

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032866.D
 Acq On : 27 Feb 2018 22:19
 Operator : SJ/JU
 Sample : PB106883BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:49 PM

Quant Time: Feb 28 03:26:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72604	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	312289	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	183741	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	419879	20.00	ng	0.00
75) Chrysene-d12	22.62	240	386964	20.00	ng	-0.01
86) Perylene-d12	26.42	264	419172	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	419181	92.37	ng	0.00
7) Phenol-d6	8.02	99	559374	88.43	ng	0.00
23) Nitrobenzene-d5	10.12	82	307016	70.18	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	189723	98.20	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	717440	56.31	ng	0.00
78) Terphenyl-d14	20.78	244	1071515	62.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	49652	25.210	ng	88
3) Pyridine	4.42	79	138911	25.589	ng	98
4) n-Nitrosodimethylamine	4.33	42	67508	31.018	ng	# 93
6) Aniline	8.21	93	90972	10.625	ng	95
8) 2-Chlorophenol	8.46	128	151574	30.515	ng	91
9) Benzaldehyde	8.02	77	62055	17.021	ng	93
10) Phenol	8.04	94	194166	30.450	ng	90
11) bis(2-Chloroethyl)ether	8.30	93	137658	26.401	ng	91
12) 1,3-Dichlorobenzene	8.80	146	150384	25.848	ng	98
13) 1,4-Dichlorobenzene	8.96	146	152111	25.974	ng	92
14) 1,2-Dichlorobenzene	9.29	146	143299	25.535	ng	97
15) Benzyl Alcohol	9.15	79	126678	27.241	ng	86
16) 2,2'-oxybis(1-Chloropropan	9.44	45	219364	24.473	ng	97
17) 2-Methylphenol	9.34	107	130679	27.792	ng	95
18) Hexachloroethane	10.05	117	54159	27.162	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	109456	24.510	ng	# 95
20) 3+4-Methylphenols	9.68	107	177338	27.125	ng	93
22) Acetophenone	9.76	105	208673	26.458	ng	# 94
24) Nitrobenzene	10.16	77	152322	32.900	ng	# 87
25) Isophorone	10.68	82	302894	27.633	ng	94
26) 2-Nitrophenol	10.89	139	73623	43.568	ng	91
27) 2,4-Dimethylphenol	10.92	122	163423	34.321	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	188766	29.562	ng	97
29) 2,4-Dichlorophenol	11.43	162	139982	32.391	ng	97
30) 1,2,4-Trichlorobenzene	11.66	180	132373	26.130	ng	97
31) Naphthalene	11.86	128	445739	27.315	ng	99
32) Benzoic acid	10.99	122	77561	31.632	ng	# 81
33) 4-Chloroaniline	11.94	127	85429	11.708	ng	95
34) Hexachlorobutadiene	12.12	225	71026	24.996	ng	95
35) Caprolactam	12.69	113	58244	33.658	ng	# 82
36) 4-Chloro-3-methylphenol	13.00	107	166879	33.182	ng	91
37) 2-Methylnaphthalene	13.40	142	331583	28.086	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	137553	25.219	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	166400	59.861	ng	95

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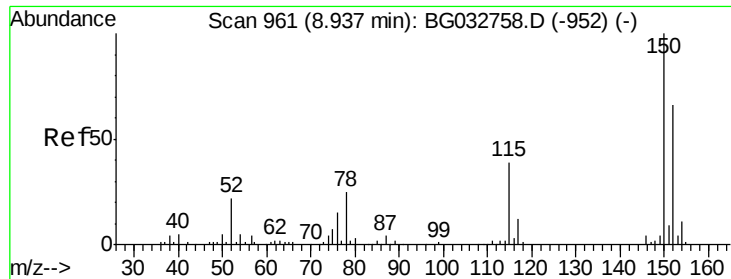
Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:49 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	109525	31.841	nq	97
43) 2,4,5-Trichlorophenol	14.05	196	121415	30.498	nq	96
45) 1,1'-Biphenyl	14.38	154	414468	25.814	nq	95
46) 2-Chloronaphthalene	14.43	162	319434	26.633	nq	98
47) 2-Nitroaniline	14.61	65	108925	38.468	nq	# 89
48) Acenaphthylene	15.27	152	526391	26.807	nq	99
49) Dimethylphthalate	14.96	163	425900	27.299	nq	100
50) 2,6-Dinitrotoluene	15.08	165	93971	38.543	nq	86
51) Acenaphthene	15.60	154	332187	27.163	nq	98
52) 3-Nitroaniline	15.42	138	68453	25.604	nq	# 82
53) 2,4-Dinitrophenol	15.61	184	34210	49.646	nq	# 1
54) Dibenzofuran	15.92	168	503688	28.926	nq	96
55) 4-Nitrophenol	15.68	139	161347	64.645	nq	# 80
56) 2,4-Dinitrotoluene	15.86	165	130170	44.616	nq	87
57) Fluorene	16.57	166	403576	28.080	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	104938m	33.950	nq	
59) Diethylphthalate	16.30	149	458130	27.841	nq	98
60) 4-Chlorophenyl-phenylether	16.55	204	198219	28.193	nq	95
61) 4-Nitroaniline	16.56	138	100286	31.714	nq	80
62) Azobenzene	16.83	77	413436	28.085	nq	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	40296	36.871	nq	98
65) n-Nitrosodiphenylamine	16.75	169	376796	27.585	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	120155	27.063	nq	# 90
67) Hexachlorobenzene	17.56	284	124156	25.877	nq	# 92
68) Atrazine	17.67	200	128822	28.652	nq	98
69) Pentachlorophenol	17.90	266	150697	49.865	nq	98
70) Phenanthrene	18.30	178	654988	27.961	nq	99
71) Anthracene	18.40	178	663082	28.195	nq	99
72) Carbazole	18.65	167	621689	26.820	nq	99
73) Di-n-butylphthalate	19.15	149	779598	27.414	nq	99
74) Fluoranthene	20.25	202	720449	27.842	nq	94
76) Benzidine	20.41	184	173624	13.163	nq	97
77) Pyrene	20.61	202	731131	26.792	nq	97
79) Butylbenzylphthalate	21.48	149	356684	29.481	nq	91
80) Benzo(a)anthracene	22.60	228	696150	28.055	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	136649	14.869	nq	# 97
82) Chrysene	22.67	228	654718	27.621	nq	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	515982	28.811	nq	# 95
84) Di-n-octyl phthalate	23.85	149	881538	32.293	nq	97
85) Indeno(1,2,3-cd)pyrene	30.86	276	774363	28.012	nq	95
87) Benzo(b)fluoranthene	25.20	252	688319	27.772	nq	# 97
88) Benzo(k)fluoranthene	25.28	252	679493	27.586	nq	# 95
89) Benzo(a)pyrene	26.24	252	672614	28.533	nq	# 96
90) Dibenzo(a,h)anthracene	30.93	278	657668	27.717	nq	# 94
91) Benzo(g,h,i)perylene	32.25	276	657886	28.126	nq	# 91

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



#1

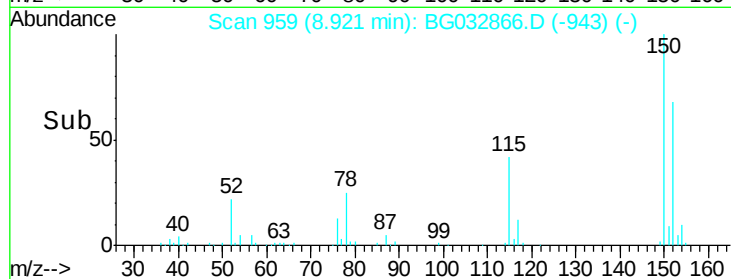
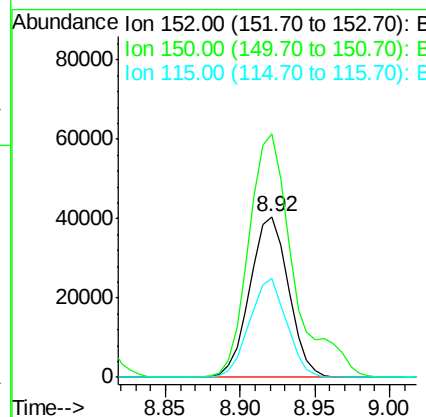
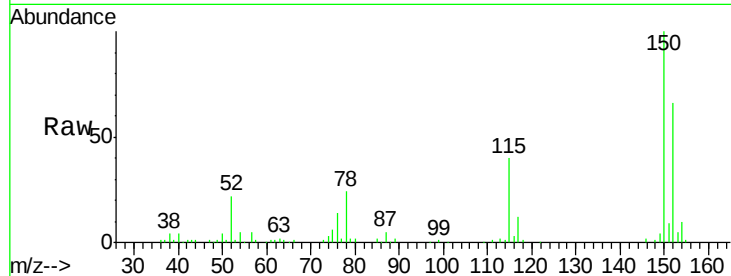
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	61.2	53.0	79.4

Manual Integrations
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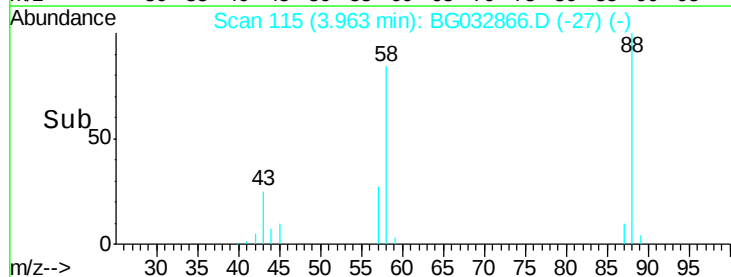
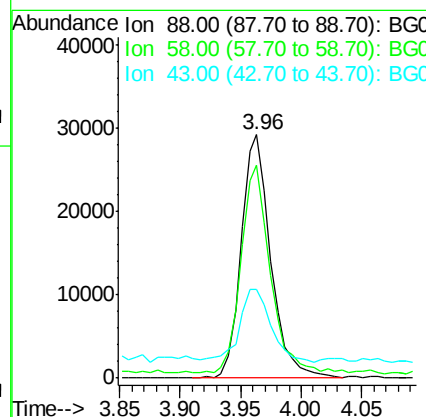
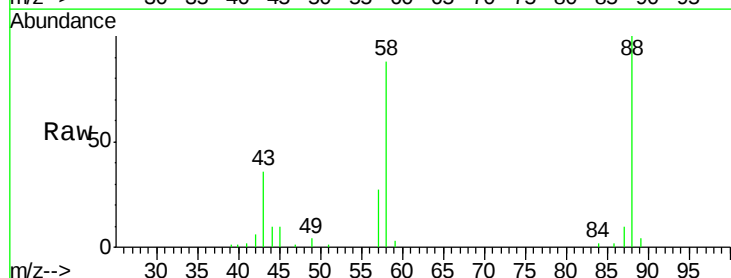
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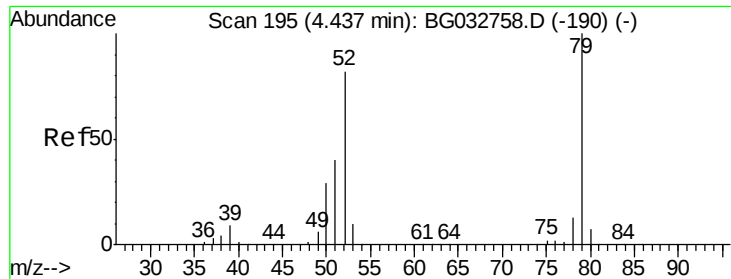


#2

1,4-Dioxane
Concen: 25.210 ng
RT: 3.96 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	79.6	119.4
43	33.1	27.4	41.0





#3

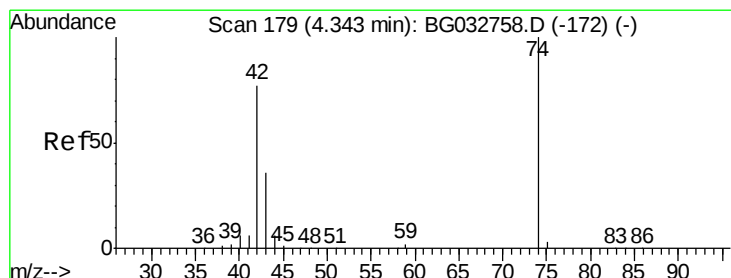
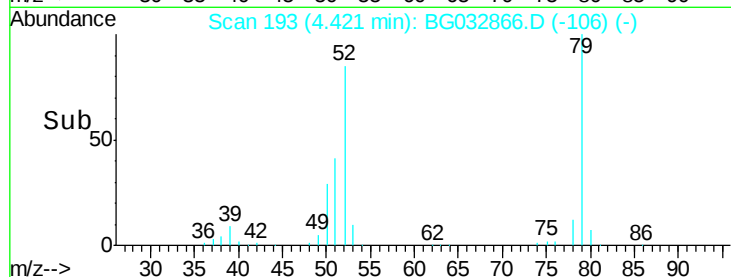
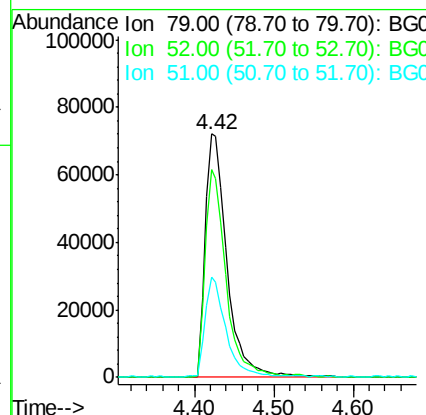
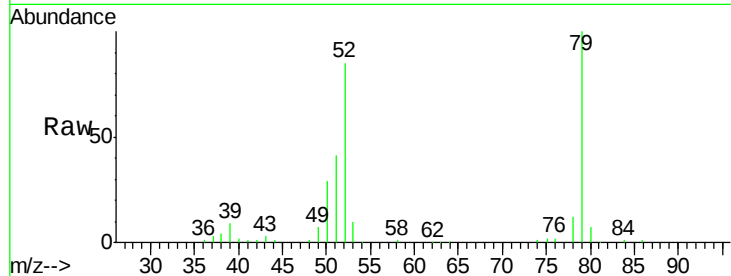
Pvridine
 Concen: 25.589 ng
 RT: 4.42 min Scan# 193
 Delta R.T. -0.02 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	85.3	69.9	104.9		
51	41.3	34.0	51.0		

Manual Integrations
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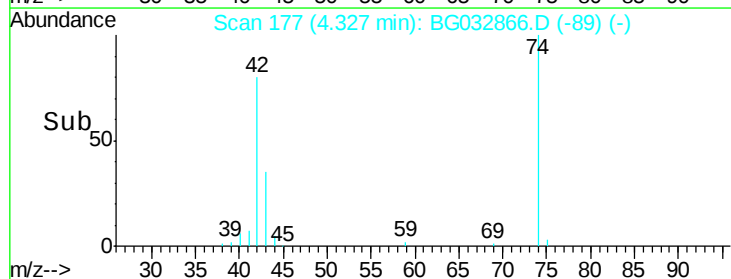
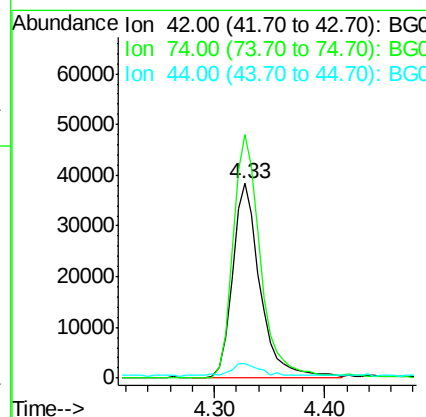
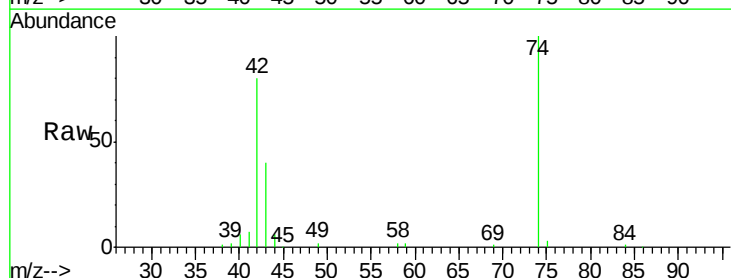
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#4

n-Nitrosodimethylamine
 Concen: 31.018 ng
 RT: 4.33 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	124.9	102.5	153.7		
44	7.4	18.9	28.3		





#5

2-Fluorophenol

Concen: 92.368 ng

RT: 6.33 min Scan# 518

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

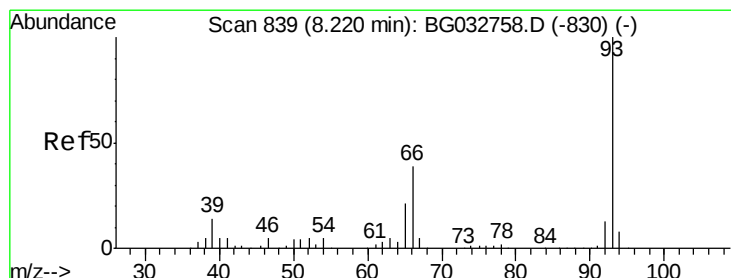
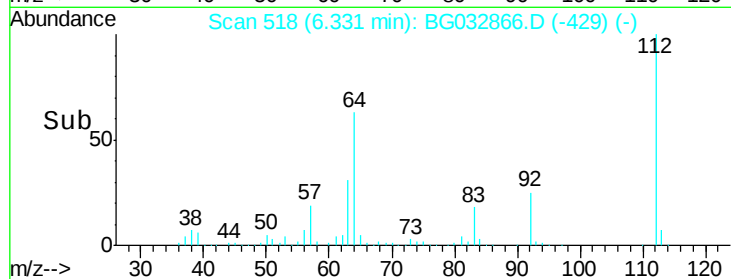
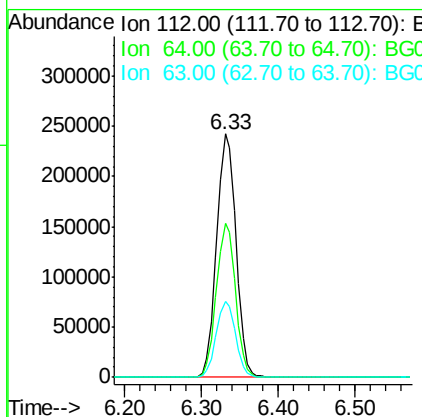
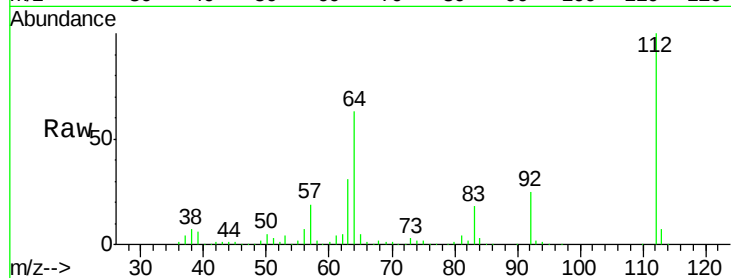
ClientSampleId :

PB106883BS

Tot Ion:	112	Resp:	419181
Ion Ratio	Lower	Upper	
112	100		
64	63.4	56.3	84.5
63	31.4	30.1	45.1

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#6

Aniline

Concen: 10.625 ng

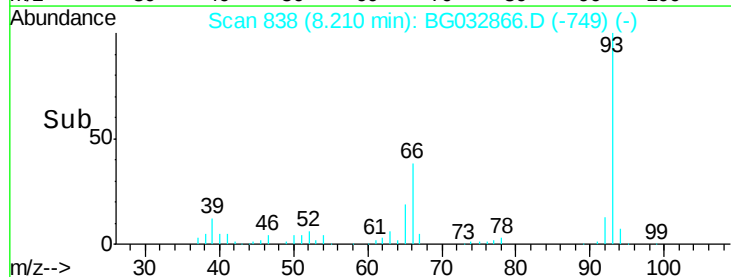
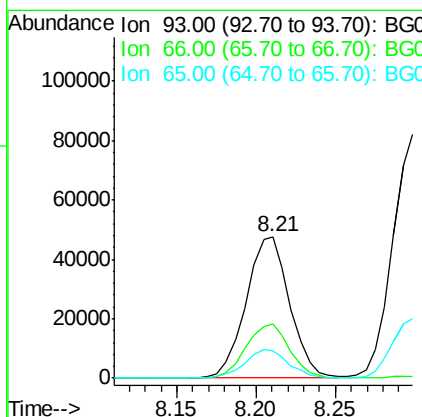
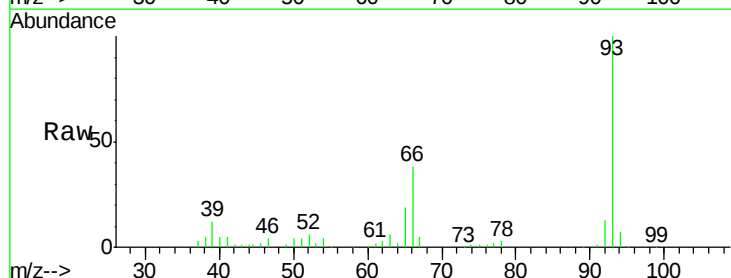
RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	93	Resp:	90972
Ion Ratio	Lower	Upper	
93	100		
66	37.8	33.7	50.5
65	19.4	16.1	24.1





#7

Phenol-d6

Concen: 88.431 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

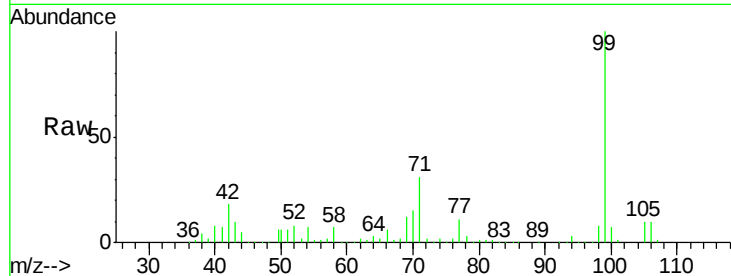
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PB106883BS

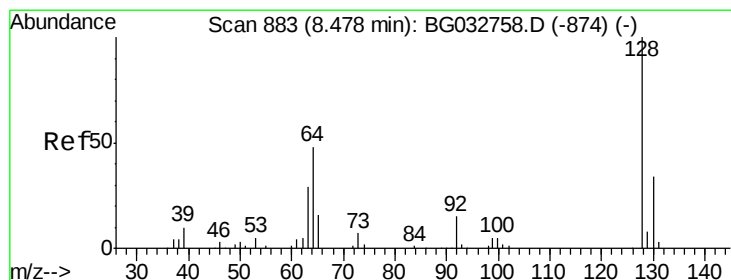
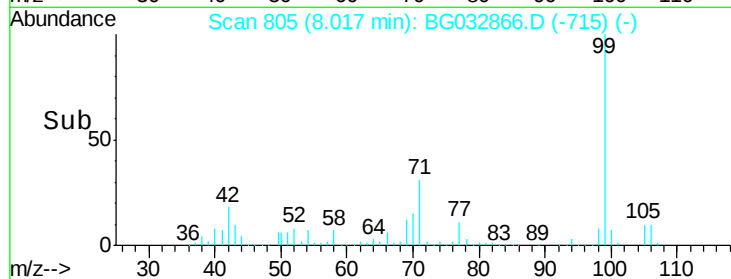
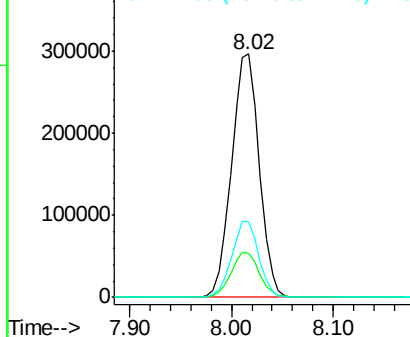
Tot Ion:	99	Resp:	559374
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.1	21.1
71	31.0	26.1	39.1

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 30.515 ng

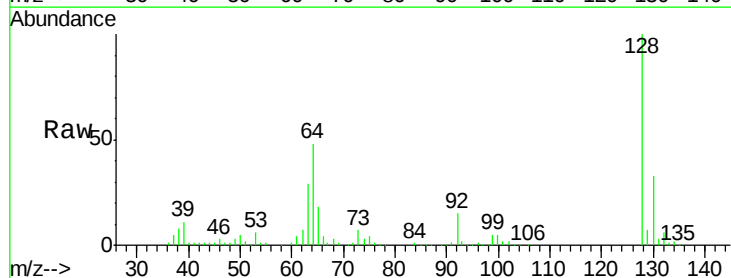
RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

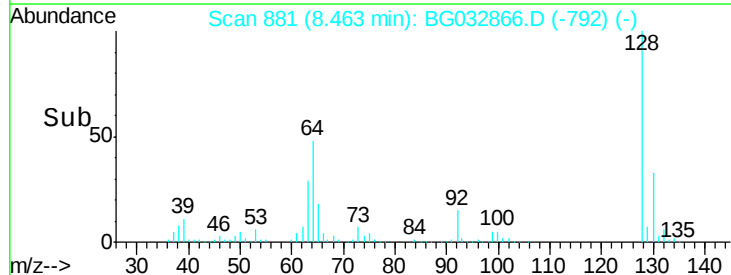
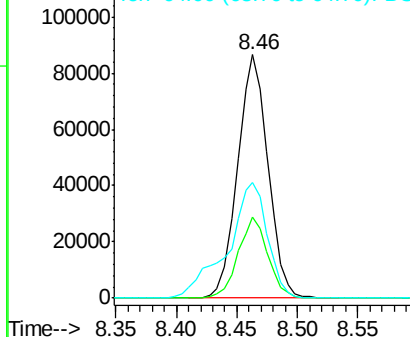
Lab File: BG032866.D

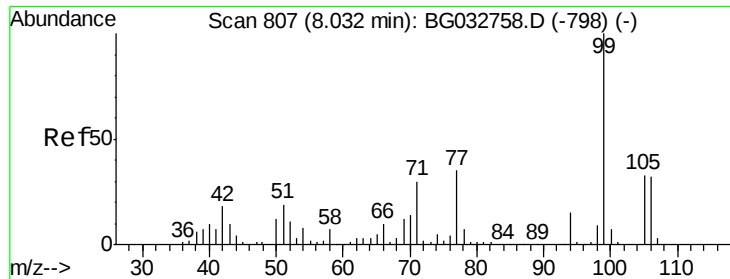
Acq: 27 Feb 2018 22:19

Tgt Ion:	128	Resp:	151574
Ion Ratio	Lower	Upper	
128	100		
130	33.4	14.0	54.0
64	47.6	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.021 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

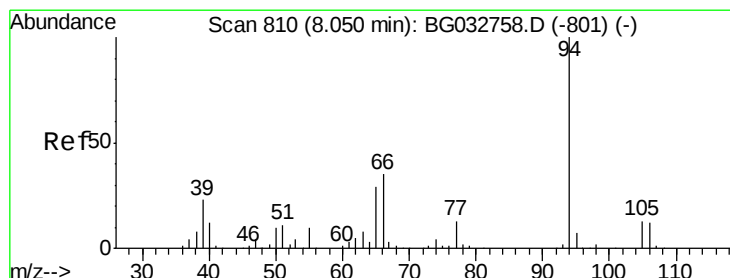
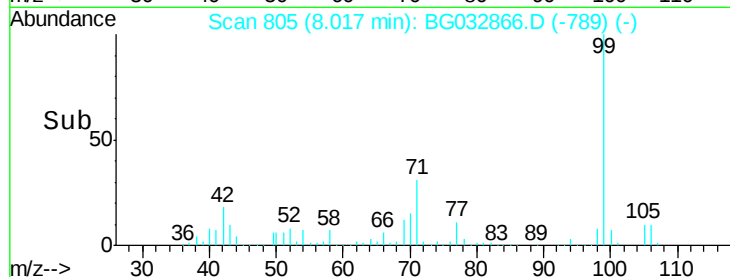
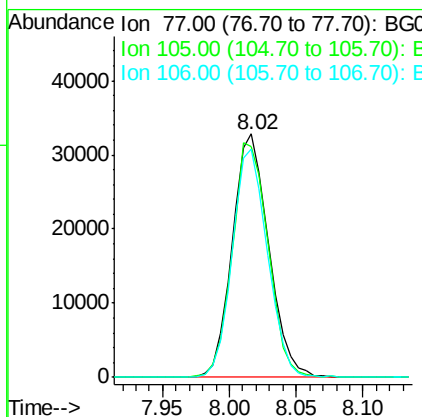
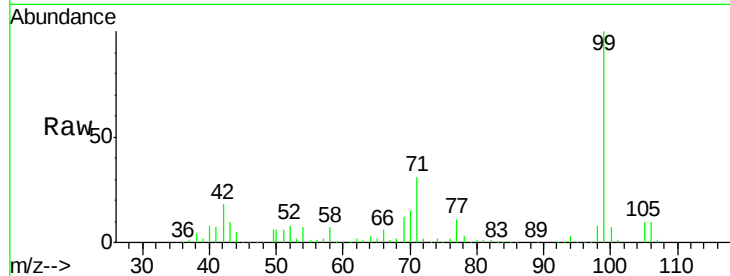
ClientSampleId :

PB106883BS

Tot Ion:	77	Resp:	62055
Ion	Ratio	Lower	Upper
77	100		
105	94.7	71.3	111.3
106	93.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 30.450 ng

