

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033704.D
 Acq On : 10 Apr 2018 7:03
 Operator : SJ/JU
 Sample : PB108088BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Manual Integrations
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Sohil
 4/10/2018 3:36:56 PM

Quant Time: Apr 10 08:35:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39869	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	164339	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	119604	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	307318	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319440	20.00	ng	0.00
86) Perylene-d12	26.31	264	342880	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	379973	178.71	ng	0.00
7) Phenol-d6	7.97	99	562125	153.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	358654	100.27	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252001	140.88	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	816400	98.54	ng	0.00
78) Terphenyl-d14	20.73	244	1484616	99.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	50262	46.549	ng	# 85
3) Pyridine	4.38	79	131681	44.116	ng	95
4) n-Nitrosodimethylamine	4.29	42	66932	54.641	ng	# 77
6) Aniline	8.16	93	41570	9.676	ng	96
8) 2-Chlorophenol	8.41	128	126565	52.069	ng	91
9) Benzaldehyde	7.97	77	36745m	15.827	ng	
10) Phenol	8.00	94	191303	53.038	ng	91
11) bis(2-Chloroethyl)ether	8.24	93	117175	39.800	ng	98
12) 1,3-Dichlorobenzene	8.74	146	137588	43.295	ng	# 93
13) 1,4-Dichlorobenzene	8.89	146	129379	40.652	ng	99
14) 1,2-Dichlorobenzene	9.22	146	137901	44.395	ng	96
15) Benzyl Alcohol	9.09	79	138618	48.193	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	223932	46.658	ng	88
17) 2-Methylphenol	9.30	107	114744	46.698	ng	# 88
18) Hexachloroethane	9.97	117	54587	44.439	ng	97
19) n-Nitroso-di-n-propylamine	9.66	70	119444	44.619	ng	97
20) 3+4-Methylphenols	9.63	107	161971	46.298	ng	92
22) Acetophenone	9.70	105	207216	46.024	ng	# 98
24) Nitrobenzene	10.10	77	179762	46.952	ng	92
25) Isophorone	10.61	82	337058	48.551	ng	99
26) 2-Nitrophenol	10.83	139	71440	49.286	ng	# 90
27) 2,4-Dimethylphenol	10.86	122	125212	59.464	ng	84
28) bis(2-Chloroethoxy)methane	11.10	93	173303	50.032	ng	94
29) 2,4-Dichlorophenol	11.37	162	139238	53.768	ng	99
30) 1,2,4-Trichlorobenzene	11.59	180	144108	42.832	ng	93
31) Naphthalene	11.79	128	405292	47.591	ng	97
32) Benzoic acid	10.99	122	37652	19.235	ng	# 85
33) 4-Chloroaniline	11.90	127	28560	7.485	ng	# 90
34) Hexachlorobutadiene	12.05	225	106502	41.859	ng	93
35) Caprolactam	12.64	113	50859	50.132	ng	97
36) 4-Chloro-3-methylphenol	12.96	107	164141	48.598	ng	93
37) 2-Methylnaphthalene	13.34	142	298635	45.180	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	192478	44.428	ng	98
40) Hexachlorocyclopentadiene	13.67	237	218056	85.857	ng	94

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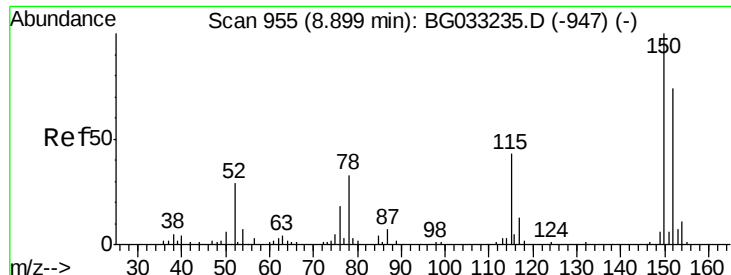
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	124169	49.330	nq	95
43) 2,4,5-Trichlorophenol	14.00	196	139449	46.870	nq	97
45) 1,1'-Biphenyl	14.32	154	422376	45.966	nq	95
46) 2-Chloronaphthalene	14.38	162	320288	45.206	nq	97
47) 2-Nitroaniline	14.56	65	132788	50.038	nq	90
48) Acenaphthylene	15.21	152	527252	44.583	nq	98
49) Dimethylphthalate	14.90	163	466587	44.826	nq	99
50) 2,6-Dinitrotoluene	15.03	165	101640	47.756	nq	89
51) Acenaphthene	15.54	154	347341	45.560	nq	96
52) 3-Nitroaniline	15.38	138	31701	14.207	nq	# 97
53) 2,4-Dinitrophenol	15.57	184	47674	46.765	nq	# 84
54) Dibenzofuran	15.87	168	525225	46.640	nq	93
55) 4-Nitrophenol	15.66	139	156822	99.950	nq	# 82
56) 2,4-Dinitrotoluene	15.81	165	150267	47.952	nq	95
57) Fluorene	16.51	166	435139	45.356	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	137977	49.261	nq	98
59) Diethylphthalate	16.24	149	460584	45.570	nq	97
60) 4-Chlorophenyl-phenylether	16.48	204	241297	43.753	nq	97
61) 4-Nitroaniline	16.53	138	88916	39.351	nq	86
62) Azobenzene	16.78	77	469289	47.932	nq	99
64) 4,6-Dinitro-2-methylphenol	16.57	198	60711	33.023	nq	94
65) n-Nitrosodiphenylamine	16.70	169	405019	46.164	nq	95
66) 4-Bromophenyl-phenylether	17.38	248	161007	44.611	nq	# 93
67) Hexachlorobenzene	17.51	284	164578	43.208	nq	95
68) Atrazine	17.62	200	172157	48.424	nq	97
69) Pentachlorophenol	17.85	266	182003	69.618	nq	97
70) Phenanthrene	18.25	178	730056	45.614	nq	99
71) Anthracene	18.34	178	772233	47.652	nq	100
72) Carbazole	18.60	167	671409	46.754	nq	98
73) Di-n-butylphthalate	19.09	149	814270	48.715	nq	# 98
74) Fluoranthene	20.20	202	934004	47.157	nq	97
76) Benzidine	20.36	184	225640	26.047	nq	99
77) Pyrene	20.56	202	941003	44.169	nq	99
79) Butylbenzylphthalate	21.41	149	377197	47.978	nq	94
80) Benzo(a)anthracene	22.53	228	928274	45.637	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	103766	14.336	nq	# 94
82) Chrysene	22.61	228	893972	45.403	nq	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	527716	48.693	nq	98
84) Di-n-octyl phthalate	23.73	149	909466	54.807	nq	100
85) Indeno(1,2,3-cd)pyrene	30.67	276	1056617	49.634	nq	# 87
87) Benzo(b)fluoranthene	25.10	252	909333	45.903	nq	# 98
88) Benzo(k)fluoranthene	25.18	252	939044m	46.869	nq	
89) Benzo(a)pyrene	26.13	252	912447	47.963	nq	97
90) Dibenzo(a,h)anthracene	30.76	278	880128	49.115	nq	# 96
91) Benzo(g,h,i)perylene	32.06	276	874085	49.258	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

