

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032856.D
 Acq On : 27 Feb 2018 16:02
 Operator : SJ/JU
 Sample : PB106878BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:32 PM

Quant Time: Feb 28 02:59:15 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	8.93	152	70409	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	310346	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	176387	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	396086	20.00	ng	0.00
75) Chrysene-d12	22.63	240	372201	20.00	ng	0.00
86) Perylene-d12	26.44	264	406290	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	408272	92.77	ng	0.00
7) Phenol-d6	8.03	99	539082	87.88	ng	0.00
23) Nitrobenzene-d5	10.13	82	431985	95.24	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	169722	91.51	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	973089	79.57	ng	0.00
78) Terphenyl-d14	20.79	244	1313358	79.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.97	88	72267	37.836	ng	88
3) Pyridine	4.43	79	200669	38.118	ng	94
4) n-Nitrosodimethylamine	4.33	42	98651	46.740	ng	# 94
6) Aniline	8.21	93	134809	16.235	ng	96
8) 2-Chlorophenol	8.47	128	215576	44.752	ng	92
9) Benzaldehyde	8.03	77	88258	24.964	ng	90
10) Phenol	8.05	94	278585	45.051	ng	91
11) bis(2-Chloroethyl)ether	8.31	93	195328	38.629	ng	92
12) 1,3-Dichlorobenzene	8.81	146	215108	38.126	ng	96
13) 1,4-Dichlorobenzene	8.97	146	216903	38.192	ng	98
14) 1,2-Dichlorobenzene	9.30	146	205442	37.749	ng	97
15) Benzyl Alcohol	9.16	79	181852	40.325	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	314729	36.207	ng	97
17) 2-Methylphenol	9.36	107	183303	40.199	ng	95
18) Hexachloroethane	10.06	117	78433	40.562	ng	# 85
19) n-Nitroso-di-n-propylamine	9.74	70	156725	36.189	ng	# 96
20) 3+4-Methylphenols	9.69	107	252975	39.900	ng	94
22) Acetophenone	9.77	105	297134	37.911	ng	# 94
24) Nitrobenzene	10.17	77	218893	44.729	ng	90
25) Isophorone	10.70	82	428941	39.378	ng	96
26) 2-Nitrophenol	10.90	139	105866	56.808	ng	# 86
27) 2,4-Dimethylphenol	10.93	122	229280	48.453	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	266784	42.041	ng	95
29) 2,4-Dichlorophenol	11.44	162	195405	45.498	ng	95
30) 1,2,4-Trichlorobenzene	11.67	180	189404	37.622	ng	98
31) Naphthalene	11.87	128	629884	38.842	ng	99
32) Benzoic acid	11.01	122	85633	33.995	ng	# 78
33) 4-Chloroaniline	11.95	127	121455	16.750	ng	95
34) Hexachlorobutadiene	12.13	225	101280	35.866	ng	96
35) Caprolactam	12.70	113	80017	46.530	ng	# 84
36) 4-Chloro-3-methylphenol	13.01	107	229277	45.875	ng	89
37) 2-Methylnaphthalene	13.41	142	464495	39.591	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	192327	36.731	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	240716	90.206	ng	92

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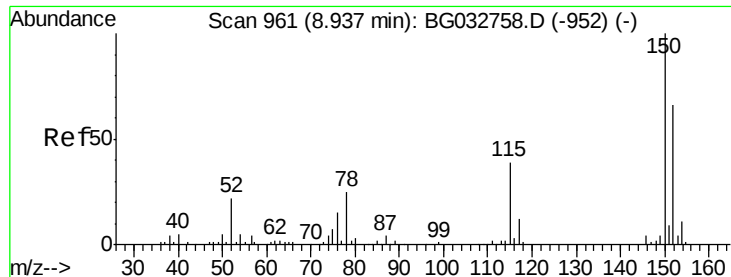
Manual Integrations
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 2/28/2018 1:01:32 PM

Quant Time: Feb 28 02:59:15 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)
42) 2,4,6-Trichlorophenol	13.99	196	148046	44.834	nq	98
43) 2,4,5-Trichlorophenol	14.06	196	163206	42.704	nq	# 97
45) 1,1'-Biphenyl	14.38	154	575003	37.305	nq	94
46) 2-Chloronaphthalene	14.44	162	438836	38.114	nq	99
47) 2-Nitroaniline	14.62	65	145454	49.664	nq	91
48) Acenaphthylene	15.27	152	716454	38.007	nq	99
49) Dimethylphthalate	14.97	163	565895	37.785	nq	100
50) 2,6-Dinitrotoluene	15.09	165	125132	50.019	nq	89
51) Acenaphthene	15.60	154	448756	38.225	nq	98
52) 3-Nitroaniline	15.42	138	87726	31.654	nq	# 82
53) 2,4-Dinitrophenol	15.62	184	37055	54.379	nq	# 1
54) Dibenzofuran	15.93	168	659359	39.444	nq	94
55) 4-Nitrophenol	15.69	139	218127	88.147	nq	# 81
56) 2,4-Dinitrotoluene	15.87	165	175215	57.369	nq	# 84
57) Fluorene	16.57	166	537705	38.973	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	137738m	46.420	nq	
59) Diethylphthalate	16.30	149	602831	38.162	nq	97
60) 4-Chlorophenyl-phenylether	16.55	204	260960	38.665	nq	93
61) 4-Nitroaniline	16.57	138	139161	43.481	nq	81
62) Azobenzene	16.84	77	550452	38.951	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	47930	43.424	nq	98
65) n-Nitrosodiphenylamine	16.76	169	498969	38.724	nq	97
66) 4-Bromophenyl-phenylether	17.44	248	157433	37.590	nq	# 90
67) Hexachlorobenzene	17.57	284	165047	36.466	nq	# 91
68) Atrazine	17.68	200	172858	40.755	nq	95
69) Pentachlorophenol	17.90	266	192419	67.495	nq	99
70) Phenanthrene	18.31	178	855415	38.711	nq	98
71) Anthracene	18.40	178	877893	39.572	nq	98
72) Carbazole	18.65	167	833803	38.131	nq	97
73) Di-n-butylphthalate	19.16	149	1038890	38.727	nq	99
74) Fluoranthene	20.26	202	967638	39.641	nq	94
76) Benzidine	20.41	184	260366	20.522	nq	98
77) Pyrene	20.61	202	974873	37.141	nq	96
79) Butylbenzylphthalate	21.48	149	484658	41.647	nq	92
80) Benzo(a)anthracene	22.61	228	929522	38.945	nq	99
81) 3,3'-Dichlorobenzidine	22.49	252	185486	20.983	nq	# 99
82) Chrysene	22.68	228	874819	38.370	nq	97
83) Bis(2-ethylhexyl)phthalate	22.44	149	691728	40.156	nq	# 96
84) Di-n-octyl phthalate	23.87	149	1201747	45.769	nq	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1067258	40.139	nq	97
87) Benzo(b)fluoranthene	25.21	252	949950	39.544	nq	# 96
88) Benzo(k)fluoranthene	25.30	252	912300	38.212	nq	# 95
89) Benzo(a)pyrene	26.26	252	913552	39.982	nq	# 95
90) Dibenzo(a,h)anthracene	30.96	278	895987	38.958	nq	# 93
91) Benzo(g,h,i)perylene	32.27	276	891799	39.335	nq	# 91

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



#1

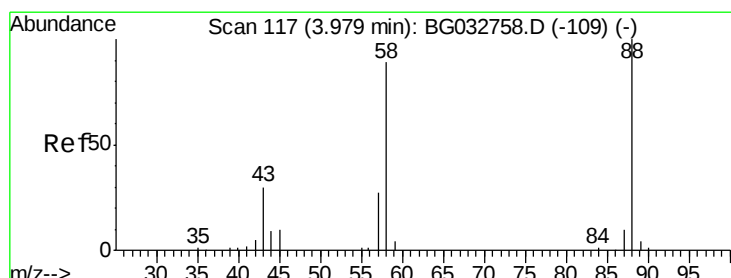
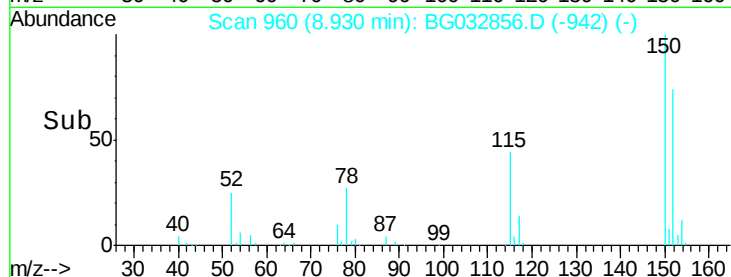
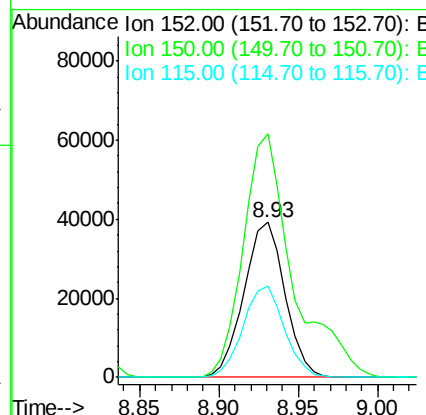
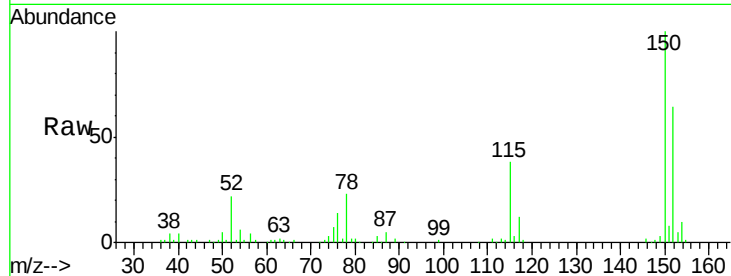
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	59.2	53.0	79.4

Manual Integrations
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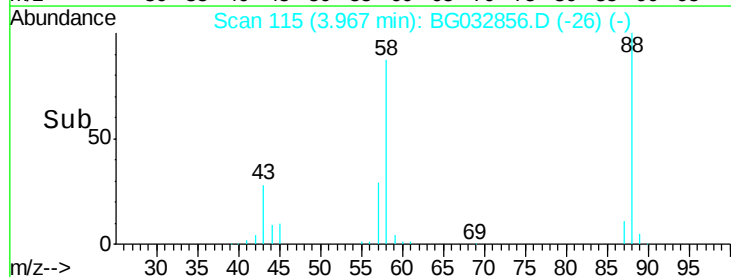
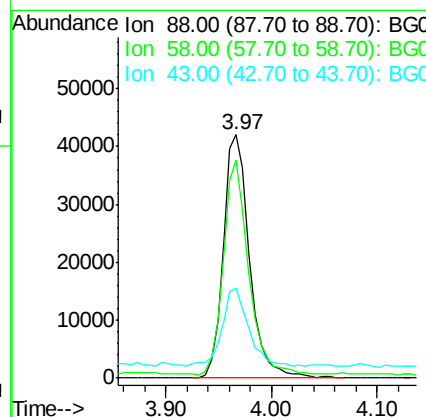
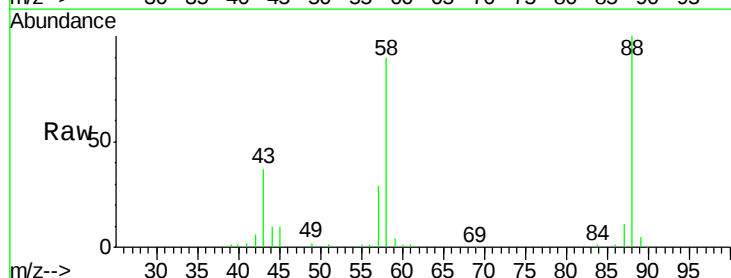
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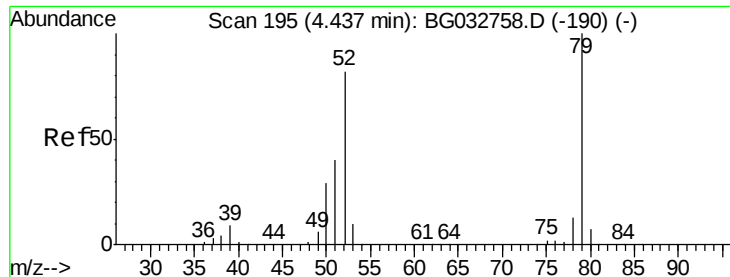


#2

1,4-Dioxane
Concen: 37.836 ng
RT: 3.97 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	79.6	119.4
43	32.3	27.4	41.0





#3

Pvridine

Concen: 38.118 ng

RT: 4.43 min Scan# 194

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

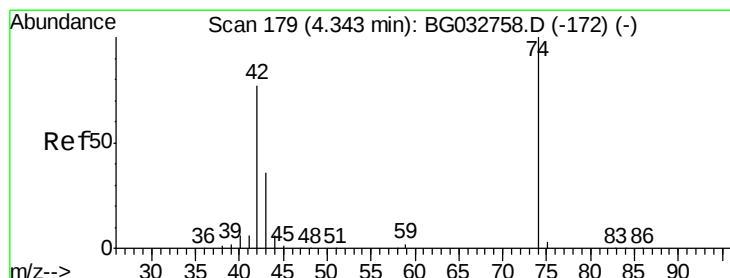
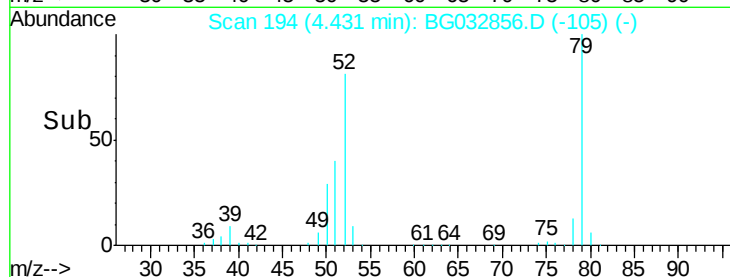
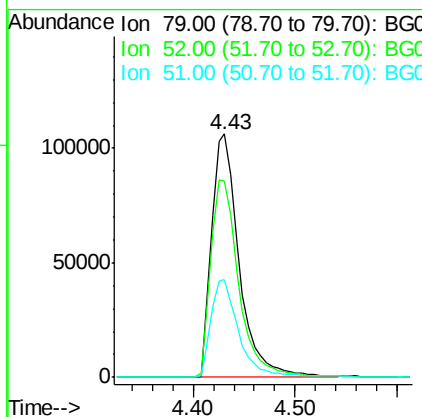
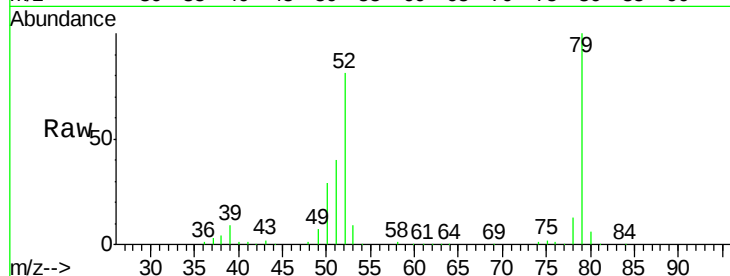
ClientSampled :

PB106878BS

Tot Ion:	79	Resp:	200669
Ion	Ratio	Lower	Upper
79	100		
52	80.5	69.9	104.9
51	40.4	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.740 ng

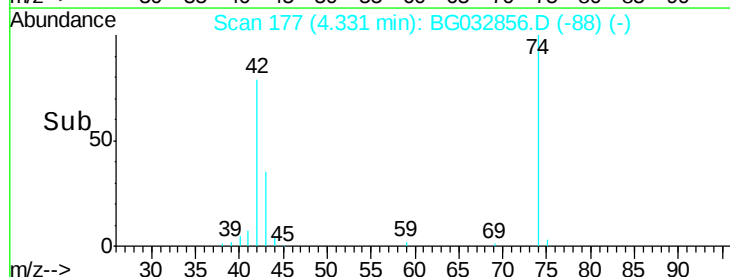
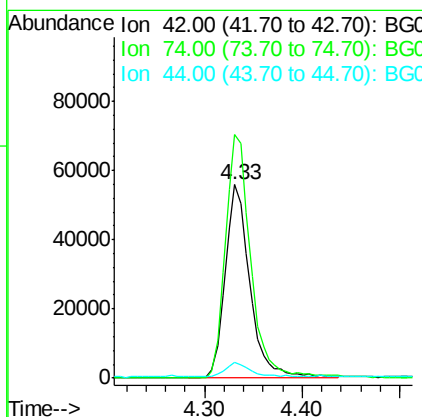
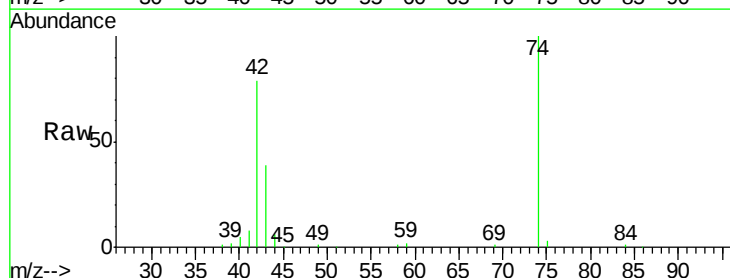
RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	42	Resp:	98651
Ion	Ratio	Lower	Upper
42	100		
74	126.1	102.5	153.7
44	7.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 92.769 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

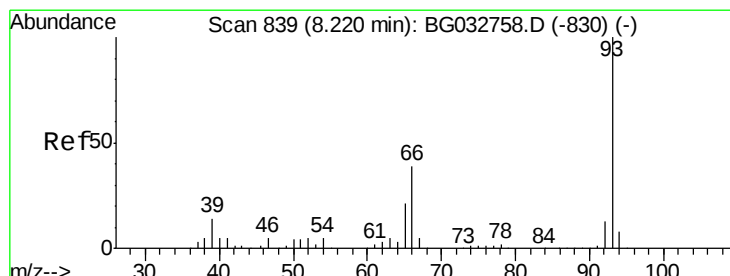
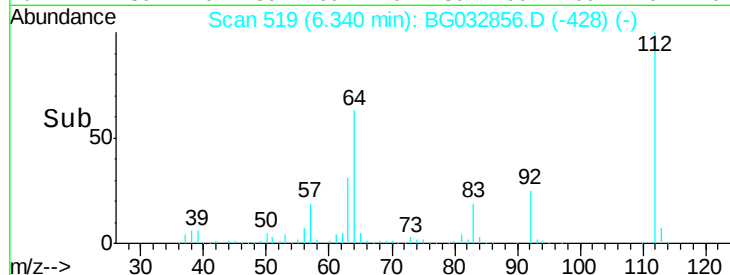
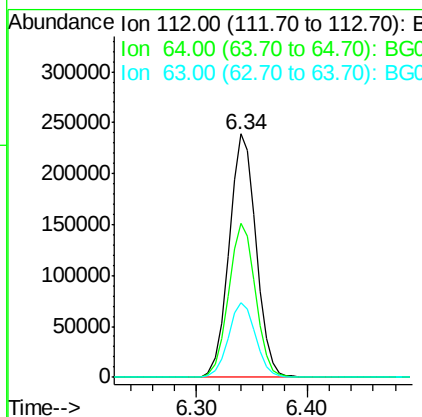
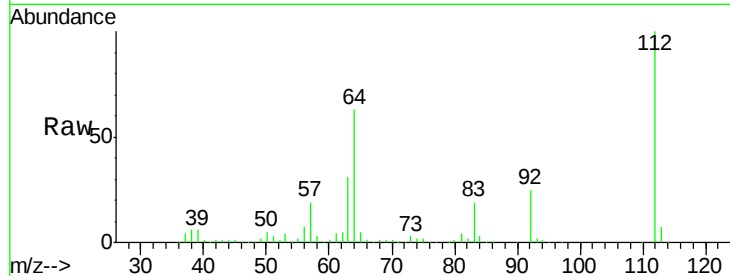
ClientSampleId :

PB106878BS

Tot Ion:	112	Resp:	408272
Ion Ratio	Lower	Upper	
112	100		
64	63.2	56.3	84.5
63	30.9	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 16.235 ng

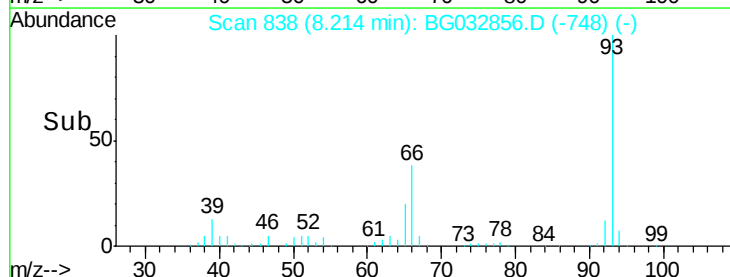
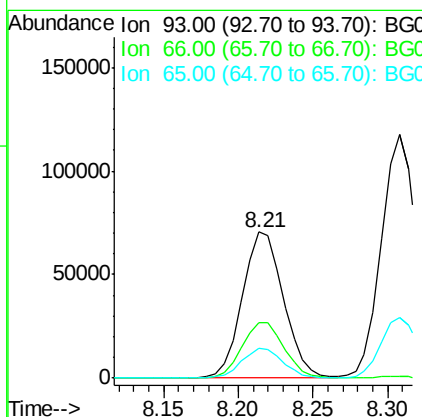
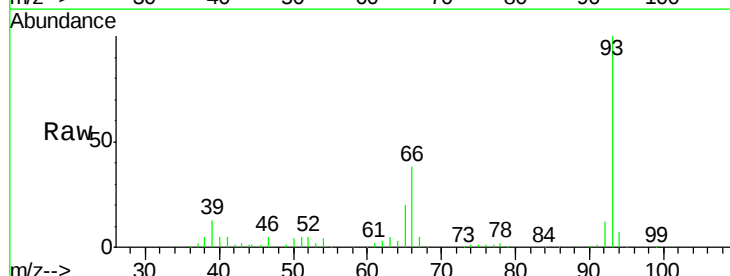
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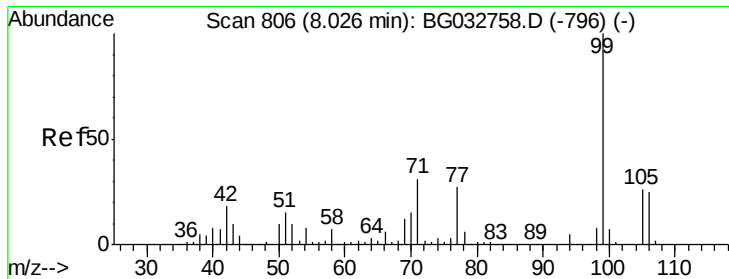
Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	93	Resp:	134809
Ion Ratio	Lower	Upper	
93	100		
66	38.5	33.7	50.5
65	20.4	16.1	24.1





#7

Phenol-d6

Concen: 87.880 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

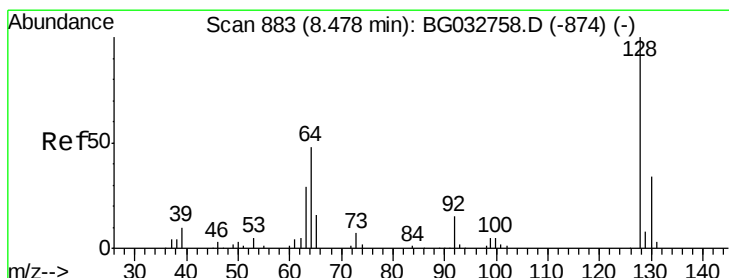
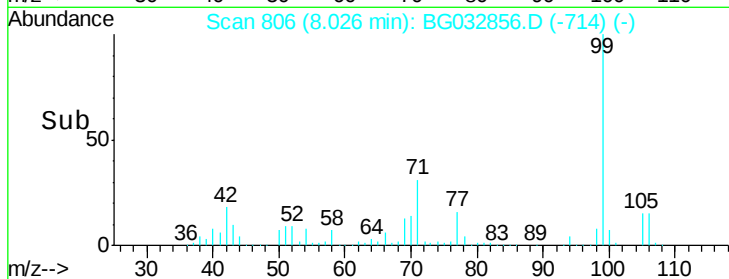
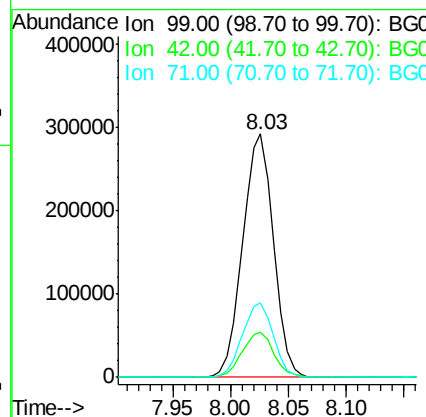
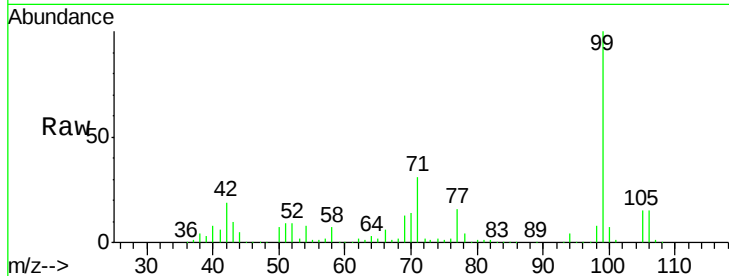
ClientSampleId :

PB106878BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		539082		
42	18.5	14.1	21.1		
71	30.8	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.752 ng

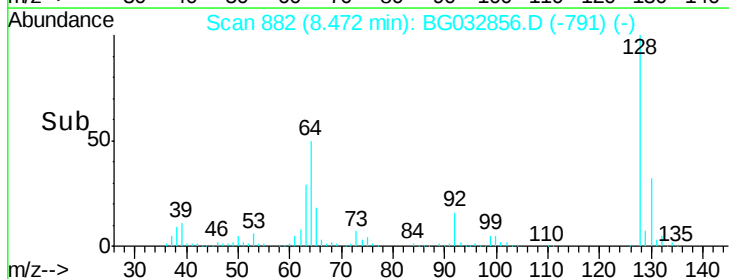
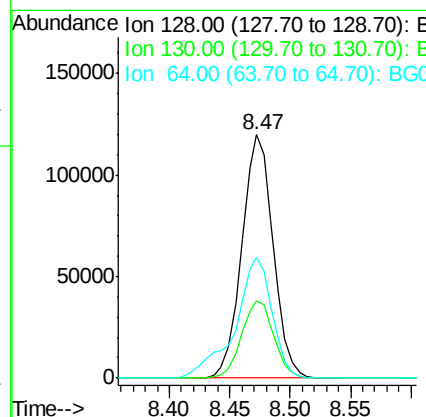
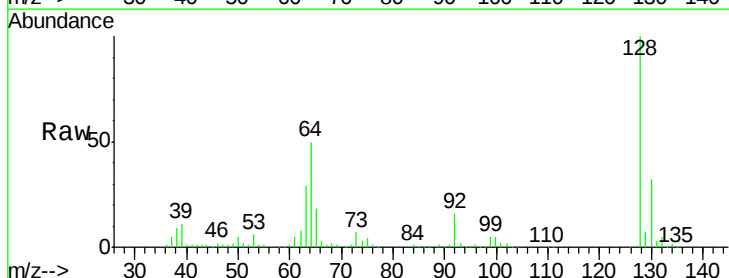
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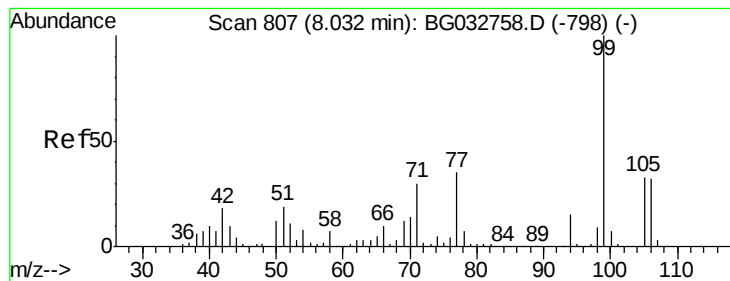
Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		215576		
130	31.8	14.0	54.0		
64	49.5	37.7	77.7		





#9

Benzaldehyde

Concen: 24.964 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

PB106878BS

Tot Ion: 77 Resp: 88258

Ion Ratio Lower Upper

77 100

105 95.9 71.3 111.3

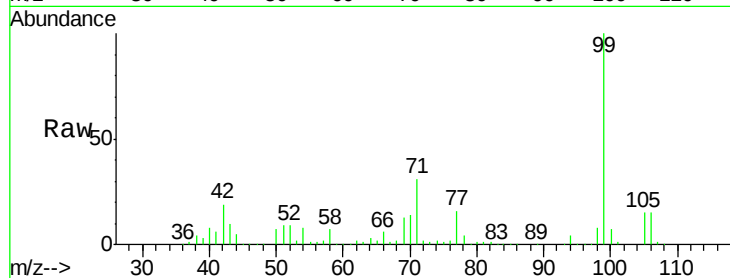
106 98.1 64.2 104.2

Manual Integrations

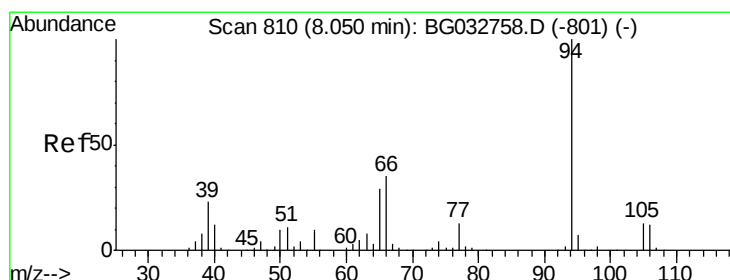
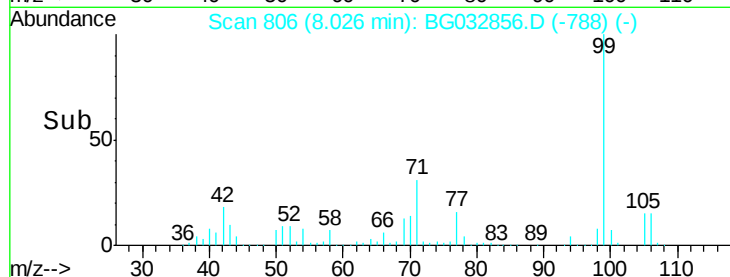
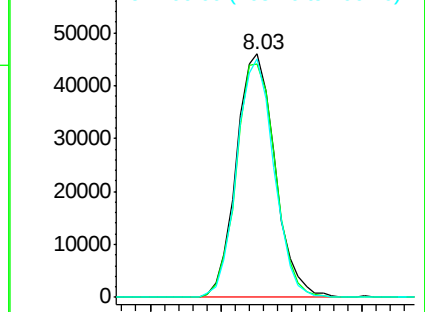
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.051 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

