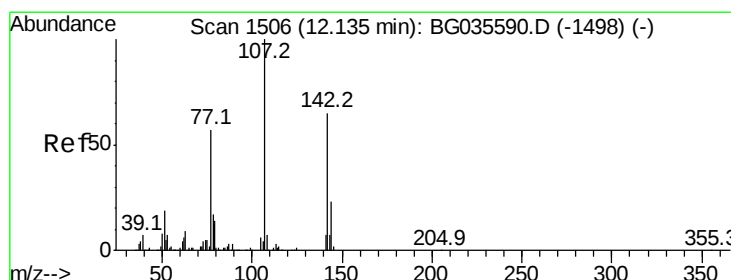
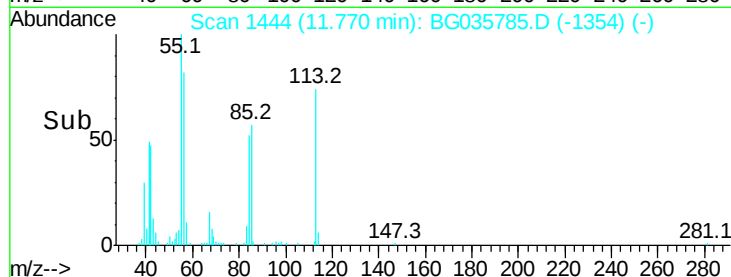
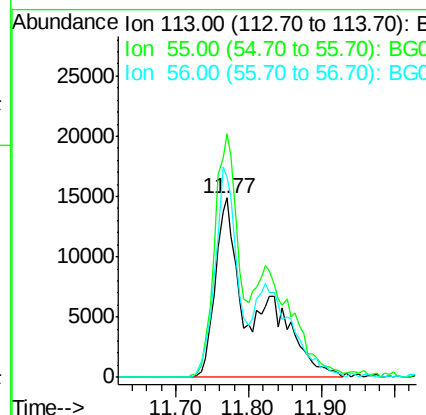
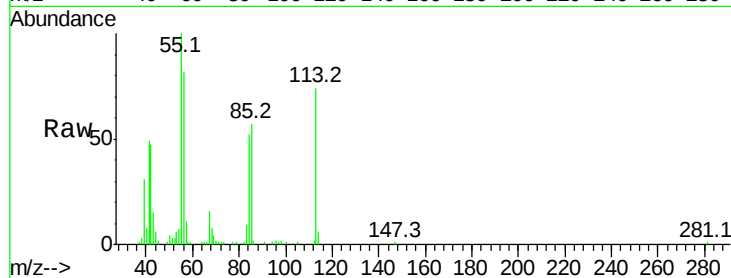
Tot Ion:113 Resp: 55123

Ion	Ratio	Lower	Upper
113	100		
55	136.0	186.9	226.9#
56	111.6	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 46.078 ng/ml

RT: 12.12 min Scan# 1503

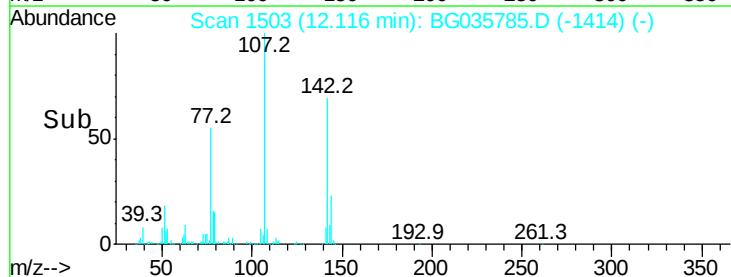
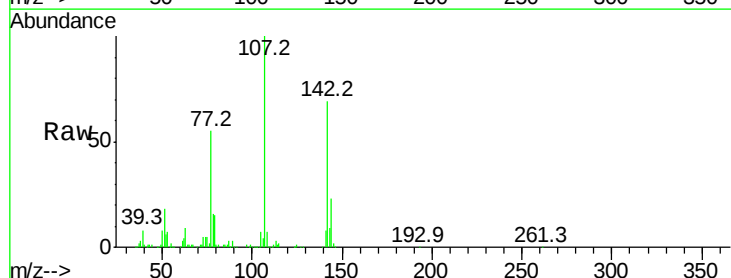
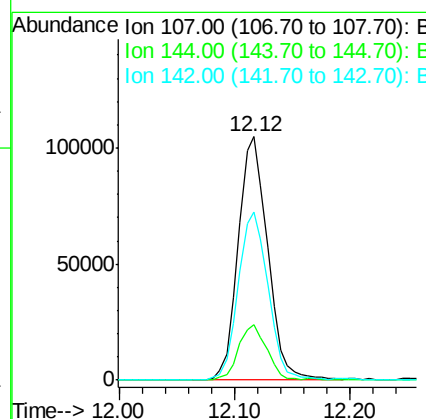
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:107 Resp: 186025

Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.2	27.4
142	69.0	59.0	88.4





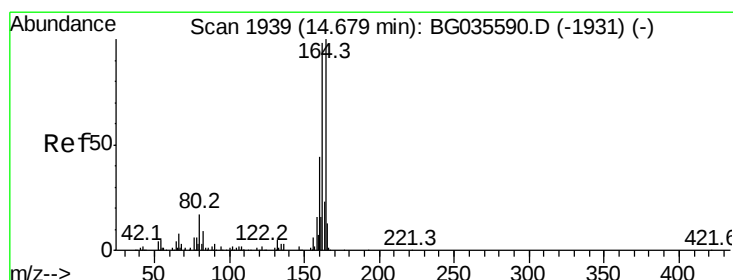
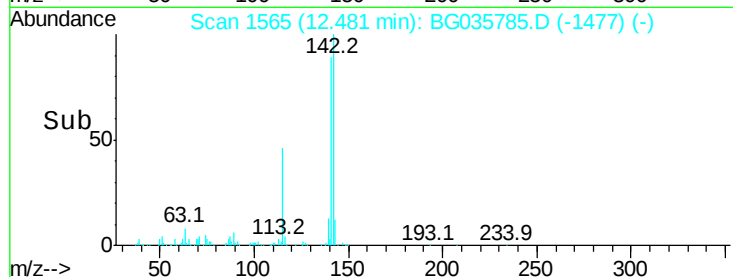
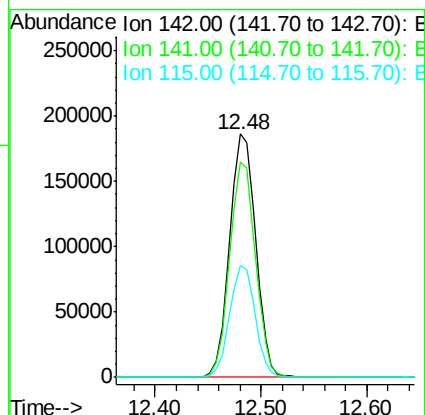
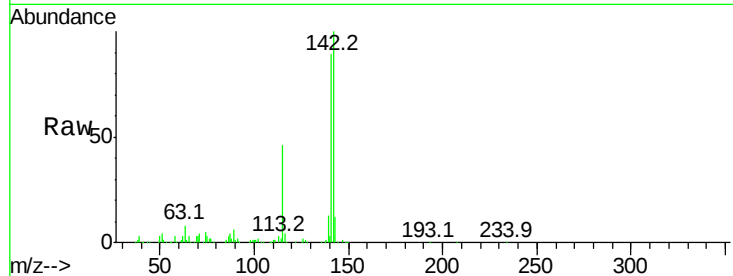
#37
2-Methylnaphthalene
Concen: 44.807 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.5	67.1	100.7	
115	45.8	30.7	46.1	

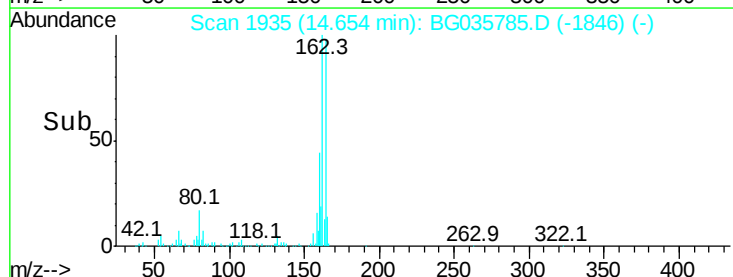
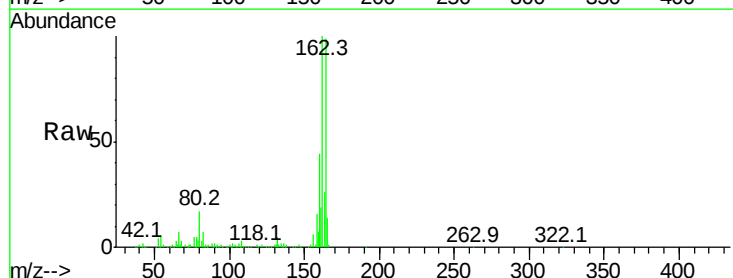
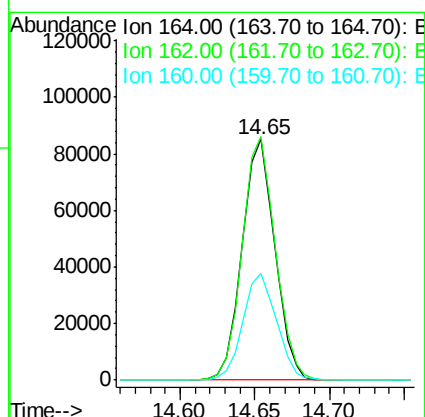
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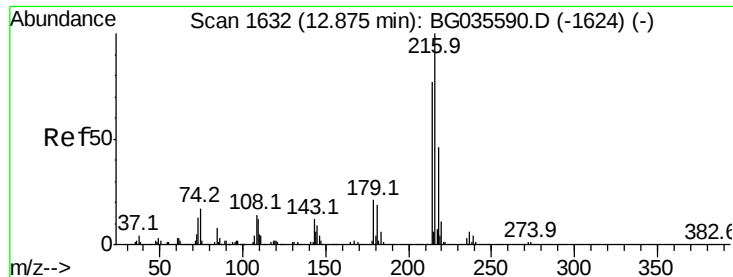
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	78.8	118.2	
160	44.2	35.4	53.0	





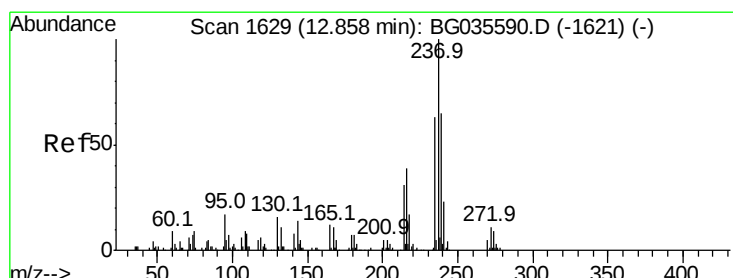
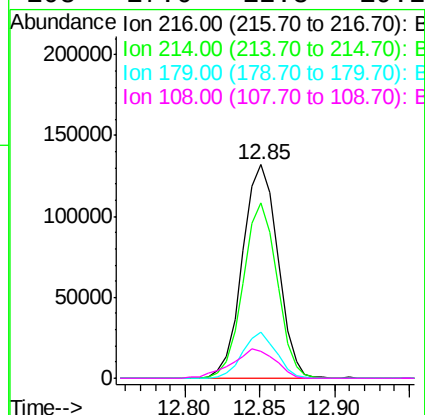
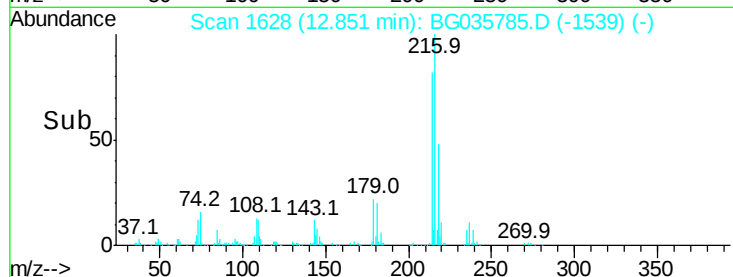
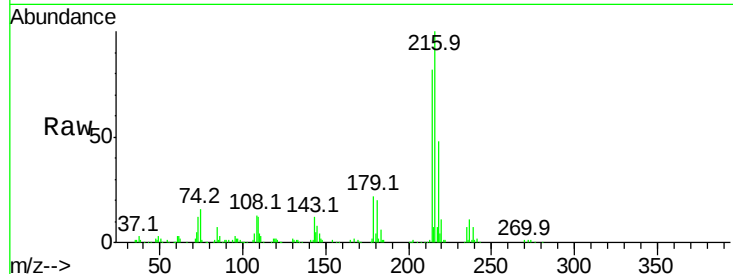
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.399 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216114		
214	78.9	63.0	94.4	
179	20.6	17.0	25.6	
108	17.0	12.8	19.2	

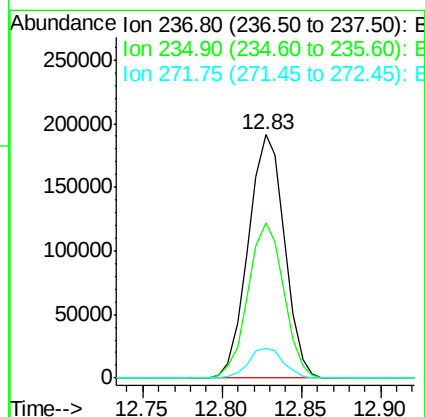
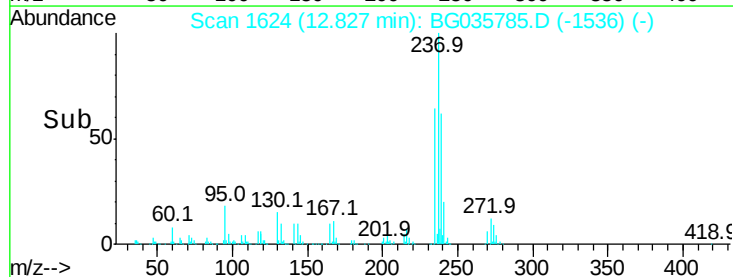
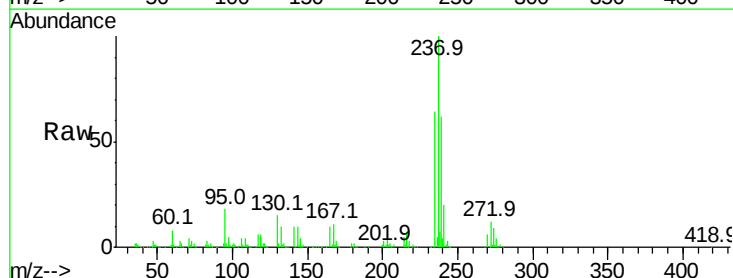
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#40
 Hexachlorocyclopentadiene
 Concen: 119.117 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	304075		
235	63.6	50.4	90.4	
272	12.0	0.0	31.8	





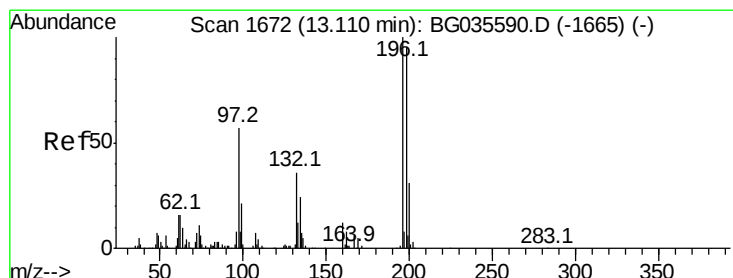
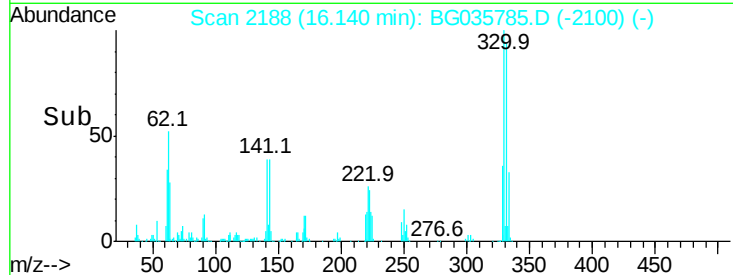
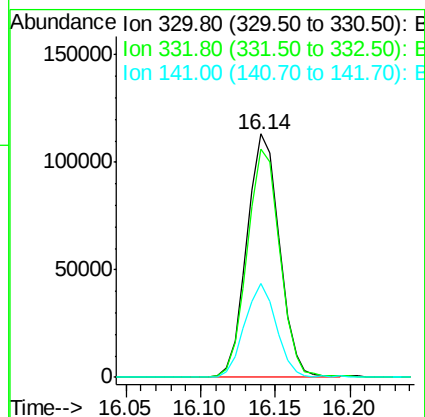
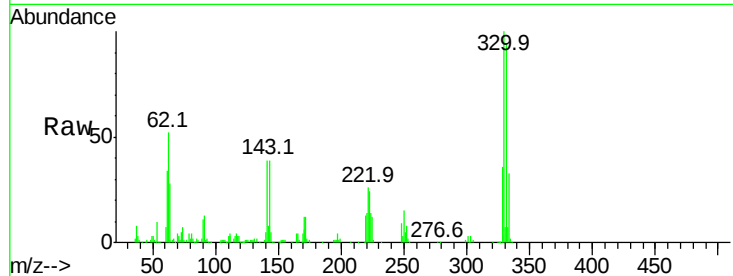
#41
 2,4,6-Tribromophenol
 Concen: 100.631 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	37.3	25.2	37.8