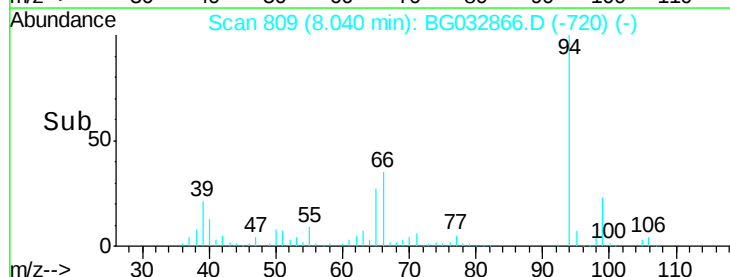
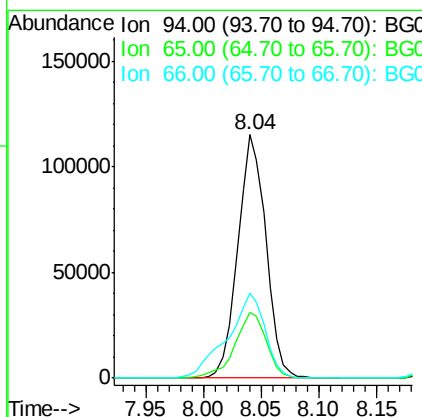
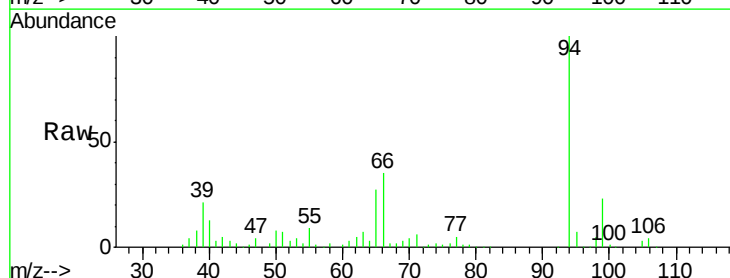
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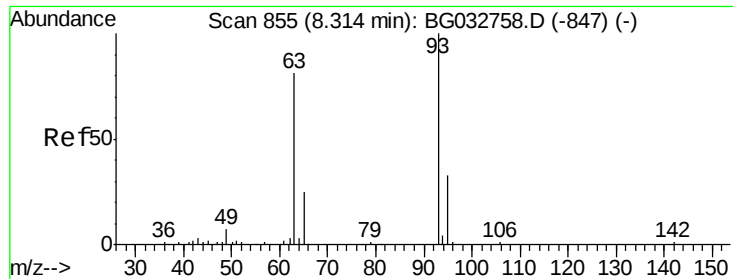
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	94	Resp:	194166
Ion	Ratio	Lower	Upper
94	100		
65	27.0	11.9	51.9
66	35.0	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 26.401 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

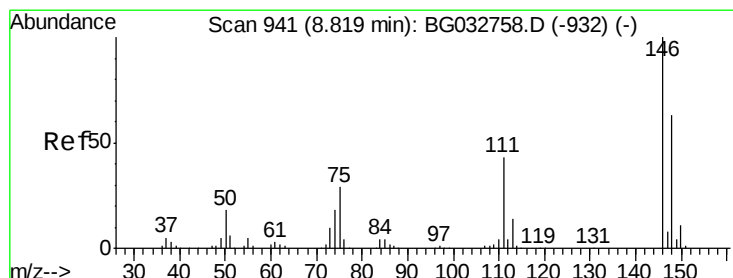
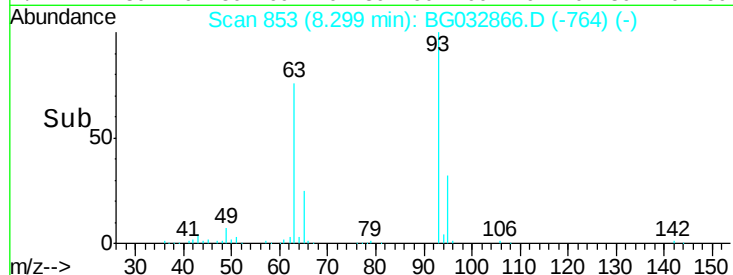
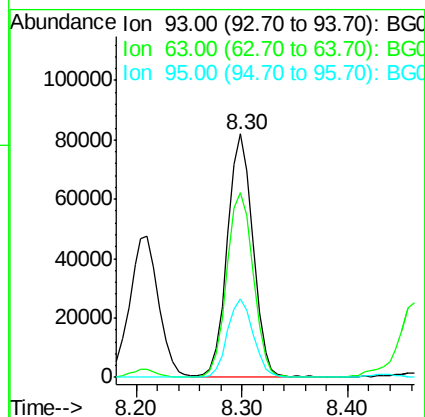
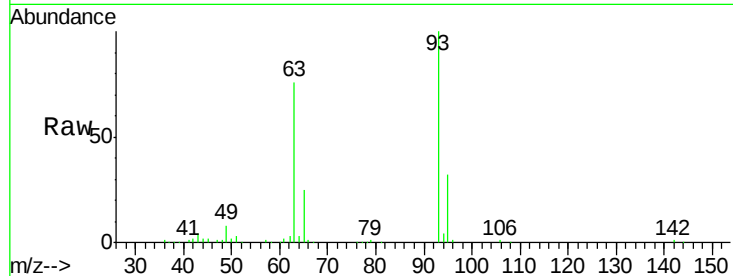
ClientSampled :

PB106883BS

Tot Ion:	93	Resp:	137658
Ion Ratio	Lower	Upper	
93	100		
63	75.9	67.1	107.1
95	32.5	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 25.848 ng

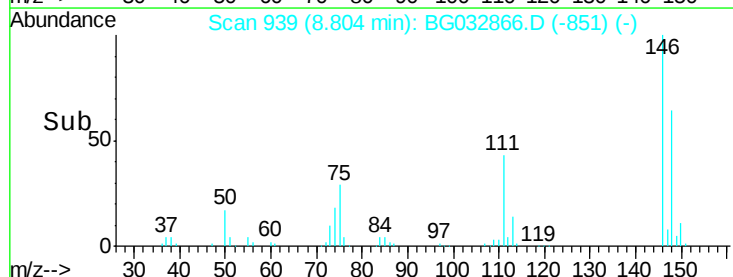
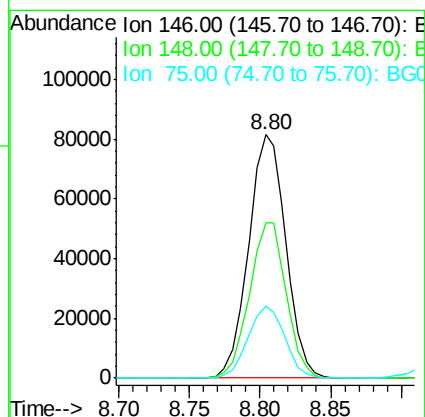
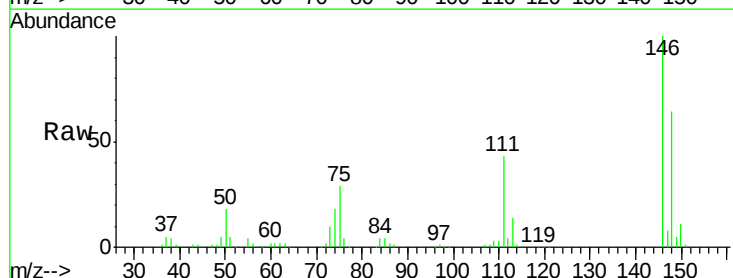
RT: 8.80 min Scan# 939

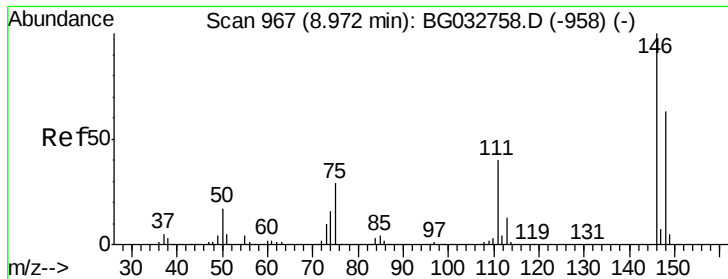
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	146	Resp:	150384
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
75	29.5	26.6	39.8





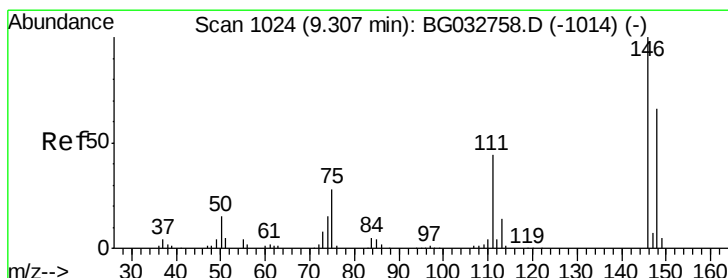
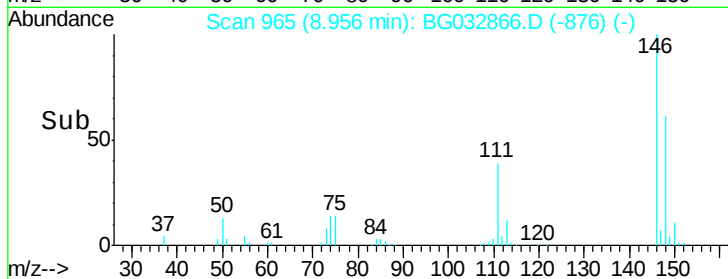
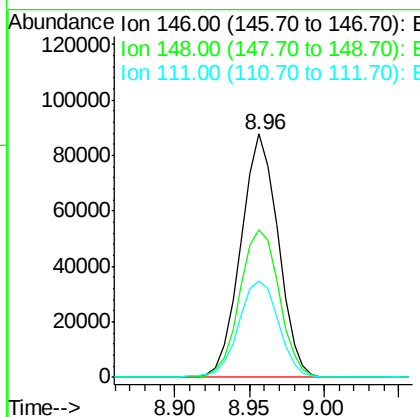
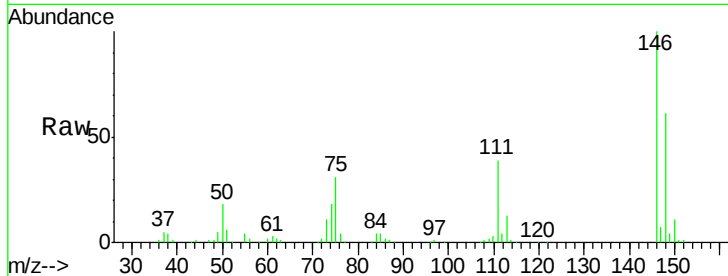
#13
 1,4-Dichlorobenzene
 Concen: 25.974 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	53.7	80.5
111	39.5	35.2	52.8

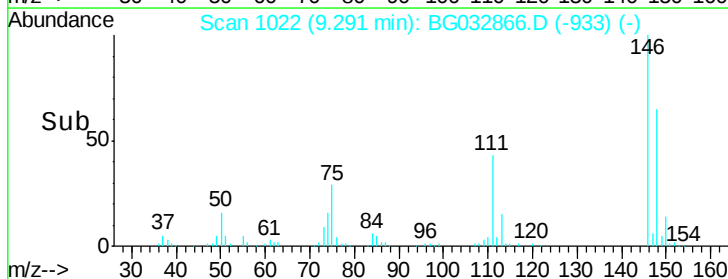
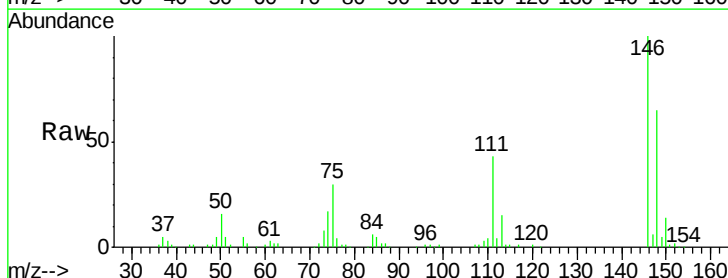
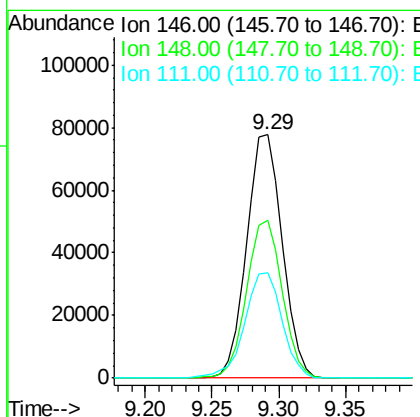
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#14
 1,2-Dichlorobenzene
 Concen: 25.535 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.3	73.9
111	43.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 27.241 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

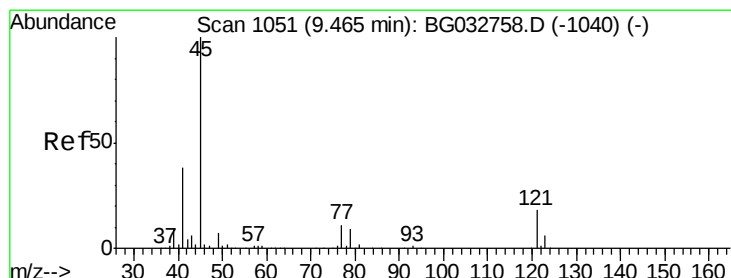
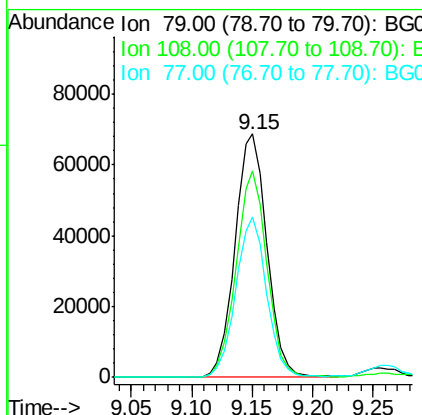
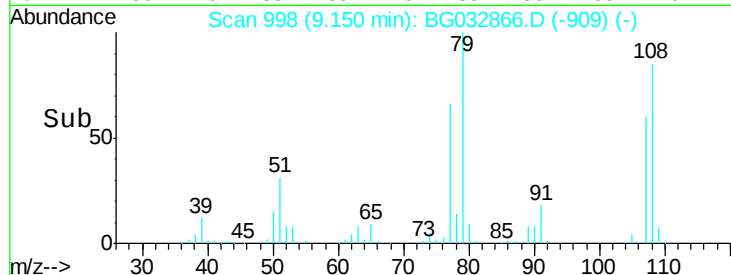
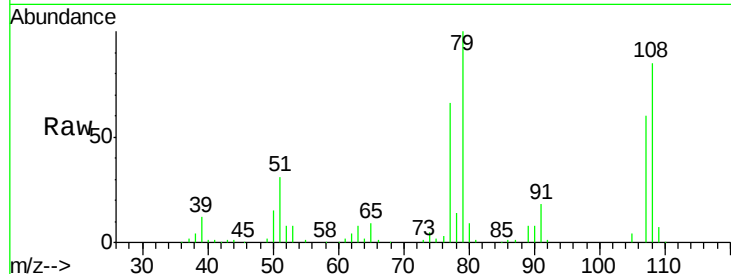
ClientSampleId :

PB106883BS

Tot Ion:	79	Resp:	126678
Ion Ratio	Lower	Upper	
79	100		
108	84.7	57.2	85.8
77	65.8	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 24.473 ng

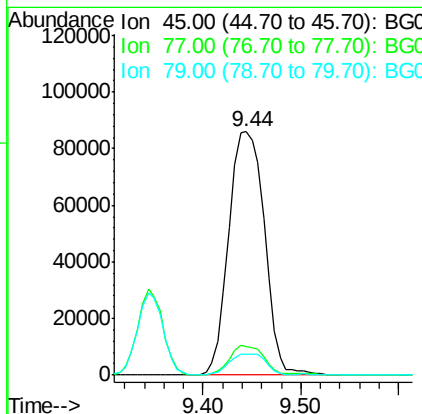
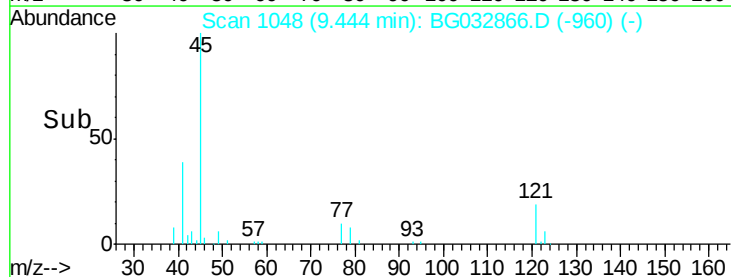
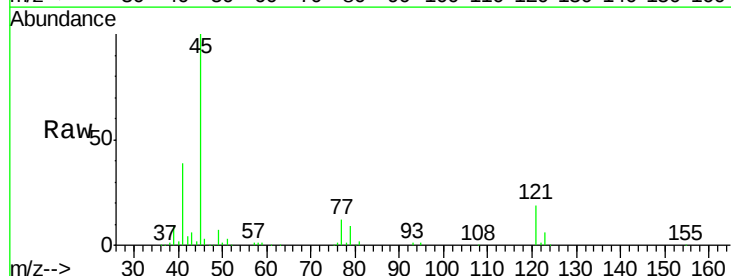
RT: 9.44 min Scan# 1048

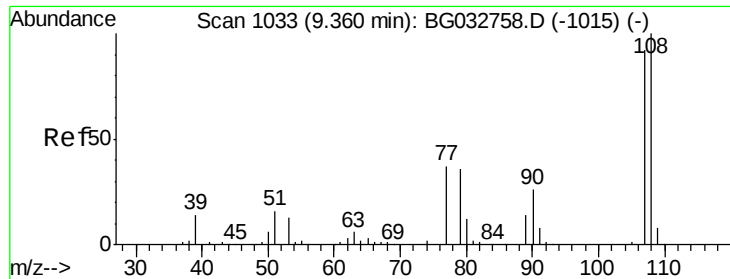
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	45	Resp:	219364
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.2
79	8.5	0.0	27.9





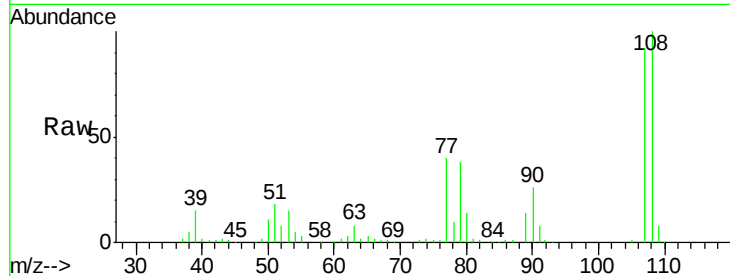
#17
2-Methylphenol
Concen: 27.792 ng
RT: 9.34 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

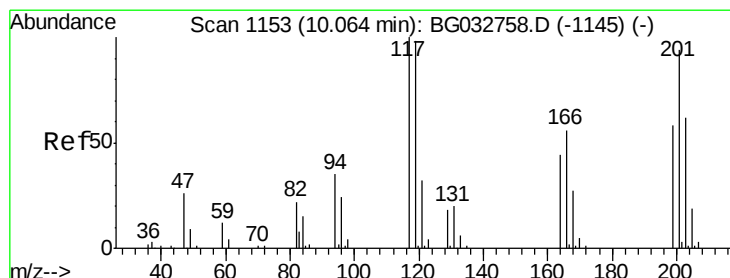
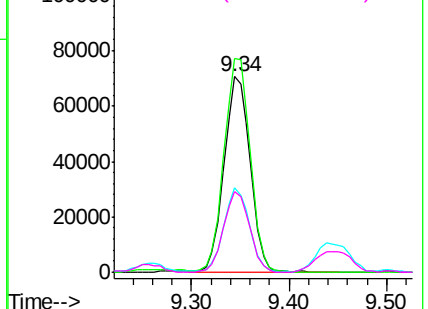
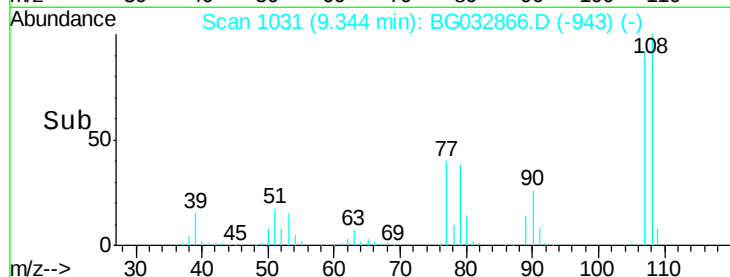
Tot Ion:	107	Resp:	130679
Ion Ratio	Lower	Upper	
107	100		
108	109.3	83.9	125.9
77	43.4	37.2	55.8
79	41.2	36.2	54.2

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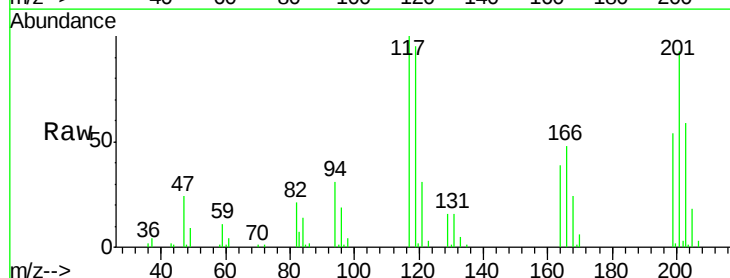


Abundance Ion 107.00 (106.70 to 107.70): E
120000
Ion 108.00 (107.70 to 108.70): E
100000
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

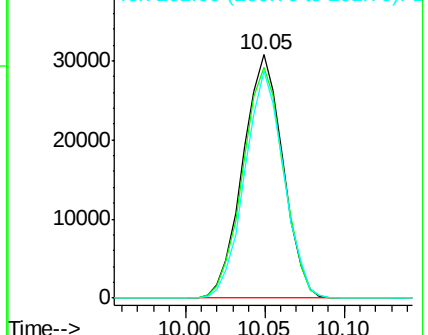
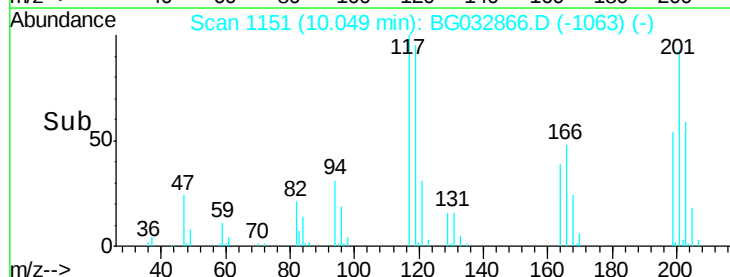


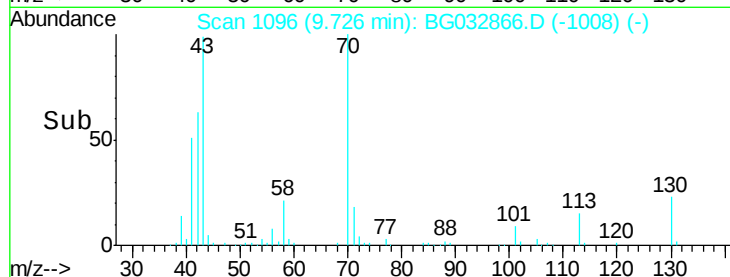
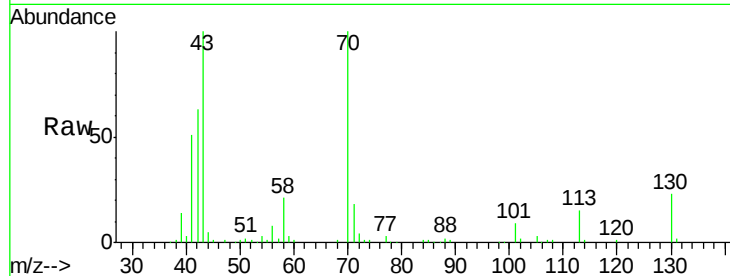
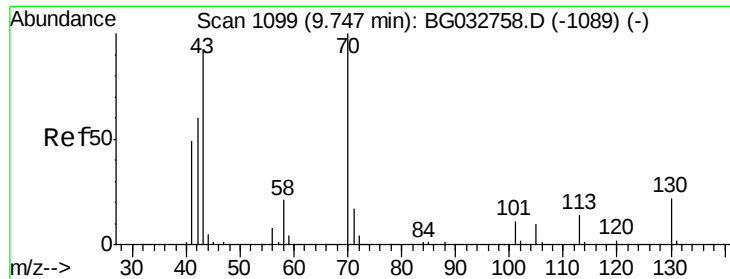
#18
Hexachloroethane
Concen: 27.162 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion:	117	Resp:	54159
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.7	115.1
201	93.3	95.7	143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
40000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





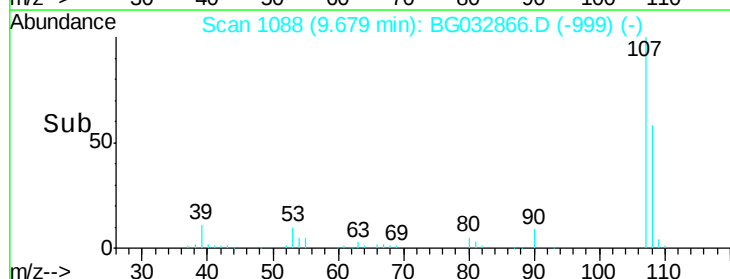
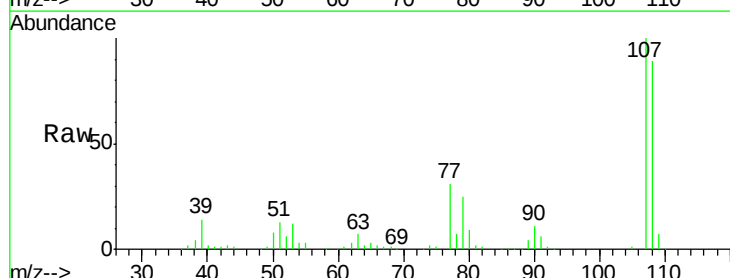
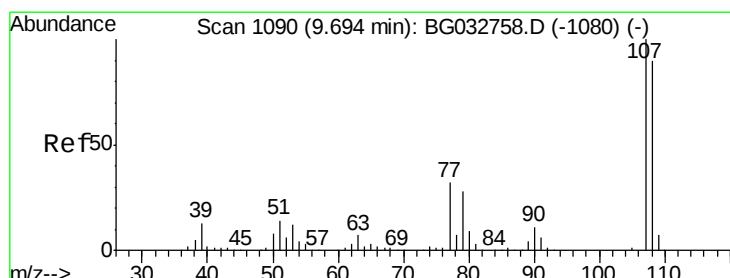
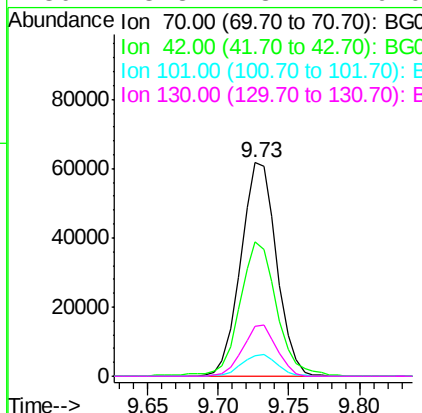
#19
n-Nitroso-di-n-propylamine
Concen: 24.510 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	49.1	73.7	
101	9.4	8.5	12.7	
130	23.3	13.4	20.0	

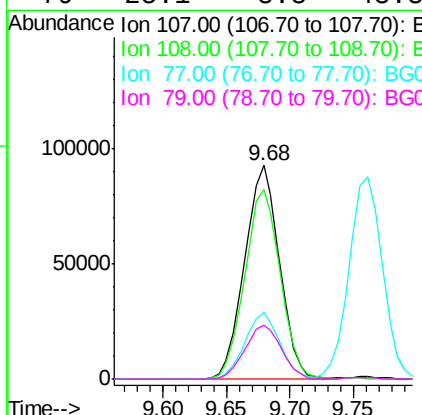
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#20
3+4-Methylphenols
Concen: 27.125 ng
RT: 9.68 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	61.6	101.6	
77	31.4	13.9	53.9	
79	25.1	8.8	48.8	





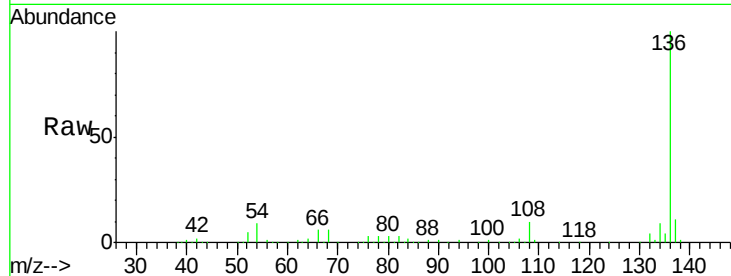
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampled :
PB106883BS

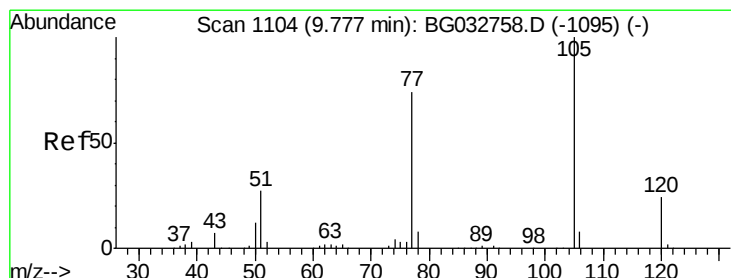
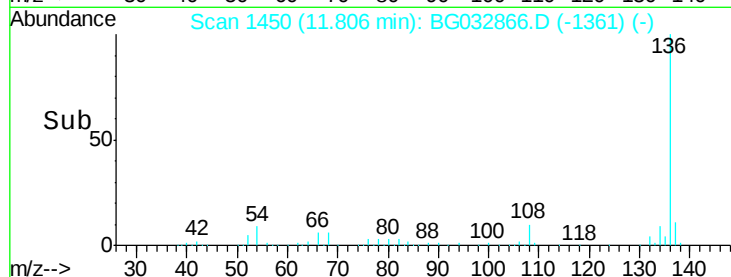
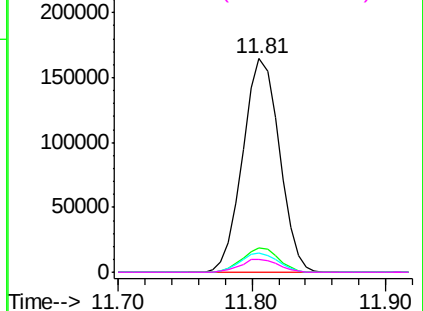
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	9.1	10.3	15.5	
68	6.2	4.5	6.7	