ClientSampled :

PB108088BS

Tot Ion:152 Resp: 39869

Ion Ratio Lower Upper

152 100

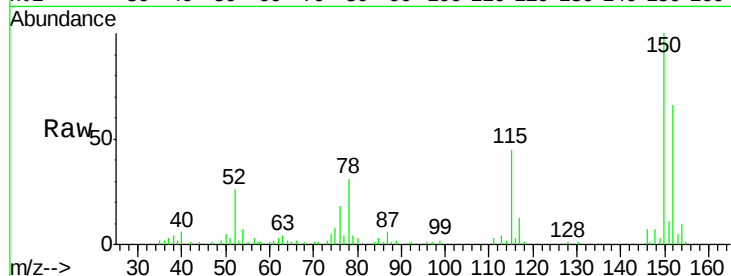
150 152.3 126.6 189.8

115 68.4 53.0 79.4

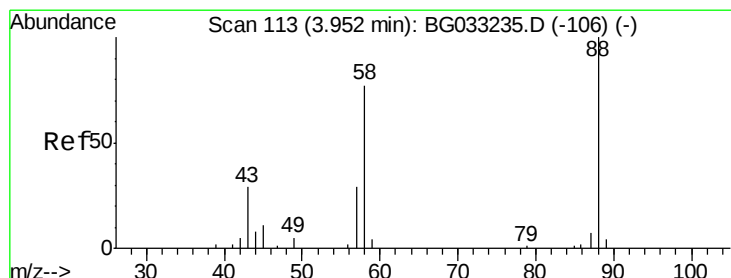
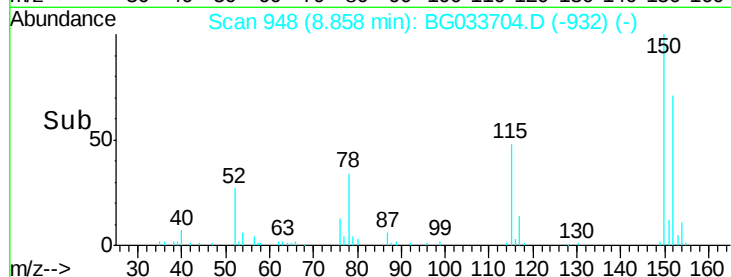
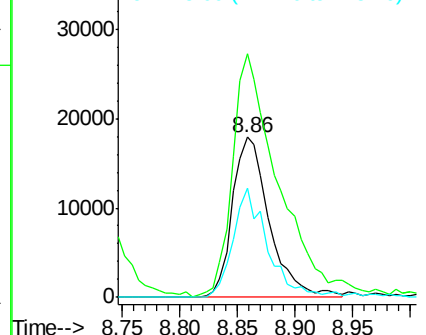
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.549 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

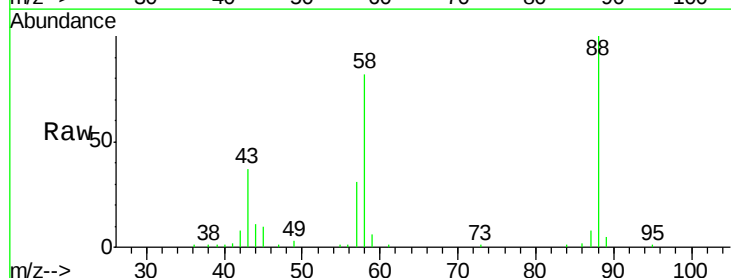
Tgt Ion: 88 Resp: 50262

Ion Ratio Lower Upper

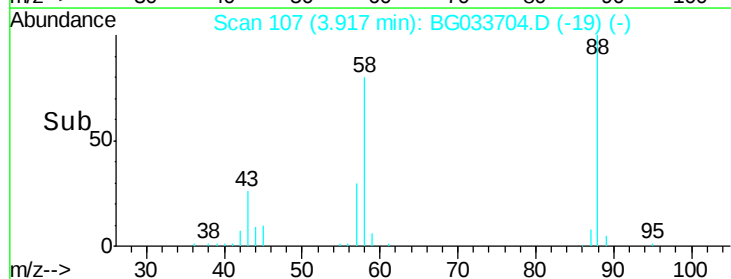
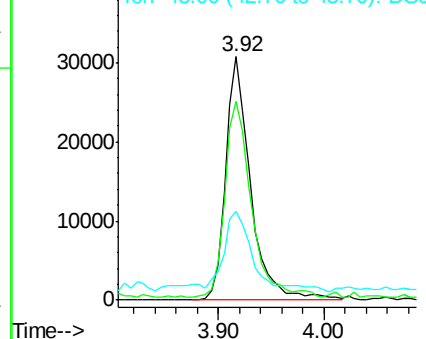
88 100