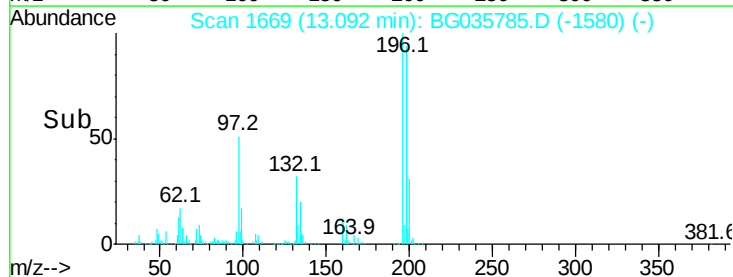
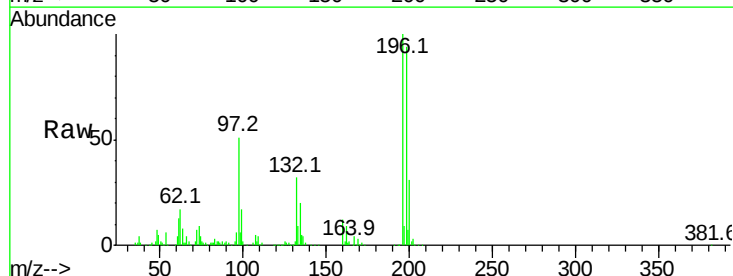
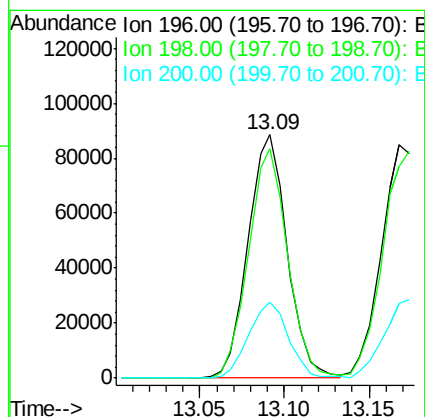
Manual Integrations
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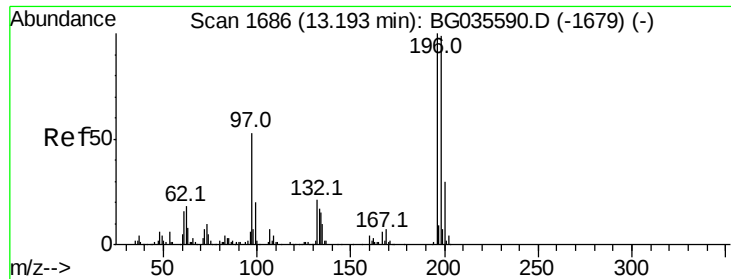
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#42
 2,4,6-Trichlorophenol
 Concen: 50.021 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.2	117.2
200	31.1	24.6	36.8





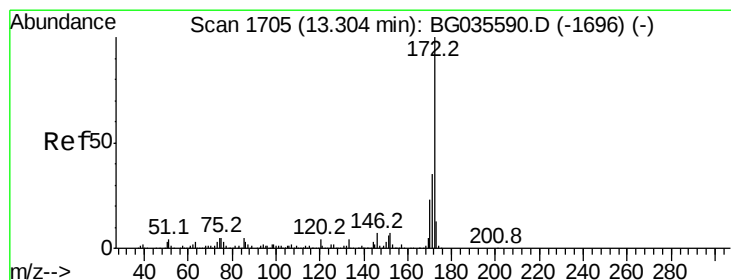
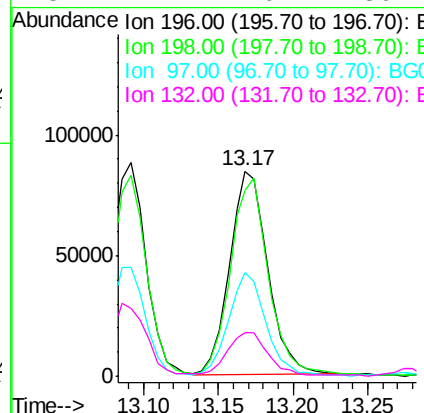
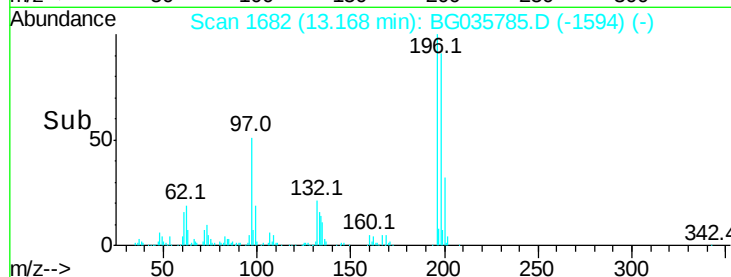
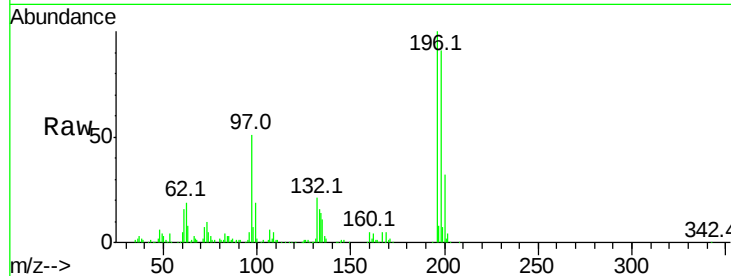
#43
 2,4,5-Trichlorophenol
 Concen: 47.576 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151502		
198	90.5	76.2	114.4	
97	50.6	38.7	58.1	
132	21.1	20.2	30.2	

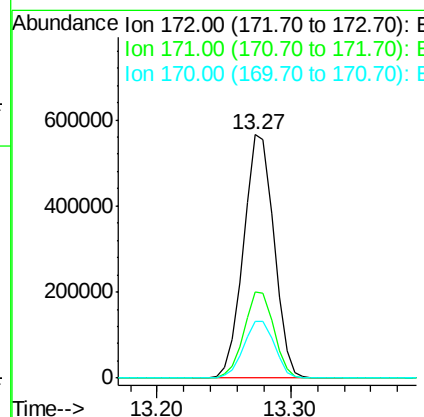
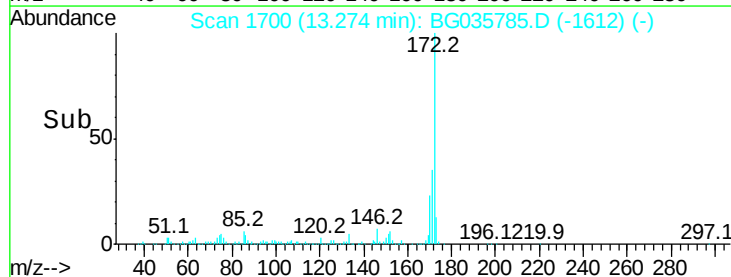
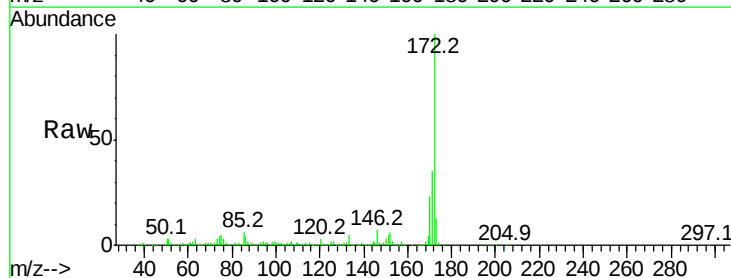
Manual Integrations
 APPROVED

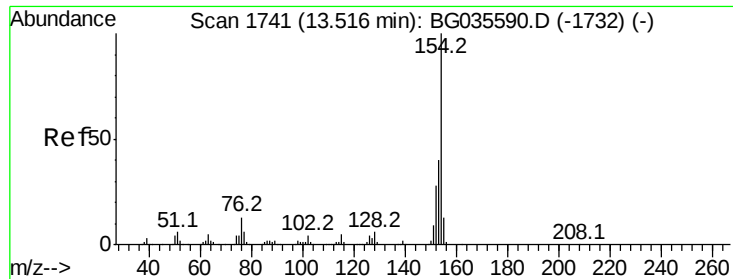
Sohil
 7/23/2018 2:18:55 PM



#44
 2-Fluorobiphenyl
 Concen: 92.337 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	888836		
171	35.4	30.0	45.0	
170	23.5	19.5	29.3	





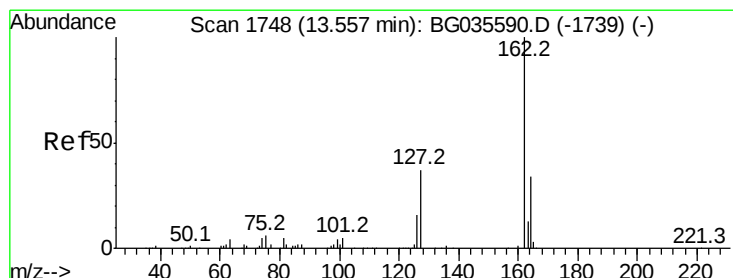
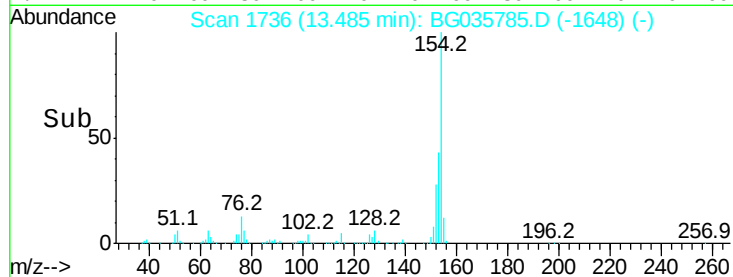
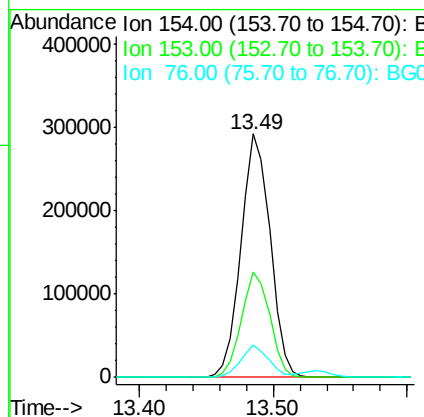
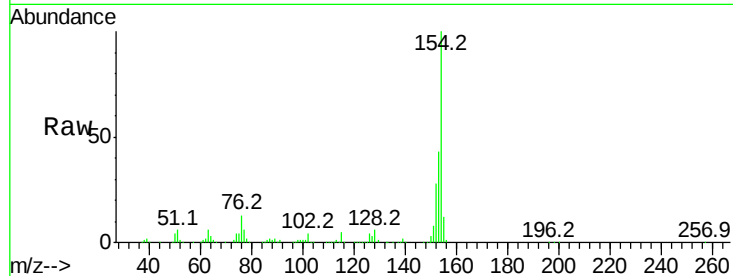
#45
 1,1'-Biphenyl
 Concen: 44.081 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.8	59.8
76	13.3	0.0	31.9

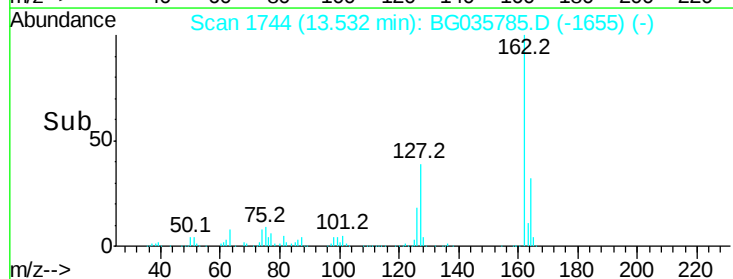
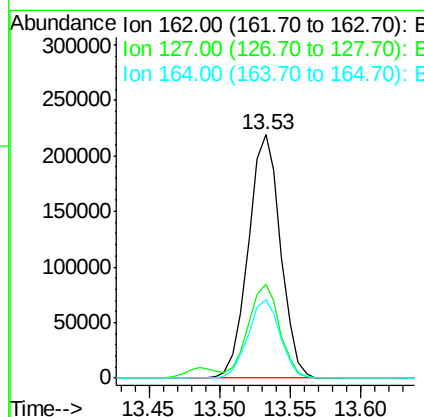
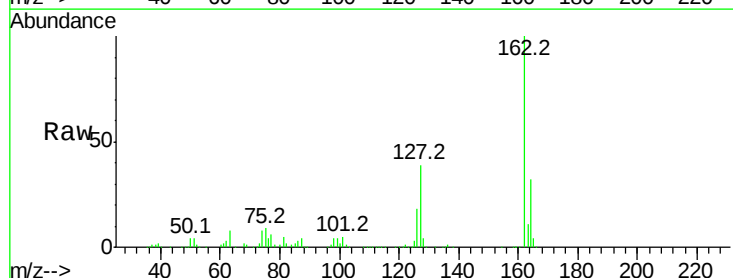
Manual Integrations
 APPROVED

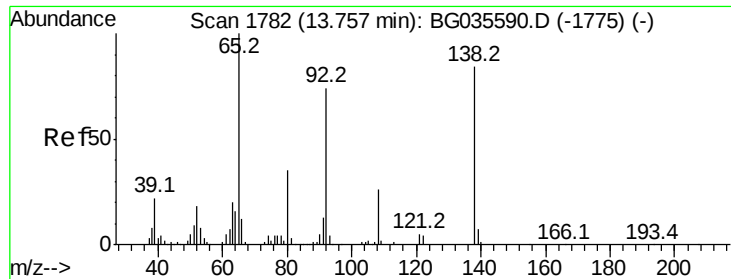
Sohil
 7/23/2018 2:18:55 PM



#46
 2-Chloronaphthalene
 Concen: 45.070 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.7	46.1
164	32.0	26.0	39.0





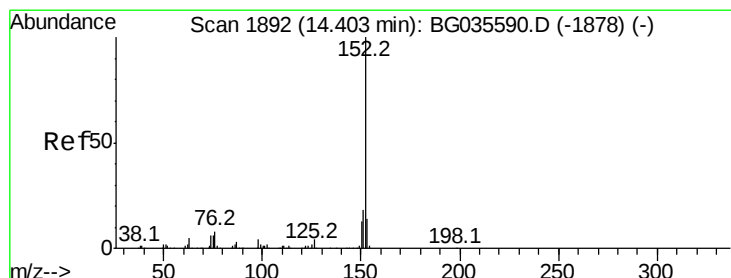
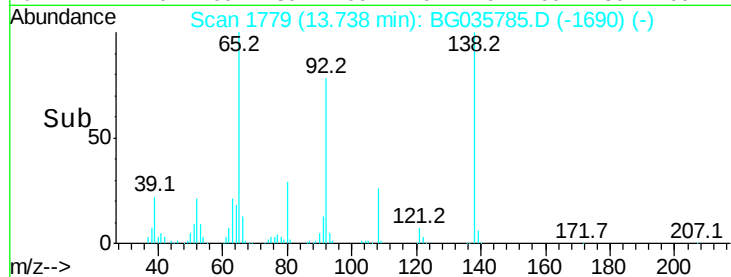
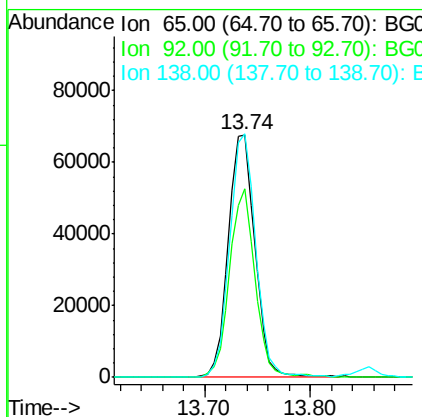
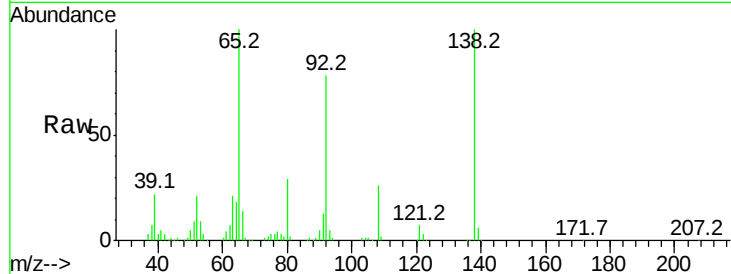
#47
 2-Nitroaniline
 Concen: 42.877 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117892		
92	78.0	54.6	82.0	
138	100.5	72.9	109.3	

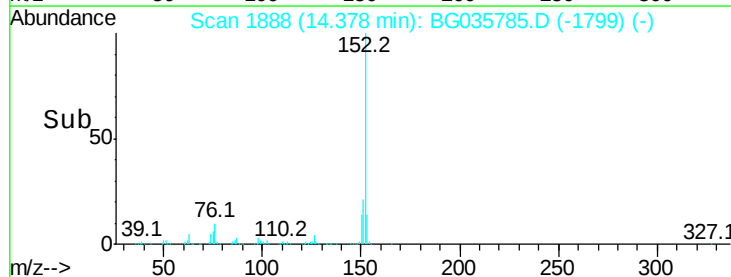
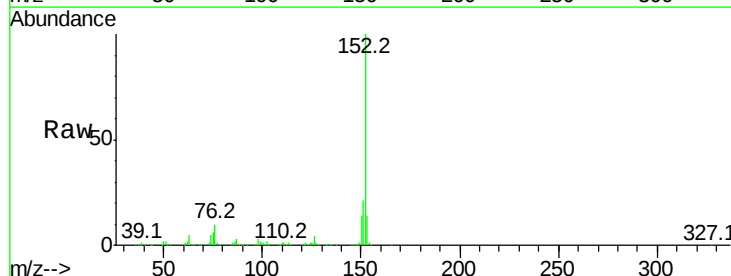
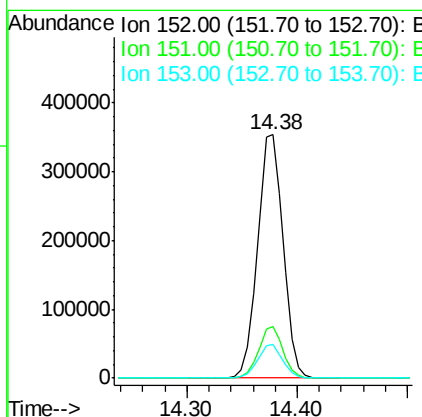
Manual Integrations
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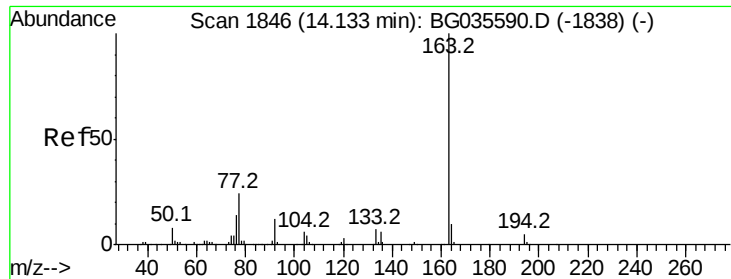
Sohil
 7/23/2018 2:18:55 PM



#48
 Acenaphthylene
 Concen: 44.065 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	574069		
151	21.0	17.2	25.8	
153	13.9	10.2	15.4	