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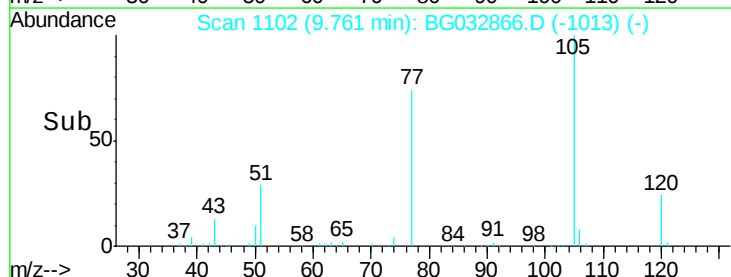
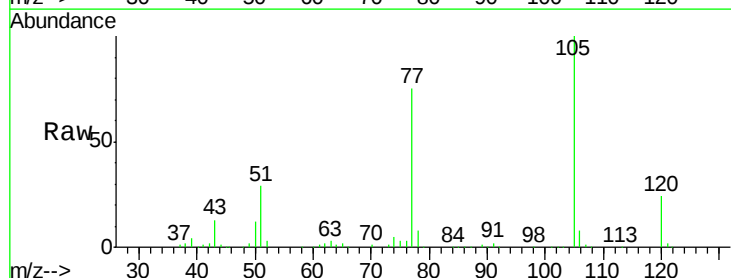
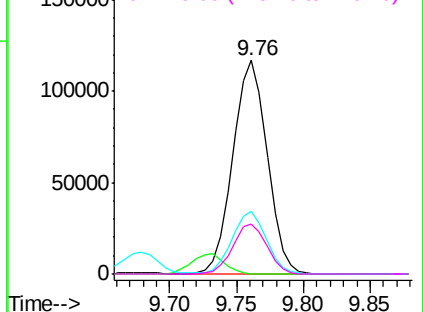
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 26.458 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	3.0	4.4	
51	29.2	26.1	39.1	
120	23.6	17.4	26.2	

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





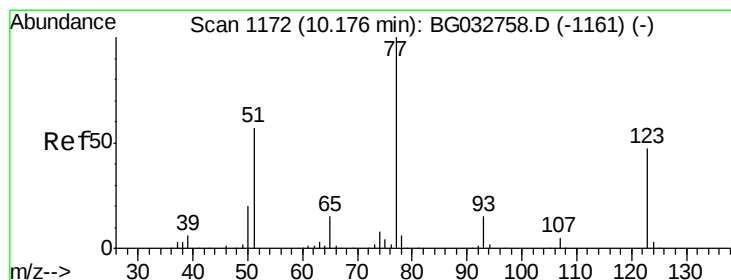
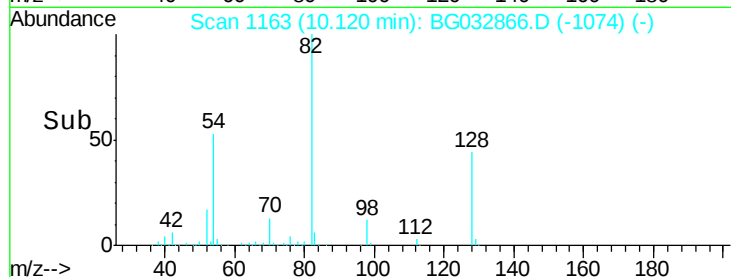
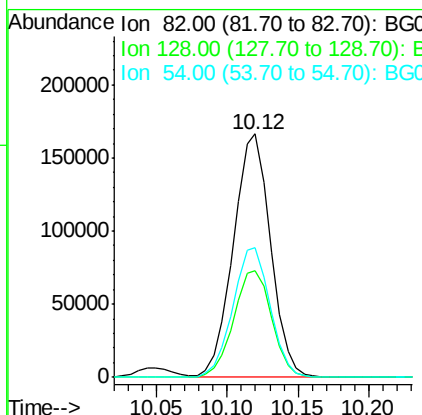
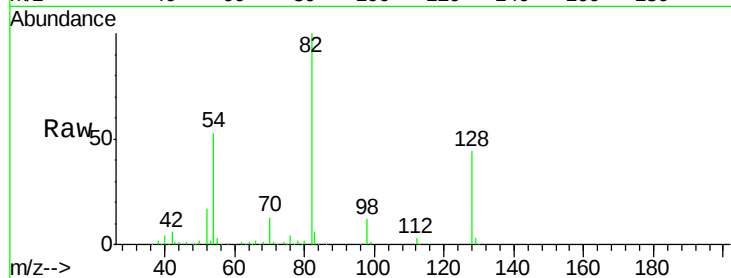
#23
Nitrobenzene-d5
Concen: 70.180 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	29.7	44.5	
54	53.3	43.1	64.7	

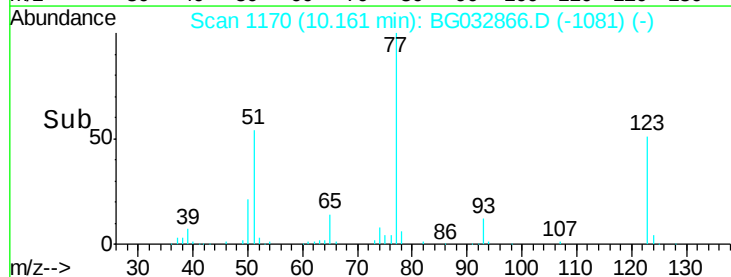
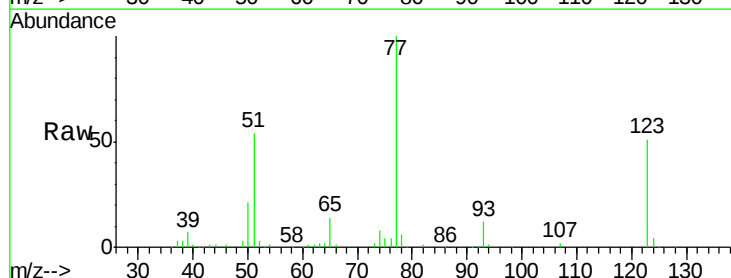
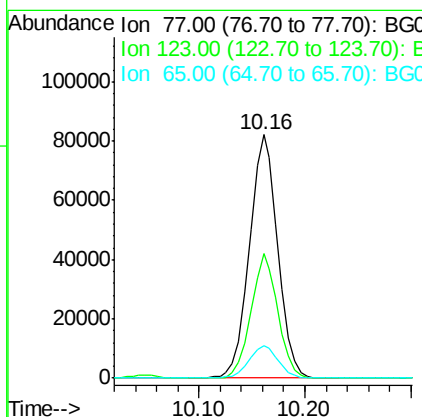
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#24
Nitrobenzene
Concen: 32.900 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.2	33.0	49.6#	
65	13.5	13.0	19.6	





#25

Isophorone

Concen: 27.633 ng

RT: 10.68 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

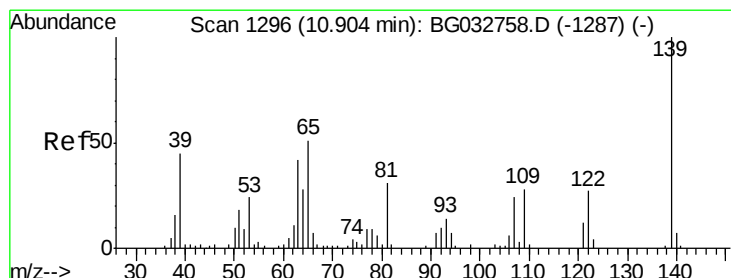
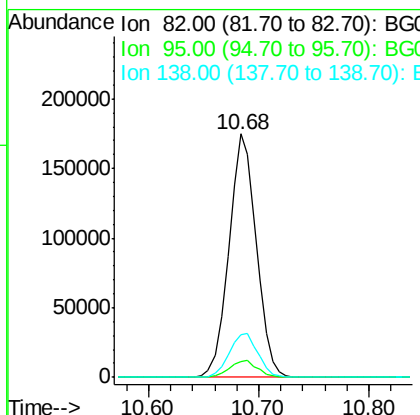
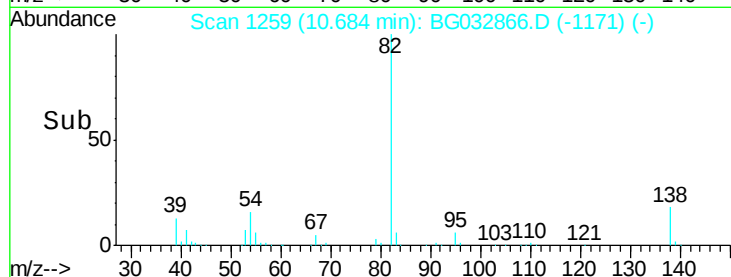
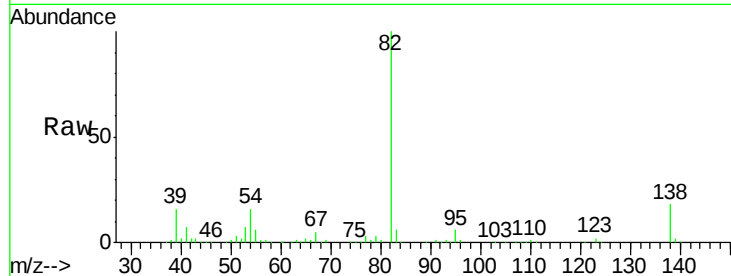
ClientSampleId :

PB106883BS

Tot Ion:	82	Resp:	302894
Ion Ratio		Lower	Upper
82	100		
95	6.4	6.2	9.2
138	17.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.568 ng

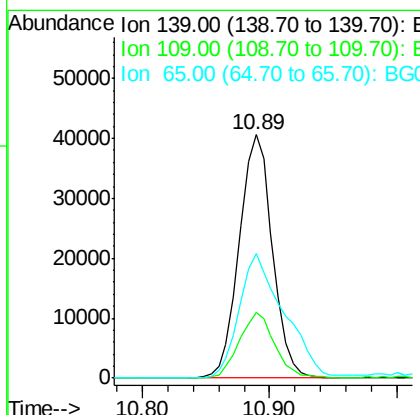
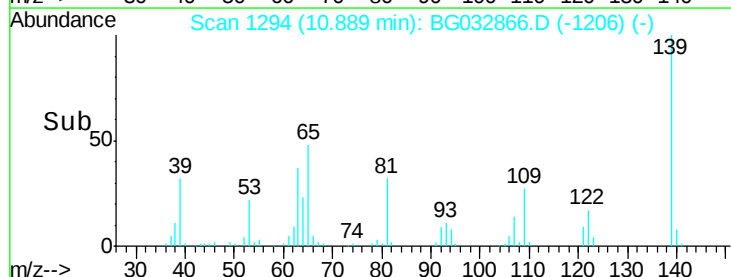
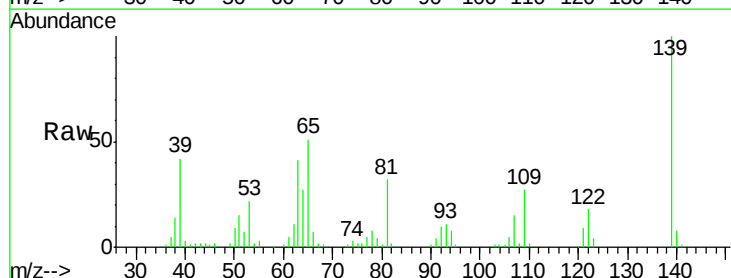
RT: 10.89 min Scan# 1294

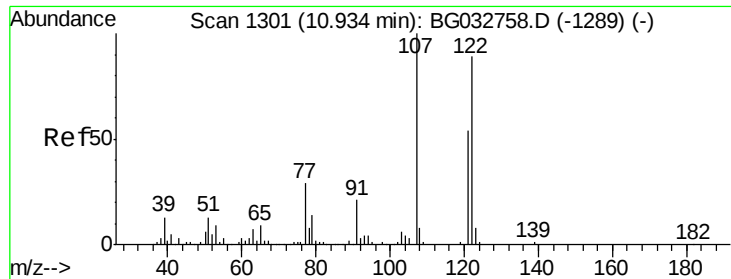
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	139	Resp:	73623
Ion Ratio		Lower	Upper
139	100		
109	27.1	24.2	36.2
65	51.2	47.4	71.0





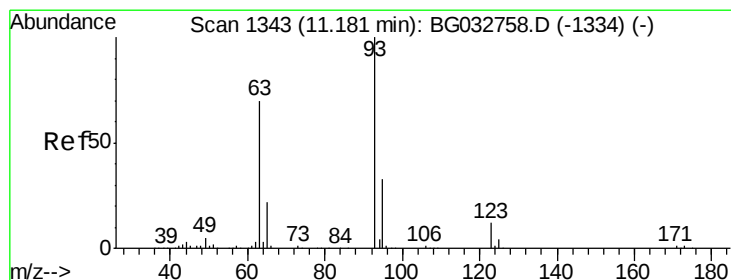
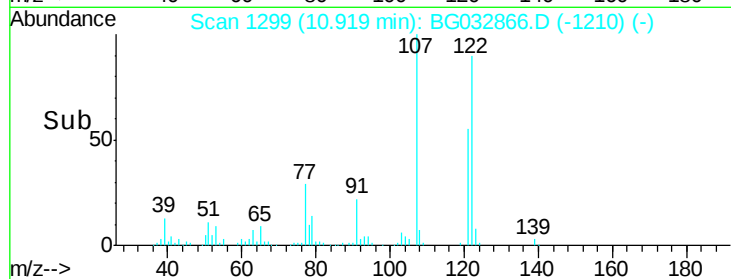
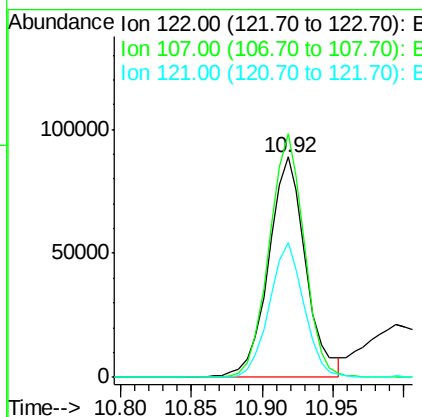
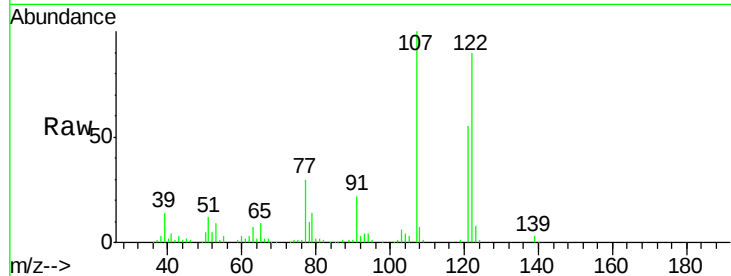
#27
2,4-Dimethylphenol
Concen: 34.321 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampled :
PB106883BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	100.2	150.2
121	61.3	44.4	66.6

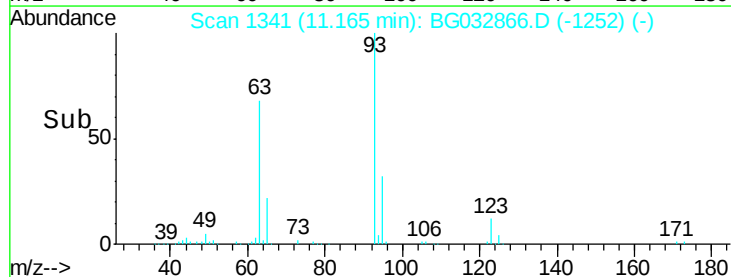
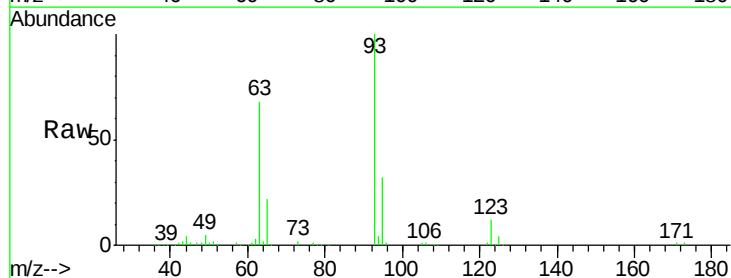
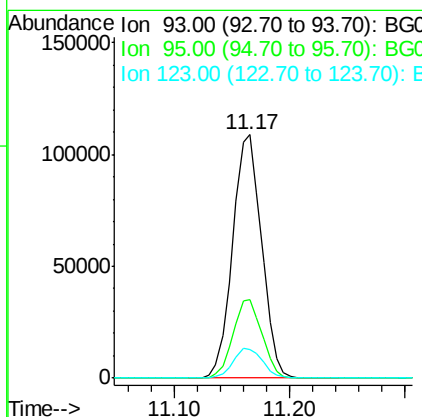
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#28
bis(2-Chloroethoxy)methane
Concen: 29.562 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	11.7	8.4	12.6





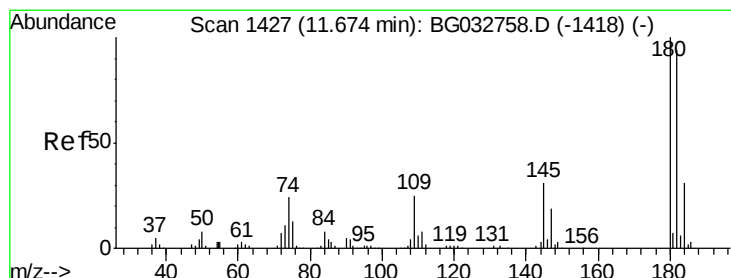
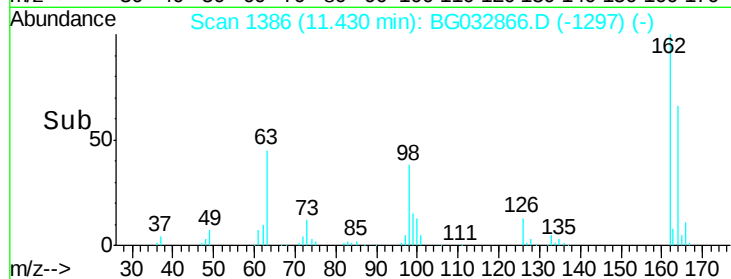
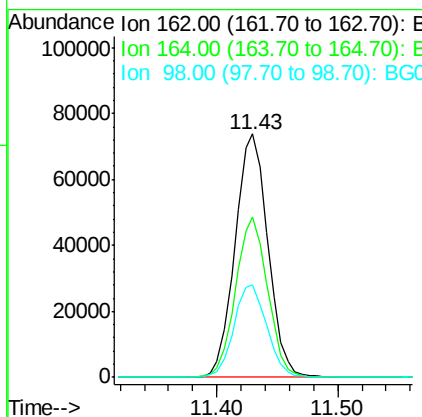
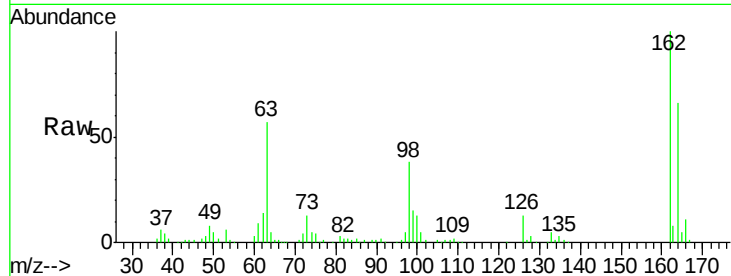
#29
 2,4-Dichlorophenol
 Concen: 32.391 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.9	48.0	88.0
98	38.2	21.1	61.1

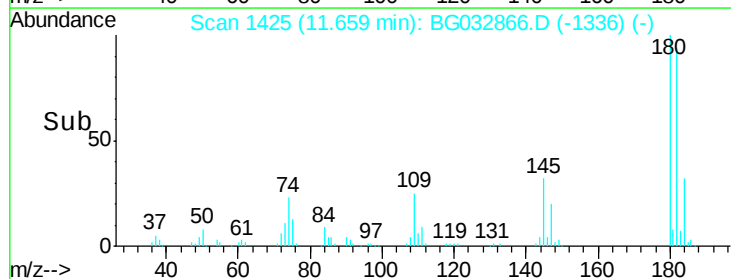
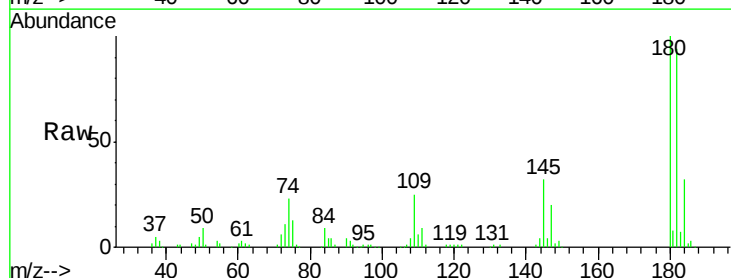
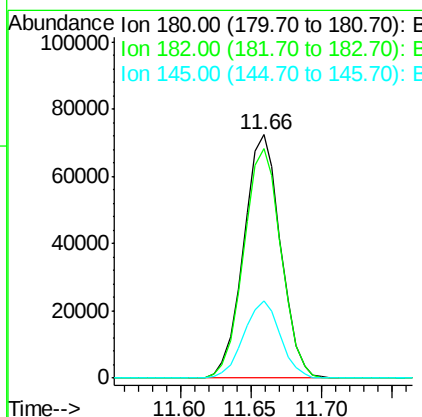
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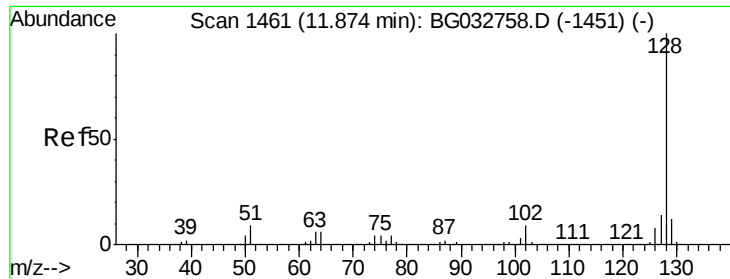
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#30
 1,2,4-Trichlorobenzene
 Concen: 26.130 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	77.5	116.3
145	31.5	23.4	35.2





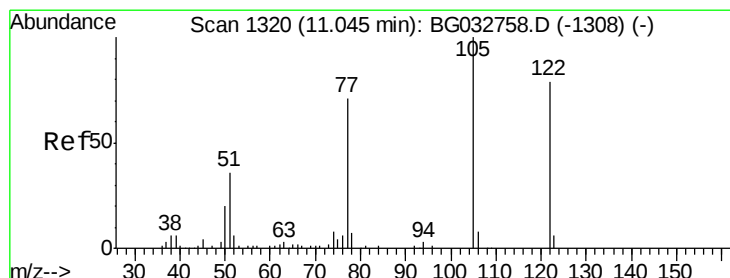
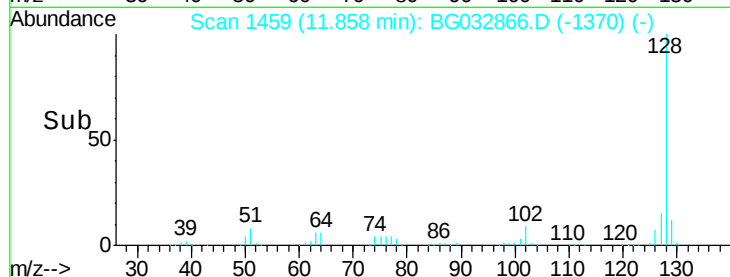
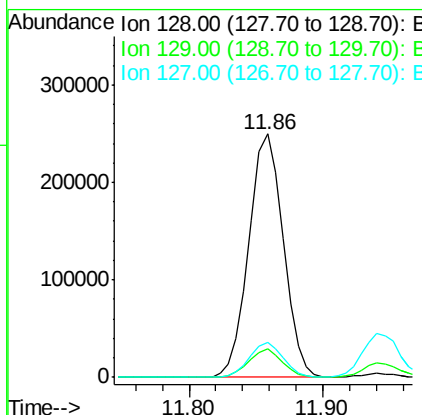
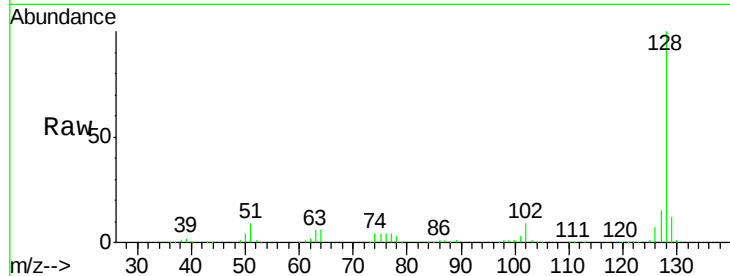
#31
Naphthalene
Concen: 27.315 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.6	11.6	17.4

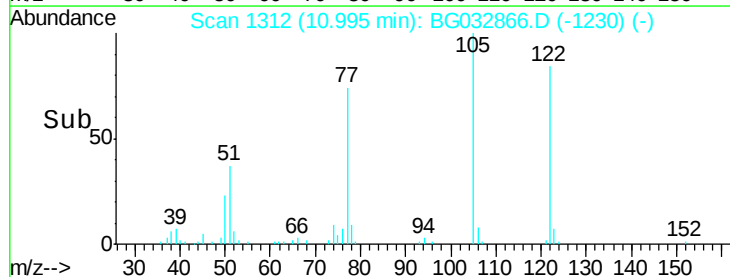
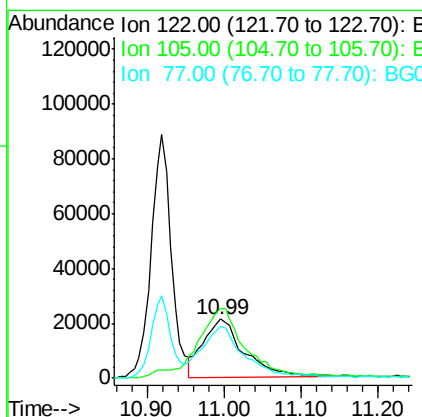
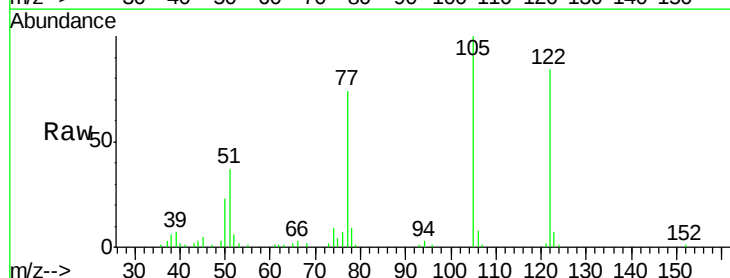
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#32
Benzoic acid
Concen: 31.632 ng
RT: 10.99 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	123.5	163.5#
77	88.2	85.7	125.7





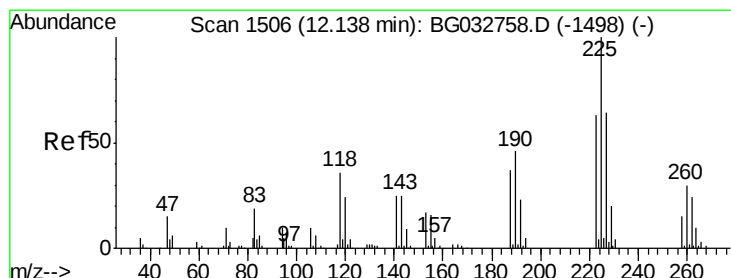
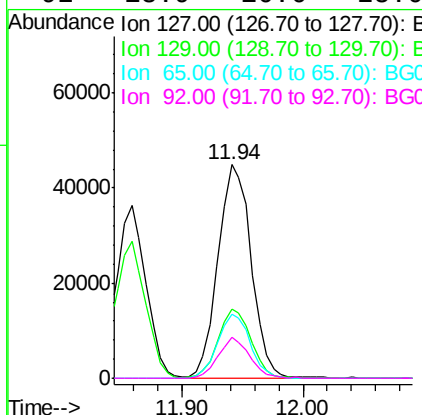
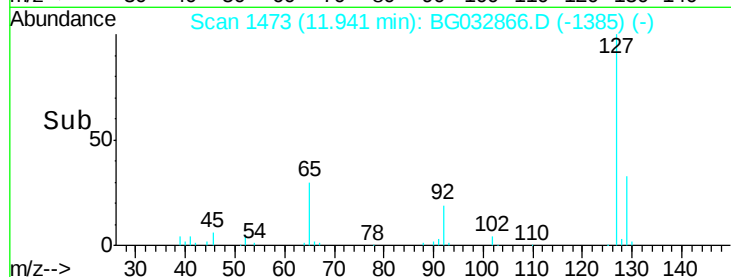
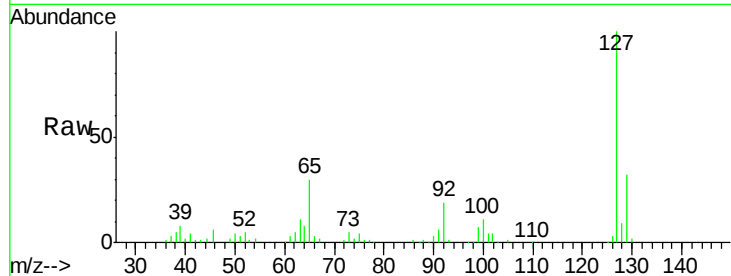
#33
4-Chloroaniline
Concen: 11.708 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampled :
PB106883BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	24.0	36.0		
65	30.2	27.0	40.4		
92	18.9	16.6	25.0		