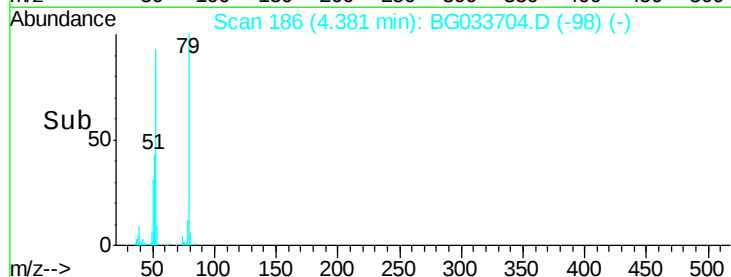
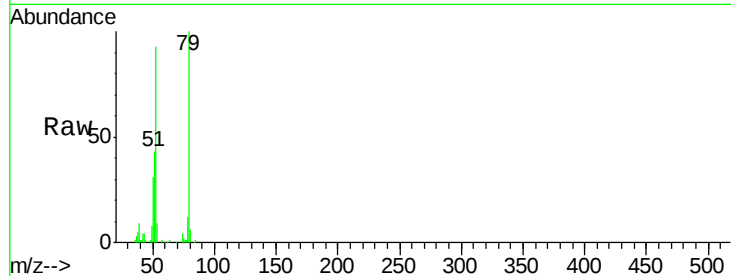
58 84.0 79.6 119.4

43 42.9 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





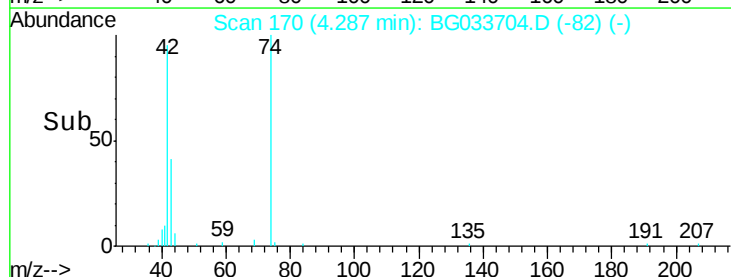
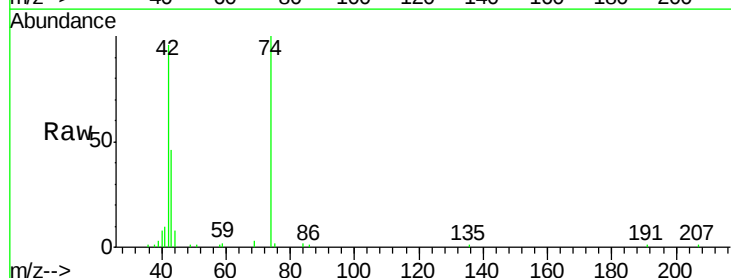
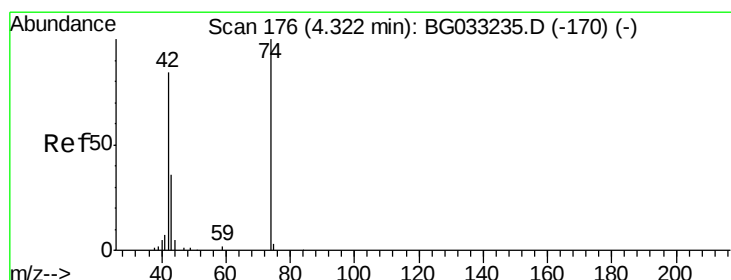
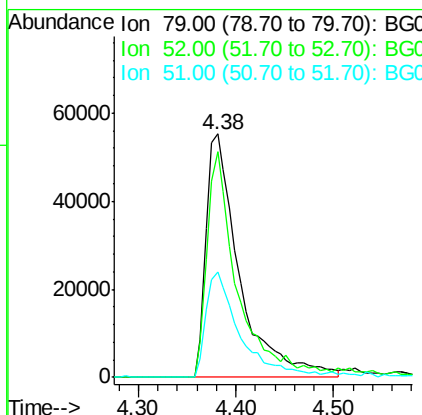
#3
 Pvridine
 Concen: 44.116 ng
 RT: 4.38 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tot Ion:	79	Resp:	131681
Ion Ratio	Lower	Upper	
79	100		
52	92.9	69.9	104.9
51	43.5	34.0	51.0

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 PB108088BS

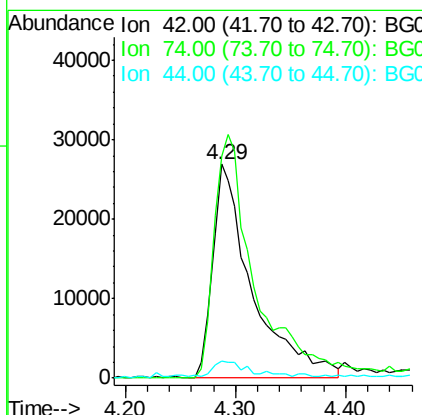
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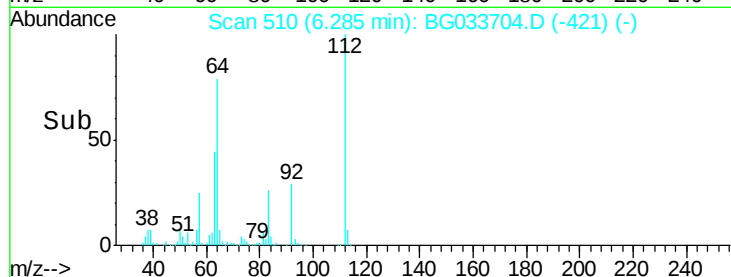
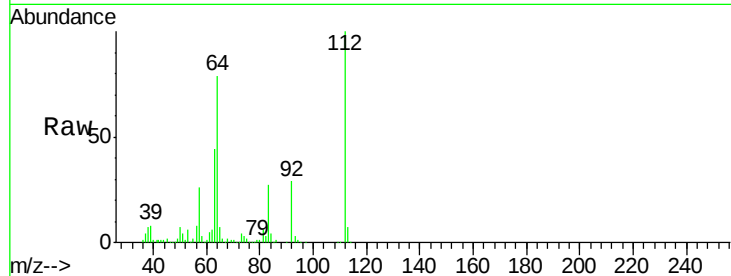
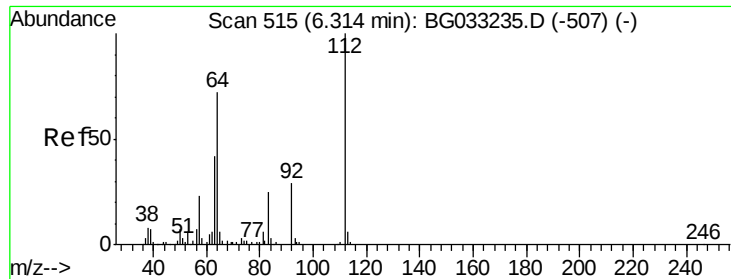
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#4
 n-Nitrosodimethylamine
 Concen: 54.641 ng
 RT: 4.29 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:	42	Resp:	66932
Ion Ratio	Lower	Upper	
42	100		
74	103.8	102.5	153.7
44	7.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 178.709 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tot Ion:	112	Resp:	379973
Ion Ratio	Lower	Upper	
112	100		
64	78.9	56.3	84.5
63	43.5	30.1	45.1