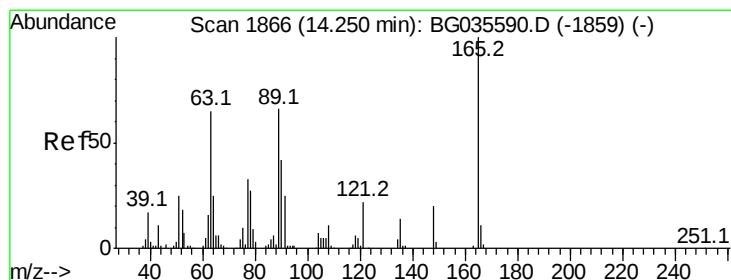
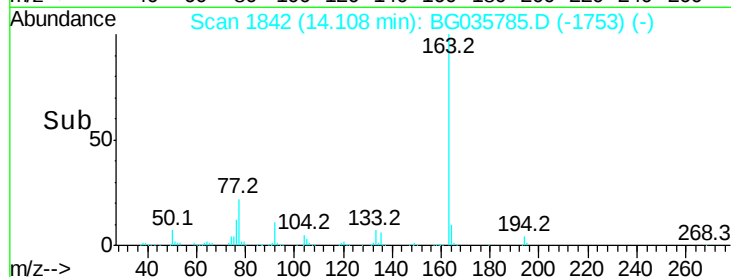
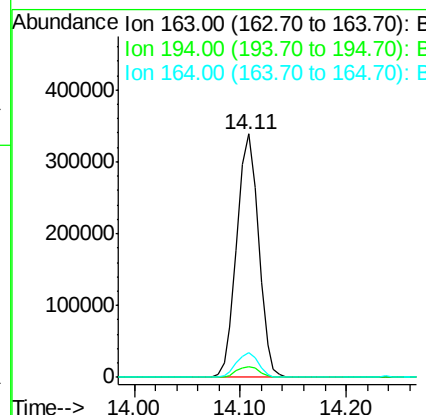
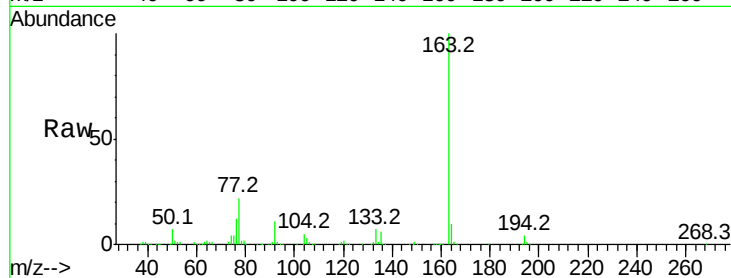
#49
Dimethylphthalate
Concen: 42.723 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	482729		
194	4.4		3.4	5.2
164	10.1		8.2	12.4

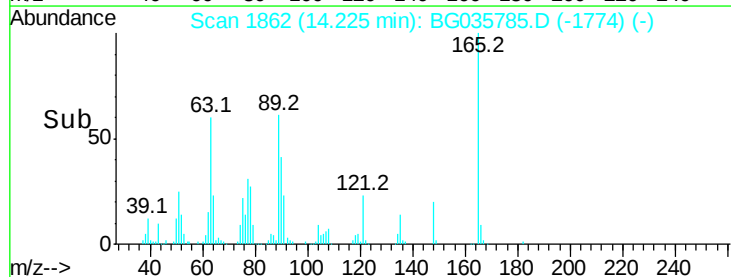
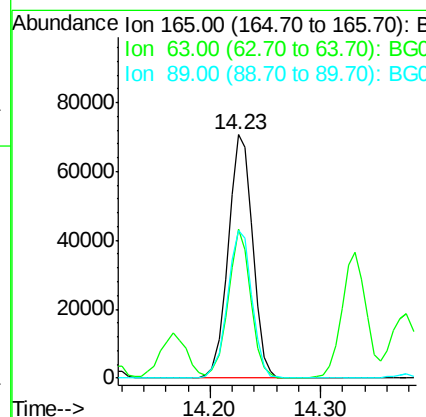
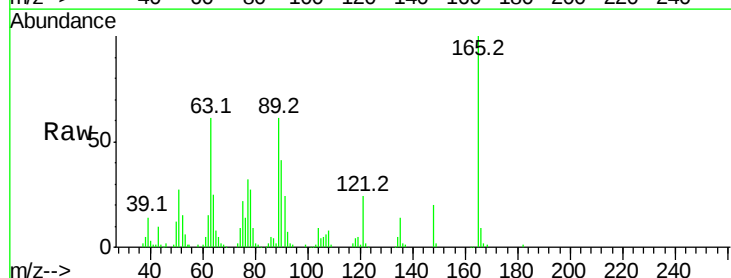
Manual Integrations
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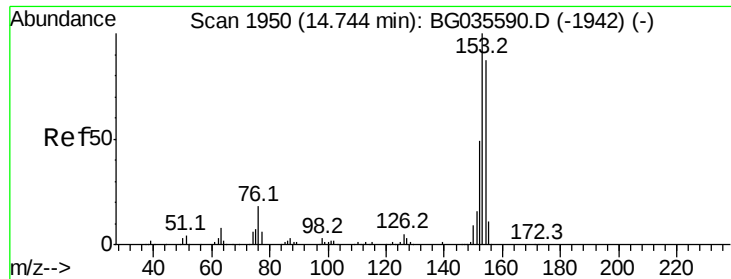
Sohil
7/23/2018 2:18:55 PM



#50
2,6-Dinitrotoluene
Concen: 47.470 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109226		
63	61.3		52.7	79.1
89	60.8		49.2	73.8





#51

Acenaphthene

Concen: 41.273 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

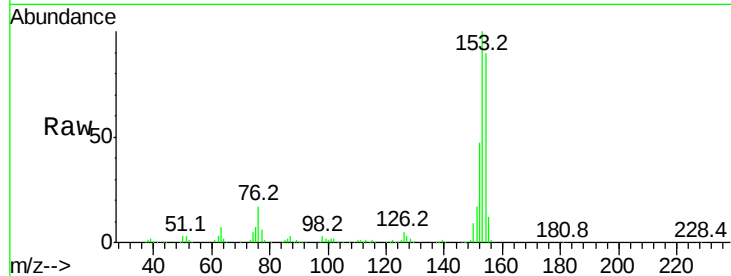
ClientSampleId :

PB111042BS

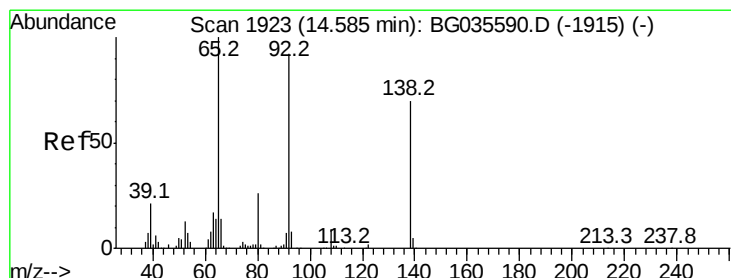
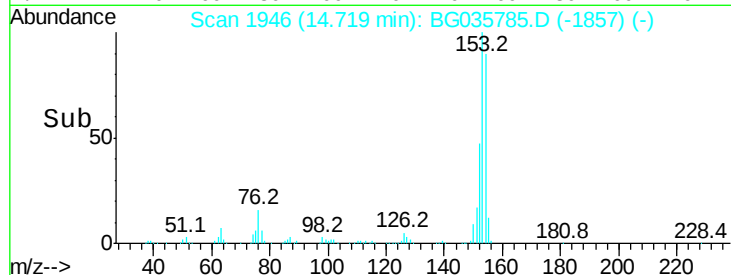
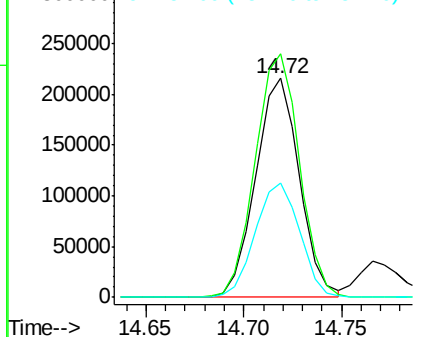
Tot Ion:	154	Resp:	334951
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.4	135.6
152	52.4	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.288 ng

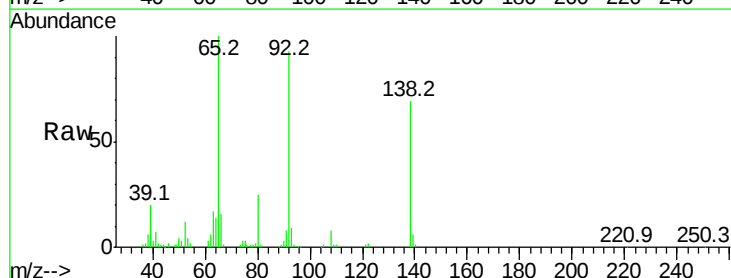
RT: 14.56 min Scan# 1919

Delta R.T. -0.01 min

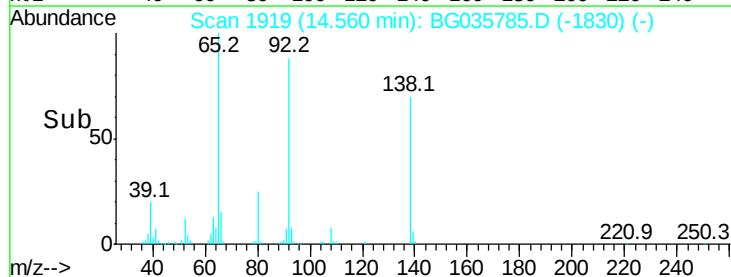
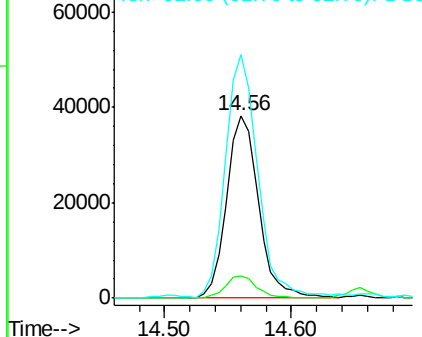
Lab File: BG035785.D

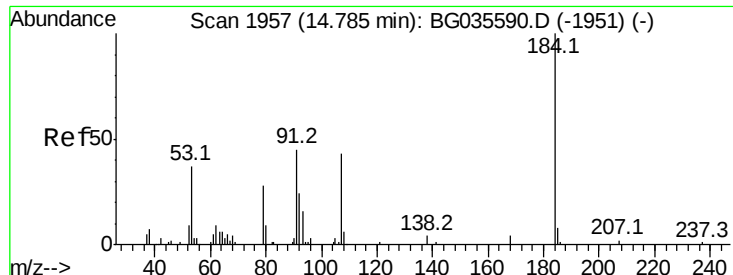
Acq: 20 Jul 2018 15:34

Tgt Ion:	138	Resp:	66526
Ion Ratio	Lower	Upper	
138	100		
108	12.1	17.5	26.3#
92	133.6	105.8	158.8



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





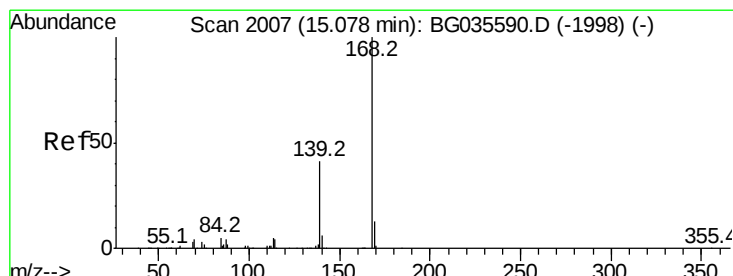
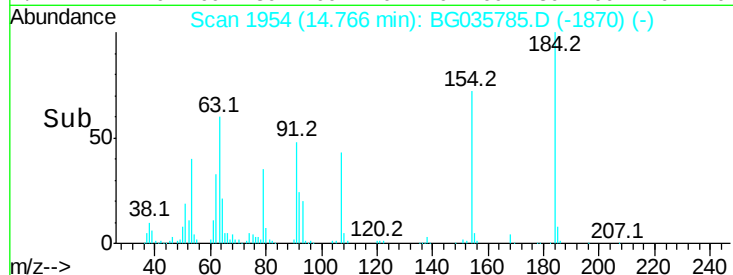
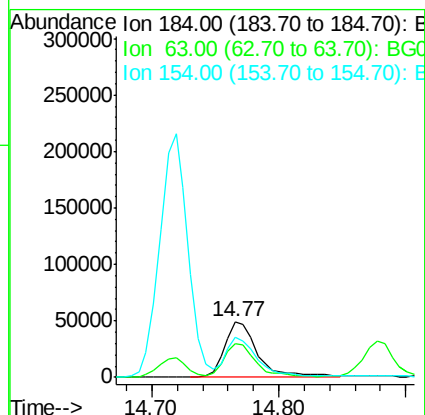
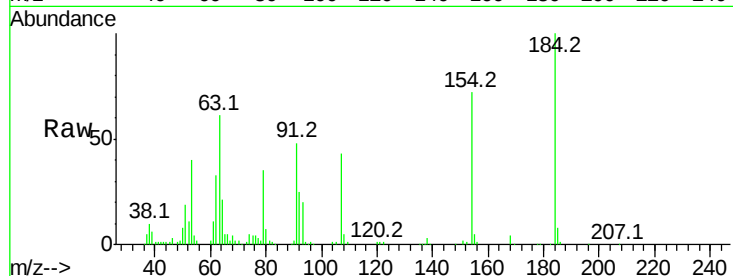
#53
2,4-Dinitrophenol
Concen: 75.460 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.04 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.7	59.8	89.8	
154	71.6	101.8	152.8	

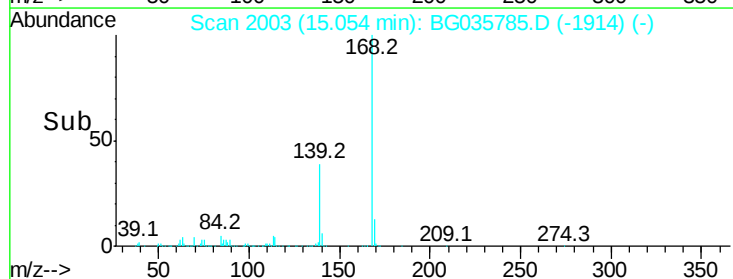
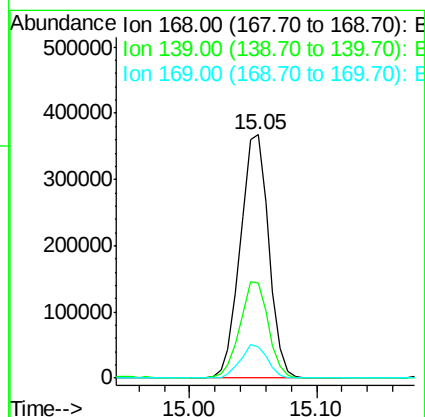
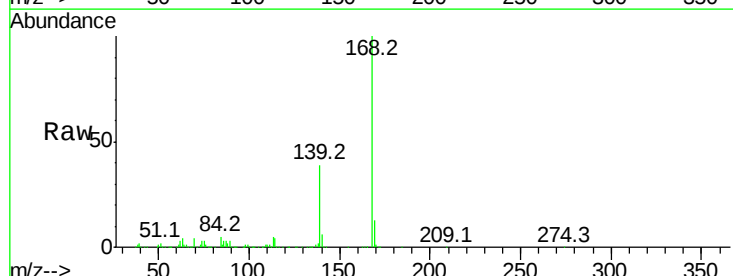
Manual Integrations
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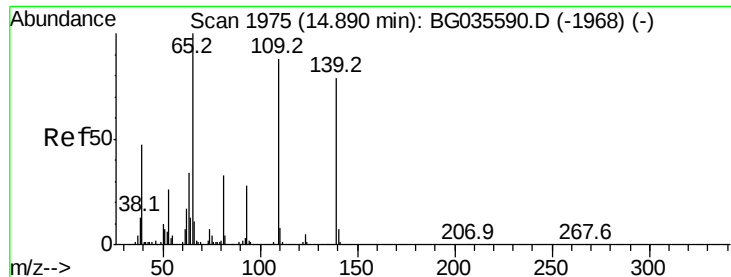
Sohil
7/23/2018 2:18:55 PM



#54
Dibenzofuran
Concen: 44.131 ng
RT: 15.05 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	28.6	43.0	
169	12.7	11.2	16.8	





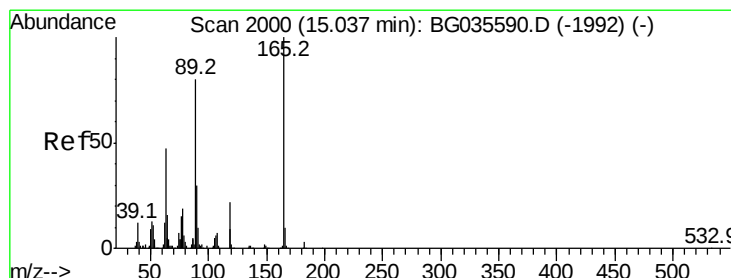
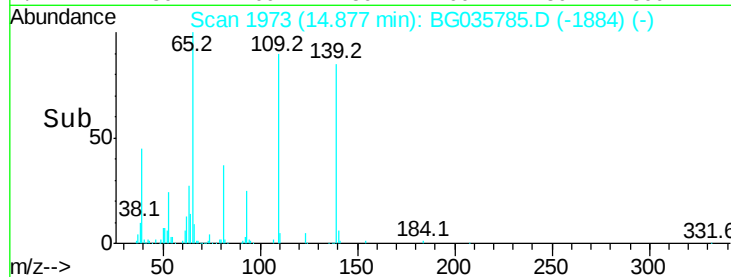
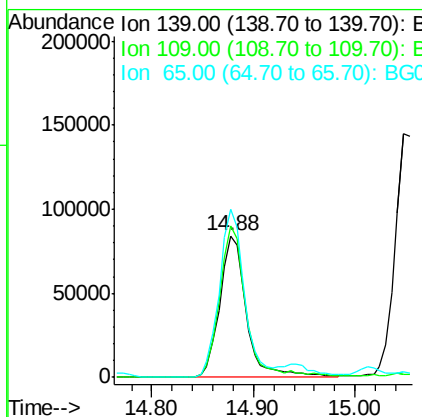
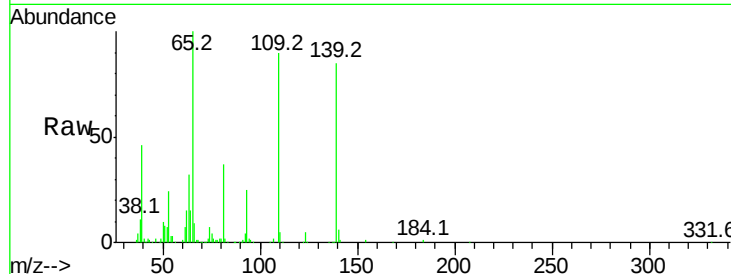
#55
4-Nitrophenol
Concen: 92.511 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	106.7	62.2	102.2#	
65	118.2	97.2	137.2	