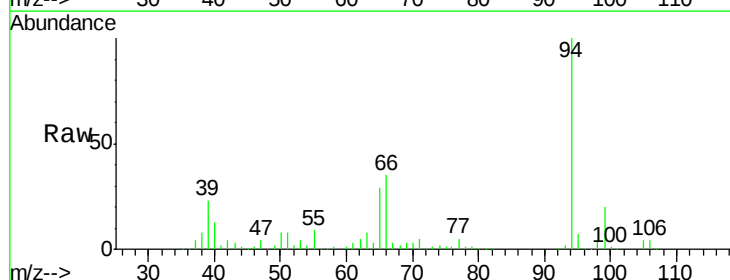
Tgt Ion: 94 Resp: 278585

Ion Ratio Lower Upper

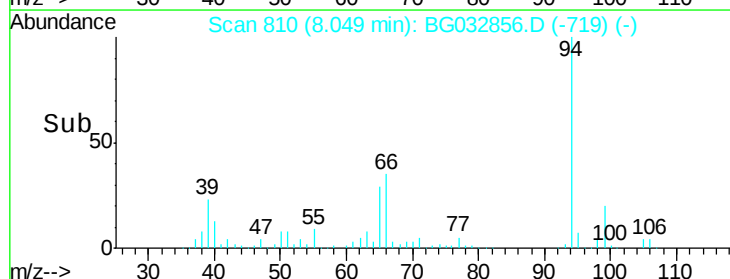
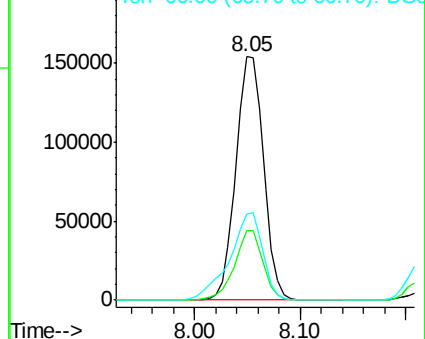
94 100

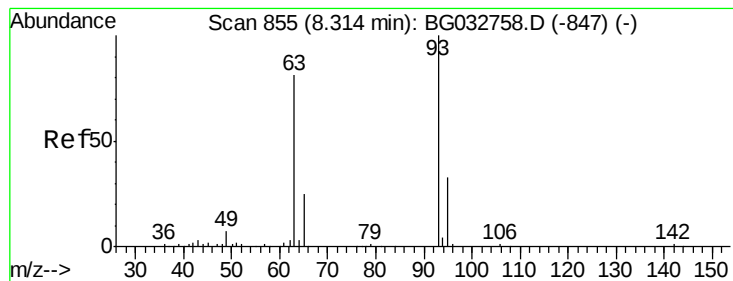
65 28.7 11.9 51.9

66 35.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





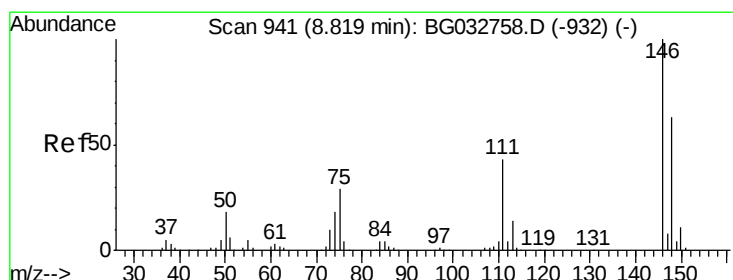
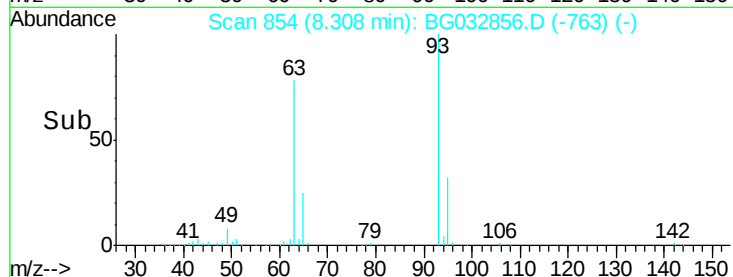
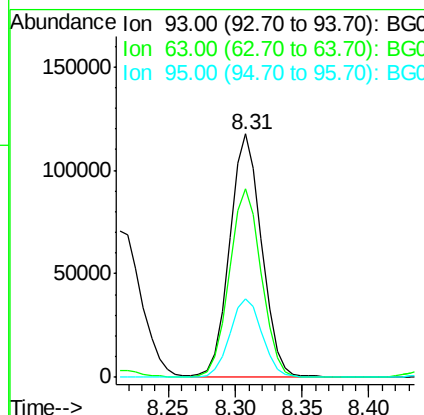
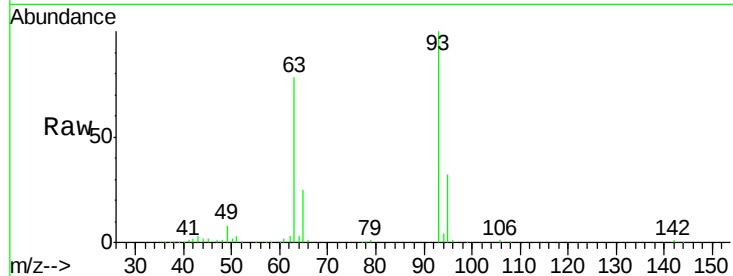
#11
bis(2-Chloroethyl)ether
Concen: 38.629 ng
RT: 8.31 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	67.1	107.1
95	32.4	11.5	51.5

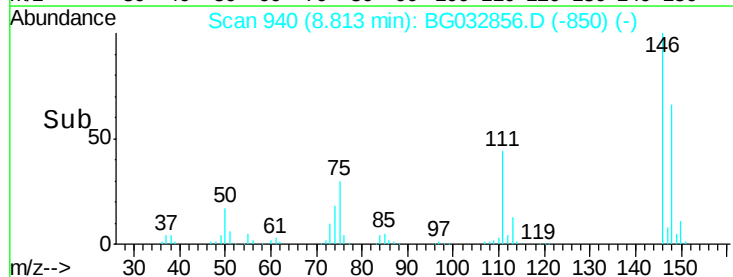
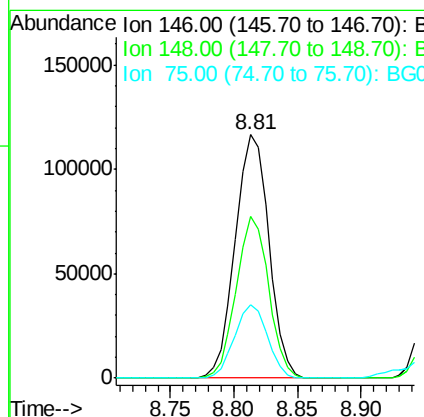
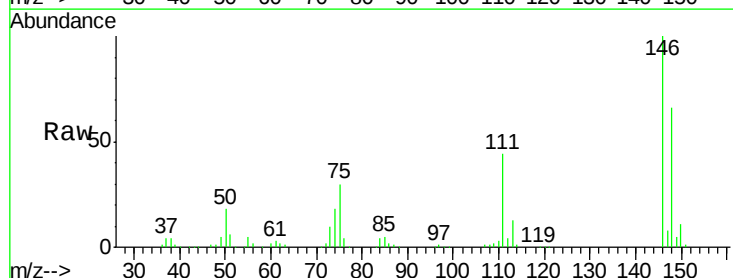
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#12
1,3-Dichlorobenzene
Concen: 38.126 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.4	77.2
75	30.1	26.6	39.8





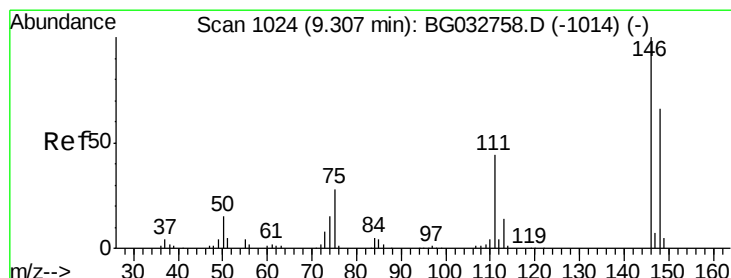
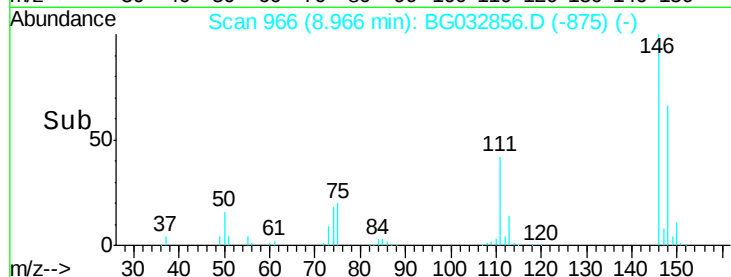
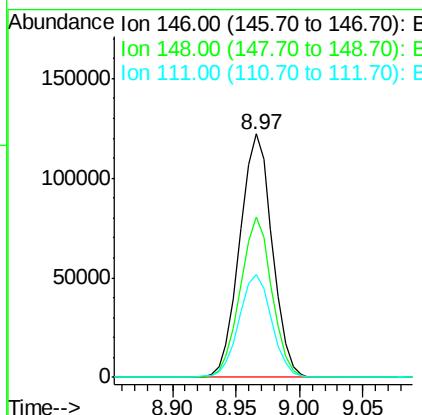
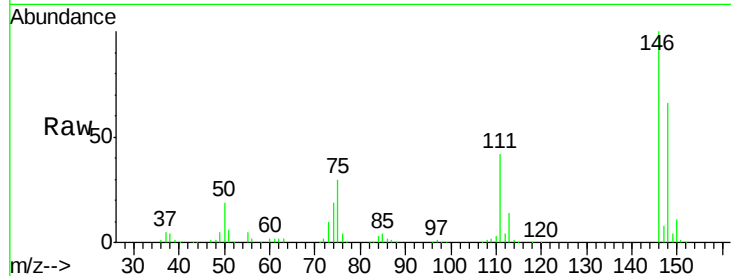
#13
 1,4-Dichlorobenzene
 Concen: 38.192 ng
 RT: 8.97 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	42.3	35.2	52.8

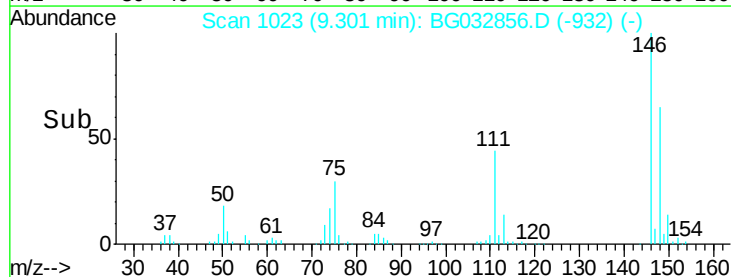
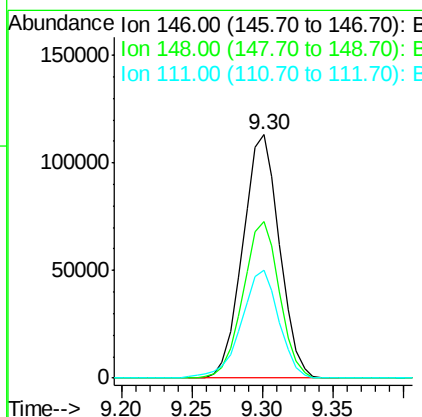
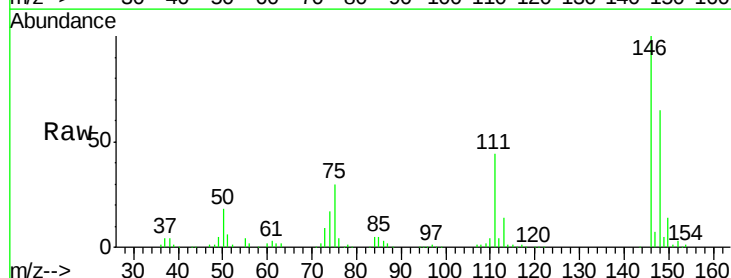
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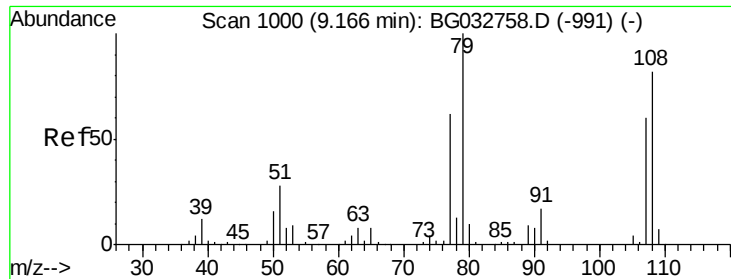
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 2/28/2018 1:01:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.749 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.3	73.9
111	44.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.325 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

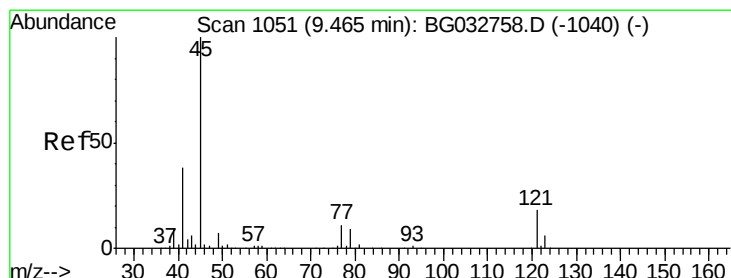
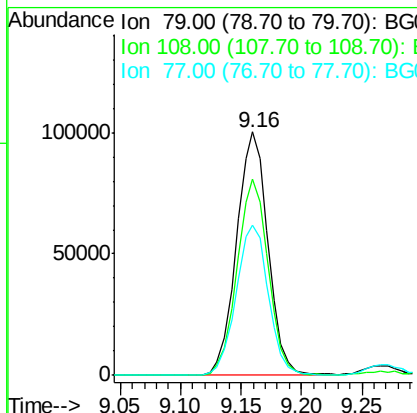
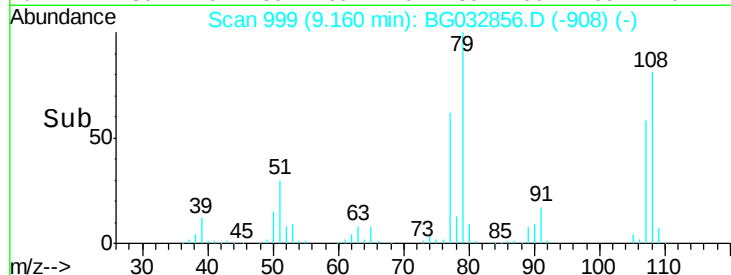
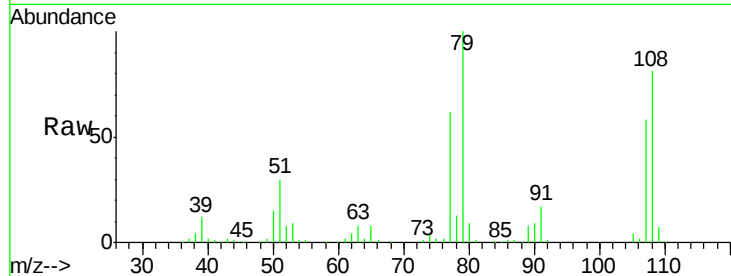
ClientSampleId :

PB106878BS

Tot Ion:	79	Resp:	181852
Ion Ratio	Lower	Upper	
79	100		
108	80.6	57.2	85.8
77	61.8	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.207 ng

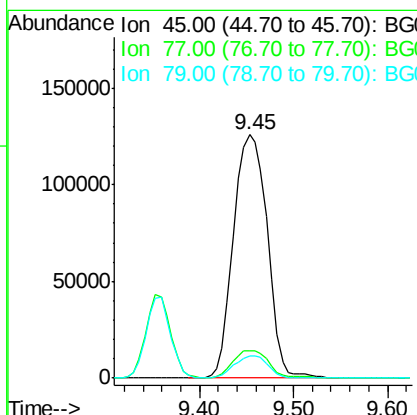
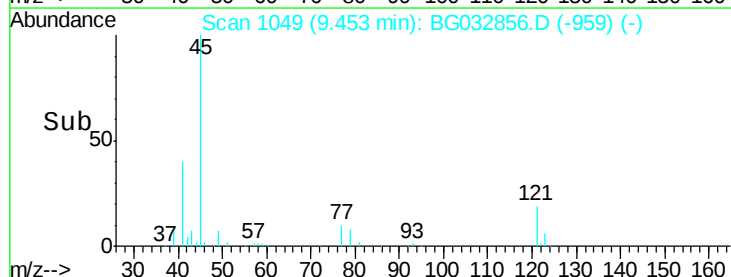
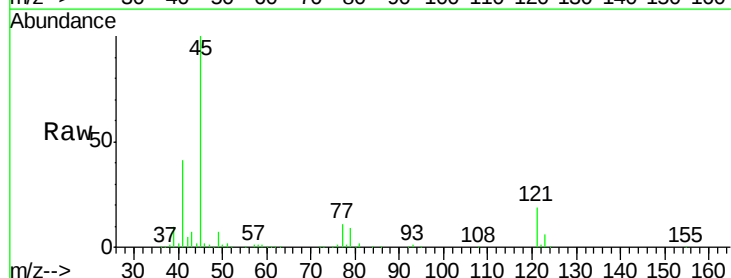
RT: 9.45 min Scan# 1049

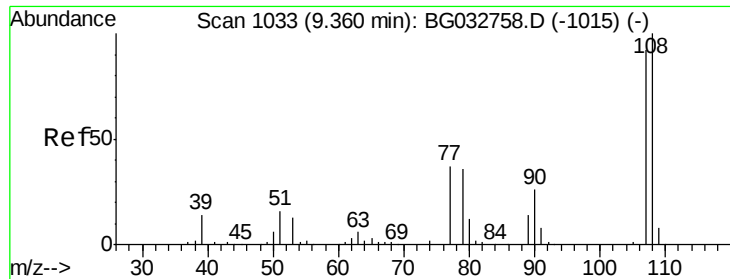
Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	45	Resp:	314729
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.2
79	9.1	0.0	27.9





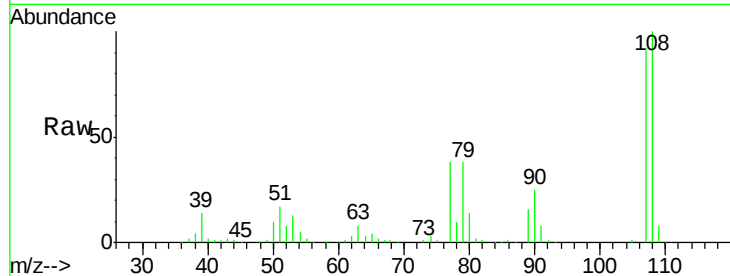
#17
2-Methylphenol
Concen: 40.199 ng
RT: 9.36 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

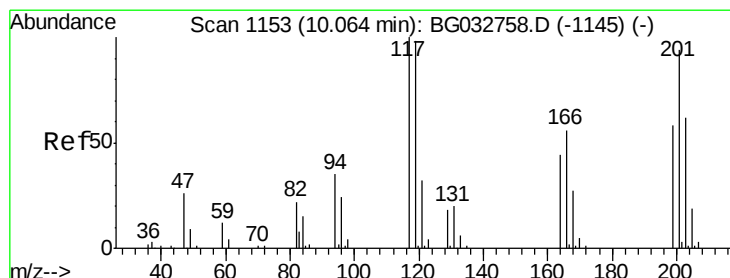
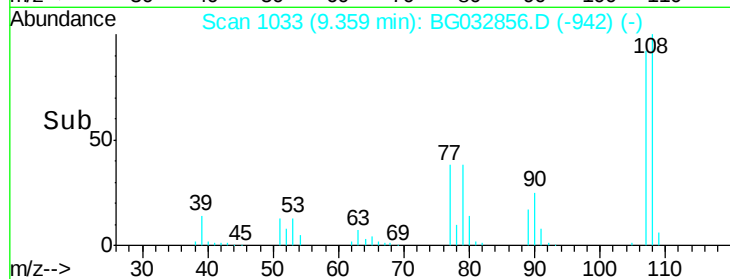
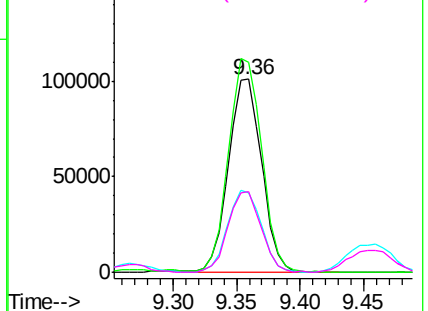
Tot Ion	107	Resp	183303
Ion Ratio	Lower	Upper	
107	100		
108	108.8	83.9	125.9
77	41.3	37.2	55.8
79	41.6	36.2	54.2

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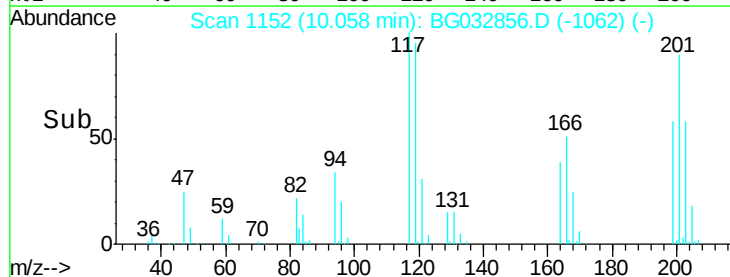
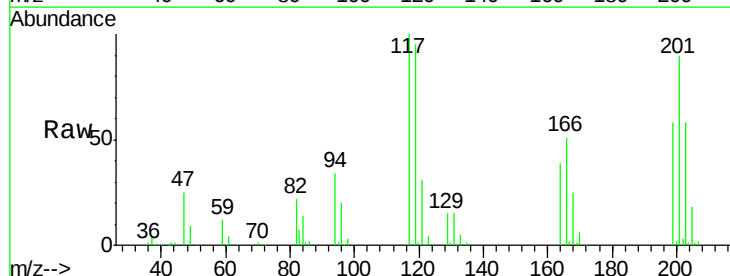
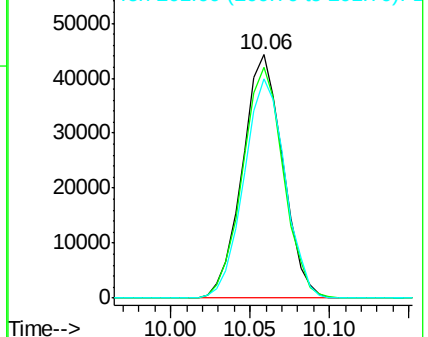
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

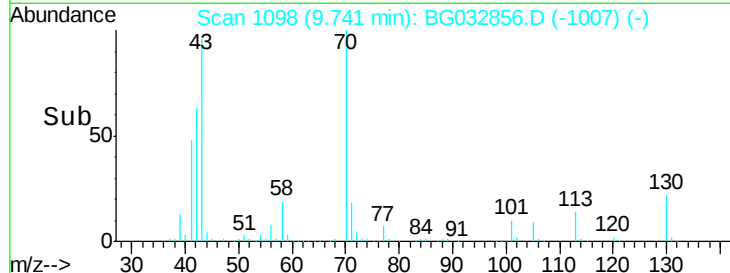
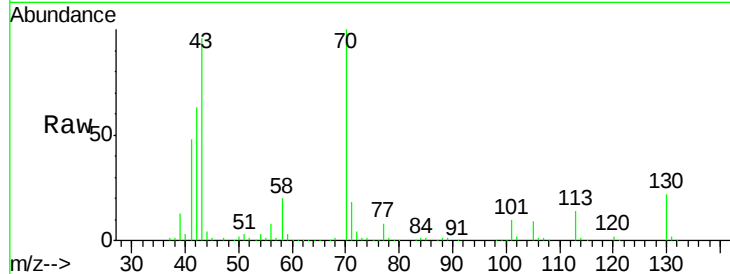
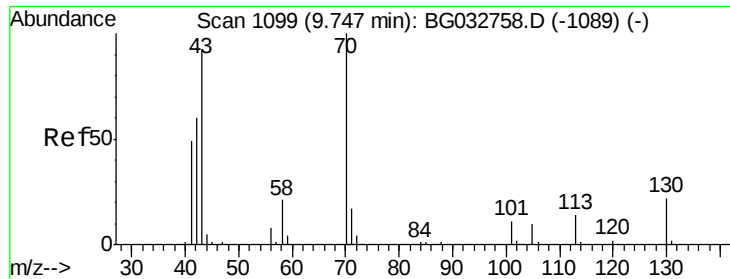


#18
Hexachloroethane
Concen: 40.562 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	117	Resp	78433
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.7	115.1
201	89.9	95.7	143.5#

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





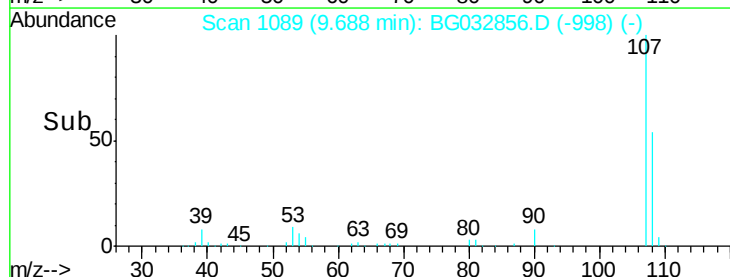
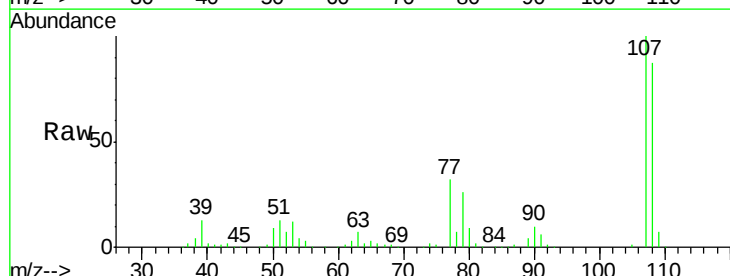
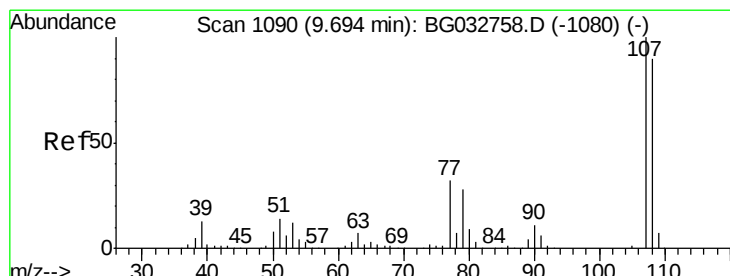
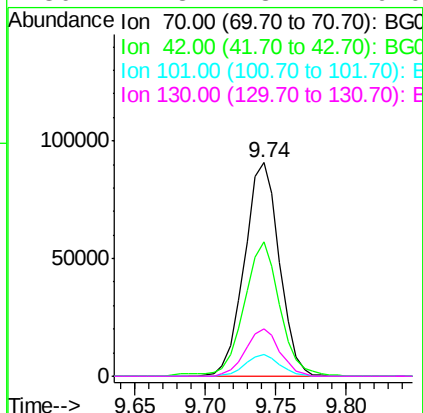
#19
n-Nitroso-di-n-propylamine
Concen: 36.189 ng
RT: 9.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.9	49.1	73.7	
101	10.5	8.5	12.7	
130	22.3	13.4	20.0	

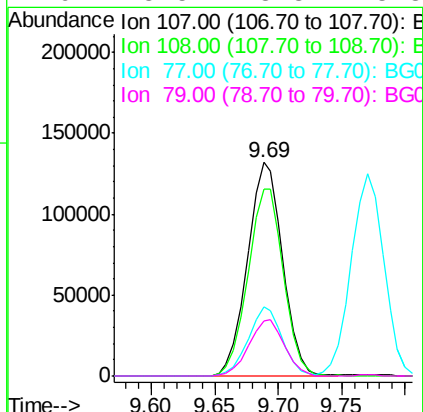
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#20
3+4-Methylphenols
Concen: 39.900 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	61.6	101.6	
77	32.1	13.9	53.9	
79	25.5	8.8	48.8	