Instrument :

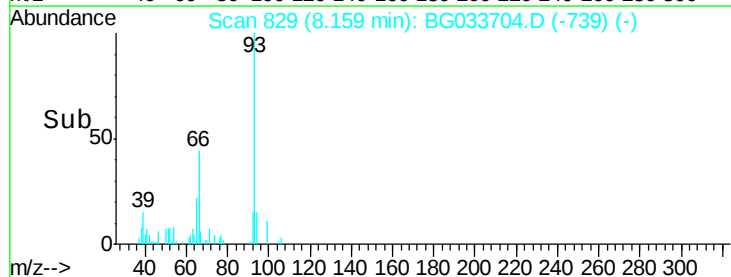
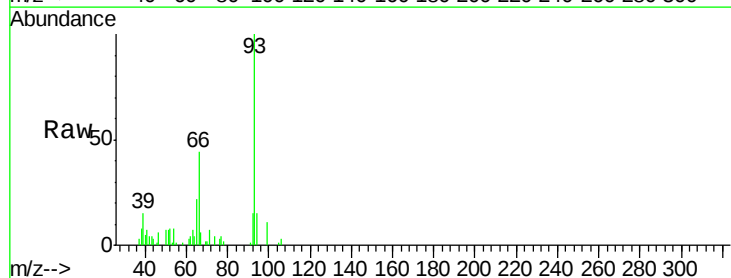
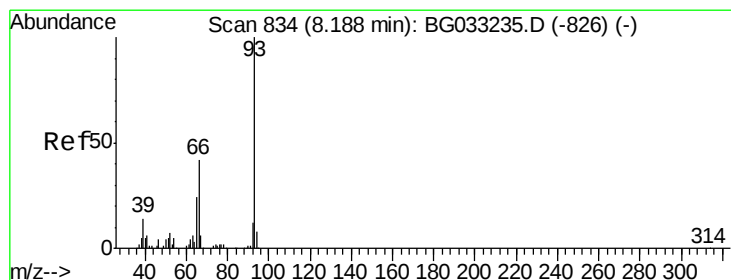
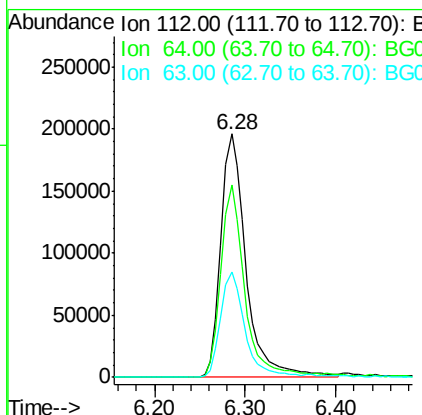
BNA_G

ClientSampled :

PB108088BS

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#6

Aniline

Concen: 9.676 ng

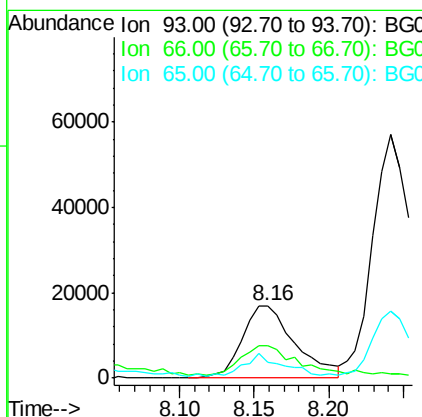
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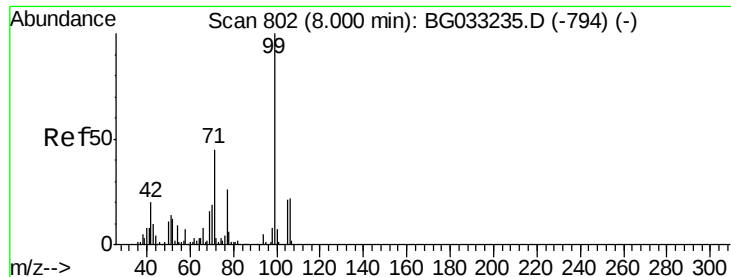
Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	93	Resp:	41570
Ion Ratio	Lower	Upper	
93	100		
66	44.0	33.7	50.5
65	22.4	16.1	24.1