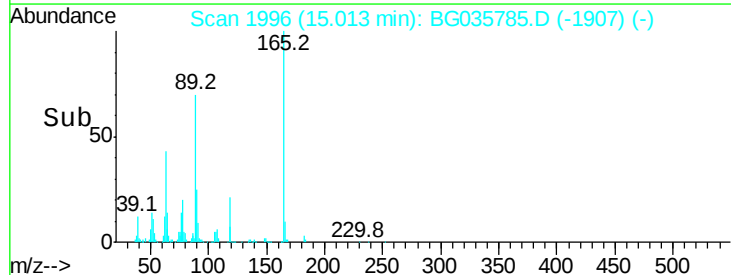
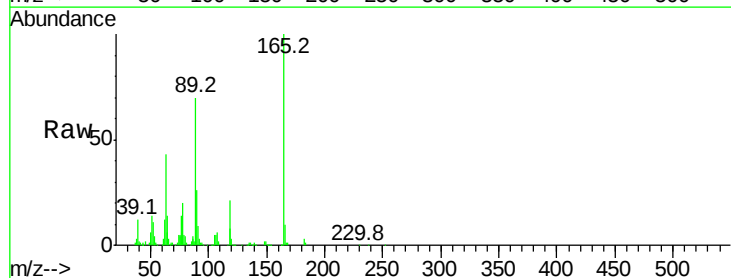
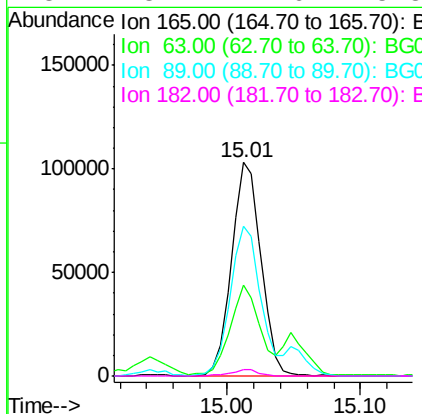
Manual Integrations
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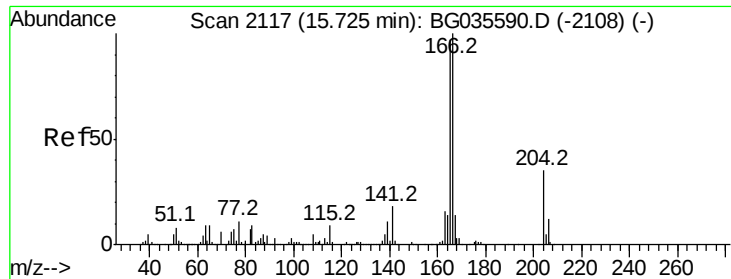
Sohil
7/23/2018 2:18:55 PM



#56
2,4-Dinitrotoluene
Concen: 48.013 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.8	42.0	63.0	
89	70.4	66.9	100.3	
182	3.1	2.6	3.8	





#57

Fluorene

Concen: 43.251 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampleId :

PB111042BS

Tot Ion:166 Resp: 467875

Ion Ratio Lower Upper

166 100

165 97.3 80.6 121.0

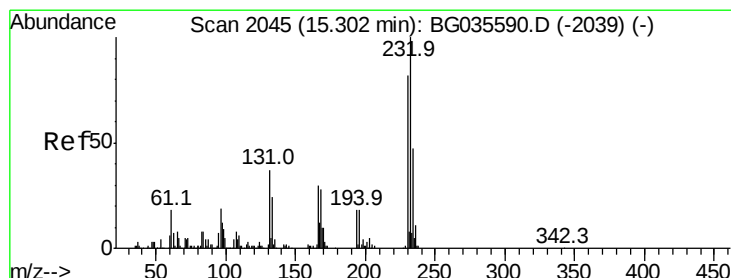
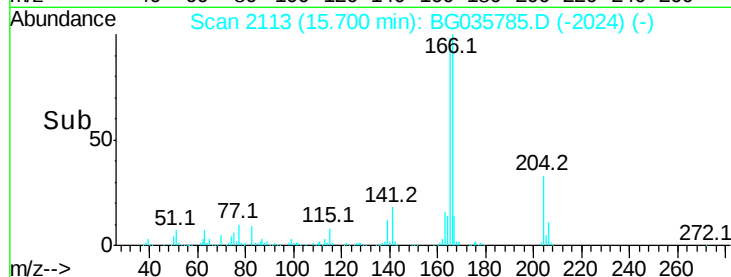
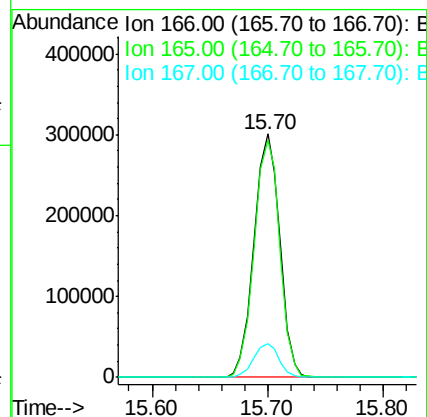
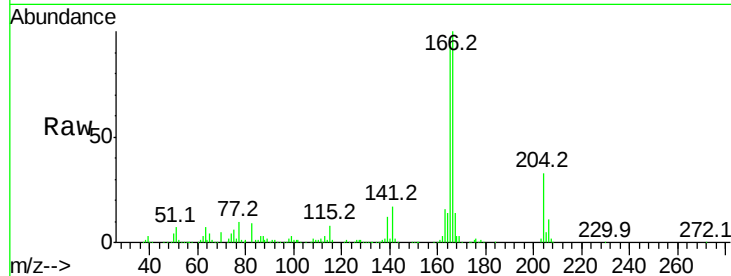
167 13.8 10.4 15.6

Manual Integrations

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Sohil

7/23/2018 2:18:55 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.953 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:232 Resp: 152518

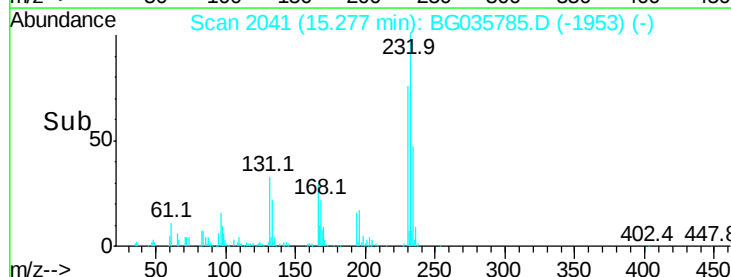
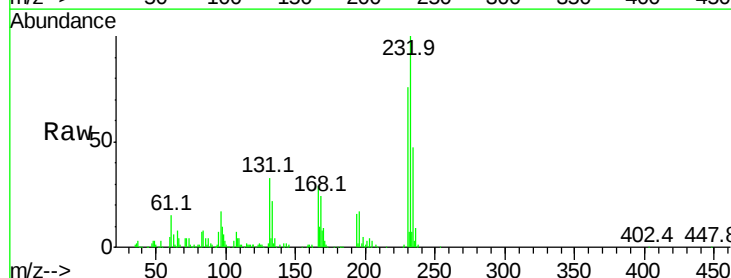
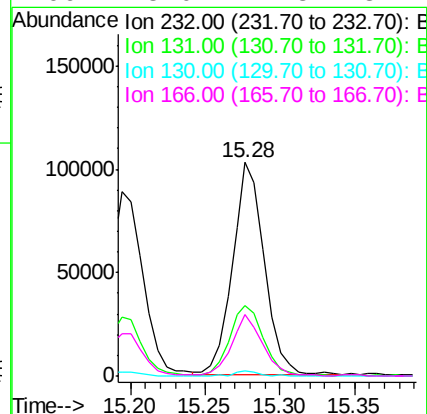
Ion Ratio Lower Upper

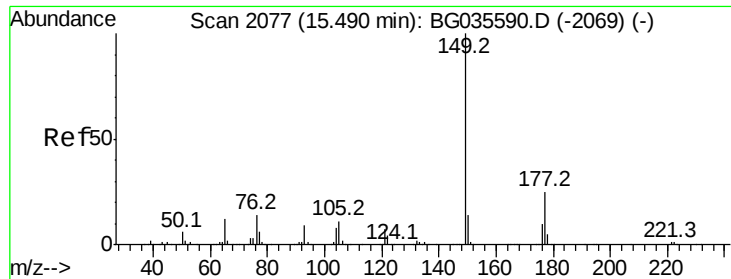
232 100

131 35.9 33.5 50.3

130 1.9 2.2 3.2#

166 28.0 24.8 37.2





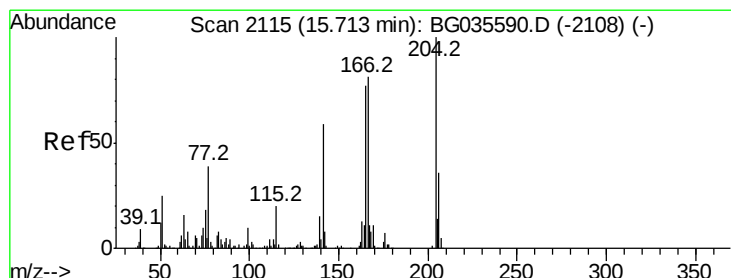
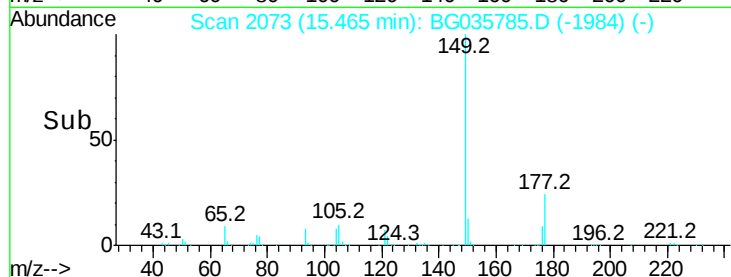
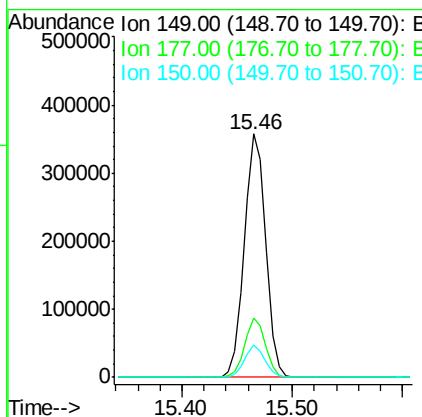
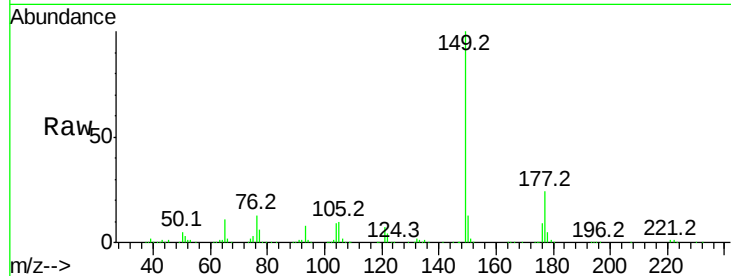
#59
Diethylphthalate
Concen: 41.725 ng
RT: 15.46 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484784		
177	24.3	18.5	27.7	
150	13.5	10.2	15.2	

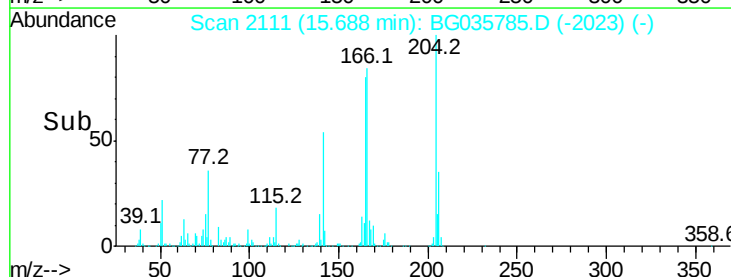
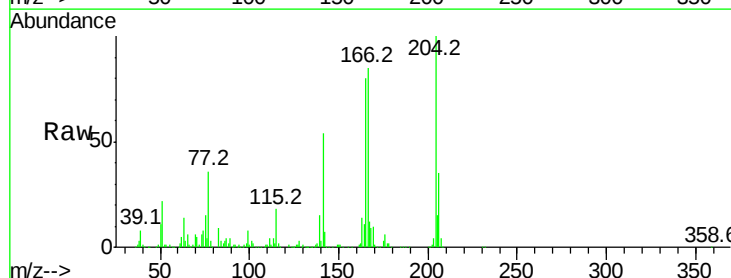
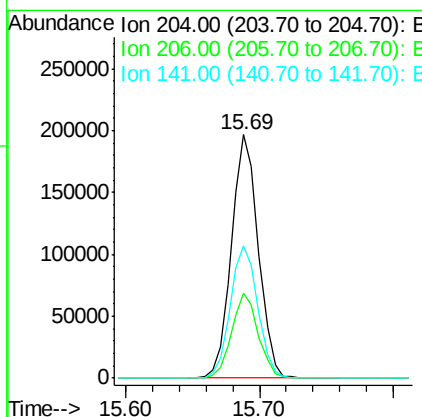
Manual Integrations
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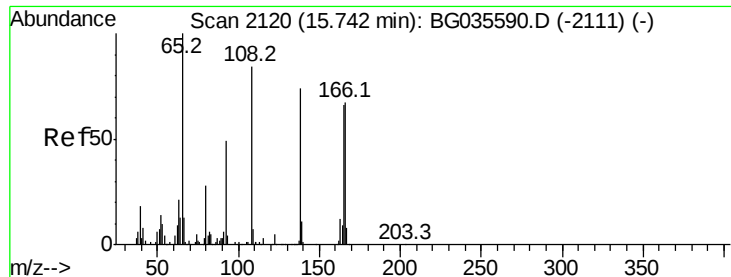
Sohil
7/23/2018 2:18:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.269 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	275105		
206	34.7	26.2	39.2	
141	54.2	45.8	68.6	





#61

4-Nitroaniline

Concen: 40.082 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

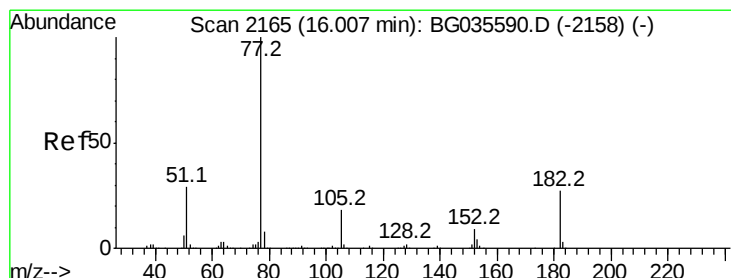
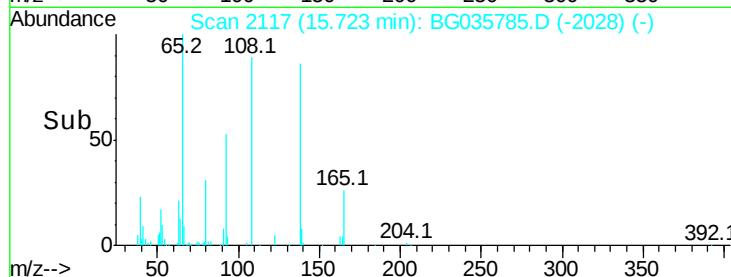
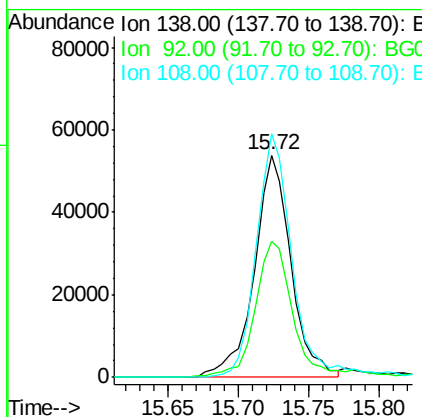
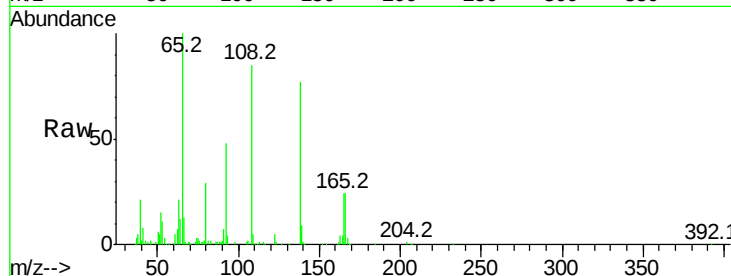
ClientSampleId :

PB111042BS

Tot Ion:	138	Resp:	98602
Ion	Ratio	Lower	Upper
138	100		
92	61.4	40.1	80.1
108	109.5	65.4	105.4#

