

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033402.D
 Acq On : 29 Mar 2018 1:14
 Operator : SJ/JU
 Sample : PB107692BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:06 PM

Quant Time: Mar 29 07:48:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40251	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	170529	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	123592	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317550	20.00	ng	0.00
75) Chrysene-d12	22.57	240	325843	20.00	ng	0.00
86) Perylene-d12	26.33	264	361802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	369497	172.13	ng	0.00
7) Phenol-d6	7.99	99	557347	151.11	ng	0.00
23) Nitrobenzene-d5	10.07	82	331284	89.25	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	266582	144.22	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	819373	95.71	ng	0.00
78) Terphenyl-d14	20.73	244	1410234	92.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	43762	40.144	ng	88
3) Pyridine	4.39	79	117661	39.045	ng	94
4) n-Nitrosodimethylamine	4.29	42	55878	45.184	ng	# 94
6) Aniline	8.16	93	49286	11.363	ng	95
8) 2-Chlorophenol	8.42	128	129767	52.880	ng	90
9) Benzaldehyde	7.97	77	73590m	31.396	ng	
10) Phenol	8.02	94	190991	52.449	ng	89
11) bis(2-Chloroethyl)ether	8.25	93	128170	43.122	ng	99
12) 1,3-Dichlorobenzene	8.75	146	134905	42.048	ng	96
13) 1,4-Dichlorobenzene	8.90	146	133951	41.689	ng	93
14) 1,2-Dichlorobenzene	9.23	146	137407	43.816	ng	99
15) Benzyl Alcohol	9.11	79	144786	49.859	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.39	45	206864	42.692	ng	89
17) 2-Methylphenol	9.31	107	120203	48.456	ng	# 87
18) Hexachloroethane	9.99	117	53815	43.395	ng	88
19) n-Nitroso-di-n-propylamine	9.68	70	113962	42.167	ng	# 95
20) 3+4-Methylphenols	9.65	107	170758	48.346	ng	91
22) Acetophenone	9.71	105	203747	43.611	ng	# 98
24) Nitrobenzene	10.12	77	181416	45.664	ng	92
25) Isophorone	10.63	82	331512	46.019	ng	99
26) 2-Nitrophenol	10.84	139	77272	51.374	ng	# 87
27) 2,4-Dimethylphenol	10.87	122	135156	61.856	ng	91
28) bis(2-Chloroethoxy)methane	11.11	93	177402	49.356	ng	99
29) 2,4-Dichlorophenol	11.39	162	149150	55.505	ng	96
30) 1,2,4-Trichlorobenzene	11.60	180	153792	44.051	ng	97
31) Naphthalene	11.80	128	398283	45.071	ng	99
32) Benzoic acid	11.07	122	34452m	16.961	ng	
33) 4-Chloroaniline	11.90	127	44234	11.173	ng	95
34) Hexachlorobutadiene	12.06	225	115299	43.671	ng	96
35) Caprolactam	12.67	113	49024	46.569	ng	95
36) 4-Chloro-3-methylphenol	12.97	107	175512	50.079	ng	93
37) 2-Methylnaphthalene	13.35	142	303170	44.201	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	208189	46.504	ng	98
40) Hexachlorocyclopentadiene	13.68	237	232859	88.728	ng	95

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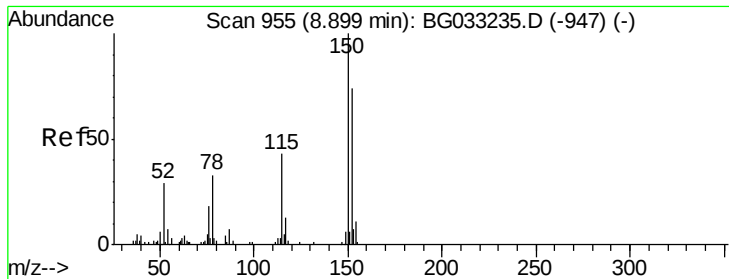
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	138741	53.340	ng	97
43) 2,4,5-Trichlorophenol	14.02	196	148854	48.417	ng	97
45) 1,1'-Biphenyl	14.32	154	430544	45.343	ng	97
46) 2-Chloronaphthalene	14.38	162	332064	45.356	ng	97
47) 2-Nitroaniline	14.58	65	133072	48.527	ng	95
48) Acenaphthylene	15.22	152	541138	44.280	ng	99
49) Dimethylphthalate	14.91	163	476927	44.341	ng	100
50) 2,6-Dinitrotoluene	15.05	165	104816	47.659	ng	94
51) Acenaphthene	15.55	154	341009	43.286	ng	97
52) 3-Nitroaniline	15.39	138	42969	18.636	ng	# 97
53) 2,4-Dinitrophenol	15.59	184	24478	27.082	ng	98
54) Dibenzofuran	15.88	168	535516	46.019	ng	92
55) 4-Nitrophenol	15.68	139	151383	93.370	ng	90
56) 2,4-Dinitrotoluene	15.82	165	150429	46.454	ng	# 92
57) Fluorene	16.52	166	447553	45.145	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	149558	51.673	ng	96
59) Diethylphthalate	16.25	149	472810	45.270	ng	98
60) 4-Chlorophenyl-phenylether	16.50	204	258293	45.324	ng	97
61) 4-Nitroaniline	16.54	138	95142	40.747	ng	# 81
62) Azobenzene	16.79	77	458507	45.319	ng	99
64) 4,6-Dinitro-2-methylphenol	16.58	198	39070	20.567	ng	98
65) n-Nitrosodiphenylamine	16.71	169	424346	46.808	ng	98
66) 4-Bromophenyl-phenylether	17.38	248	176182	47.242	ng	94
67) Hexachlorobenzene	17.52	284	175501	44.591	ng	95
68) Atrazine	17.62	200	173410	47.205	ng	99
69) Pentachlorophenol	17.86	266	175771	65.068	ng	99
70) Phenanthrene	18.26	178	752601	45.507	ng	98
71) Anthracene	18.35	178	789365	47.140	ng	99
72) Carbazole	18.61	167	659184	44.424	ng	99
73) Di-n-butylphthalate	19.10	149	791847	45.847	ng	# 98
74) Fluoranthene	20.21	202	917689	44.841	ng	97
76) Benzidine	20.37	184	192375	21.771	ng	99
77) Pyrene	20.57	202	929490	42.771	ng	98
79) Butylbenzylphthalate	21.43	149	363947	45.383	ng	95
80) Benzo(a)anthracene	22.54	228	949162	45.746	ng	99
81) 3,3'-Dichlorobenzidine	22.43	252	143002	19.368	ng	97
82) Chrysene	22.62	228	899566	44.789	ng	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	518582	46.909	ng	97
84) Di-n-octyl phthalate	23.76	149	889255	52.536	ng	97
85) Indeno(1,2,3-cd)pyrene	30.72	276	1087443	50.078	ng	# 89
87) Benzo(b)fluoranthene	25.12	252	941151	45.025	ng	# 97
88) Benzo(k)fluoranthene	25.20	252	960076	45.413	ng	# 97
89) Benzo(a)pyrene	26.16	252	940740	46.864	ng	# 97
90) Dibenzo(a,h)anthracene	30.79	278	911951	48.229	ng	97
91) Benzo(g,h,i)perylene	32.10	276	903129	48.233	ng	# 94

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



#1

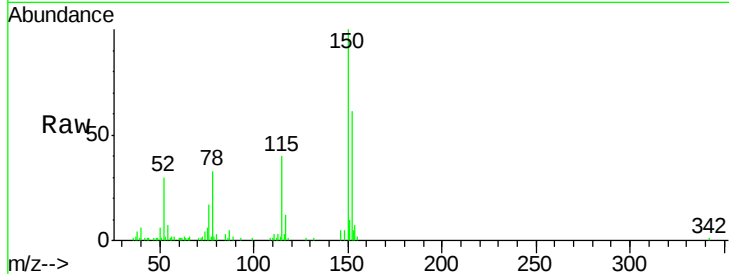
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	126.6	189.8
115	66.0	53.0	79.4

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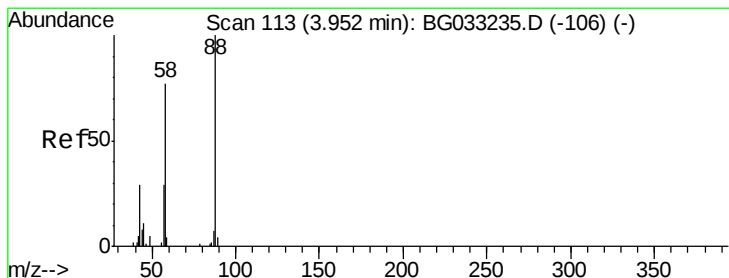
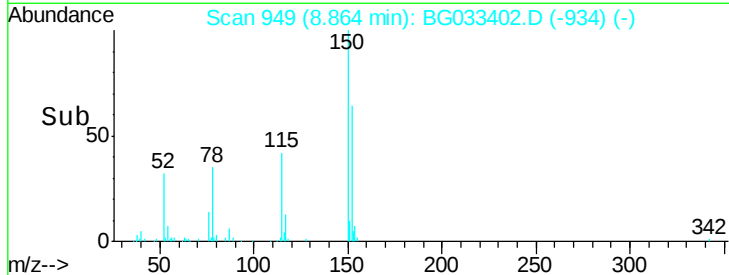
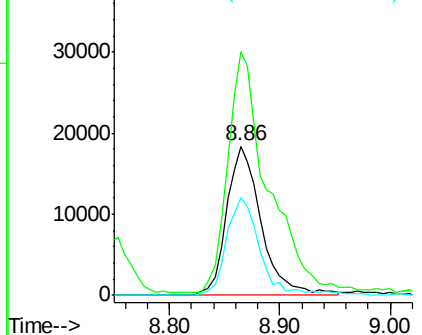


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

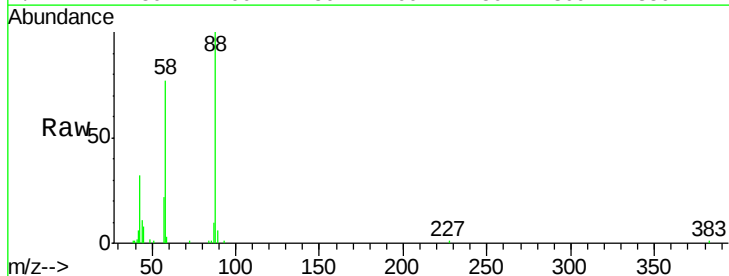
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.144 ng
RT: 3.92 min Scan# 108
Delta R.T. -0.01 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	79.6	119.4
43	37.2	27.4	41.0

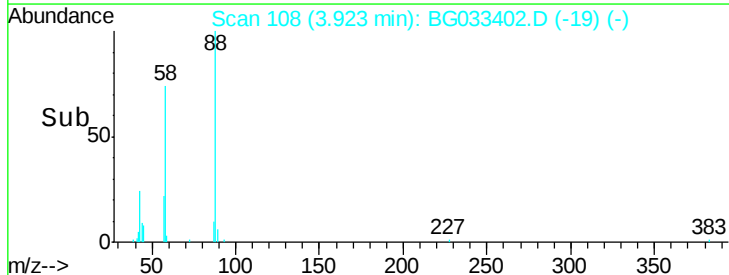
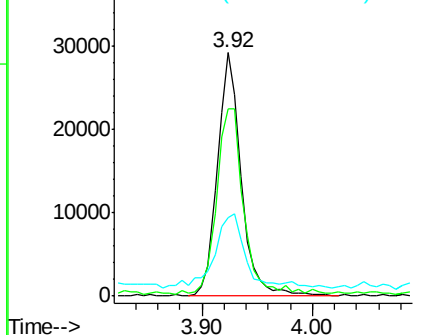


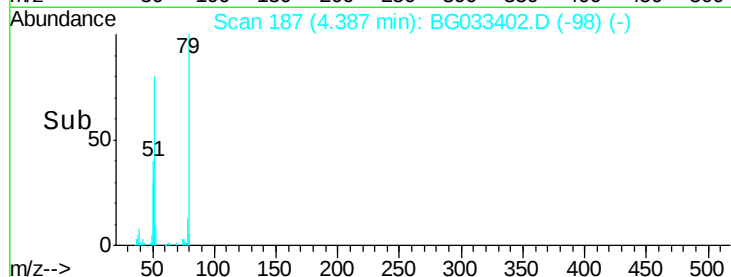
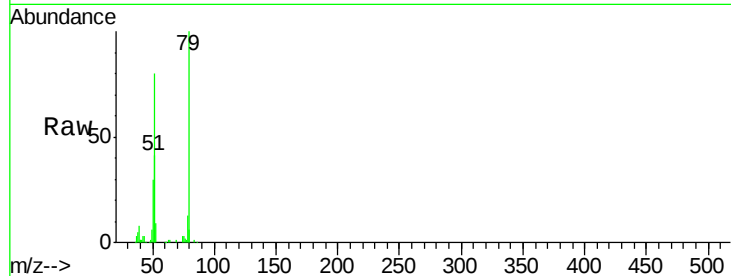
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





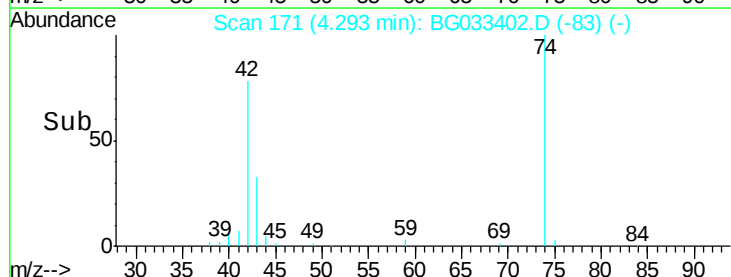
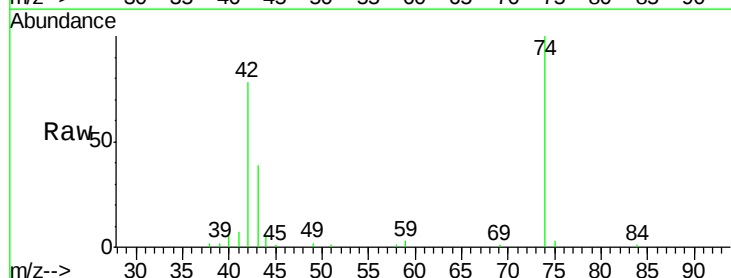
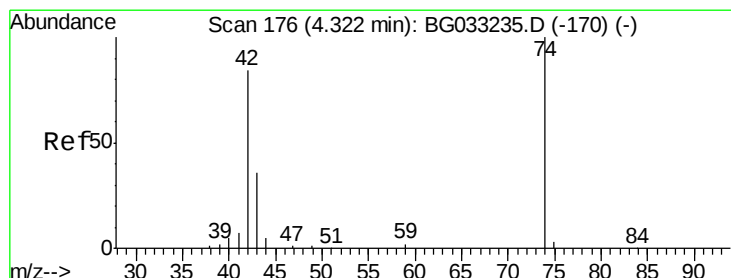
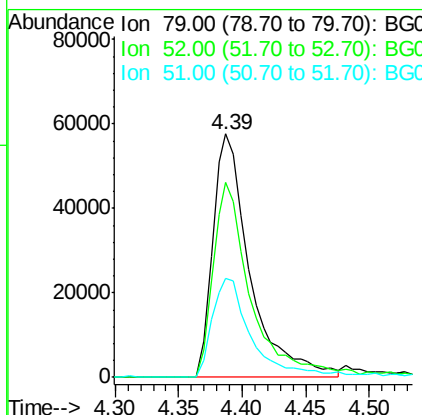
#3
 Pvridine
 Concen: 39.045 ng
 RT: 4.39 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.3	69.9	104.9
51	40.5	34.0	51.0

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 BNA_G
 ClientSampleId :
 PB107692BSD

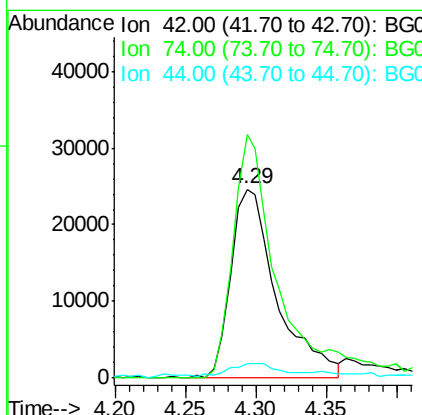
Manual Integrations
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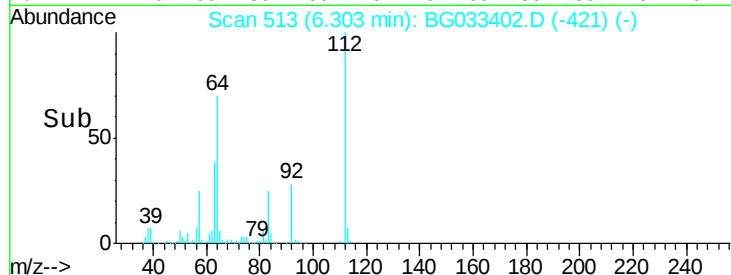
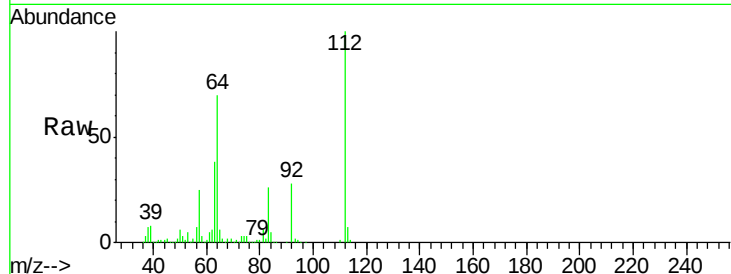
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#4
 n-Nitrosodimethylamine
 Concen: 45.184 ng
 RT: 4.29 min Scan# 171
 Delta R.T. -0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.0	102.5	153.7
44	7.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 172.133 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tot Ion:	112	Resp:	369497
Ion Ratio	Lower	Upper	
112	100		
64	69.7	56.3	84.5
63	38.4	30.1	45.1

Instrument :

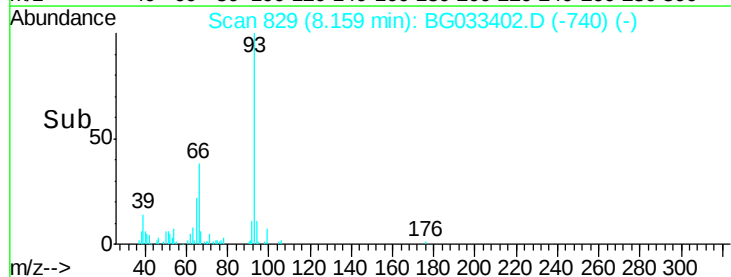
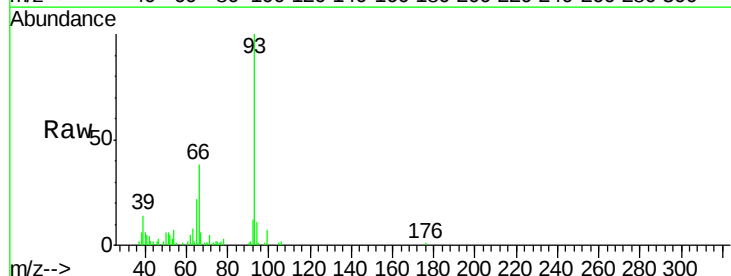
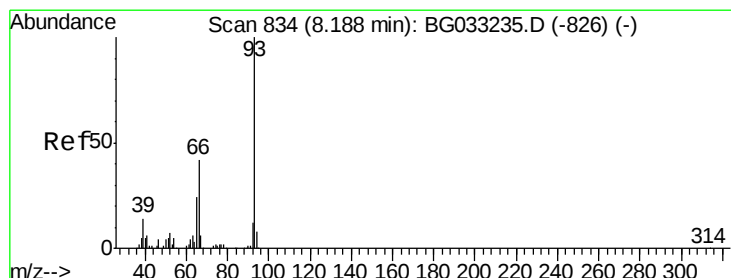
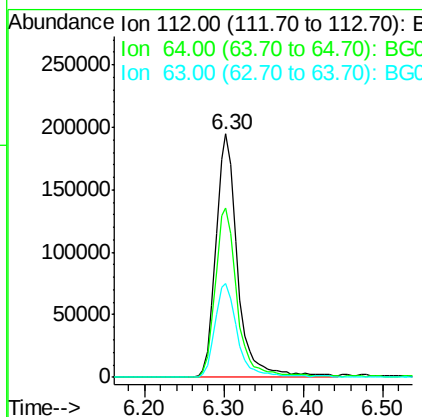
BNA_G

ClientSampled :

PB107692BSD

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#6

Aniline

Concen: 11.363 ng

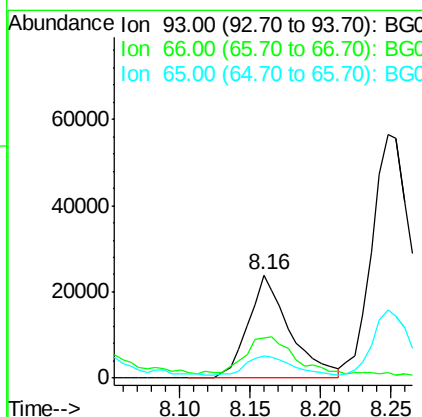
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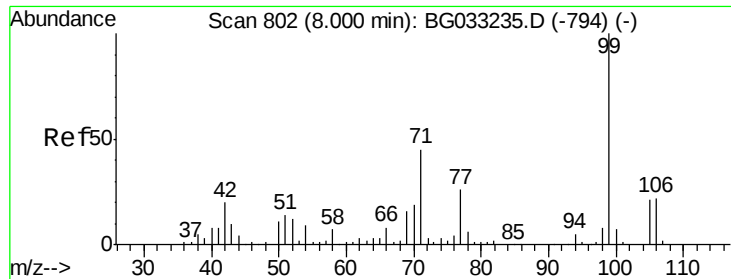
Delta R.T. -0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	93	Resp:	49286
Ion Ratio	Lower	Upper	
93	100		
66	38.4	33.7	50.5
65	22.0	16.1	24.1





#7

Phenol-d6

Concen: 151.113 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

ClientSampleId :

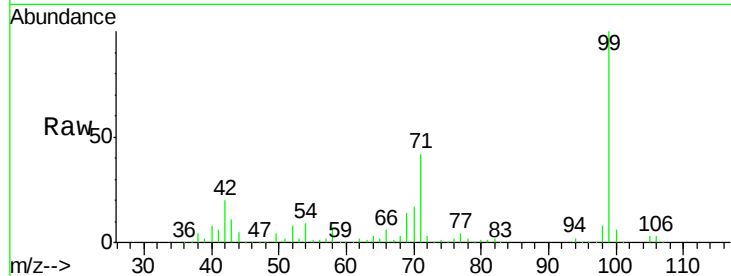
PB107692BSD

Tot Ion: 99 Resp: 557347

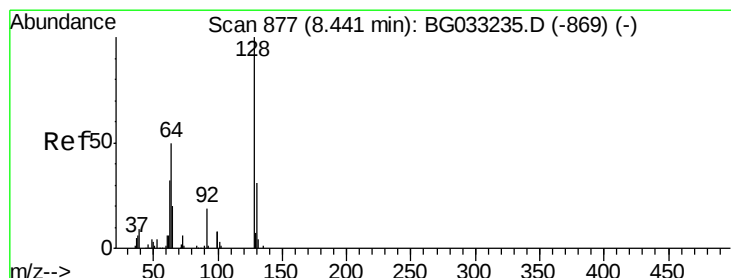
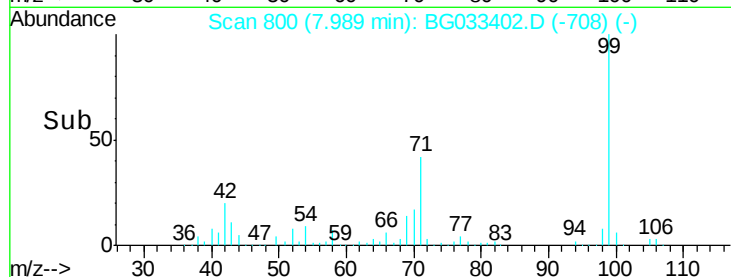
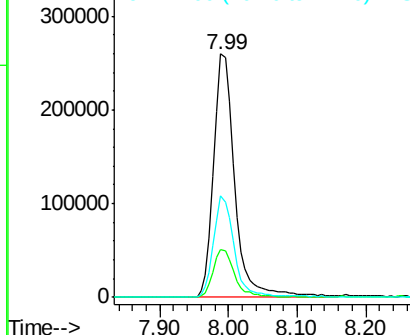
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	41.6	26.1	39.1

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



#8

2-Chlorophenol

Concen: 52.880 ng

RT: 8.42 min Scan# 873

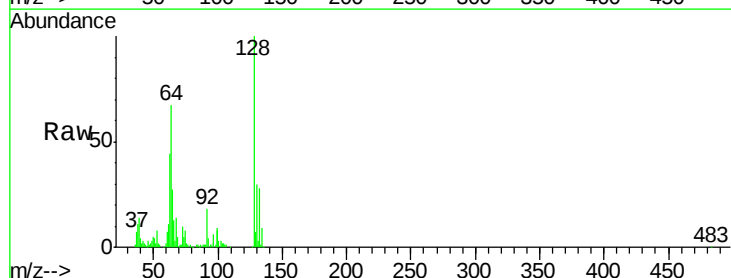
Delta R.T. -0.00 min

Lab File: BG033402.D

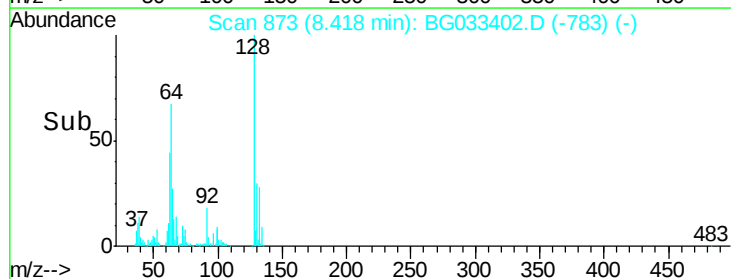
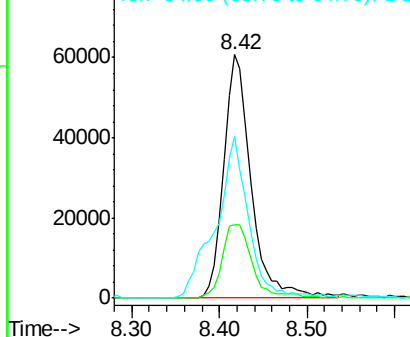
Acq: 29 Mar 2018 1:14

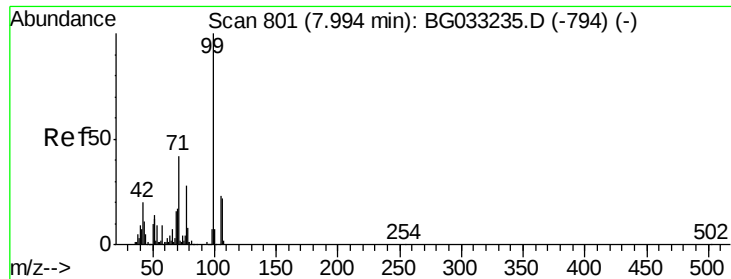
Tgt Ion: 128 Resp: 129767

Ion	Ratio	Lower	Upper
128	100		
130	30.1	14.0	54.0
64	66.6	37.7	77.7



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





#9

Benzaldehyde

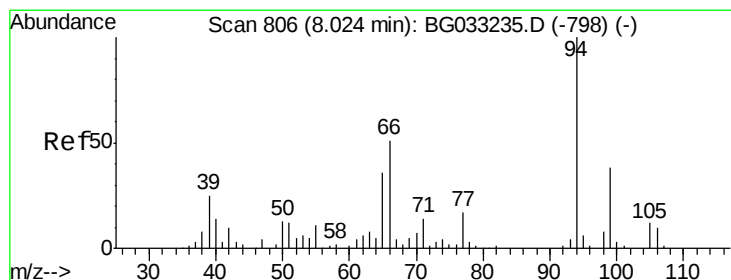
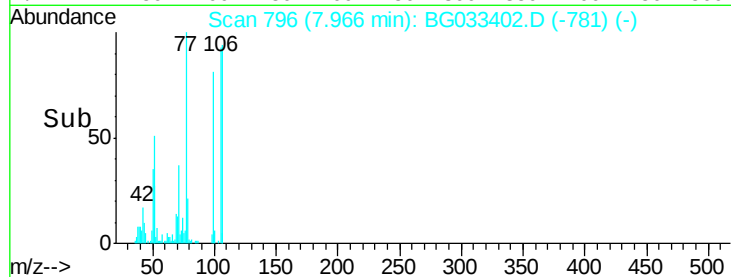
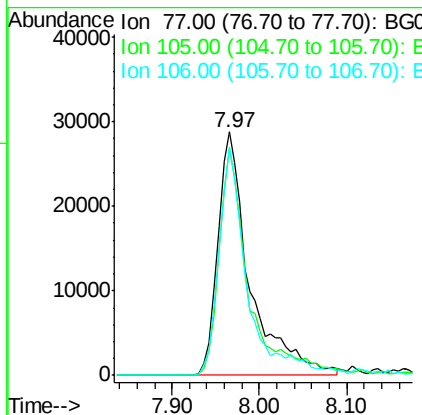
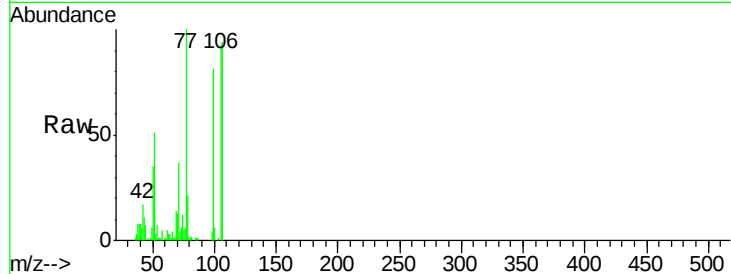
Concen: 31.396 ng/ml
 RT: 7.97 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.2	71.3	111.3
106	93.7	64.2	104.2