#7

Phenol-d6

Concen: 153.869 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

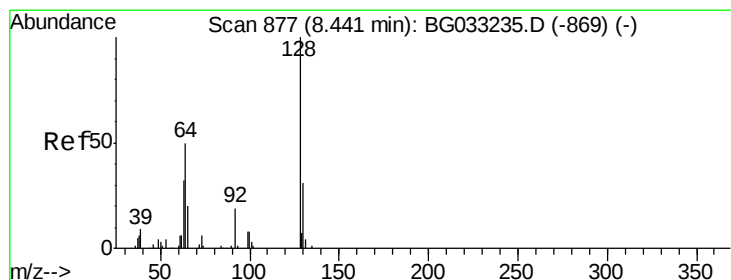
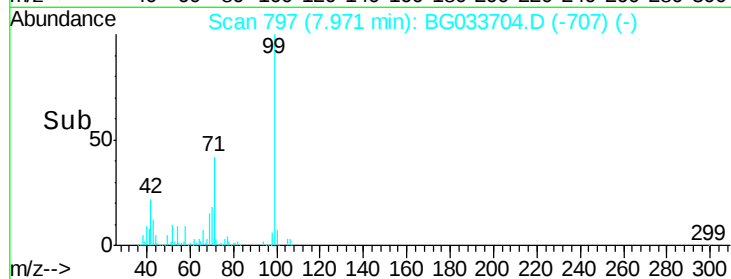
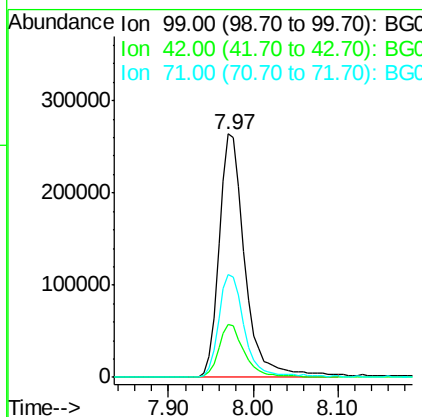
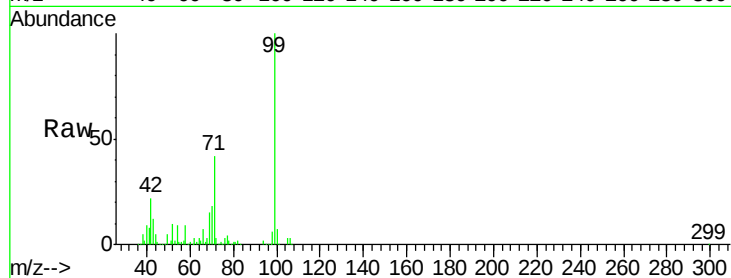
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		562125		
42	22.0	14.1	21.1#		
71	42.4	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 52.069 ng

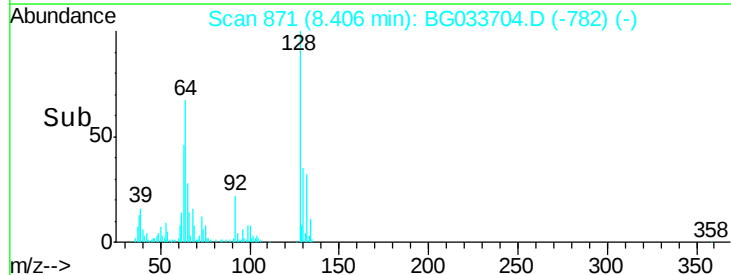
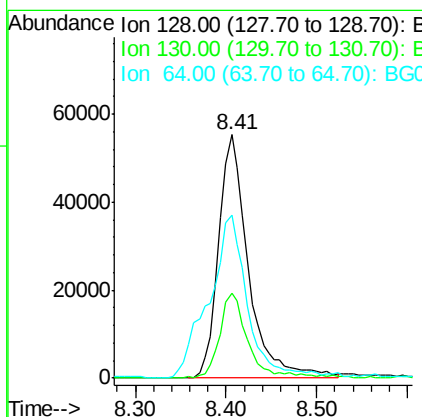
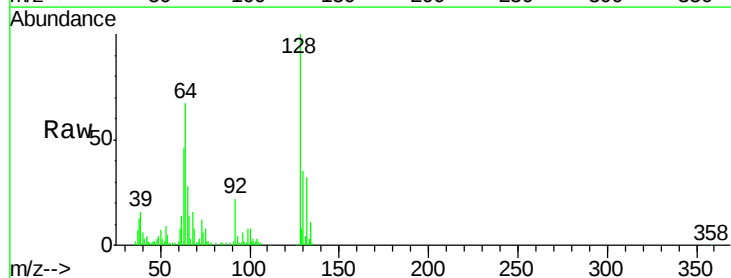
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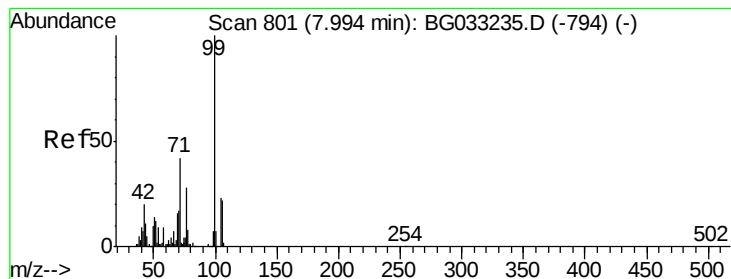
Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		126565		
130	34.9	14.0	54.0		
64	67.0	37.7	77.7		





#9

Benzaldehyde

Concen: 15.827 ng/mL

RT: 7.97 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

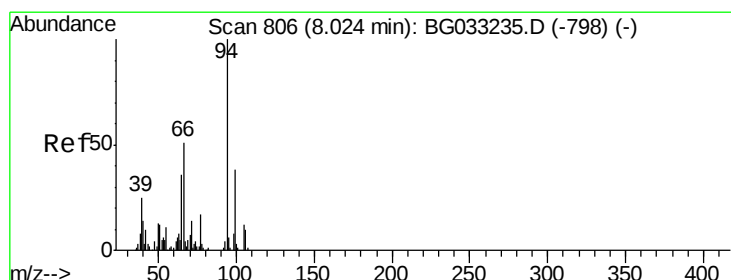
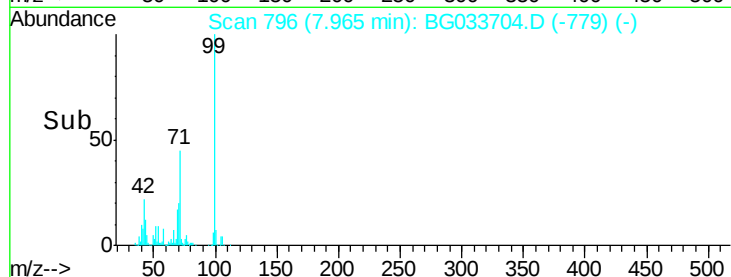
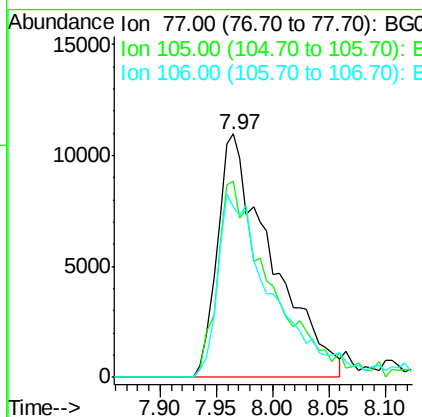
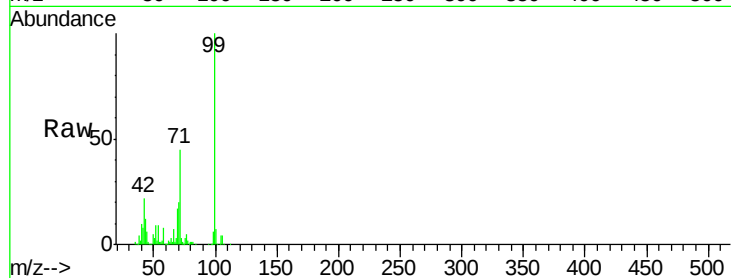
ClientSampleID :