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#62

Azobenzene

Concen: 41.875 ng

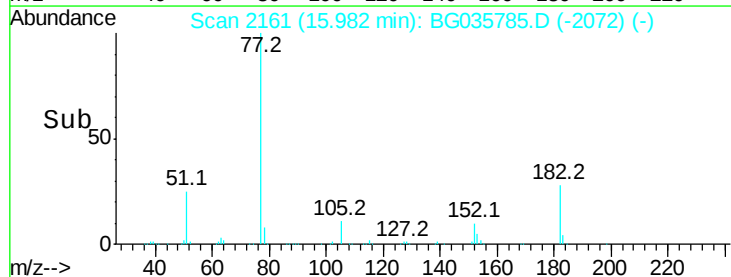
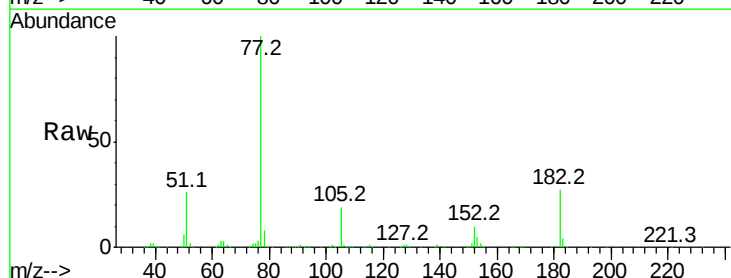
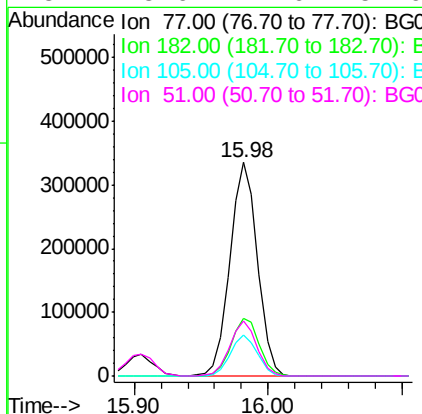
RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	77	Resp:	479902
Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.4	47.4
105	19.2	0.3	40.3
51	25.6	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

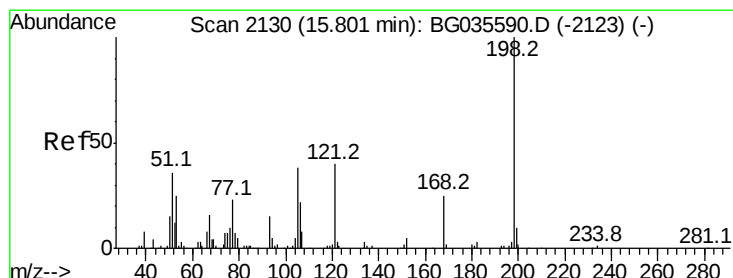
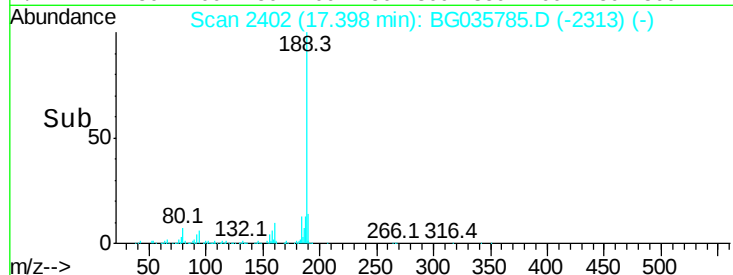
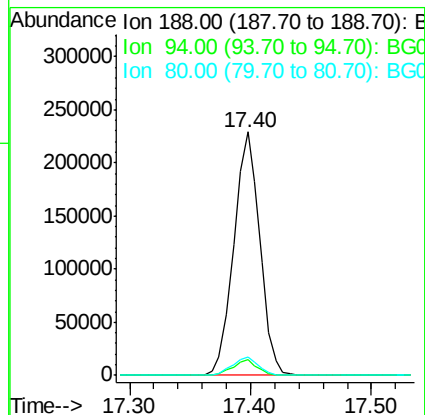
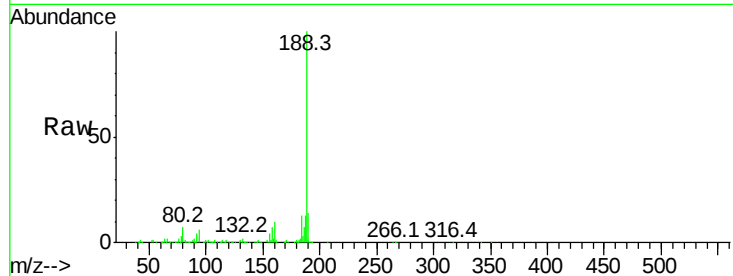
ClientSampleId :

PB111042BS

Tot Ion:	188	Resp:	343149
Ion Ratio	Lower	Upper	
188	100		
94	6.4	6.9	10.3#
80	7.4	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.263 ng

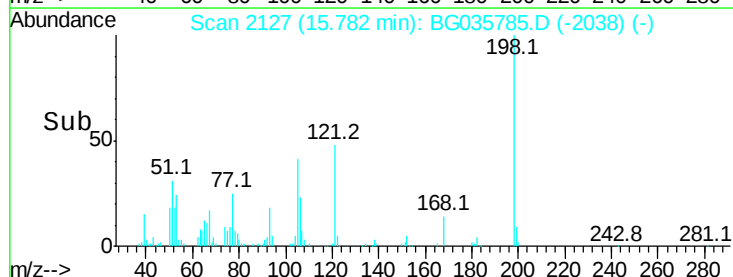
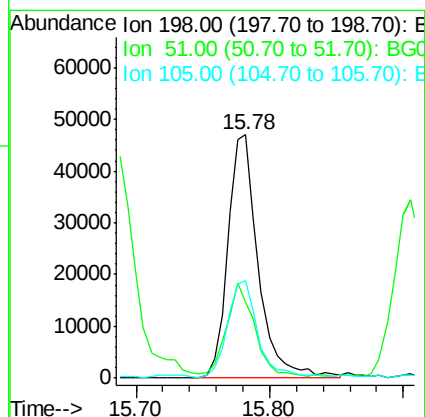
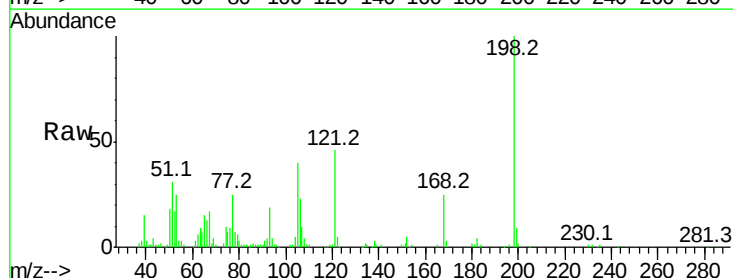
RT: 15.78 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	198	Resp:	75000
Ion Ratio	Lower	Upper	
198	100		
51	31.1	30.6	70.6
105	40.0	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 42.253 ng

RT: 15.91 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

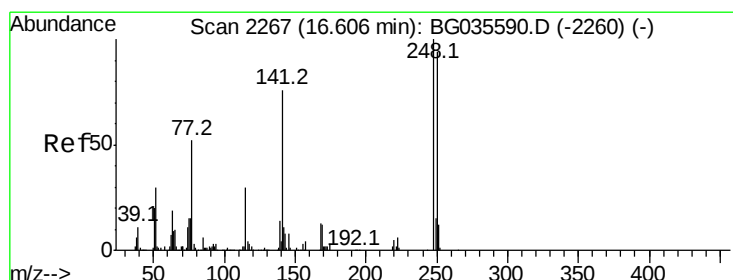
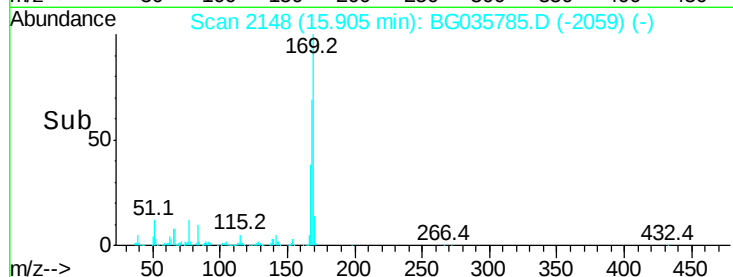
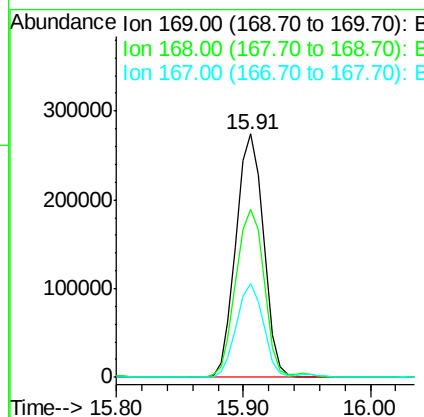
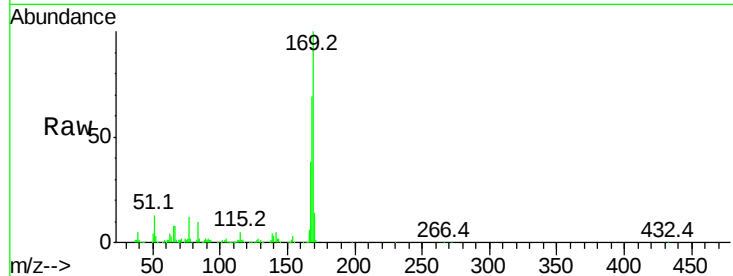
ClientSampleId :

PB111042BS

Tot Ion:	169	Resp:	412693
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.7	83.5
167	38.4	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 45.666 ng

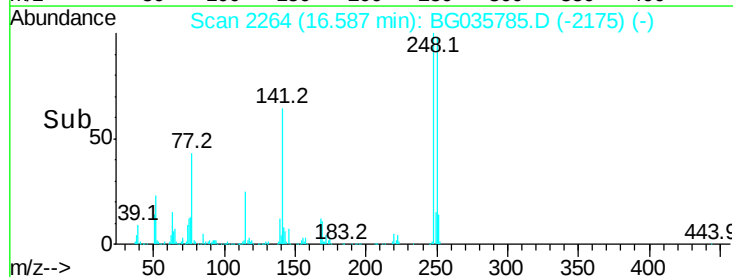
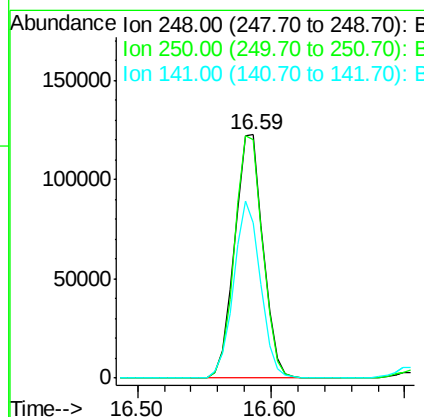
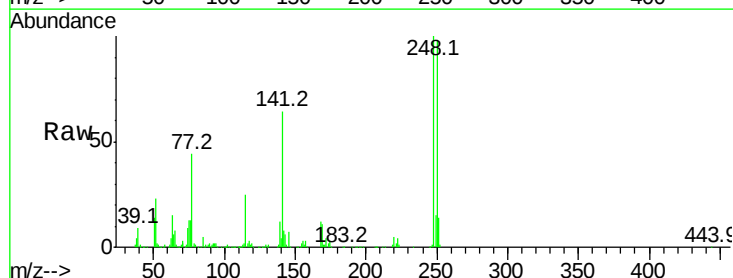
RT: 16.59 min Scan# 2264

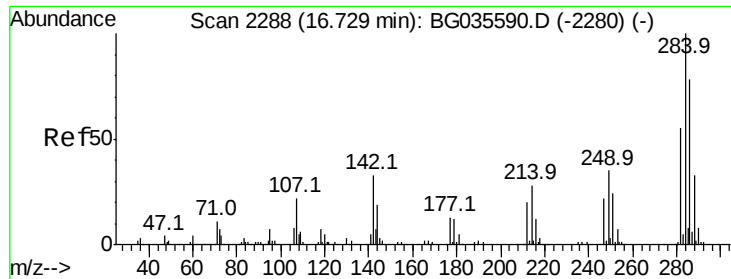
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	248	Resp:	181801
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.1	115.7
141	63.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.238 ng

RT: 16.70 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

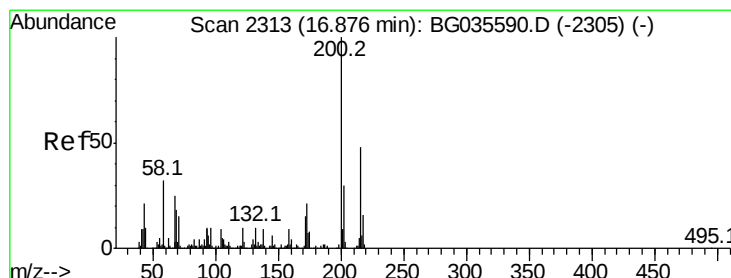
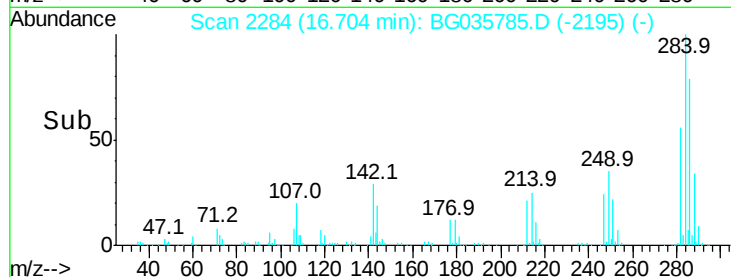
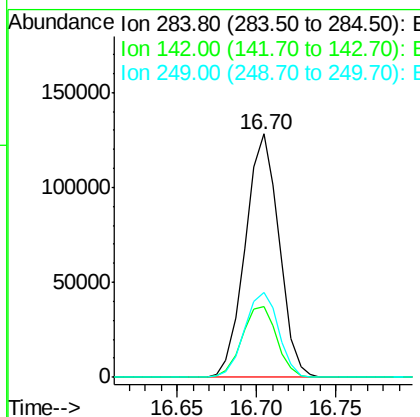
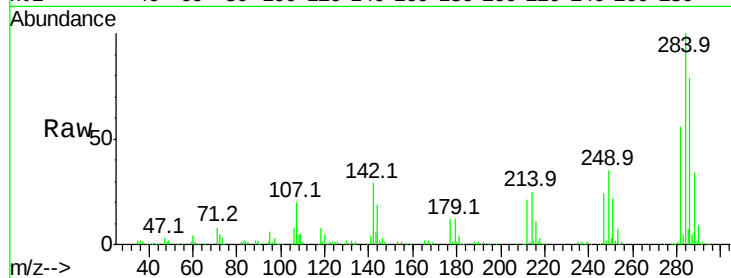
ClientSampleId :

PB111042BS

Tot Ion:	284	Resp:	189568
Ion Ratio		Lower	Upper
284	100		
142	29.3	26.8	40.2
249	35.0	26.3	39.5

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#68

Atrazine

Concen: 47.555 ng

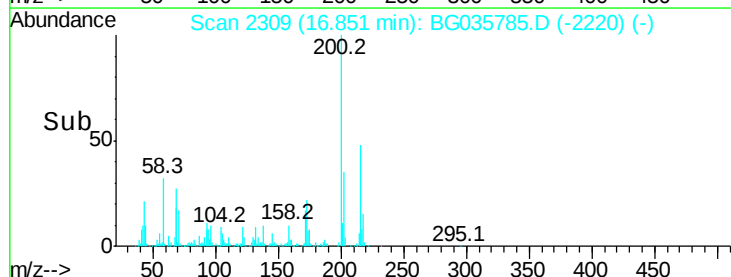
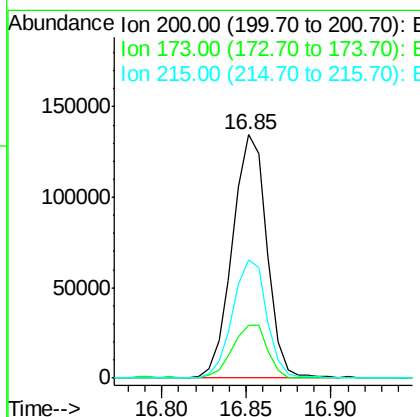
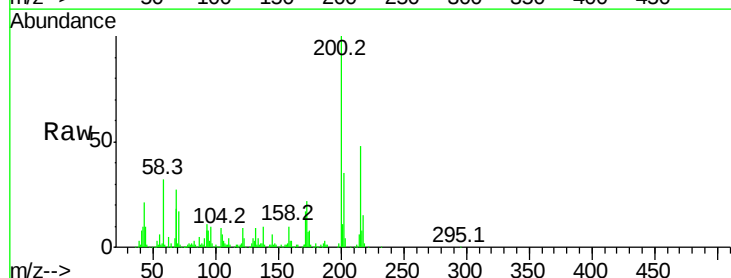
RT: 16.85 min Scan# 2309

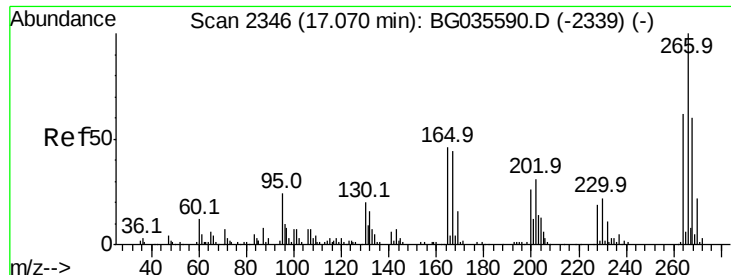
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	200	Resp:	191240
Ion Ratio		Lower	Upper
200	100		
173	21.8	5.2	45.2
215	48.4	30.4	70.4





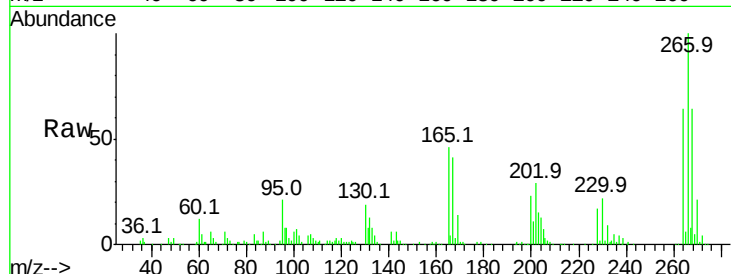
#69
 Pentachlorophenol
 Concen: 63.940 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampled :
 PB111042BS