Manual Integrations
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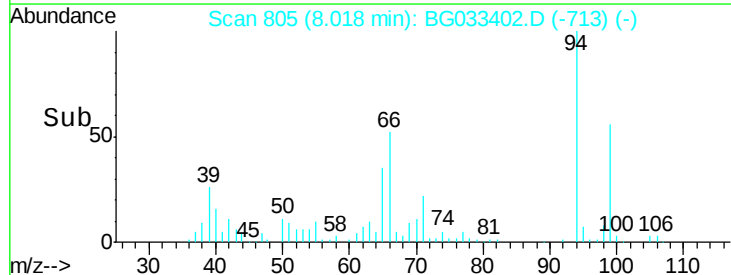
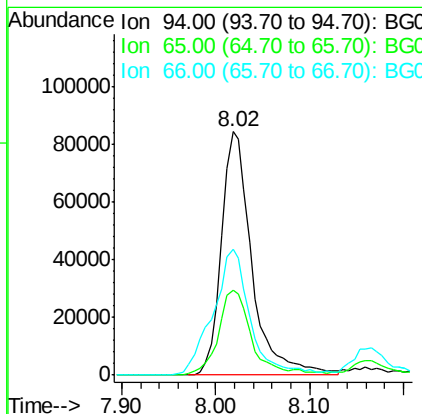
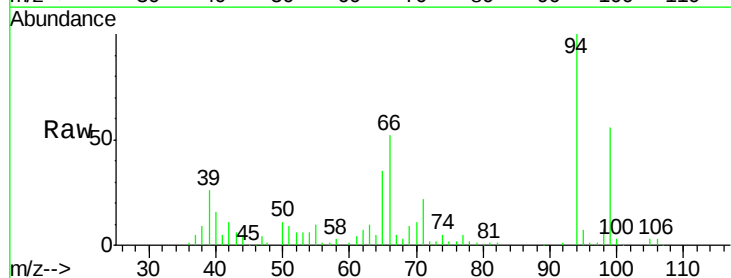


#10

Phenol

Concen: 52.449 ng/ml
 RT: 8.02 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.9	51.9
66	51.6	22.2	62.2





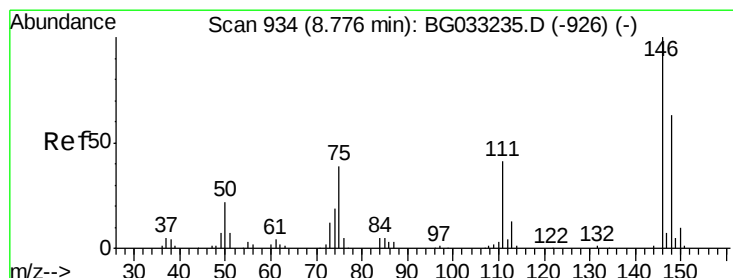
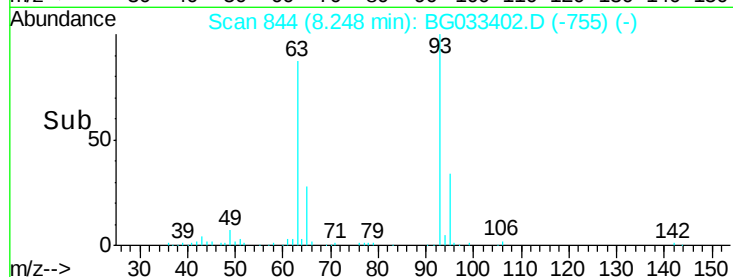
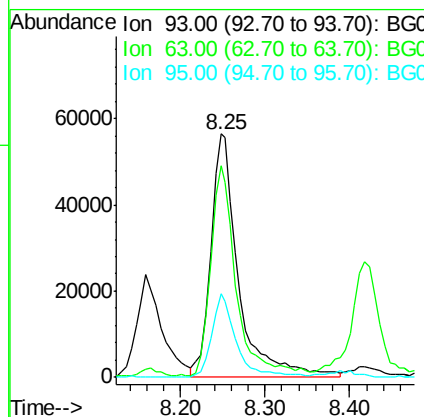
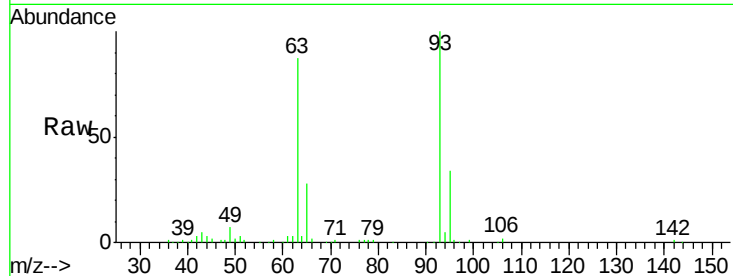
#11
bis(2-Chloroethyl)ether
Concen: 43.122 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		128170		
63	87.0	67.1	107.1		
95	34.3	11.5	51.5		

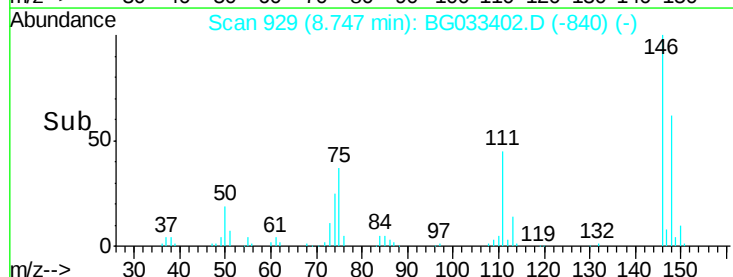
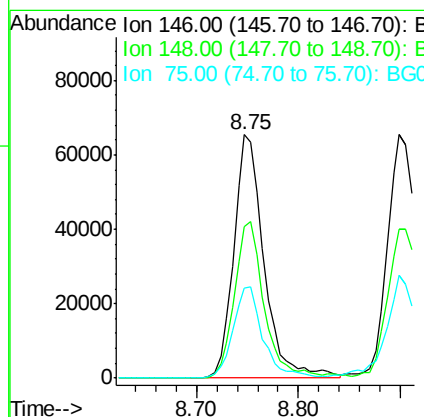
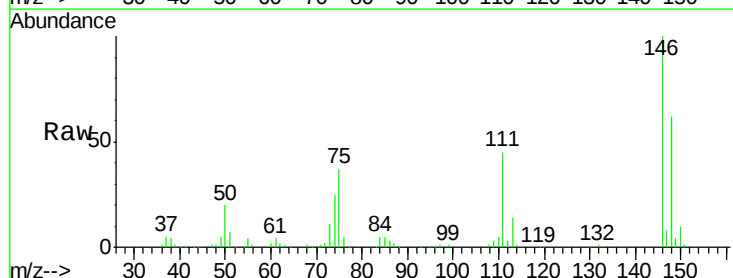
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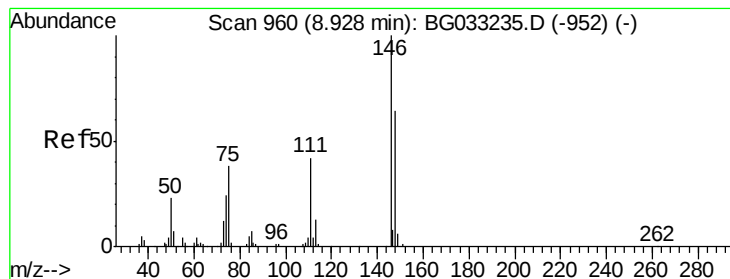
Sohil
3/29/2018 5:39:06 PM



#12
1,3-Dichlorobenzene
Concen: 42.048 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		134905		
148	62.2	51.4	77.2		
75	36.8	26.6	39.8		





#13

1,4-Dichlorobenzene

Concen: 41.689 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

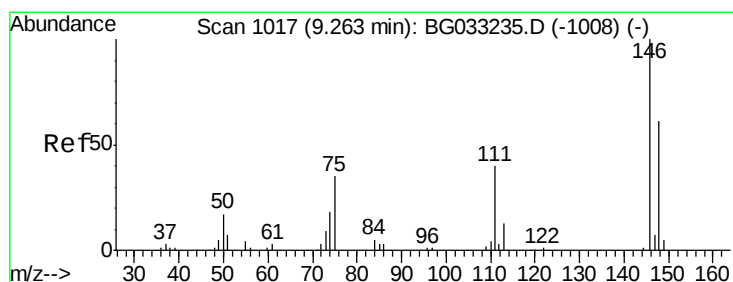
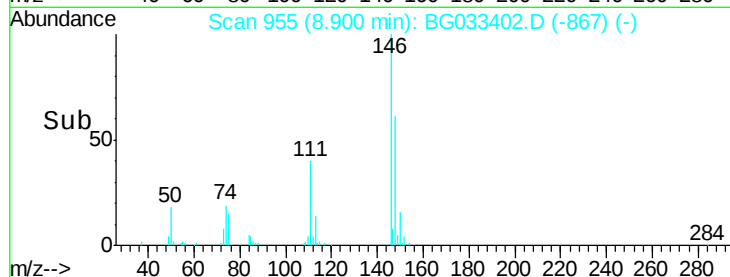
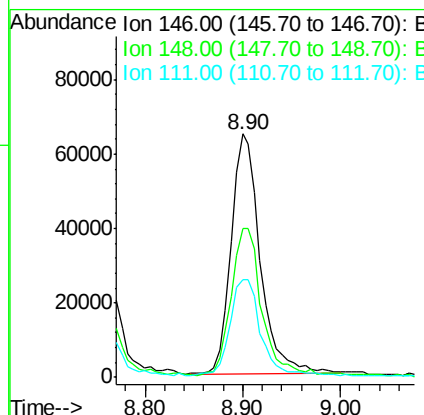
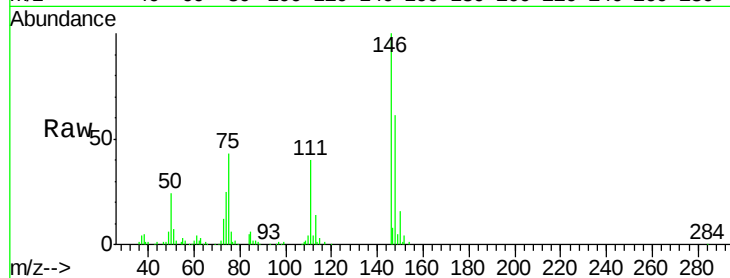
ClientSampleId :

PB107692BSD

Tot Ion:	146	Resp:	133951
Ion Ratio	Lower	Upper	
146	100		
148	61.2	53.7	80.5
111	40.1	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 43.816 ng

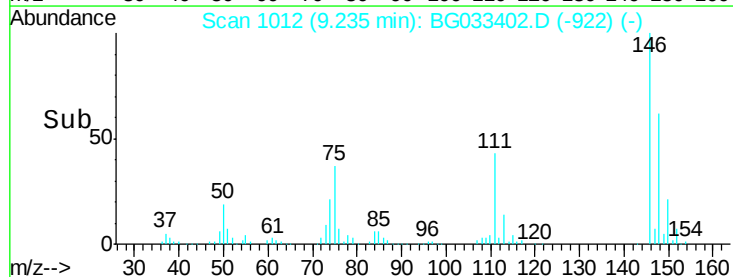
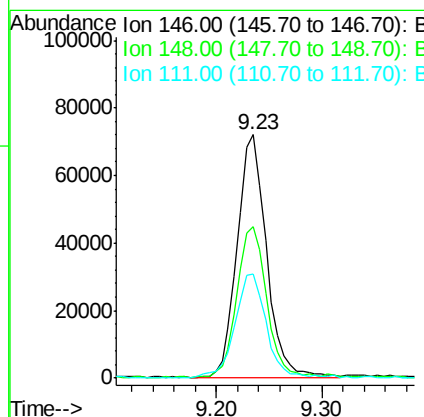
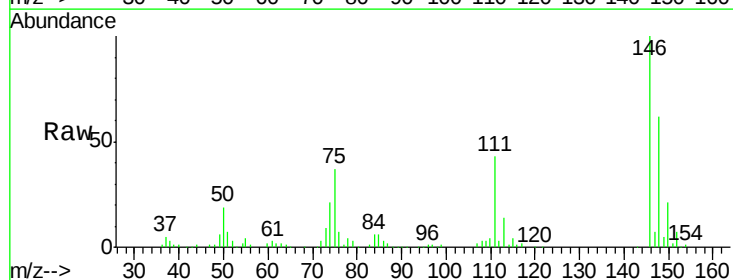
RT: 9.23 min Scan# 1012

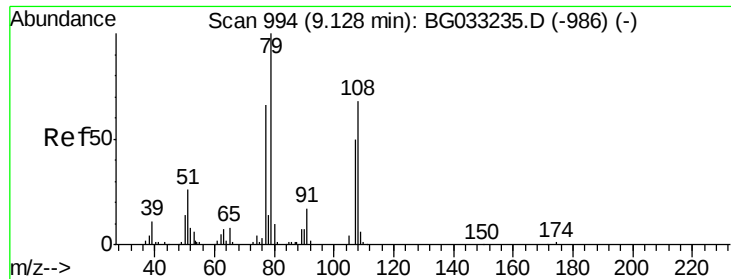
Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	146	Resp:	137407
Ion Ratio	Lower	Upper	
146	100		
148	62.3	49.3	73.9
111	43.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 49.859 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

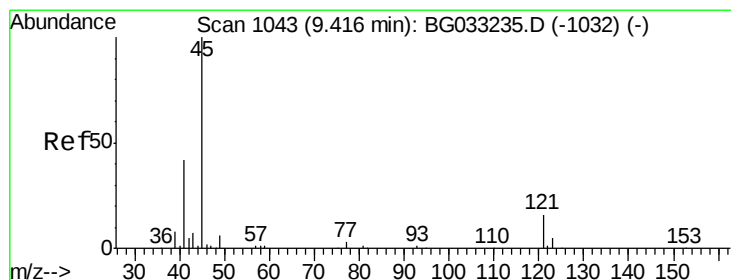
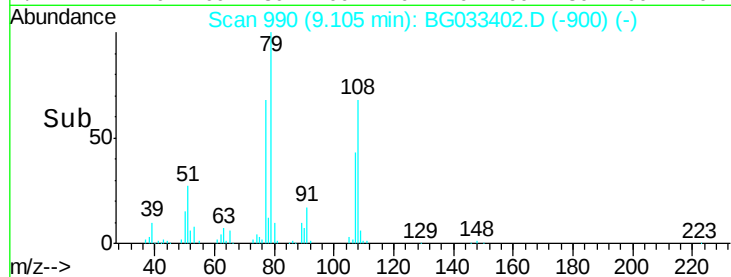
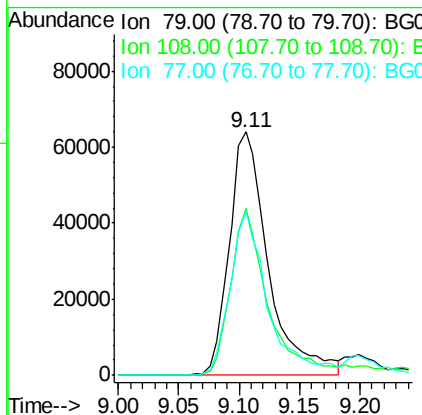
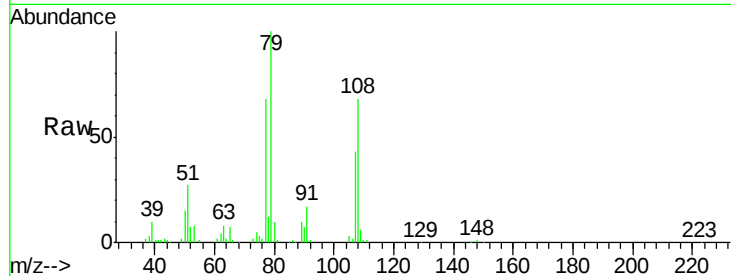
ClientSampleId :

PB107692BSD

Tot Ion:	79	Resp:	144786
Ion Ratio	Lower	Upper	
79	100		
108	68.3	57.2	85.8
77	67.7	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.692 ng

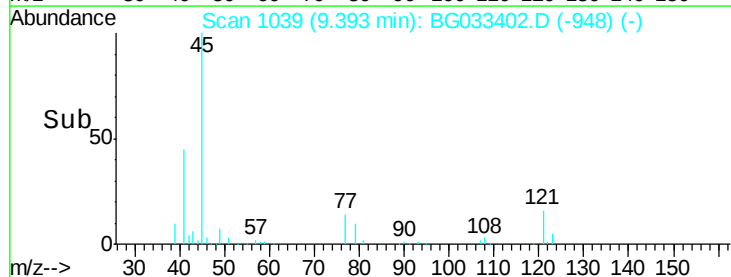
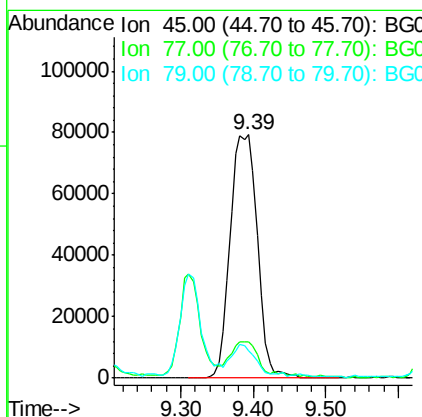
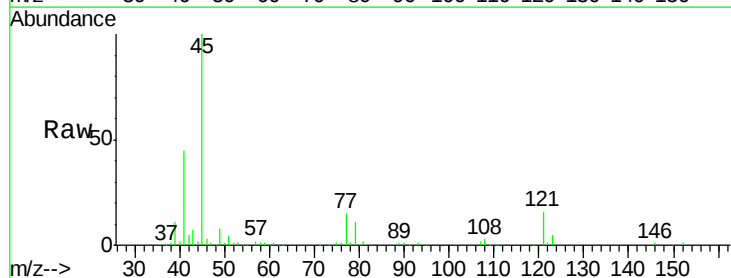
RT: 9.39 min Scan# 1039

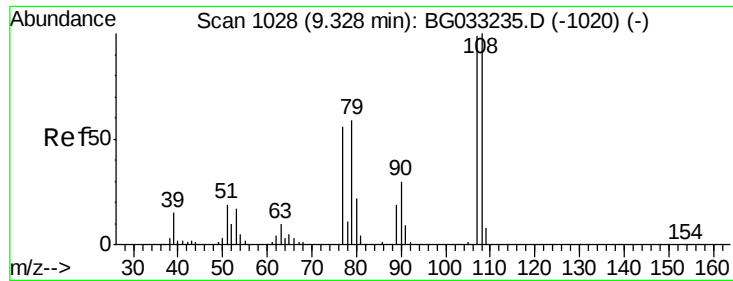
Delta R.T. 0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	45	Resp:	206864
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	30.2
79	11.3	0.0	27.9





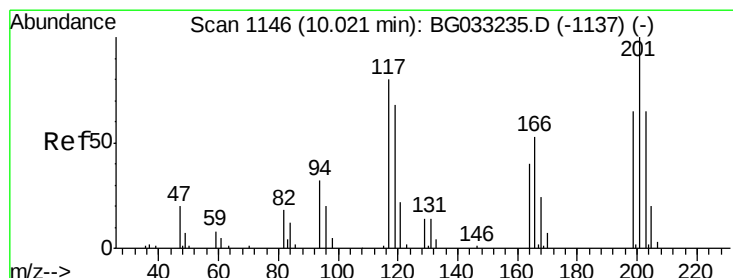
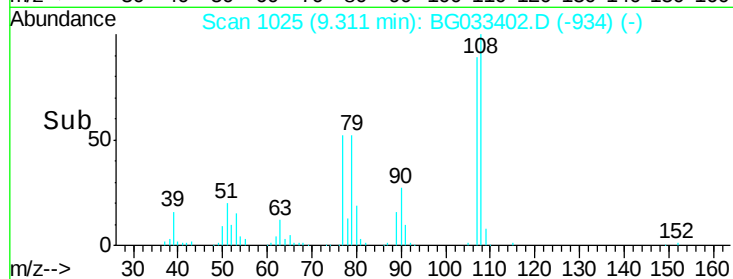
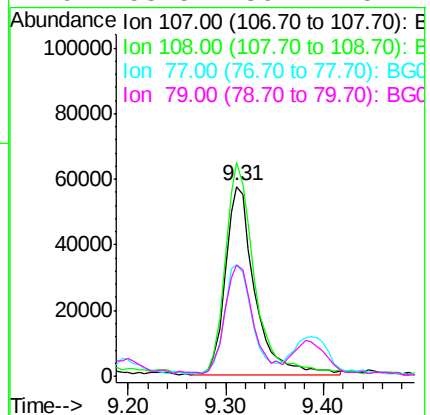
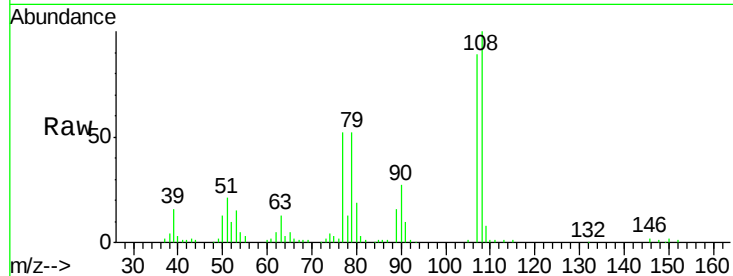
#17
2-Methylphenol
Concen: 48.456 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleID :
PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	83.9	125.9	
77	58.4	37.2	55.8	
79	58.5	36.2	54.2	

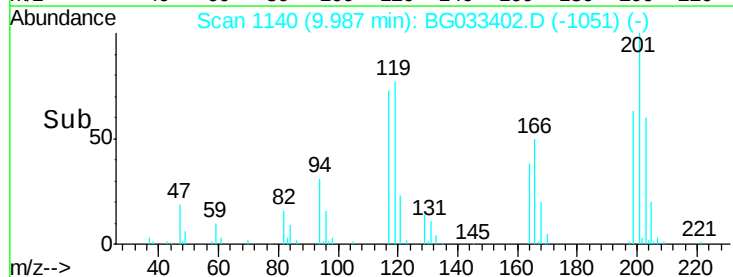
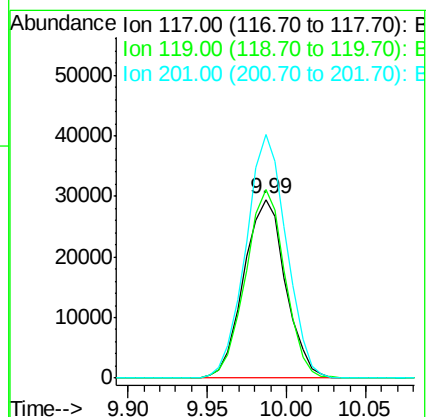
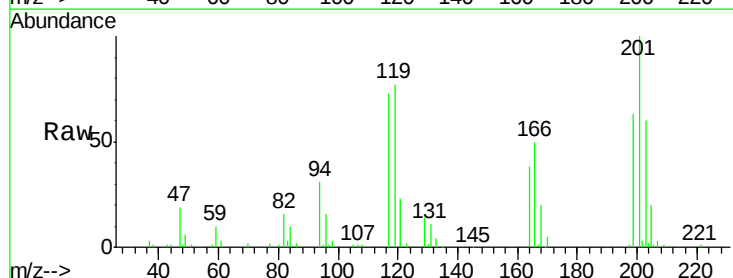
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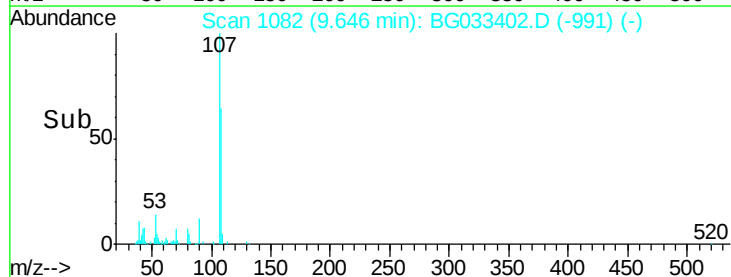
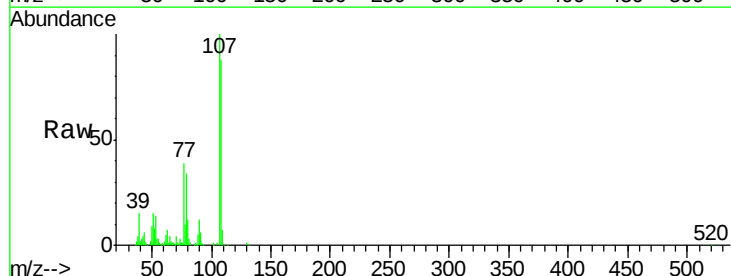
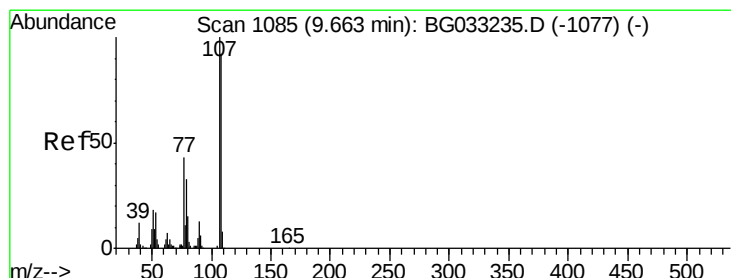
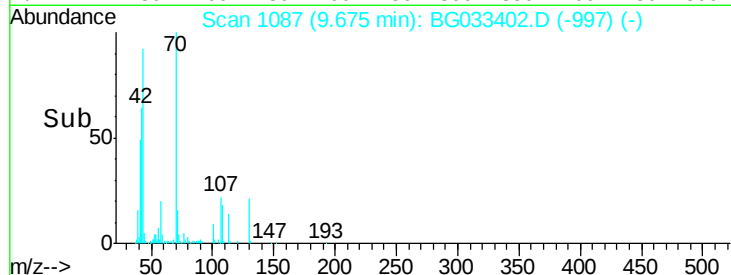
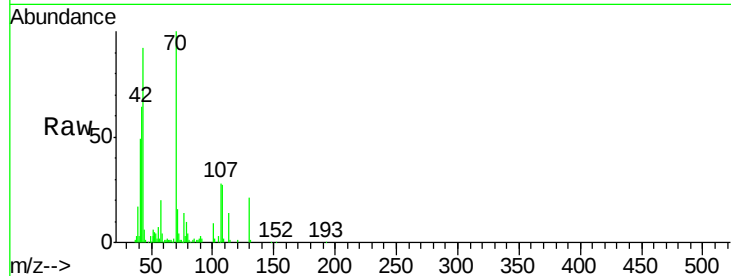
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#18
Hexachloroethane
Concen: 43.395 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

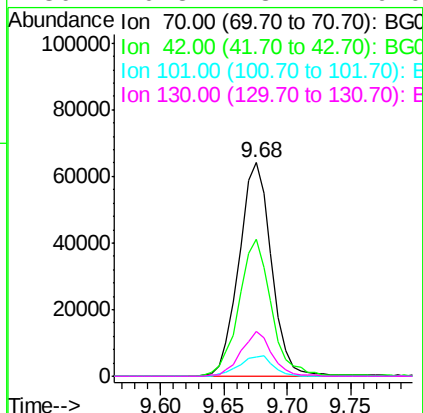
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	105.3	76.7	115.1	
201	136.1	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 42.167 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.3	49.1	73.7	
101	9.2	8.5	12.7	
130	20.8	13.4	20.0	



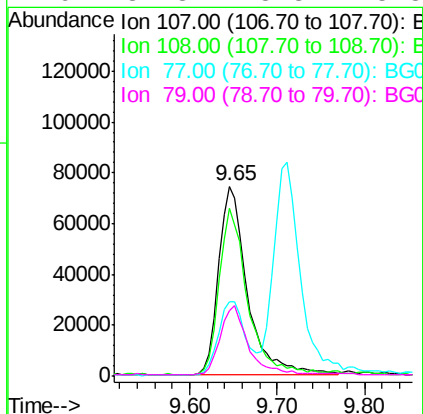
Instrument :
BNA_G
ClientSampleId :
PB107692BSD

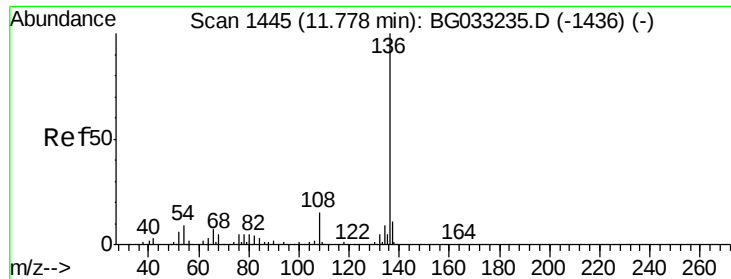
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#20
3+4-Methylphenols
Concen: 48.346 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	61.6	101.6	
77	39.3	13.9	53.9	
79	34.3	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

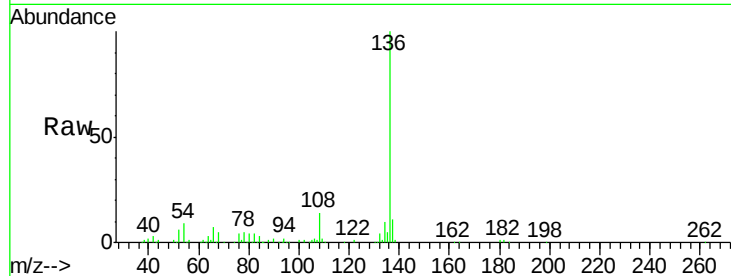
ClientSampleId :

PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	170529		
137	11.0	9.2	13.8	
54	9.4	10.3	15.5	
68	4.9	4.5	6.7	

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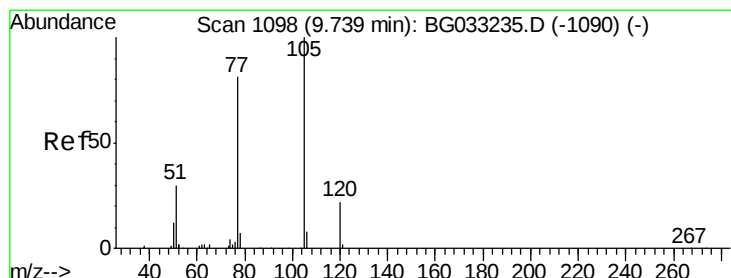
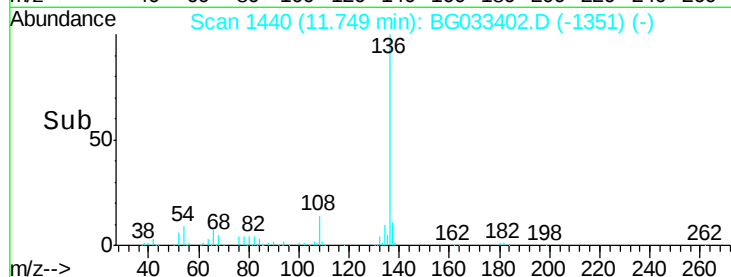
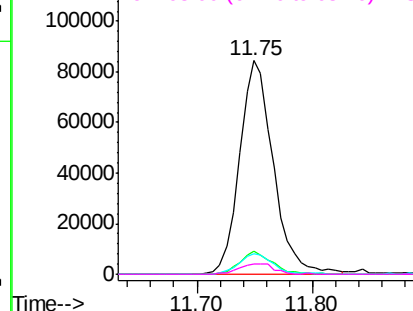
Abundance

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: 43.611 ng

RT: 9.71 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203747		
71	0.4	3.0	4.4	
51	33.6	26.1	39.1	
120	22.5	17.4	26.2	