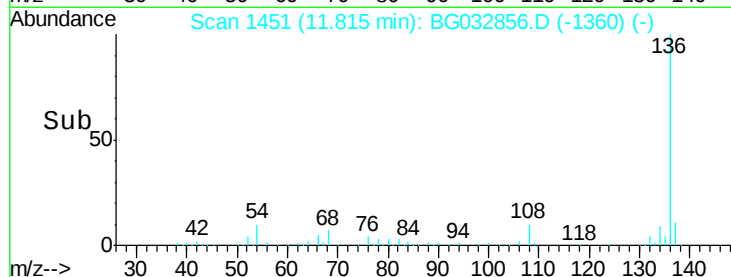
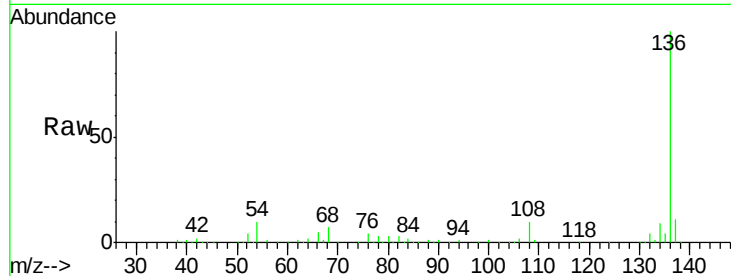
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

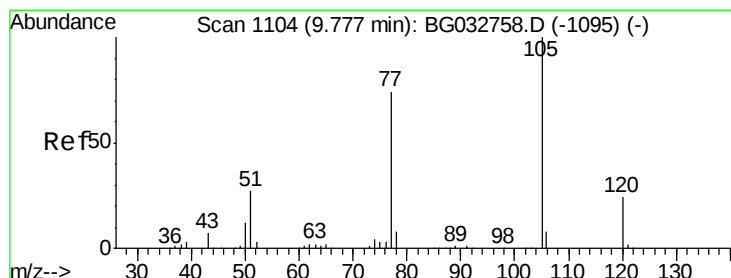
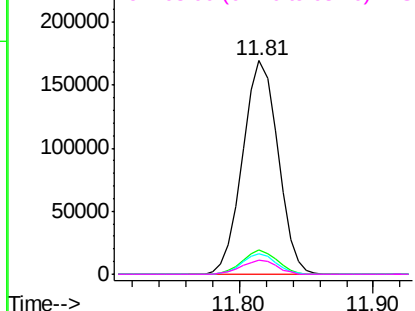
Tot Ion	Ratio	Resp	Lower	Upper
136	100	310346		
137	11.3	9.2	13.8	
54	9.8	10.3	15.5	
68	6.6	4.5	6.7	

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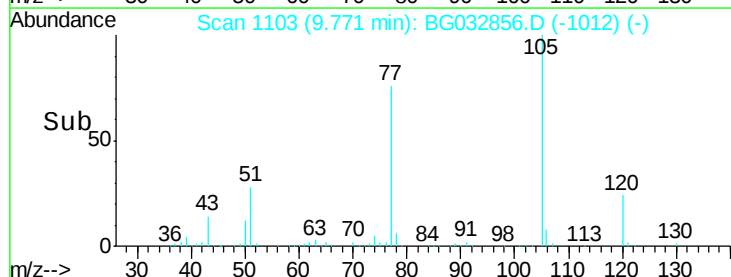
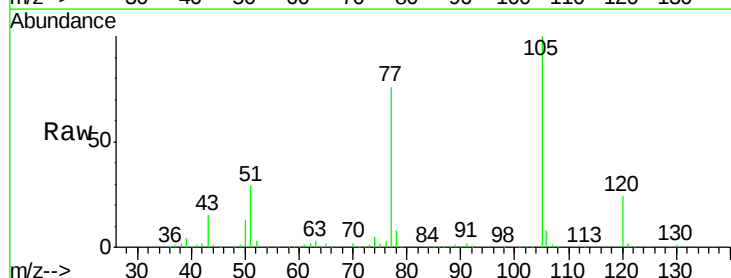


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

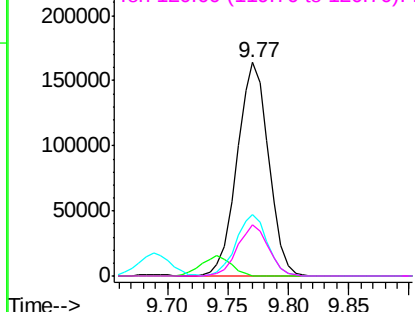


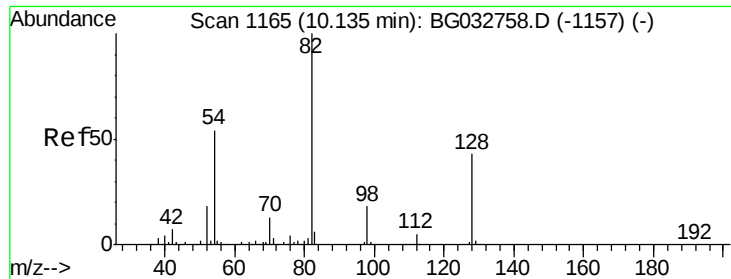
#22
Acetophenone
Concen: 37.911 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297134		
71	0.3	3.0	4.4	
51	28.6	26.1	39.1	
120	23.8	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





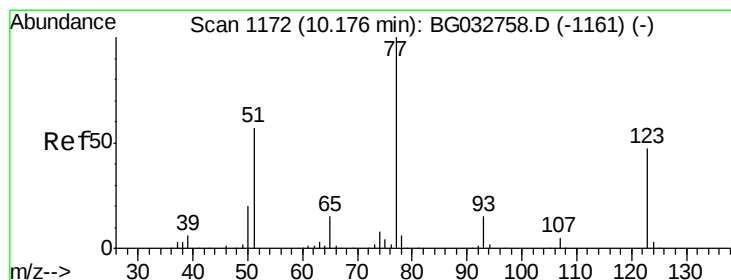
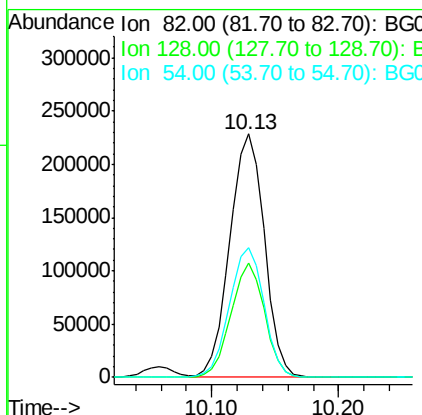
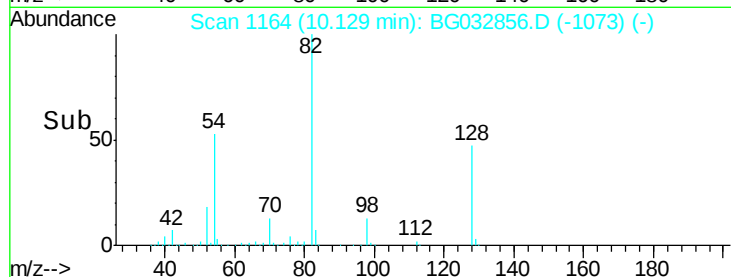
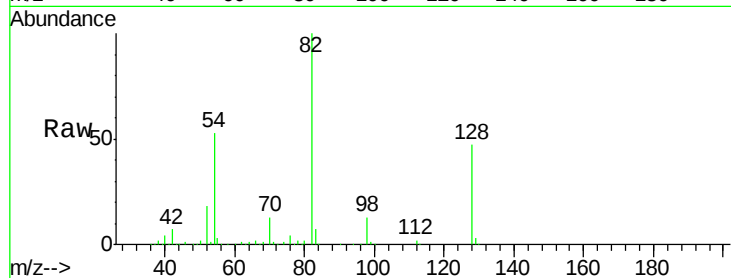
#23
Nitrobenzene-d5
Concen: 95.242 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	29.7	44.5#
54	53.4	43.1	64.7

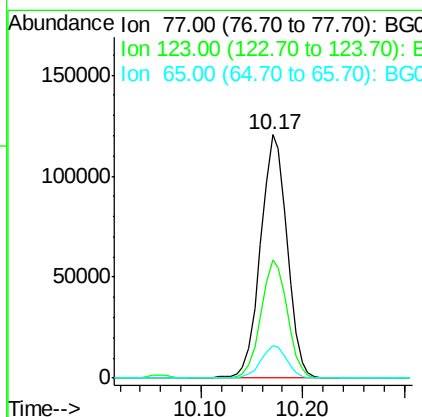
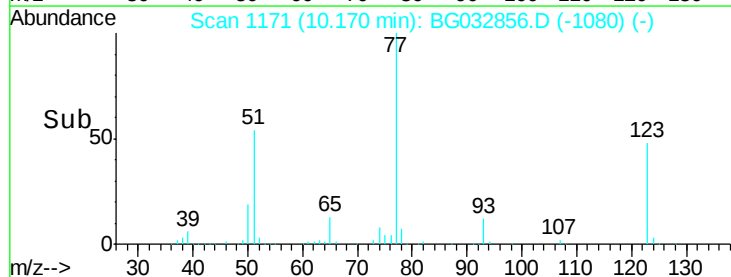
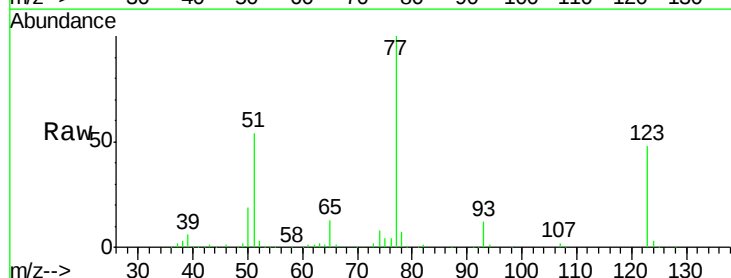
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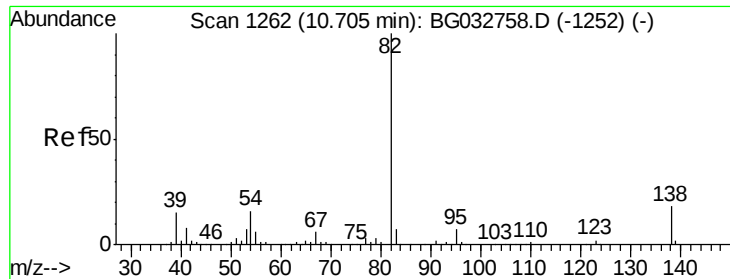
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#24
Nitrobenzene
Concen: 44.729 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	33.0	49.6
65	13.1	13.0	19.6





#25

Isophorone

Concen: 39.378 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

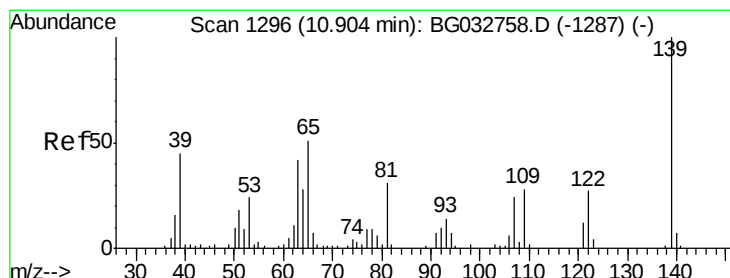
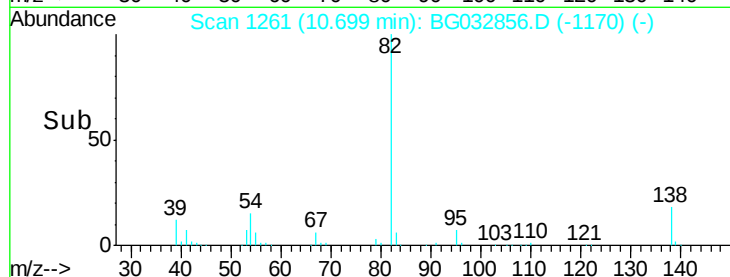
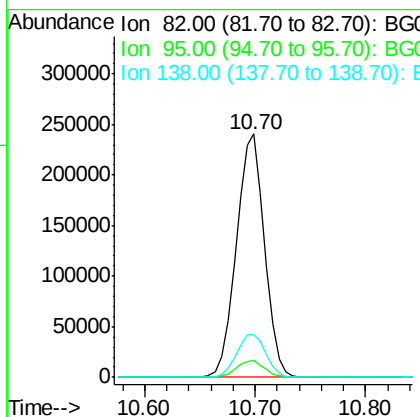
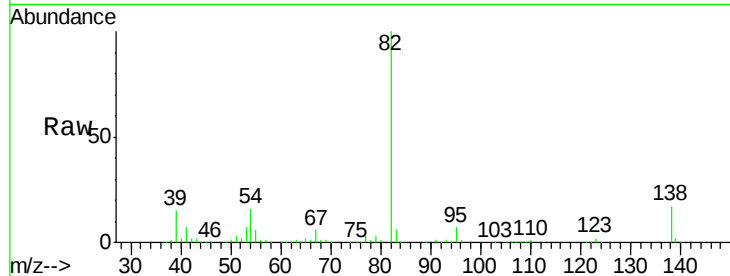
ClientSampleId :

PB106878BS

Tot Ion:	82	Resp:	428941
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.2	9.2
138	17.4	12.1	18.1

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#26

2-Nitrophenol

Concen: 56.808 ng

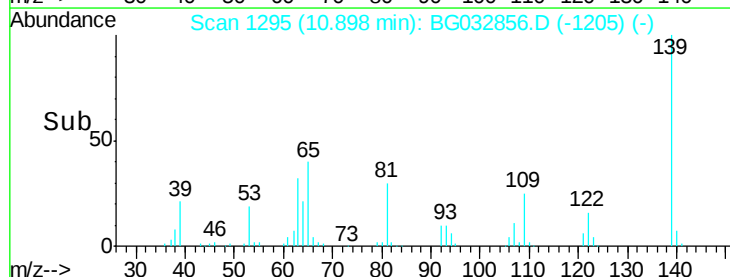
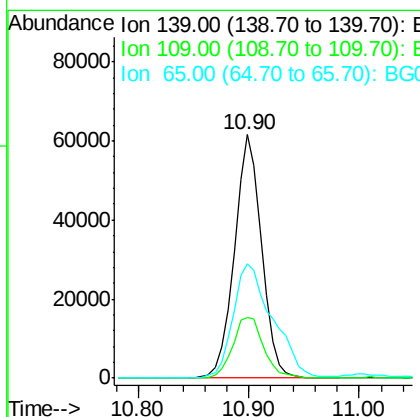
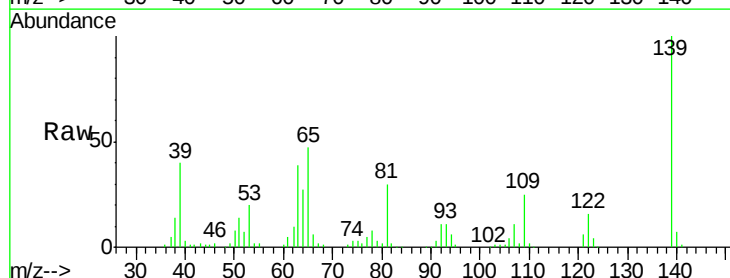
RT: 10.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	139	Resp:	105866
Ion Ratio		Lower	Upper
139	100		
109	24.9	24.2	36.2
65	47.1	47.4	71.0#





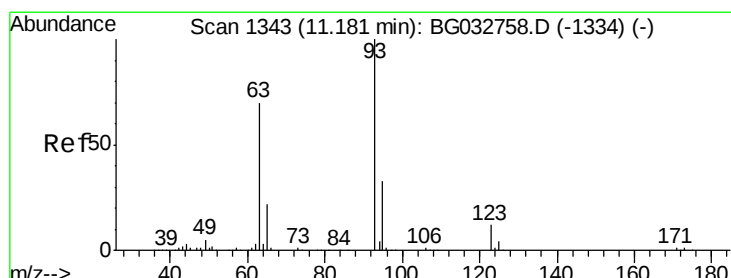
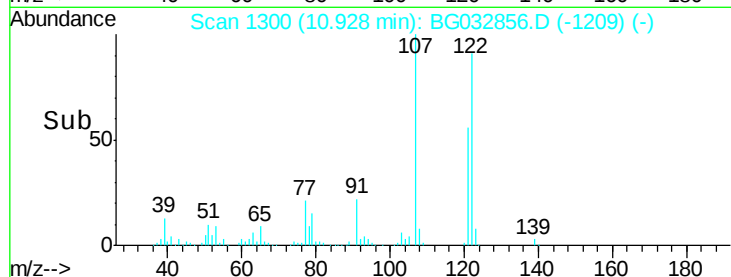
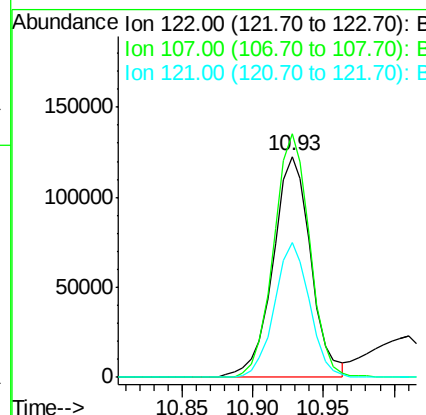
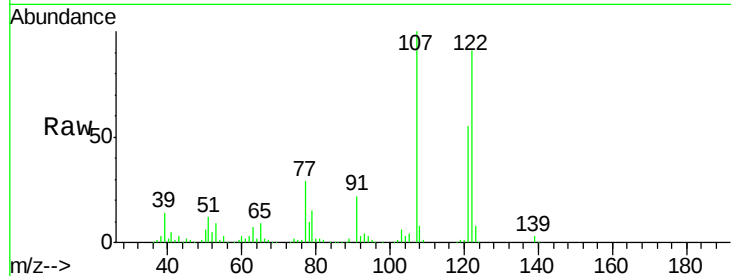
#27
2,4-Dimethylphenol
Concen: 48.453 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	100.2	150.2
121	61.2	44.4	66.6

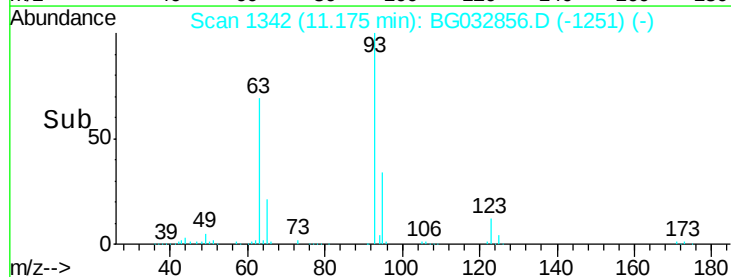
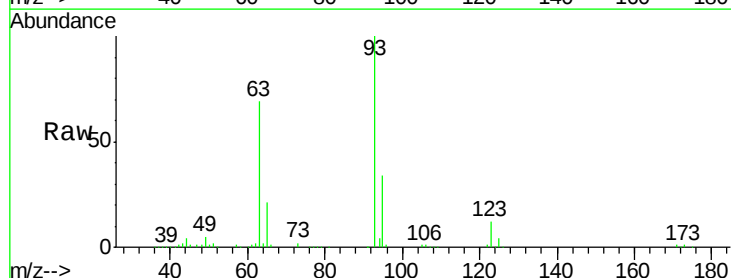
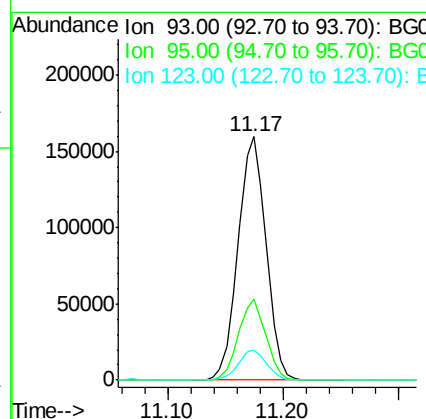
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#28
bis(2-Chloroethoxy)methane
Concen: 42.041 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	12.1	8.4	12.6





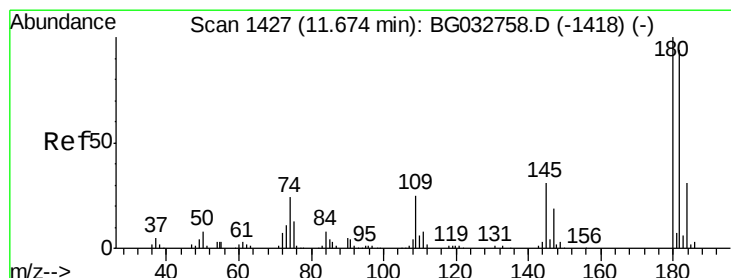
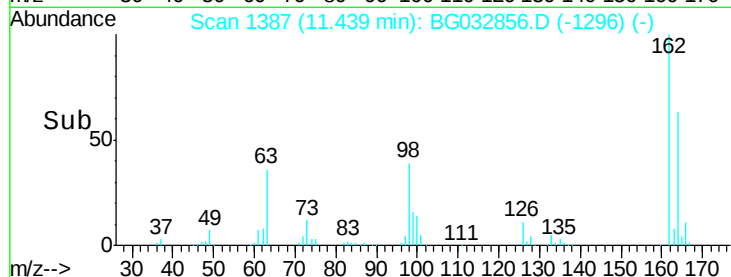
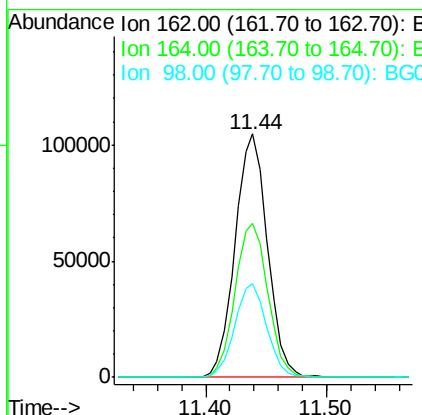
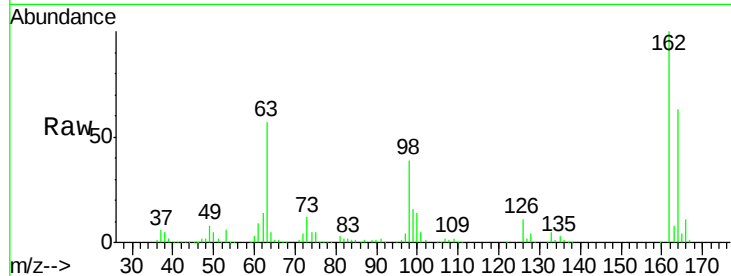
#29
 2,4-Dichlorophenol
 Concen: 45.498 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampled :
 PB106878BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	48.0	88.0
98	38.7	21.1	61.1

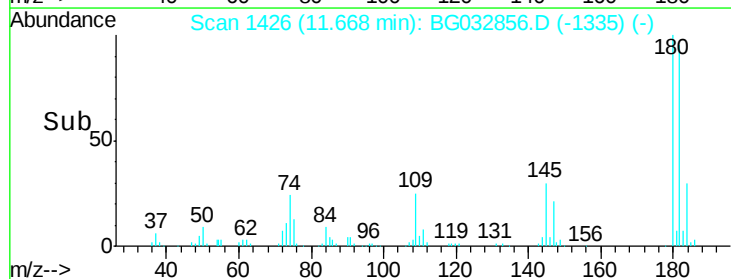
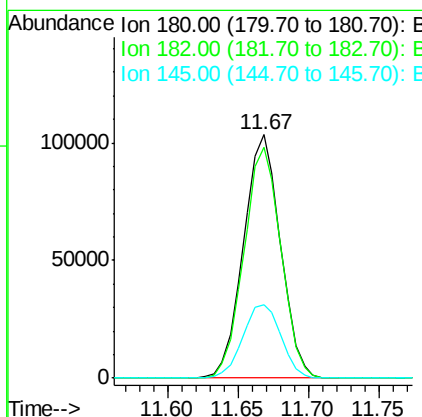
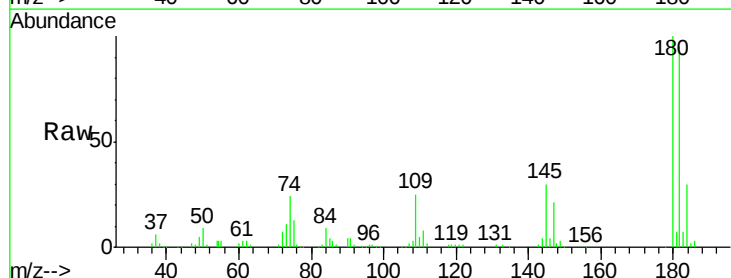
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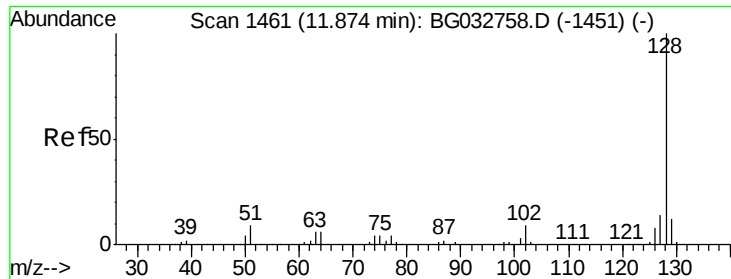
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.622 ng
 RT: 11.67 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	77.5	116.3
145	30.3	23.4	35.2





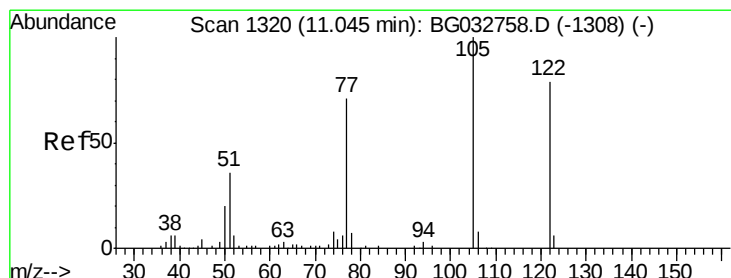
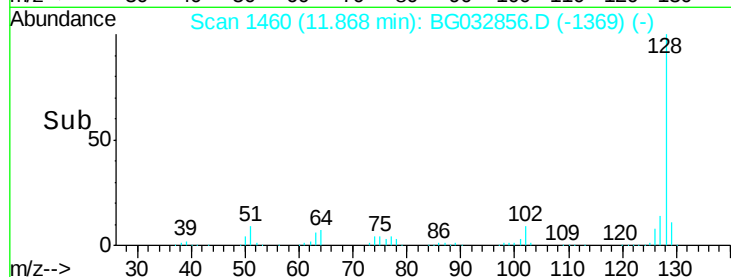
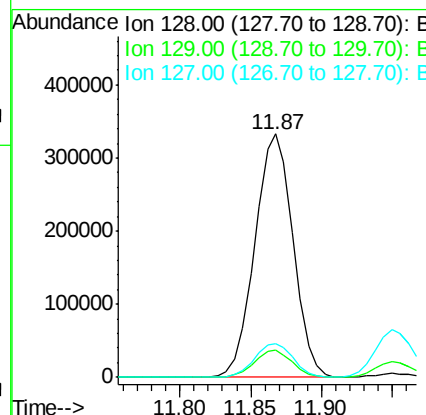
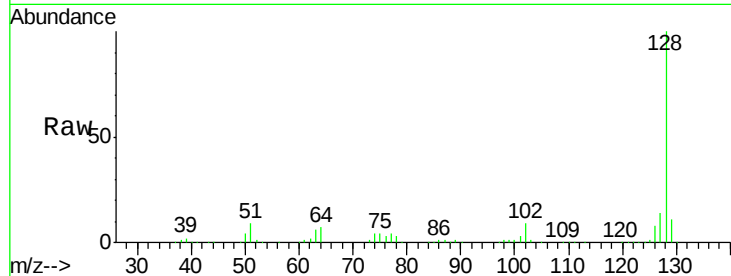
#31
Naphthalene
Concen: 38.842 ng
RT: 11.87 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.9	11.6	17.4

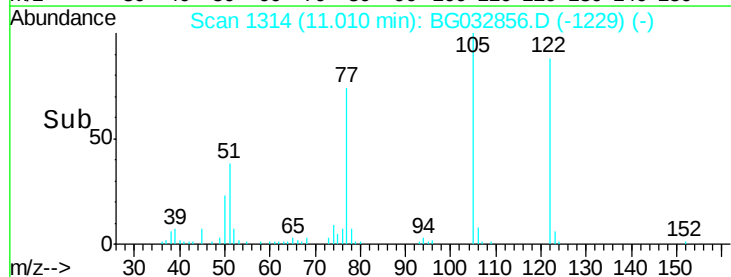
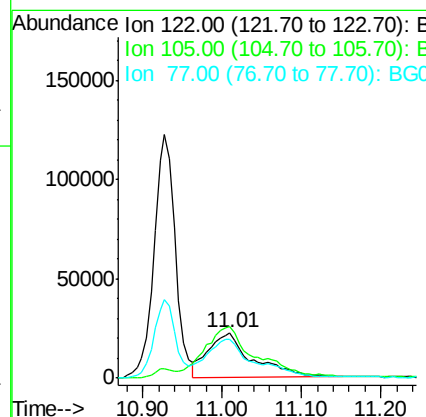
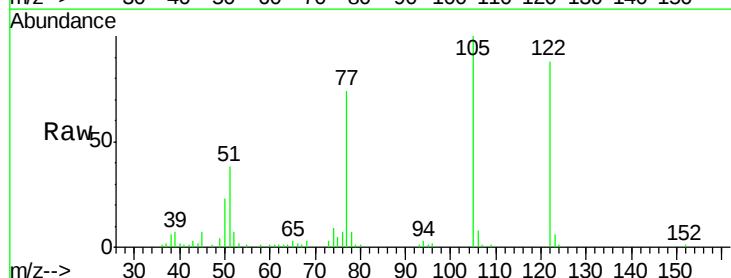
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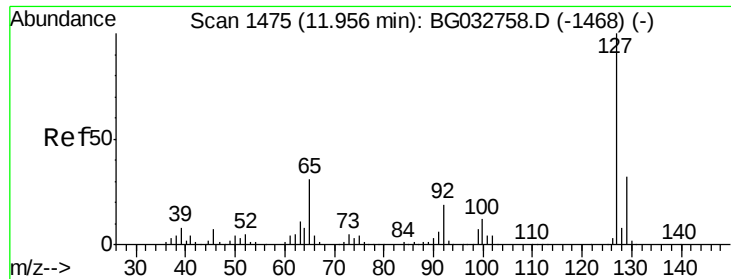
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#32
Benzoic acid
Concen: 33.995 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.9	123.5	163.5#
77	84.7	85.7	125.7#