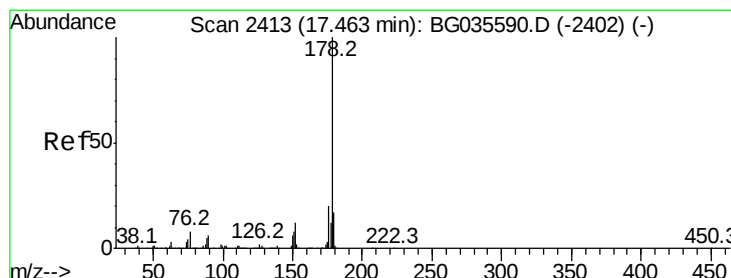
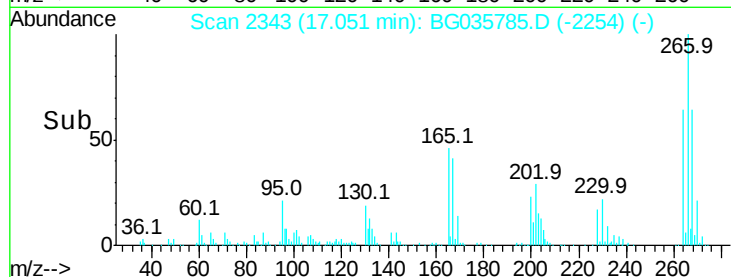
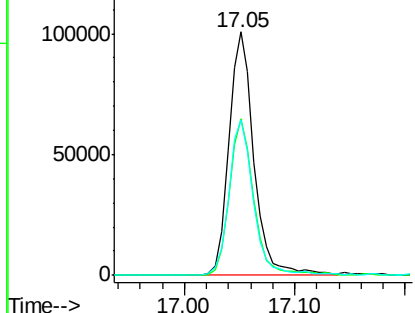
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	64.0	49.6	74.4

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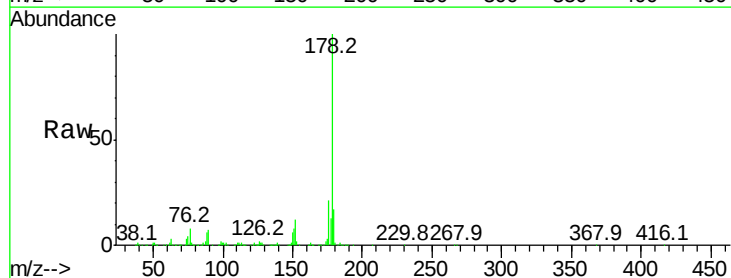


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

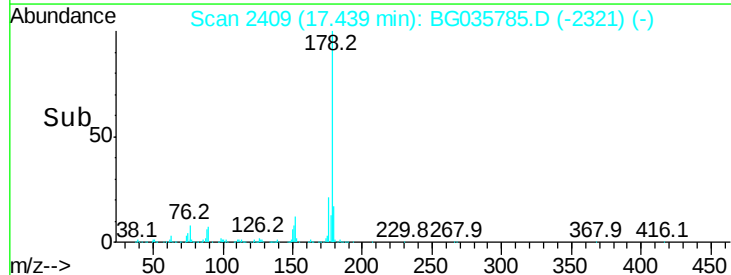
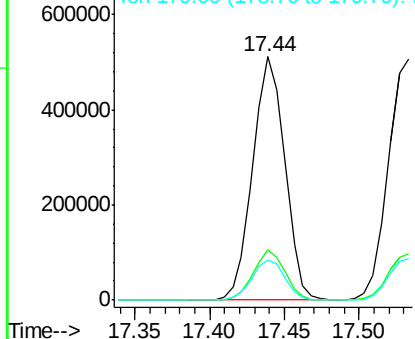


#70
 Phenanthrene
 Concen: 44.361 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.7	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





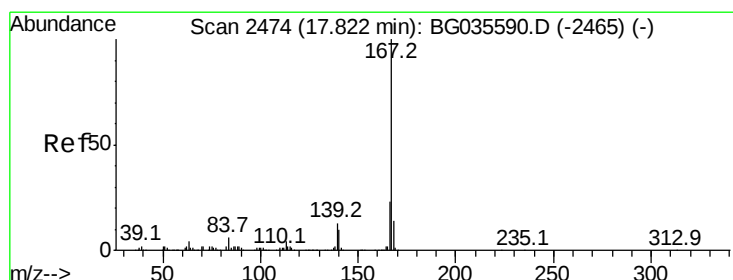
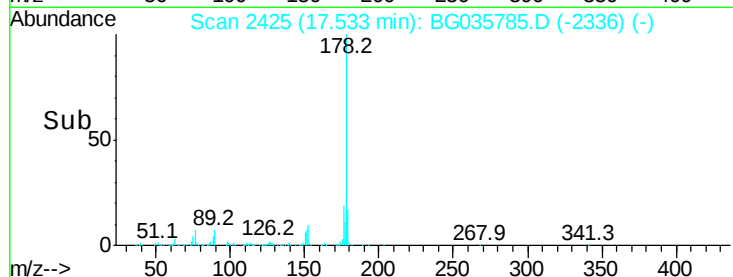
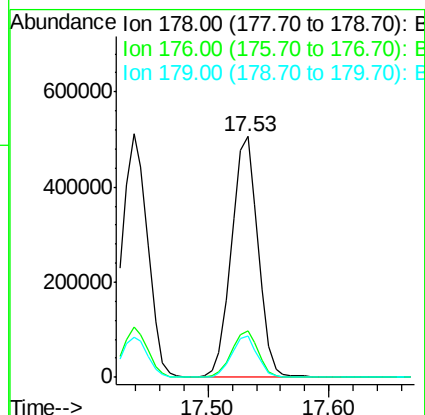
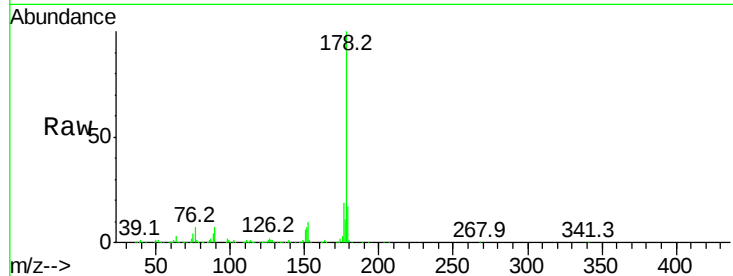
#71
 Anthracene
 Concen: 45.242 ng
 RT: 17.53 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	17.3	12.5	18.7

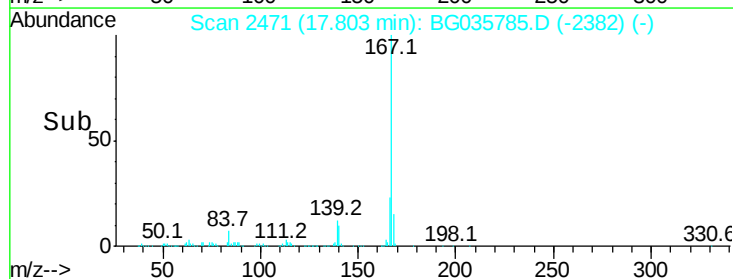
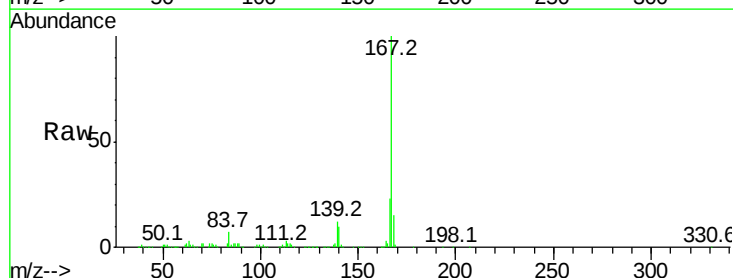
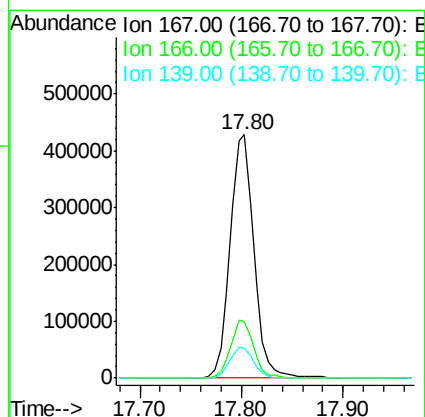
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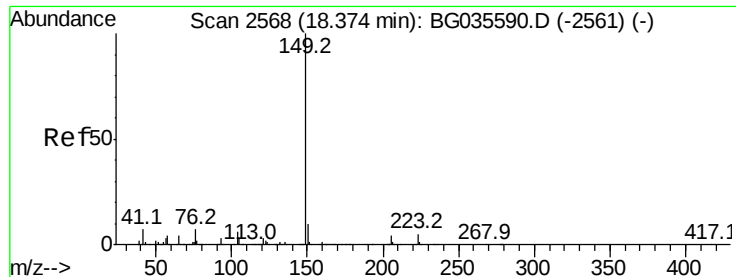
Sohil
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#72
 Carbazole
 Concen: 43.179 ng
 RT: 17.80 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.325 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

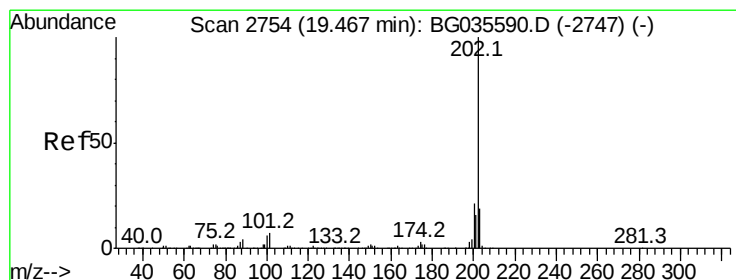
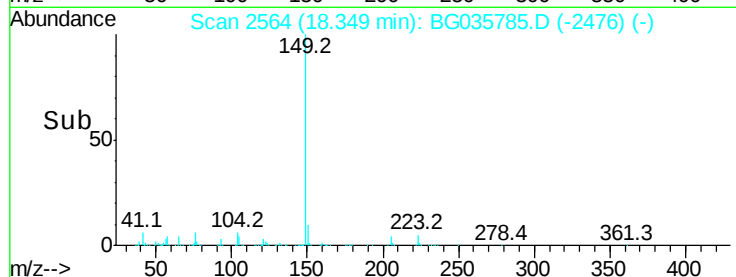
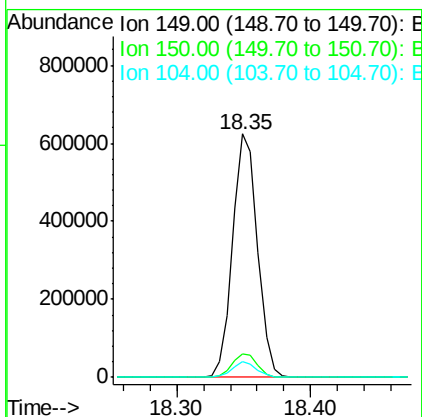
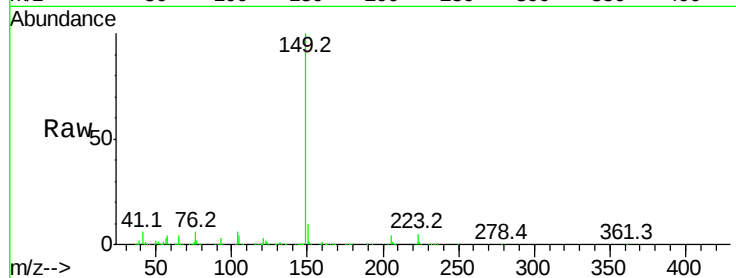
ClientSampleId :

PB111042BS

Tot Ion:	149	Resp:	809844
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	6.3	3.9	5.9#

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#74

Fluoranthene

Concen: 43.510 ng

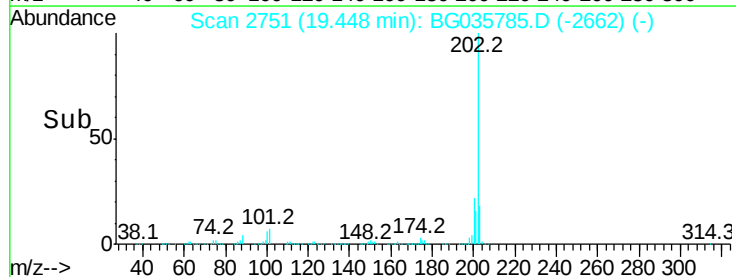
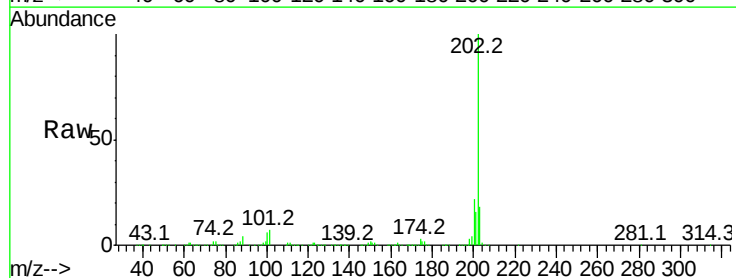
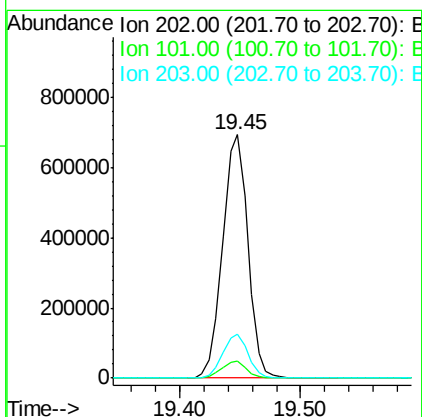
RT: 19.45 min Scan# 2751

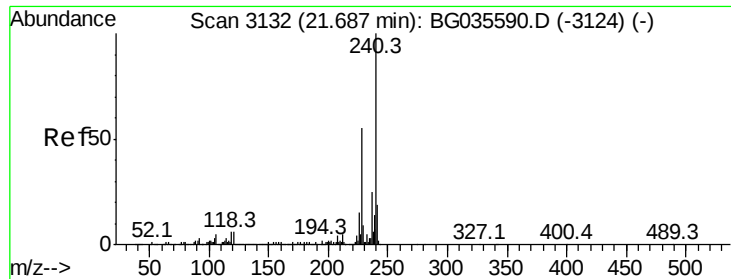
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	202	Resp:	1003513
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	18.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampleId :

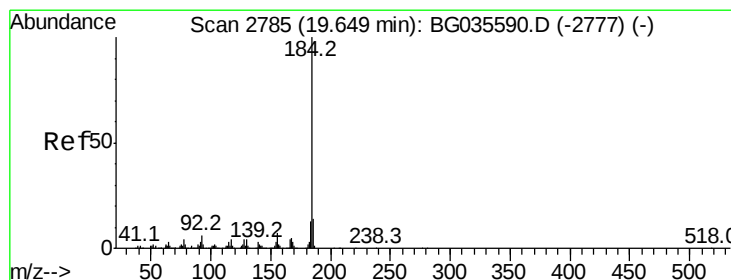
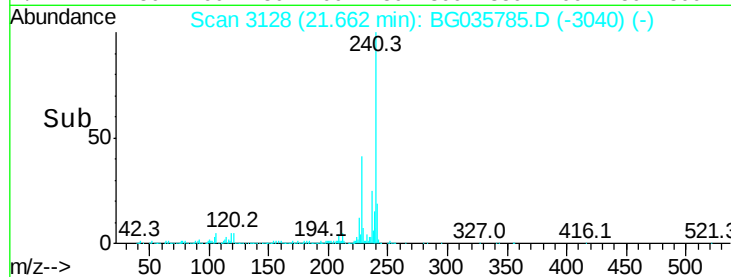
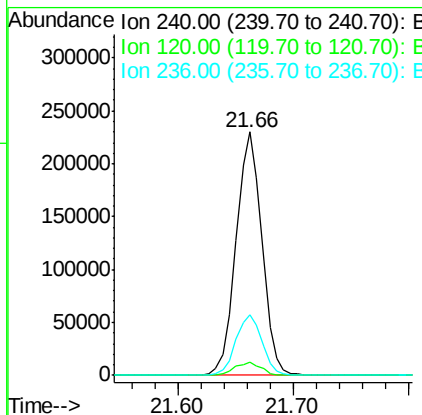
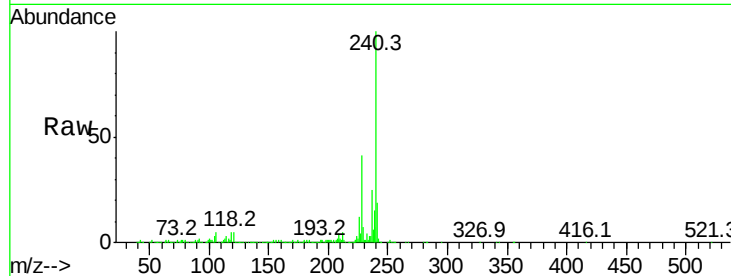
PB111042BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.1	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 41.659 ng

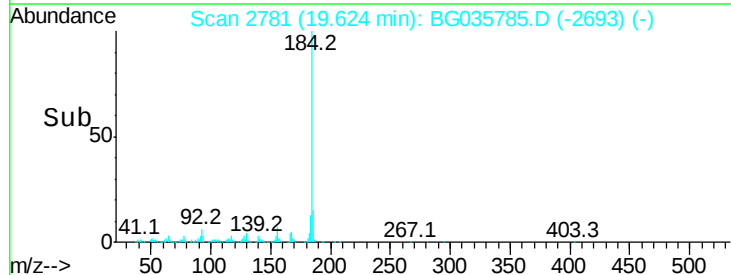
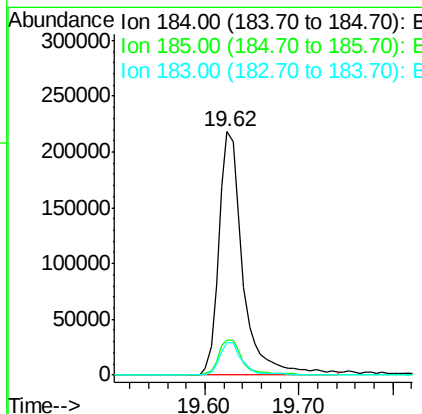
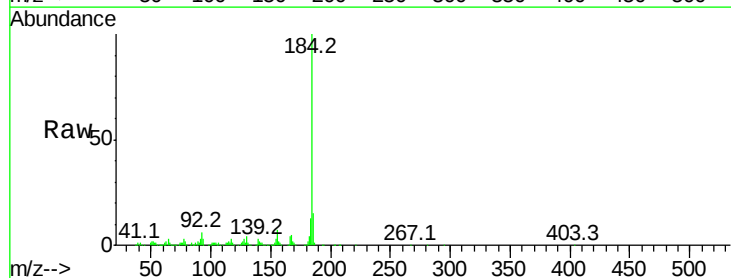
RT: 19.62 min Scan# 2781