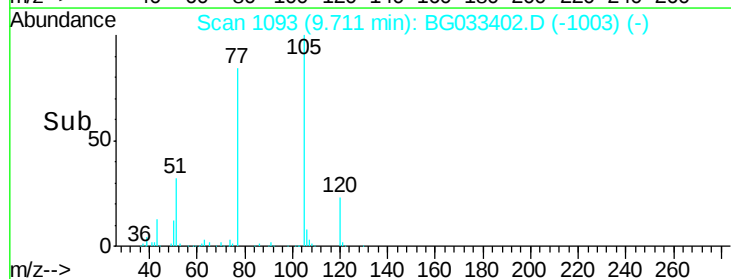
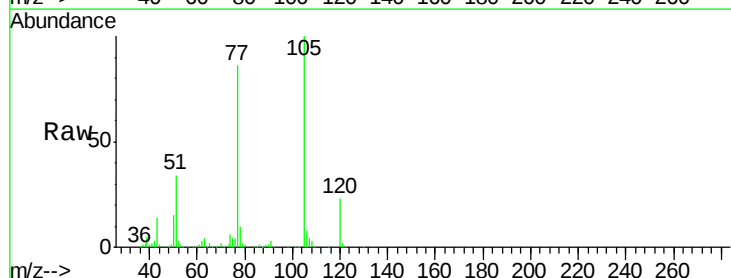
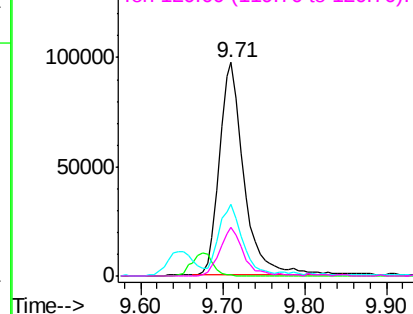
Abundance

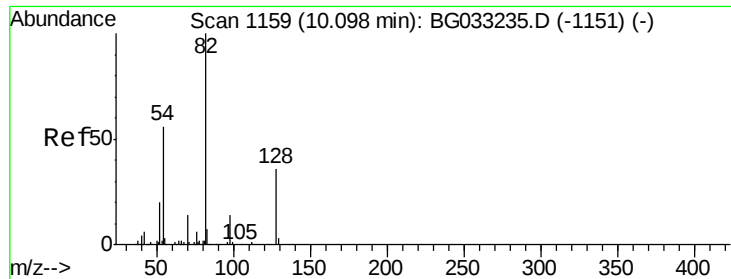
Ion 105.00 (104.70 to 105.70): E

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





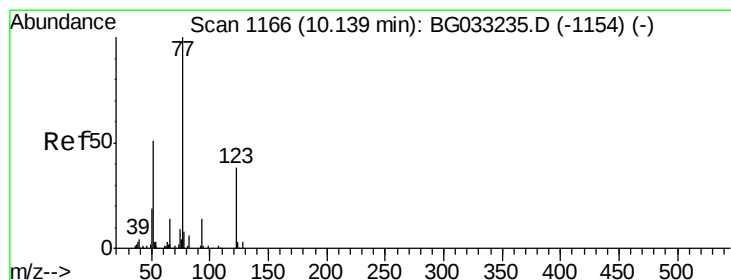
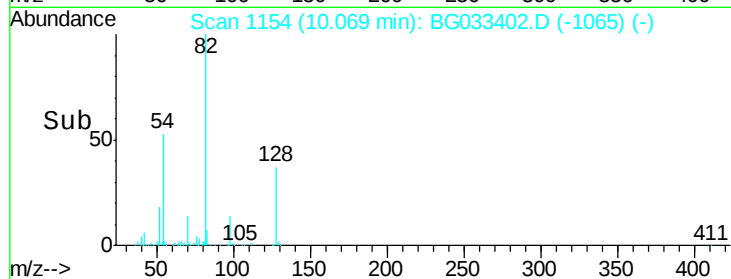
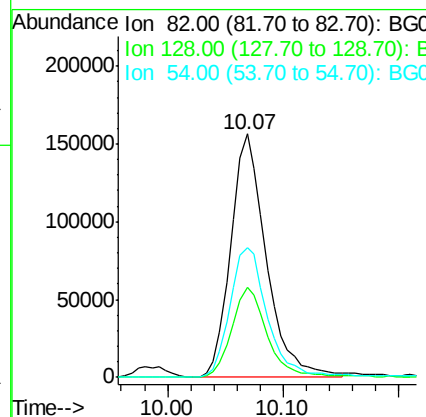
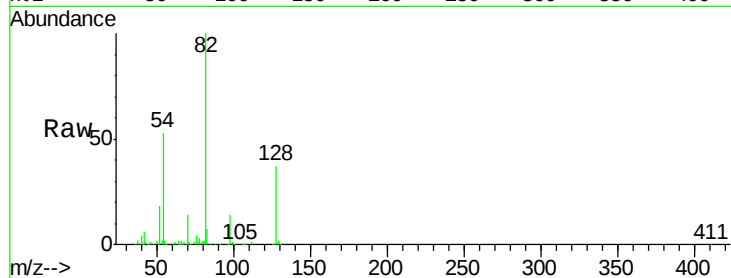
#23
 Nitrobenzene-d5
 Concen: 89.255 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.7	44.5
54	53.2	43.1	64.7

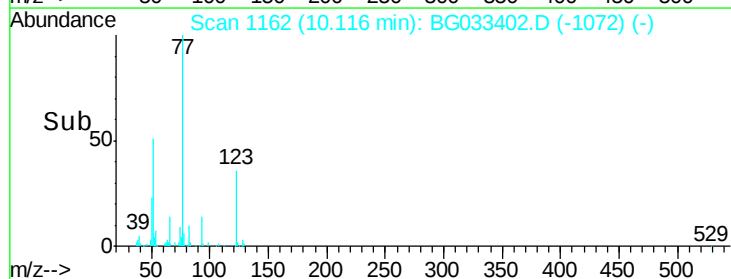
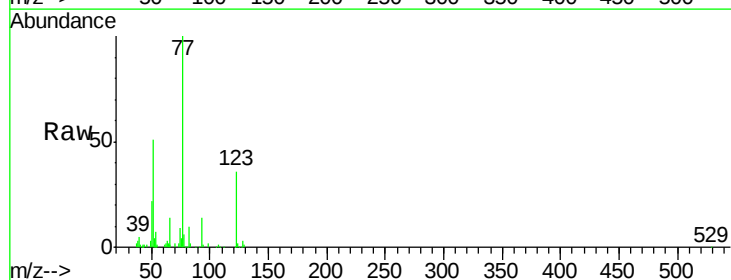
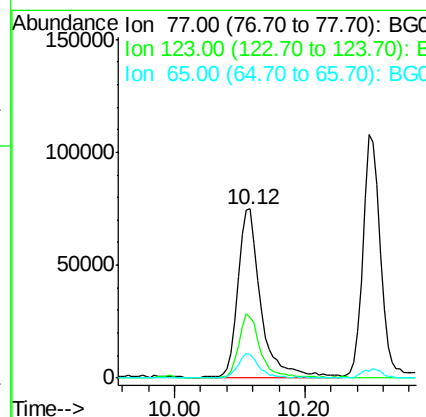
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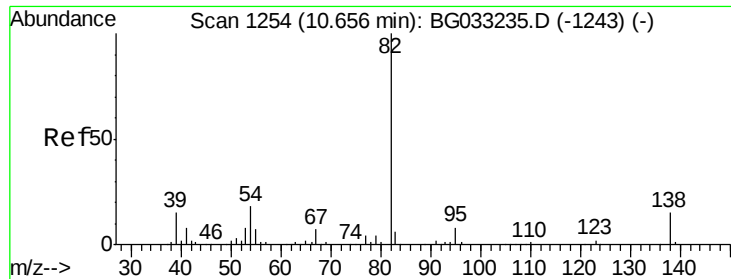
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#24
 Nitrobenzene
 Concen: 45.664 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	33.0	49.6
65	14.2	13.0	19.6





#25

Isophorone

Concen: 46.019 ng

RT: 10.63 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

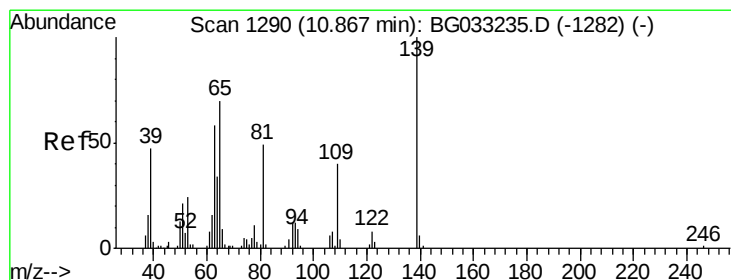
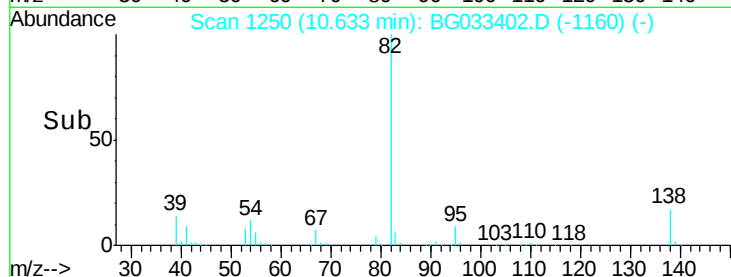
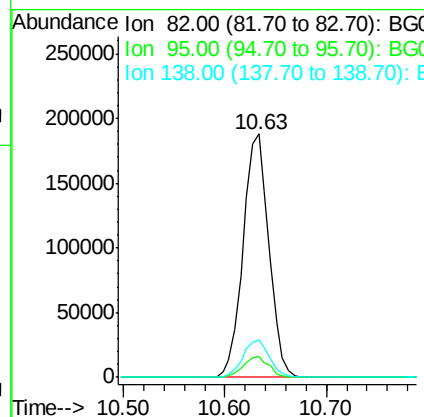
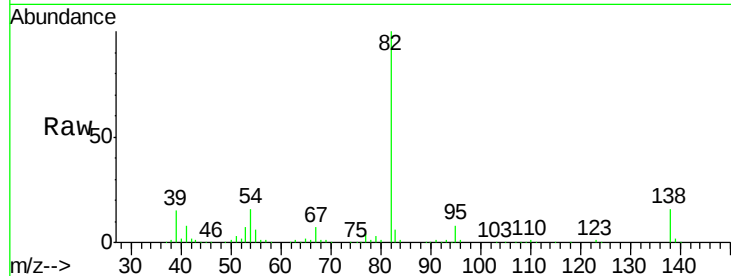
ClientSampleId :

PB107692BSD

Tot Ion:	82	Resp:	331512
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.2	9.2
138	15.5	12.1	18.1

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#26

2-Nitrophenol

Concen: 51.374 ng

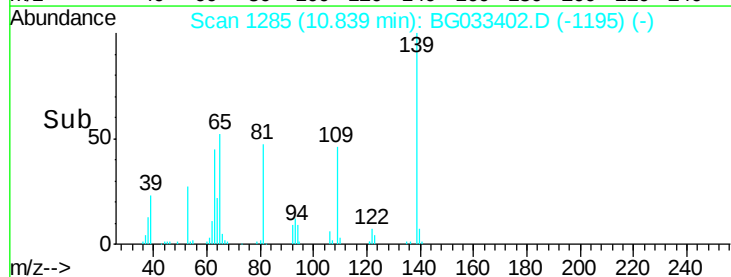
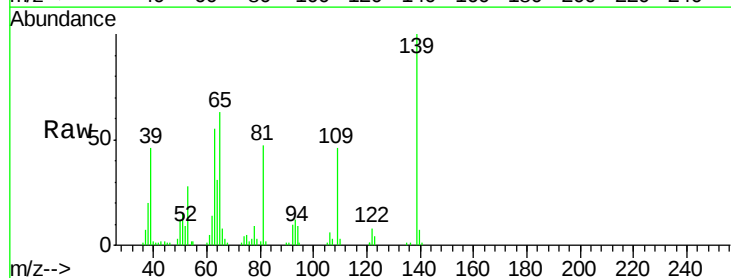
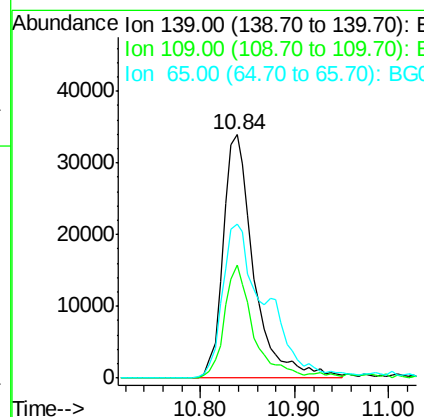
RT: 10.84 min Scan# 1285

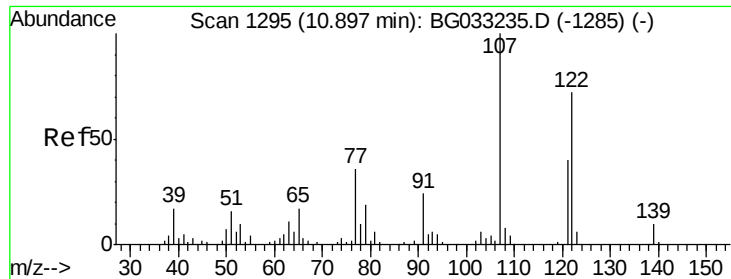
Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	139	Resp:	77272
Ion Ratio		Lower	Upper
139	100		
109	46.3	24.2	36.2
65	63.0	47.4	71.0





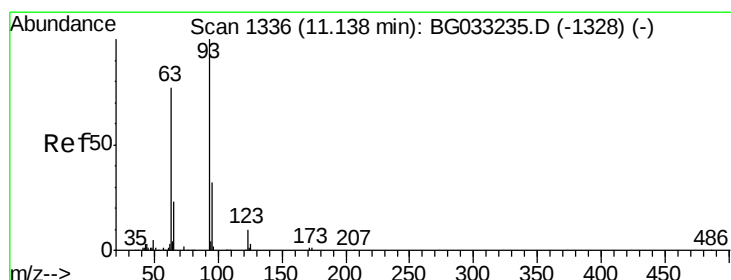
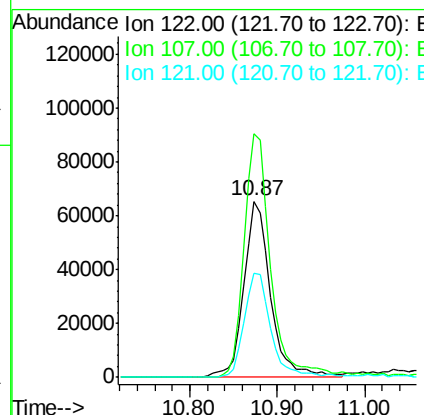
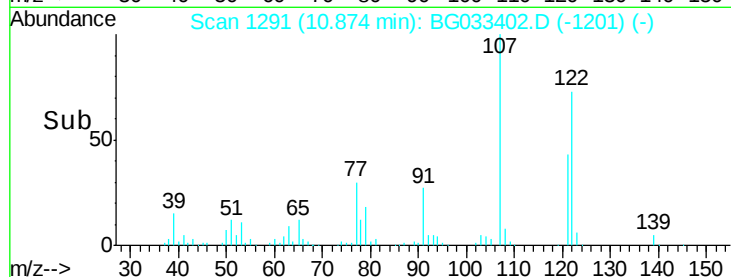
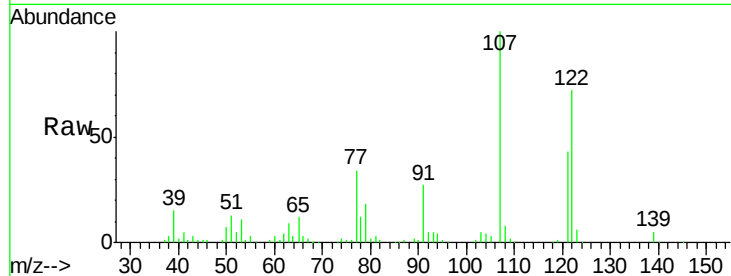
#27
 2,4-Dimethylphenol
 Concen: 61.856 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.1	100.2	150.2
121	58.9	44.4	66.6

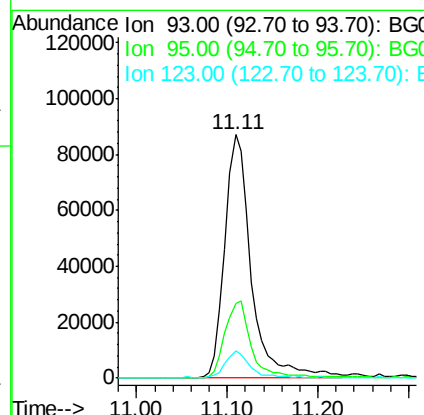
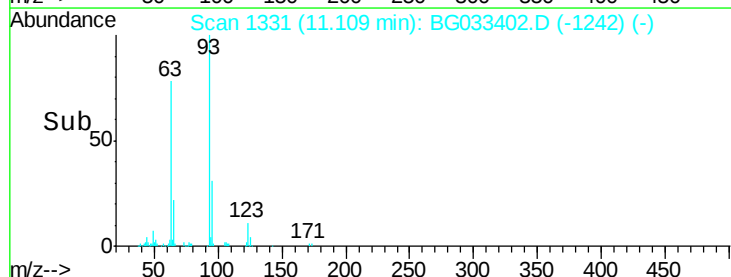
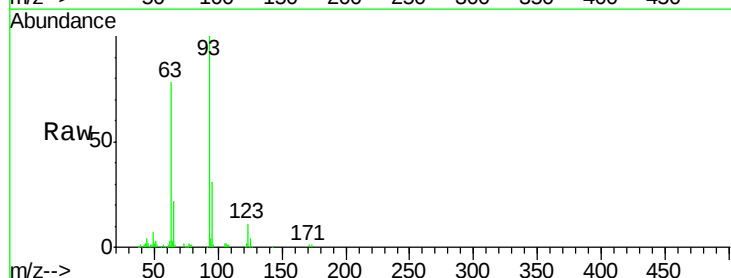
Manual Integrations
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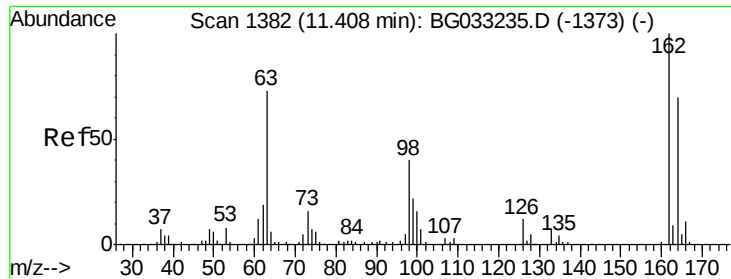
Sohil
 3/29/2018 5:39:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.356 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	24.3	36.5
123	11.0	8.4	12.6





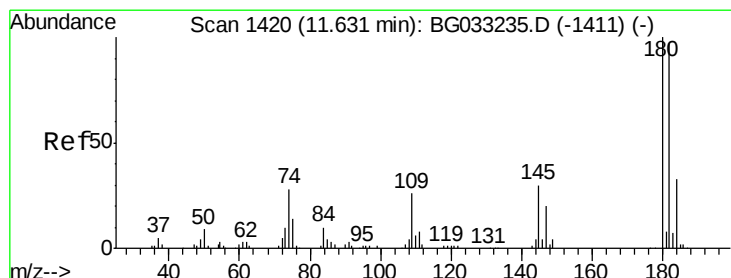
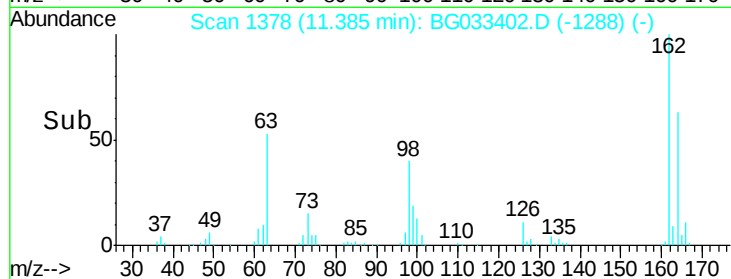
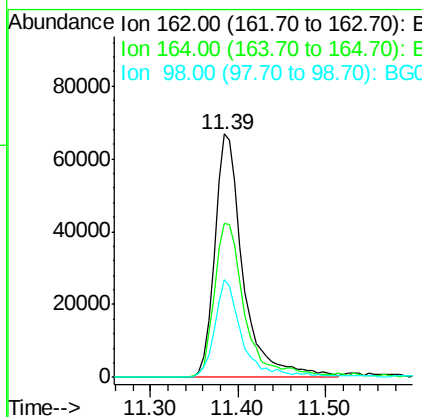
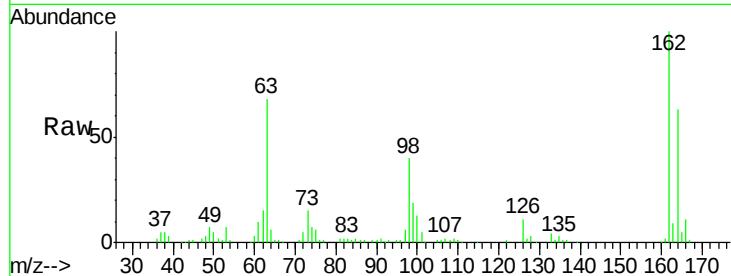
#29
 2,4-Dichlorophenol
 Concen: 55.505 ng
 RT: 11.39 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	149150		
164	63.3	48.0	88.0	
98	40.4	21.1	61.1	

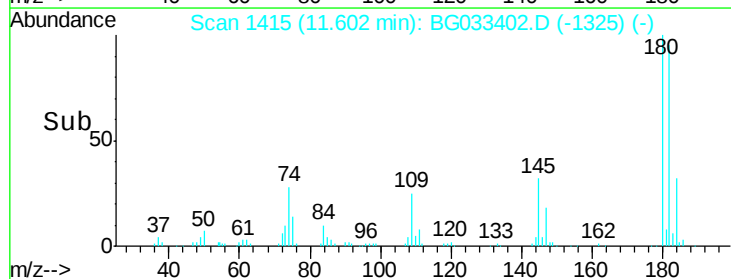
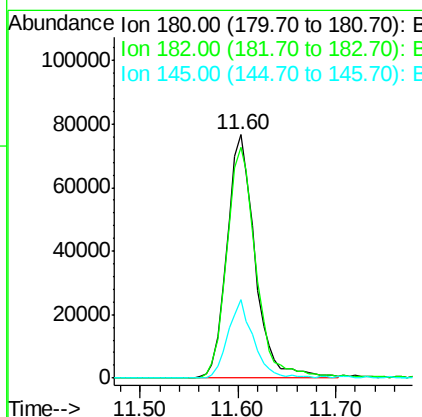
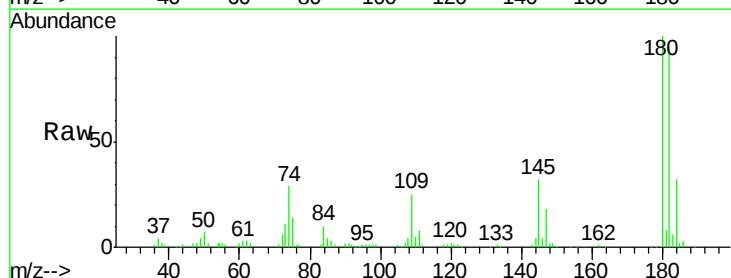
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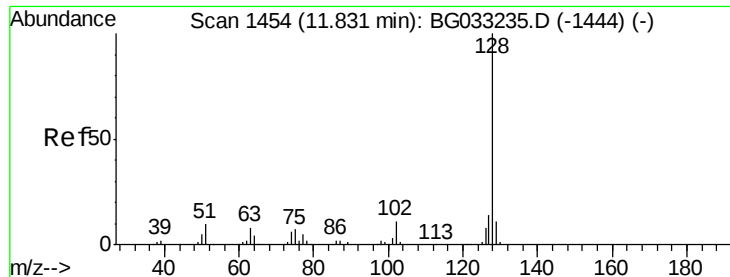
Sohil
 3/29/2018 5:39:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.051 ng
 RT: 11.60 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153792		
182	95.1	77.5	116.3	
145	32.1	23.4	35.2	





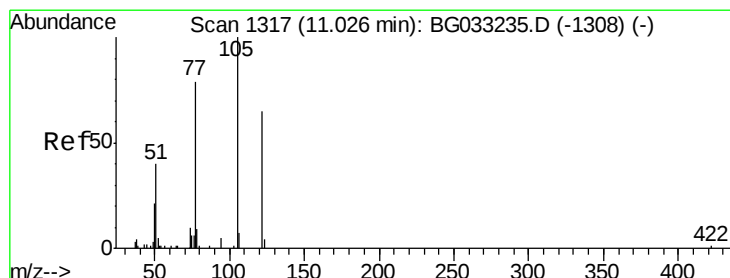
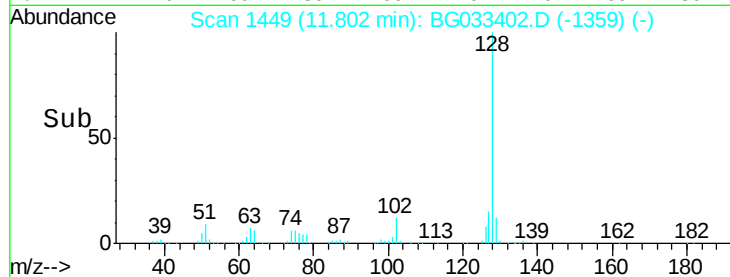
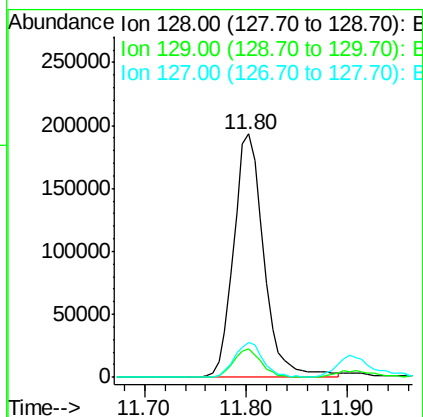
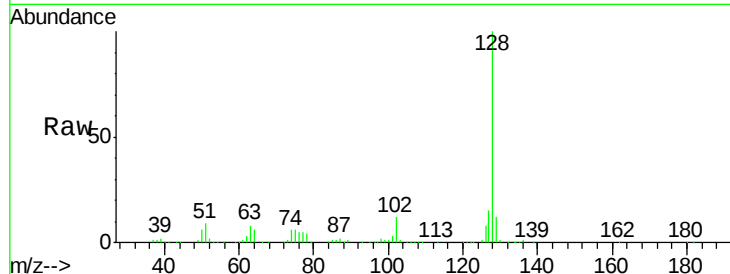
#31
Naphthalene
Concen: 45.071 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	8.6	12.8	
127	14.5	11.6	17.4	

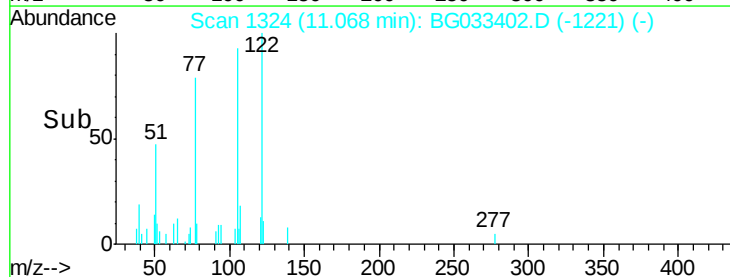
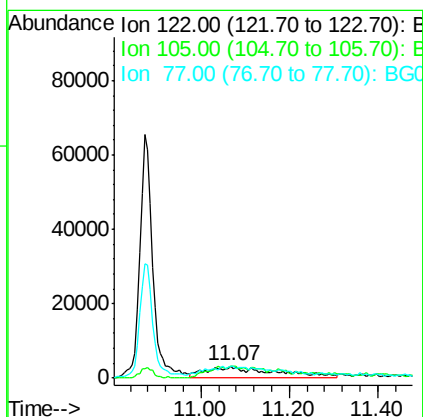
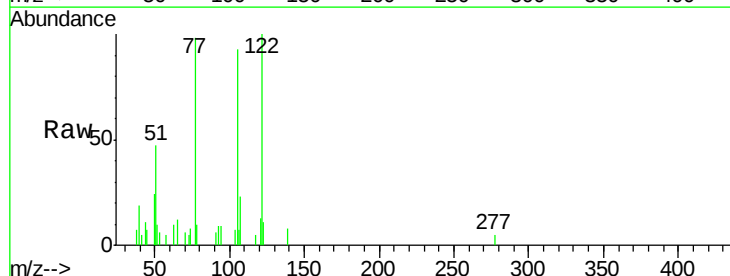
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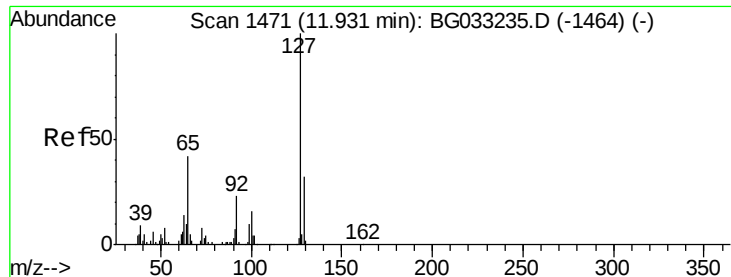
Sohil
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#32
Benzoic acid
Concen: 16.961 ng m
RT: 11.07 min Scan# 1324
Delta R.T. 0.07 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	92.9	123.5	163.5#	
77	98.2	85.7	125.7	





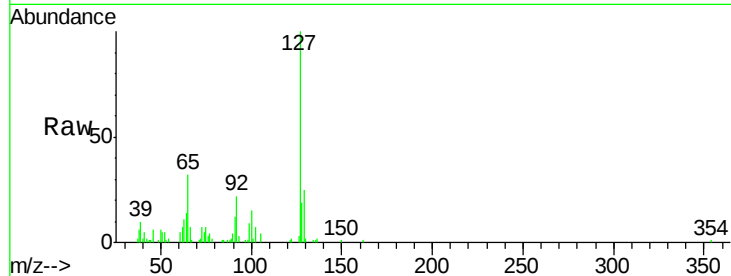
#33
4-Chloroaniline
Concen: 11.173 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