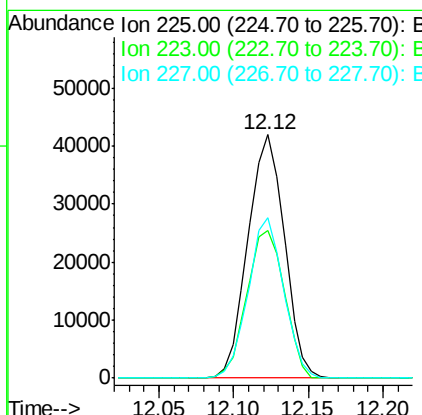
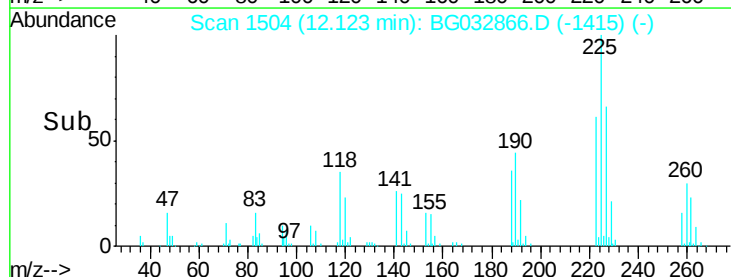
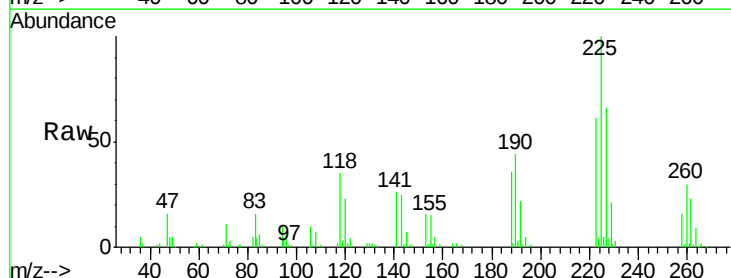
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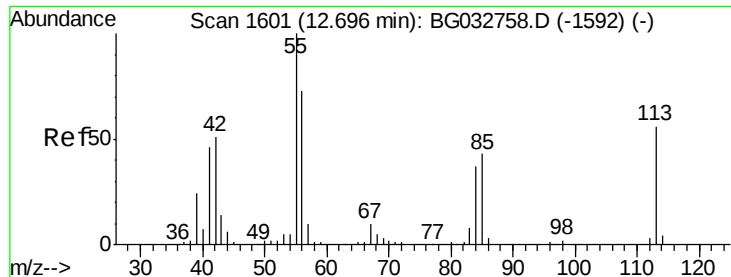
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#34
Hexachlorobutadiene
Concen: 24.996 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	49.7	74.5		
227	65.7	48.1	72.1		





#35

Caprolactam

Concen: 33.658 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

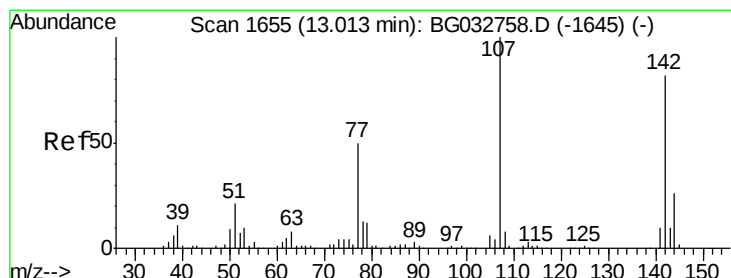
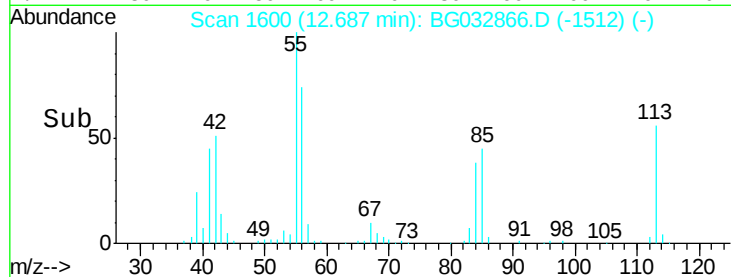
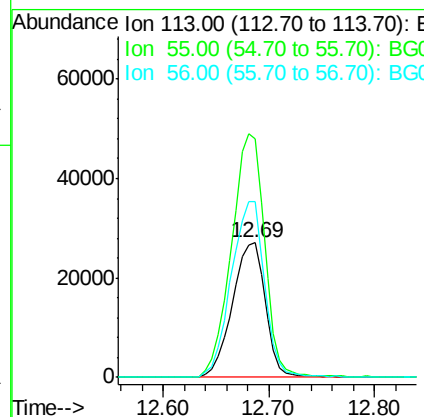
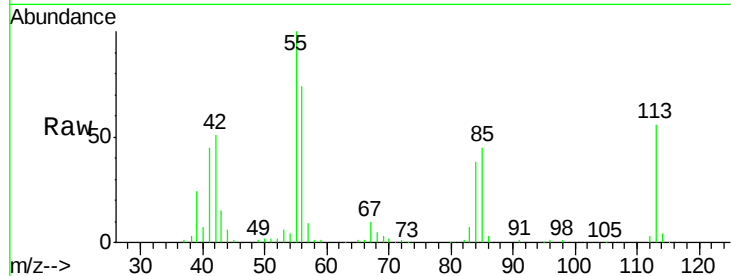
ClientSampleId :

PB106883BS

Tot Ion:113 Resp: 58244
 Ion Ratio Lower Upper
 113 100
 55 177.6 186.9 226.9#
 56 130.6 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 33.182 ng

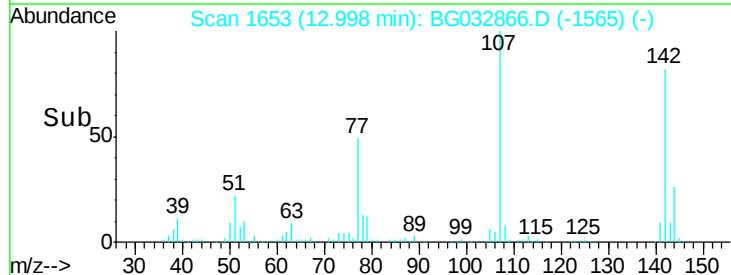
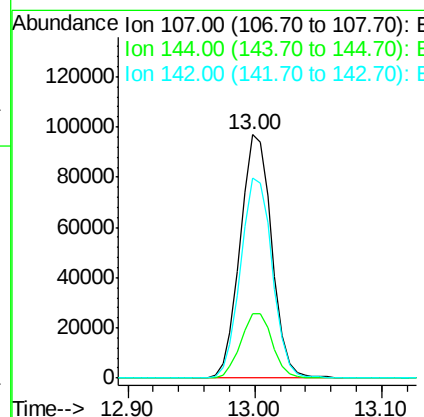
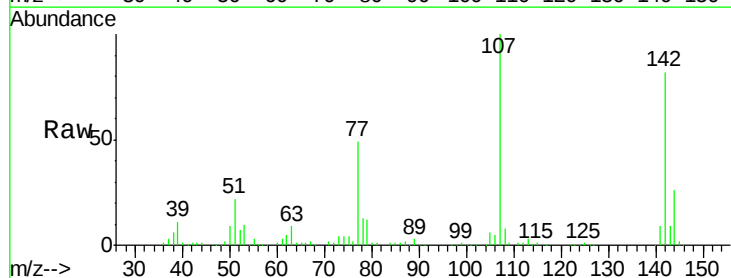
RT: 13.00 min Scan# 1653

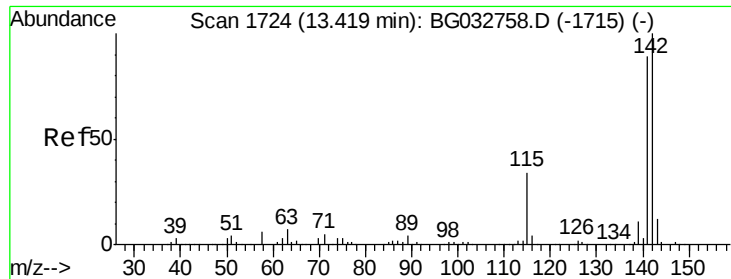
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:107 Resp: 166879
 Ion Ratio Lower Upper
 107 100
 144 26.3 18.2 27.4
 142 82.1 59.0 88.4





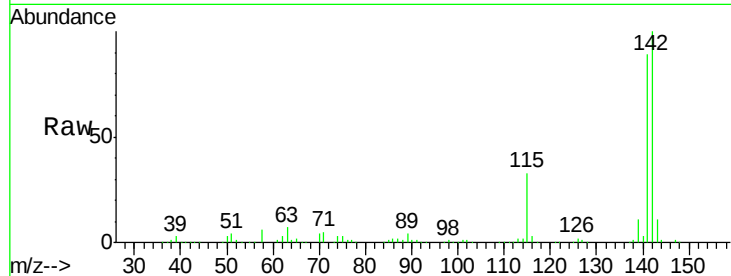
#37
2-Methylnaphthalene
Concen: 28.086 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampled :
PB106883BS

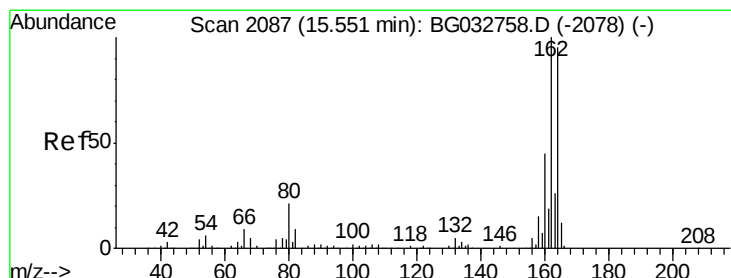
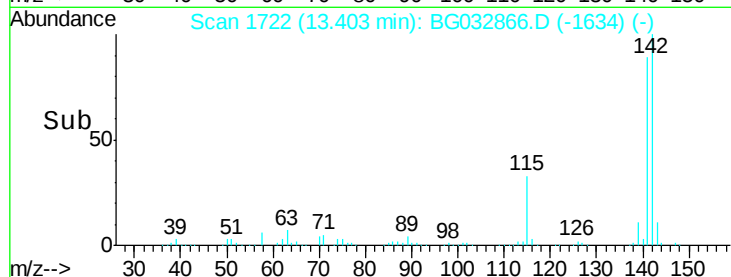
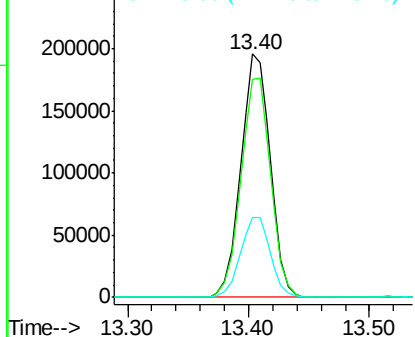
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	32.8	30.7	46.1

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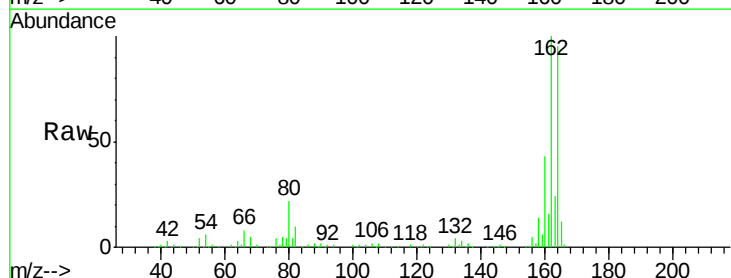


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

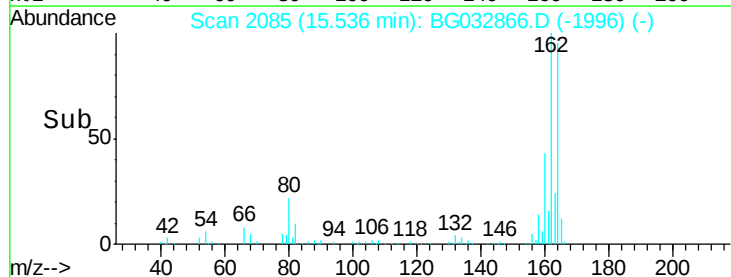
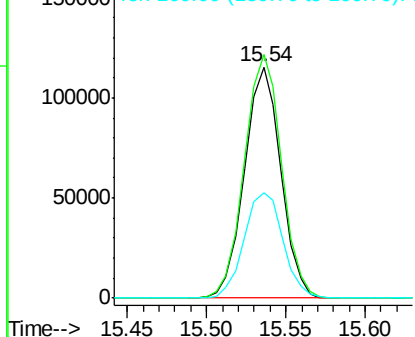


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	45.4	35.4	53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.219 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

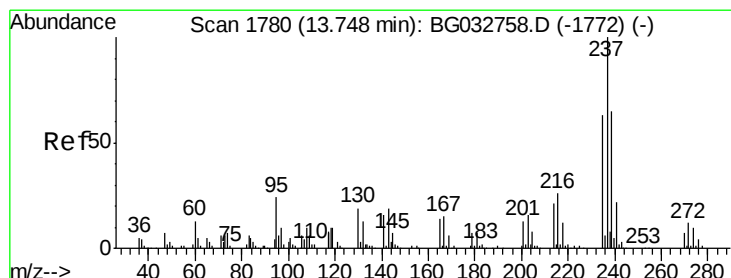
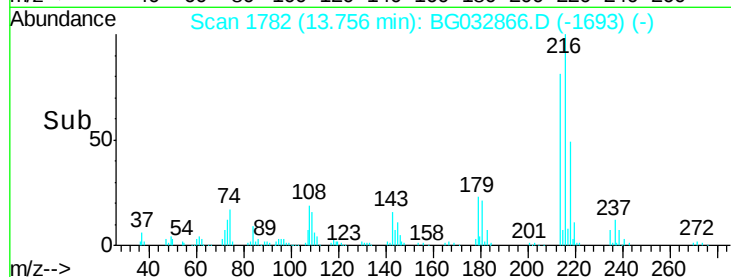
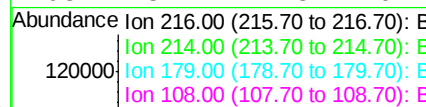
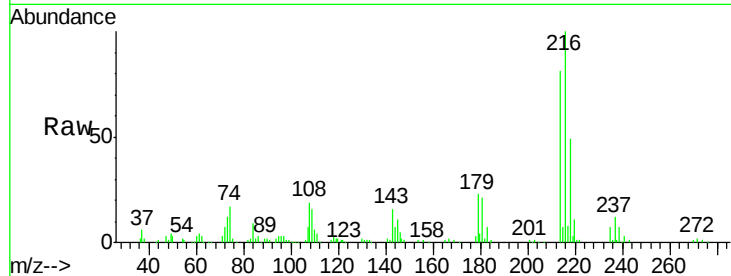
ClientSampleId :

PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	137553		
214	79.5	63.0	94.4	
179	23.1	17.0	25.6	
108	23.1	12.8	19.2	

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#40

Hexachlorocyclopentadiene

Concen: 59.861 ng

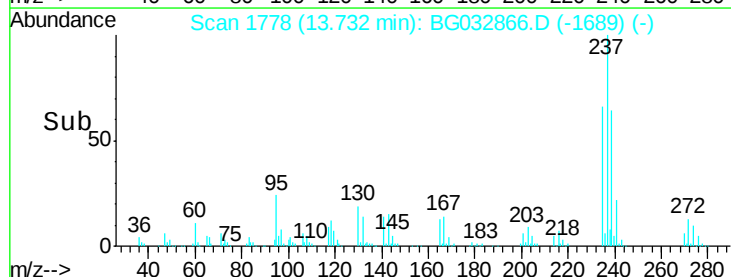
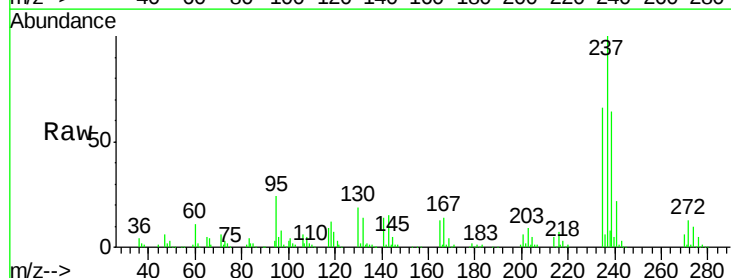
RT: 13.73 min Scan# 1778

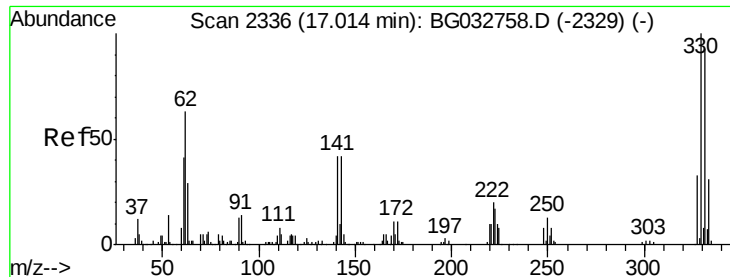
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	166400		
235	65.6	50.4	90.4	
272	13.2	0.0	31.8	





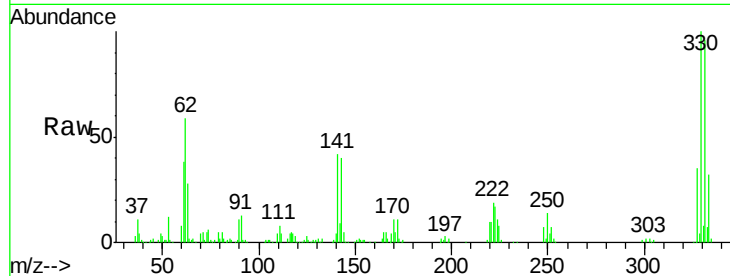
#41
 2,4,6-Tribromophenol
 Concen: 98.202 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	43.0	25.2	37.8

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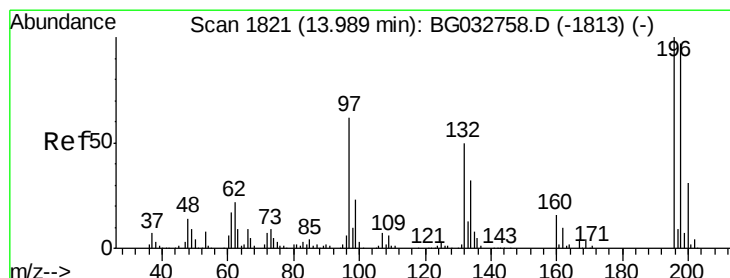
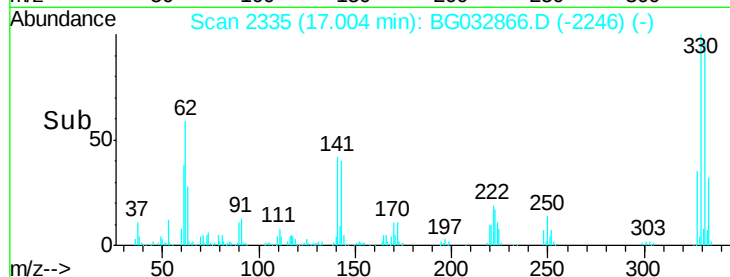
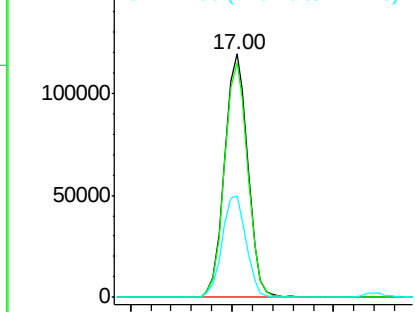


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 31.841 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

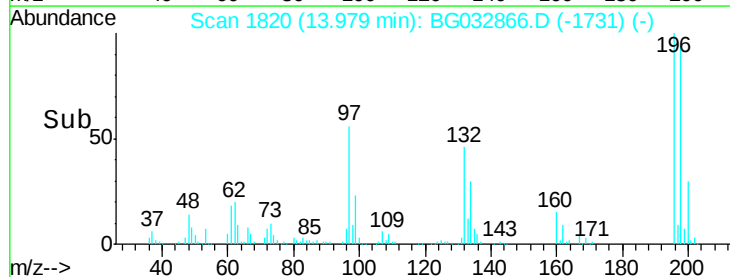
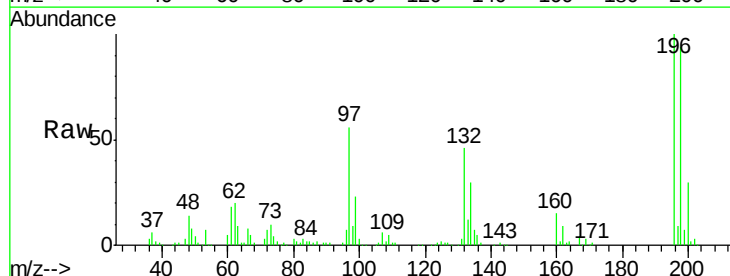
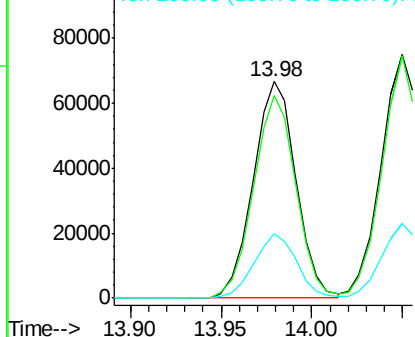
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.2	117.2
200	29.9	24.6	36.8

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





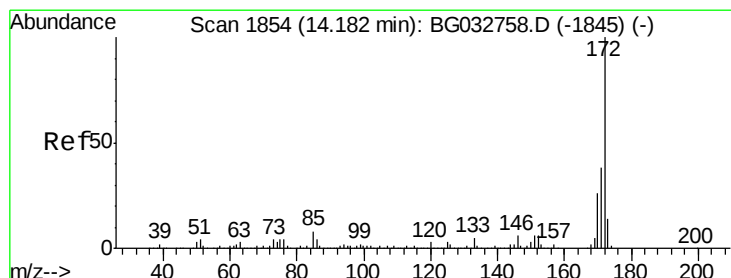
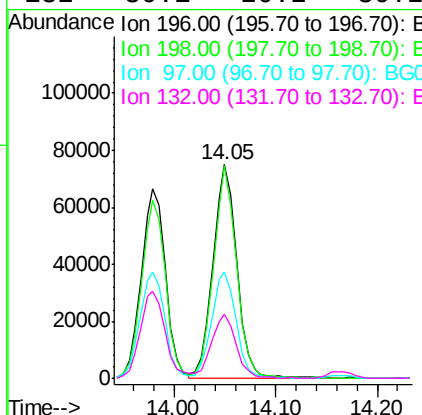
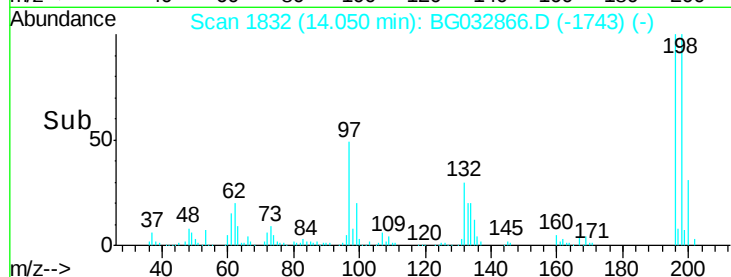
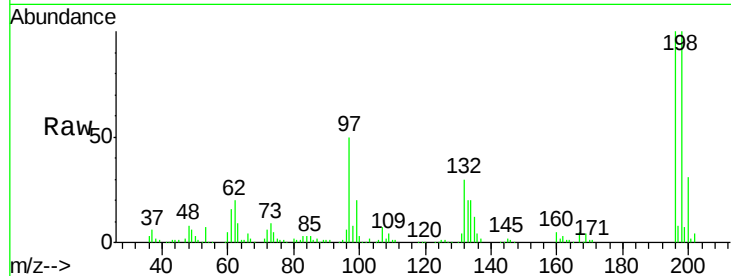
#43
 2,4,5-Trichlorophenol
 Concen: 30.498 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		121415		
198	99.6	76.2	114.4		
97	49.5	38.7	58.1		
132	30.1	20.2	30.2		

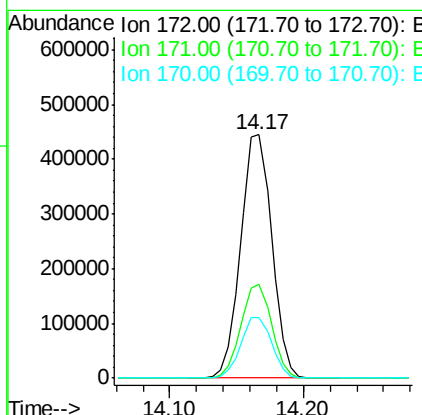
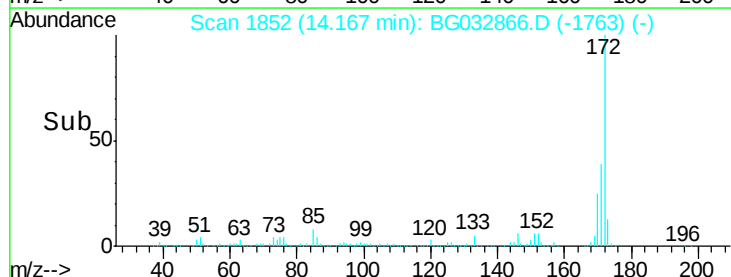
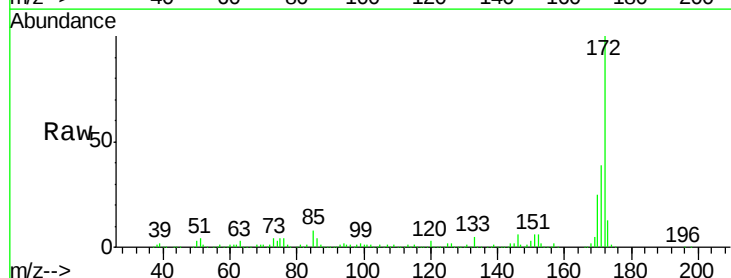
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#44
 2-Fluorobiphenyl
 Concen: 56.315 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		717440		
171	38.8	30.0	45.0		
170	25.1	19.5	29.3		





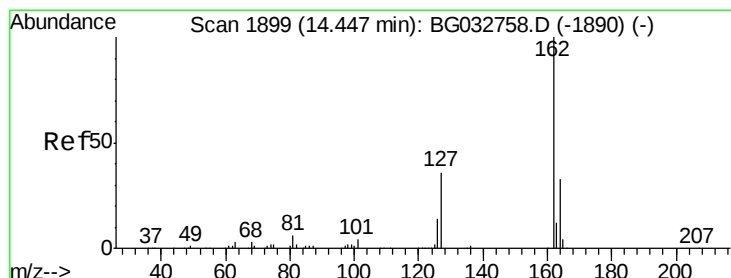
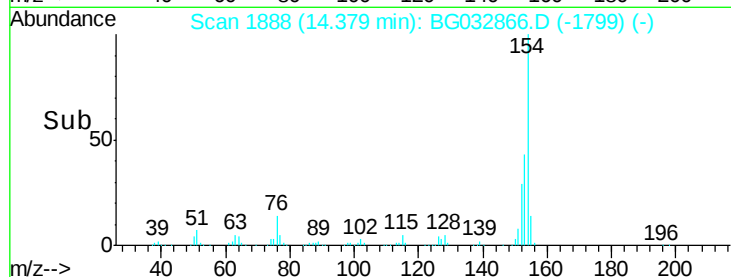
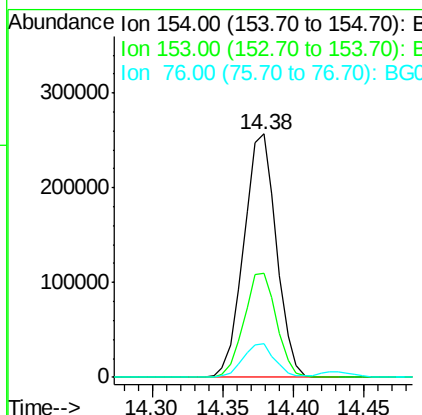
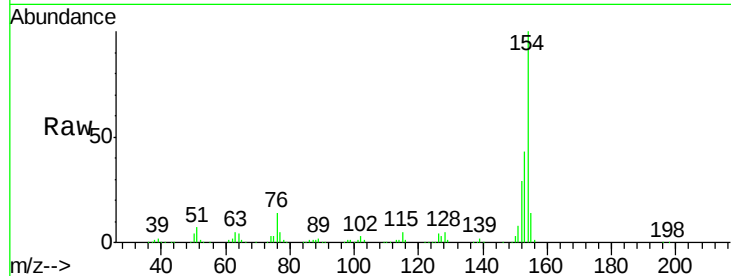
#45
 1,1'-Biphenyl
 Concen: 25.814 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	19.8	59.8
76	13.7	0.0	31.9