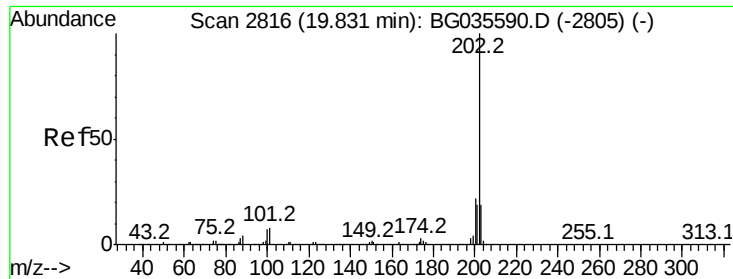
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	13.3	10.6	16.0





#77

Pvrene

Concen: 44.193 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

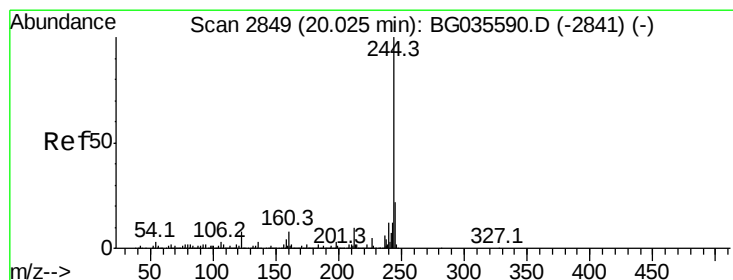
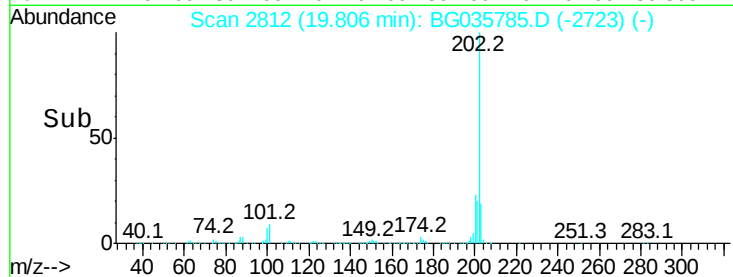
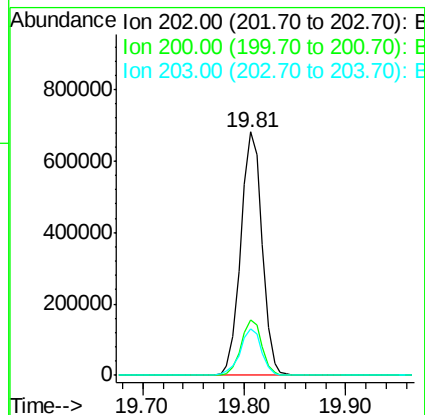
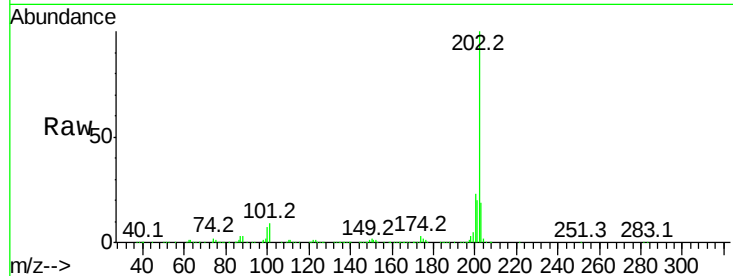
ClientSampleId :

PB111042BS

Tot Ion:	202	Resp:	996221
Ion Ratio		Lower	Upper
202	100		
200	23.0	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 94.038 ng

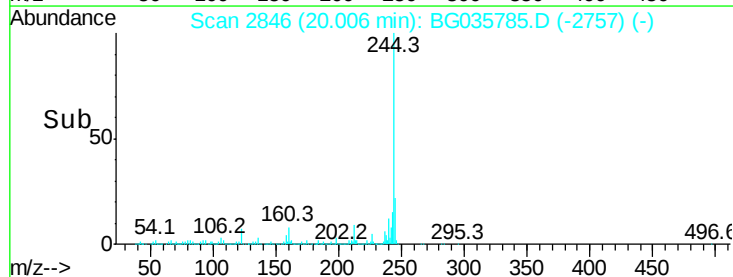
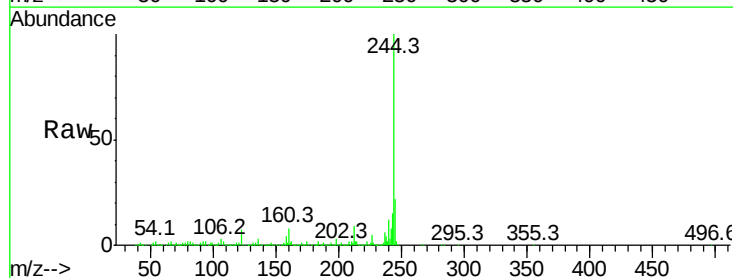
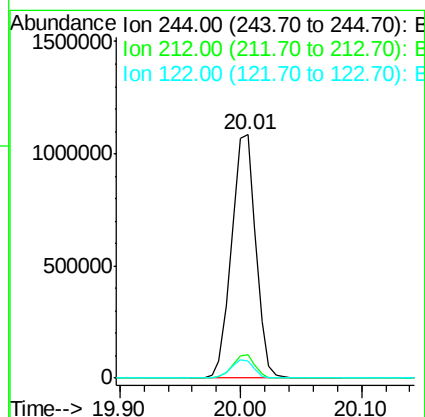
RT: 20.01 min Scan# 2846

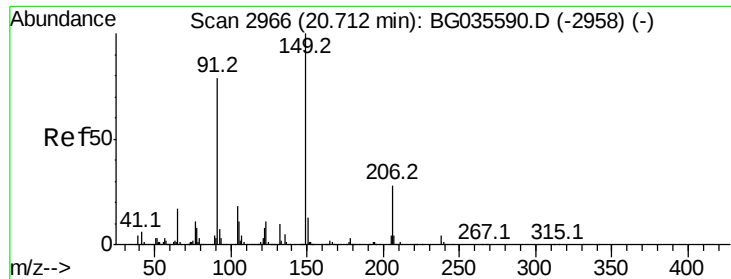
Delta R.T. -0.01 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion:	244	Resp:	1520925
Ion Ratio		Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.9	7.0	10.4#





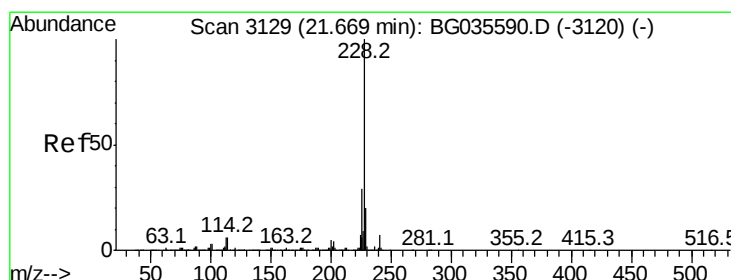
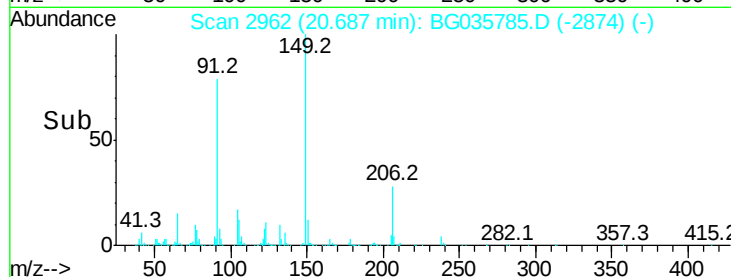
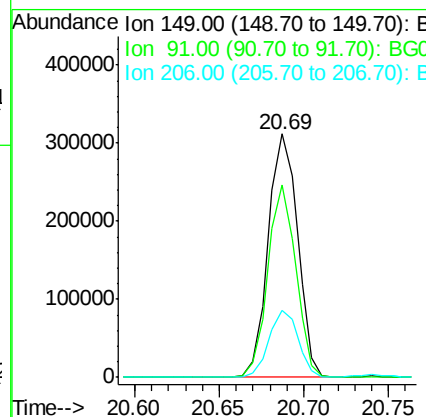
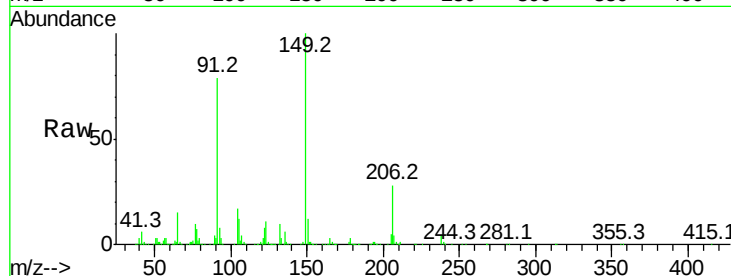
#79
Butylbenzylphthalate
Concen: 46.798 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377253		
91	79.0	62.2	93.2	
206	27.5	18.6	27.8	

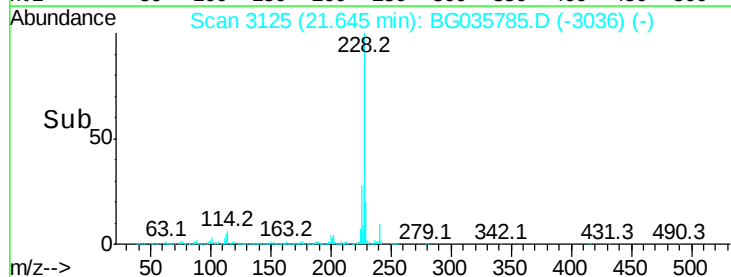
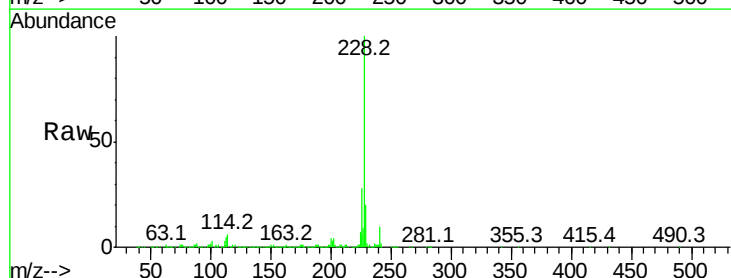
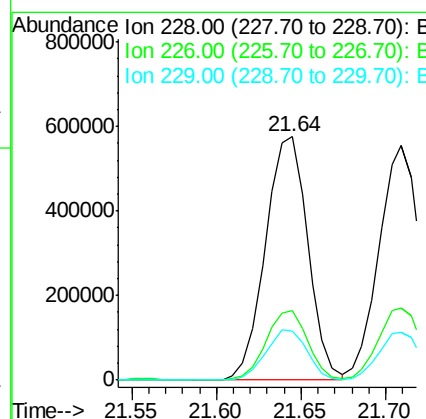
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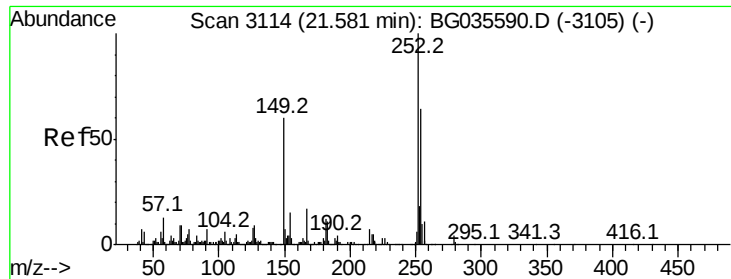
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#80
Benzo(a)anthracene
Concen: 44.962 ng
RT: 21.64 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	998922		
226	28.5	22.7	34.1	
229	20.0	16.2	24.2	





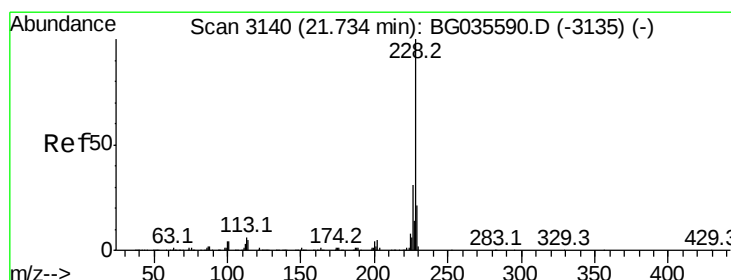
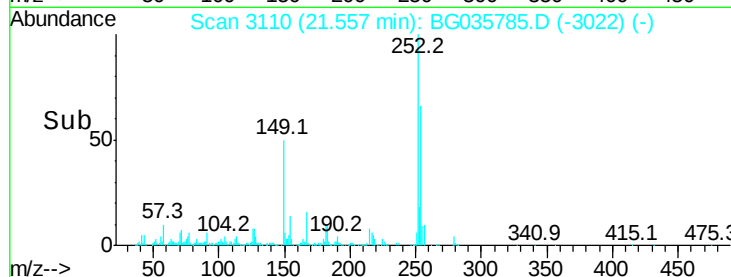
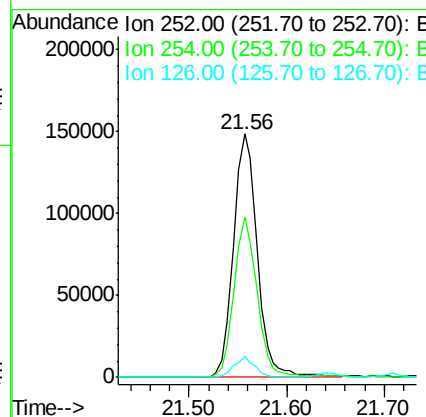
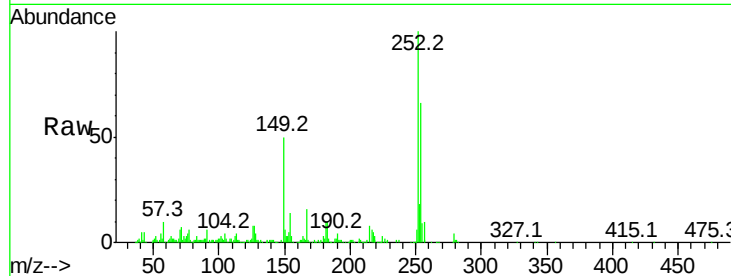
#81
 3,3'-Dichlorobenzidine
 Concen: 32.563 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	252249		
254	65.9		50.8	76.2
126	8.4		7.4	11.2

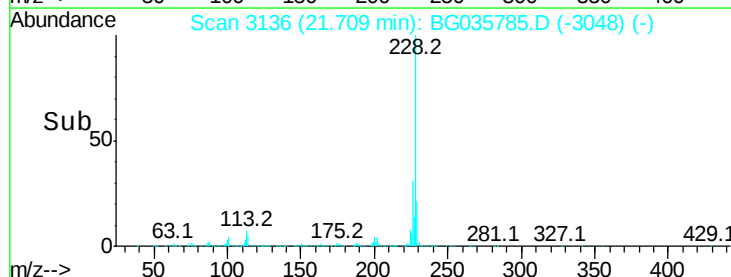
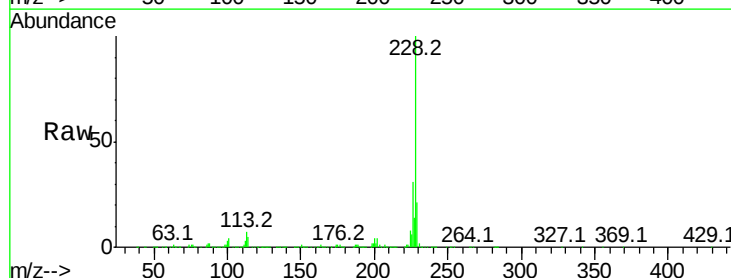
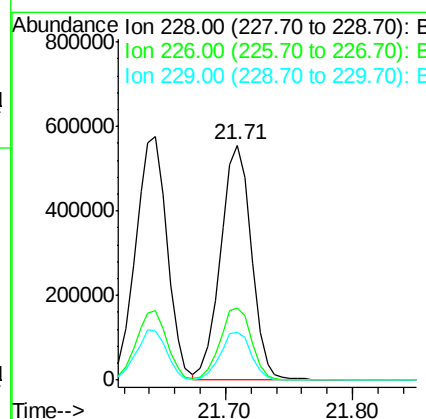
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#82
 Chrysene
 Concen: 45.310 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	932845		
226	30.9		24.9	37.3
229	20.5		15.0	22.4





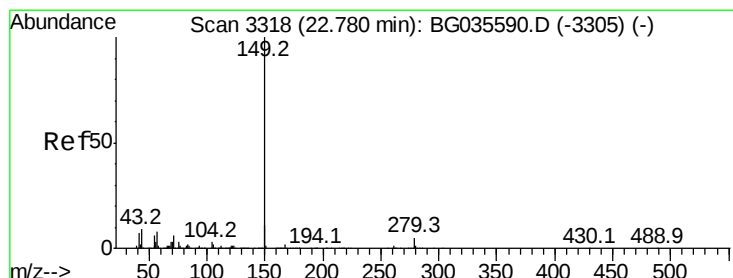
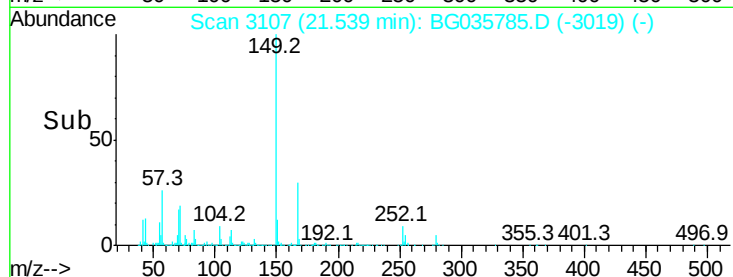
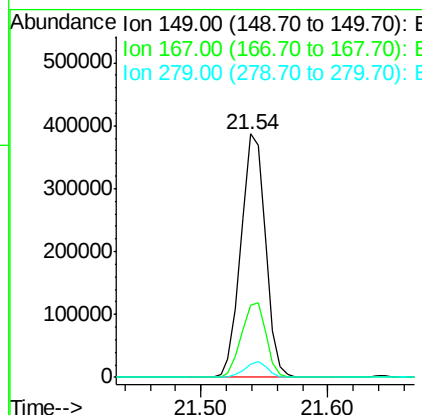
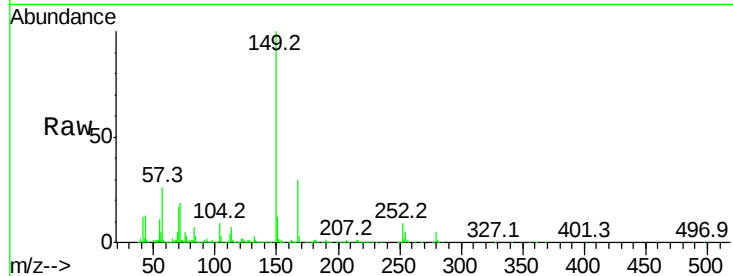
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.116 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.4	4.0	6.0