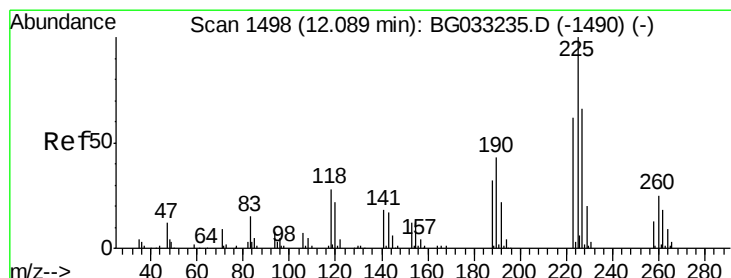
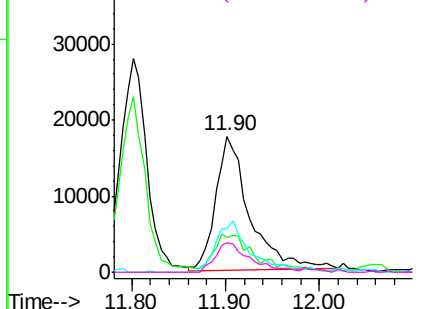
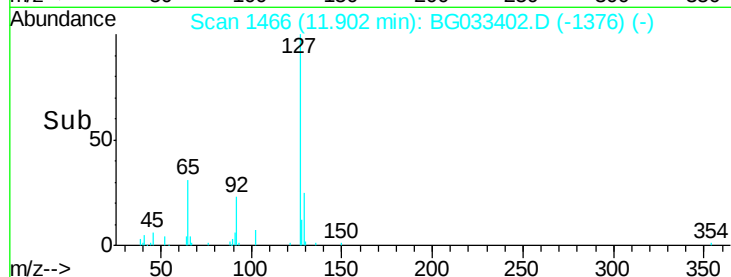
Tot Ion:	127	Resp:	44234
Ion Ratio	Lower	Upper	
127	100		
129	25.2	24.0	36.0
65	32.4	27.0	40.4
92	21.7	16.6	25.0

Manual Integrations
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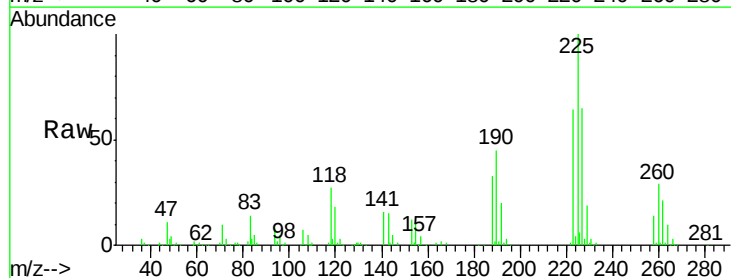


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

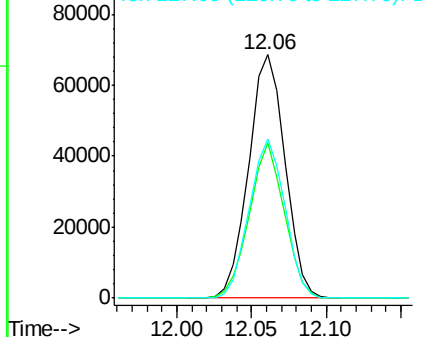
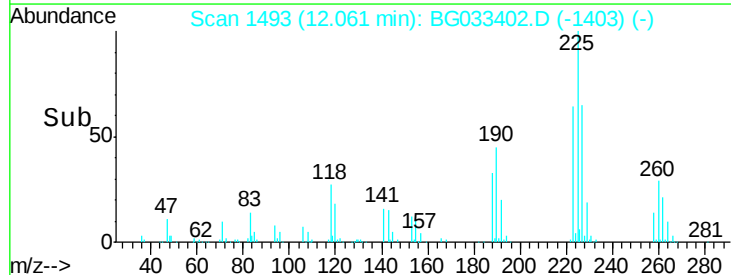


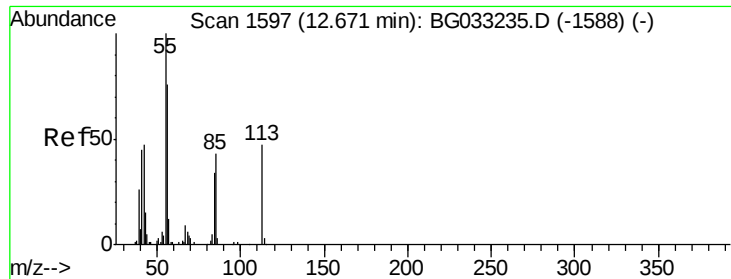
#34
Hexachlorobutadiene
Concen: 43.671 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion:	225	Resp:	115299
Ion Ratio	Lower	Upper	
225	100		
223	63.8	49.7	74.5
227	65.2	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





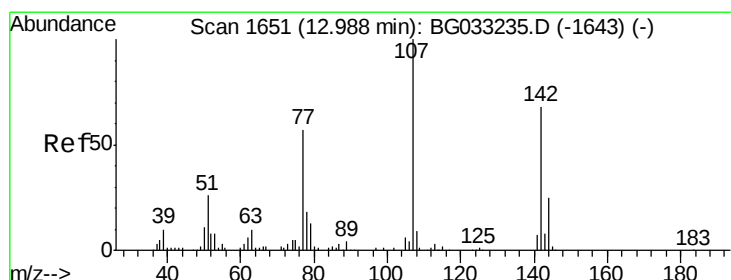
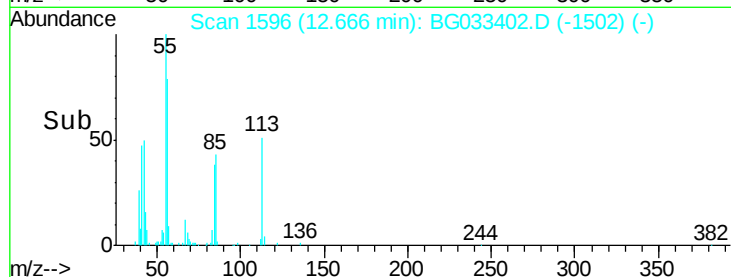
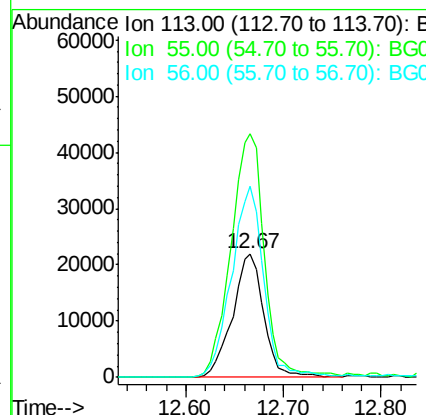
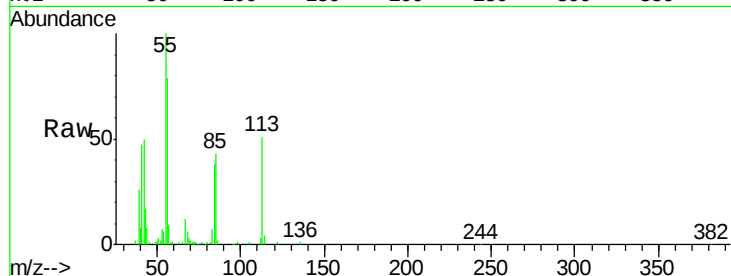
#35
 Caprolactam
 Concen: 46.569 ng
 RT: 12.67 min Scan# 1596
 Delta R.T. 0.02 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.7	186.9	226.9
56	154.5	130.9	170.9

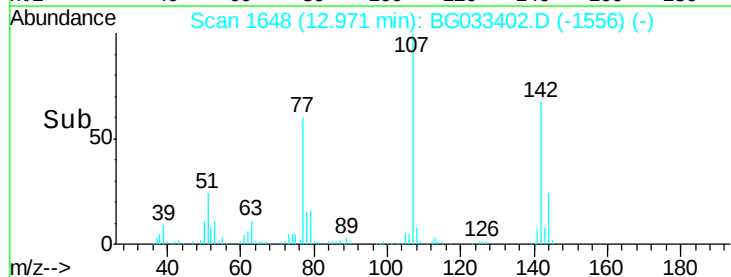
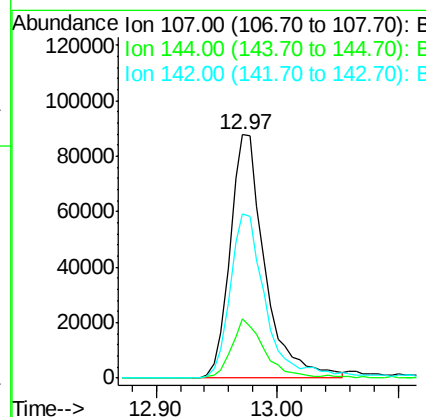
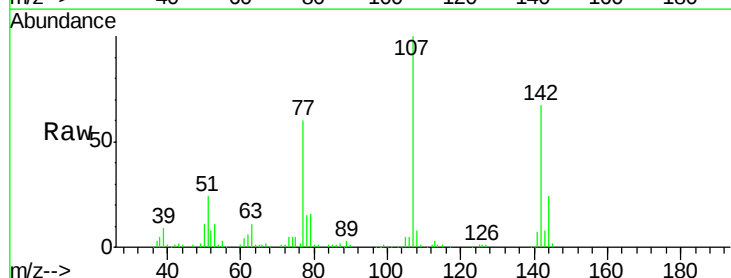
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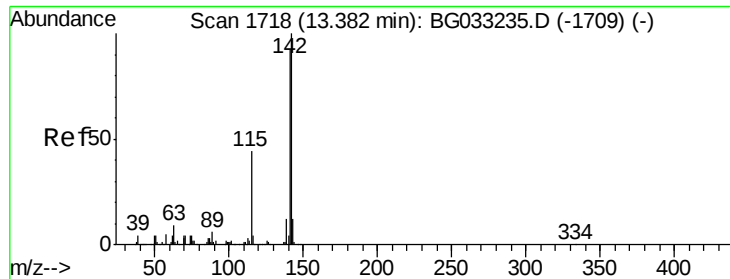
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#36
 4-Chloro-3-methylphenol
 Concen: 50.079 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.2	27.4
142	67.3	59.0	88.4





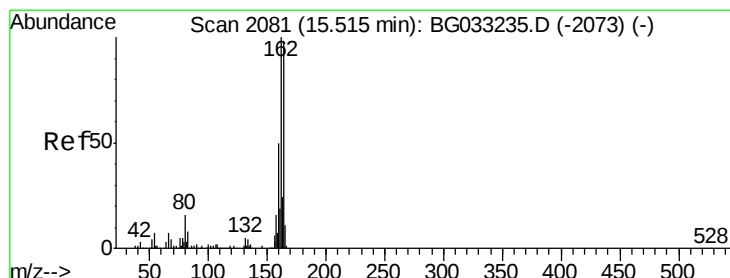
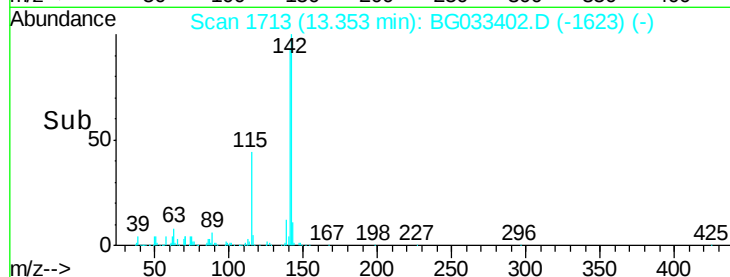
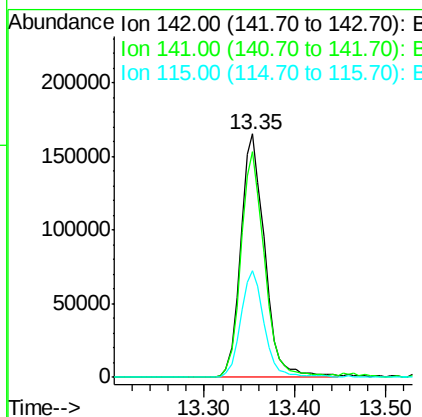
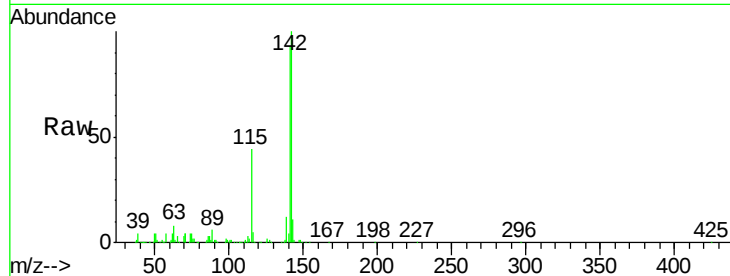
#37
2-Methylnaphthalene
Concen: 44.201 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	67.1	100.7
115	43.7	30.7	46.1

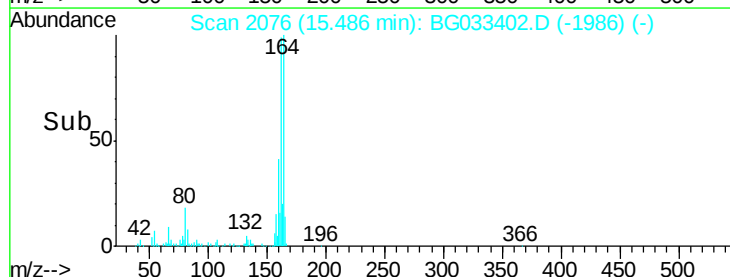
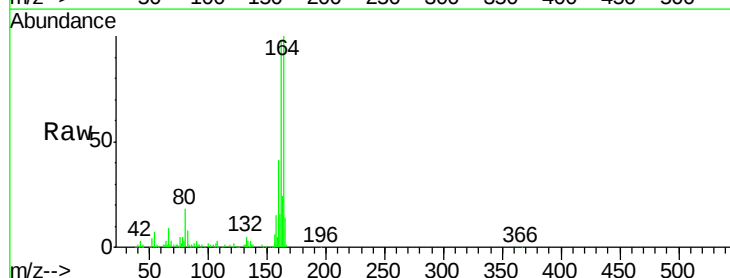
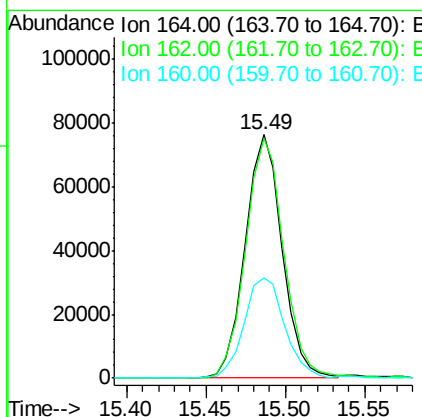
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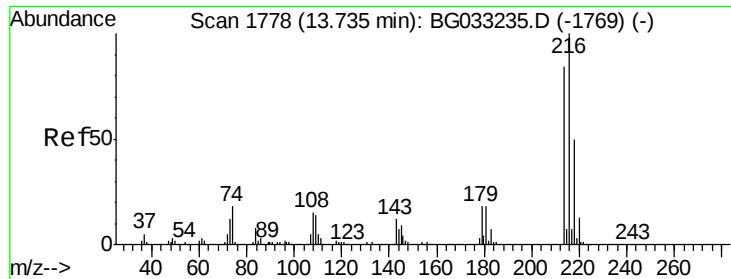
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	41.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.504 ng

RT: 13.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

ClientSampleId :

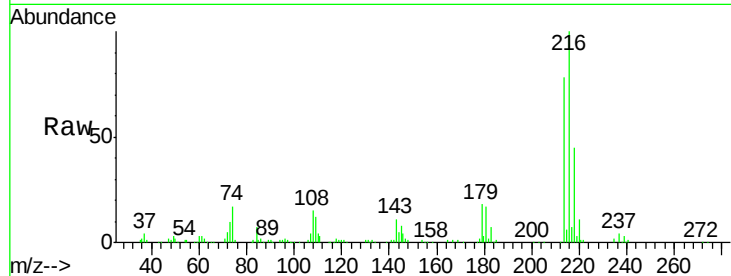
PB107692BSD

Tot Ion:	216	Resp:	208189
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.9	17.0	25.6
108	17.0	12.8	19.2

Manual Integrations
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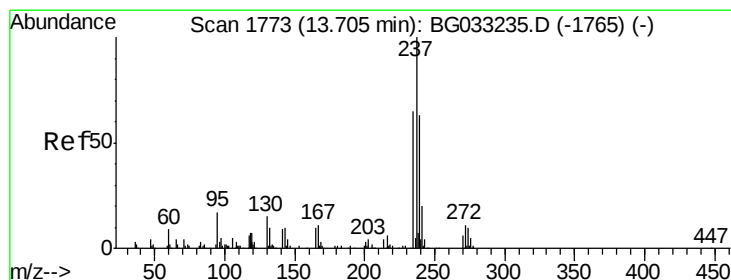
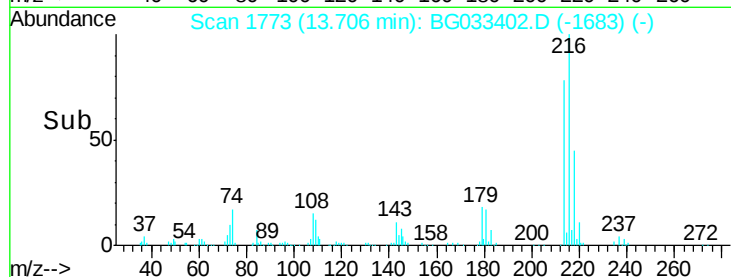
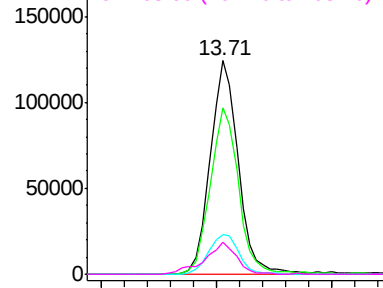


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.728 ng

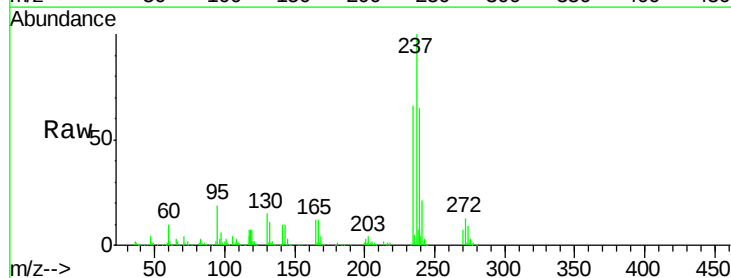
RT: 13.68 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

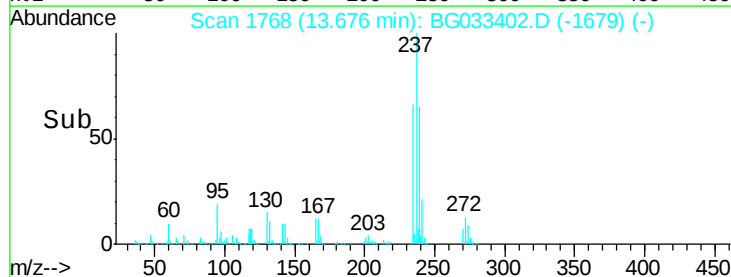
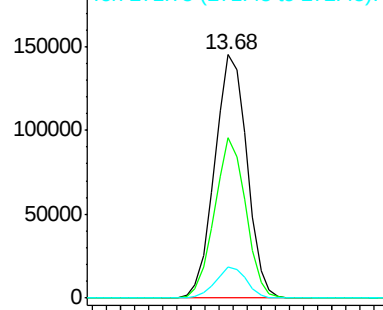
Tgt Ion:	237	Resp:	232859
Ion Ratio		Lower	Upper
237	100		
235	65.8	50.4	90.4
272	12.9	0.0	31.8

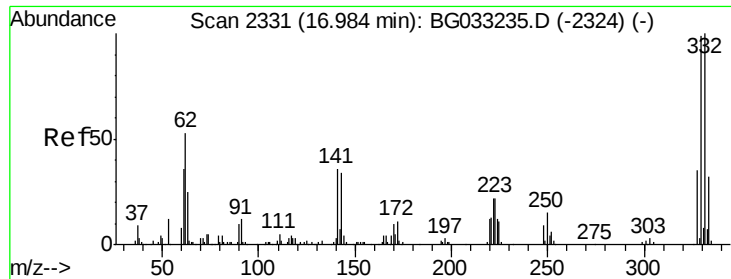


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





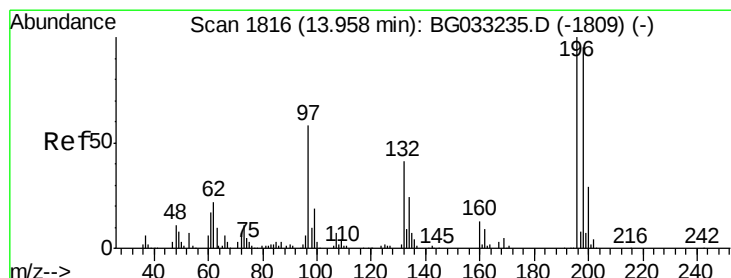
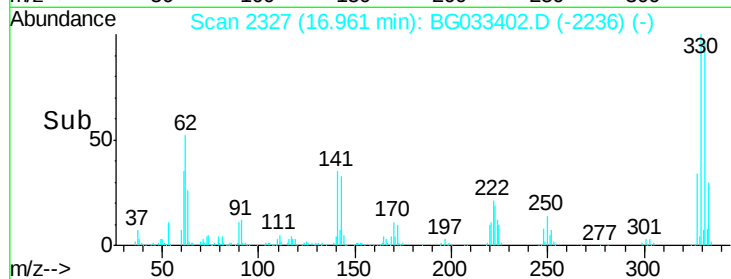
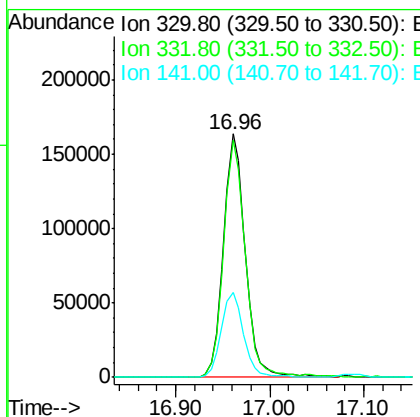
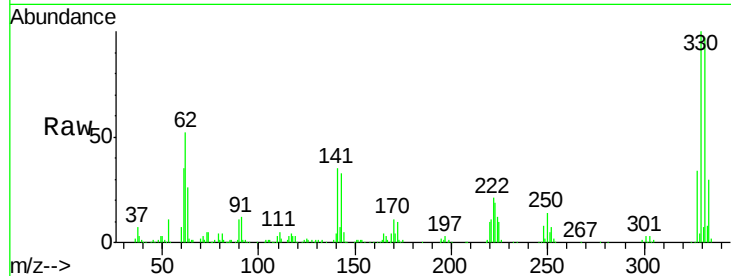
#41
 2,4,6-Tribromophenol
 Concen: 144.218 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	36.1	25.2	37.8	

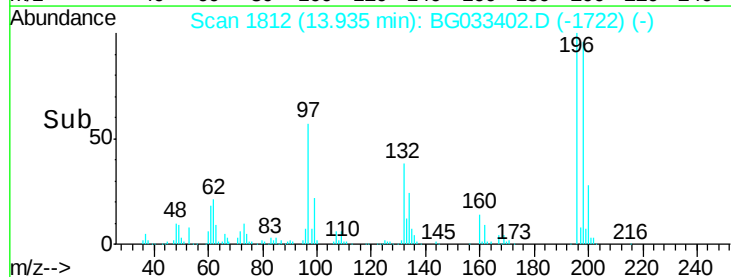
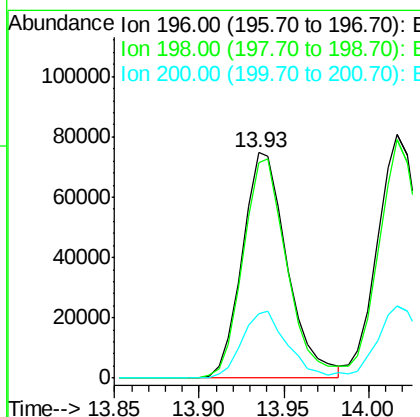
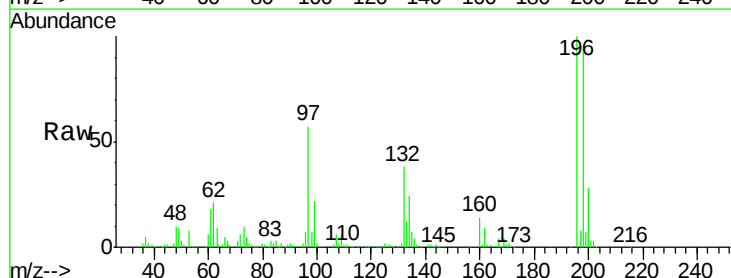
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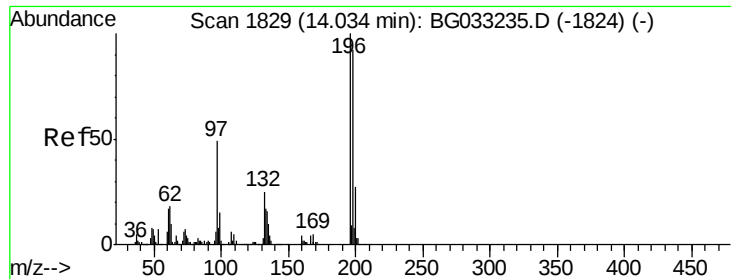
Sohil
 3/29/2018 5:39:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.340 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	78.2	117.2	
200	28.4	24.6	36.8	





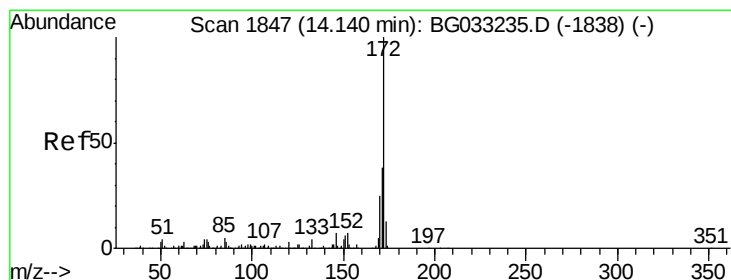
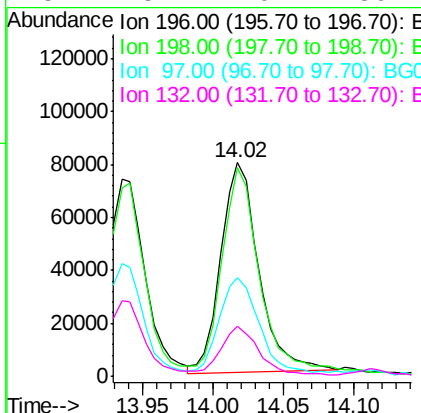
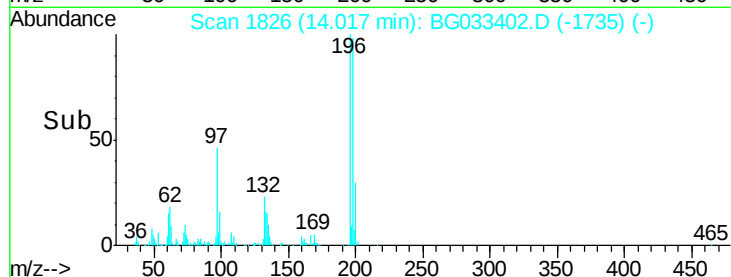
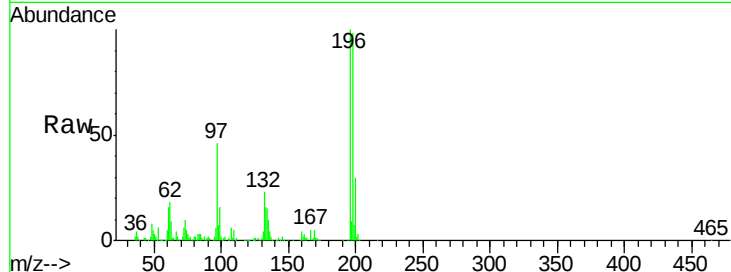
#43
 2,4,5-Trichlorophenol
 Concen: 48.417 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion:	196	Resp:	148854
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.2	114.4
97	46.2	38.7	58.1
132	23.2	20.2	30.2

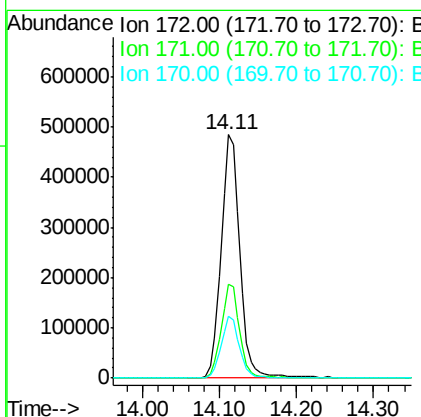
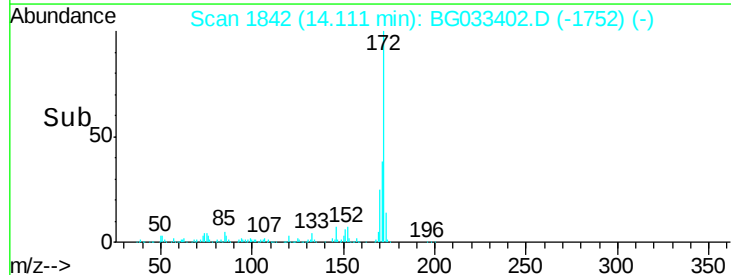
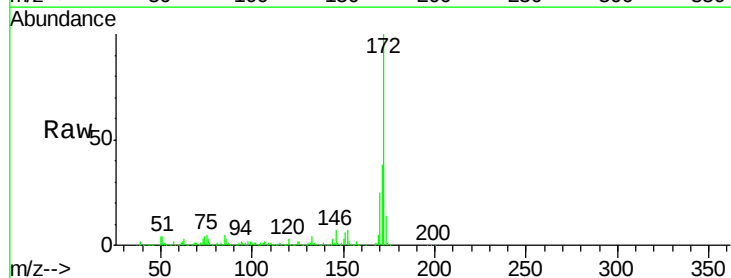
Manual Integrations
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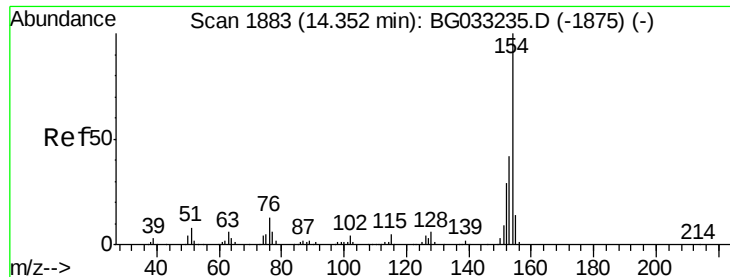
Sohil
 3/29/2018 5:39:06 PM



#44
 2-Fluorobiphenyl
 Concen: 95.708 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion:	172	Resp:	819373
Ion Ratio	Lower	Upper	
172	100		
171	38.4	30.0	45.0
170	25.2	19.5	29.3