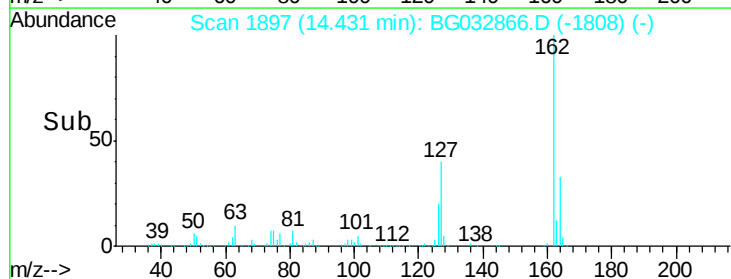
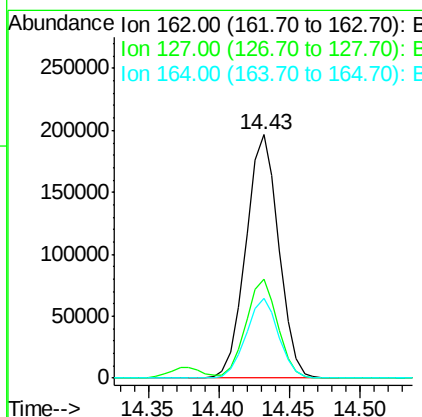
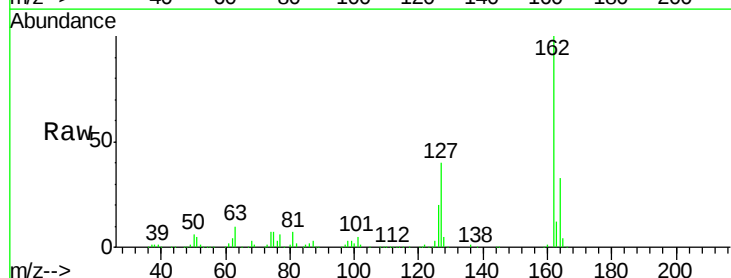
Manual Integrations
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 2/28/2018 1:01:49 PM



#46
 2-Chloronaphthalene
 Concen: 26.633 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.7	46.1
164	32.9	26.0	39.0





#47

2-Nitroaniline

Concen: 38.468 ng

RT: 14.61 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

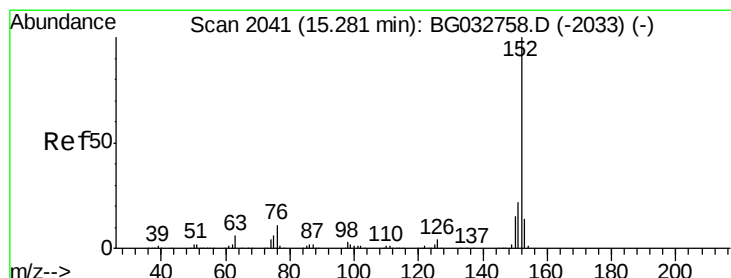
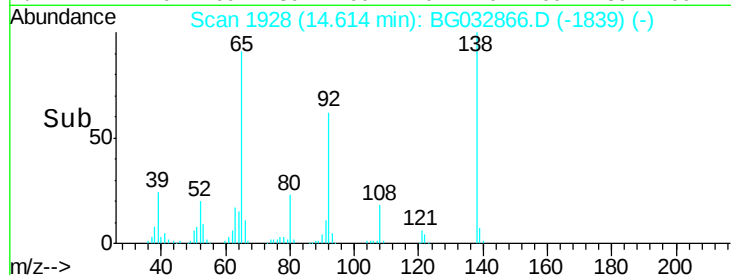
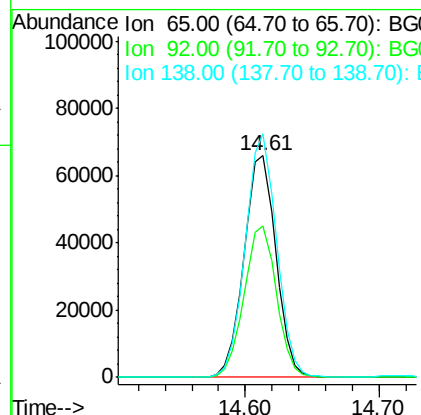
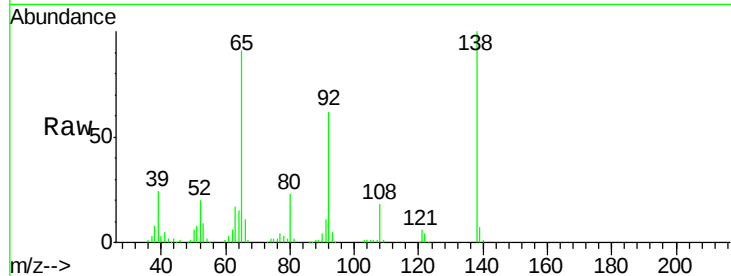
ClientSampleId :

PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108925		
92	68.5	54.6	82.0	
138	109.9	72.9	109.3	

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#48

Acenaphthylene

Concen: 26.807 ng

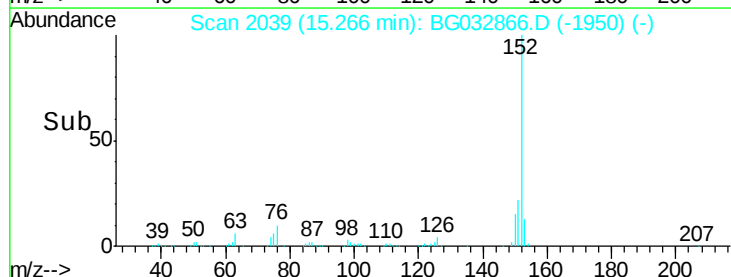
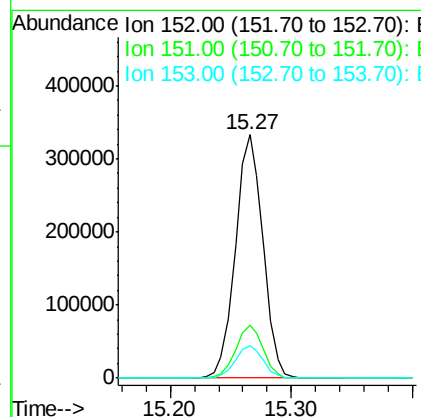
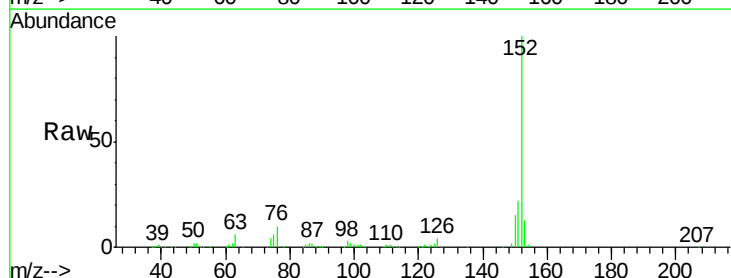
RT: 15.27 min Scan# 2039

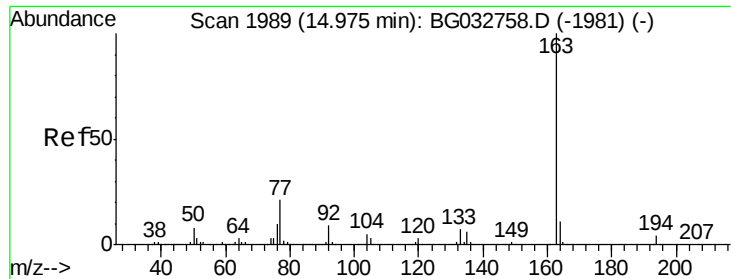
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	526391		
151	21.9	17.2	25.8	
153	13.3	10.2	15.4	





#49

Dimethylphthalate

Concen: 27.299 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

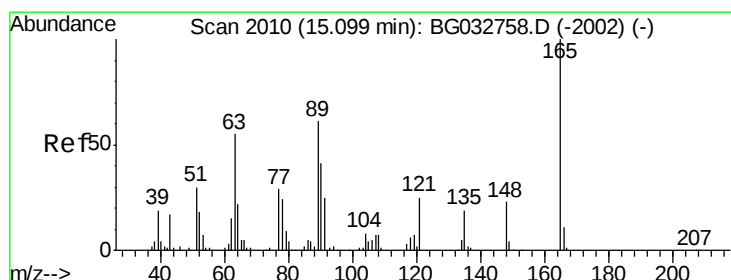
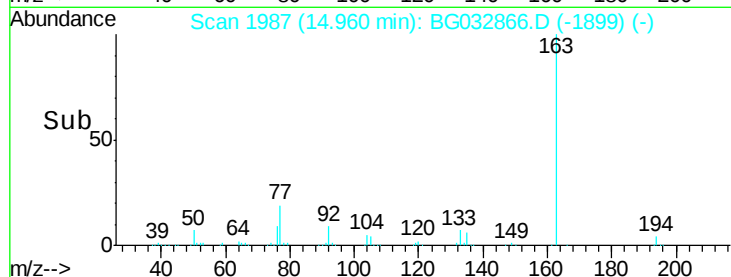
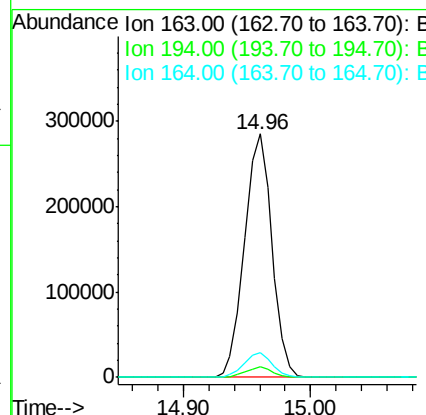
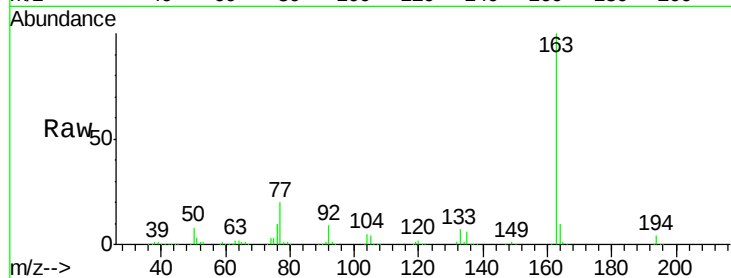
ClientSampleId :

PB106883BS

Tot Ion:	163	Resp:	425900
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.1	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 38.543 ng

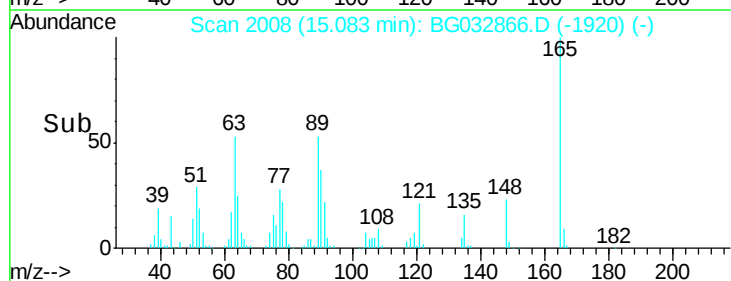
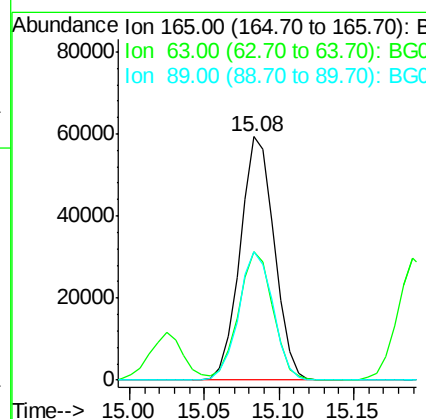
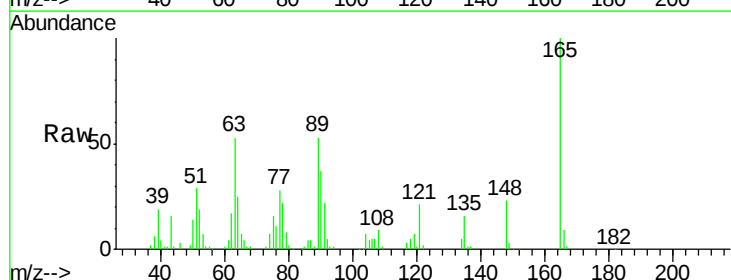
RT: 15.08 min Scan# 2008

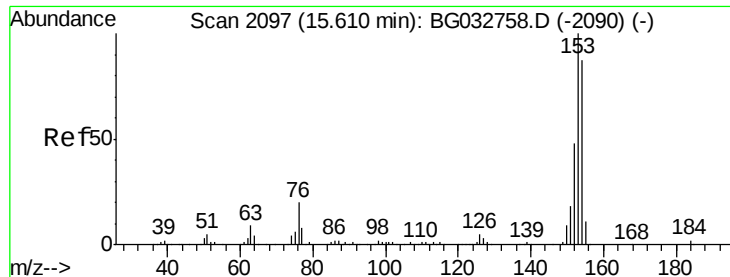
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	165	Resp:	93971
Ion Ratio	Lower	Upper	
165	100		
63	53.0	52.7	79.1
89	52.9	49.2	73.8





#51

Acenaphthene

Concen: 27.163 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

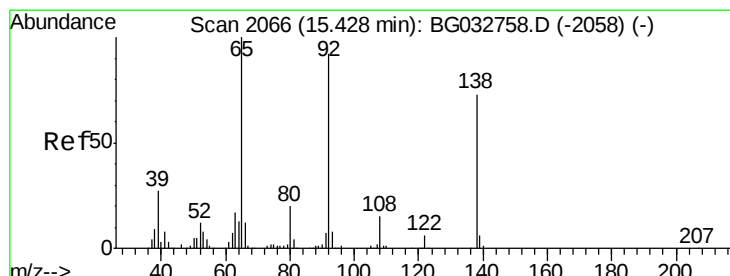
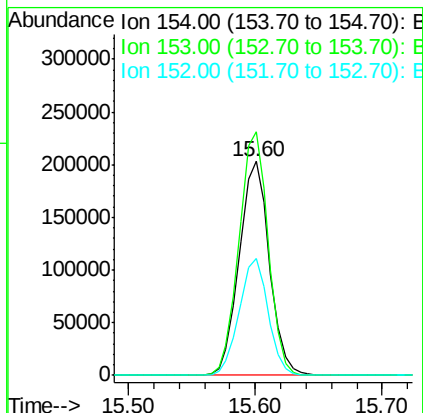
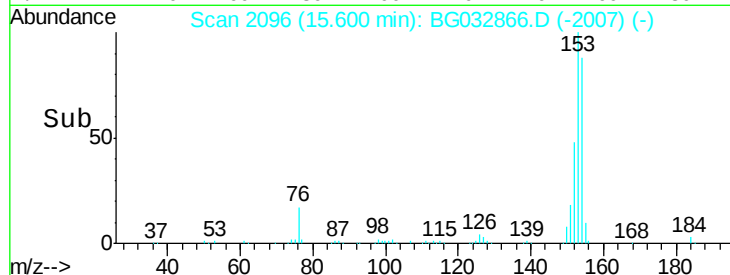
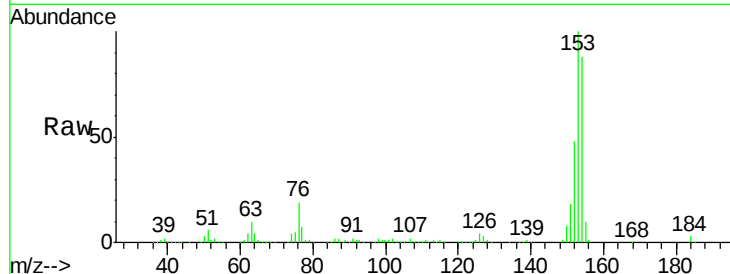
ClientSampleId :

PB106883BS

Tot Ion:	154	Resp:	332187
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.4	135.6
152	54.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 25.604 ng

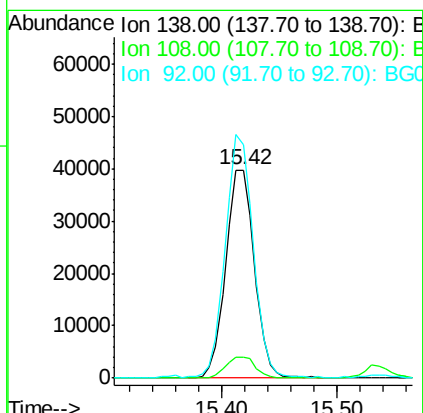
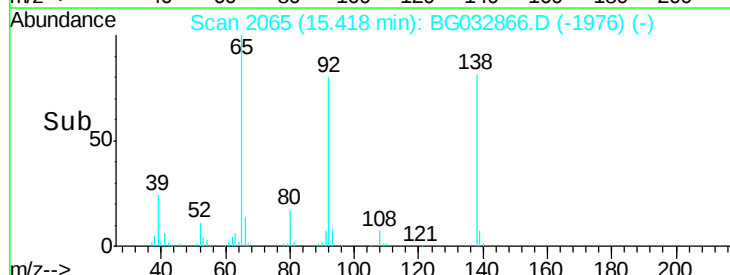
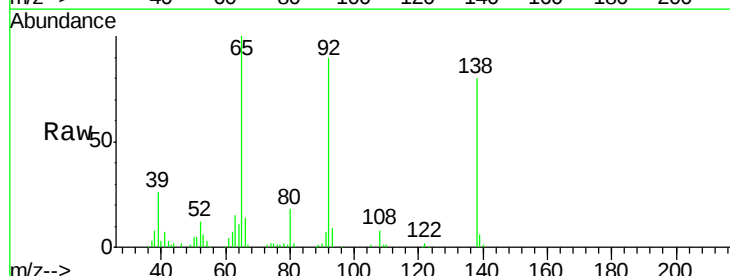
RT: 15.42 min Scan# 2065

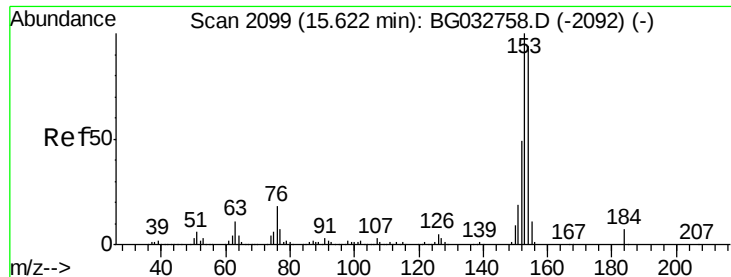
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	138	Resp:	68453
Ion Ratio	Lower	Upper	
138	100		
108	10.0	17.5	26.3#
92	112.3	105.8	158.8





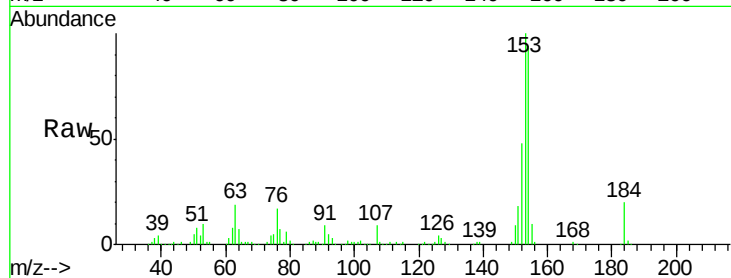
#53
 2,4-Dinitrophenol
 Concen: 49.646 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

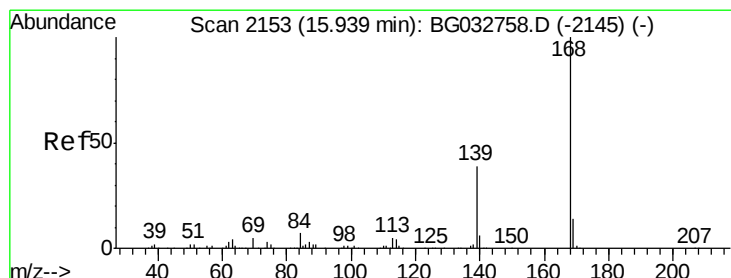
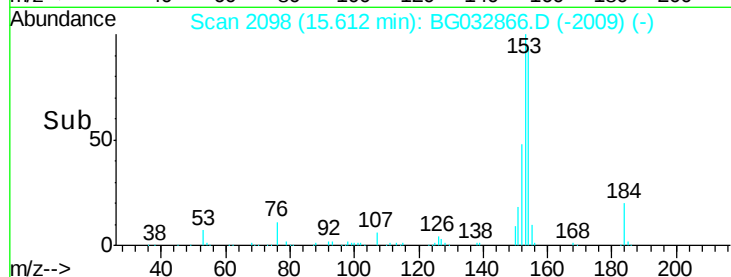
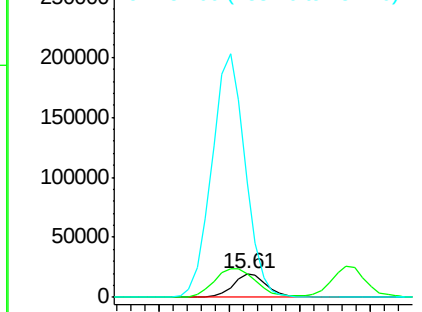
Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	98.0	59.8		89.8#	
154	475.8	101.8		152.8#	

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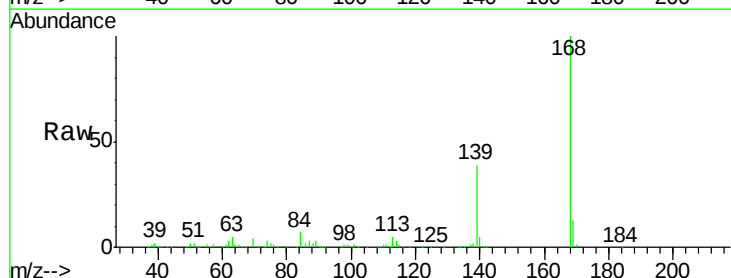


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

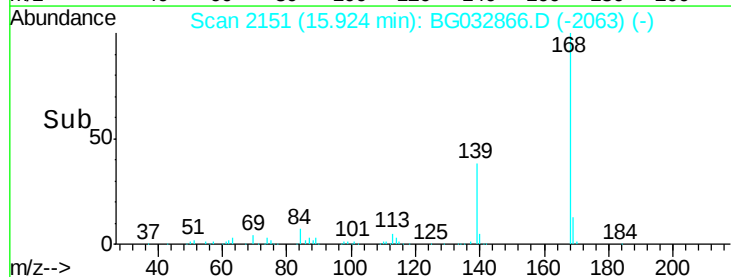
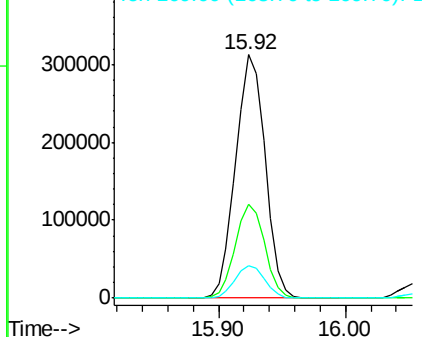


#54
 Dibenzofuran
 Concen: 28.926 ng
 RT: 15.92 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
139	38.7	28.6		43.0	
169	13.3	11.2		16.8	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





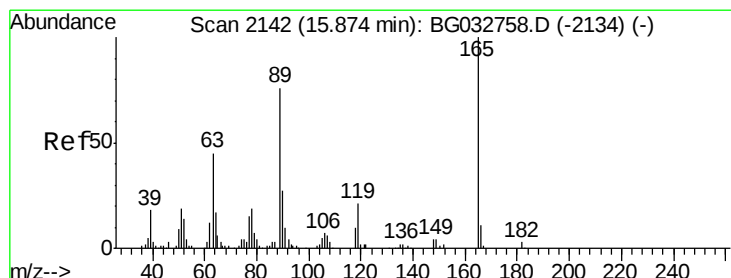
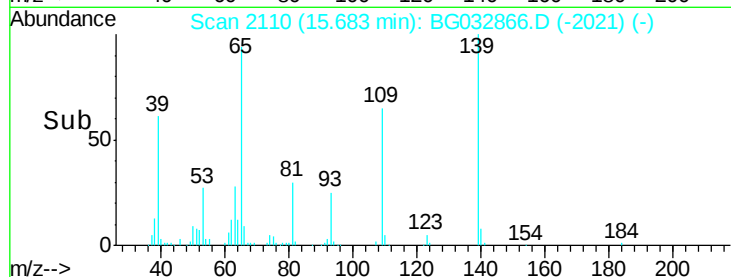
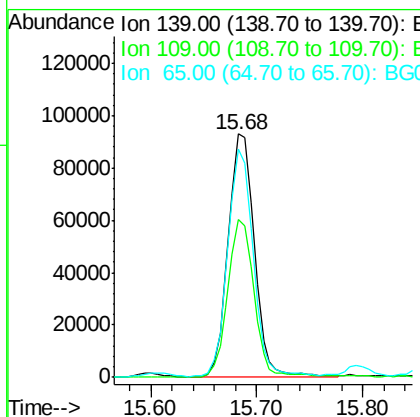
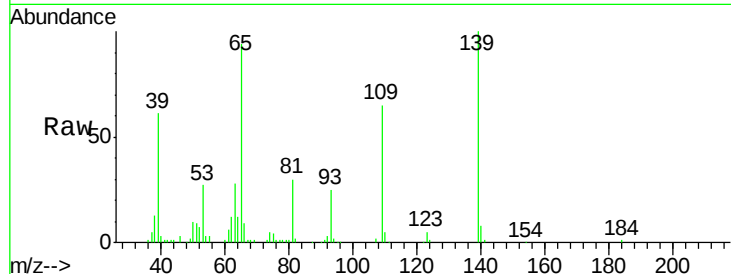
#55
4-Nitrophenol
Concen: 64.645 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	161347		
109	65.0	62.2	102.2	
65	93.8	97.2	137.2#	

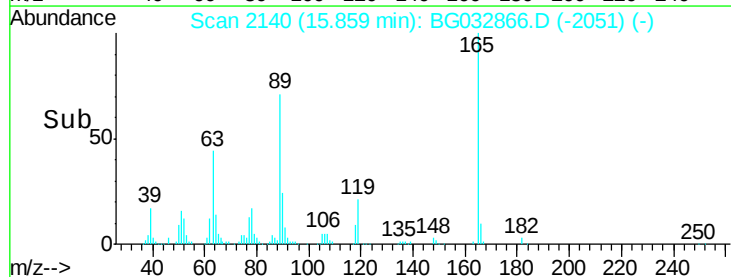
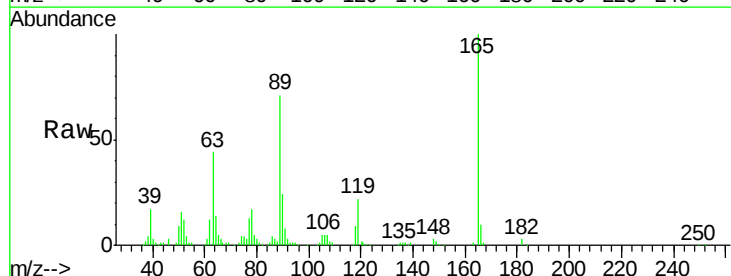
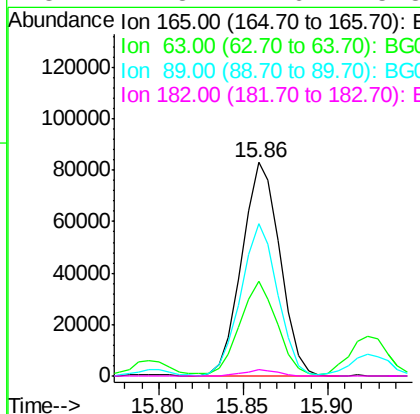
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#56
2,4-Dinitrotoluene
Concen: 44.616 ng
RT: 15.86 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130170		
63	44.3	42.0	63.0	
89	71.0	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 28.080 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

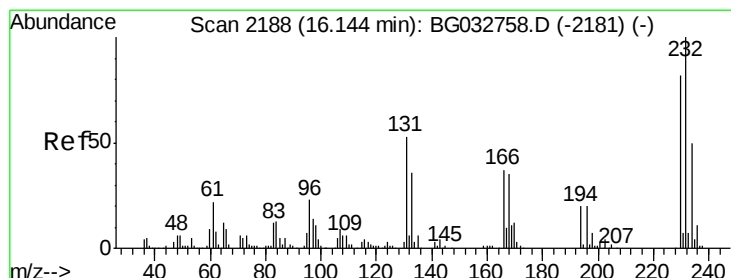
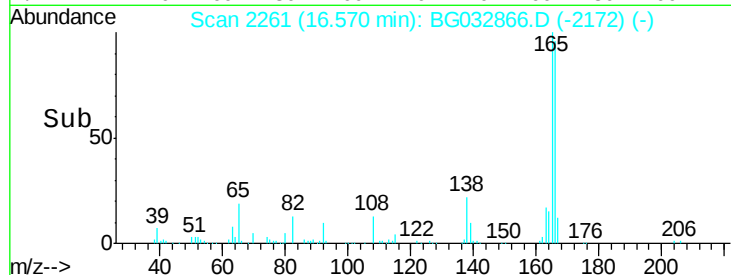
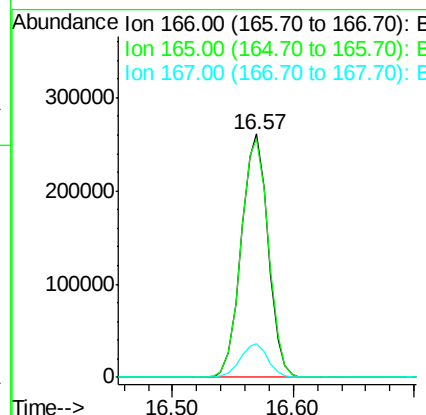
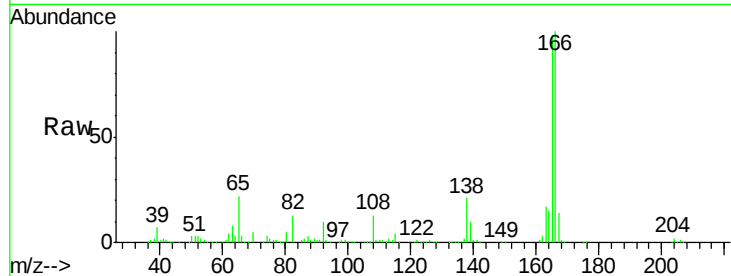
ClientSampleId :