PB108088BS

Tot Ion:	77	Resp:	36745
Ion	Ratio	Lower	Upper
77	100		
105	80.8	71.3	111.3
106	69.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 53.038 ng/mL

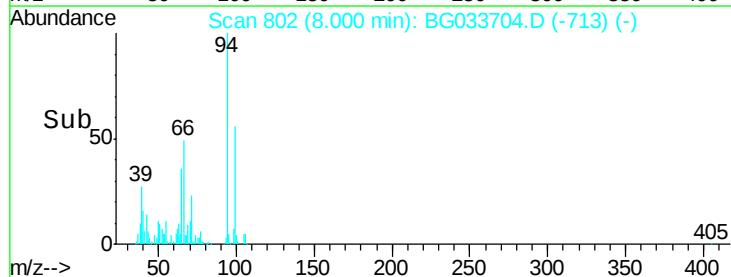
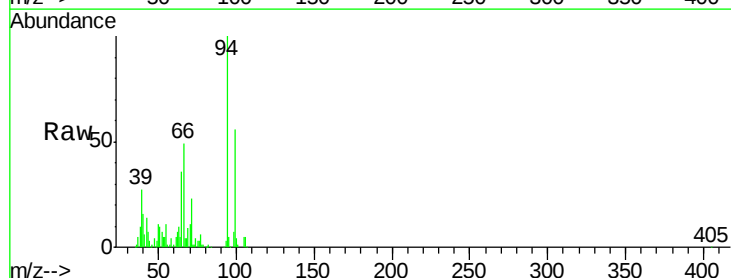
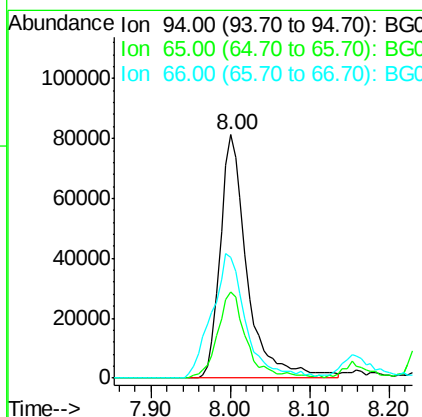
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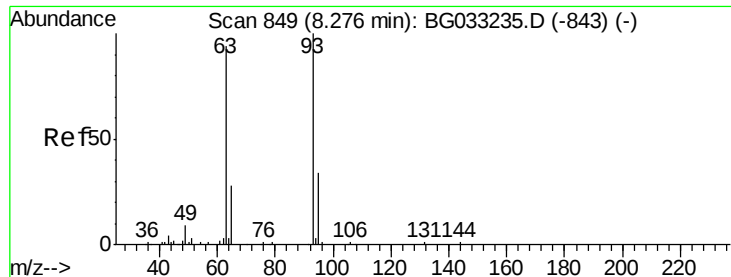
Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	94	Resp:	191303
Ion	Ratio	Lower	Upper
94	100		
65	35.6	11.9	51.9
66	49.4	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 39.800 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

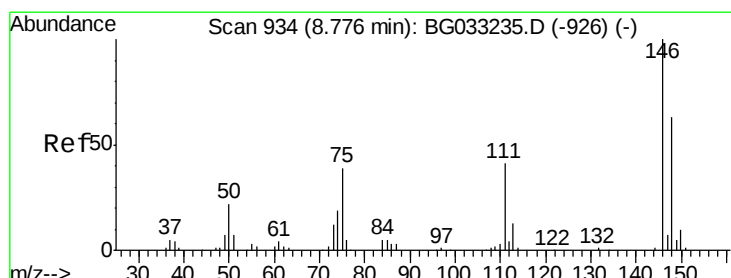
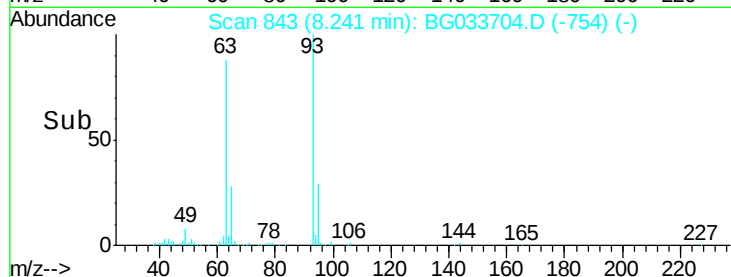
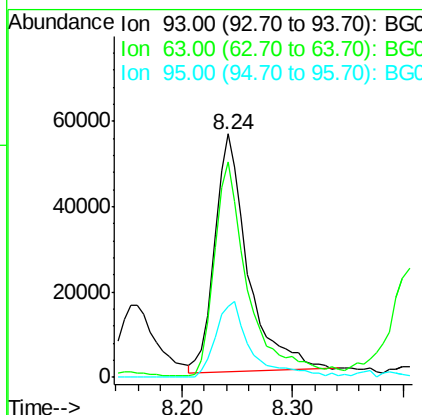
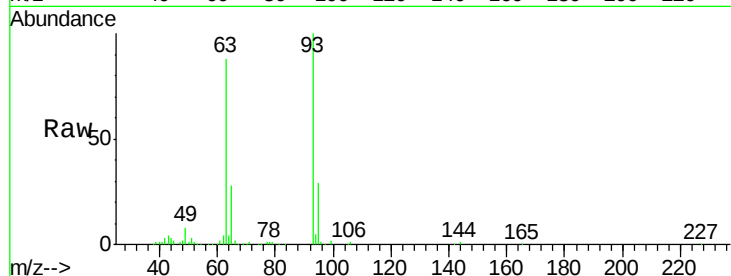
ClientSampleId :