#45

1,1'-Biphenyl

Concen: 45.343 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

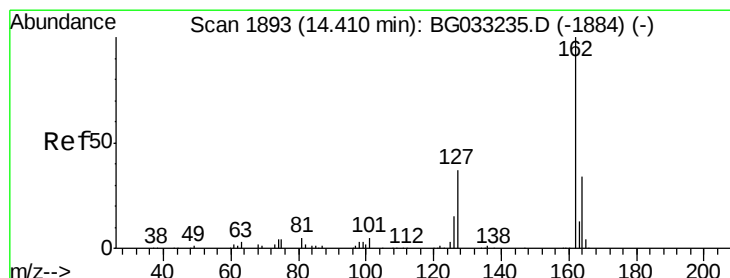
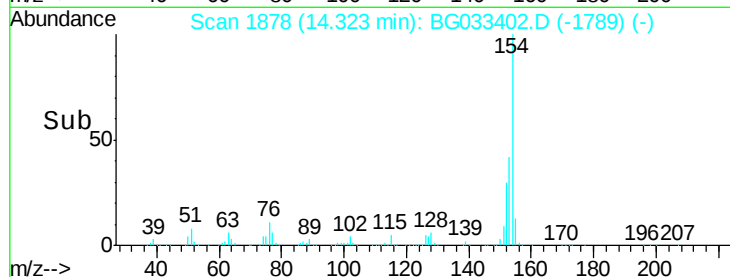
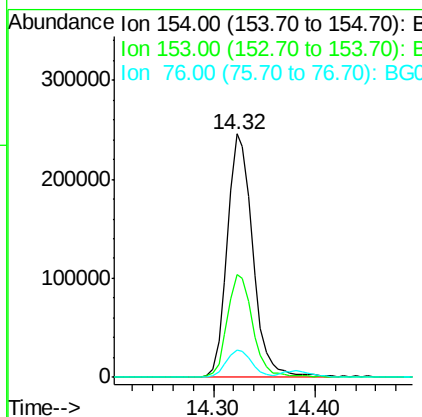
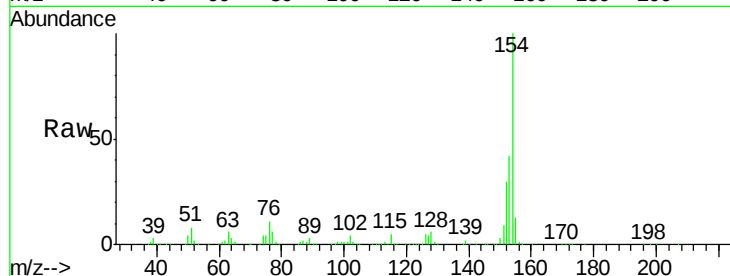
ClientSampleId :

PB107692BSD

Tot Ion:	154	Resp:	430544
Ion Ratio	Lower	Upper	
154	100		
153	42.4	19.8	59.8
76	11.5	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 45.356 ng

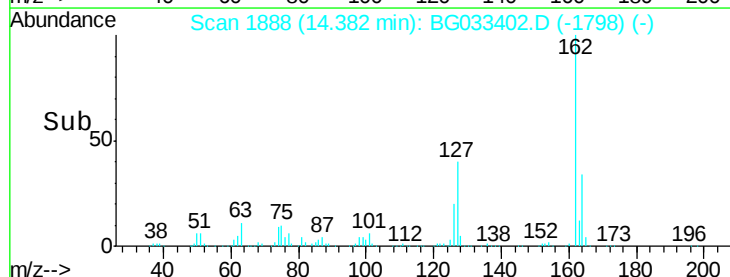
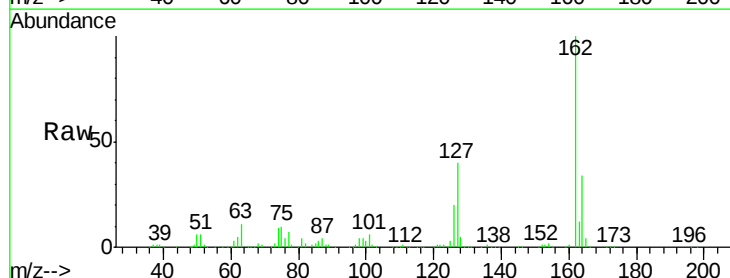
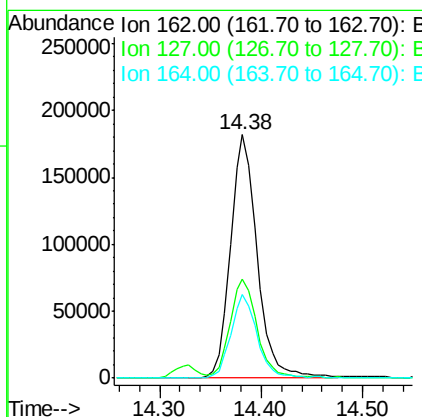
RT: 14.38 min Scan# 1888

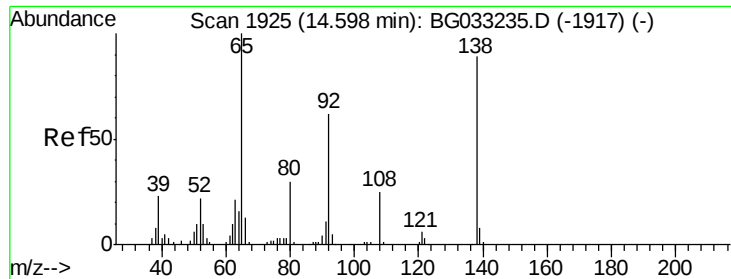
Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	162	Resp:	332064
Ion Ratio	Lower	Upper	
162	100		
127	40.4	30.7	46.1
164	34.2	26.0	39.0





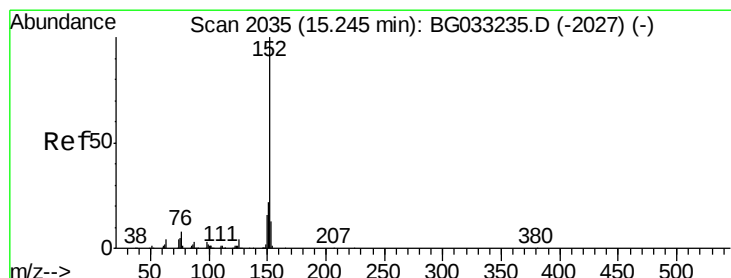
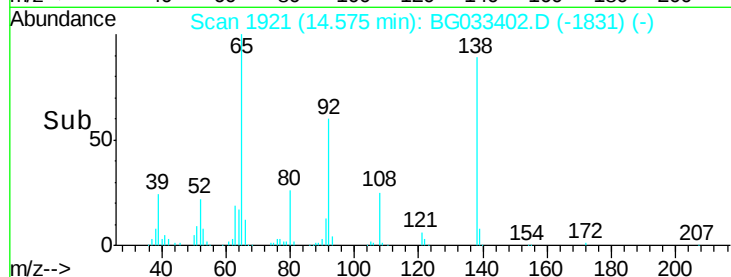
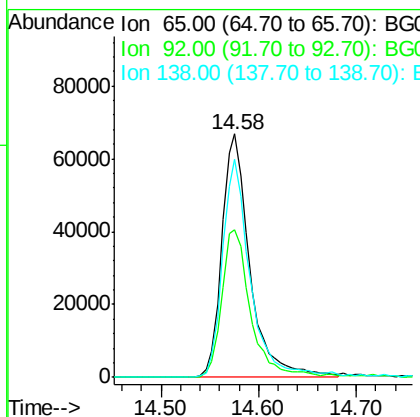
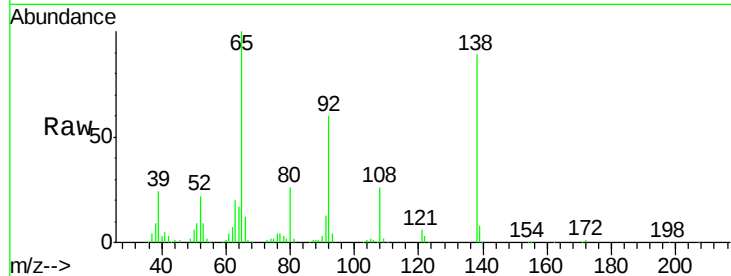
#47
2-Nitroaniline
Concen: 48.527 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.4	54.6	82.0
138	89.3	72.9	109.3

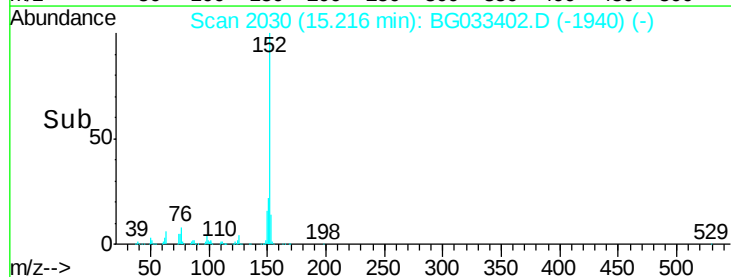
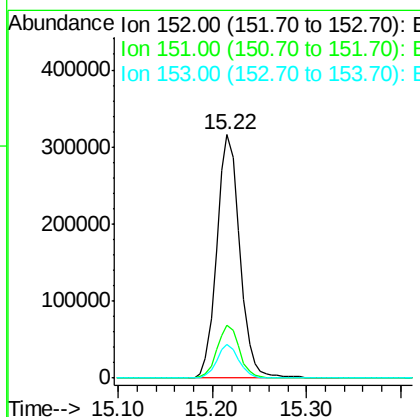
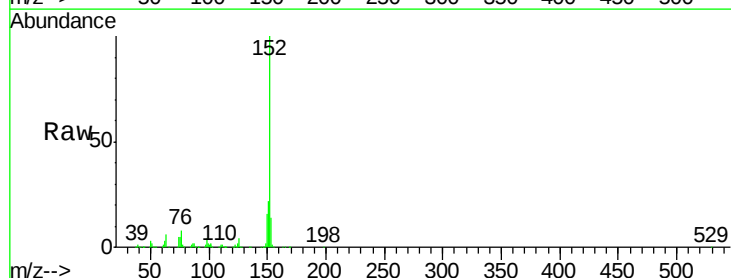
Manual Integrations
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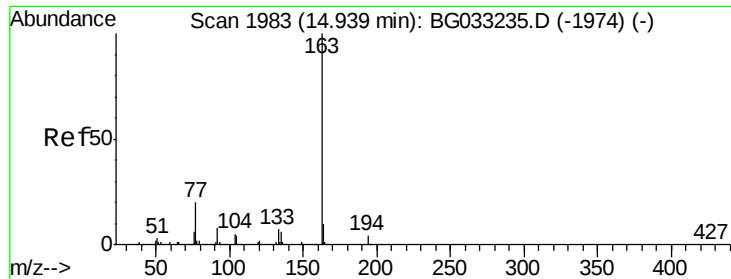
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#48
Acenaphthylene
Concen: 44.280 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.7	10.2	15.4





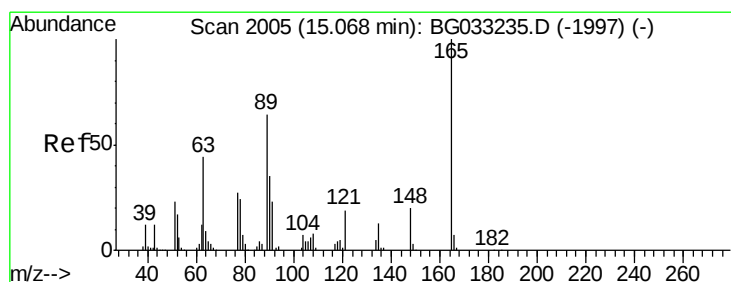
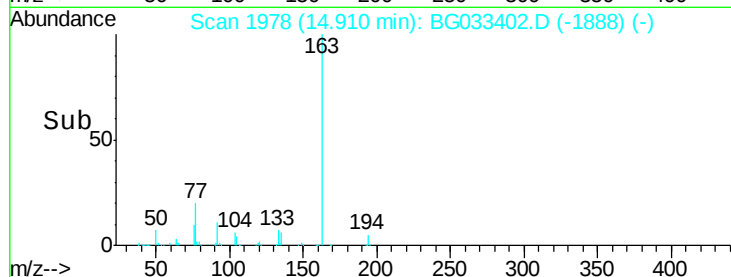
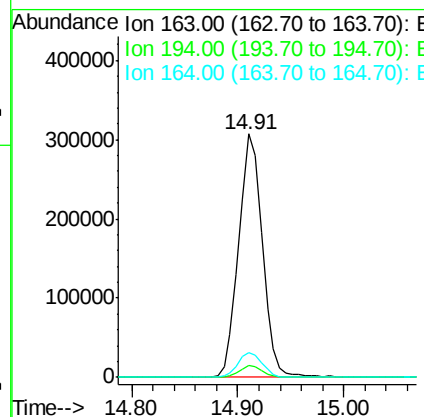
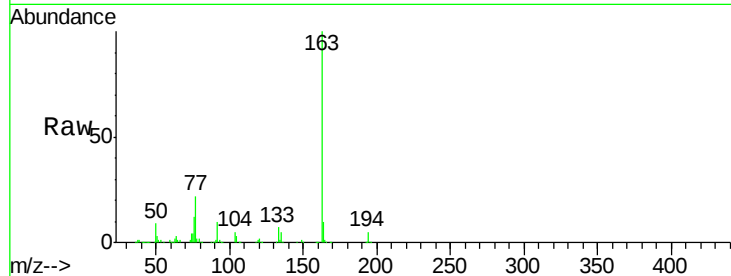
#49
Dimethylphthalate
Concen: 44.341 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	476927		
194	4.6		3.4	5.2
164	10.3		8.2	12.4

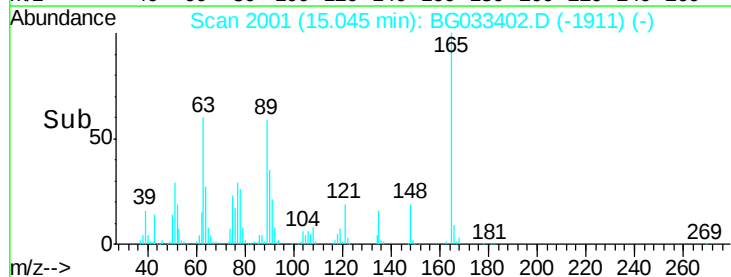
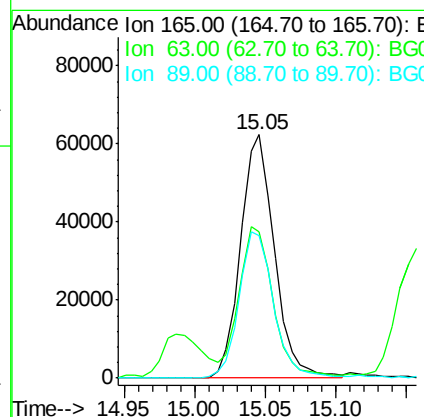
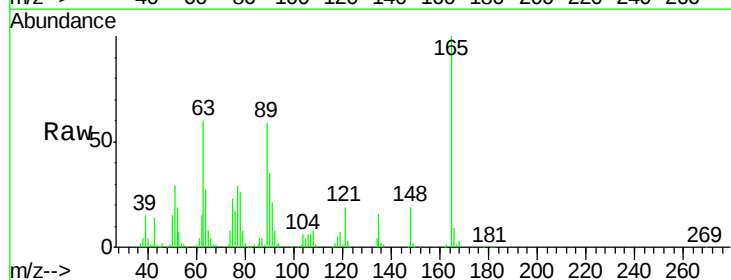
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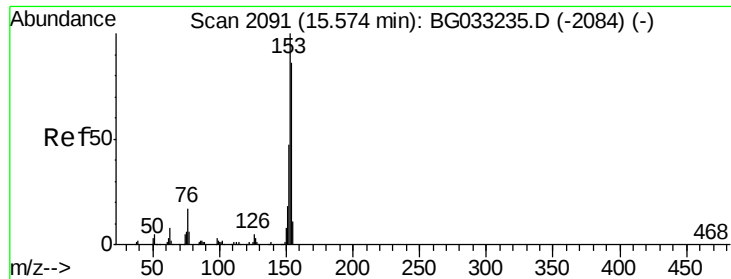
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.659 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104816		
63	59.9		52.7	79.1
89	58.7		49.2	73.8





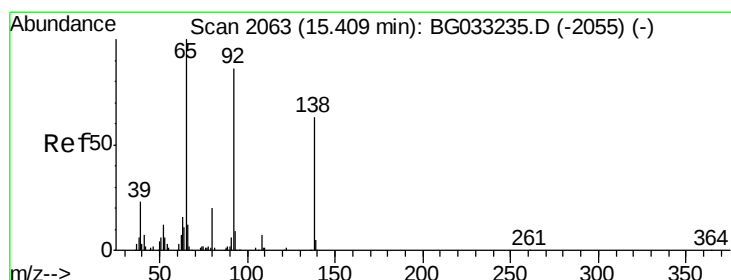
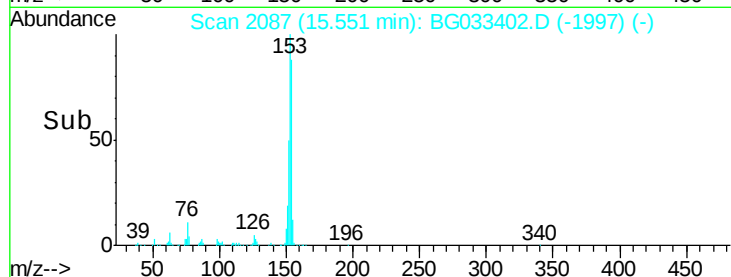
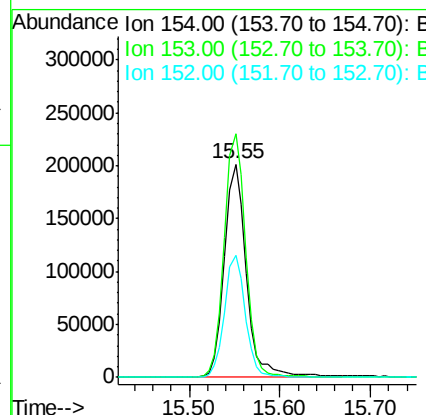
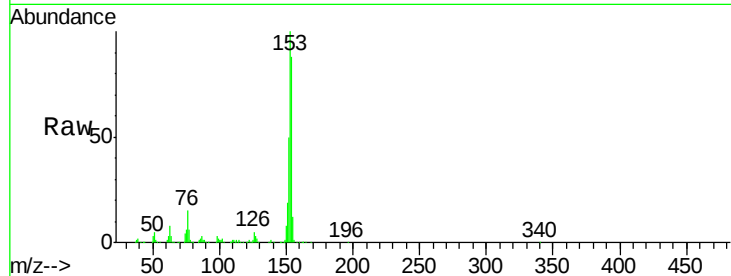
#51
Acenaphthene
Concen: 43.286 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.4	135.6
152	57.2	41.6	62.4

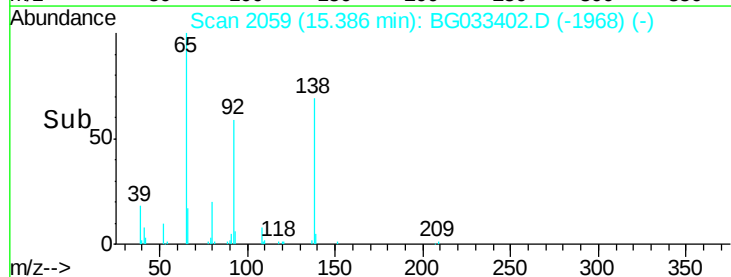
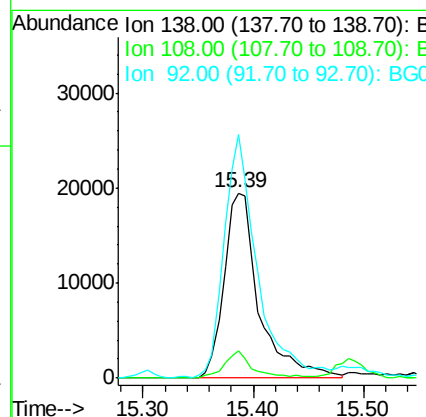
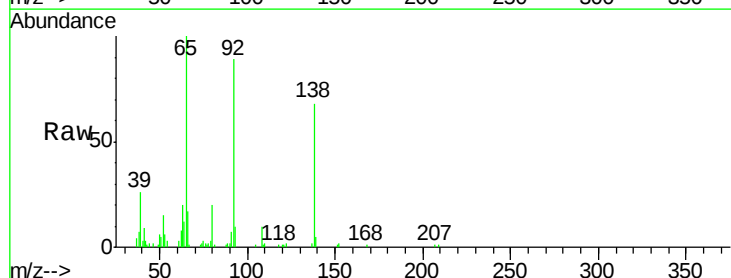
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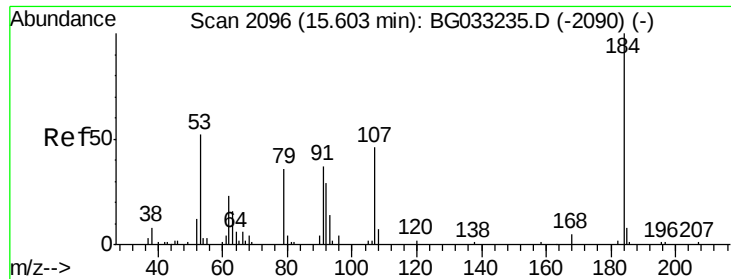
Sohil
3/29/2018 5:39:06 PM



#52
3-Nitroaniline
Concen: 18.636 ng
RT: 15.39 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.4	17.5	26.3#
92	131.7	105.8	158.8





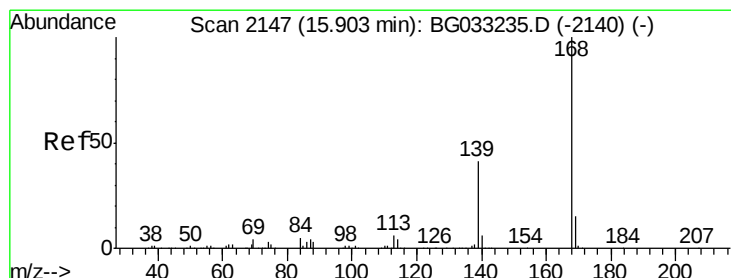
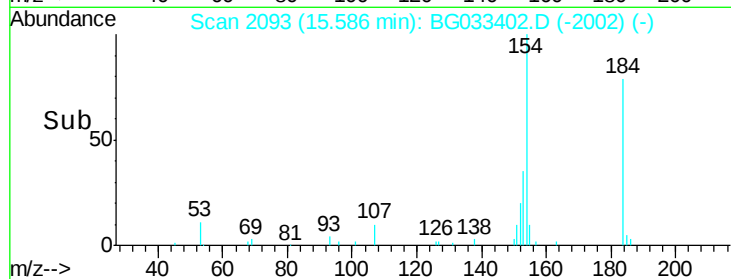
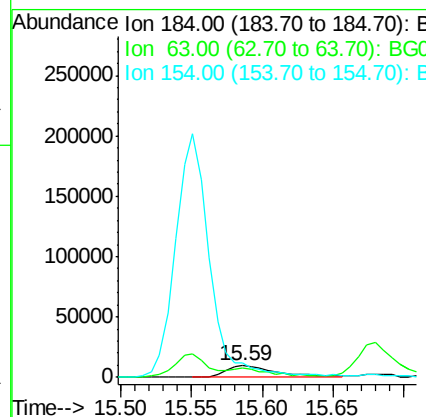
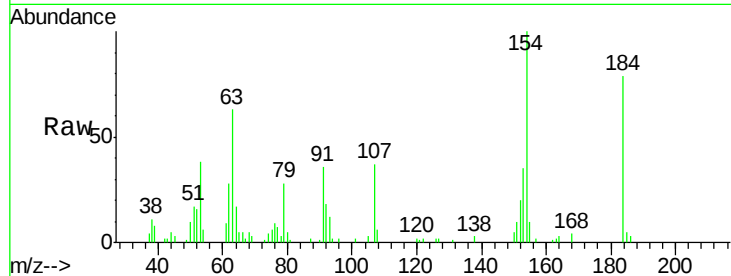
#53
 2,4-Dinitrophenol
 Concen: 27.082 ng
 RT: 15.59 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.6	59.8	89.8
154	126.8	101.8	152.8

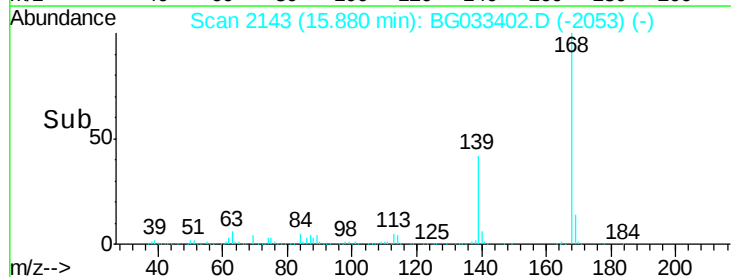
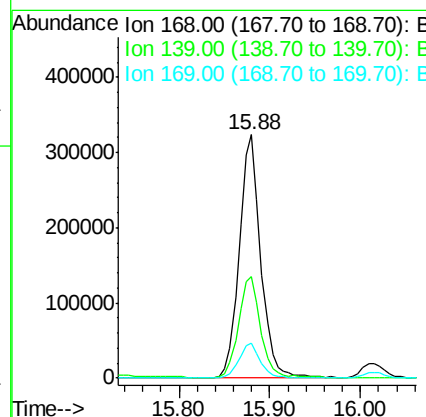
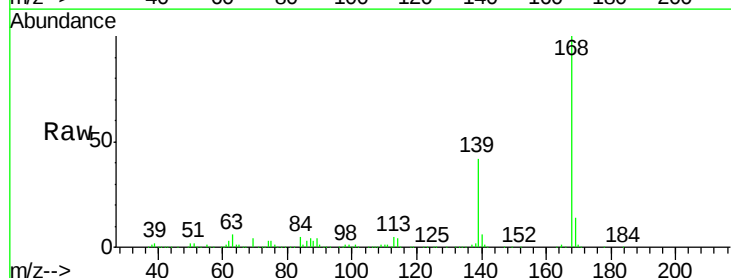
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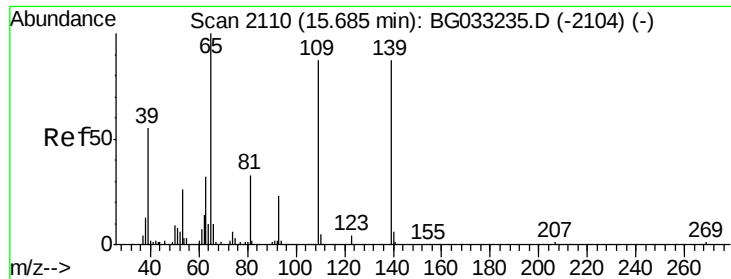
Sohil
 3/29/2018 5:39:06 PM



#54
 Dibenzofuran
 Concen: 46.019 ng
 RT: 15.88 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	28.6	43.0
169	14.4	11.2	16.8





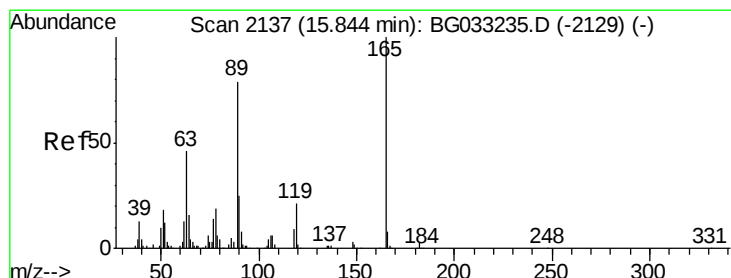
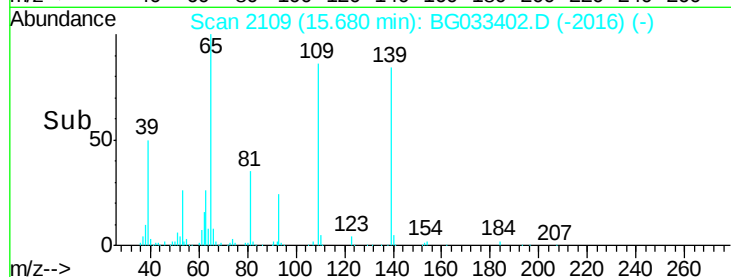
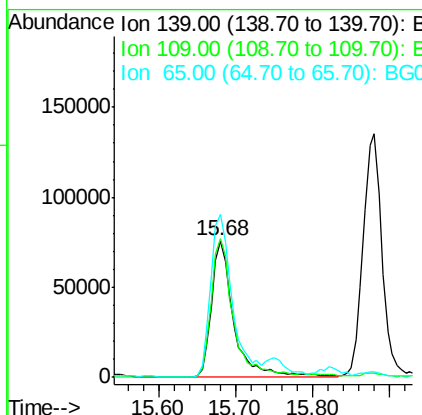
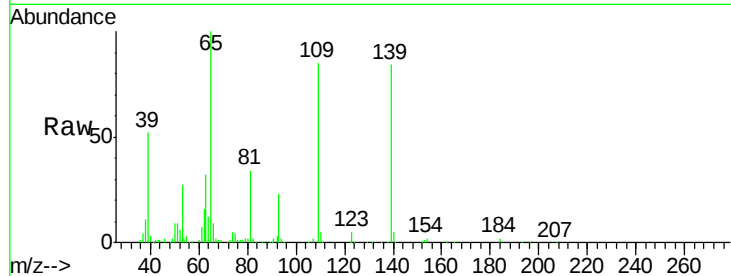
#55
4-Nitrophenol
Concen: 93.370 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	101.9	62.2	102.2
65	119.3	97.2	137.2

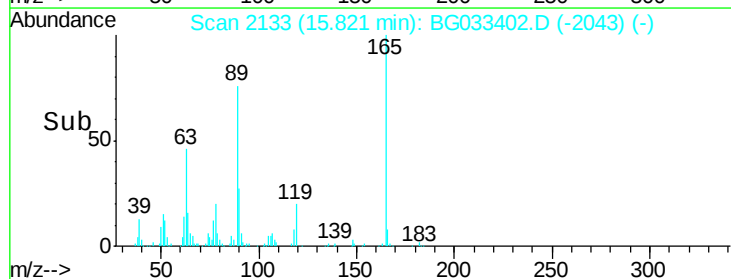
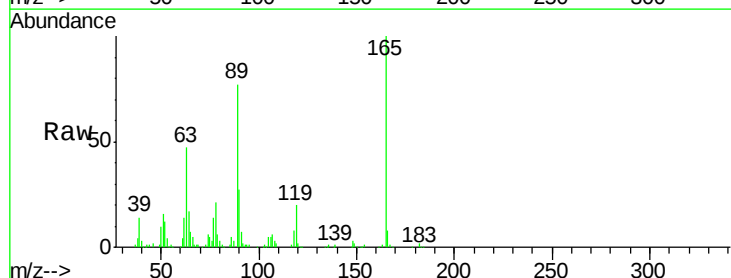
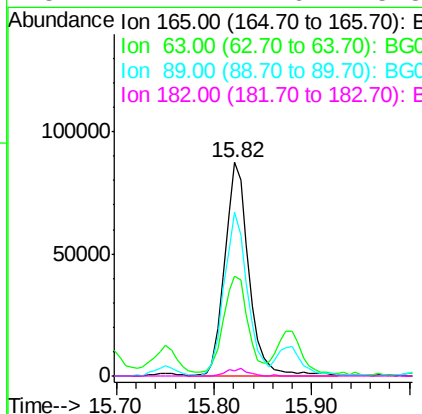
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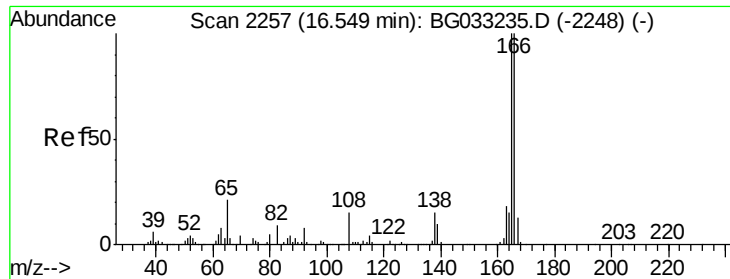
Sohil
3/29/2018 5:39:06 PM