PB106883BS

Tot Ion:	166	Resp:	403576
Ion Ratio		Lower	Upper
166	100		
165	98.1	80.6	121.0
167	13.8	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.950 ng m

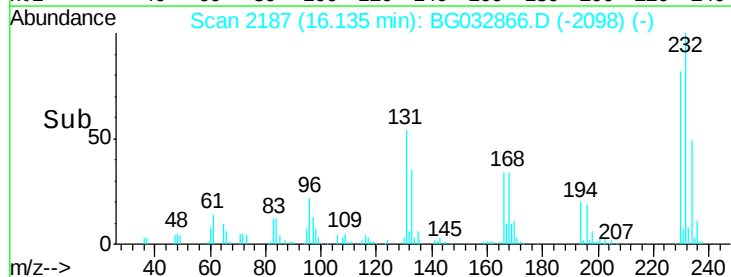
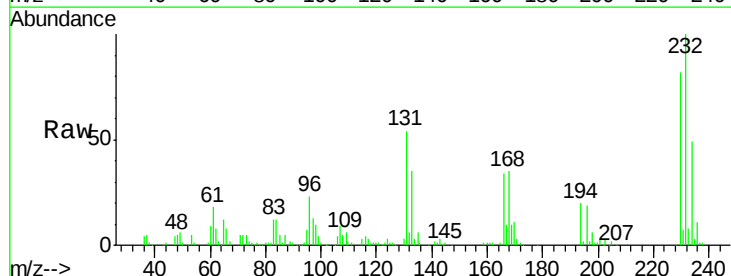
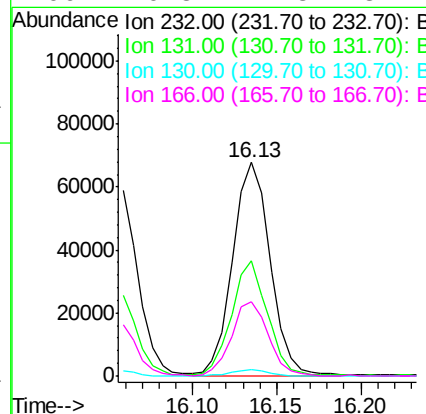
RT: 16.13 min Scan# 2187

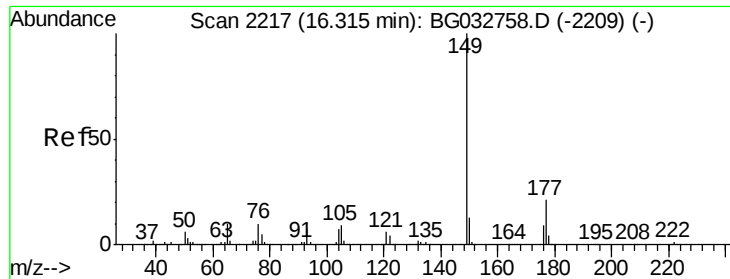
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	232	Resp:	104938
Ion Ratio		Lower	Upper
232	100		
131	43.9	33.5	50.3
130	2.8	2.2	3.2
166	26.8	24.8	37.2





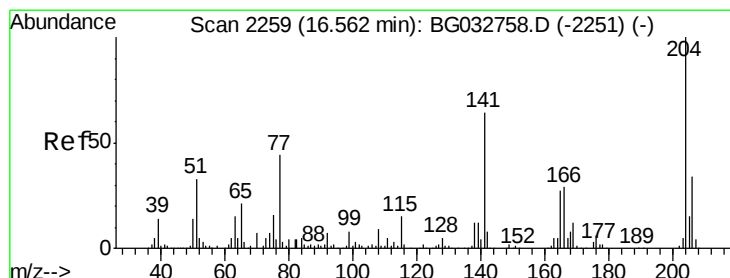
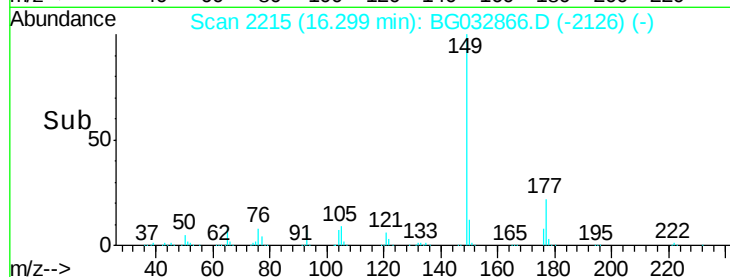
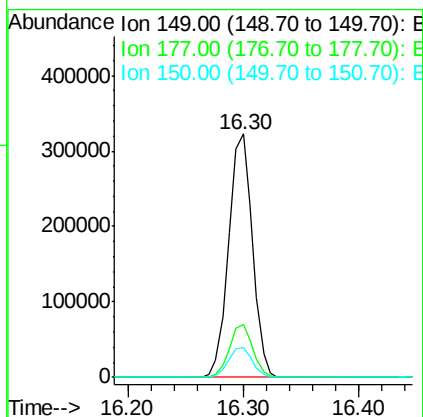
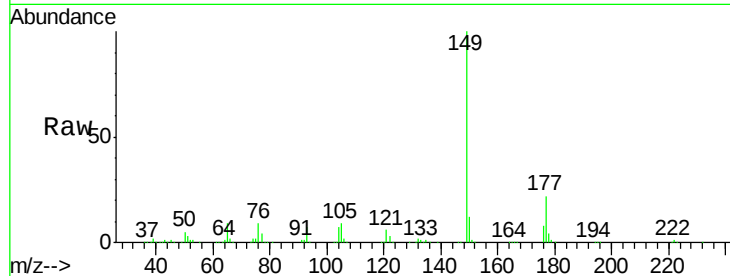
#59
Diethylphthalate
Concen: 27.841 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	458130		
177	21.6	18.5	27.7	
150	12.4	10.2	15.2	

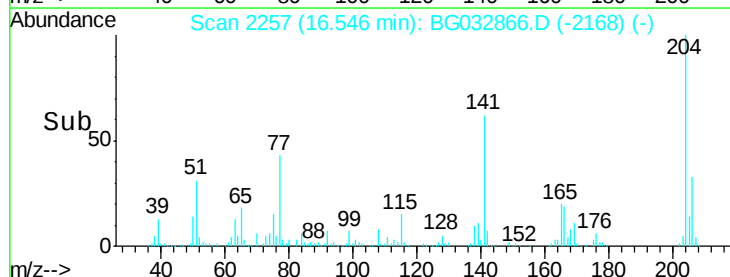
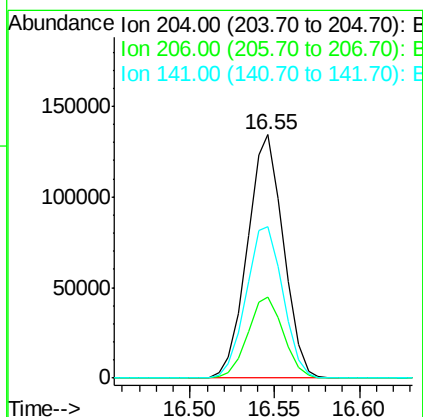
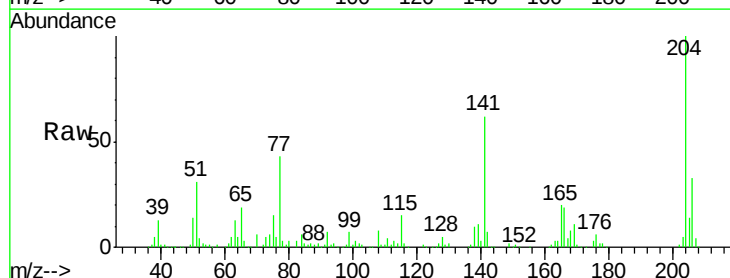
Manual Integrations
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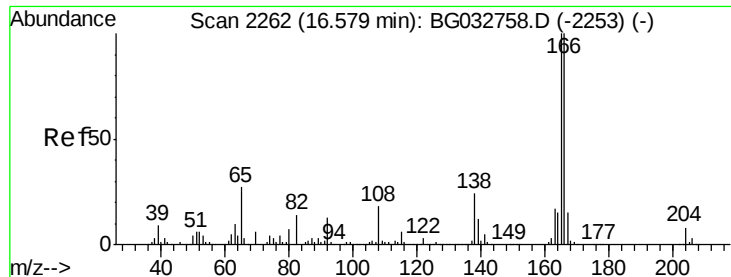
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 28.193 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	198219		
206	33.3	26.2	39.2	
141	62.0	45.8	68.6	





#61

4-Nitroaniline

Concen: 31.714 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

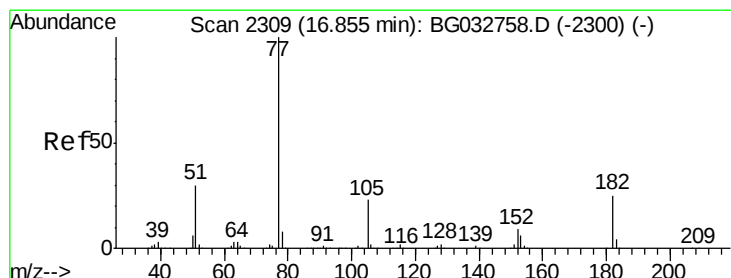
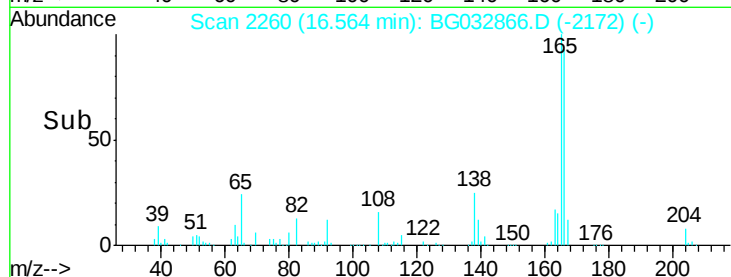
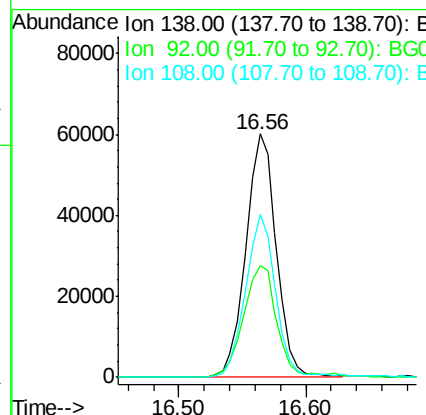
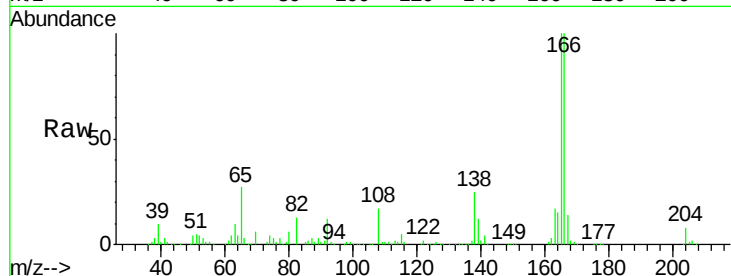
ClientSampleId :

PB106883BS

Tot Ion:	138	Resp:	100286
Ion Ratio	Lower	Upper	
138	100		
92	45.9	40.1	80.1
108	66.7	65.4	105.4

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#62

Azobenzene

Concen: 28.085 ng

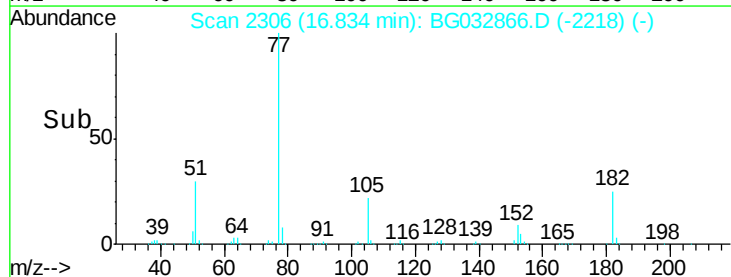
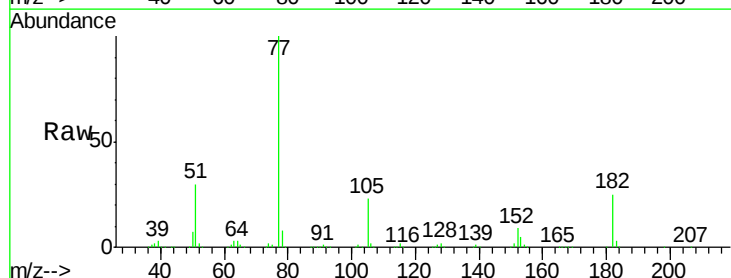
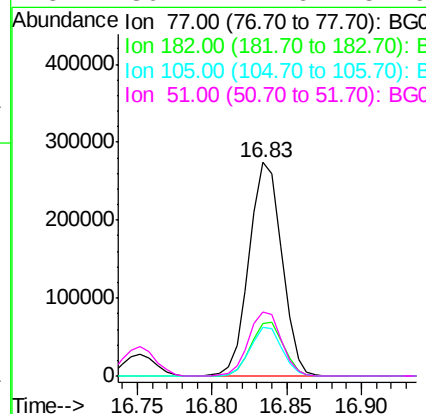
RT: 16.83 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	77	Resp:	413436
Ion Ratio	Lower	Upper	
77	100		
182	24.5	7.4	47.4
105	22.8	0.3	40.3
51	30.2	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

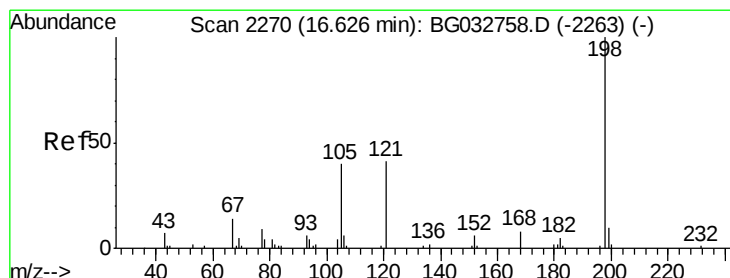
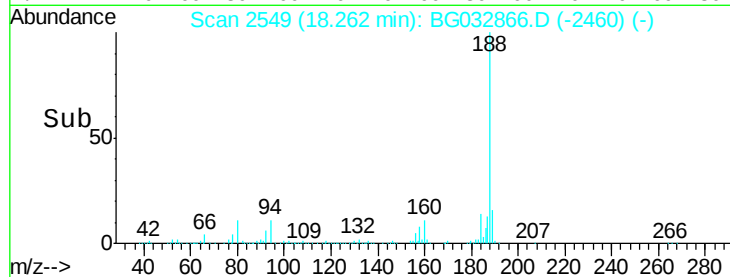
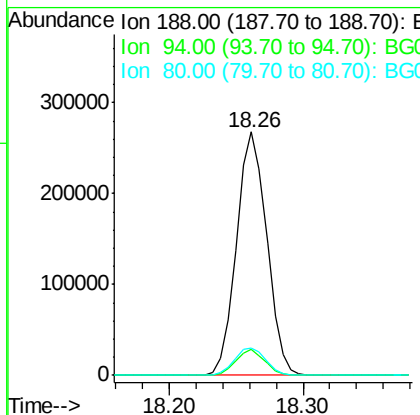
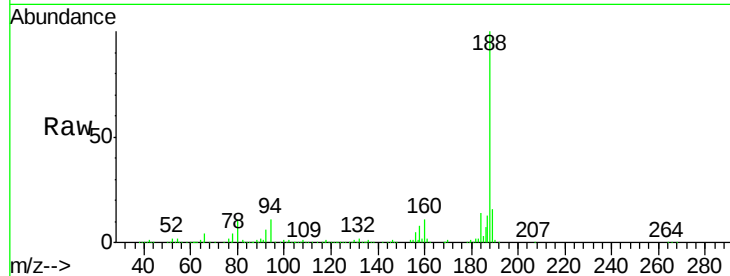
ClientSampleId :

PB106883BS

Tot Ion:	188	Resp:	419879
Ion Ratio	Lower	Upper	
188	100		
94	10.6	6.9	10.3#
80	11.3	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.871 ng

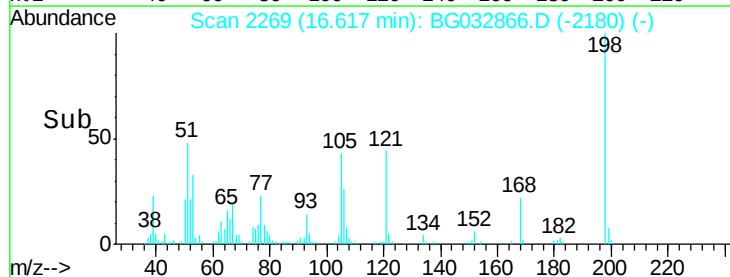
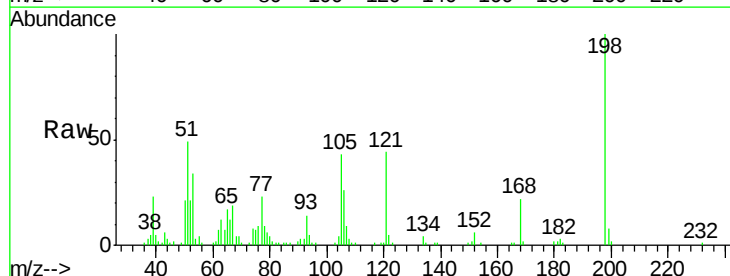
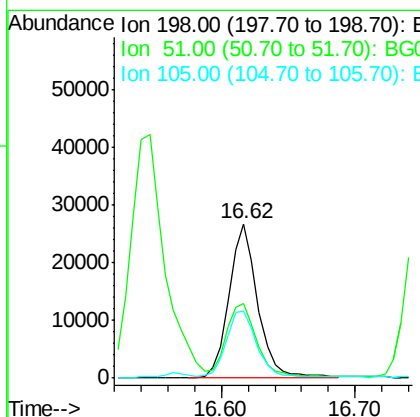
RT: 16.62 min Scan# 2269

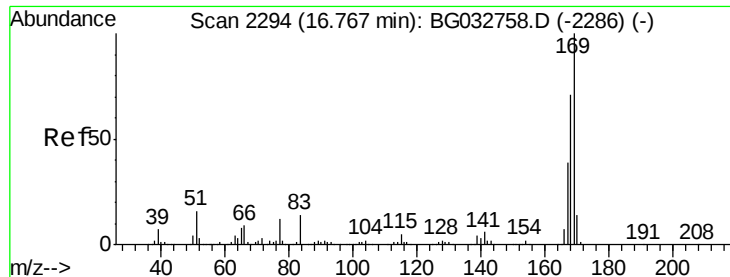
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	198	Resp:	40296
Ion Ratio	Lower	Upper	
198	100		
51	48.7	30.6	70.6
105	43.4	23.8	63.8





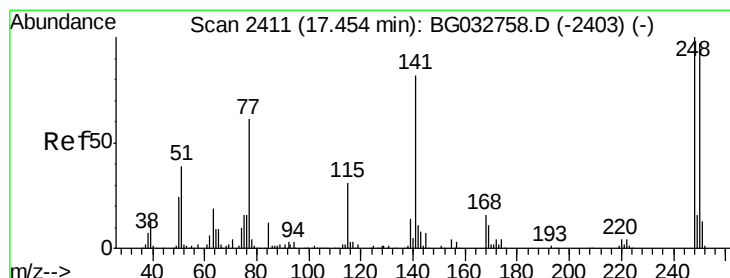
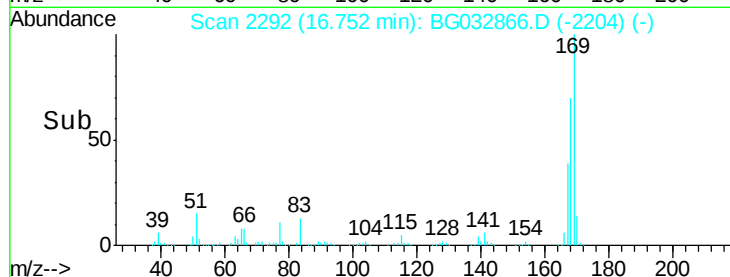
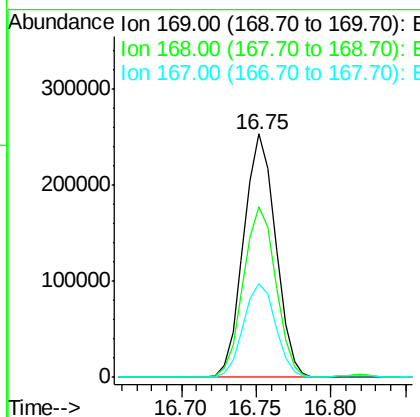
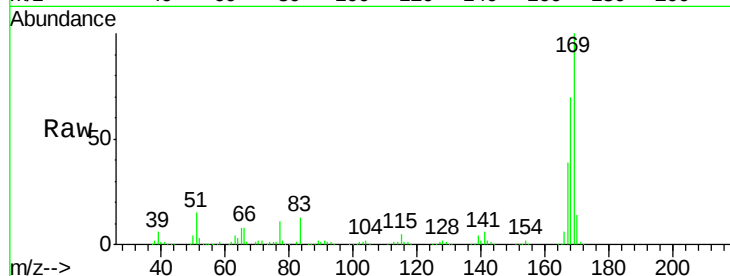
#65
 n-Nitrosodiphenylamine
 Concen: 27.585 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	376796		
168	69.9		55.7	83.5
167	38.6		30.1	45.1

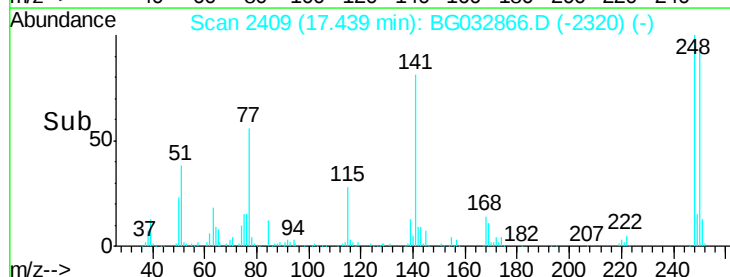
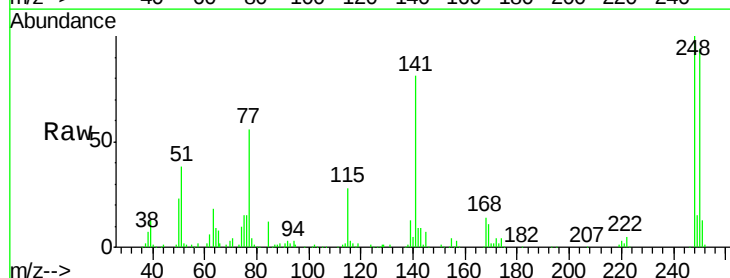
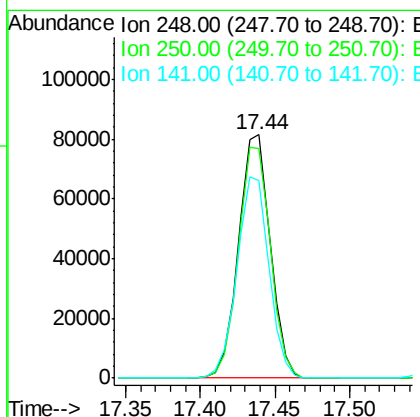
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#66
 4-Bromophenyl-phenylether
 Concen: 27.063 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120155		
250	94.2		77.1	115.7
141	81.0		50.8	76.2





#67

Hexachlorobenzene

Concen: 25.877 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

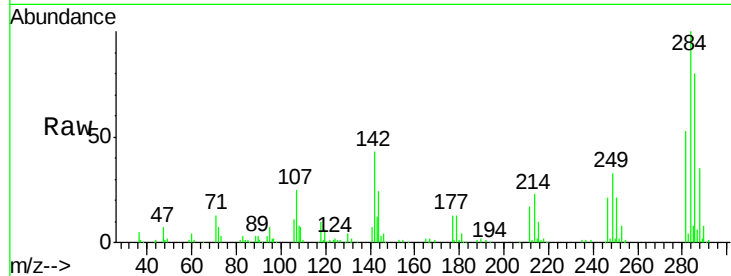
ClientSampled :

PB106883BS

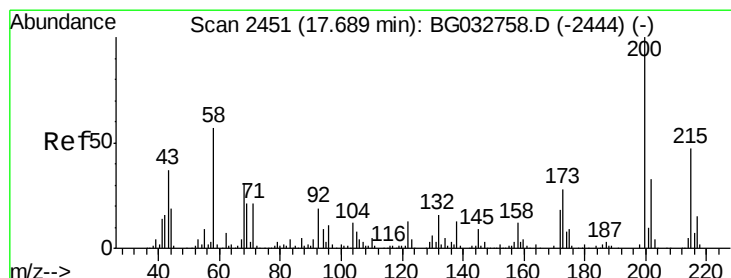
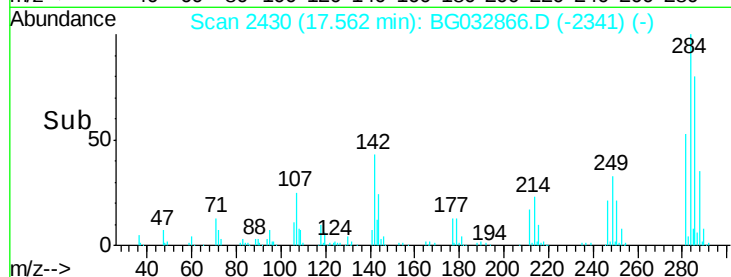
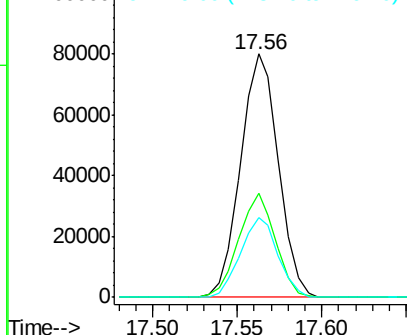
Tot Ion:	284	Resp:	124156
Ion Ratio	Lower	Upper	
284	100		
142	42.6	26.8	40.2#
249	32.8	26.3	39.5

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



#68

Atrazine

Concen: 28.652 ng

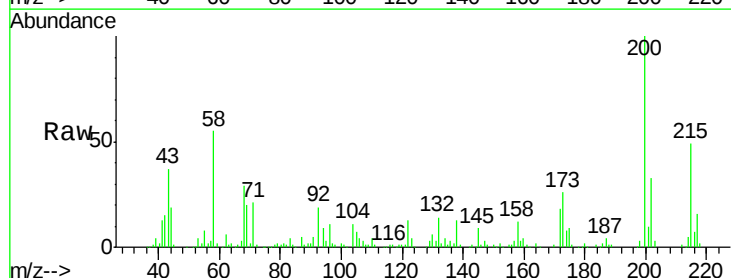
RT: 17.67 min Scan# 2449

Delta R.T. -0.01 min

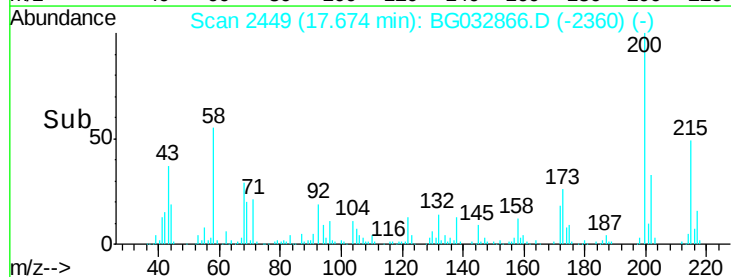
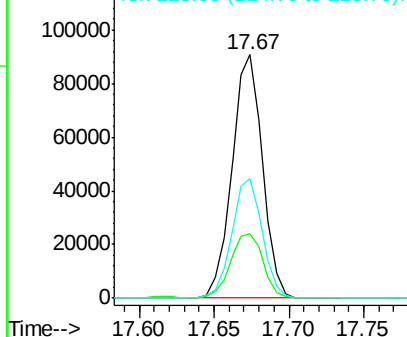
Lab File: BG032866.D

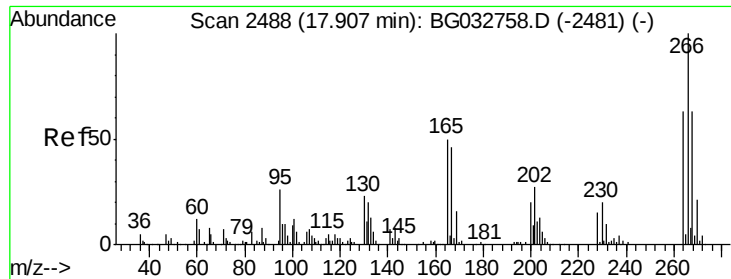
Acq: 27 Feb 2018 22:19

Tgt Ion:	200	Resp:	128822
Ion Ratio	Lower	Upper	
200	100		
173	26.2	5.2	45.2
215	49.3	30.4	70.4