PB108088BS

Tot Ion:	93	Resp:	117175
Ion Ratio	Lower	Upper	
93	100		
63	88.3	67.1	107.1
95	29.1	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 43.295 ng

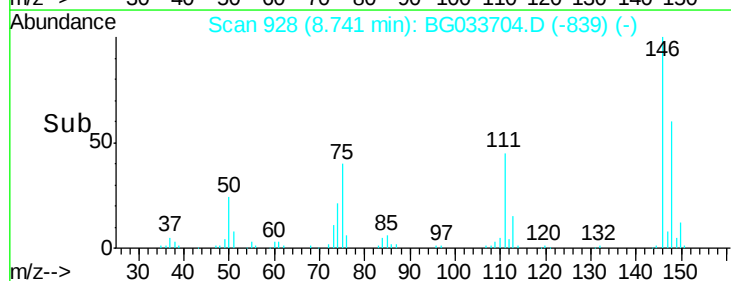
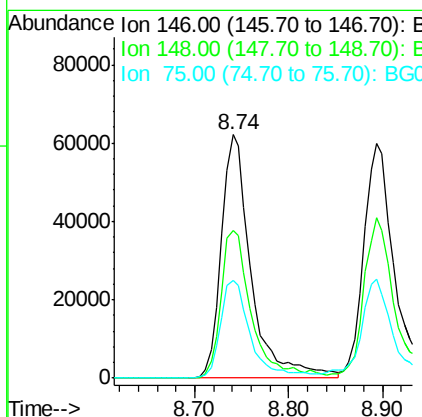
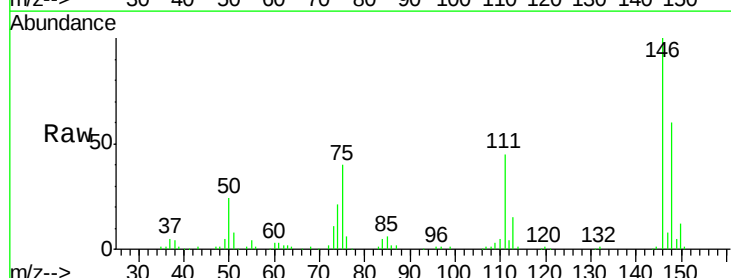
RT: 8.74 min Scan# 928

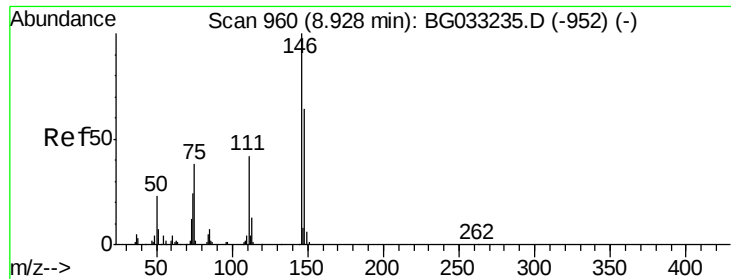
Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	146	Resp:	137588
Ion Ratio	Lower	Upper	
146	100		
148	60.5	51.4	77.2
75	40.3	26.6	39.8#





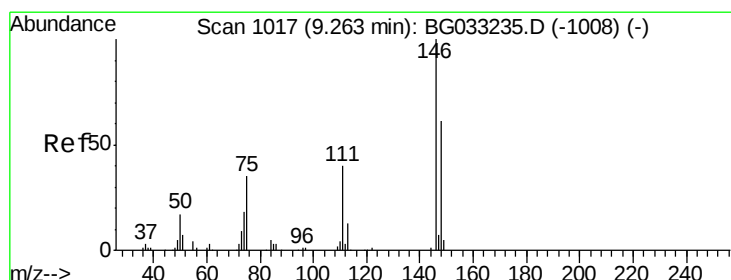
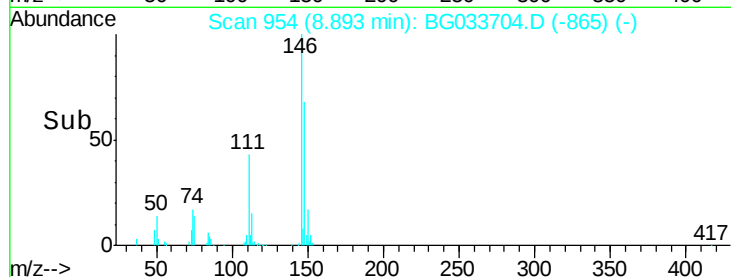
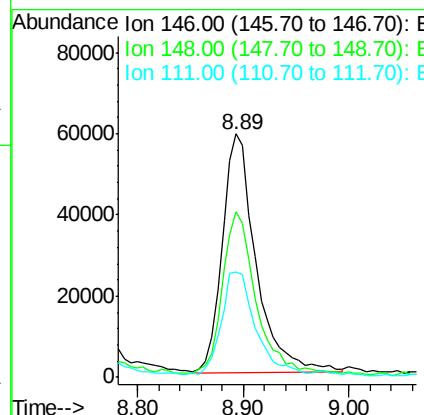
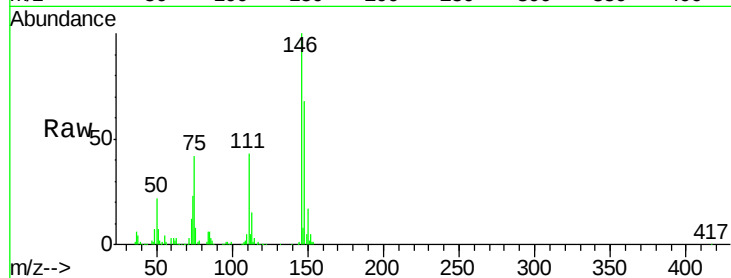
#13
1,4-Dichlorobenzene
Concen: 40.652 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.2	53.7	80.5
111	43.3	35.2	52.8