#56
2,4-Dinitrotoluene
Concen: 46.454 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	42.0	63.0
89	76.5	66.9	100.3
182	2.2	2.6	3.8#





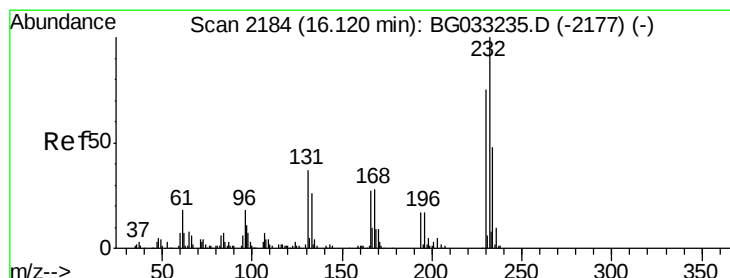
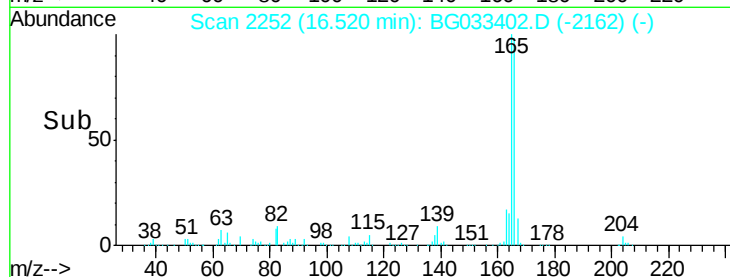
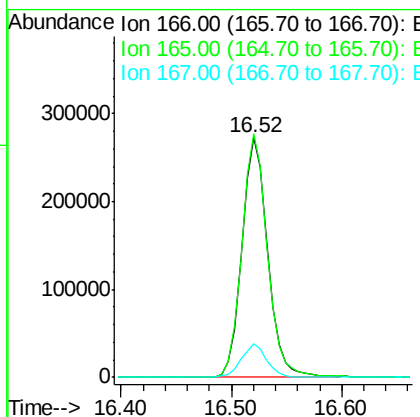
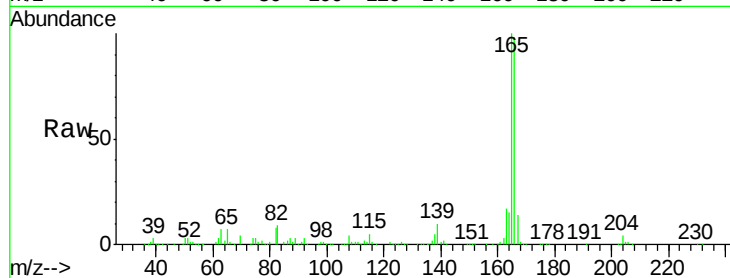
#57
 Fluorene
 Concen: 45.145 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	447553		
165	101.8	80.6	121.0	
167	13.8	10.4	15.6	

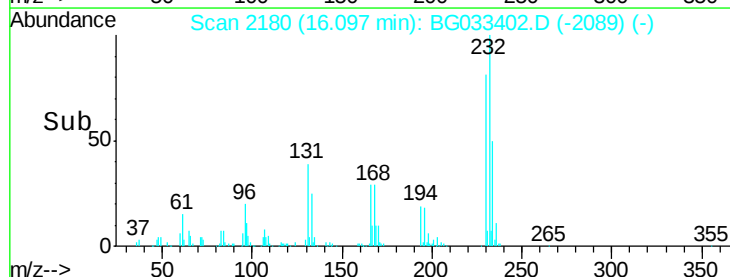
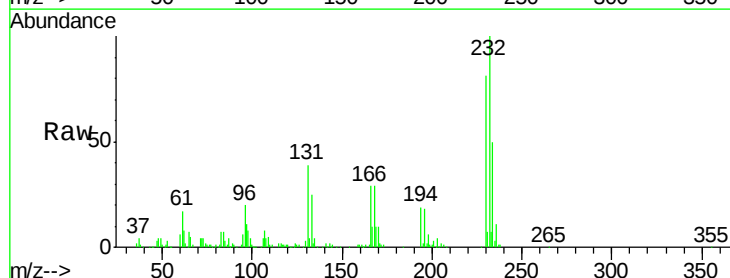
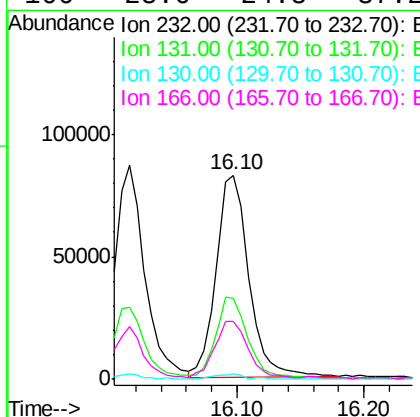
Manual Integrations
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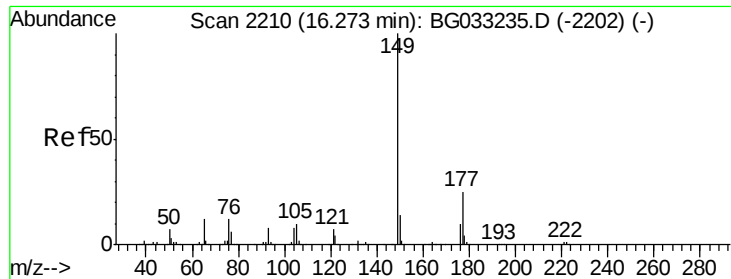
Sohil
 3/29/2018 5:39:06 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.673 ng
 RT: 16.10 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	149558		
131	39.5	33.5	50.3	
130	2.2	2.2	3.2	
166	28.6	24.8	37.2	





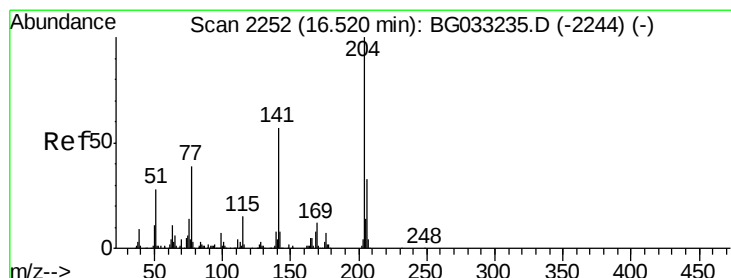
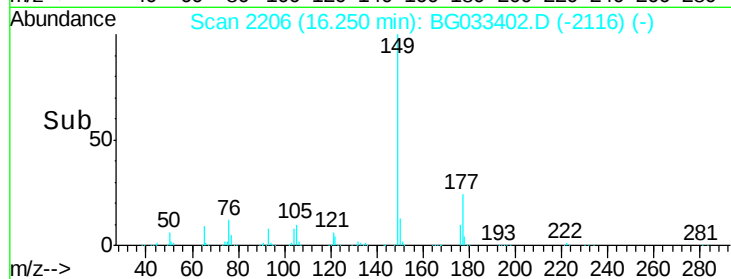
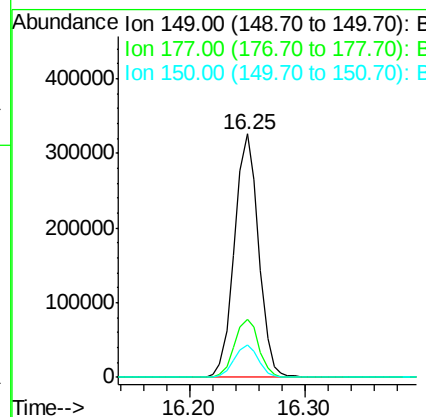
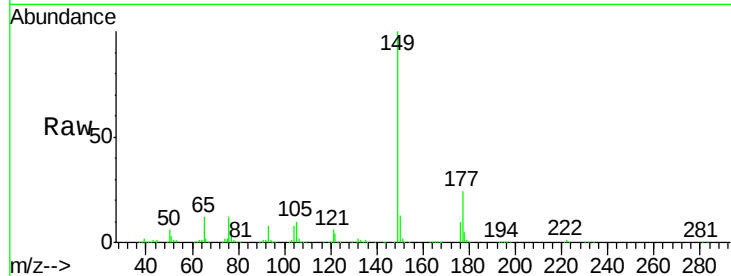
#59
Diethylphthalate
Concen: 45.270 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.5	27.7
150	13.3	10.2	15.2

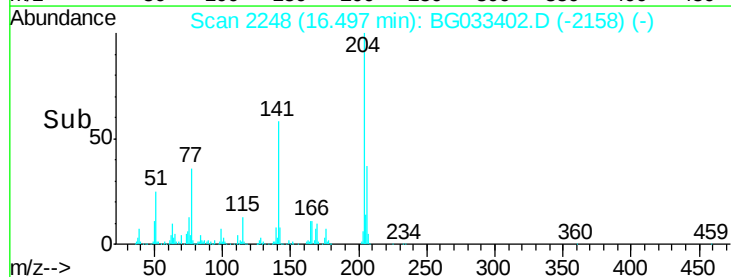
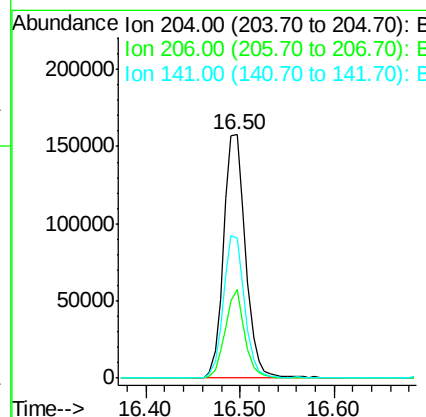
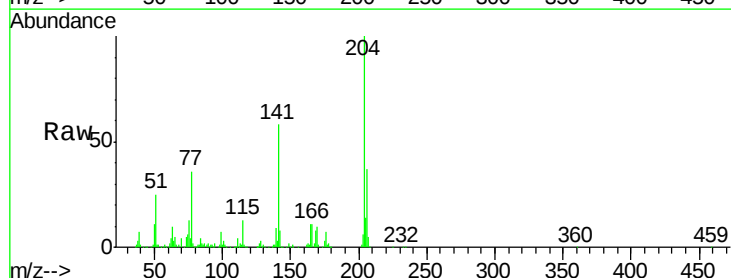
Manual Integrations
APPROVED

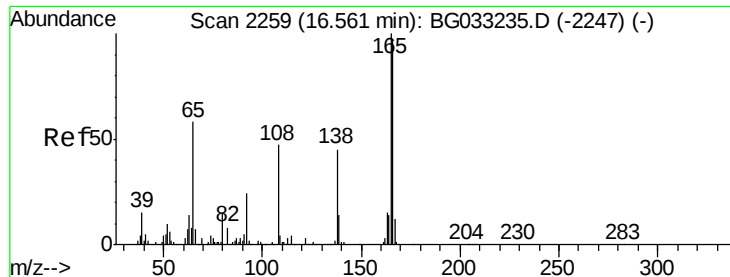
Sohil
3/29/2018 5:39:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.324 ng
RT: 16.50 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.6	26.2	39.2
141	57.5	45.8	68.6





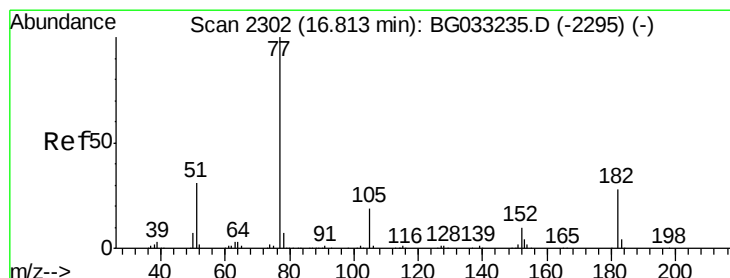
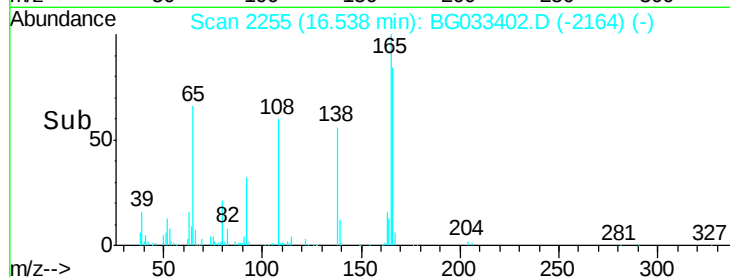
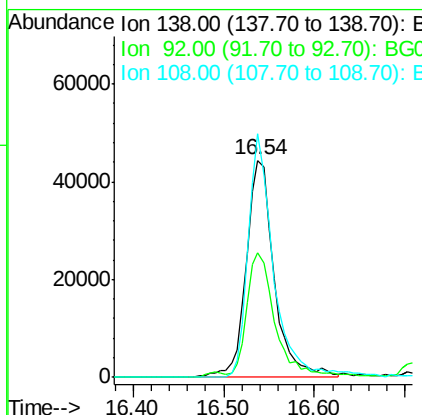
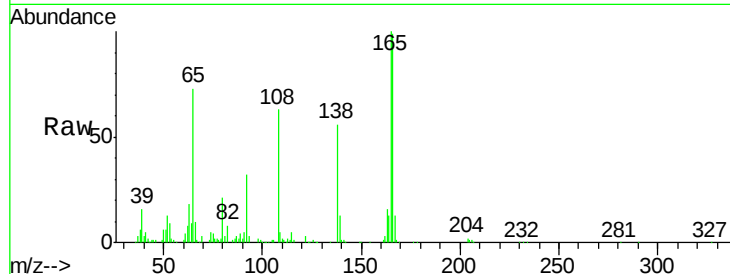
#61
4-Nitroaniline
Concen: 40.747 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	57.6	40.1	80.1	
108	112.2	65.4	105.4	

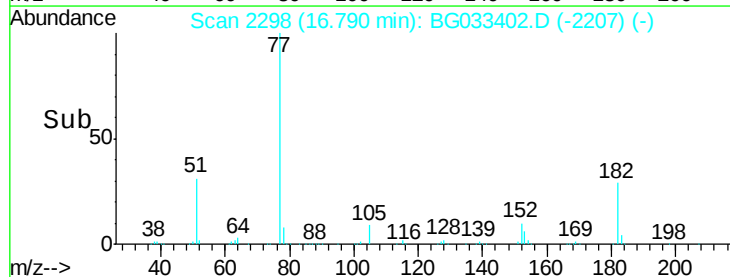
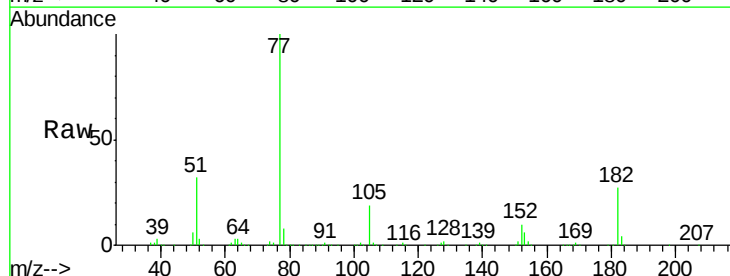
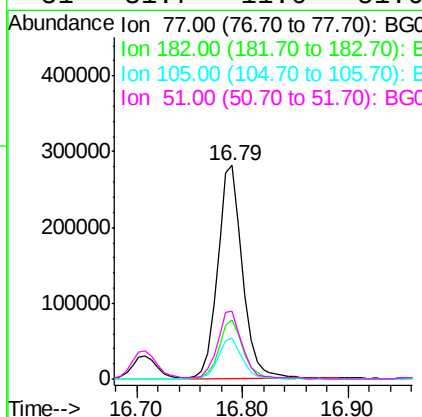
Manual Integrations
APPROVED

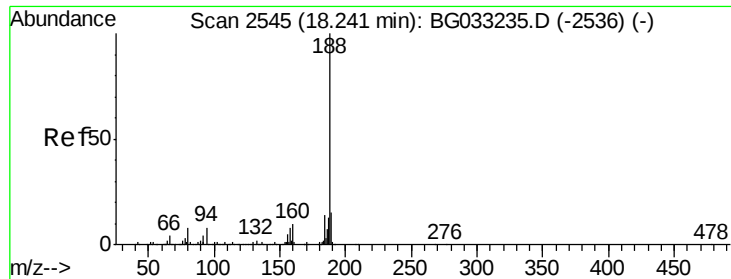
Sohil
3/29/2018 5:39:06 PM



#62
Azobenzene
Concen: 45.319 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.4	7.4	47.4	
105	19.2	0.3	40.3	
51	31.7	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

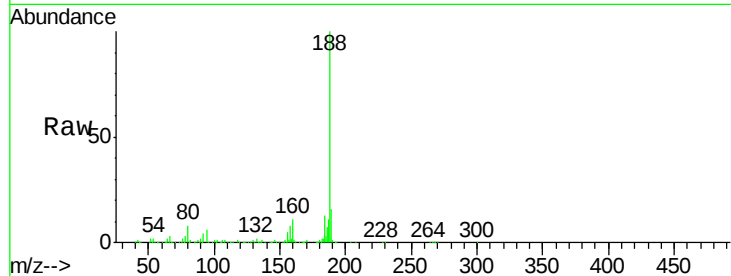
ClientSampleId :

PB107692BSD

Tot Ion:	188	Resp:	317550
Ion Ratio	Lower	Upper	
188	100		
94	6.3	6.9	10.3#
80	7.6	7.7	11.5#

Manual Integrations
APPROVED

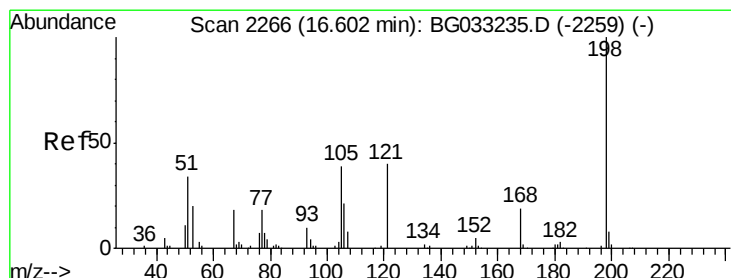
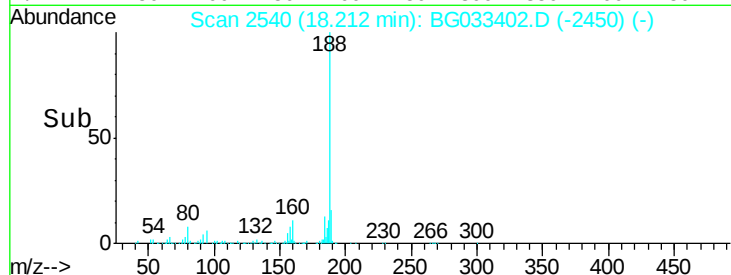
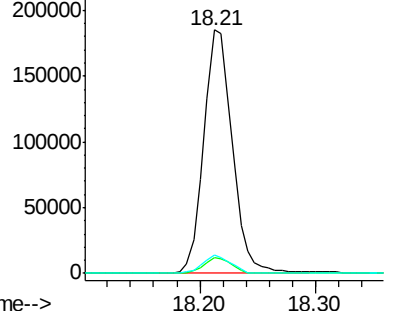
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 20.567 ng

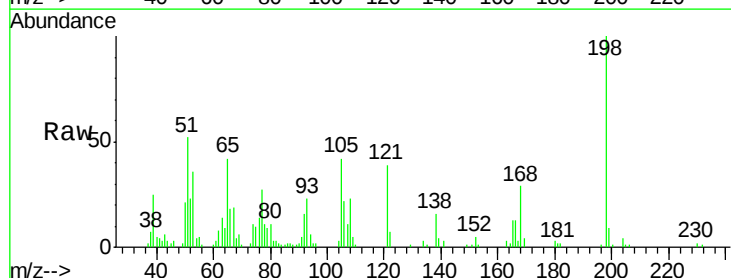
RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

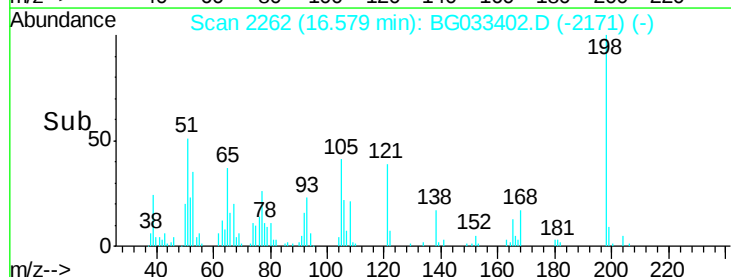
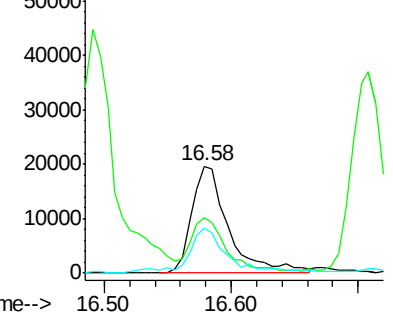
Tgt Ion:	198	Resp:	39070
Ion Ratio	Lower	Upper	
198	100		
51	51.6	30.6	70.6
105	41.6	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.808 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

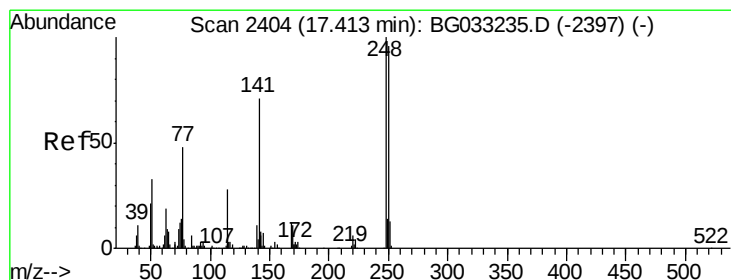
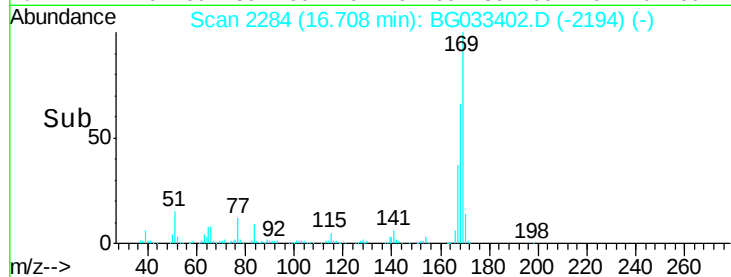
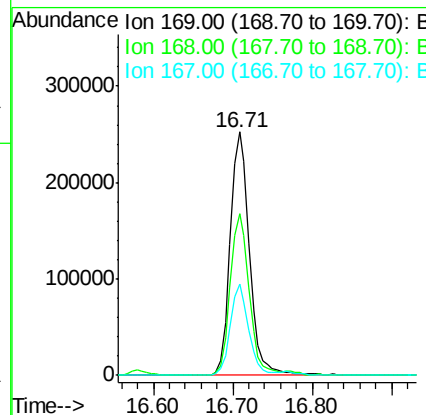
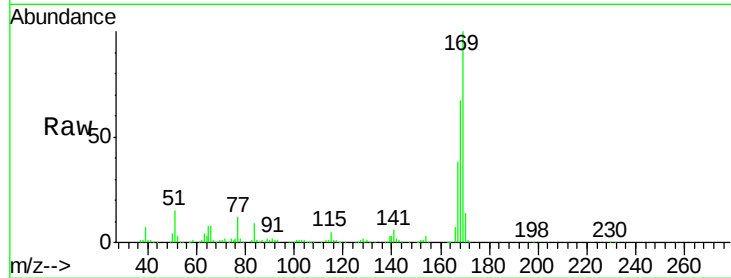
ClientSampleId :

PB107692BSD

Tot Ion:	169	Resp:	424346
Ion Ratio	Lower	Upper	
169	100		
168	66.6	55.7	83.5
167	37.5	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 47.242 ng

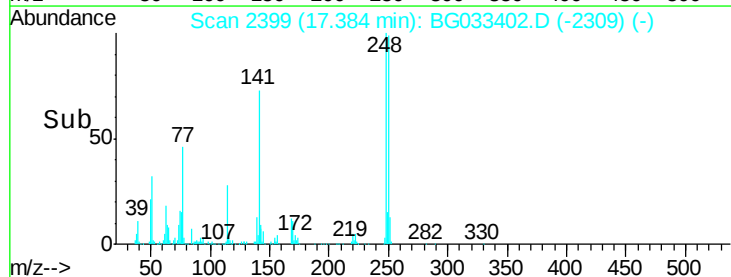
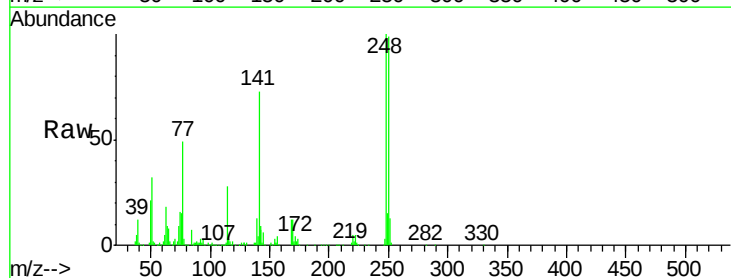
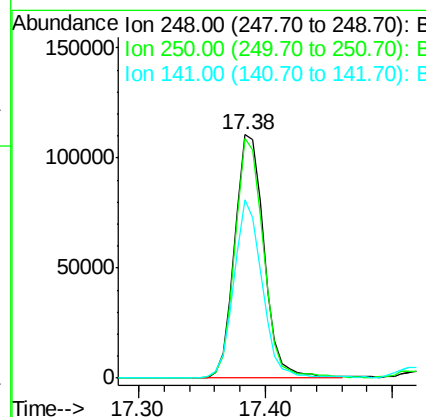
RT: 17.38 min Scan# 2399

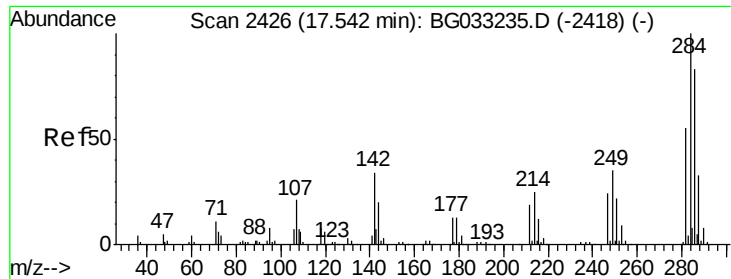
Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	248	Resp:	176182
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.1	115.7
141	73.4	50.8	76.2





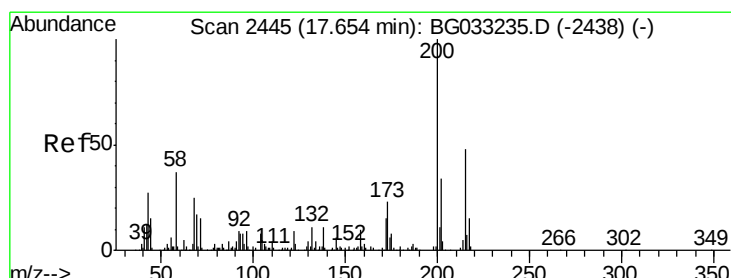
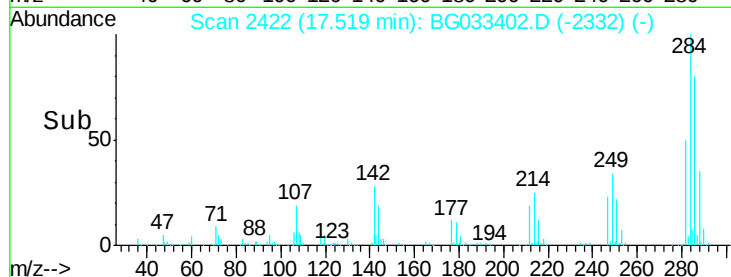
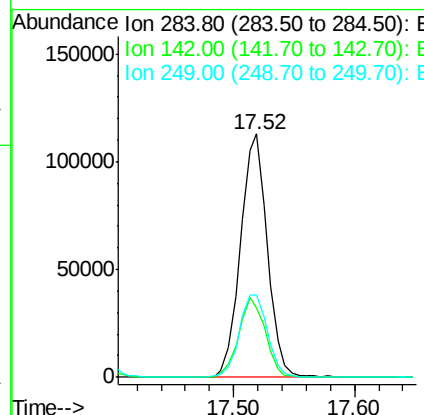
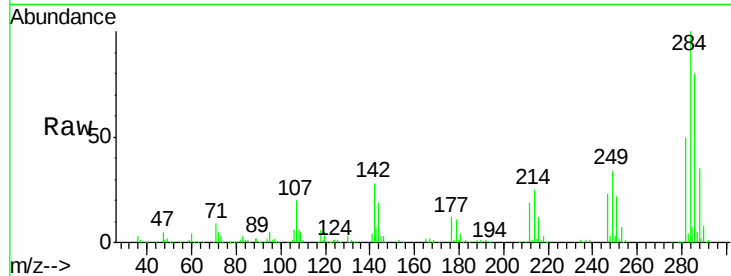
#67
Hexachlorobenzene
Concen: 44.591 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	175501		
142	28.3	26.8	40.2	
249	33.9	26.3	39.5	