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





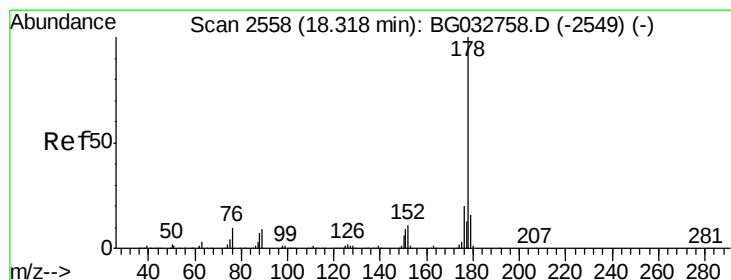
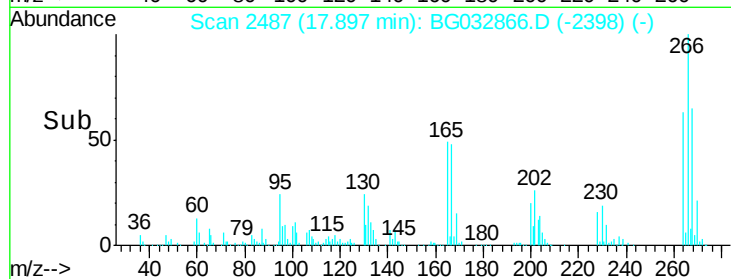
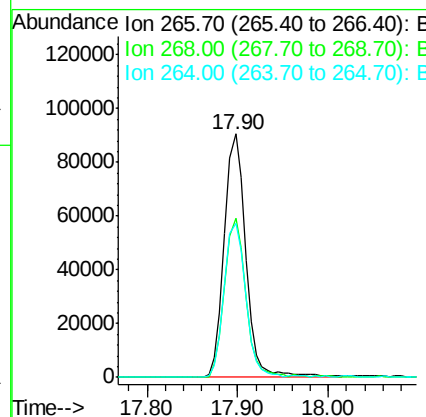
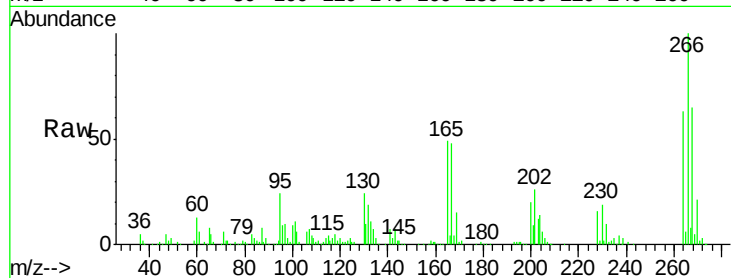
#69
 Pentachlorophenol
 Concen: 49.865 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.3	49.6	74.4

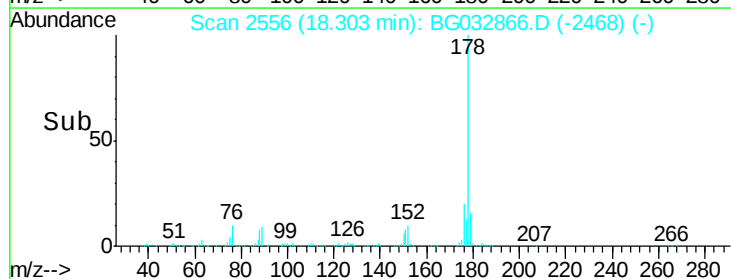
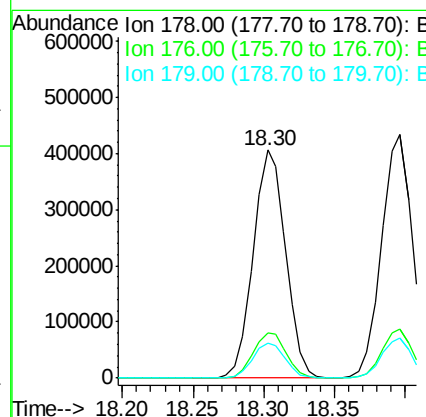
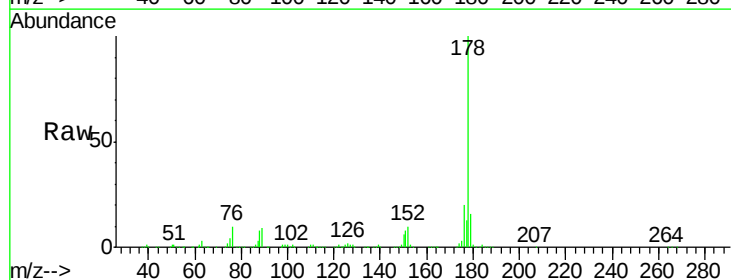
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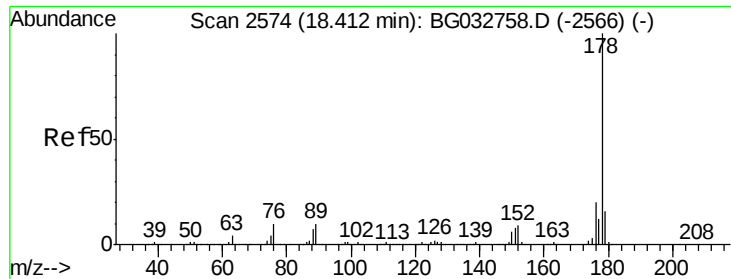
Sohil
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#70
 Phenanthrene
 Concen: 27.961 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.6	12.5	18.7





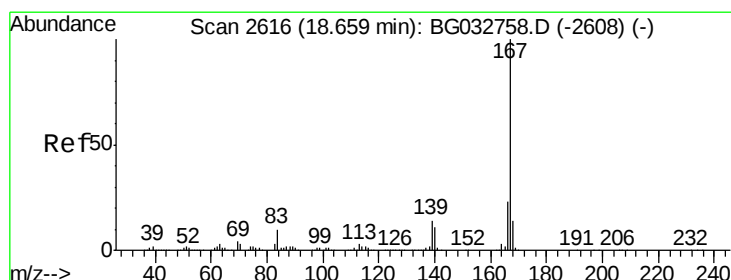
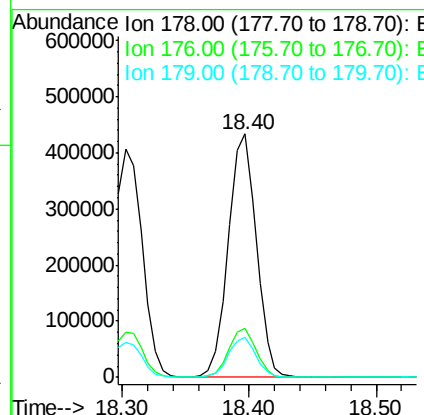
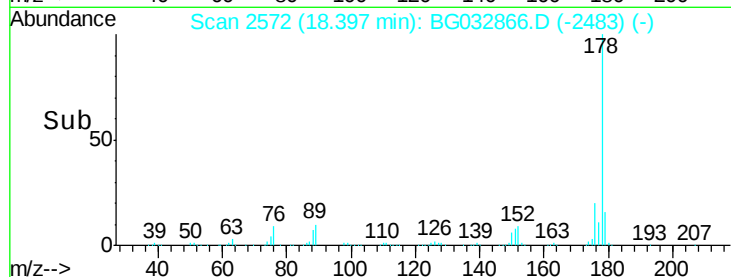
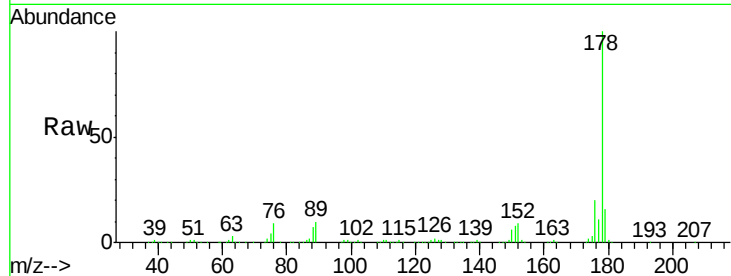
#71
 Anthracene
 Concen: 28.195 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleID :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.4	12.5	18.7

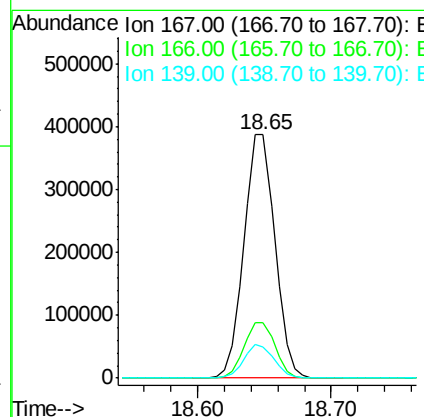
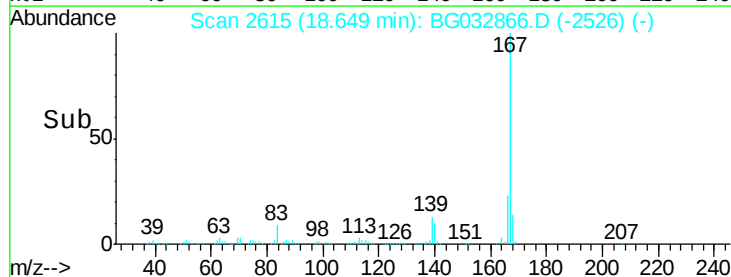
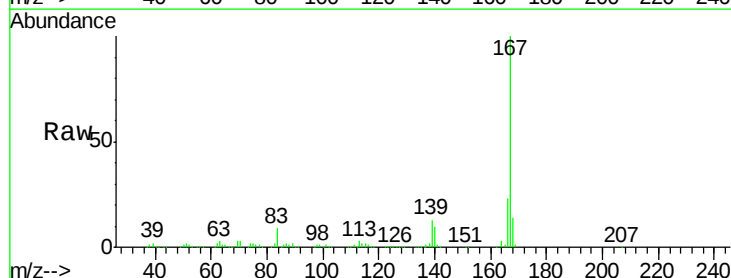
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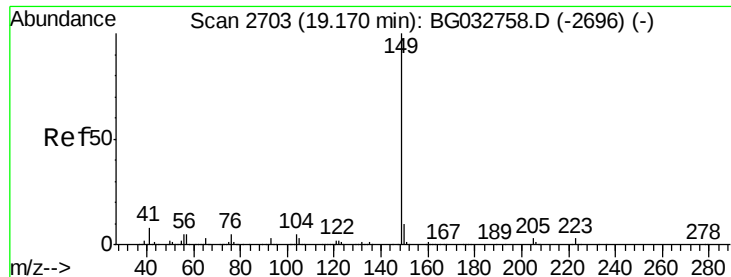
Sohil
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#72
 Carbazole
 Concen: 26.820 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	12.7	9.4	14.2





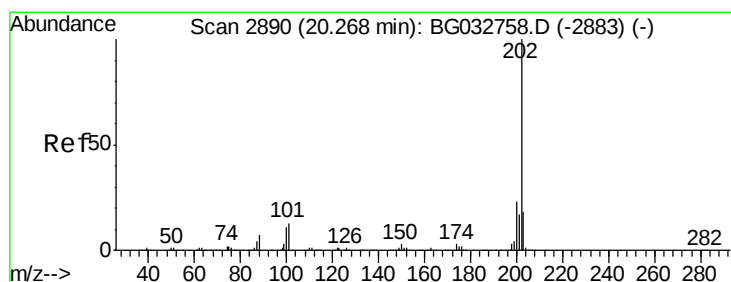
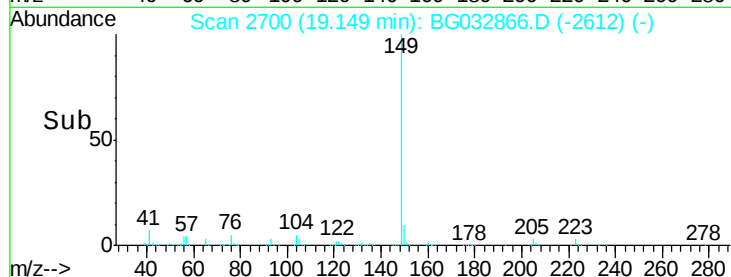
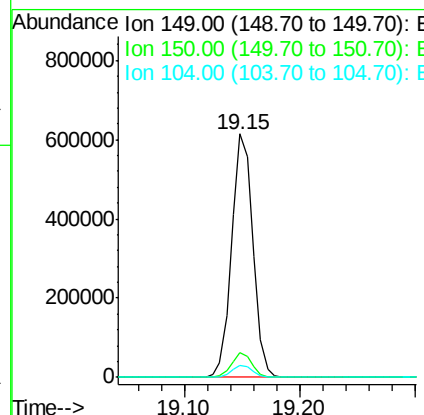
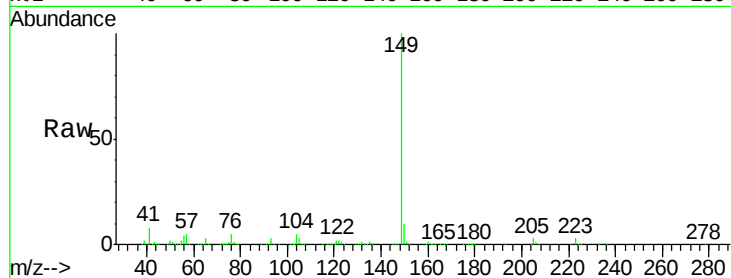
#73
Di-n-butylphthalate
Concen: 27.414 ng
RT: 19.15 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampled :
PB106883BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	4.8	3.9	5.9

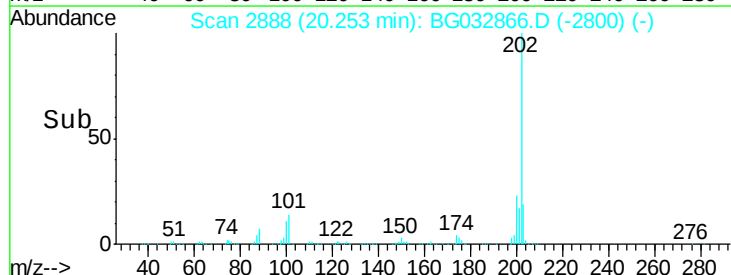
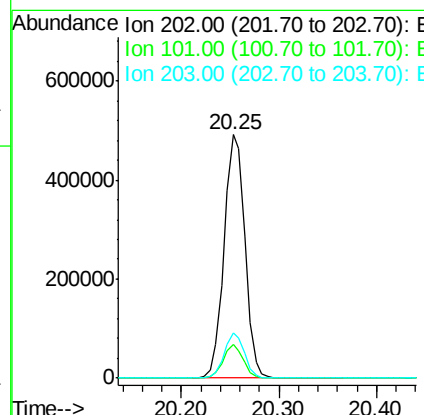
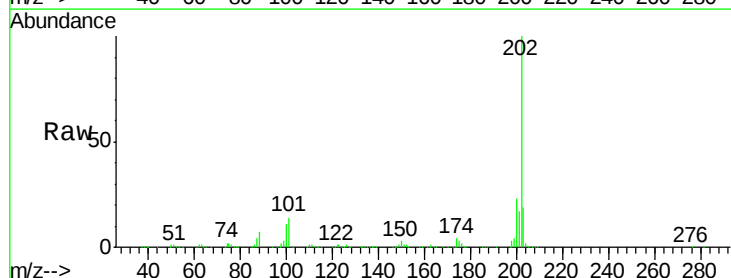
Manual Integrations
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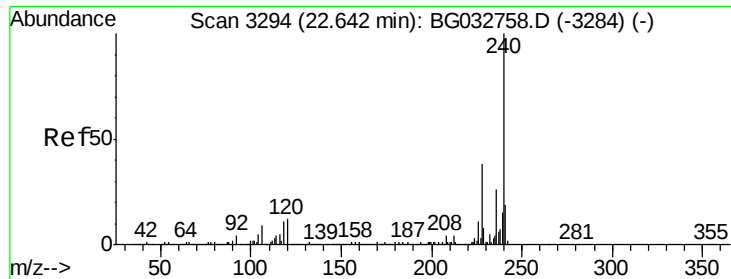
Sohil
2/28/2018 1:01:49 PM



#74
Fluoranthene
Concen: 27.842 ng
RT: 20.25 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

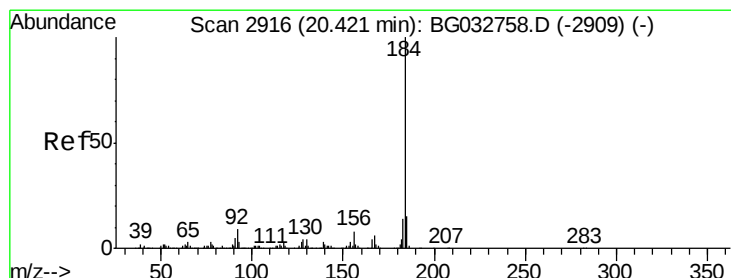
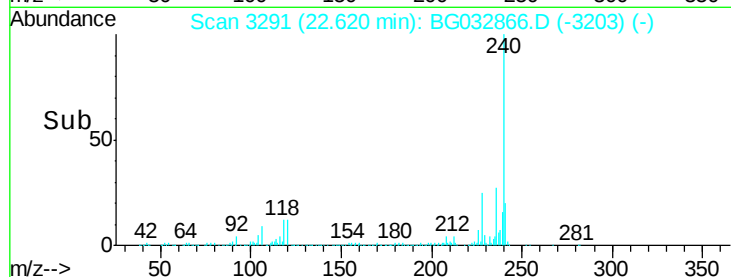
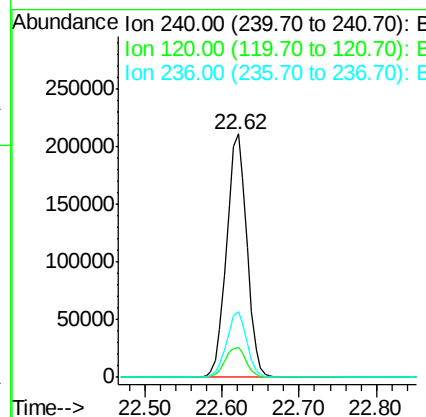
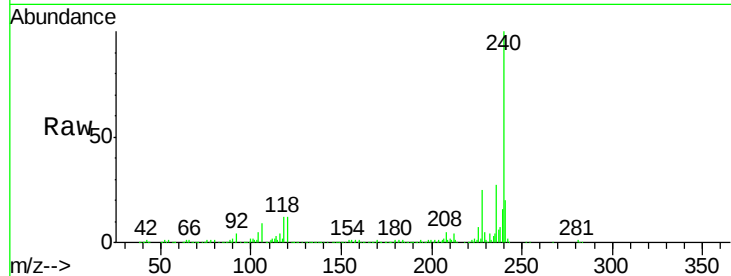
ClientSampled :

PB106883BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	6.8	10.2#
236	27.0	20.9	31.3

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#76

Benzidine

Concen: 13.163 ng

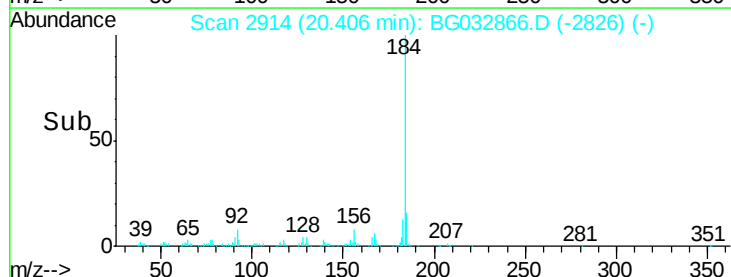
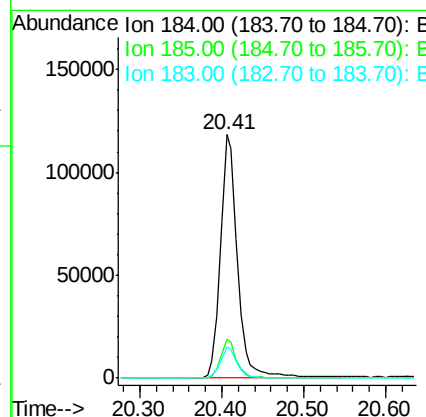
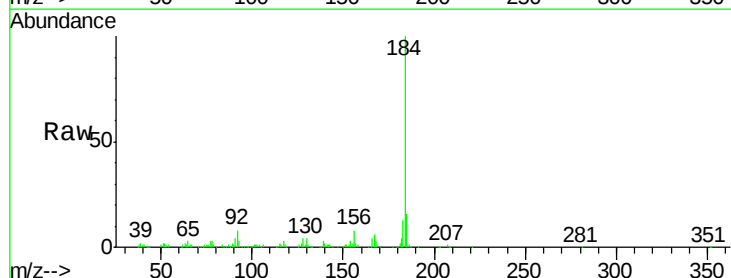
RT: 20.41 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.1	16.7
183	12.9	10.6	16.0





#77

Pvrene

Concen: 26.792 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

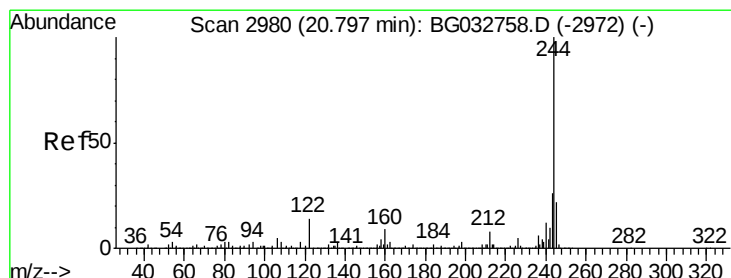
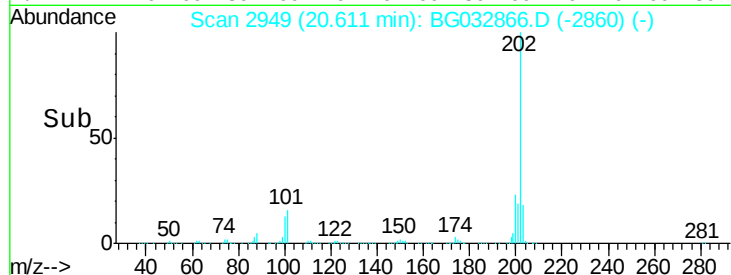
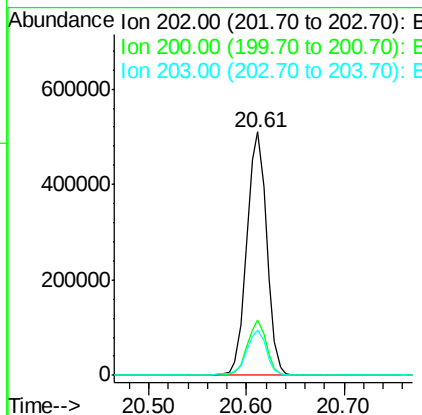
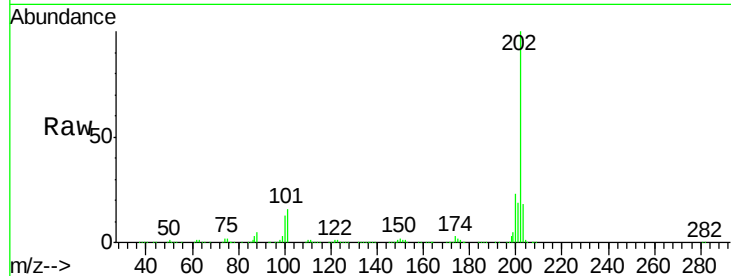
ClientSampleId :

PB106883BS

Tot Ion:	202	Resp:	731131
Ion Ratio		Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.4	13.9	20.9

Manual Integrations
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#78

Terphenyl-d14

Concen: 62.213 ng

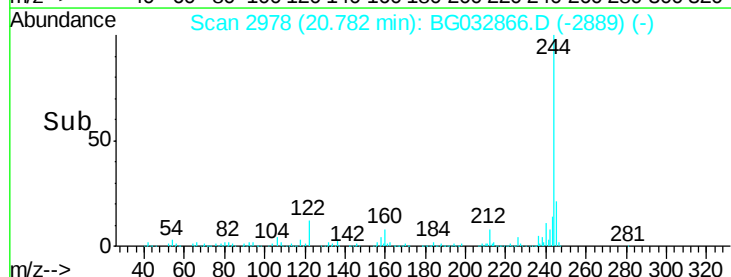
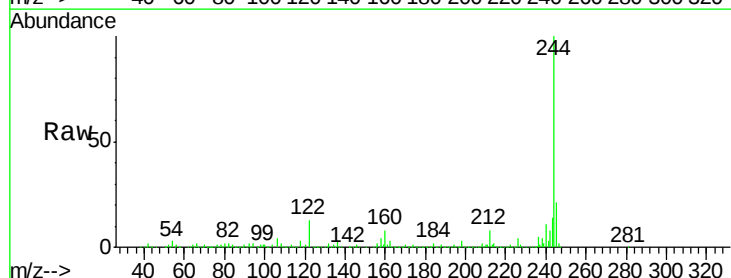
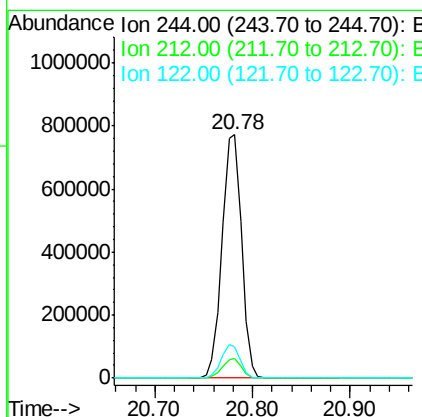
RT: 20.78 min Scan# 2978

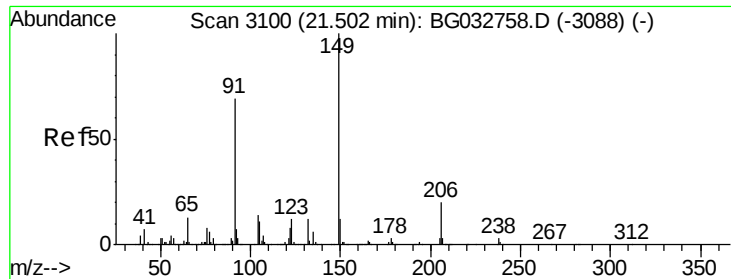
Delta R.T. -0.01 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion:	244	Resp:	1071515
Ion Ratio		Lower	Upper
244	100		
212	7.9	5.8	8.8
122	12.8	7.0	10.4#





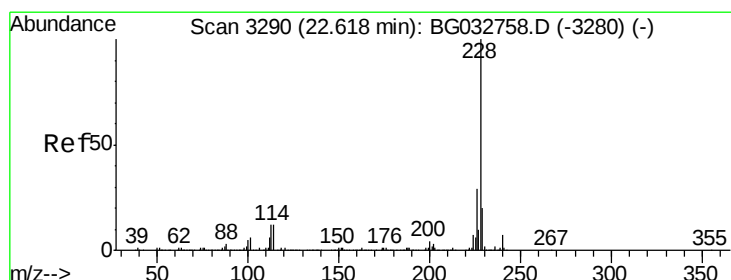
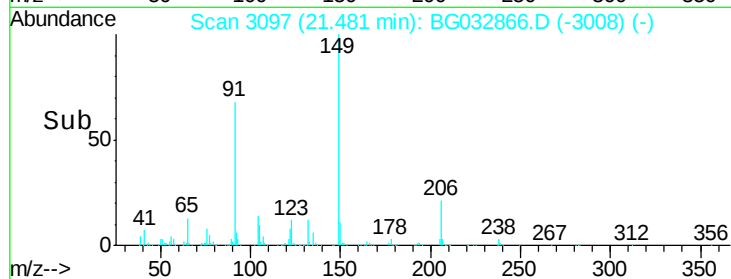
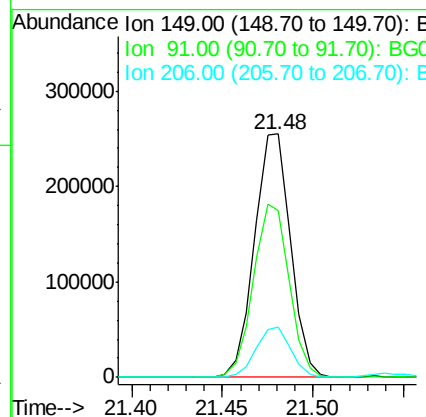
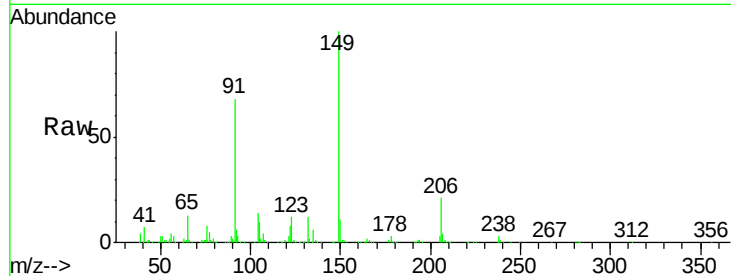
#79
Butylbenzylphthalate
Concen: 29.481 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	62.2	93.2
206	20.6	18.6	27.8