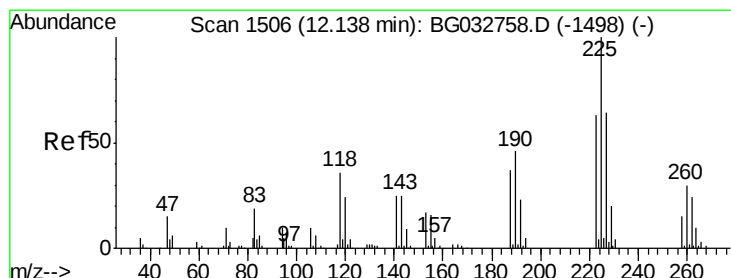
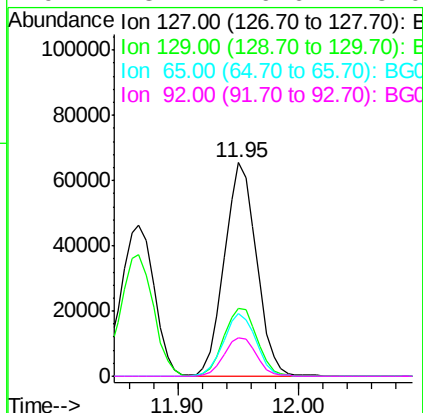
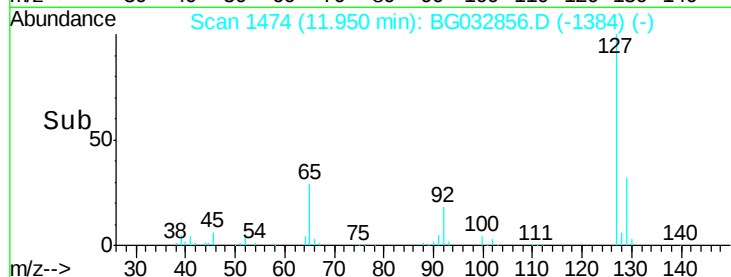
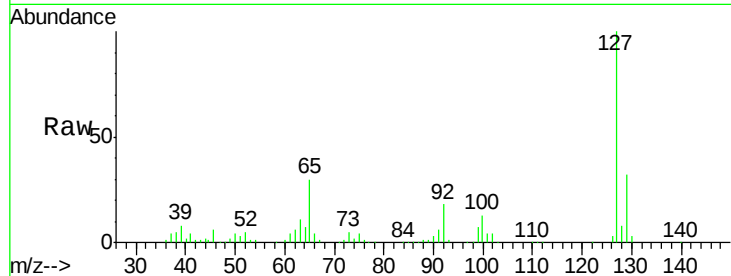
#33
4-Chloroaniline
Concen: 16.750 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	24.0	36.0		
65	29.7	27.0	40.4		
92	18.2	16.6	25.0		

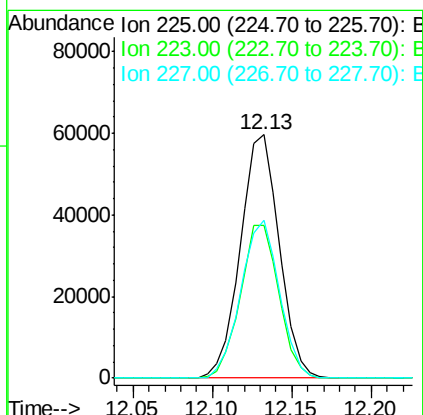
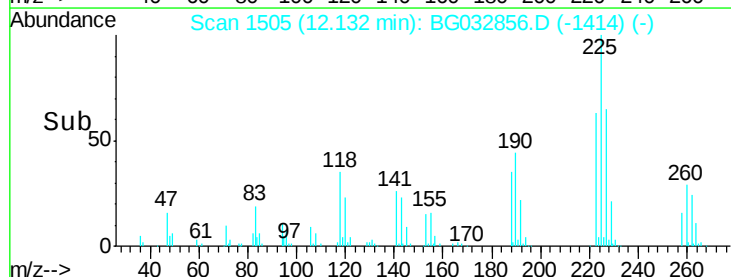
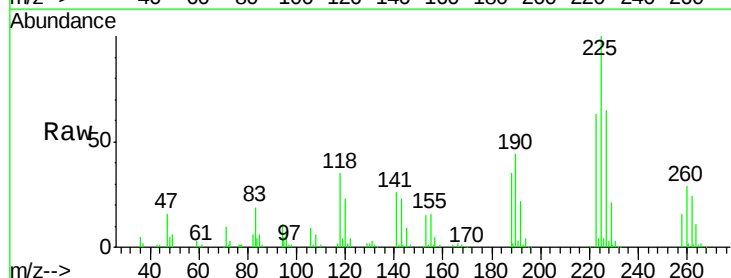
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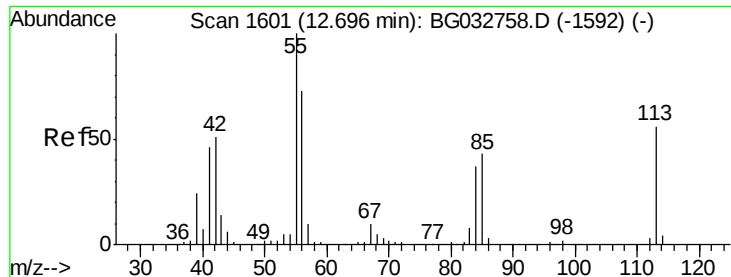
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#34
Hexachlorobutadiene
Concen: 35.866 ng
RT: 12.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.7	74.5		
227	65.0	48.1	72.1		





#35

Caprolactam

Concen: 46.530 ng

RT: 12.70 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

PB106878BS

Tot Ion:113 Resp: 80017

Ion Ratio Lower Upper

113 100

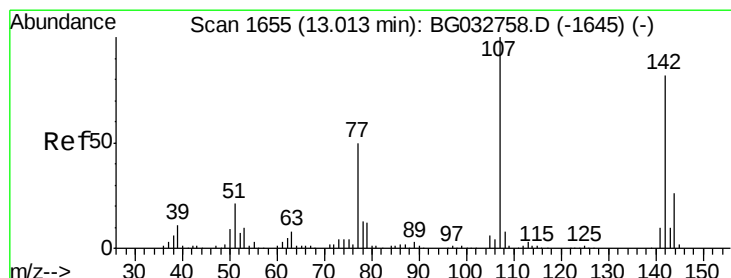
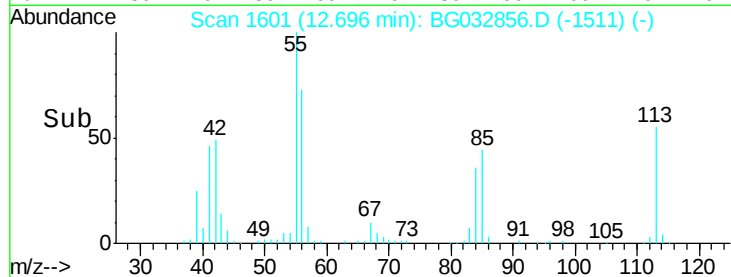
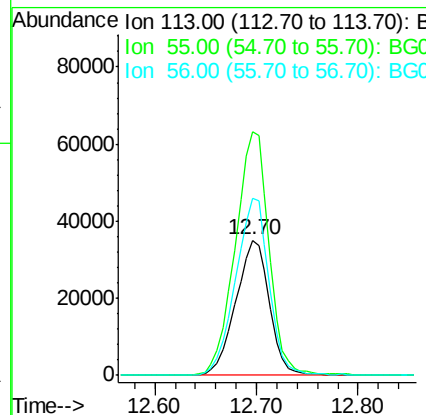
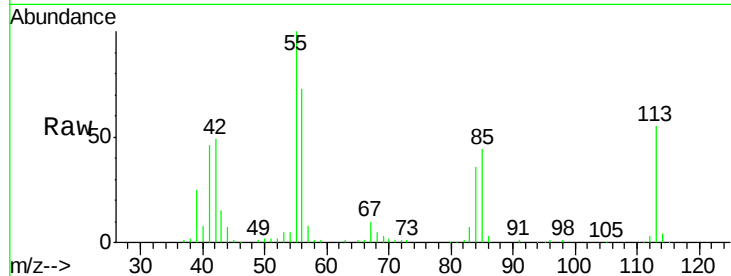
55 180.6 186.9 226.9#

56 131.7 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 45.875 ng

RT: 13.01 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

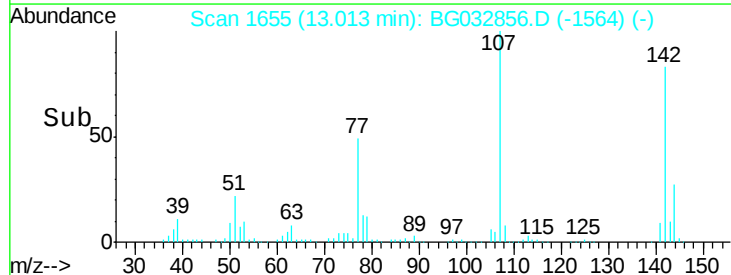
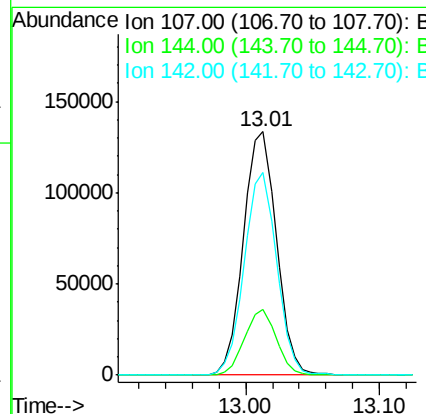
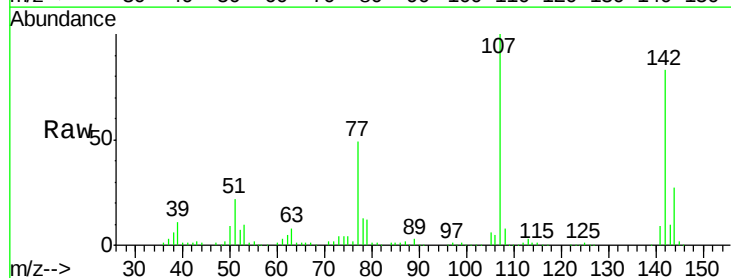
Tgt Ion:107 Resp: 229277

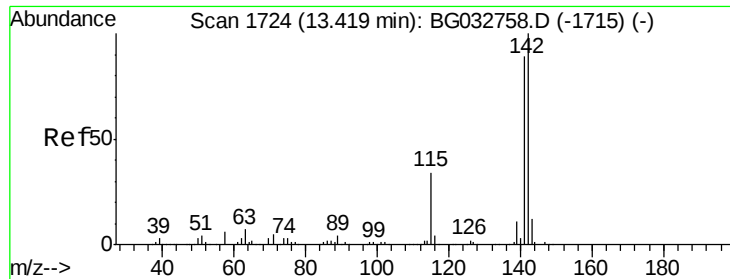
Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

142 83.2 59.0 88.4





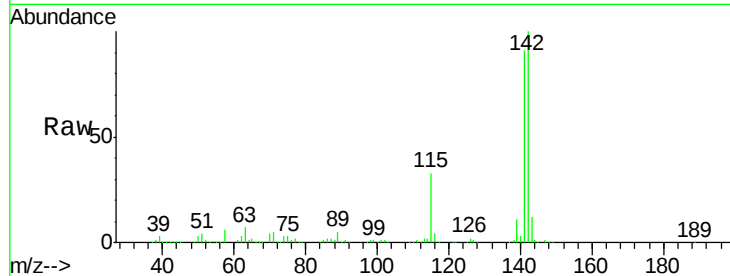
#37
2-Methylnaphthalene
Concen: 39.591 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

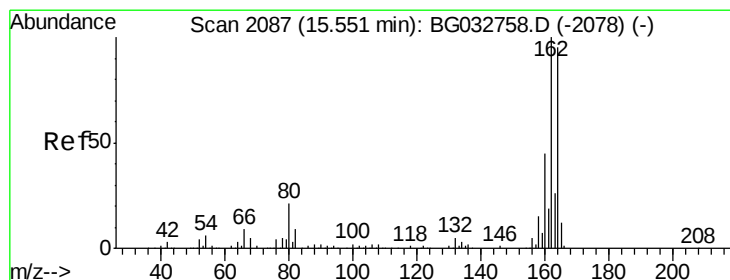
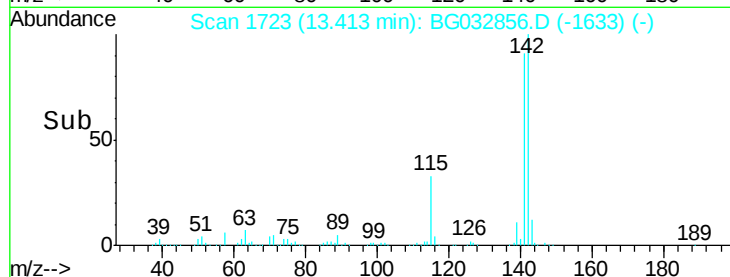
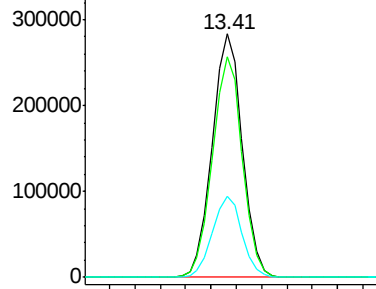
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	33.3	30.7	46.1

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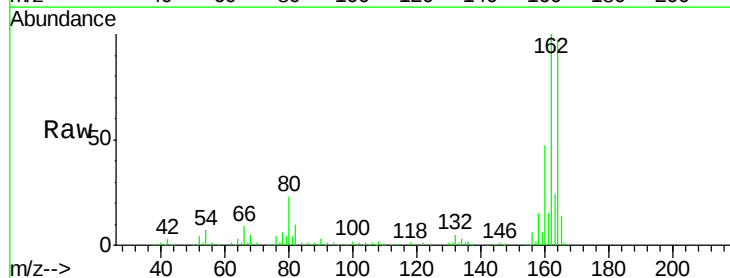


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

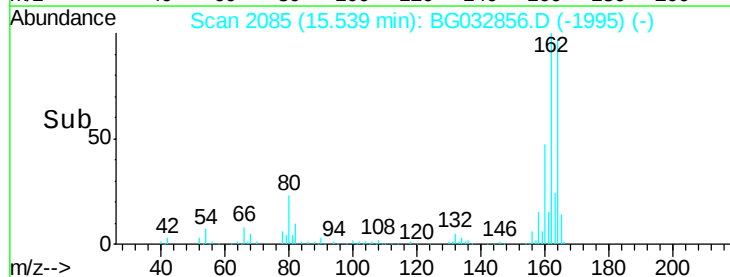
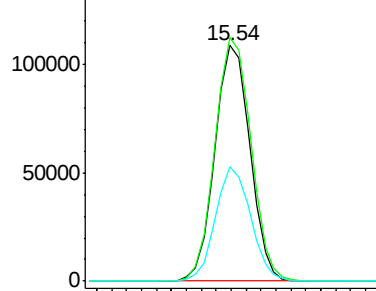


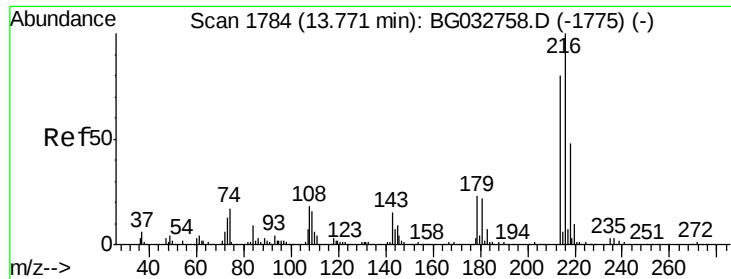
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	48.4	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





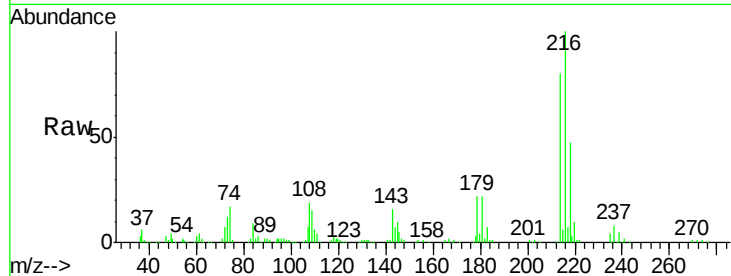
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.731 ng
 RT: 13.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

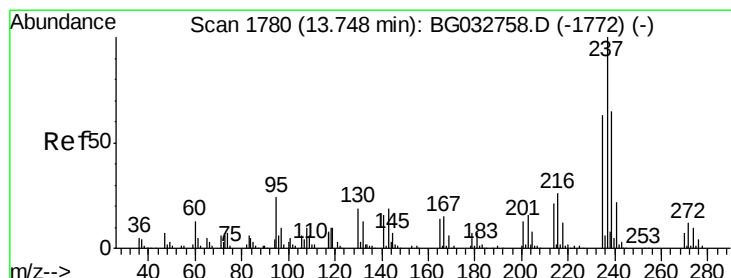
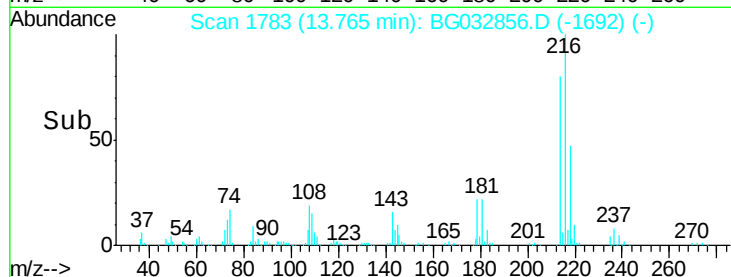
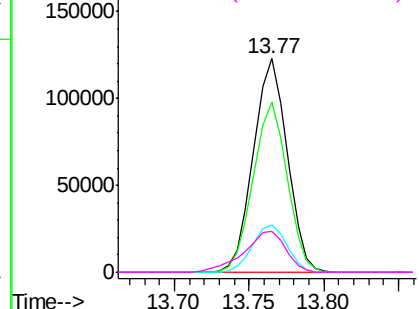
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.7	17.0	25.6
108	23.4	12.8	19.2

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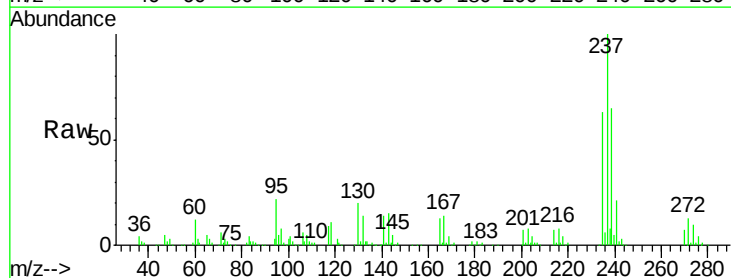


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

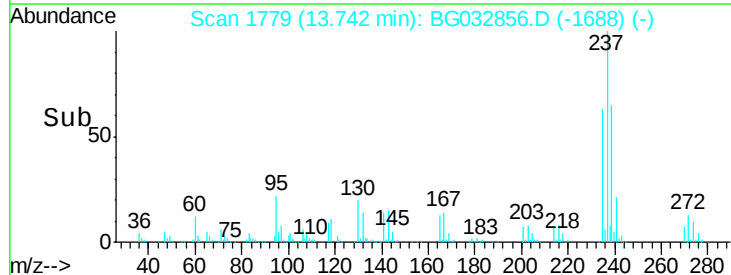
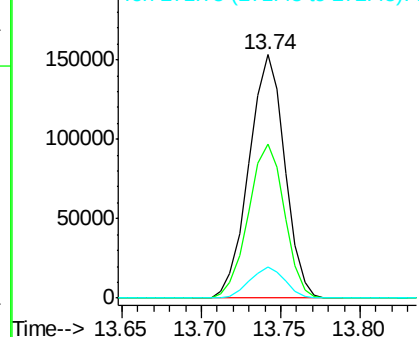


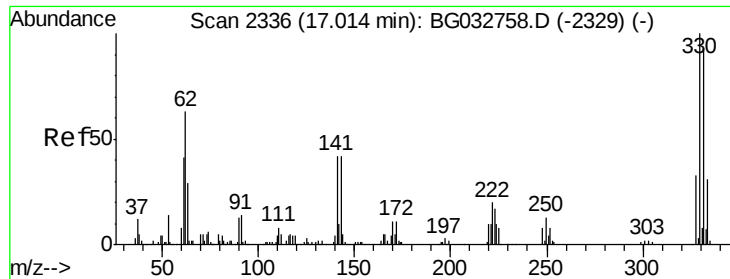
#40
 Hexachlorocyclopentadiene
 Concen: 90.206 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.4	90.4
272	12.5	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 91.512 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

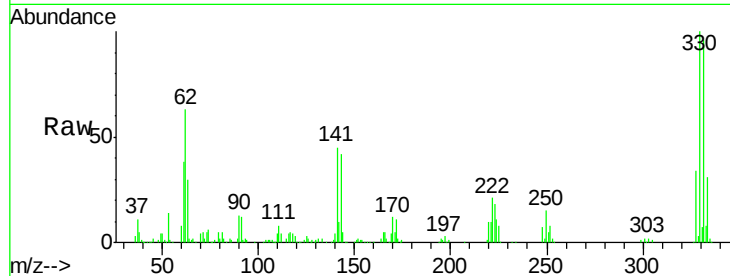
ClientSampled :

PB106878BS

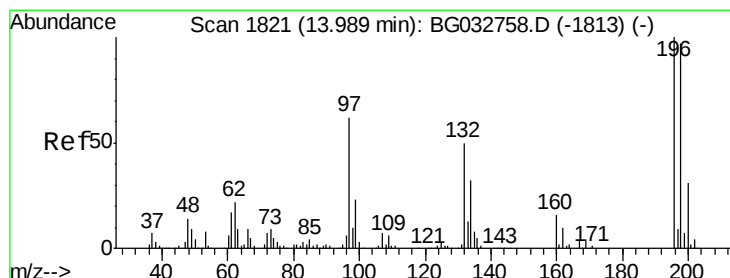
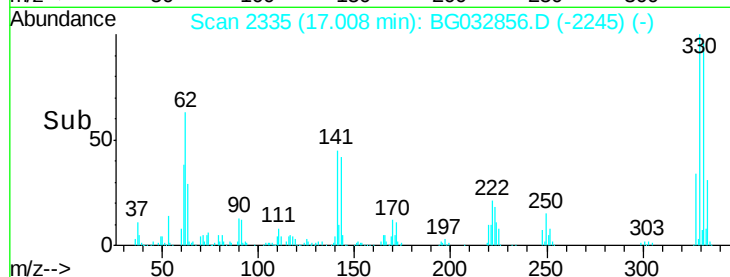
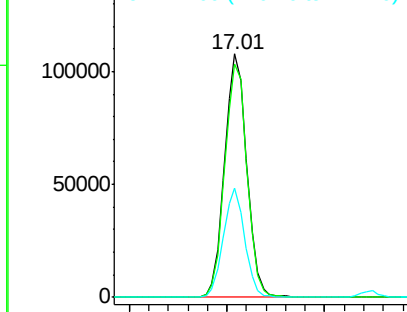
Tot Ion:	330	Resp:	169722
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	43.1	25.2	37.8#

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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: 44.834 ng

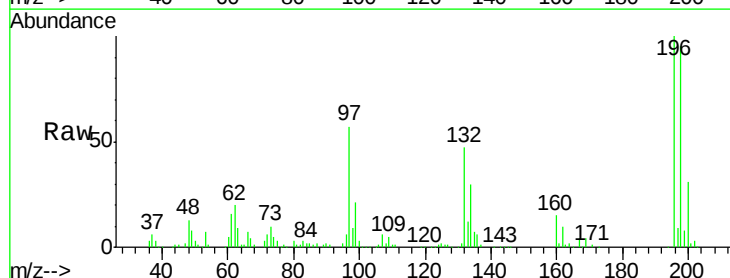
RT: 13.99 min Scan# 1821

Delta R.T. 0.00 min

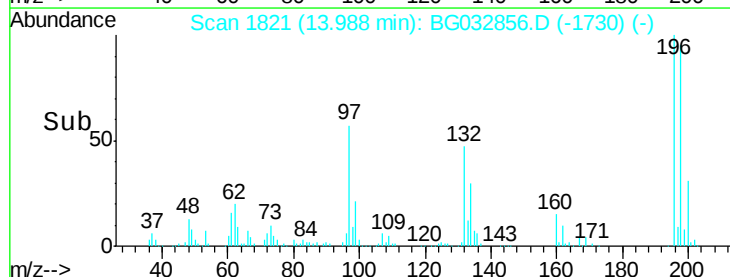
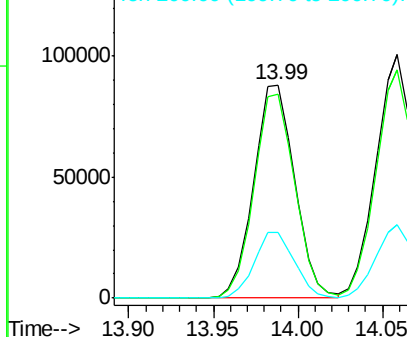
Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	196	Resp:	148046
Ion Ratio	Lower	Upper	
196	100		
198	95.3	78.2	117.2
200	30.9	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





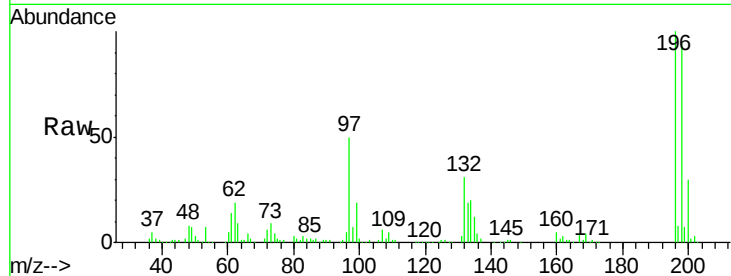
#43
 2,4,5-Trichlorophenol
 Concen: 42.704 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163206		
198	93.7	76.2	114.4	
97	49.9	38.7	58.1	
132	30.7	20.2	30.2	

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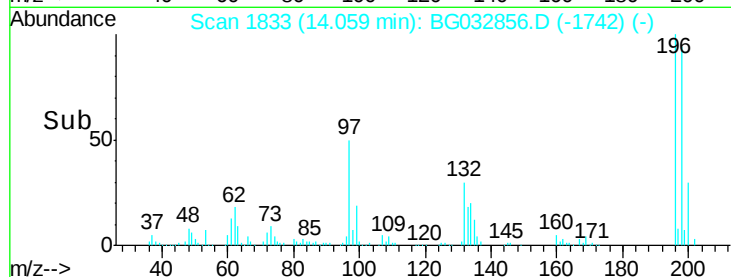
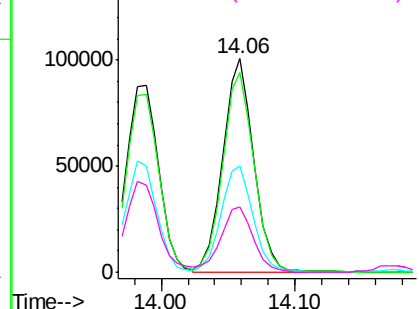
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.566 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

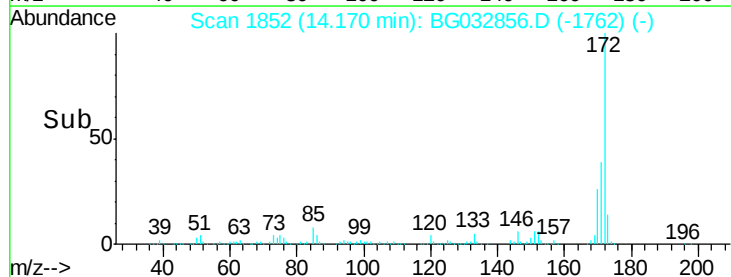
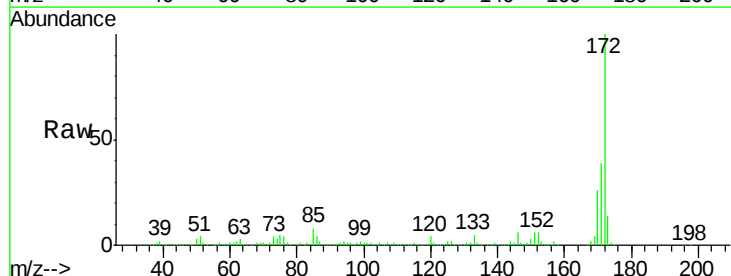
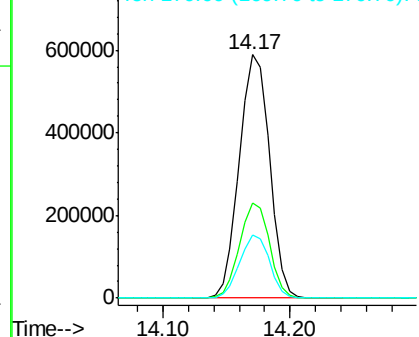
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	973089		
171	39.2	30.0	45.0	
170	26.0	19.5	29.3	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