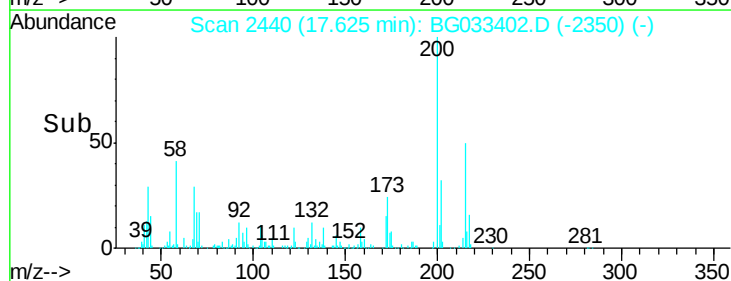
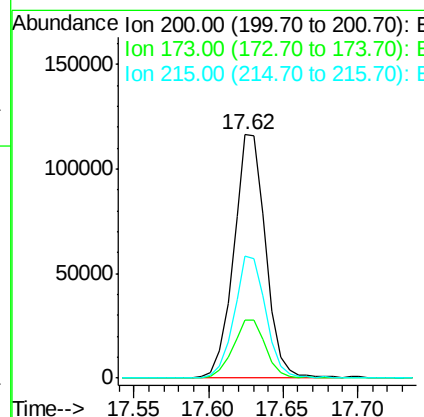
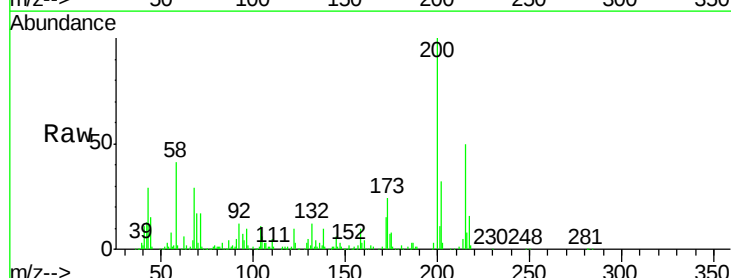
Manual Integrations
APPROVED

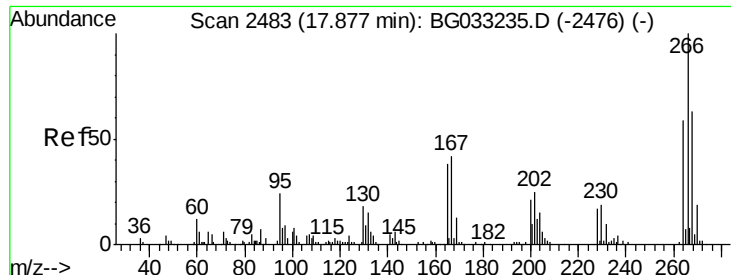
Sohil
3/29/2018 5:39:06 PM



#68
Atrazine
Concen: 47.205 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	173410		
173	23.9	5.2	45.2	
215	50.2	30.4	70.4	





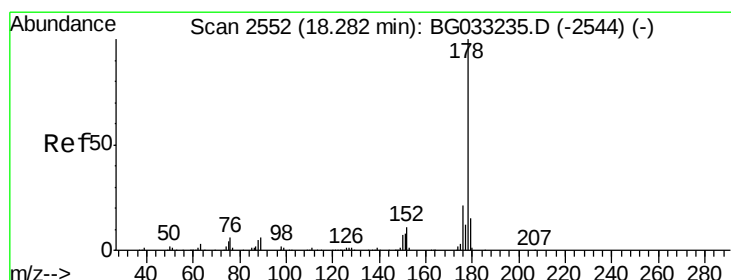
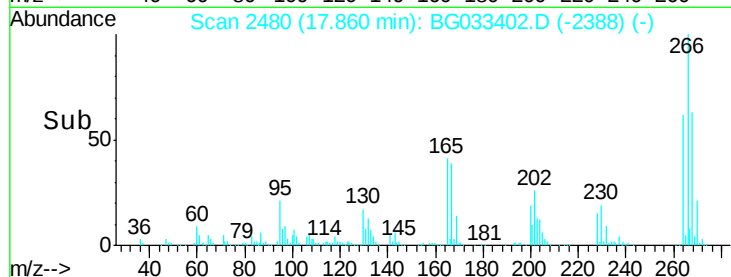
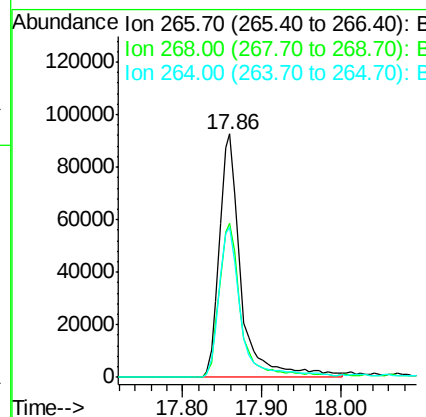
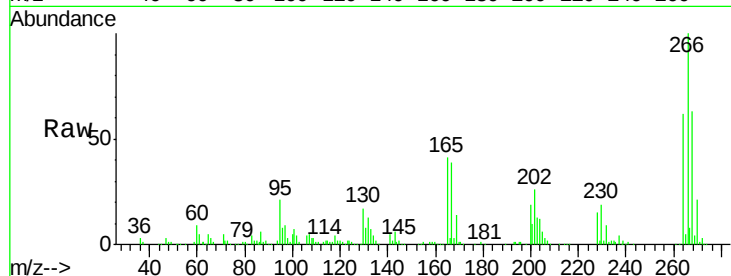
#69
 Pentachlorophenol
 Concen: 65.068 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. 0.01 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	61.5	49.6	74.4

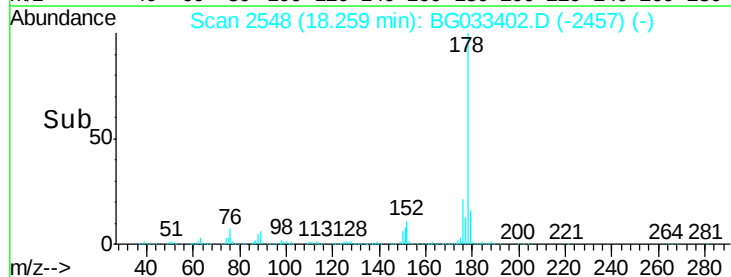
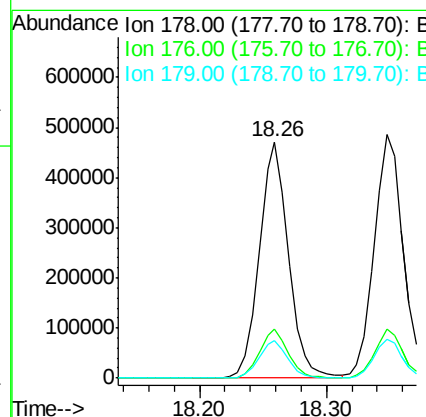
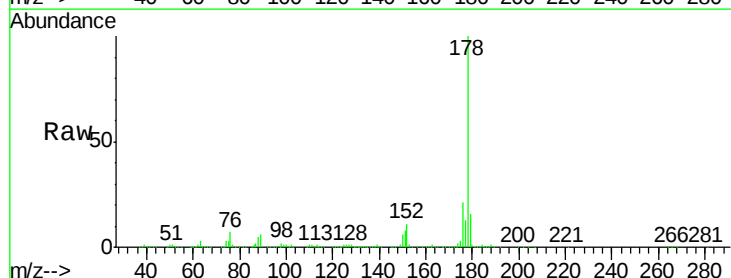
Manual Integrations
 APPROVED

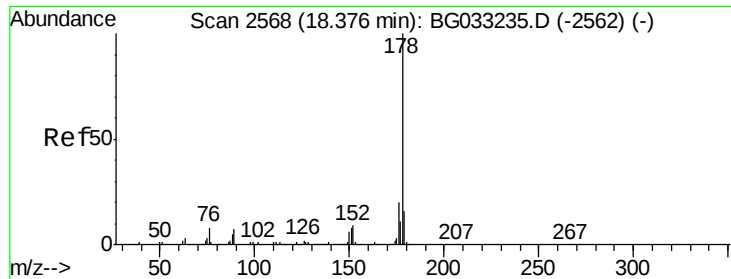
Sohil
 3/29/2018 5:39:06 PM



#70
 Phenanthrene
 Concen: 45.507 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	16.0	12.5	18.7





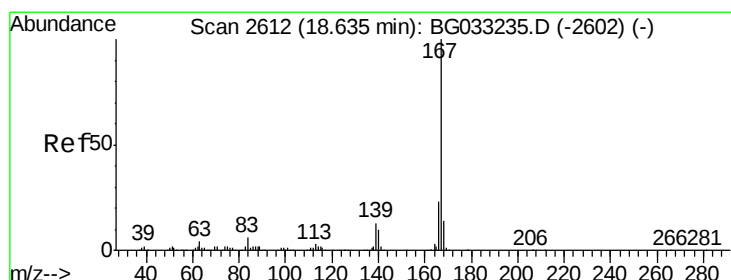
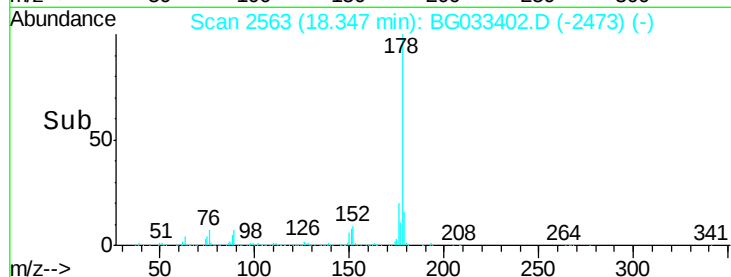
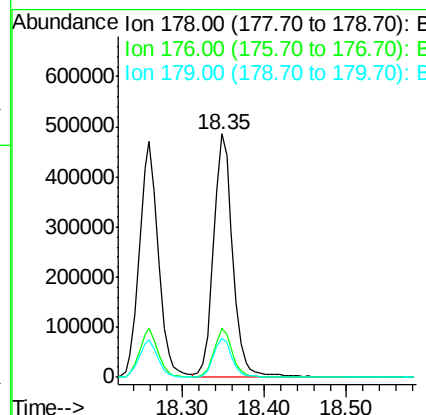
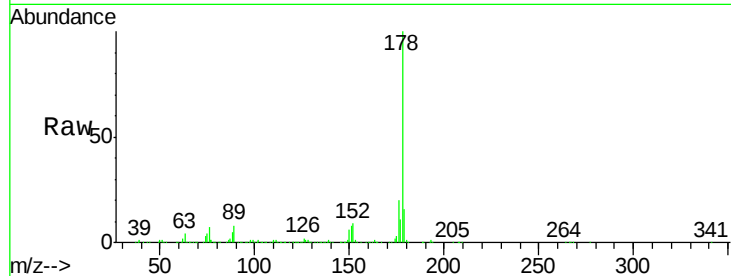
#71
 Anthracene
 Concen: 47.140 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.0	12.5	18.7

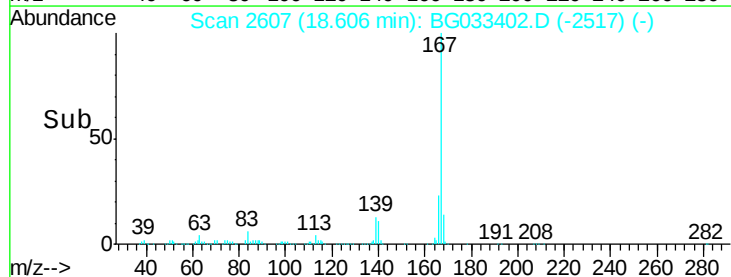
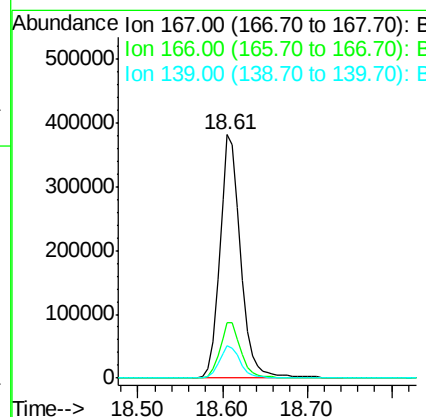
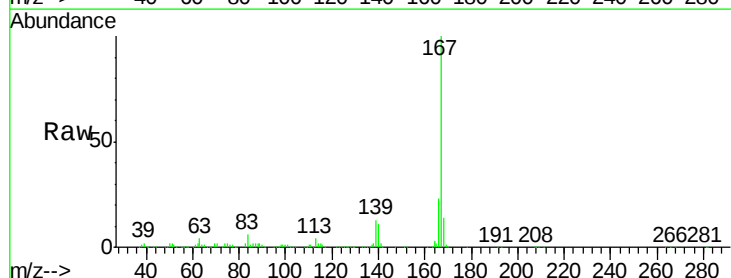
Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:06 PM



#72
 Carbazole
 Concen: 44.424 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	13.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 45.847 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

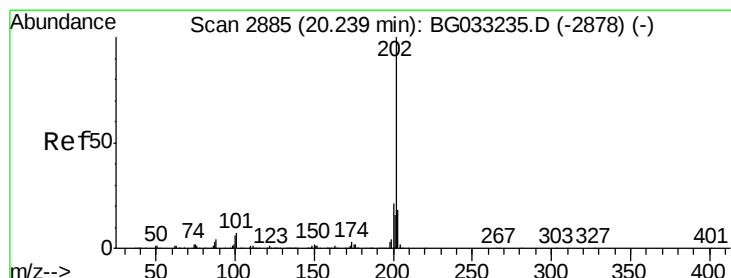
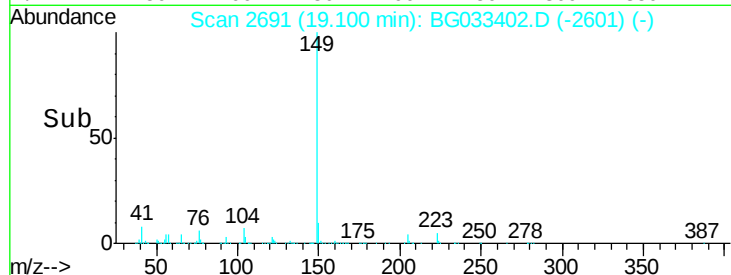
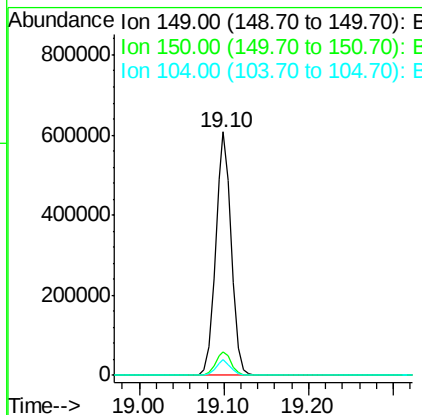
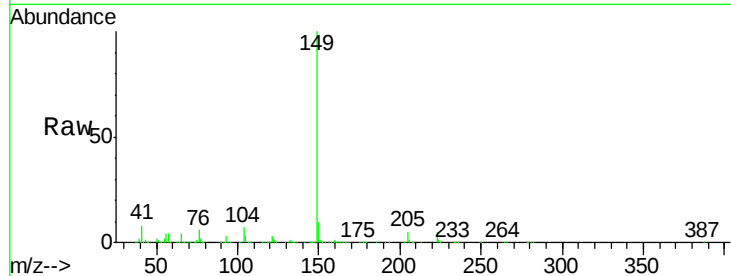
ClientSampleId :

PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	791847		
150	9.9	7.8	11.6	
104	6.5	3.9	5.9	

Manual Integrations
APPROVED

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3/29/2018 5:39:06 PM



#74

Fluoranthene

Concen: 44.841 ng

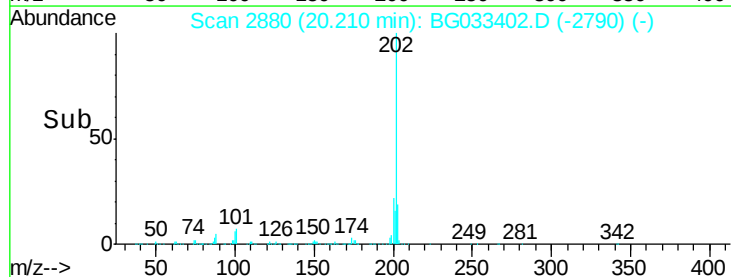
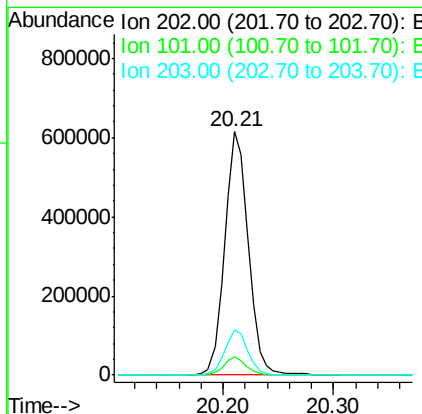
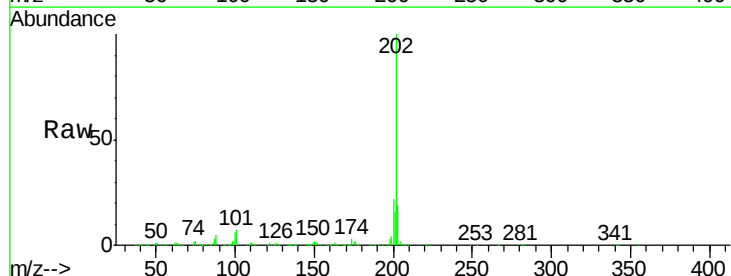
RT: 20.21 min Scan# 2880

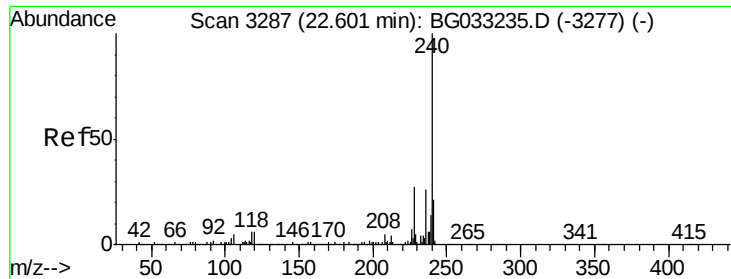
Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	917689		
101	7.4	0.0	28.9	
203	18.8	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.57 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

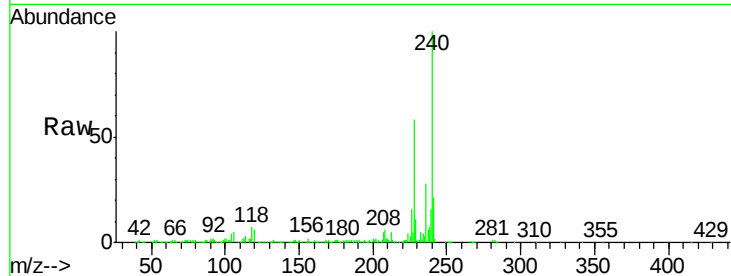
ClientSampleId :

PB107692BSD

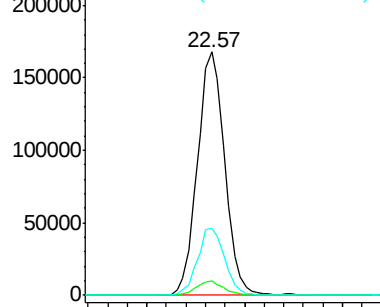
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	27.5	20.9	31.3

Manual Integrations
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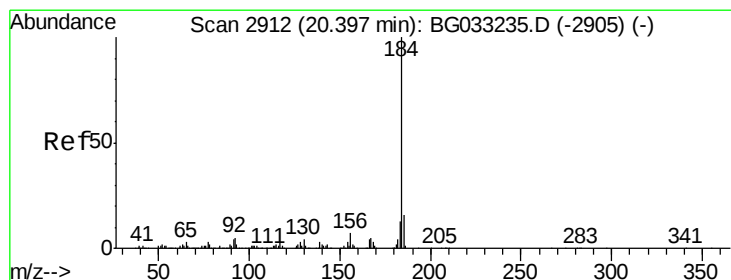
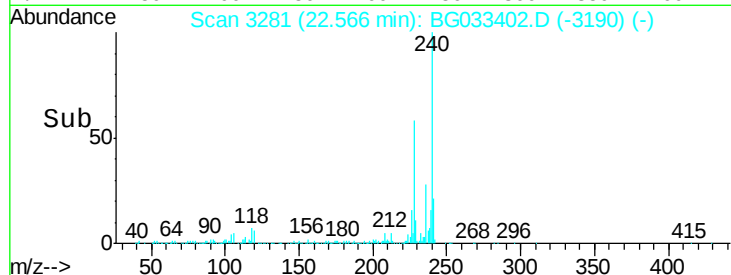
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E



Time-->



#76

Benzidine

Concen: 21.771 ng

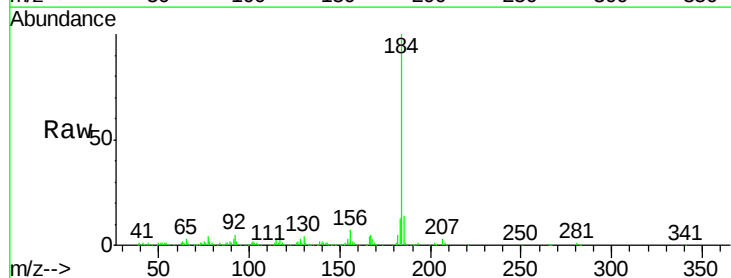
RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

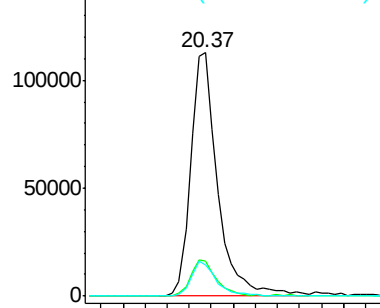
Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

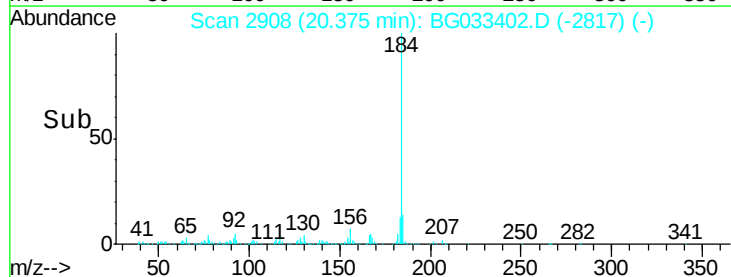
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	12.8	10.6	16.0

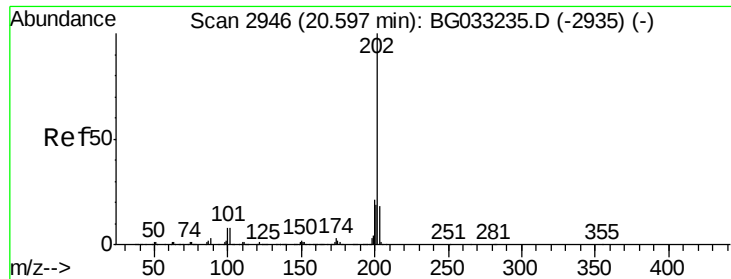


Abundance Ion 184.00 (183.70 to 184.70): E



Time-->





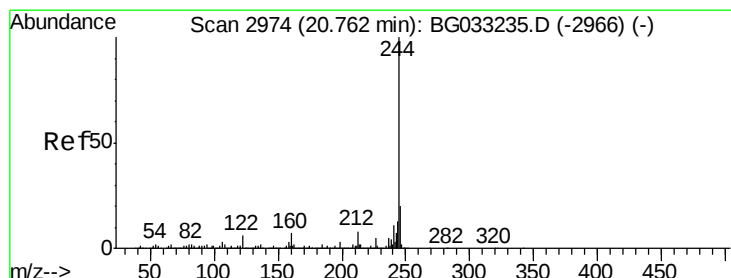
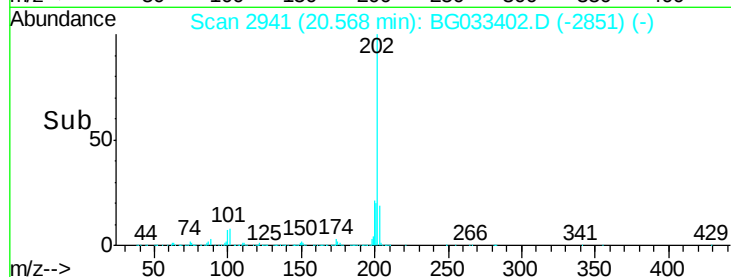
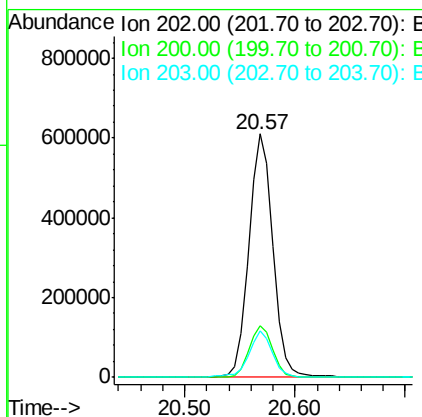
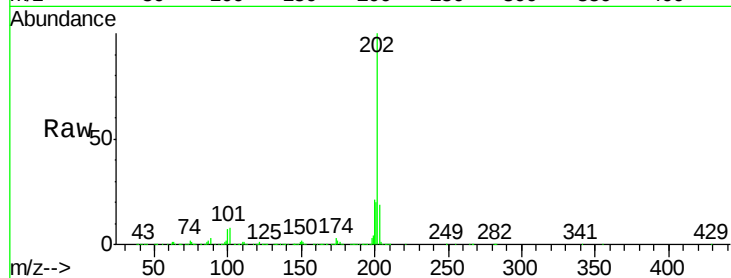
#77
Pvrene
Concen: 42.771 ng
RT: 20.57 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.8	13.9	20.9

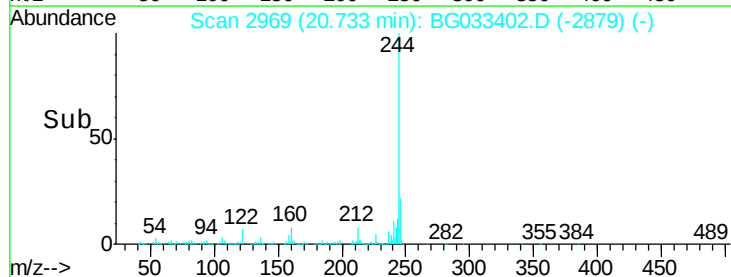
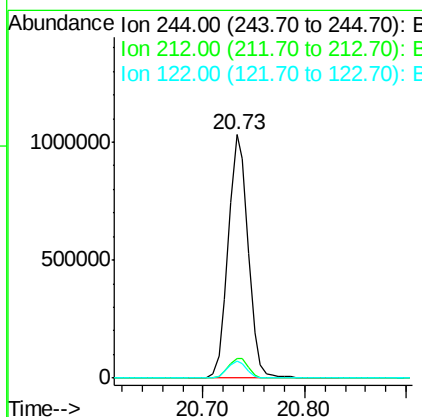
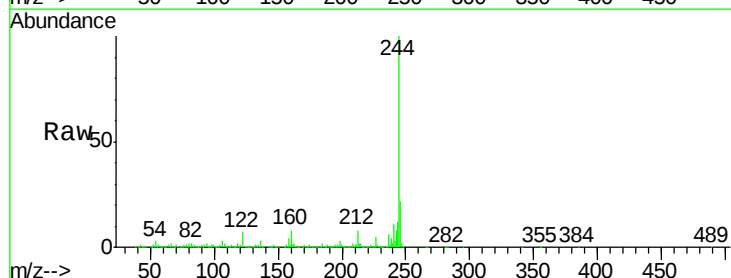
Manual Integrations
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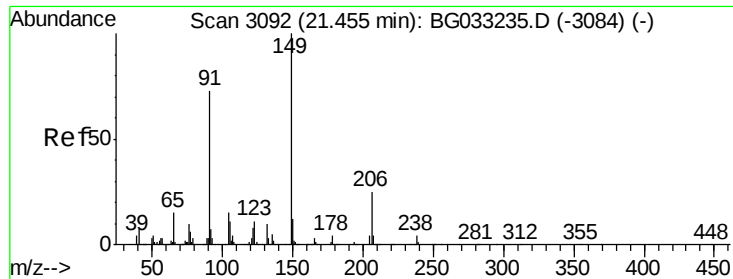
Sohil
3/29/2018 5:39:06 PM



#78
Terphenyl-d14
Concen: 92.558 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	5.8	8.8
122	7.2	7.0	10.4





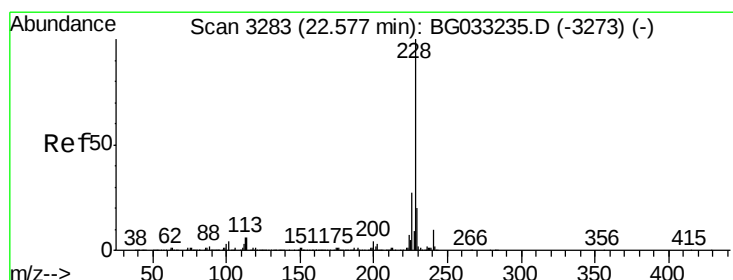
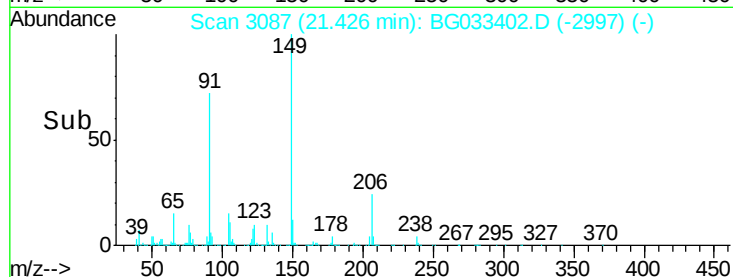
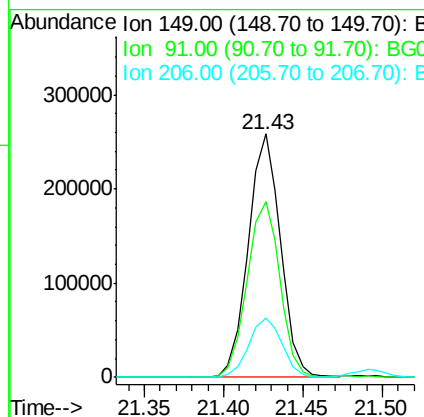
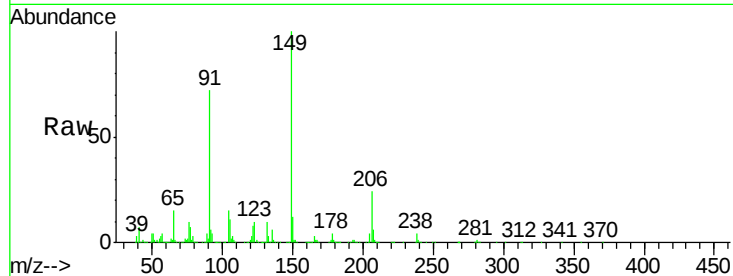
#79
Butylbenzylphthalate
Concen: 45.383 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.3	62.2	93.2	
206	24.2	18.6	27.8	