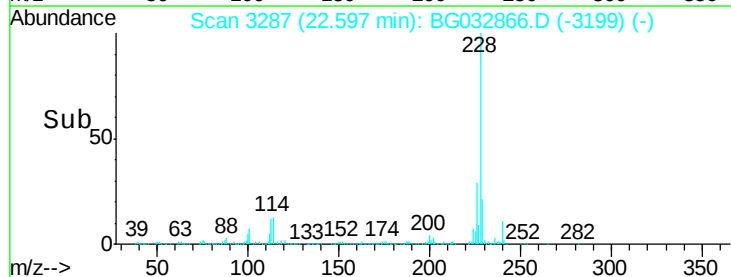
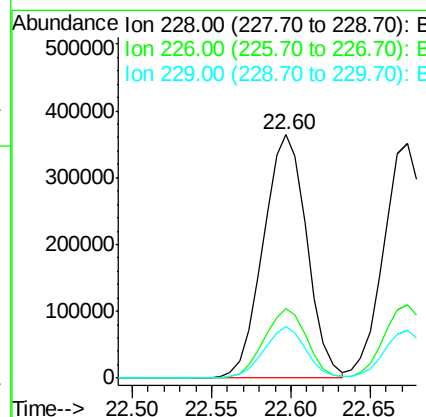
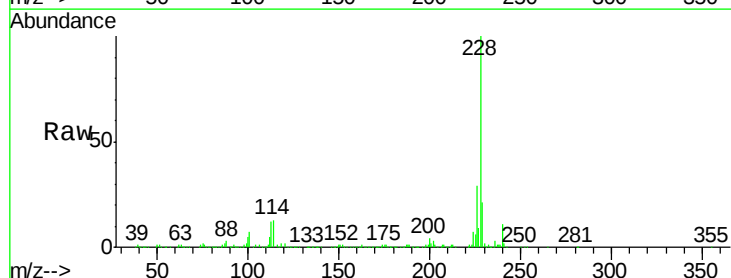
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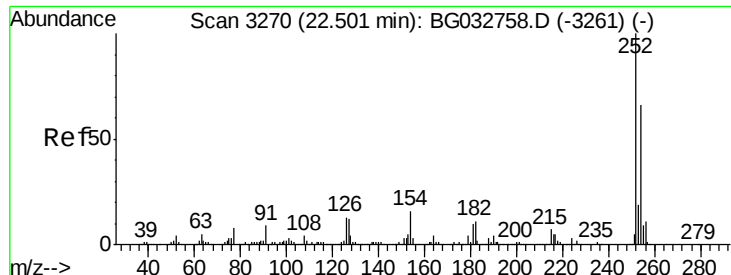
Sohil
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#80
Benzo(a)anthracene
Concen: 28.055 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.1	16.2	24.2





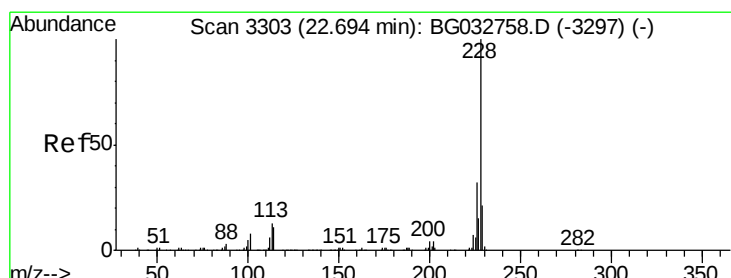
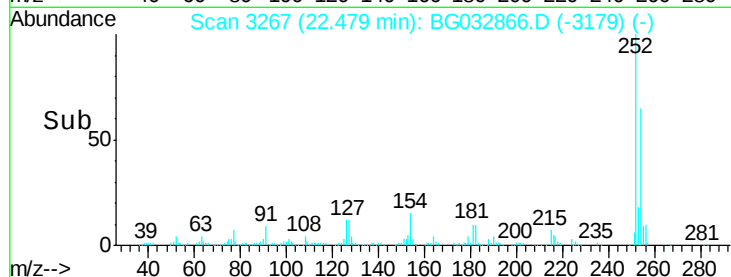
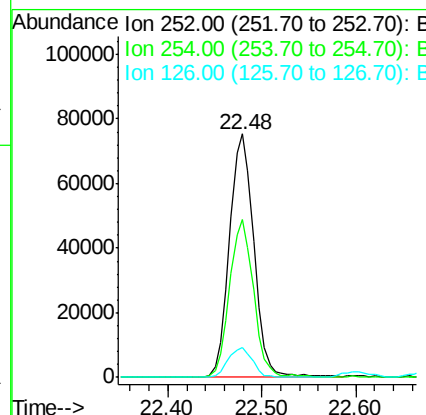
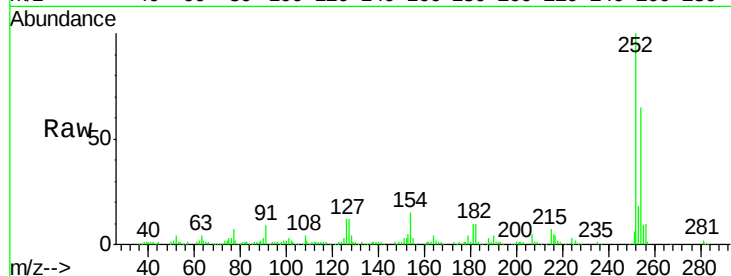
#81
 3,3'-Dichlorobenzidine
 Concen: 14.869 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampled :
 PB106883BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	50.8	76.2
126	12.3	7.4	11.2

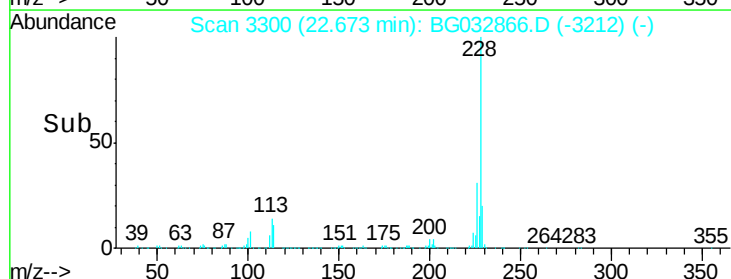
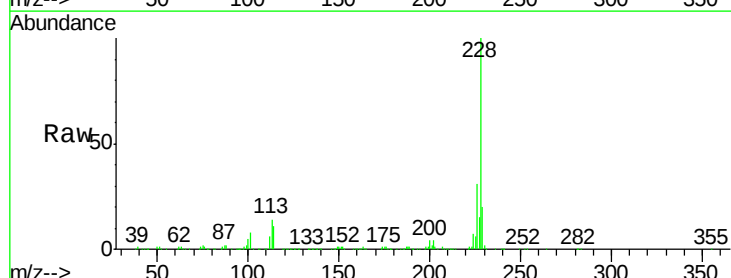
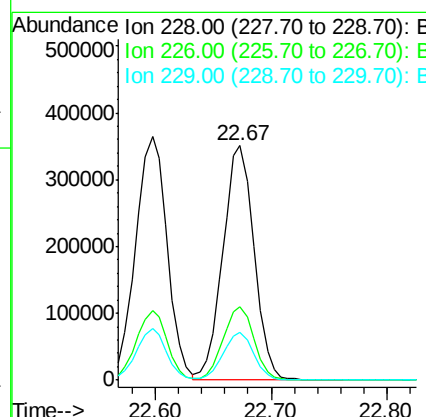
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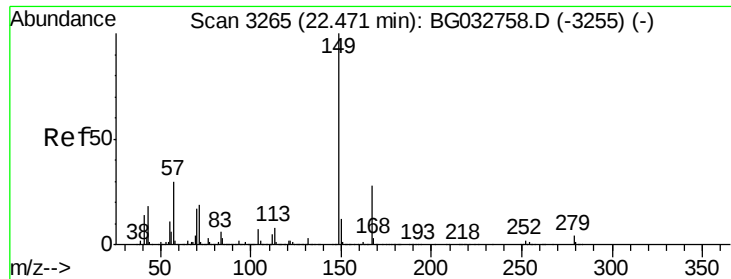
Sohil
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#82
 Chrysene
 Concen: 27.621 ng
 RT: 22.67 min Scan# 3300
 Delta R.T. -0.01 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.5	15.0	22.4





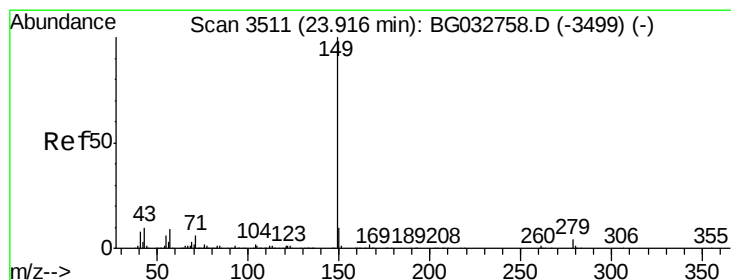
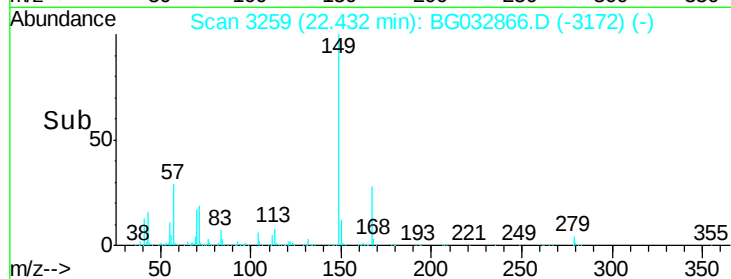
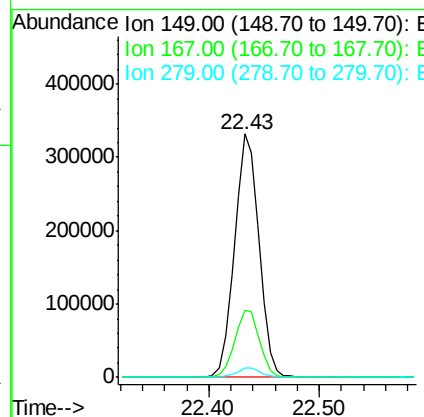
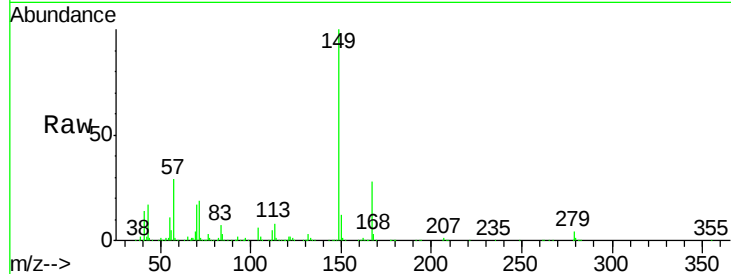
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.811 ng
 RT: 22.43 min Scan# 3259
 Delta R.T. -0.02 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.7	24.3	36.5	
279	3.8	4.0	6.0	

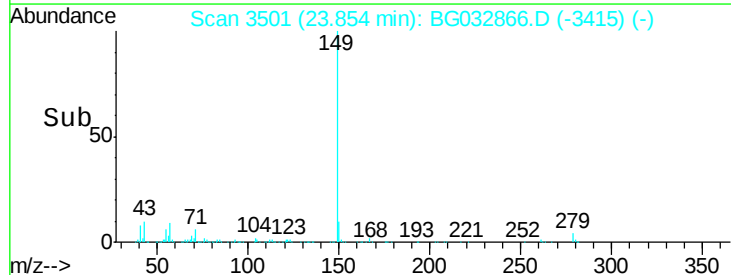
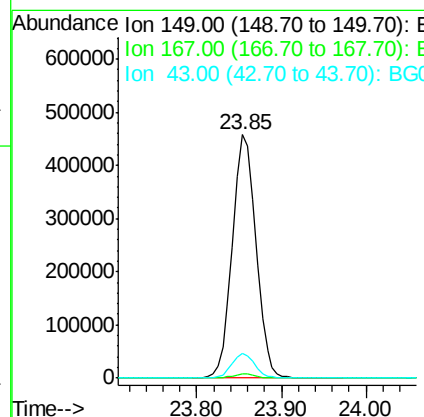
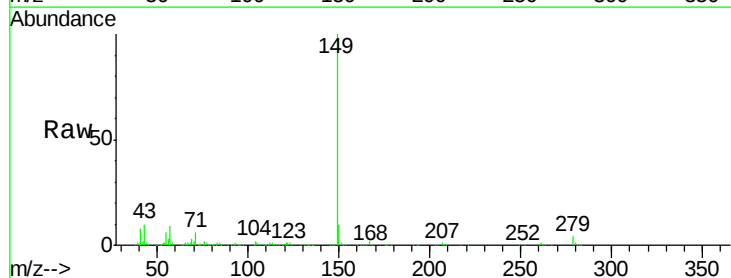
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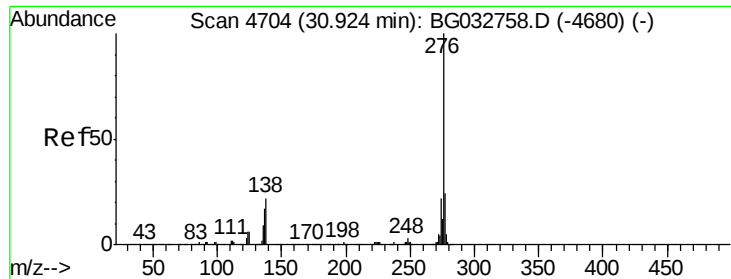
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#84
 Di-n-octyl phthalate
 Concen: 32.293 ng
 RT: 23.85 min Scan# 3501
 Delta R.T. -0.02 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.4	2.0	
43	9.8	8.9	13.3	





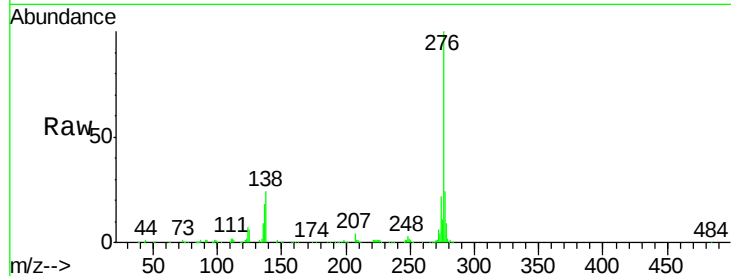
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.012 ng
 RT: 30.86 min Scan# 4693
 Delta R.T. -0.02 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.0	24.0
277	20.9	20.0	30.0

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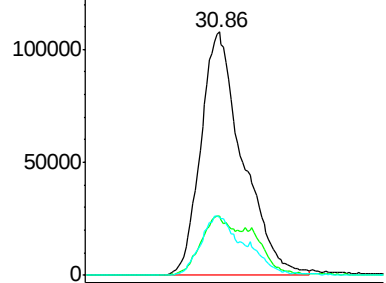


Abundance

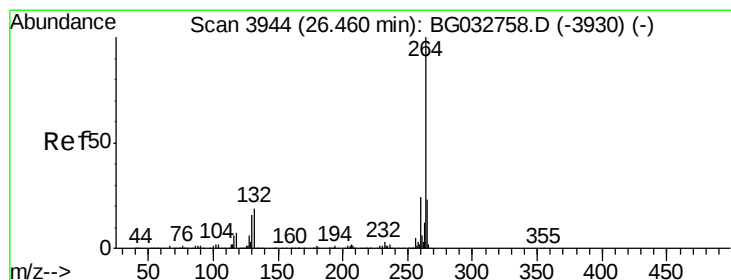
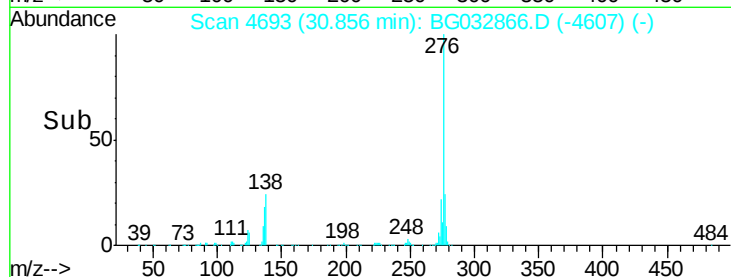
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

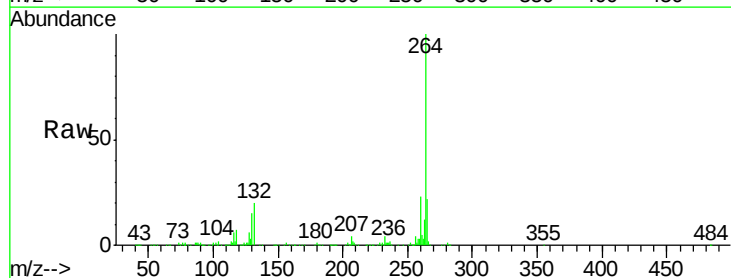


Time-->



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3938
 Delta R.T. -0.02 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.7	17.7	26.5

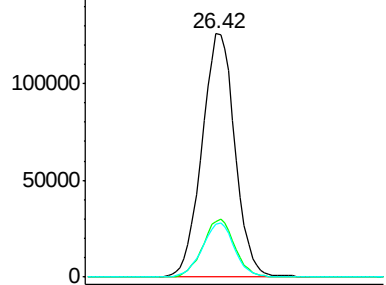


Abundance

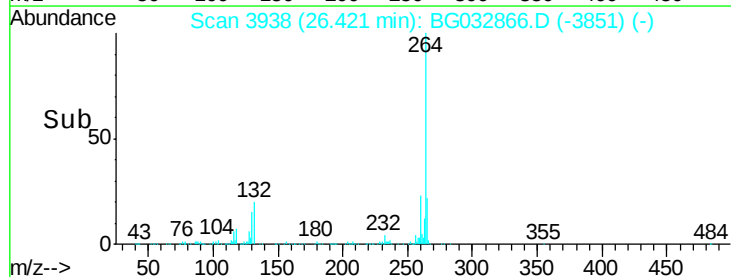
Ion 264.00 (263.70 to 264.70): E

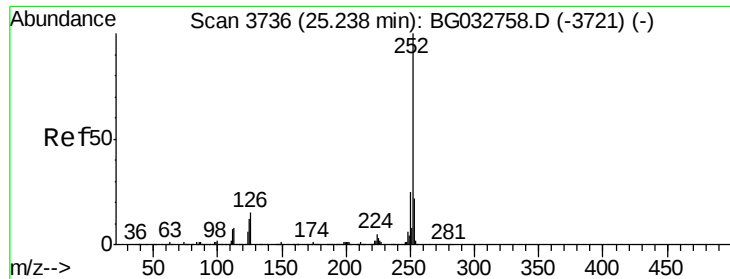
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 27.772 ng

RT: 25.20 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Instrument :

BNA_G

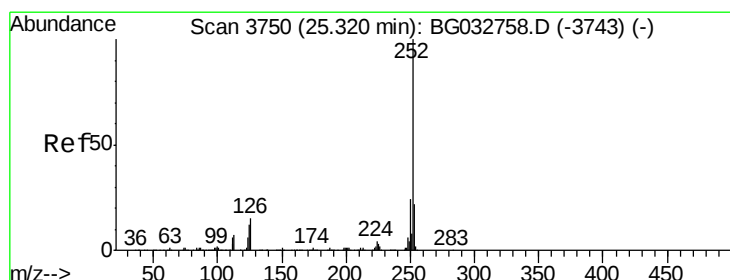
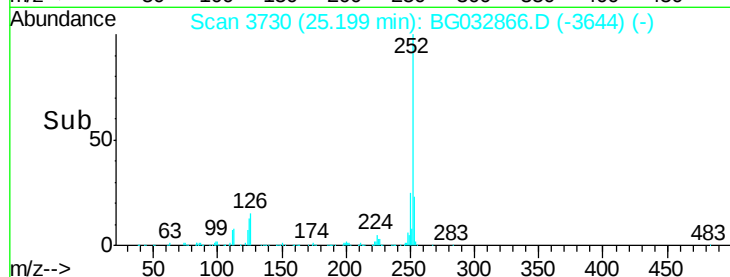
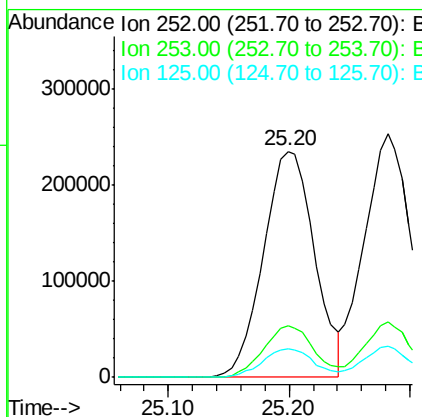
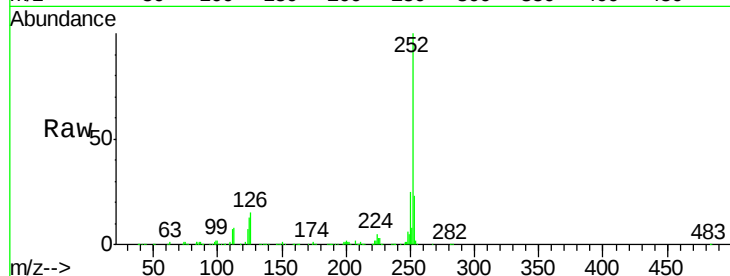
ClientSampleId :

PB106883BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.6	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 27.586 ng

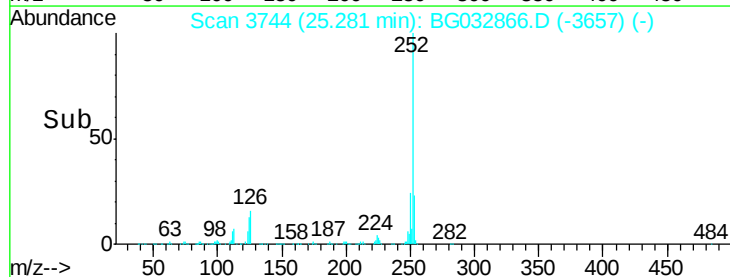
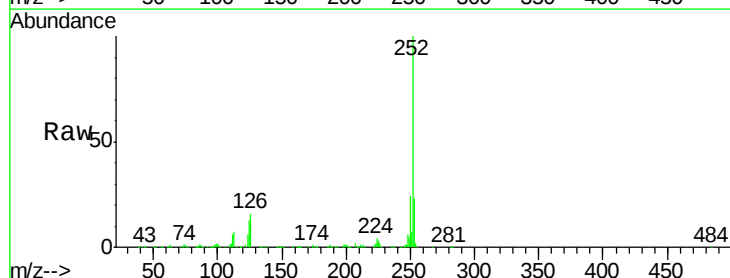
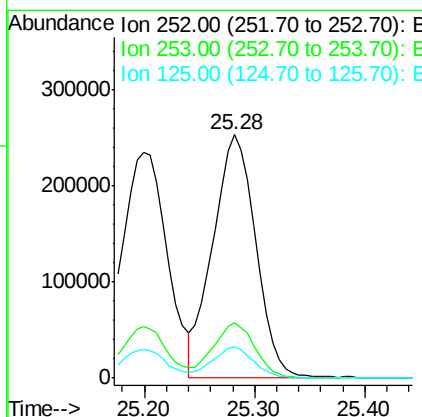
RT: 25.28 min Scan# 3744

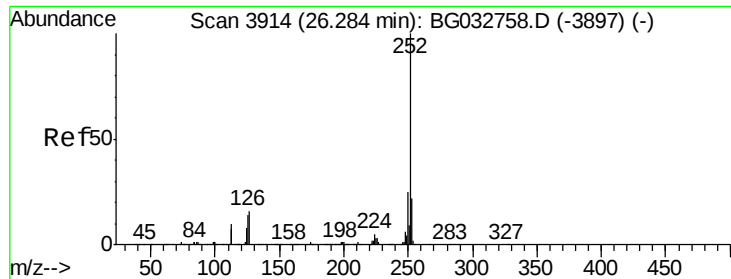
Delta R.T. -0.02 min

Lab File: BG032866.D

Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.7	6.6	9.8





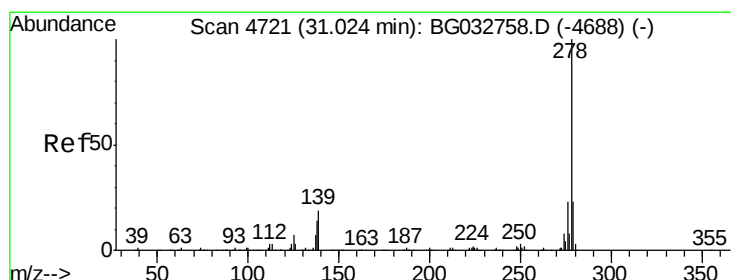
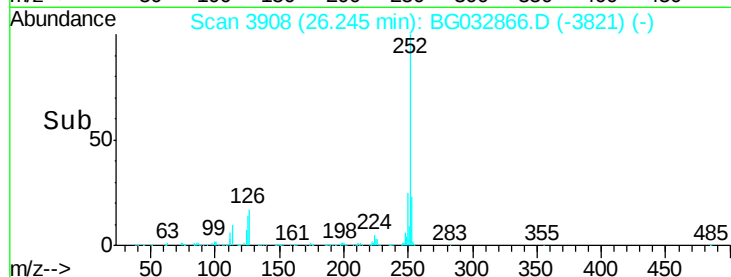
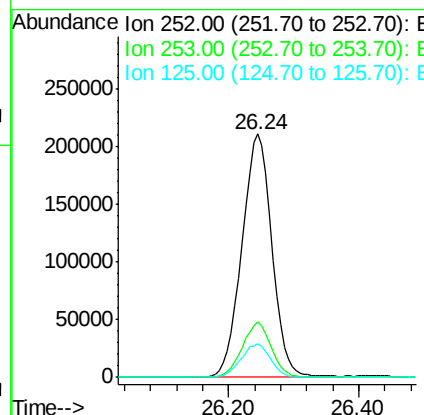
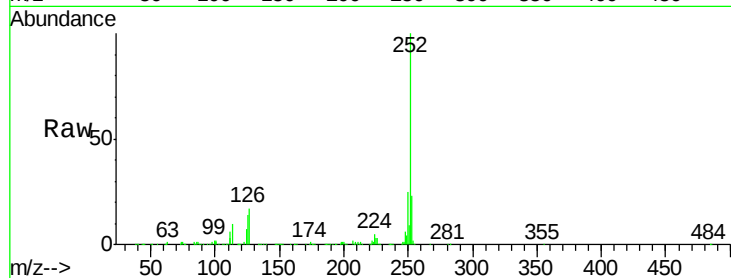
#89
Benzo(a)pyrene
Concen: 28.533 ng
RT: 26.24 min Scan# 3908
Delta R.T. -0.02 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	13.7	7.3	10.9

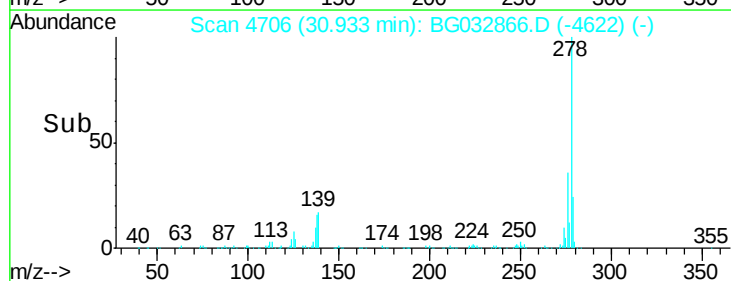
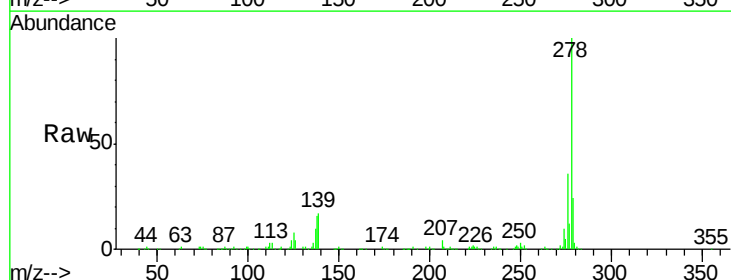
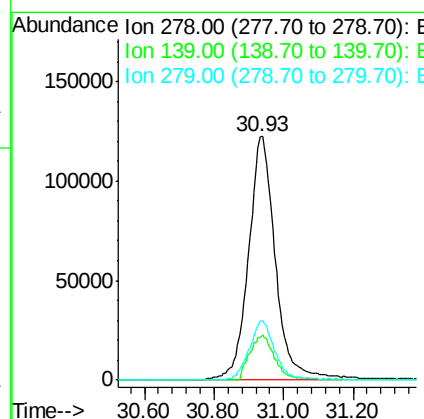
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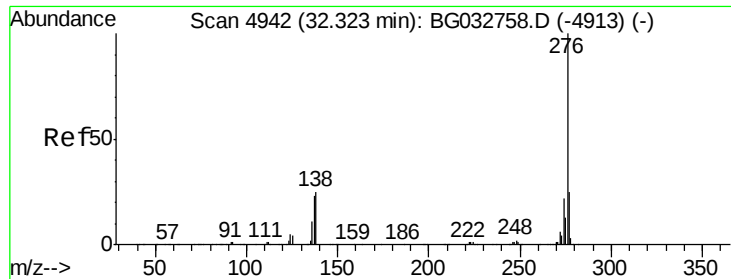
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#90
Dibenzo(a,h)anthracene
Concen: 27.717 ng
RT: 30.93 min Scan# 4706
Delta R.T. -0.03 min
Lab File: BG032866.D
Acq: 27 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	9.8	14.6
279	24.3	18.4	27.6





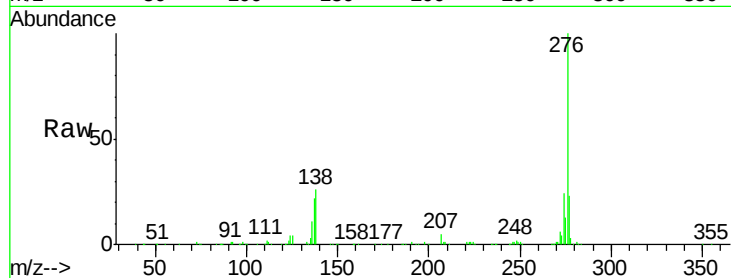
#91
 Benzo(a,h,i)perylene
 Concen: 28.126 ng
 RT: 32.25 min Scan# 4930
 Delta R.T. -0.03 min
 Lab File: BG032866.D
 Acq: 27 Feb 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PB106883BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	26.0	13.9	20.9

Manual Integrations
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 2/28/2018 1:01:49 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