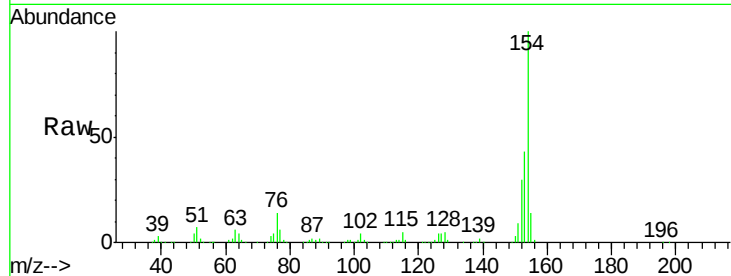
#45
 1,1'-Biphenyl
 Concen: 37.305 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

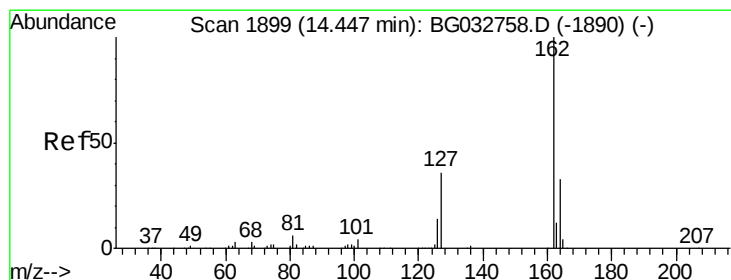
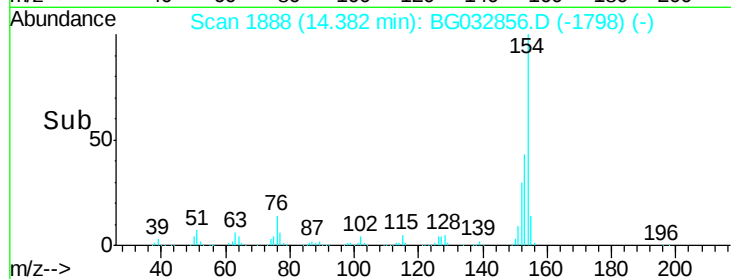
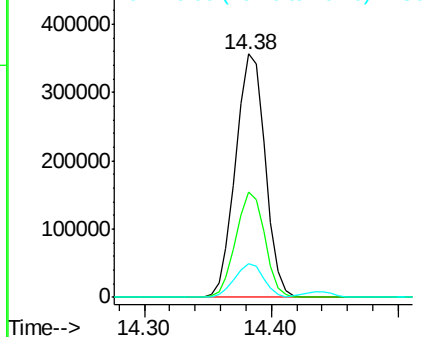
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.8	59.8
76	14.1	0.0	31.9

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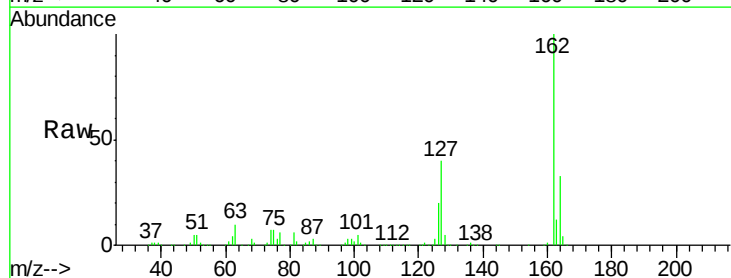


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

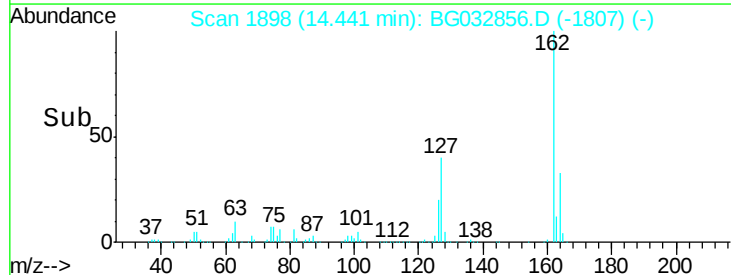
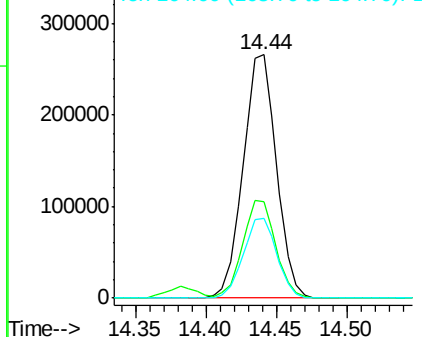


#46
 2-Chloronaphthalene
 Concen: 38.114 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.7	46.1
164	32.6	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





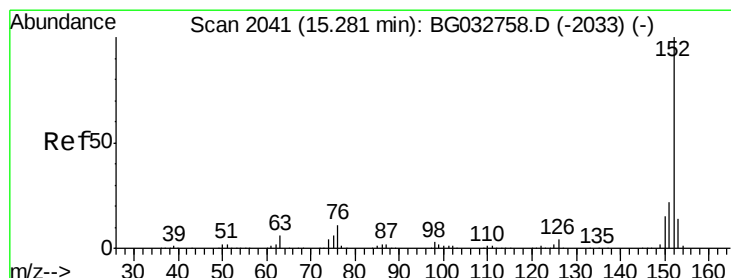
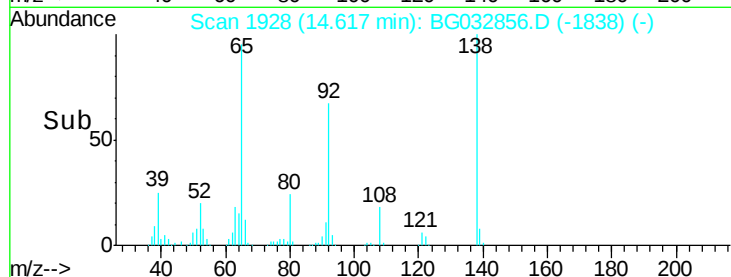
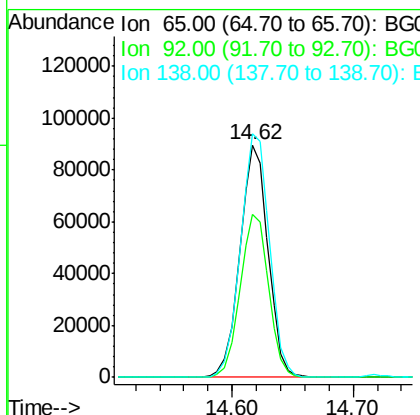
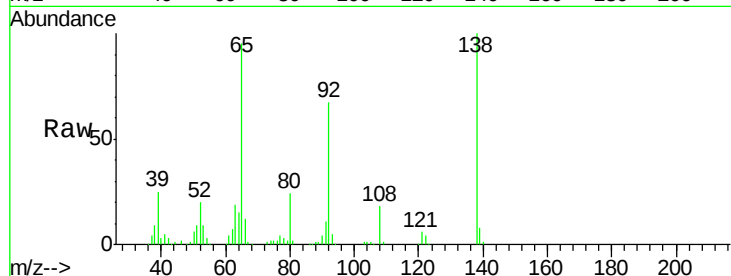
#47
2-Nitroaniline
Concen: 49.664 ng
RT: 14.62 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	54.6	82.0
138	104.9	72.9	109.3

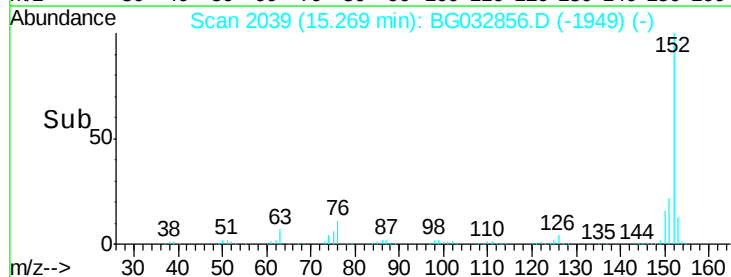
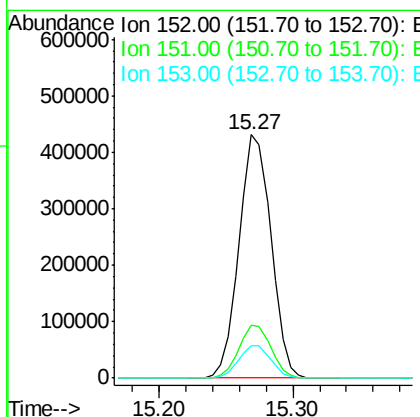
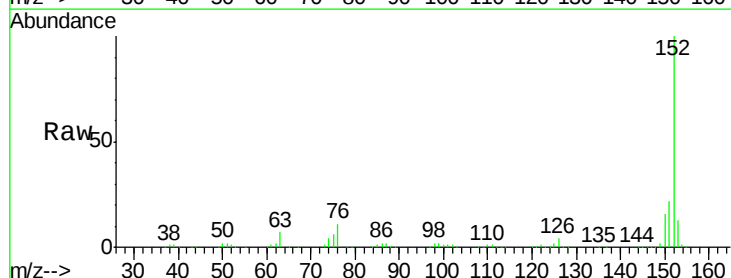
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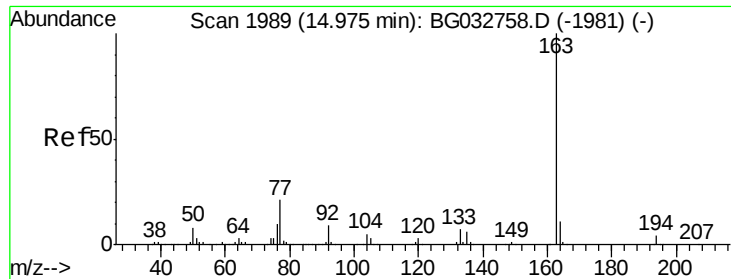
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#48
Acenaphthylene
Concen: 38.007 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	13.4	10.2	15.4





#49

Dimethylphthalate

Concen: 37.785 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

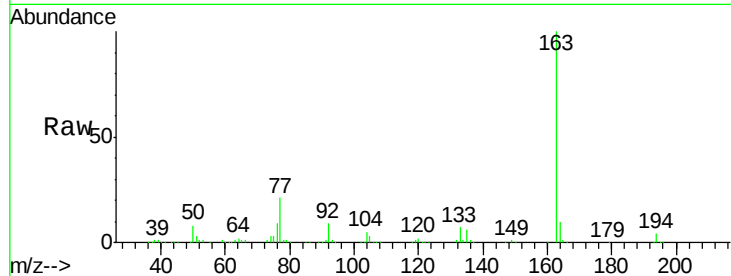
ClientSampleId :

PB106878BS

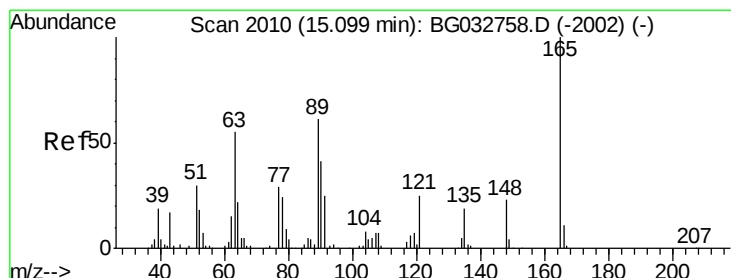
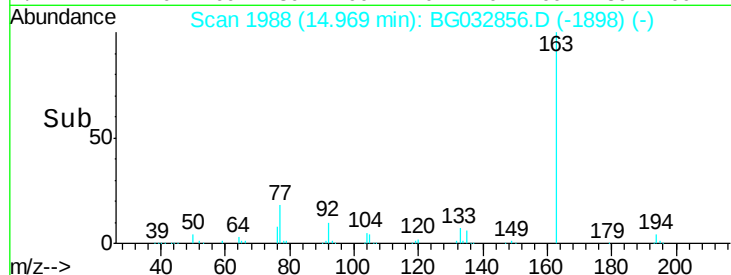
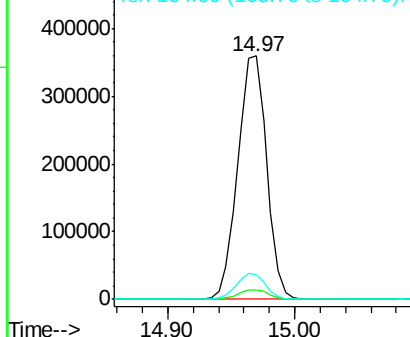
Tot Ion:	163	Resp:	565895
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	10.4	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.019 ng

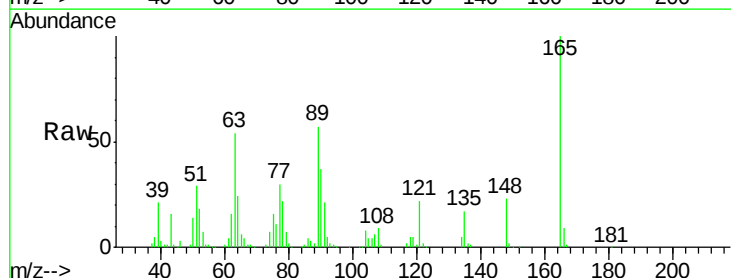
RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

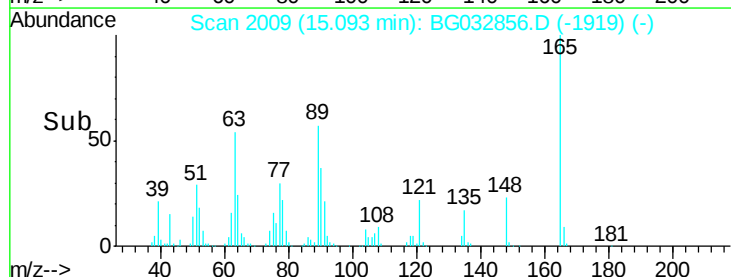
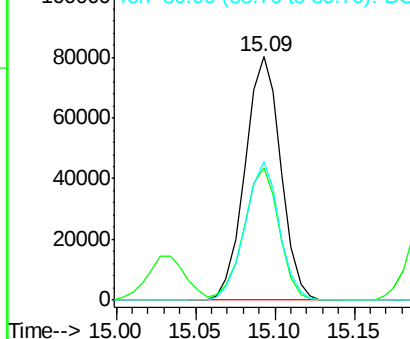
Lab File: BG032856.D

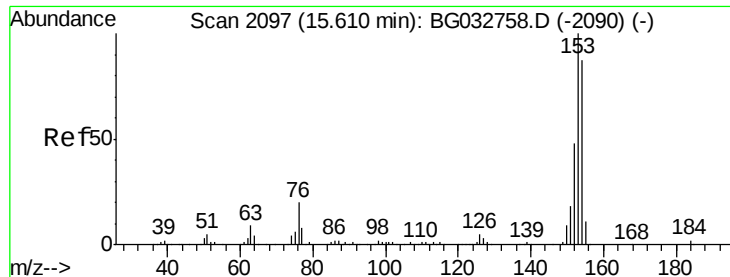
Acq: 27 Feb 2018 16:02

Tgt Ion:	165	Resp:	125132
Ion Ratio	Lower	Upper	
165	100		
63	54.3	52.7	79.1
89	56.7	49.2	73.8



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





#51

Acenaphthene

Concen: 38.225 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

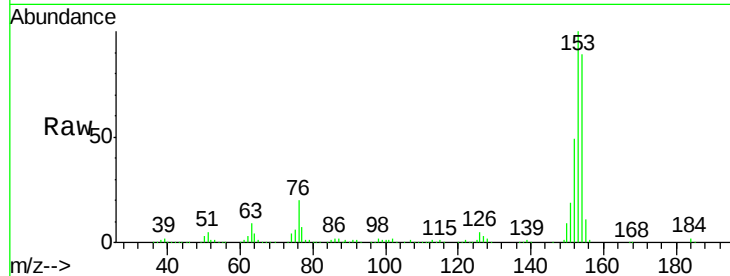
ClientSampleId :

PB106878BS

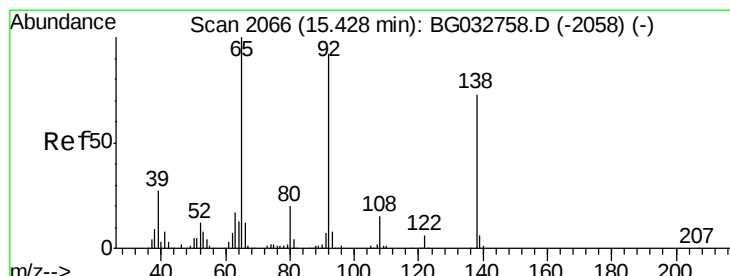
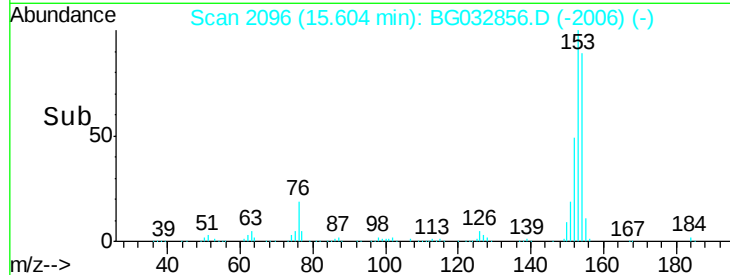
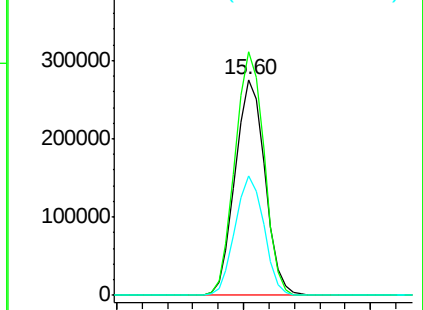
Tot Ion:	154	Resp:	448756
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.4	135.6
152	55.1	41.6	62.4

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



#52

3-Nitroaniline

Concen: 31.654 ng

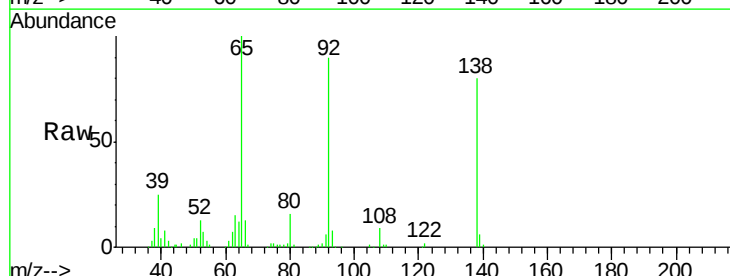
RT: 15.42 min Scan# 2065

Delta R.T. -0.00 min

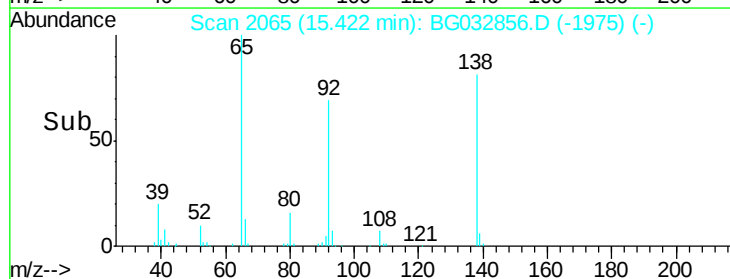
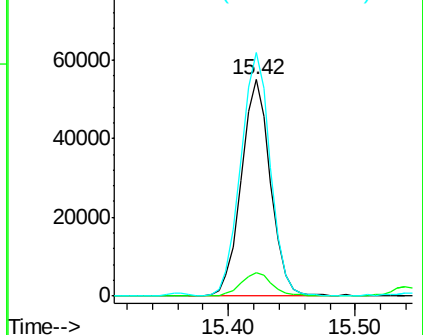
Lab File: BG032856.D

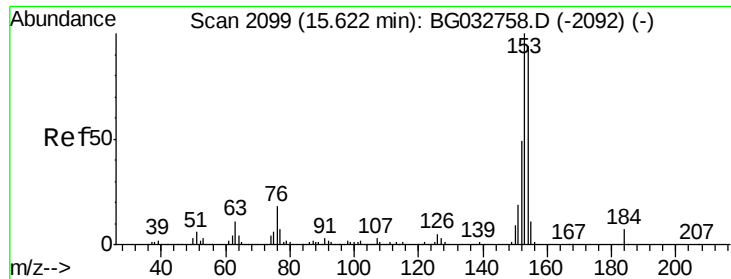
Acq: 27 Feb 2018 16:02

Tgt Ion:	138	Resp:	87726
Ion Ratio	Lower	Upper	
138	100		
108	11.0	17.5	26.3#
92	112.4	105.8	158.8



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





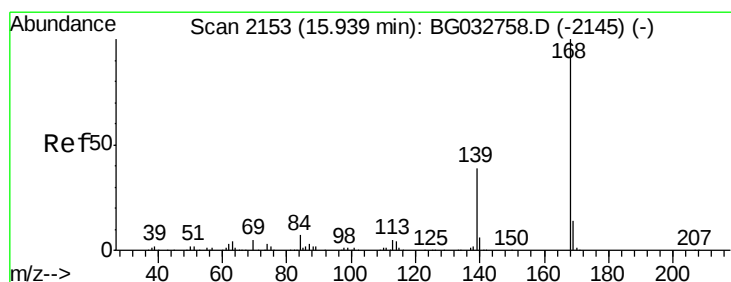
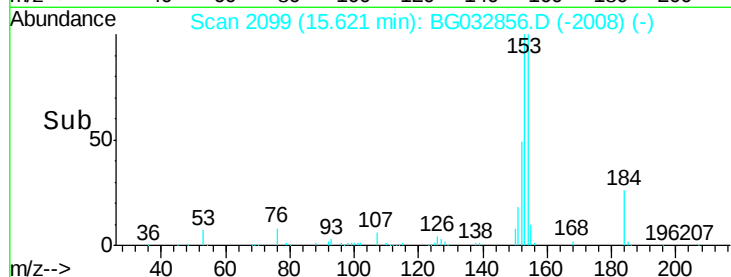
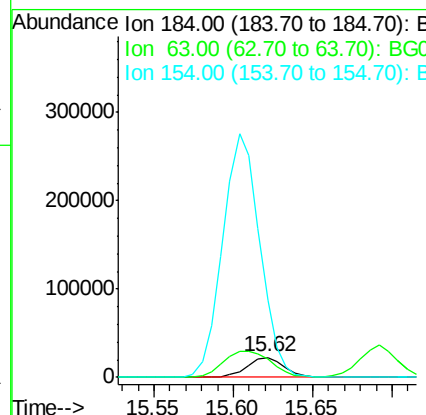
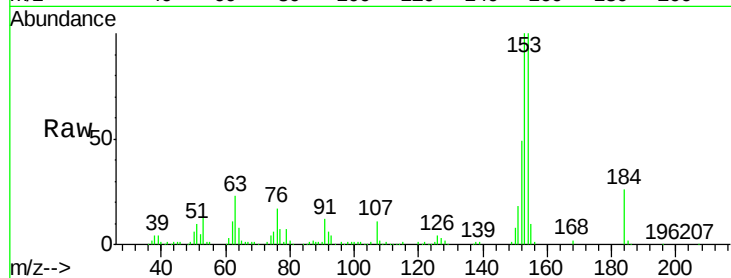
#53
2,4-Dinitrophenol
Concen: 54.379 ng
RT: 15.62 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.1	59.8	89.8
154	379.9	101.8	152.8#

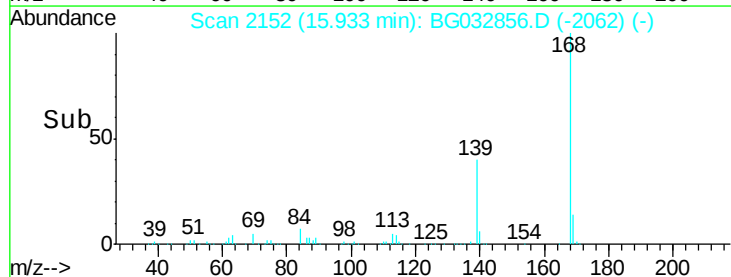
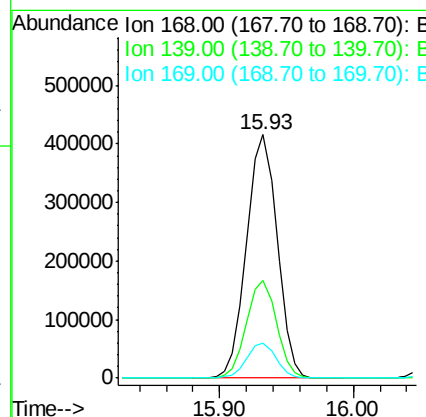
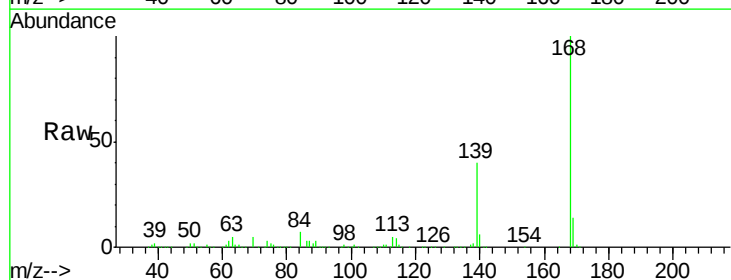
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#54
Dibenzofuran
Concen: 39.444 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	28.6	43.0
169	14.4	11.2	16.8





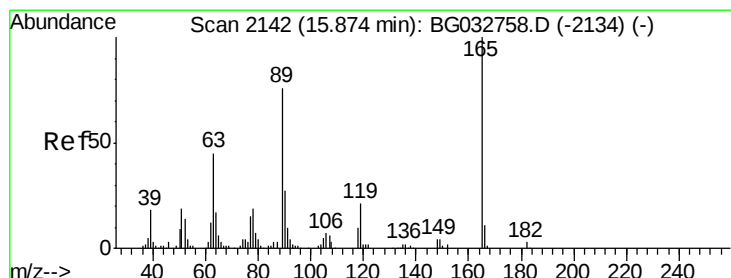
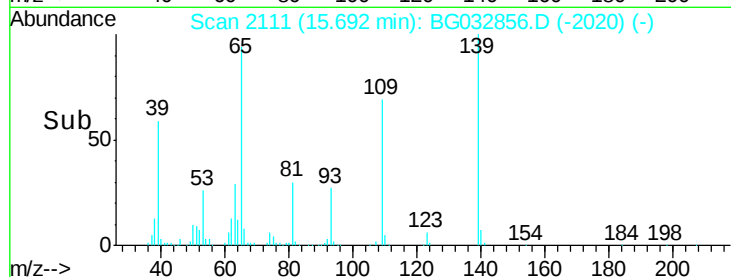
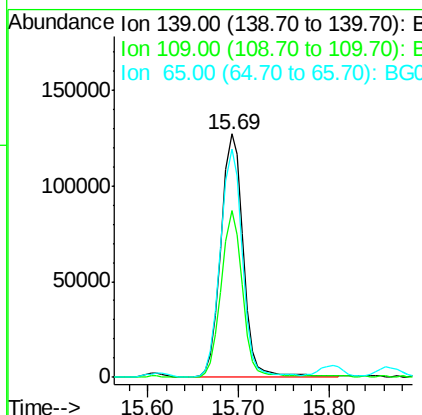
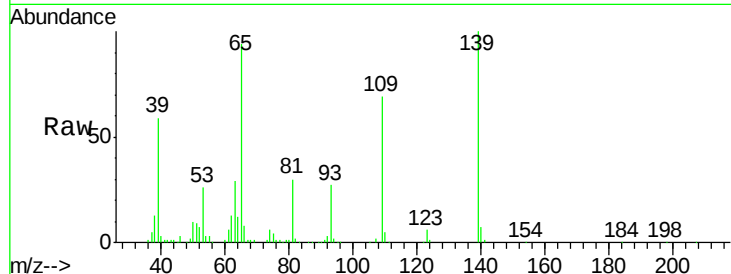
#55
4-Nitrophenol
Concen: 88.147 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	218127		
109	68.5	62.2	102.2	
65	93.6	97.2	137.2#	

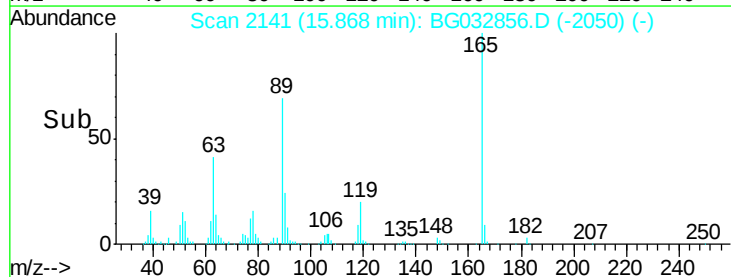
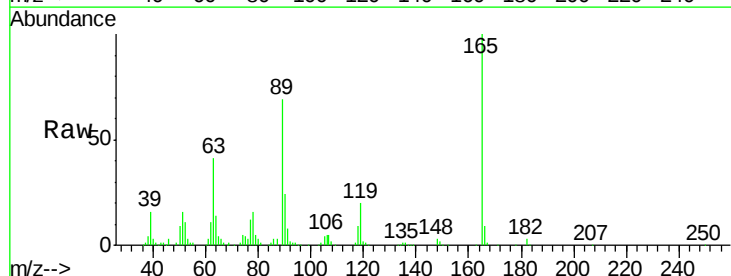
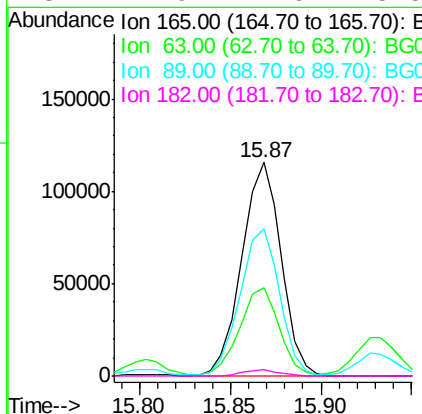
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#56
2,4-Dinitrotoluene
Concen: 57.369 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175215		
63	41.1	42.0	63.0#	
89	69.2	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 38.973 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