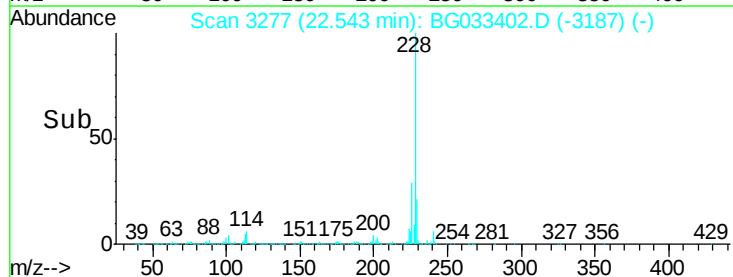
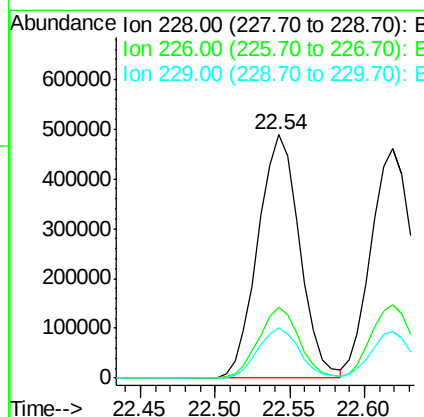
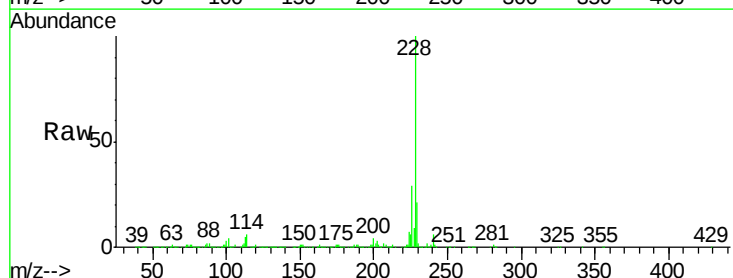
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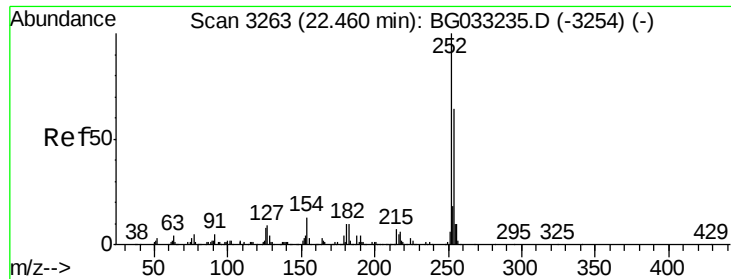
Sohil
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#80
Benzo(a)anthracene
Concen: 45.746 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.3	22.7	34.1	
229	20.7	16.2	24.2	





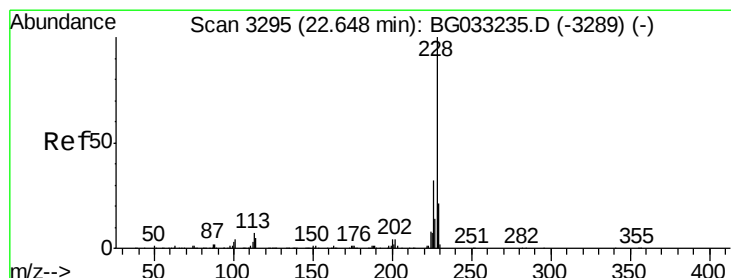
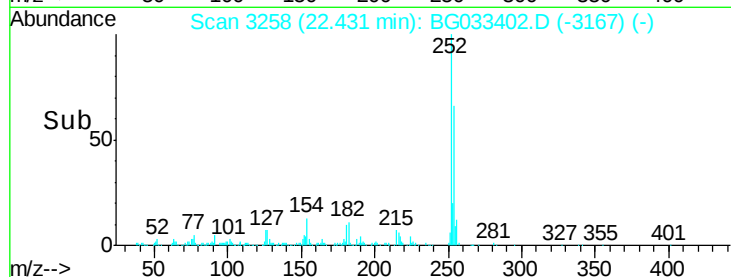
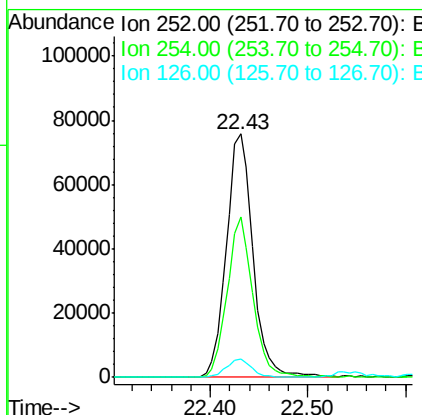
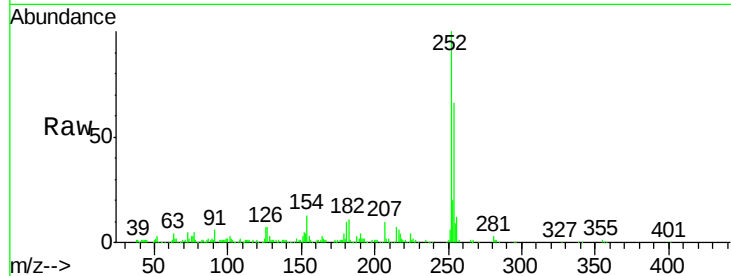
#81
 3,3'-Dichlorobenzidine
 Concen: 19.368 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Instrument :
 BNA_G
 ClientSampled :
 PB107692BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.8	76.2
126	7.5	7.4	11.2

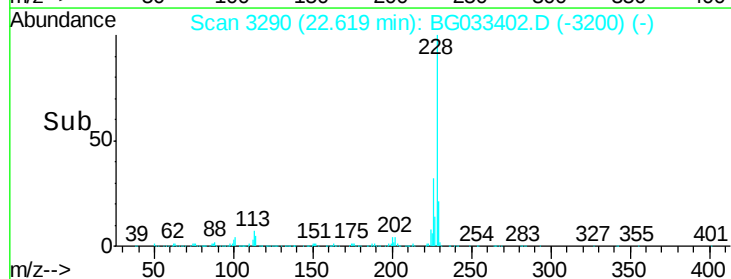
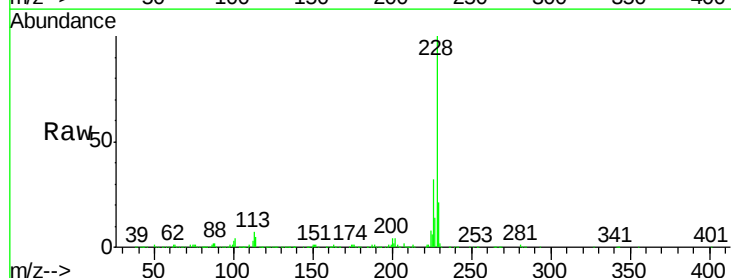
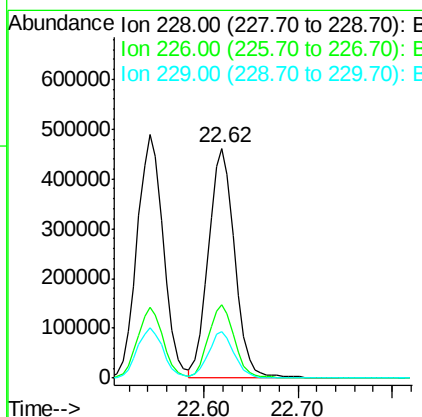
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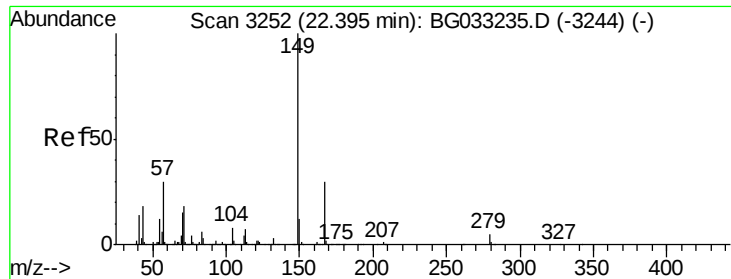
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#82
 Chrysene
 Concen: 44.789 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033402.D
 Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.909 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

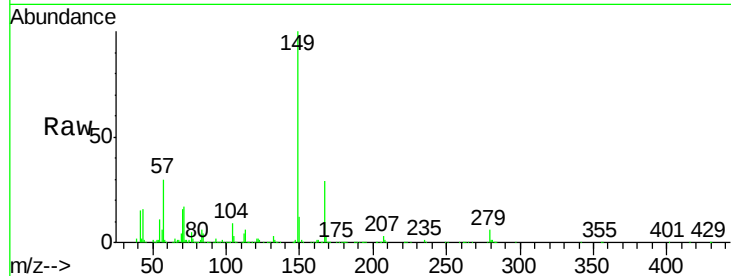
ClientSampleId :

PB107692BSD

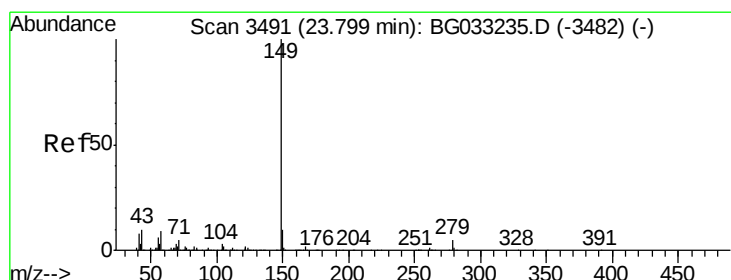
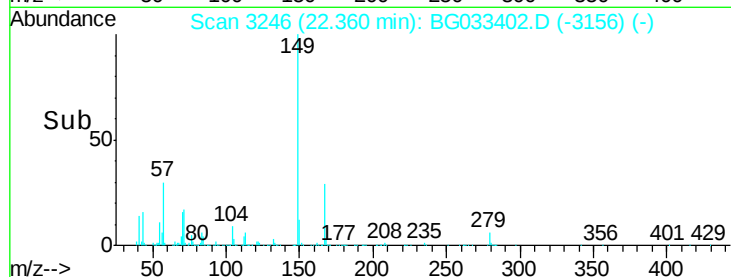
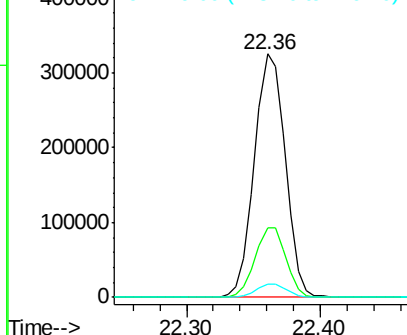
Tot Ion:	149	Resp:	518582
Ion Ratio	Lower	Upper	
149	100		
167	28.6	24.3	36.5
279	5.6	4.0	6.0

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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: 52.536 ng

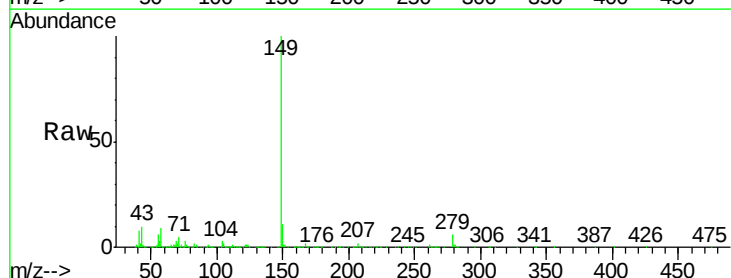
RT: 23.76 min Scan# 3484

Delta R.T. -0.00 min

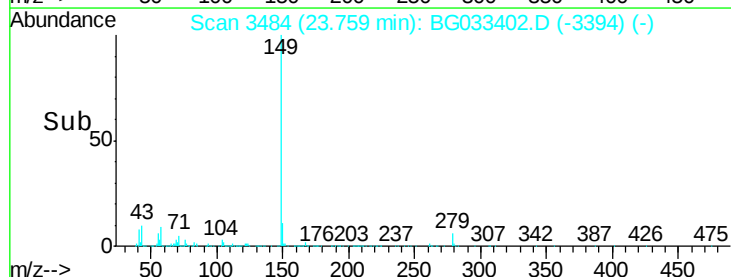
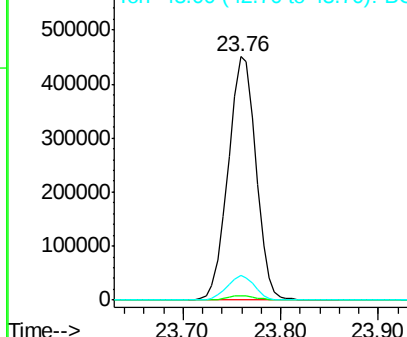
Lab File: BG033402.D

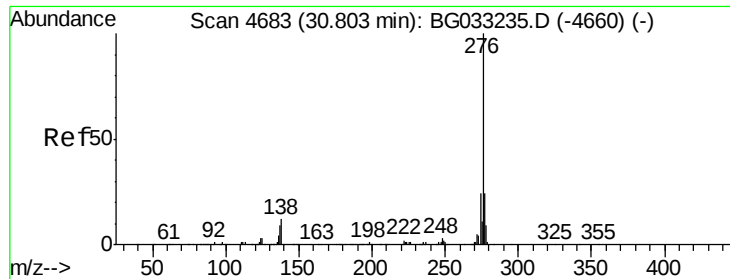
Acq: 29 Mar 2018 1:14

Tgt Ion:	149	Resp:	889255
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	9.9	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





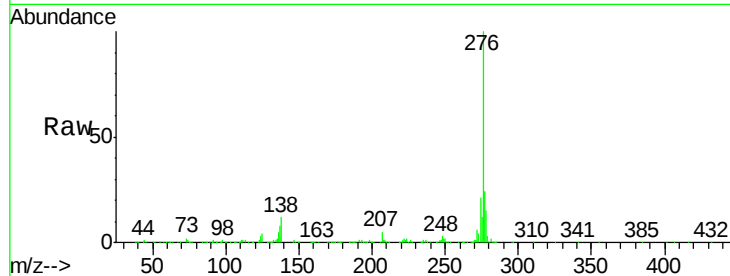
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.078 ng
RT: 30.72 min Scan# 4669
Delta R.T. 0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

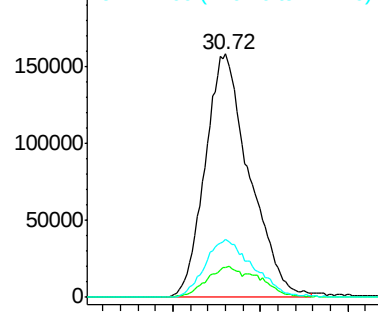
Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	9.2	16.0	24.0	
277	25.6	20.0	30.0	

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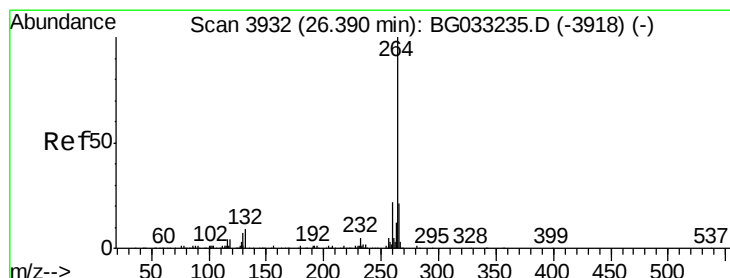
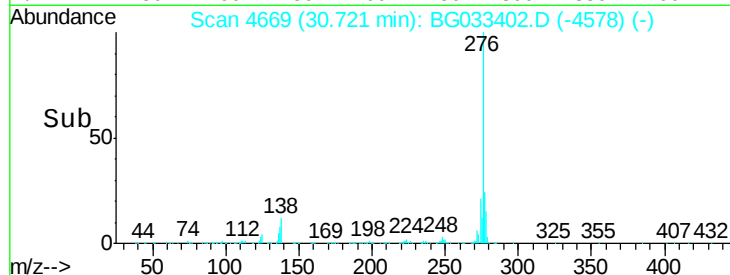
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



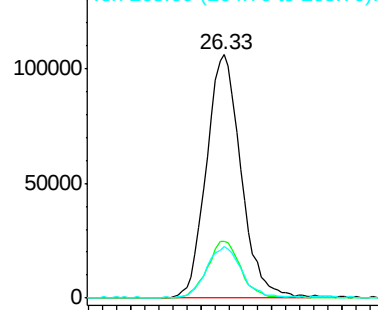
Time-->



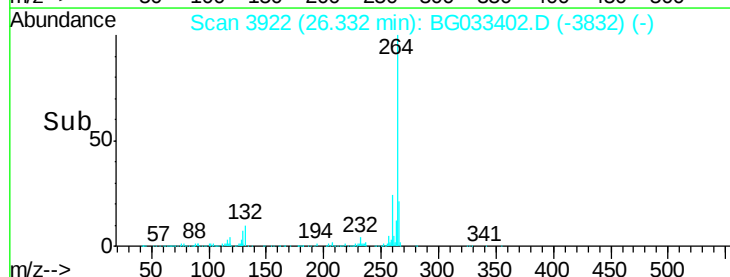
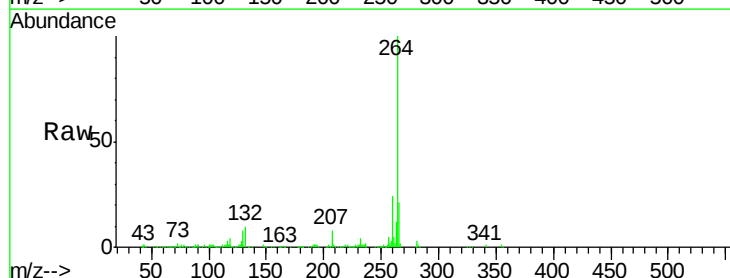
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033402.D
Acq: 29 Mar 2018 1:14

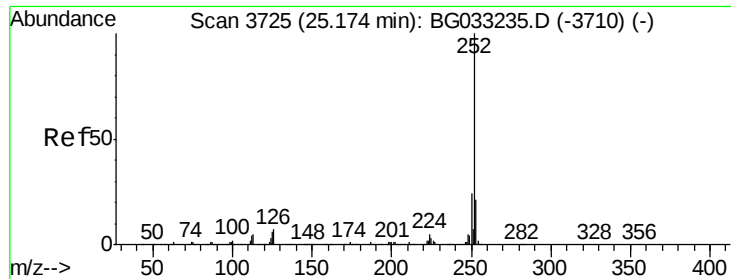
Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.6	17.4	26.0	
265	21.4	17.7	26.5	

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



Time-->





#87

Benzo(b)fluoranthene

Concen: 45.025 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

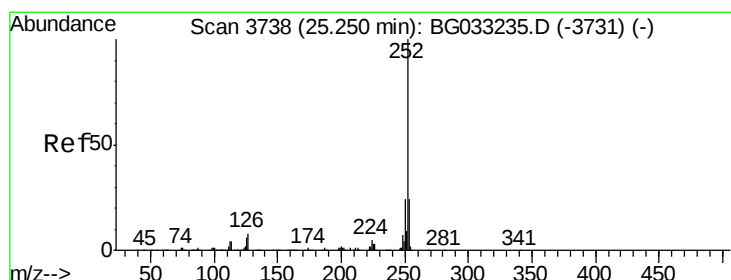
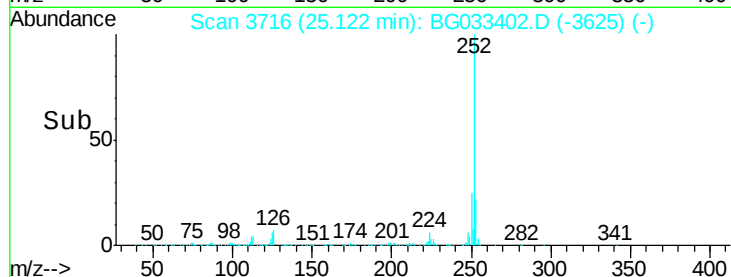
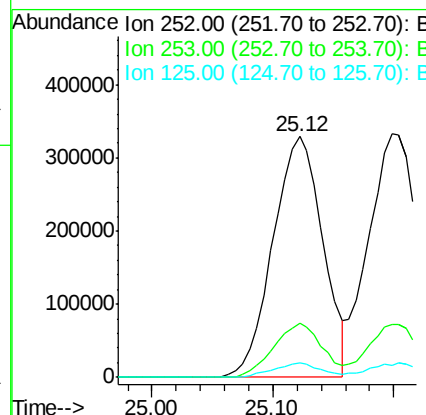
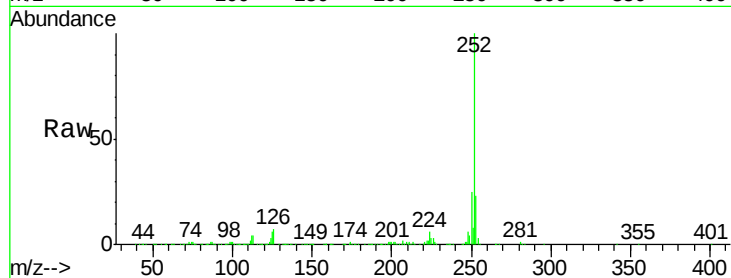
ClientSampleId :

PB107692BSD

Tot Ion:	252	Resp:	941151
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	5.8	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 45.413 ng

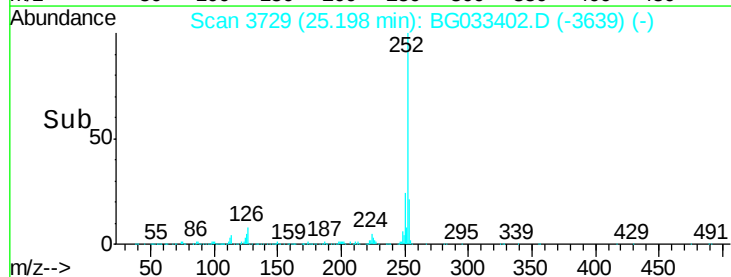
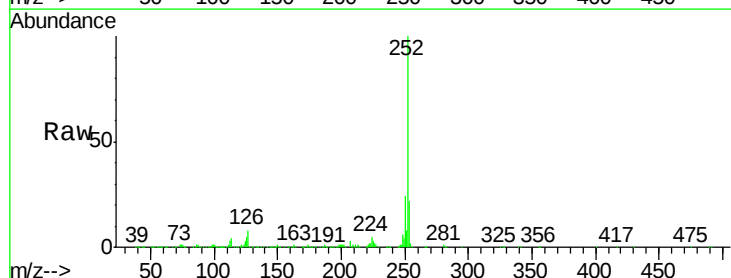
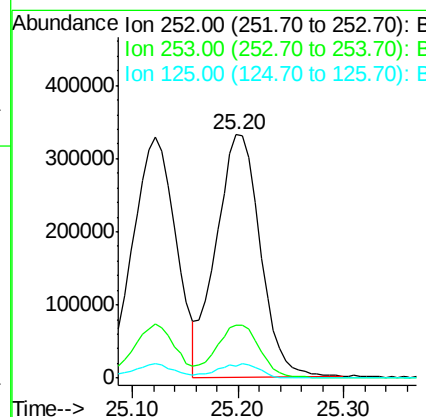
RT: 25.20 min Scan# 3729

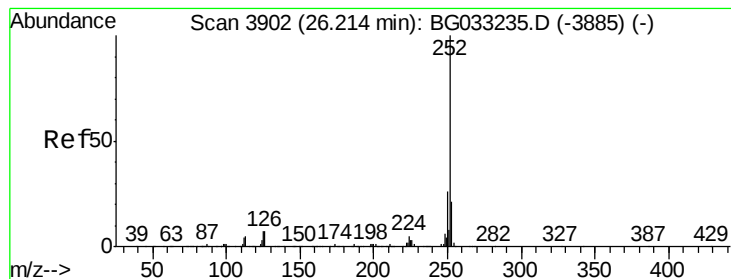
Delta R.T. -0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion:	252	Resp:	960076
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	5.0	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 46.864 ng

RT: 26.16 min Scan# 3892

Delta R.T. 0.00 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Instrument :

BNA_G

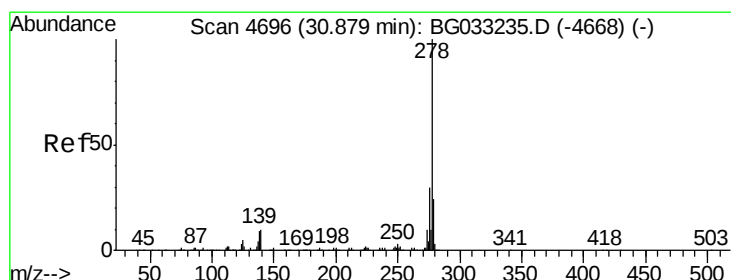
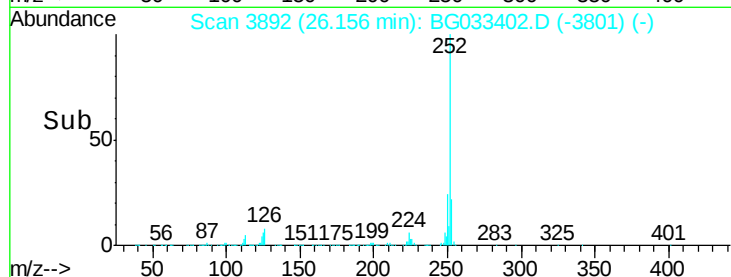
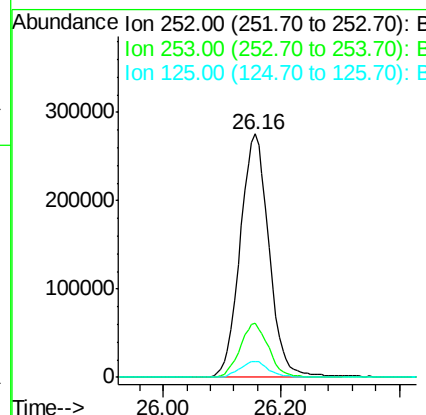
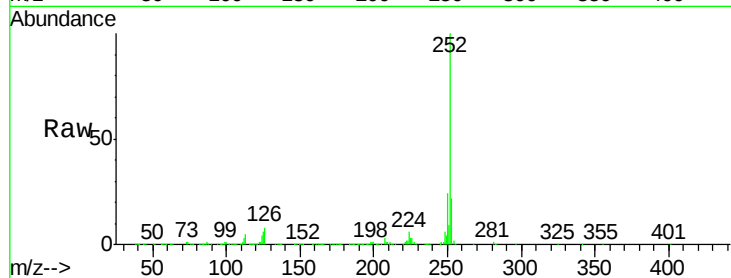
ClientSampleId :

PB107692BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.4	7.3	10.9

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#90

Dibenzo(a,h)anthracene

Concen: 48.229 ng

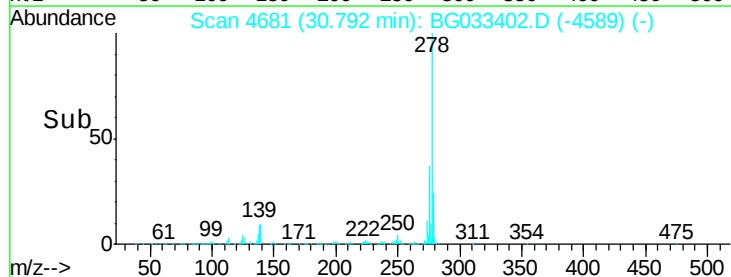
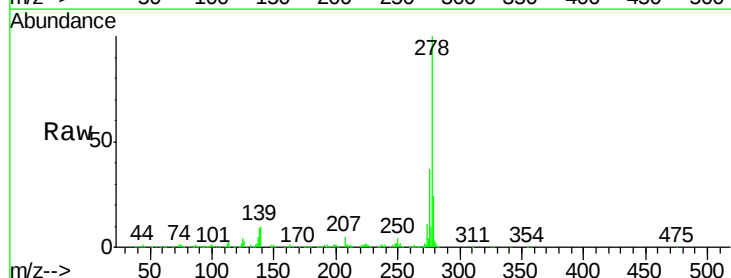
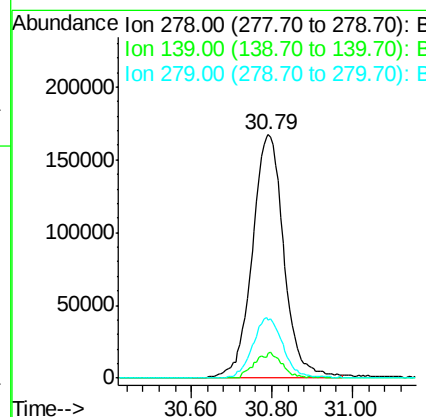
RT: 30.79 min Scan# 4681

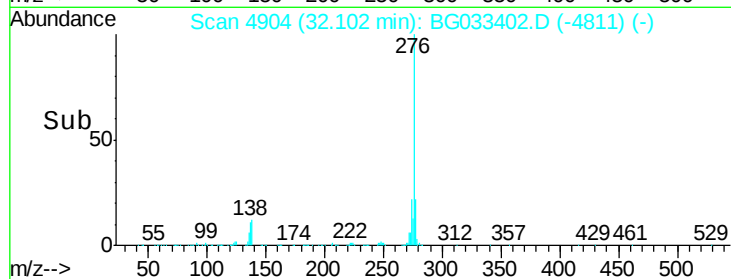
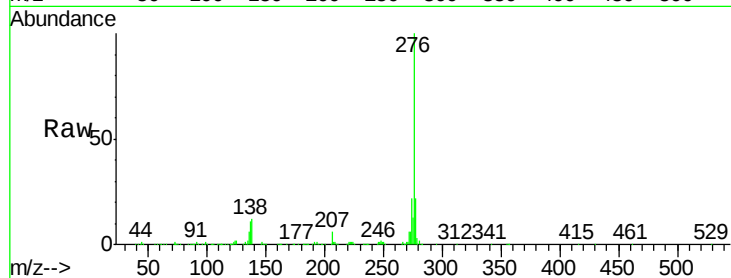
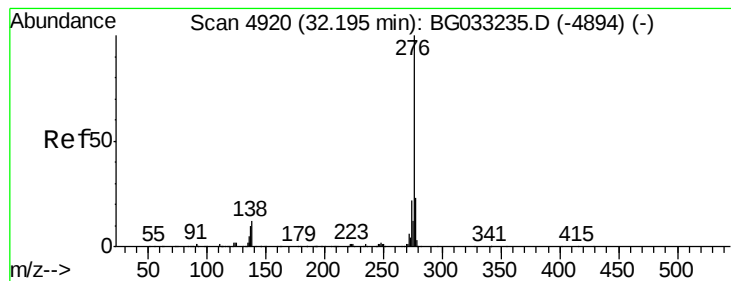
Delta R.T. 0.01 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.8	14.6
279	23.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 48.233 ng

RT: 32.10 min Scan# 4904

Delta R.T. 0.02 min

Lab File: BG033402.D

Acq: 29 Mar 2018 1:14

Tot Ion:	276	Resp:	903129
Ion Ratio	Lower	Upper	
276	100		
277	22.2	18.3	27.5
138	12.4	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB107692BSD

Manual Integrations
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