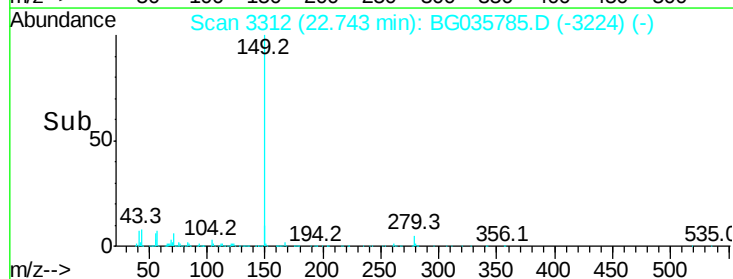
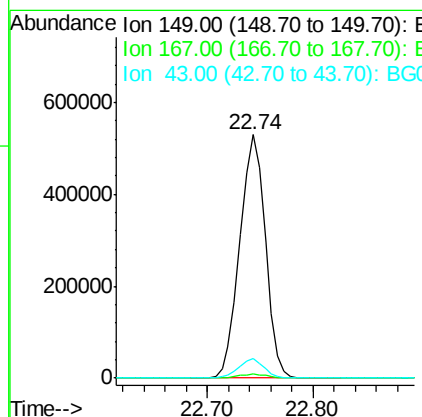
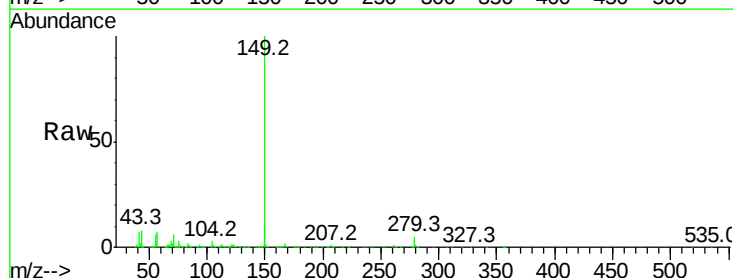
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#84
 Di-n-octyl phthalate
 Concen: 48.116 ng
 RT: 22.74 min Scan# 3312
 Delta R.T. -0.01 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.673 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.04 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

ClientSampleId :

PB111042BS

Tot Ion:276 Resp: 1086648

Ion Ratio Lower Upper

276 100

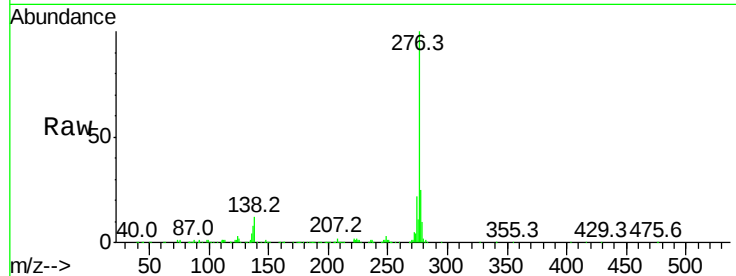
138 14.5 16.0 24.0#

277 25.5 20.0 30.0

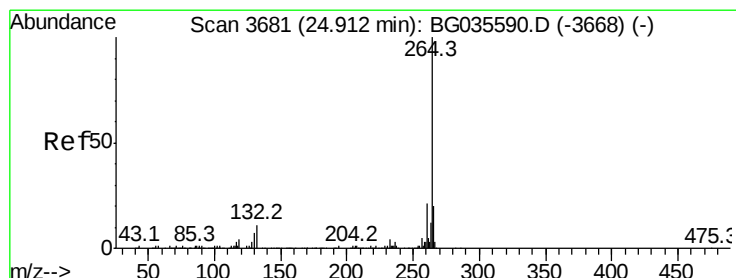
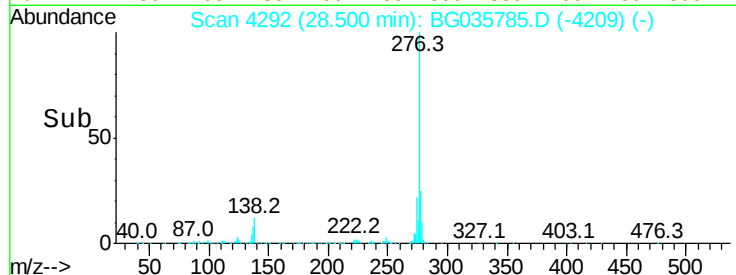
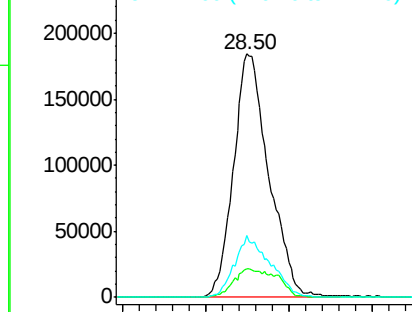
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

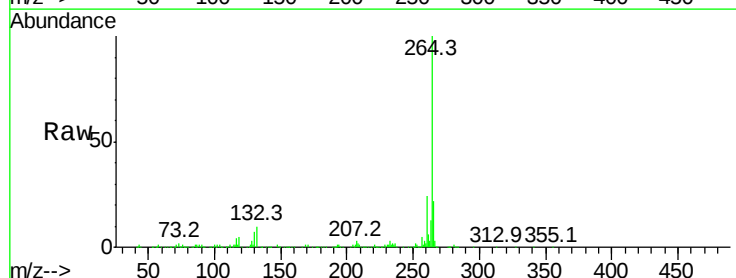
Tgt Ion:264 Resp: 347567

Ion Ratio Lower Upper

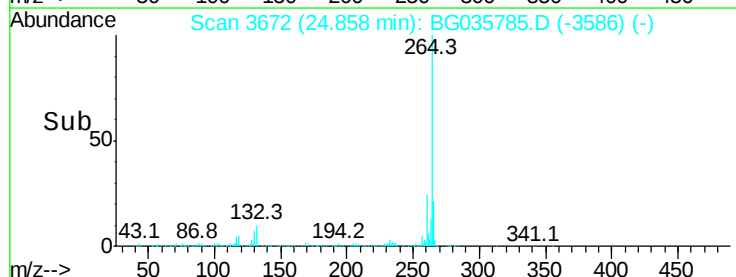
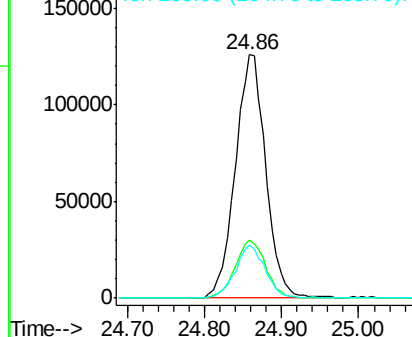
264 100

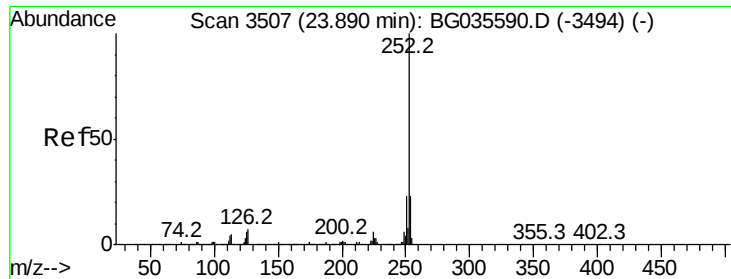
260 23.7 17.4 26.0

265 21.6 17.7 26.5



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





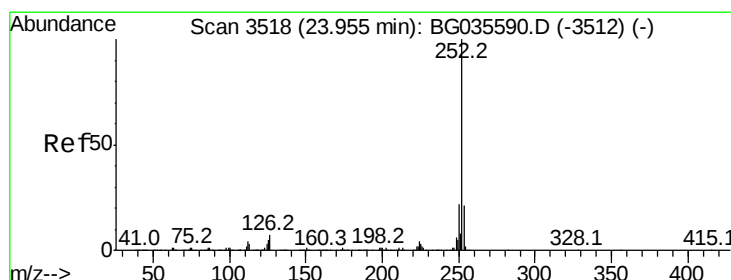
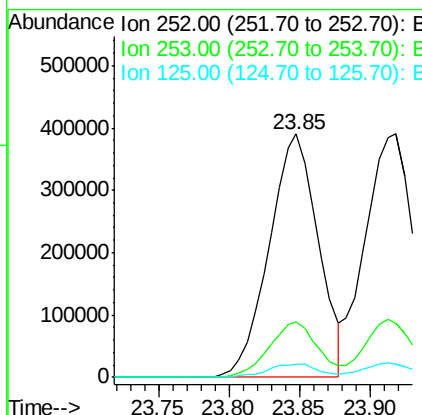
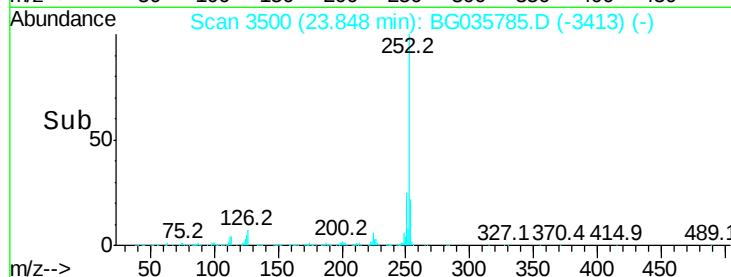
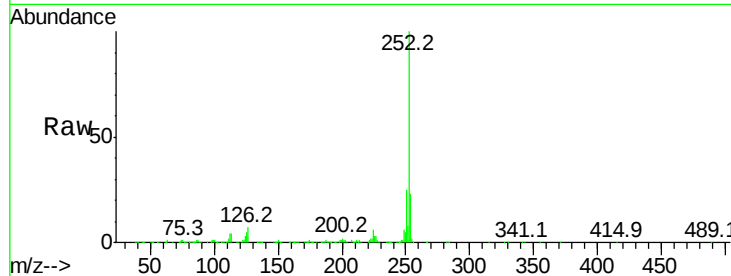
#87
Benzo(b)fluoranthene
Concen: 44.877 ng
RT: 23.85 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Instrument :
BNA_G
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.4	7.2	10.8

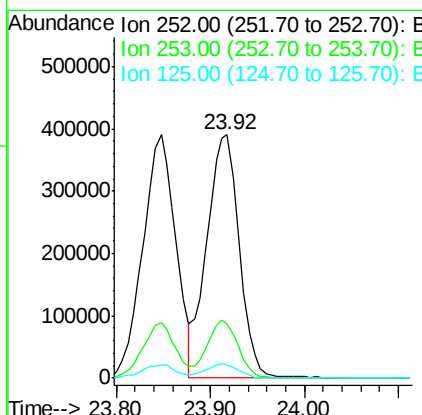
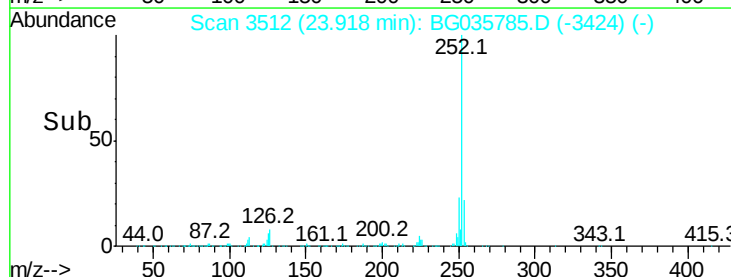
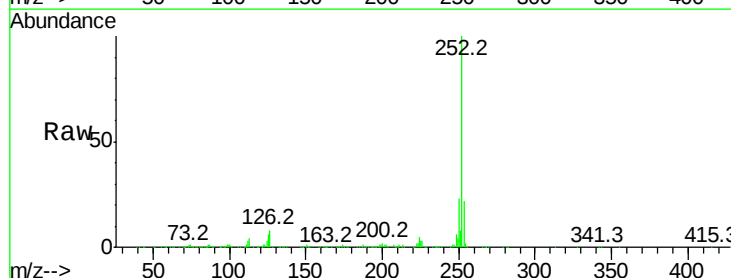
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#88
Benzo(k)fluoranthene
Concen: 45.394 ng
RT: 23.92 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG035785.D
Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	5.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 47.606 ng

RT: 24.71 min Scan# 3647

Delta R.T. -0.02 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Instrument :

BNA_G

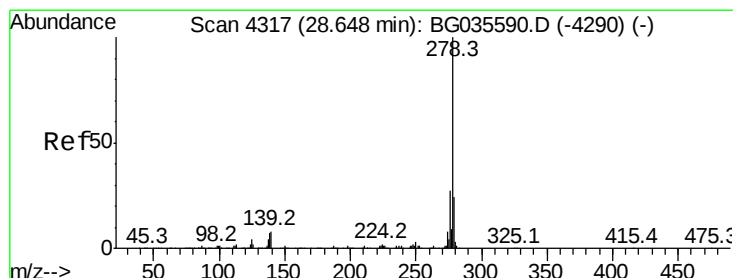
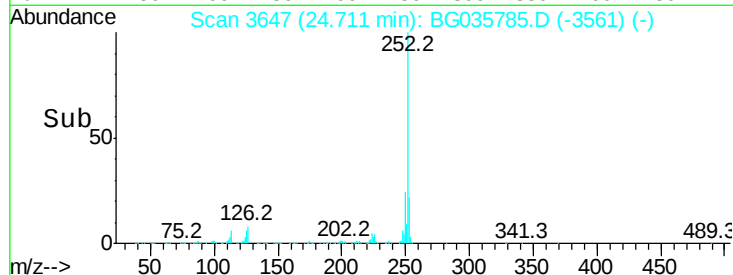
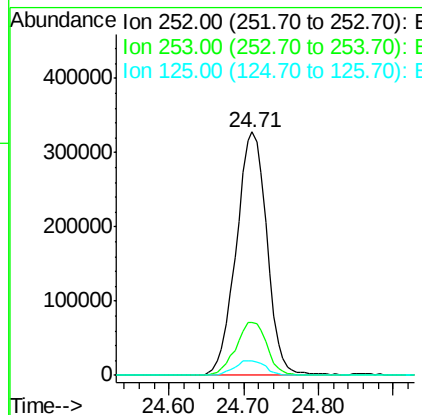
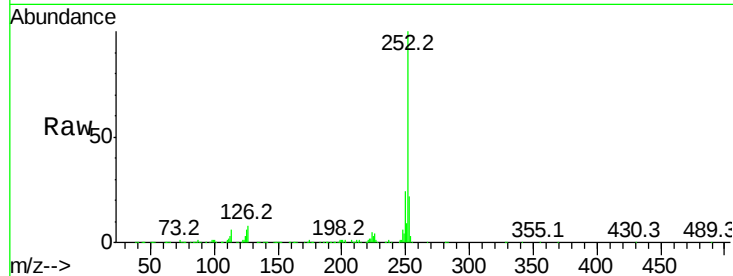
ClientSampleId :

PB111042BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	6.2	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 47.015 ng

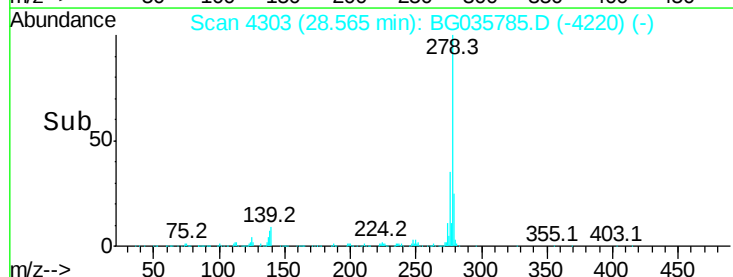
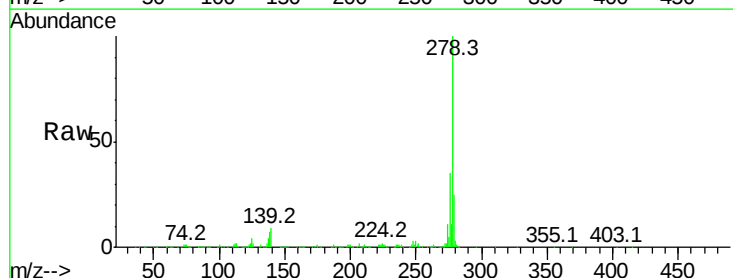
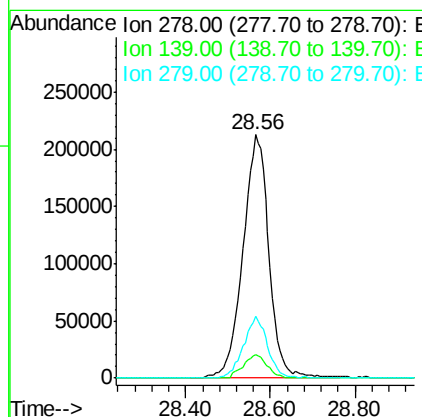
RT: 28.56 min Scan# 4303

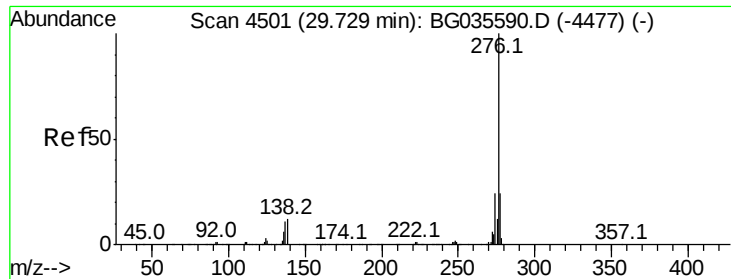
Delta R.T. -0.04 min

Lab File: BG035785.D

Acq: 20 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	25.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.492 ng
 RT: 29.66 min Scan# 4489
 Delta R.T. -0.03 min
 Lab File: BG035785.D
 Acq: 20 Jul 2018 15:34

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	12.5	13.9	20.9

Manual Integrations
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