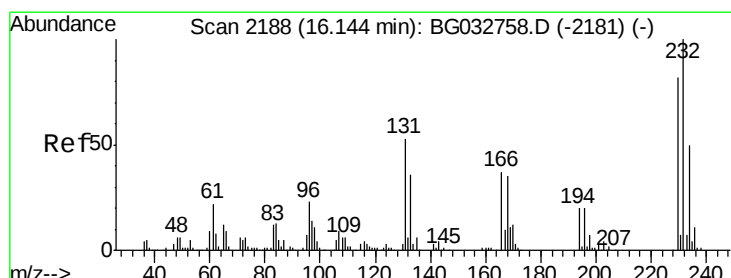
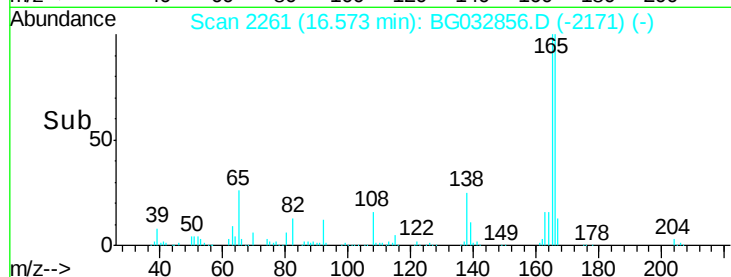
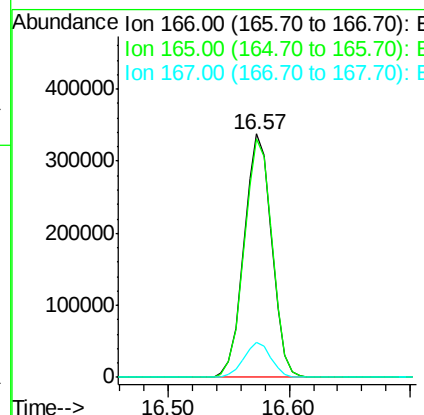
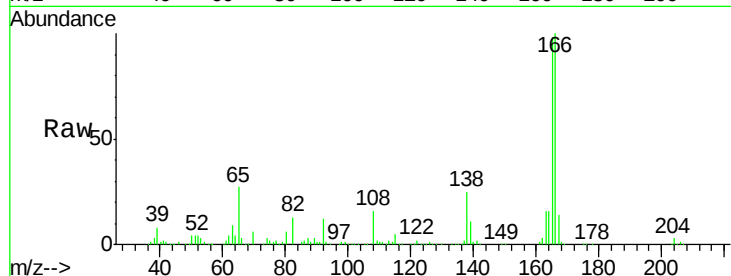
ClientSampleId :

PB106878BS

Tot Ion:	166	Resp:	537705
Ion Ratio		Lower	Upper
166	100		
165	98.1	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.420 ng m

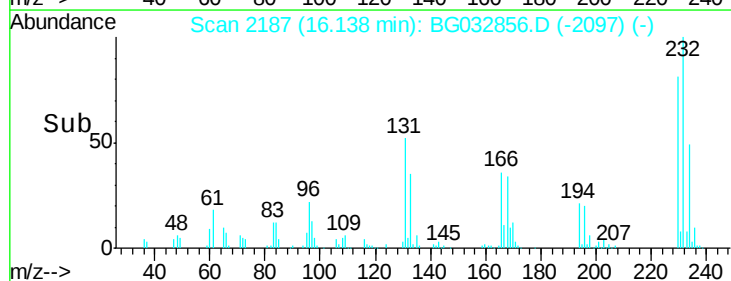
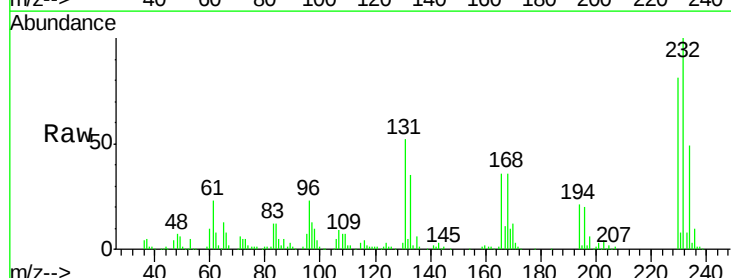
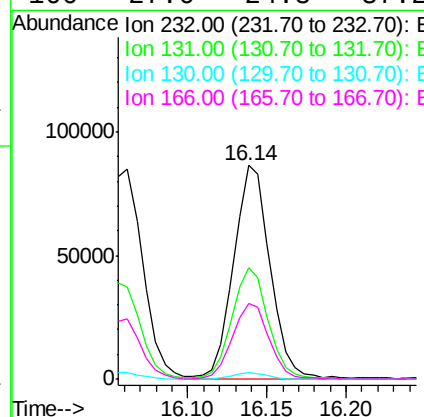
RT: 16.14 min Scan# 2187

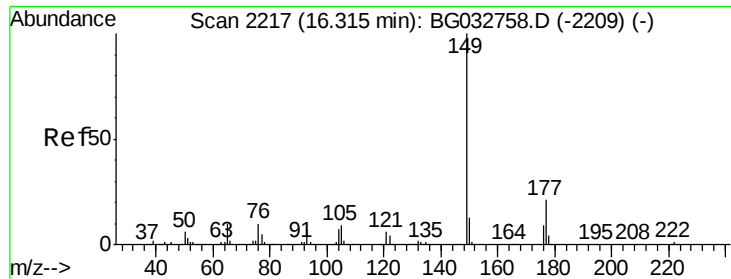
Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	232	Resp:	137738
Ion Ratio		Lower	Upper
232	100		
131	44.8	33.5	50.3
130	2.9	2.2	3.2
166	27.6	24.8	37.2





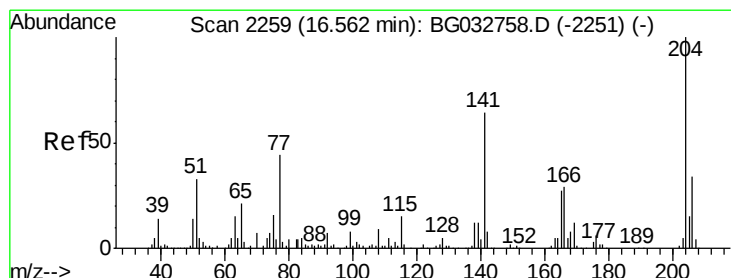
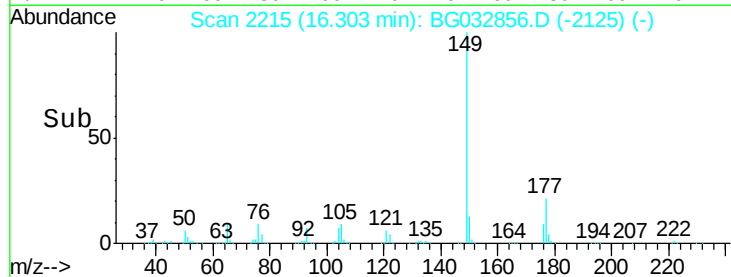
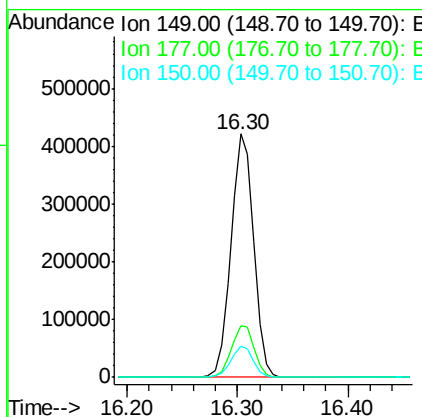
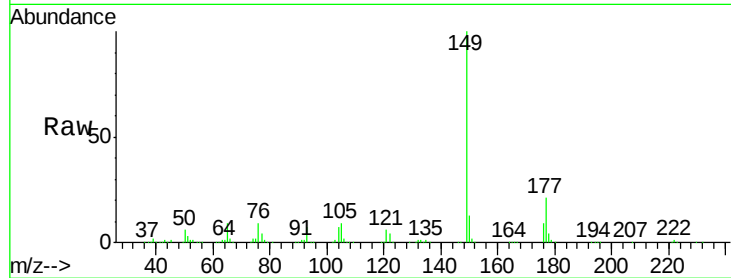
#59
Diethylphthalate
Concen: 38.162 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.5	27.7
150	12.9	10.2	15.2

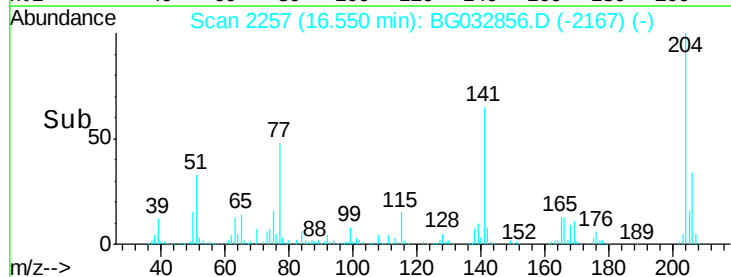
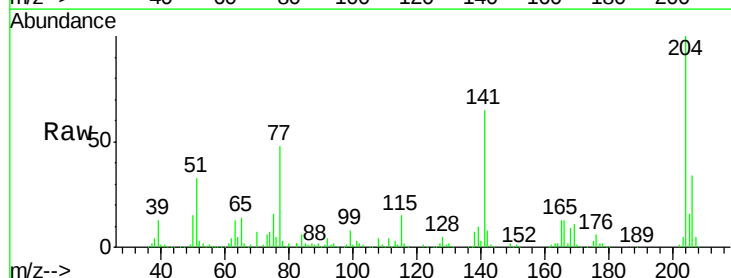
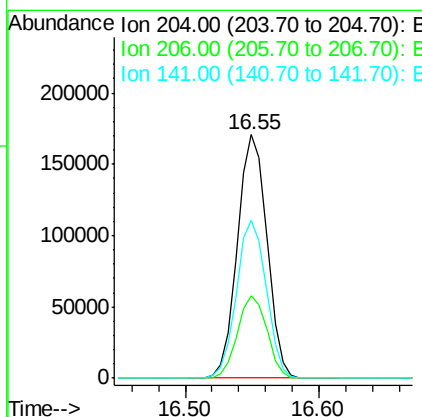
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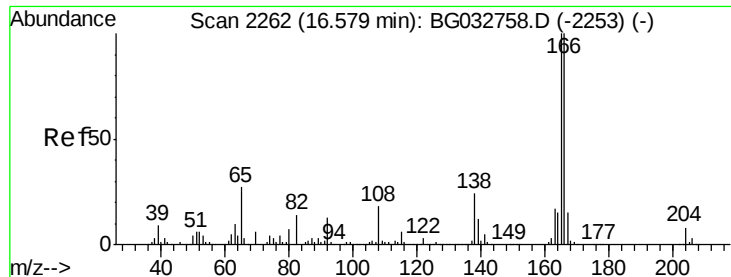
Sohil
2/28/2018 1:01:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.665 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	64.9	45.8	68.6





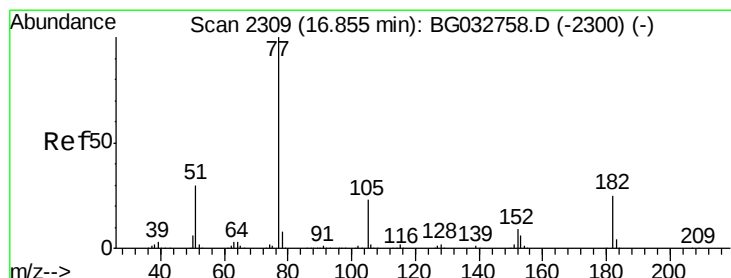
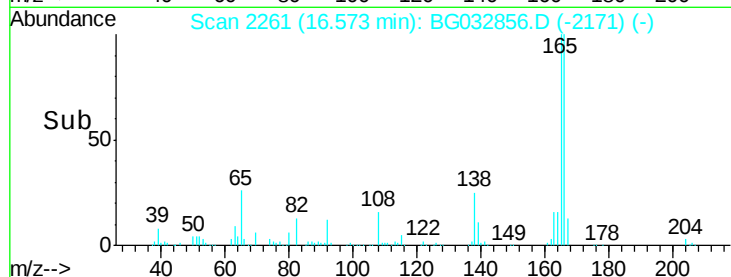
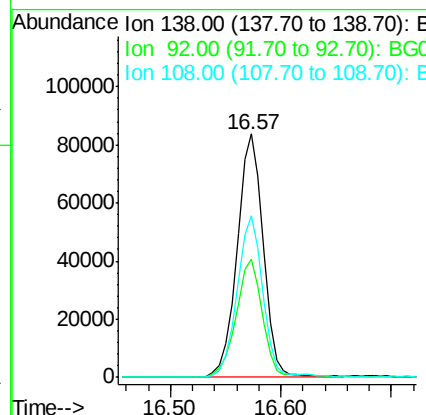
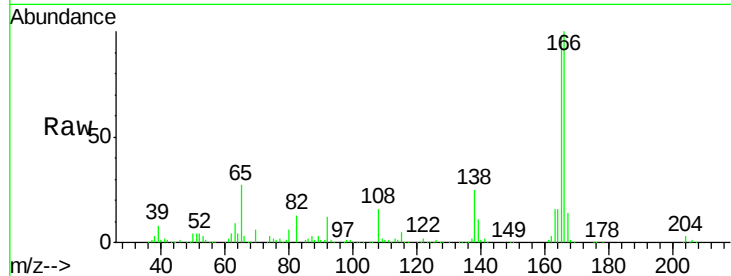
#61
4-Nitroaniline
Concen: 43.481 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	139161		
92	48.7	40.1	80.1	
108	66.2	65.4	105.4	

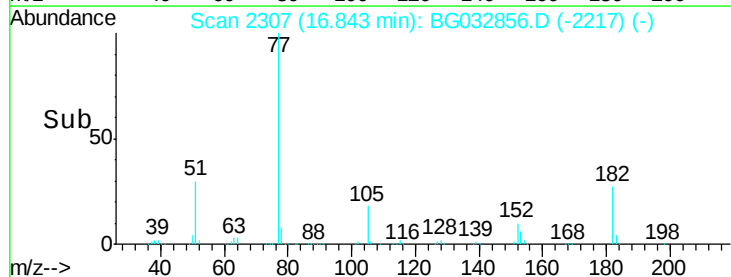
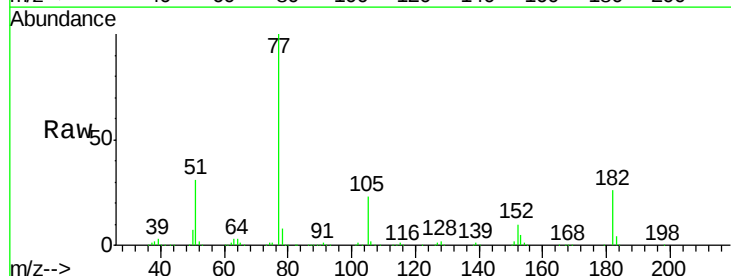
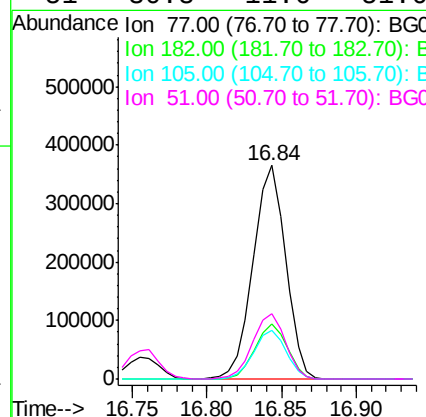
Manual Integrations
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#62
Azobenzene
Concen: 38.951 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	550452		
182	25.9	7.4	47.4	
105	22.6	0.3	40.3	
51	30.8	11.6	51.6	





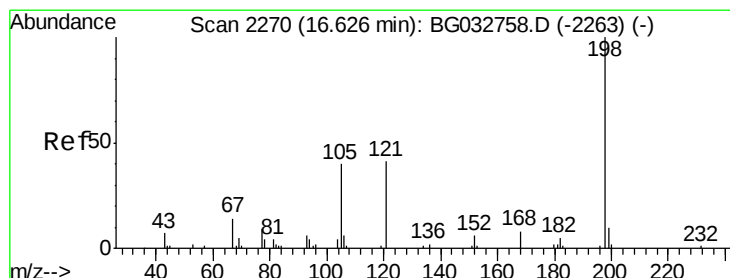
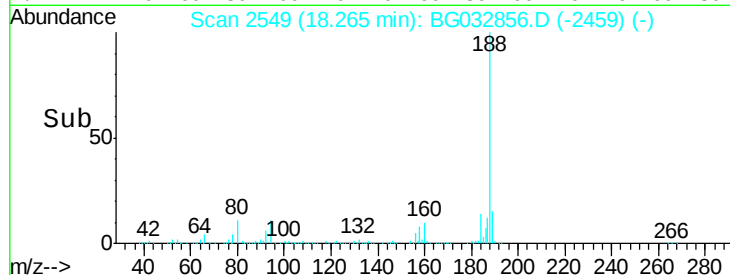
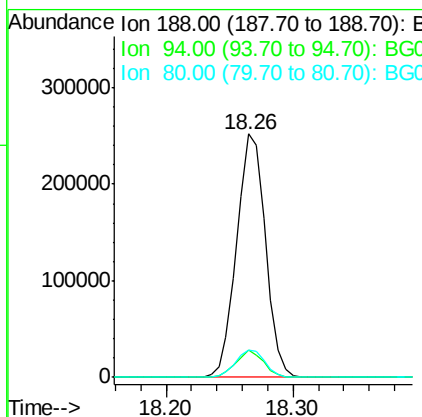
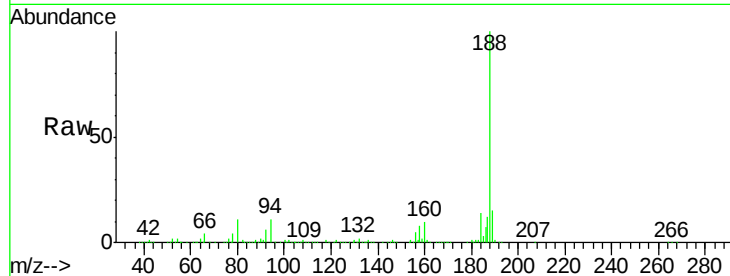
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	396086		
94	11.0	6.9	10.3	
80	11.4	7.7	11.5	

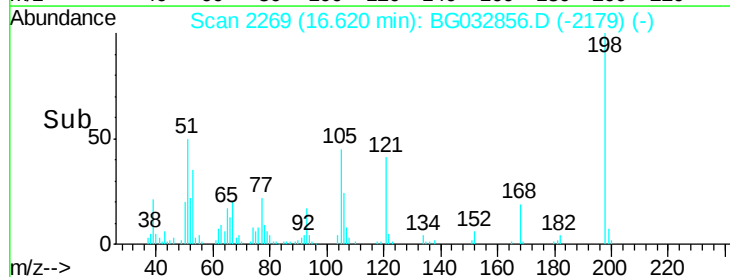
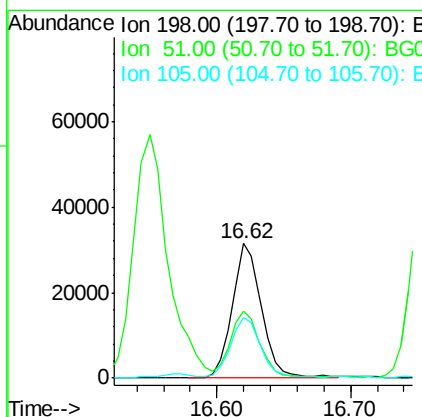
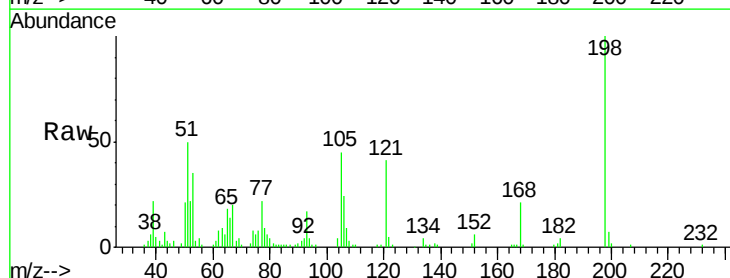
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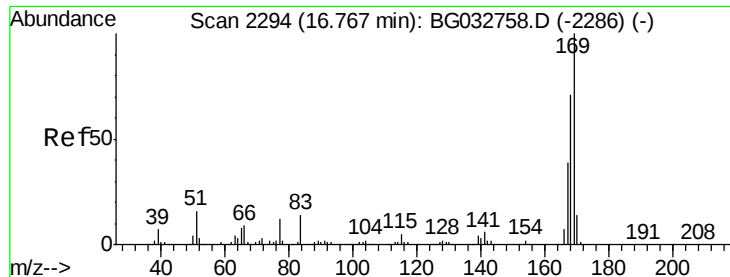
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.424 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	47930		
51	49.8	30.6	70.6	
105	45.1	23.8	63.8	





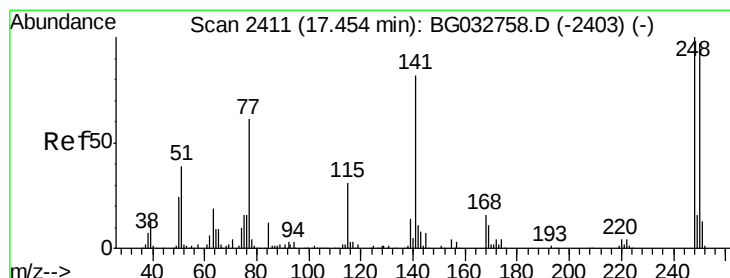
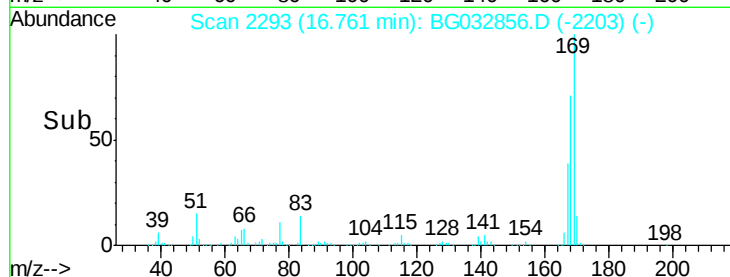
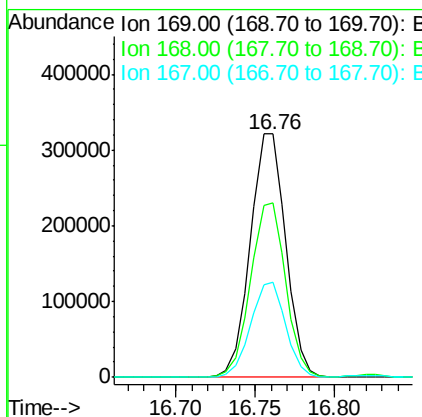
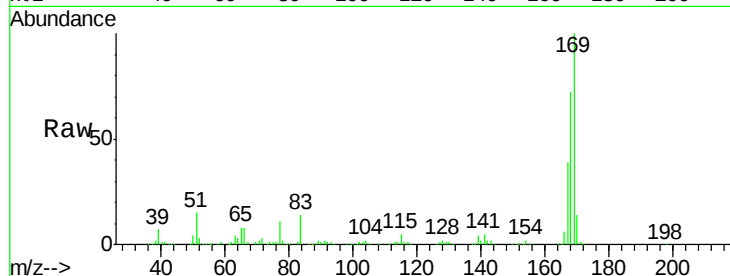
#65
 n-Nitrosodiphenylamine
 Concen: 38.724 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.5	55.7	83.5
167	39.3	30.1	45.1

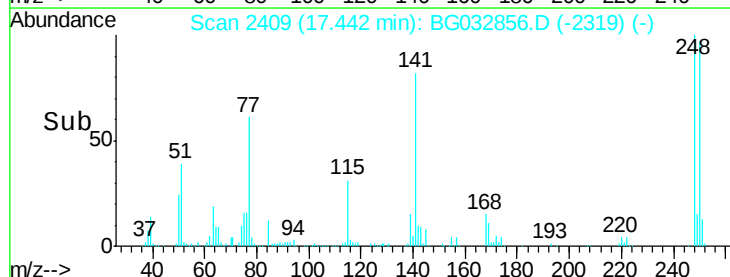
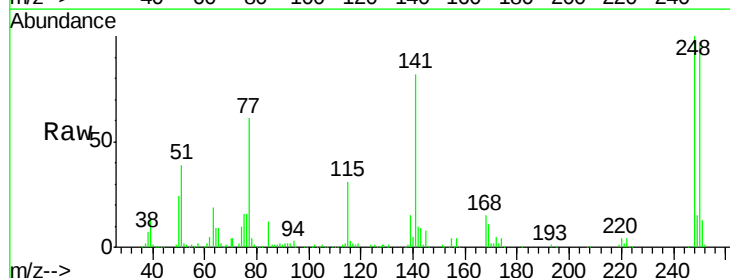
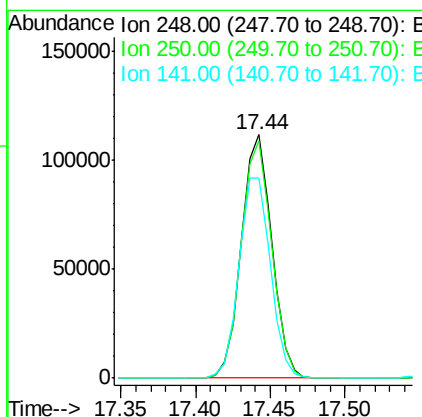
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#66
 4-Bromophenyl-phenylether
 Concen: 37.590 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	82.0	50.8	76.2





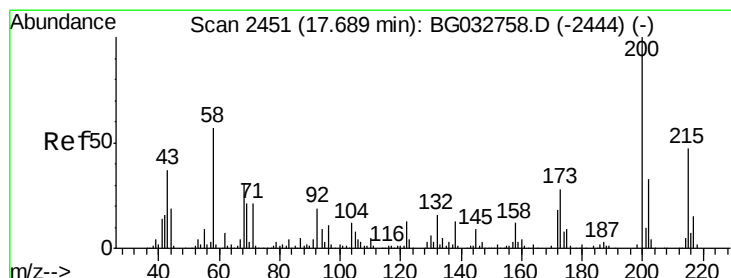
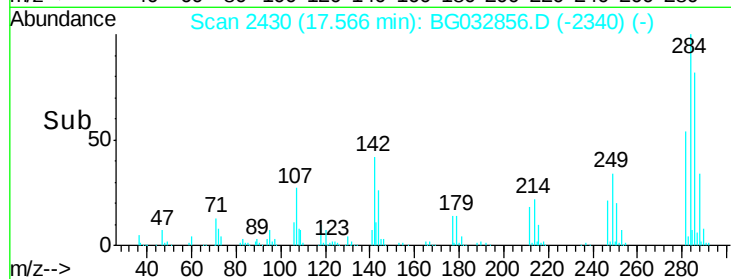
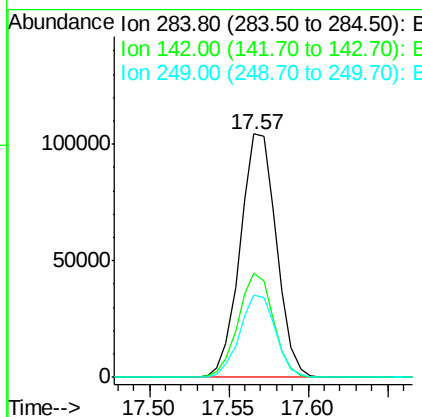
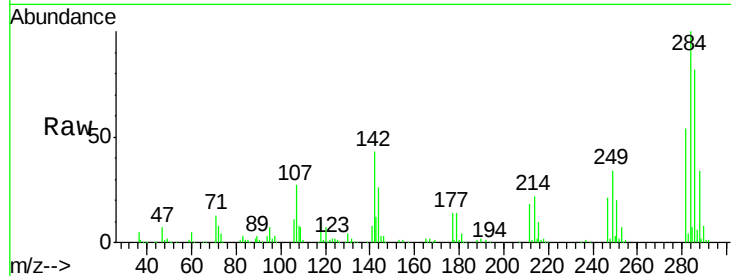
#67
Hexachlorobenzene
Concen: 36.466 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	165047		
142	42.5	26.8	40.2#	
249	33.8	26.3	39.5	

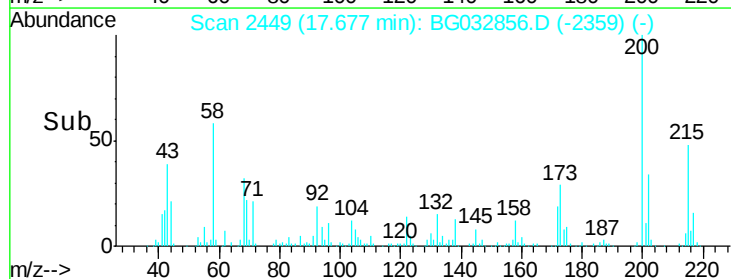
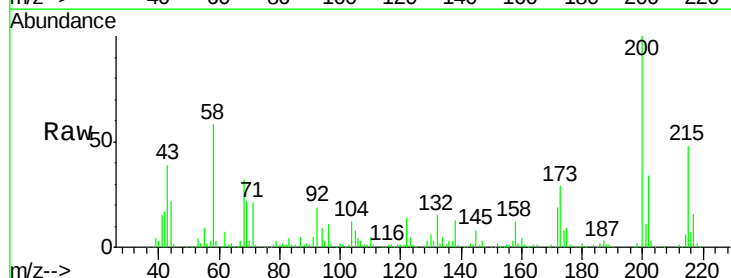
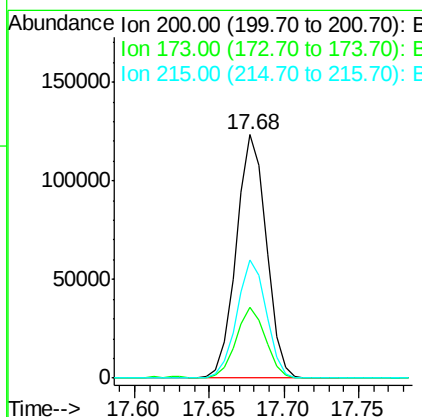
Manual Integrations
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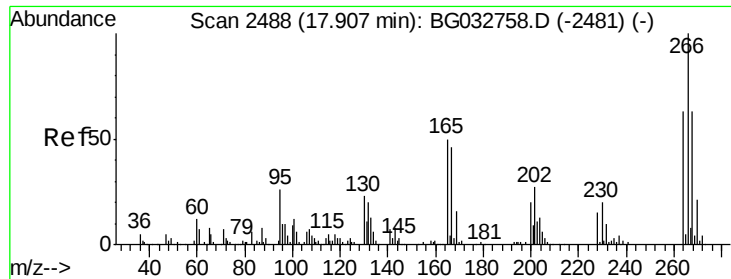
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#68
Atrazine
Concen: 40.755 ng
RT: 17.68 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	172858		
173	29.3	5.2	45.2	
215	48.5	30.4	70.4	





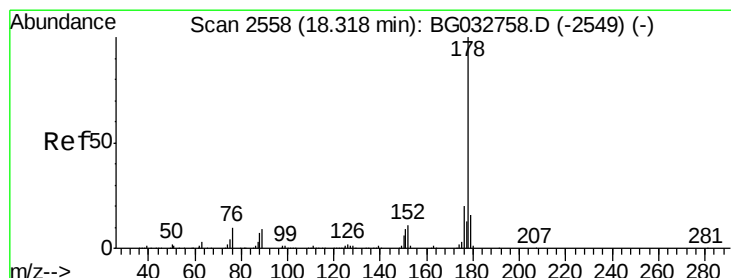
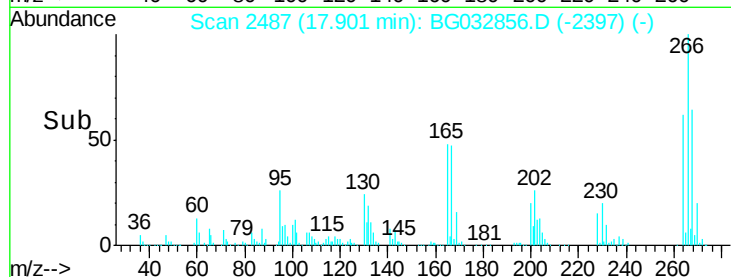
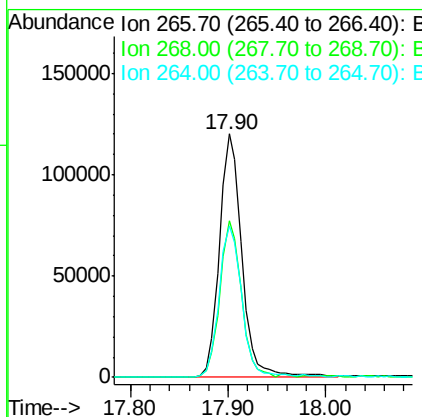
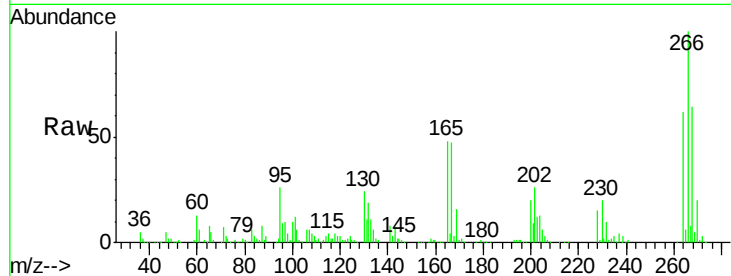
#69
 Pentachlorophenol
 Concen: 67.495 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	62.3	49.6	74.4

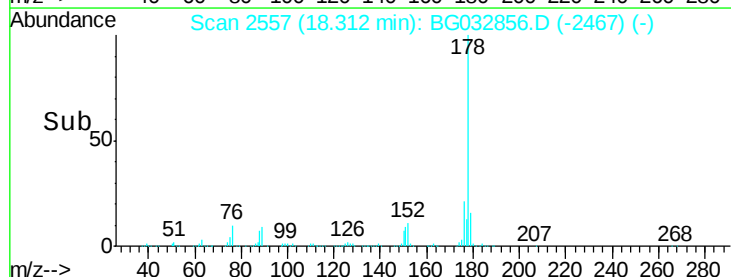
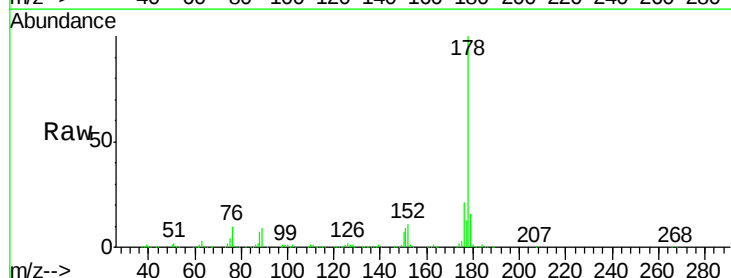
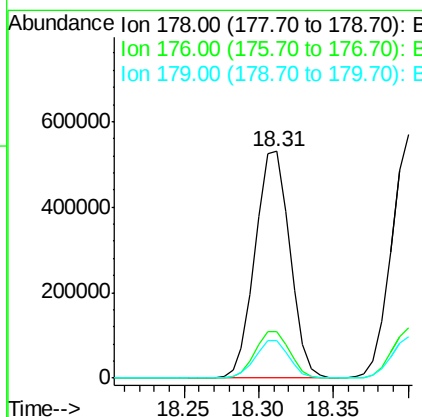
Manual Integrations
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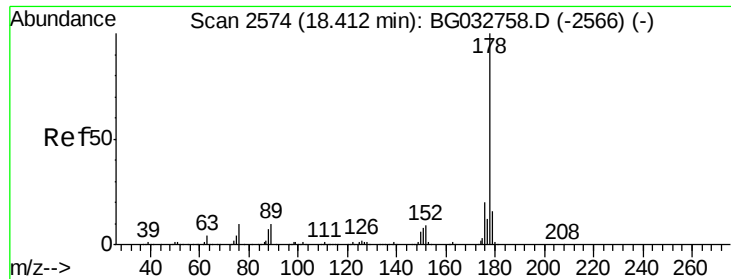
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#70
 Phenanthrene
 Concen: 38.711 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	16.5	12.5	18.7





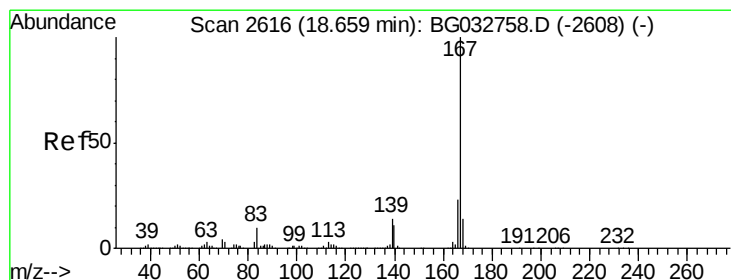
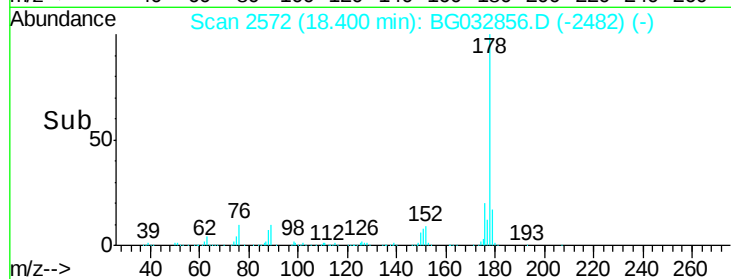
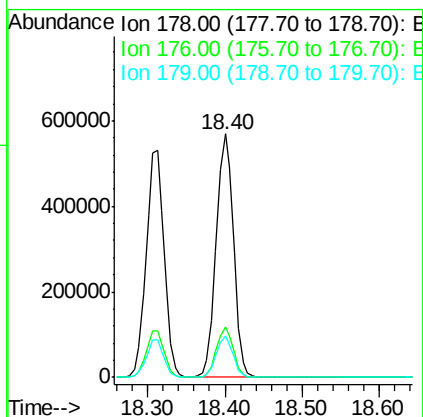
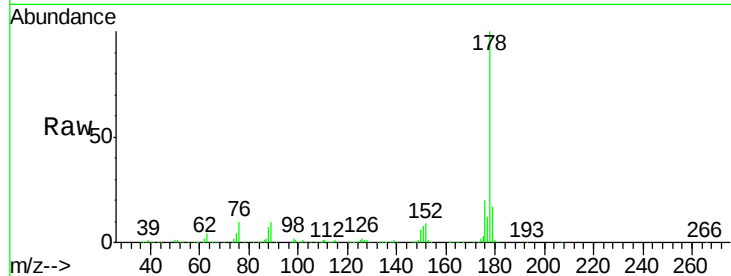
#71
 Anthracene
 Concen: 39.572 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.8	12.5	18.7

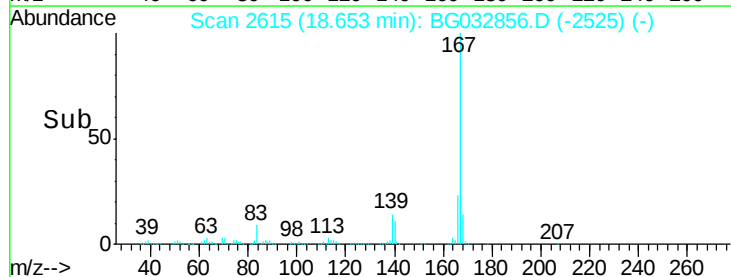
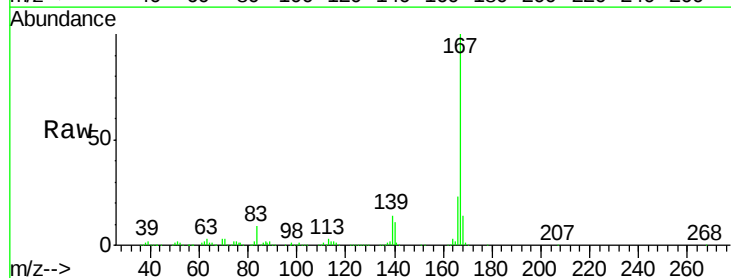
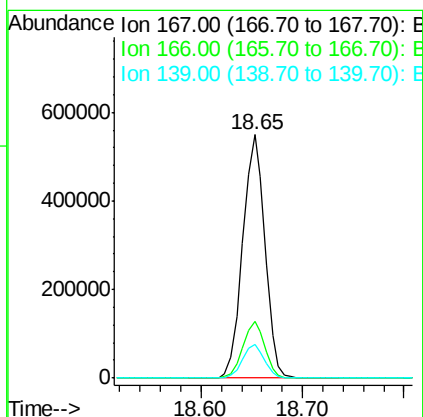
Manual Integrations
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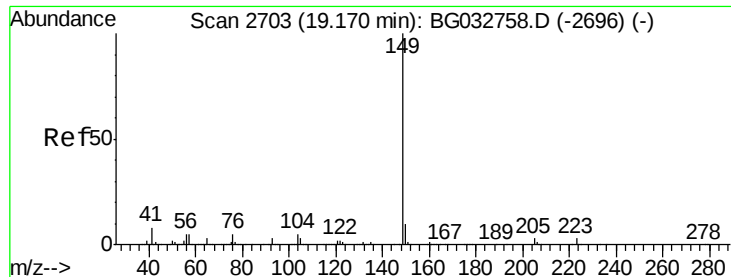
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#72
 Carbazole
 Concen: 38.131 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.8	9.4	14.2





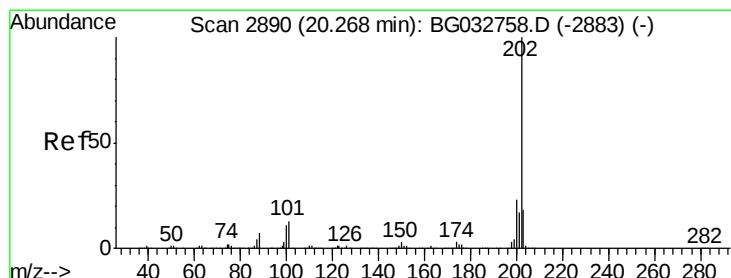
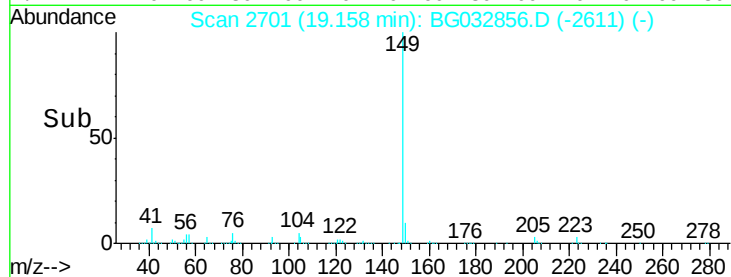
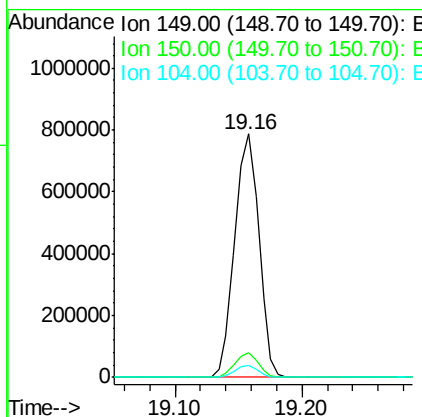
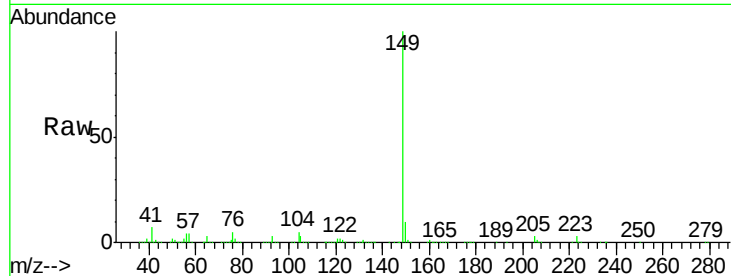
#73
Di-n-butylphthalate
Concen: 38.727 ng
RT: 19.16 min Scan# 2701
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :
PB106878BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	7.8	11.6	
104	5.0	3.9	5.9	

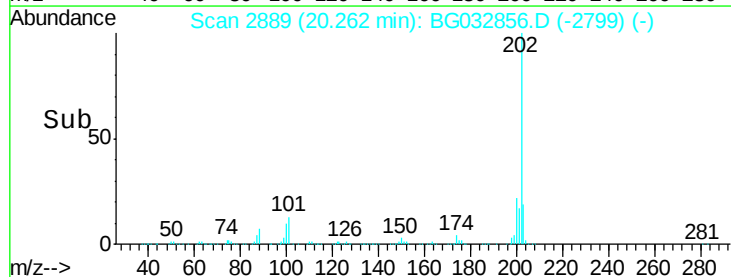
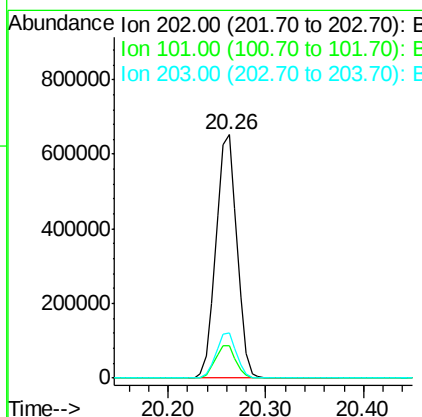
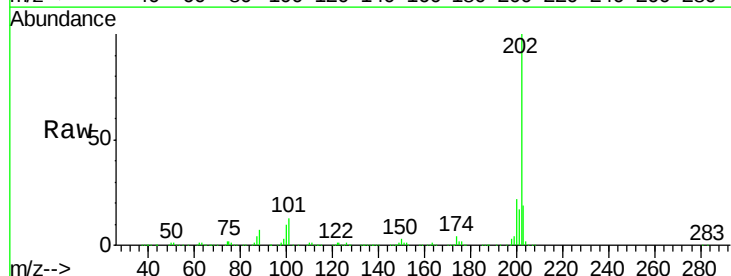
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#74
Fluoranthene
Concen: 39.641 ng
RT: 20.26 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	13.4	0.0	28.9	
203	18.7	0.0	37.5	





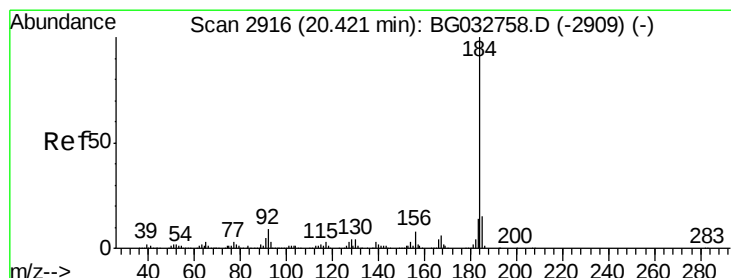
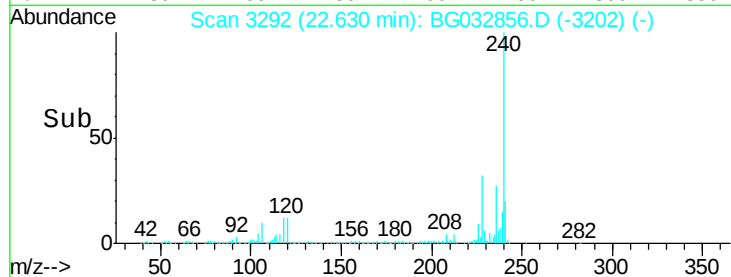
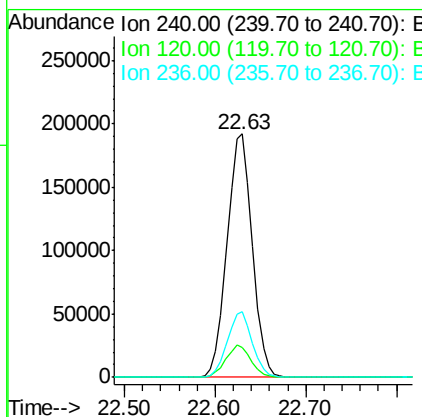
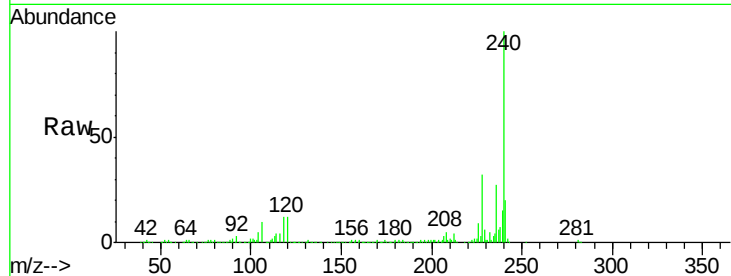
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleID :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	6.8	10.2#
236	26.9	20.9	31.3

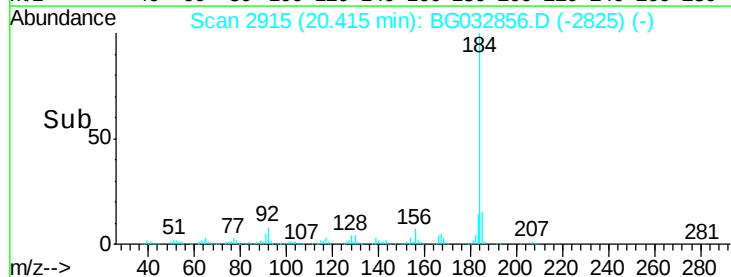
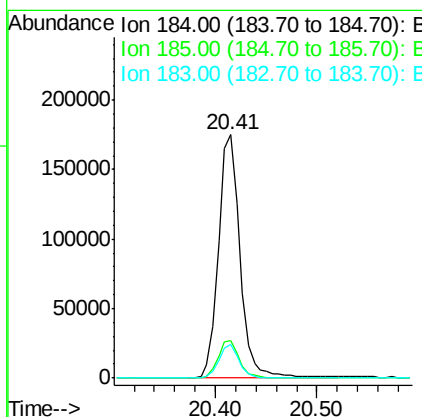
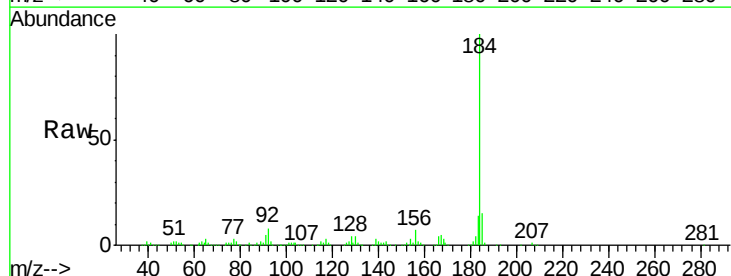
Manual Integrations
 APPROVED

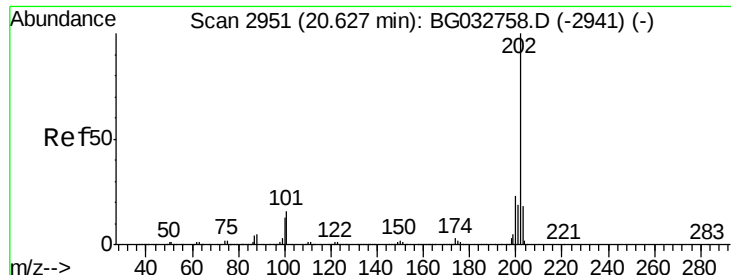
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#76
 Benzidine
 Concen: 20.522 ng
 RT: 20.41 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	13.6	10.6	16.0





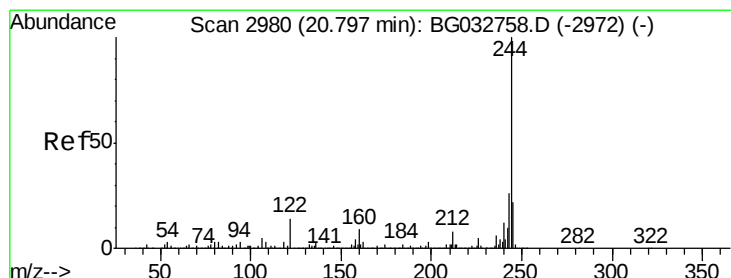
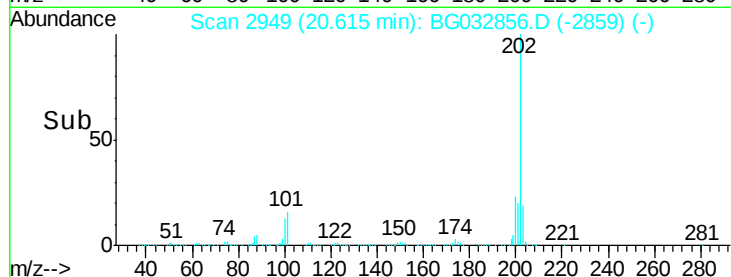
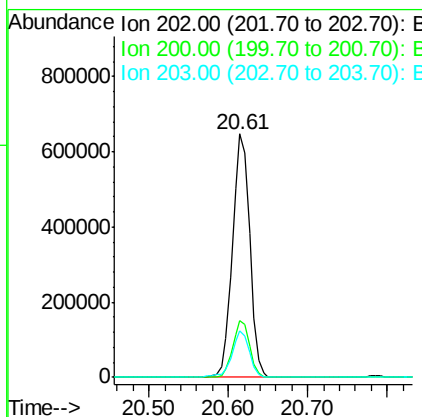
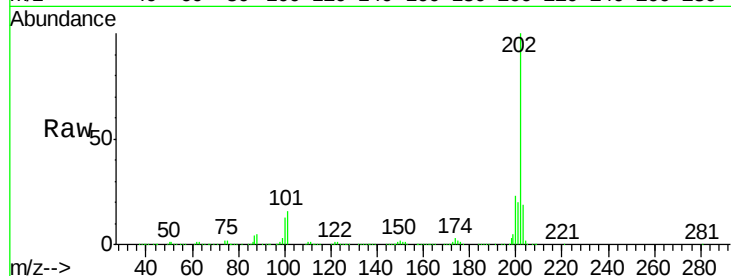
#77
Pvrene
Concen: 37.141 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	19.0	13.9	20.9

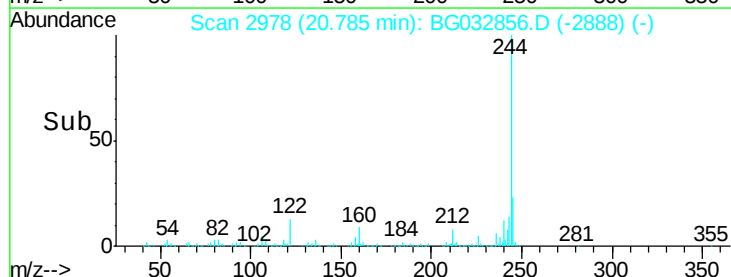
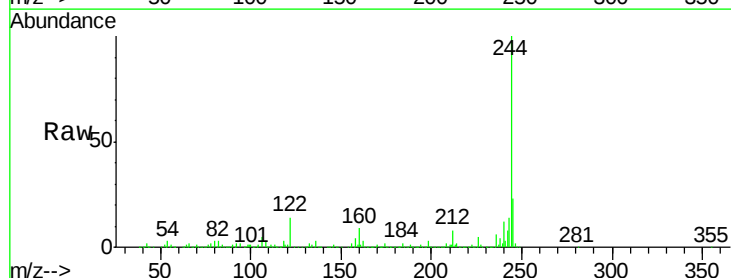
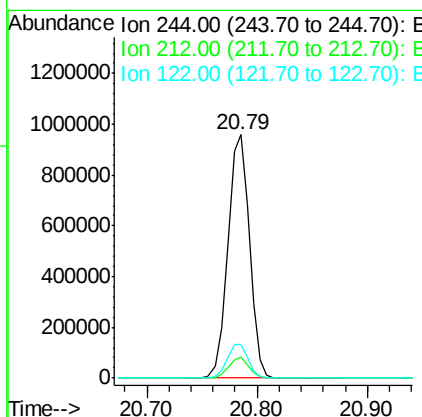
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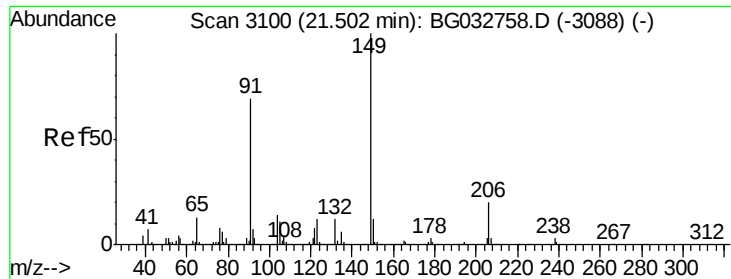
Sohil
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#78
Terphenyl-d14
Concen: 79.279 ng
RT: 20.79 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	13.8	7.0	10.4#





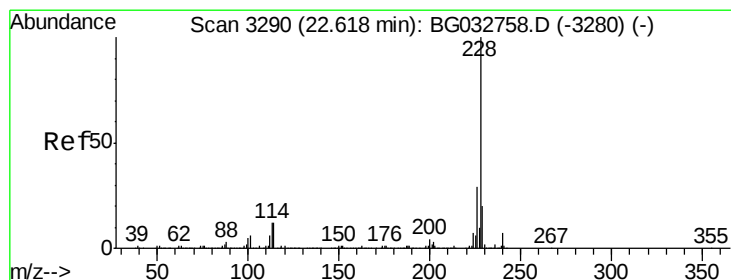
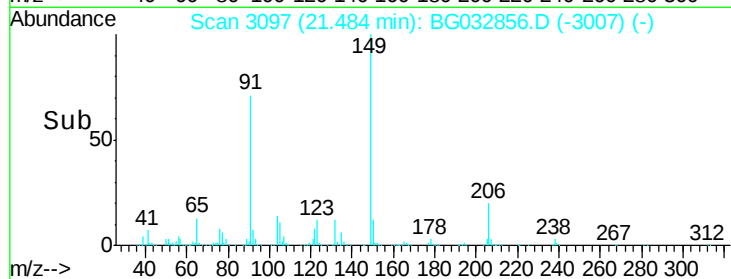
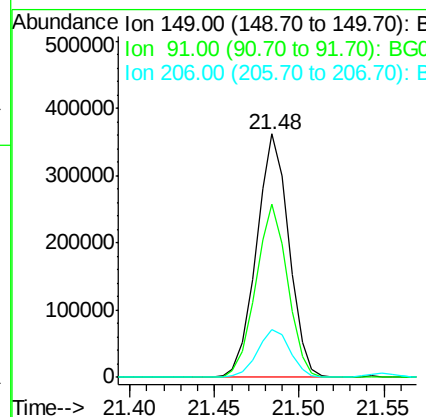
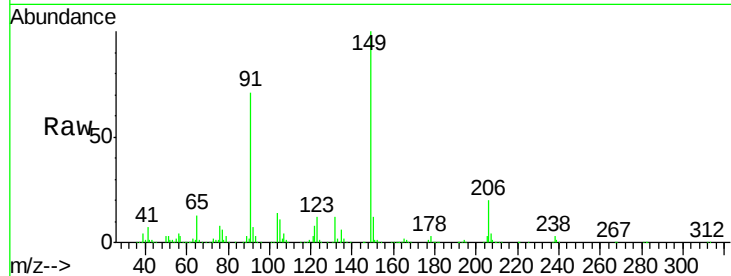
#79
Butylbenzylphthalate
Concen: 41.647 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	62.2	93.2
206	19.7	18.6	27.8

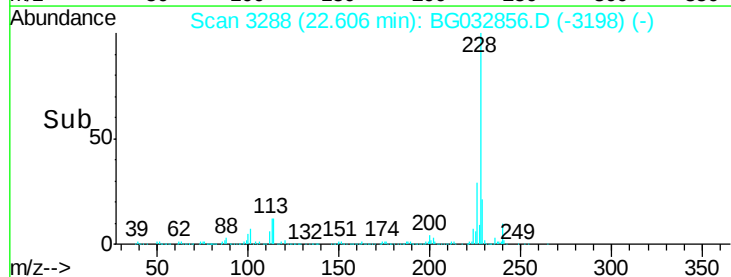
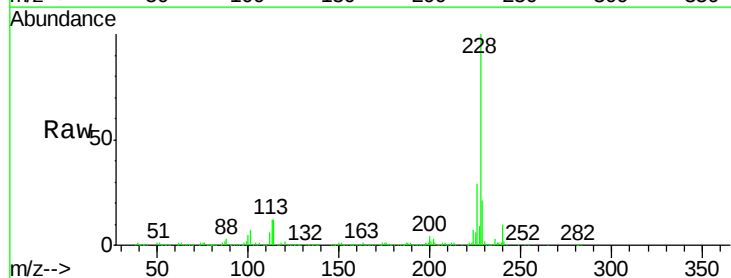
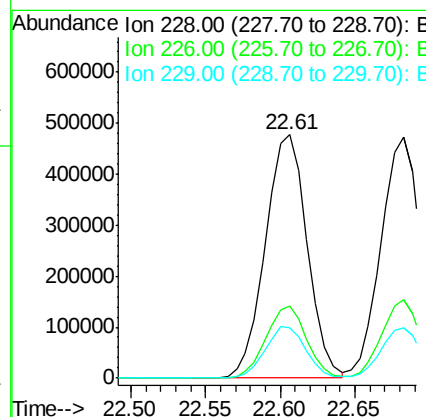
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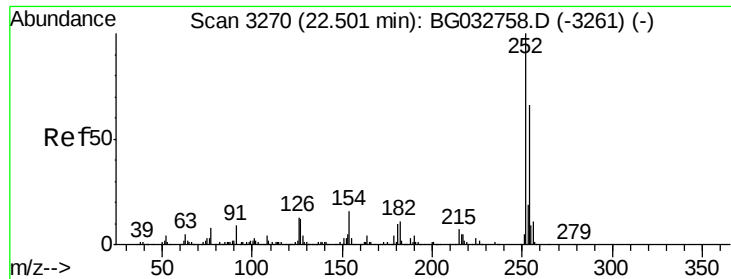
Sohil
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#80
Benzo(a)anthracene
Concen: 38.945 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	20.5	16.2	24.2





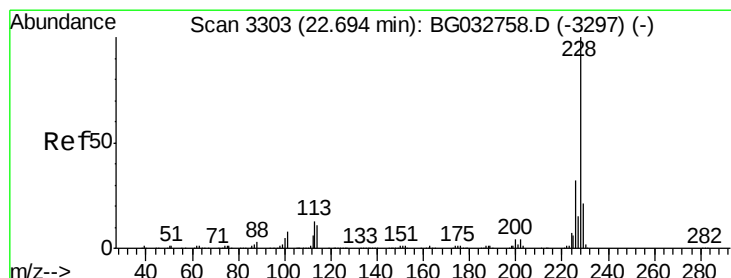
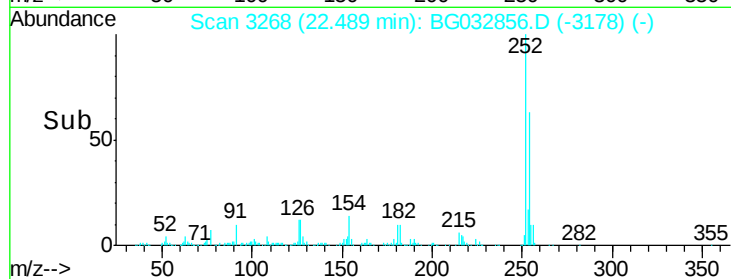
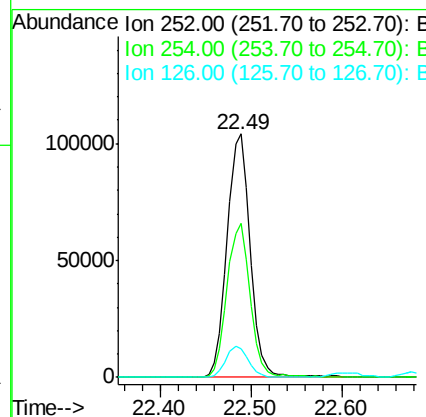
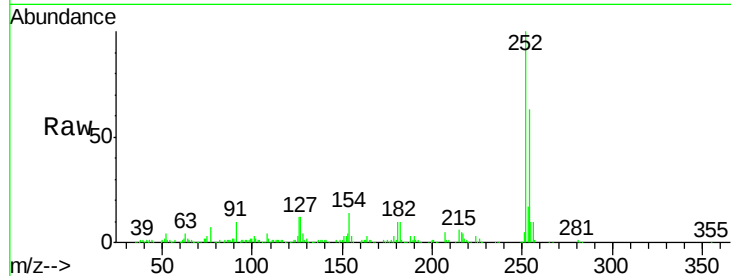
#81
 3,3'-Dichlorobenzidine
 Concen: 20.983 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampled :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.8	76.2
126	11.9	7.4	11.2

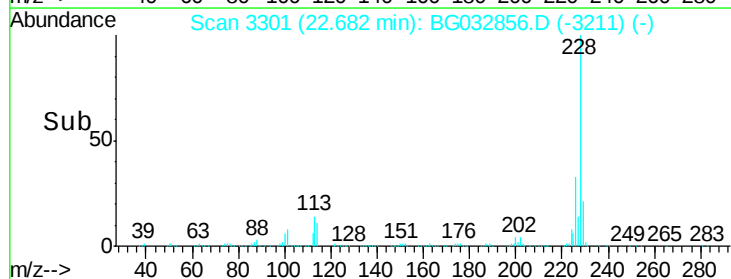
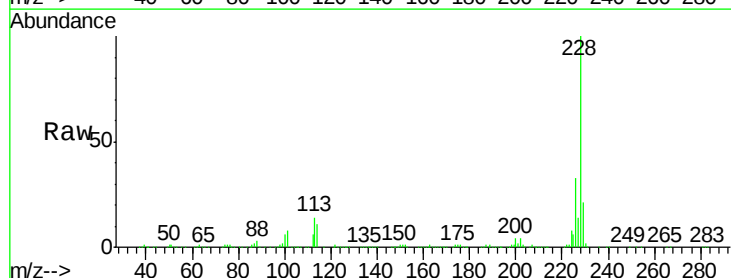
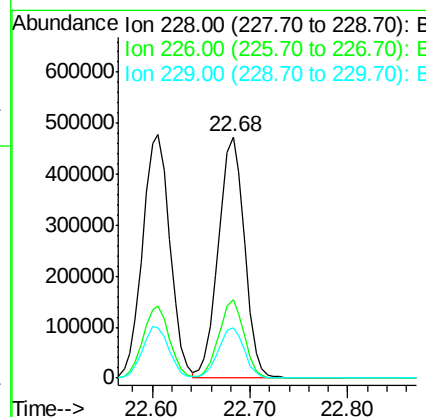
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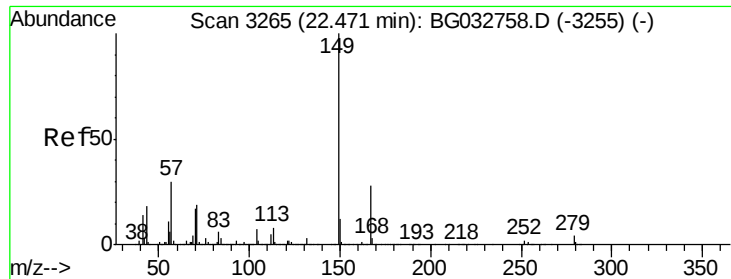
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#82
 Chrysene
 Concen: 38.370 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.156 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

PB106878BS

Tot Ion:149 Resp: 691728

Ion Ratio Lower Upper

149 100

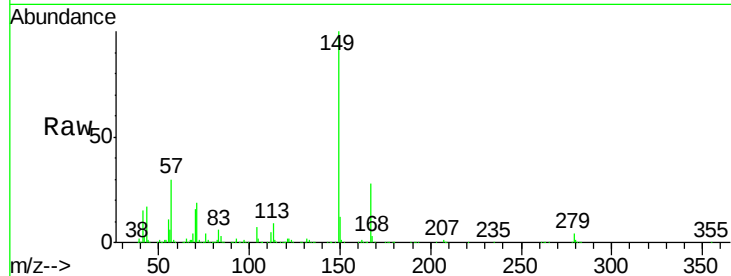
167 28.2 24.3 36.5

279 3.8 4.0 6.0#

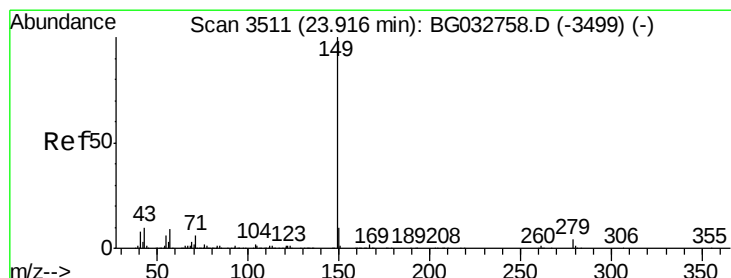
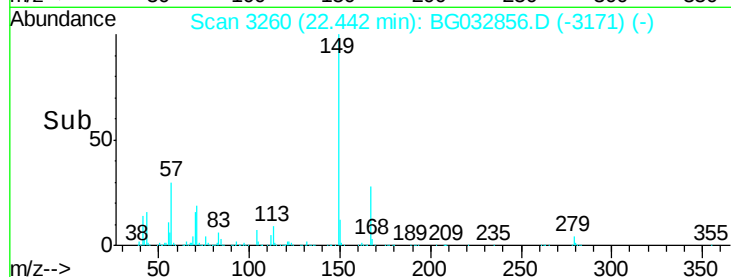
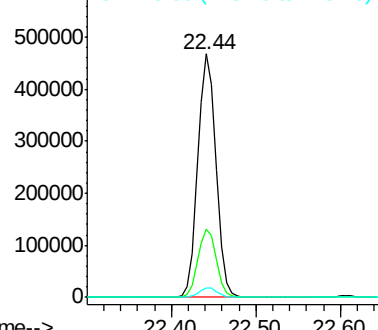
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.769 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

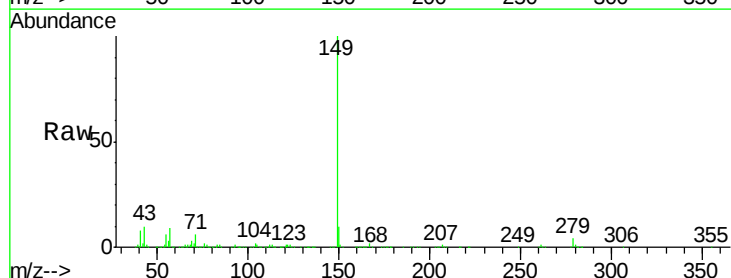
Tgt Ion:149 Resp: 1201747

Ion Ratio Lower Upper

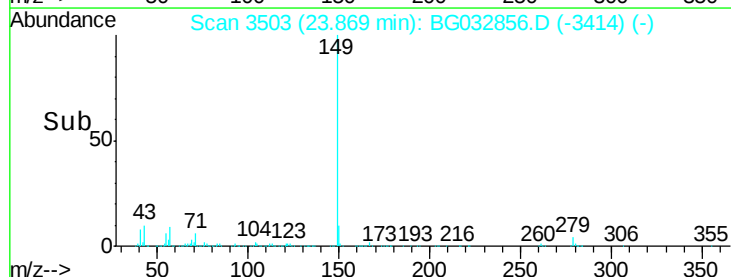
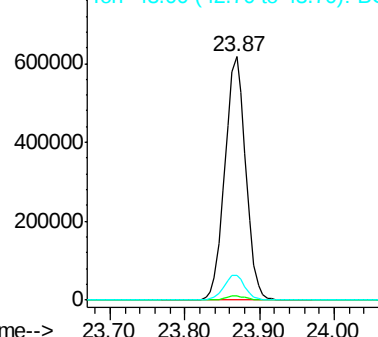
149 100

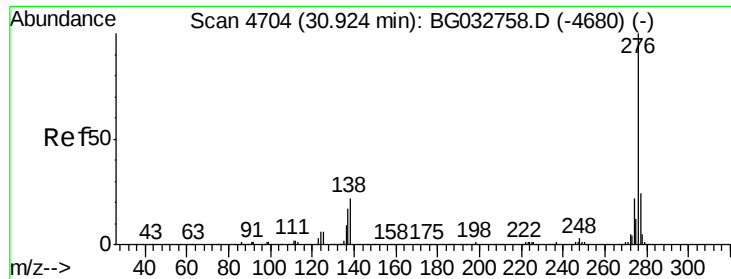
167 1.7 1.4 2.0

43 10.0 8.9 13.3



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.139 ng

RT: 30.87 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

PB106878BS

Tot Ion:276 Resp: 1067258

Ion Ratio Lower Upper

276 100

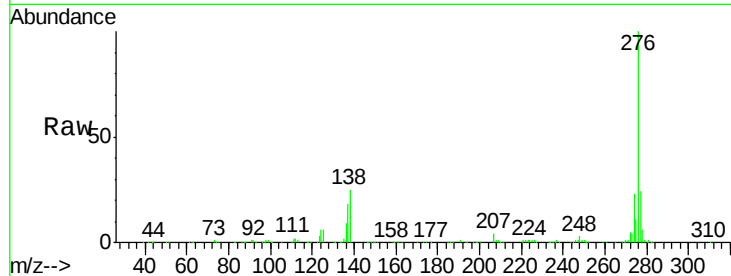
138 21.4 16.0 24.0

277 26.4 20.0 30.0

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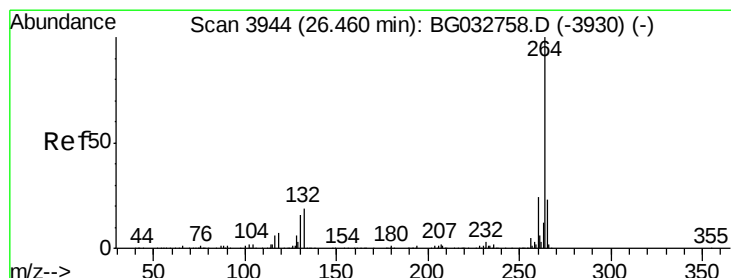
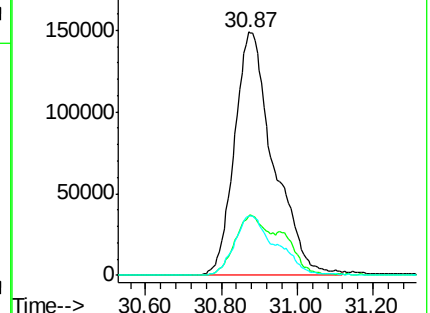
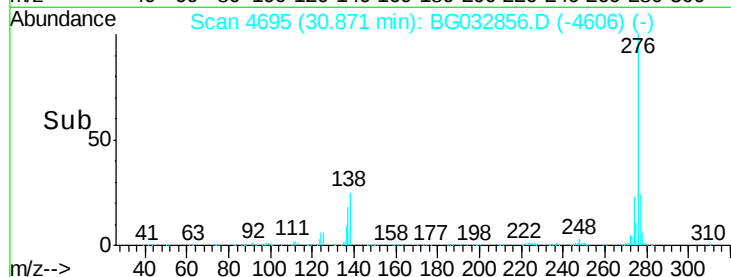
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

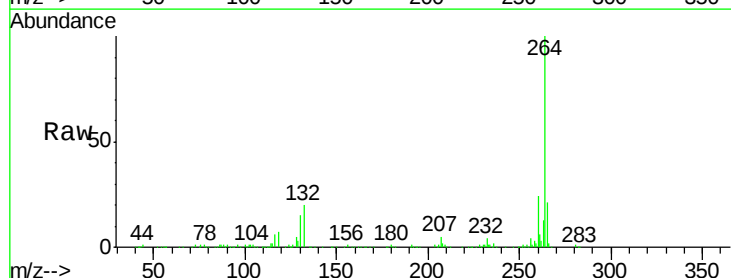
Tgt Ion:264 Resp: 406290

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

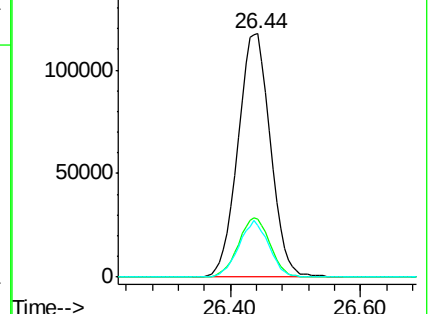
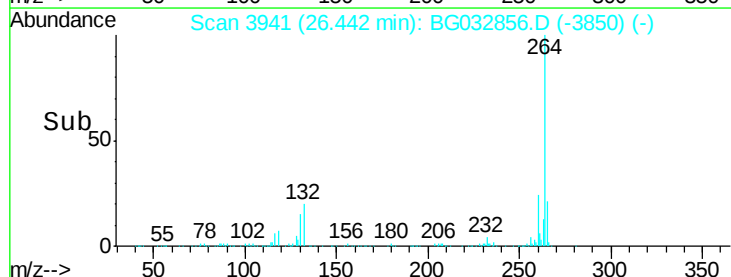
265 21.1 17.7 26.5

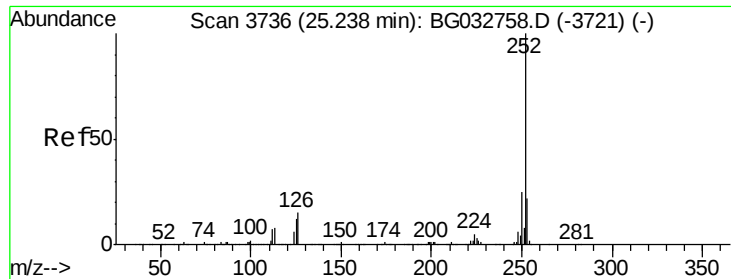


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.544 ng

RT: 25.21 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

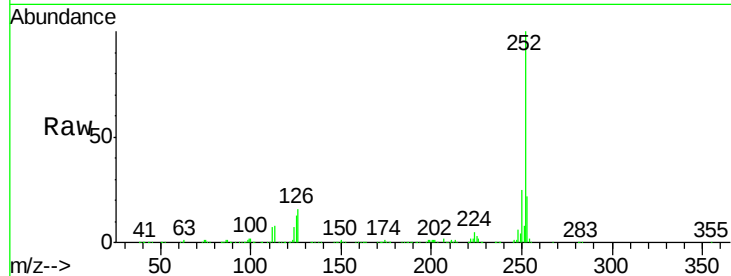
ClientSampleId :

PB106878BS

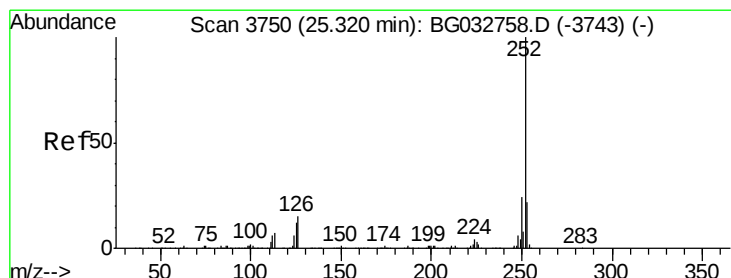
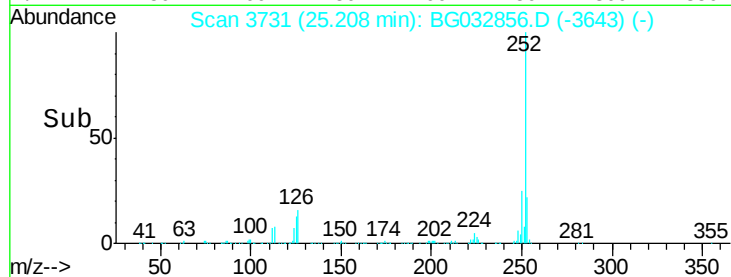
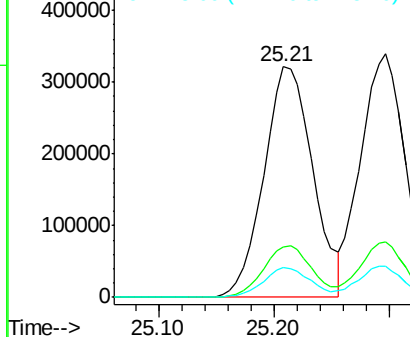
Tot Ion:	252	Resp:	949950
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	12.8	7.2	10.8#

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



#88

Benzo(k)fluoranthene

Concen: 38.212 ng

RT: 25.30 min Scan# 3746

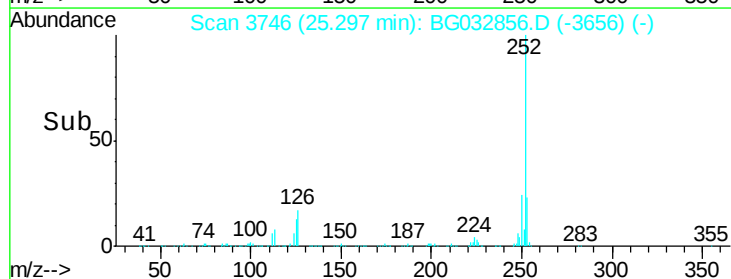
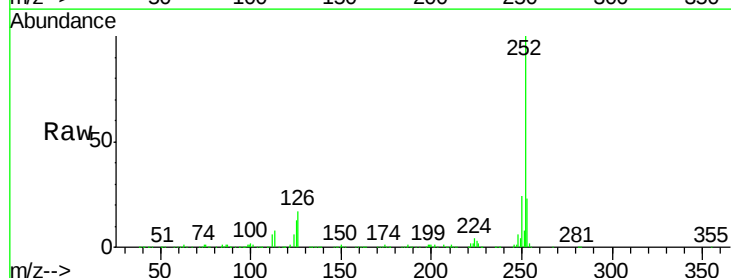
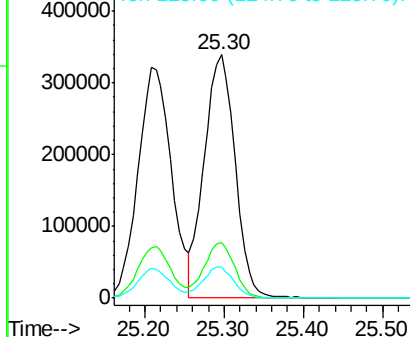
Delta R.T. -0.00 min

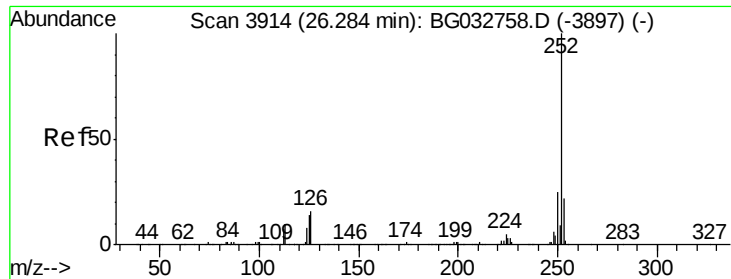
Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion:	252	Resp:	912300
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	12.6	6.6	9.8#

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





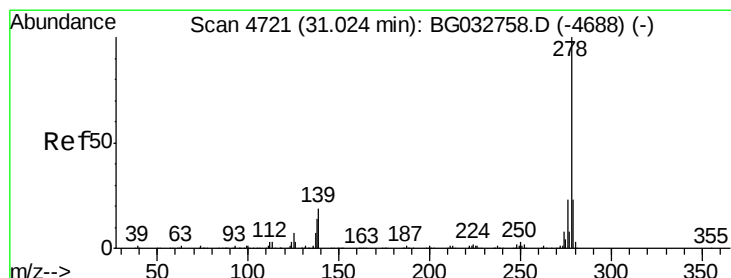
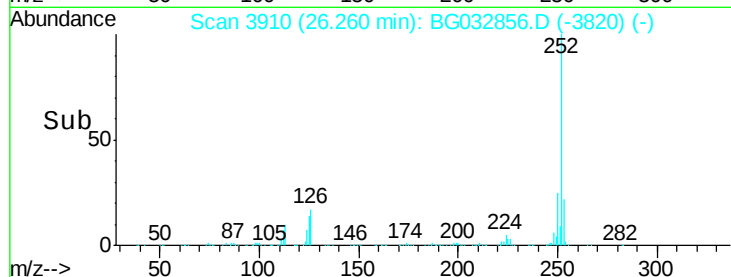
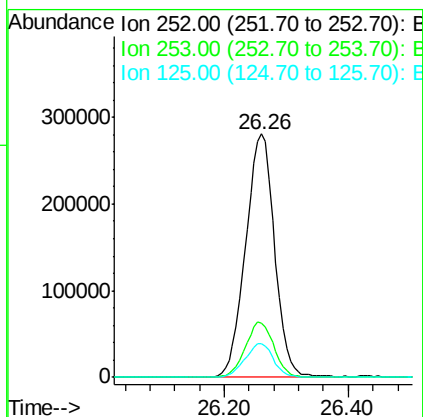
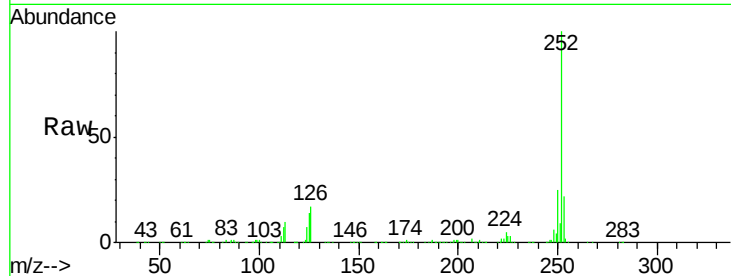
#89
Benzo(a)pyrene
Concen: 39.982 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :
PB106878BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	14.1	7.3	10.9

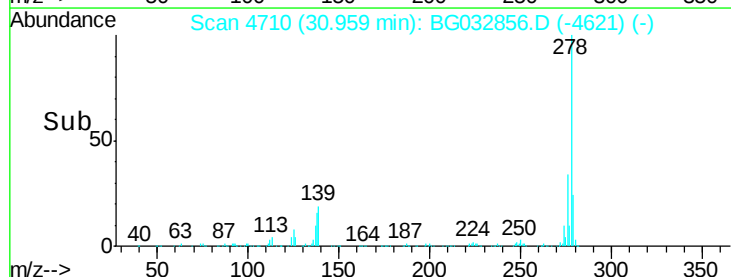
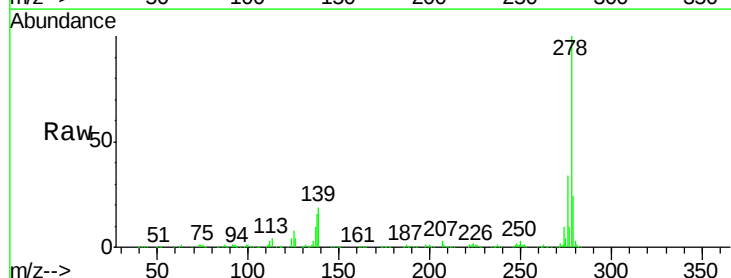
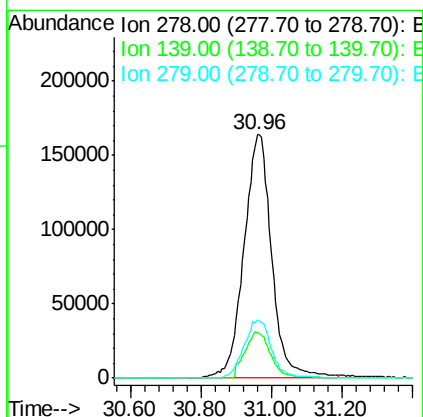
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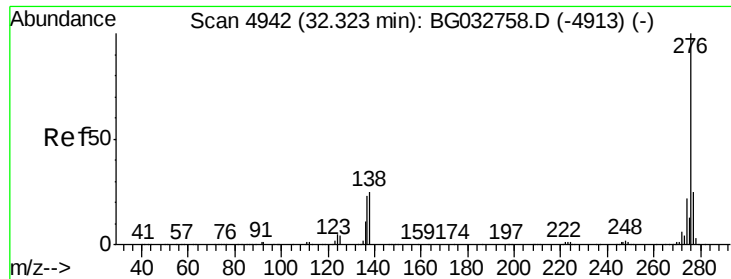
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#90
Dibenzo(a,h)anthracene
Concen: 38.958 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	9.8	14.6
279	24.1	18.4	27.6





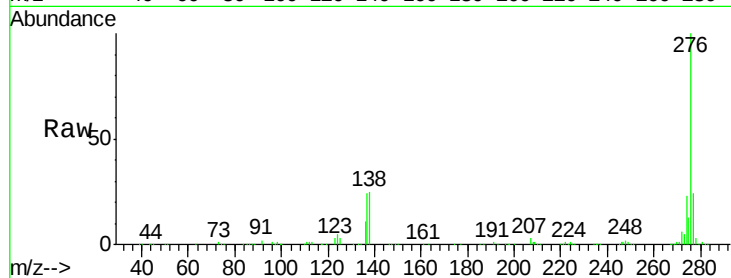
#91
 Benzo(a,h,i)perylene
 Concen: 39.335 ng
 RT: 32.27 min Scan# 4933
 Delta R.T. -0.01 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB106878BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	24.9	13.9	20.9

Manual Integrations
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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