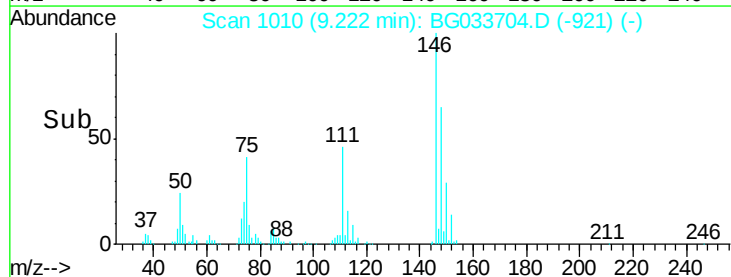
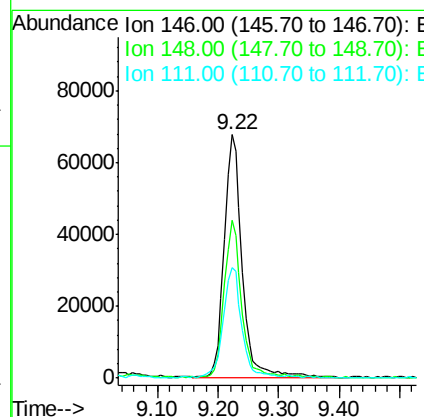
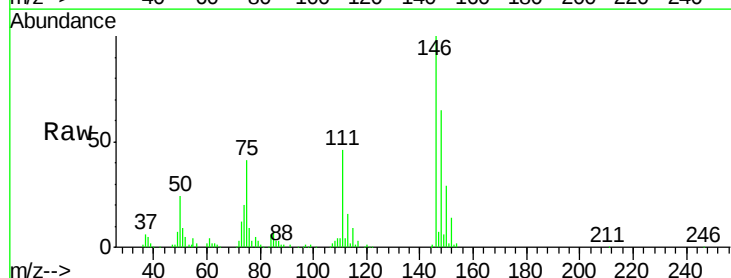
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#14
1,2-Dichlorobenzene
Concen: 44.395 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	45.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 48.193 ng

RT: 9.09 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

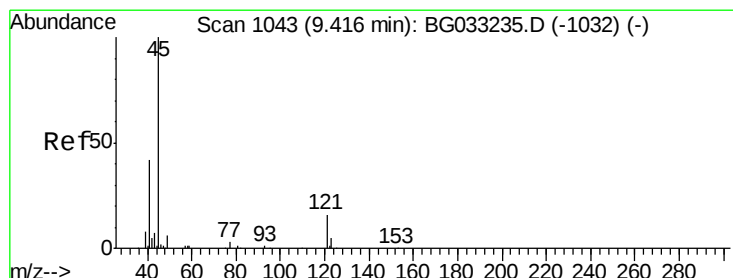
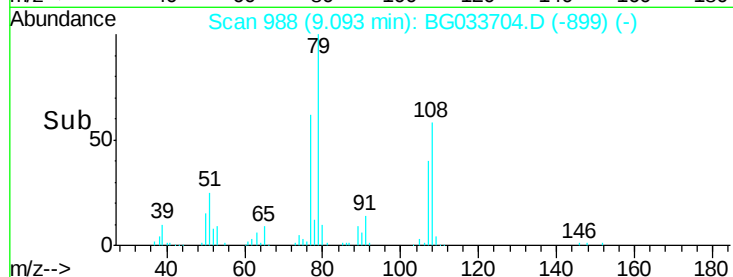
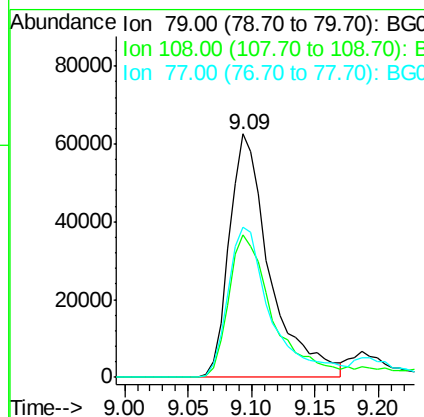
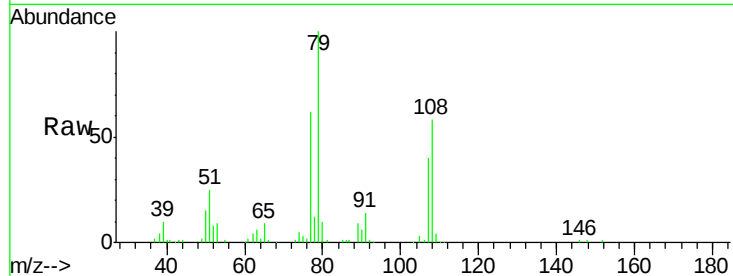
ClientSampled :

PB108088BS

Tot Ion:	79	Resp:	138618
Ion Ratio	Lower	Upper	
79	100		
108	58.4	57.2	85.8
77	61.6	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.658 ng

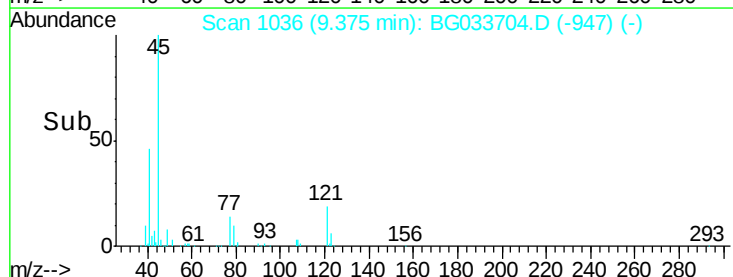
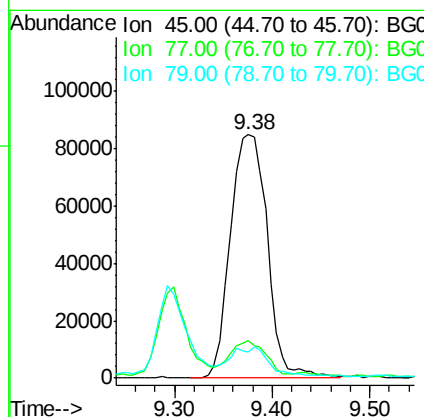
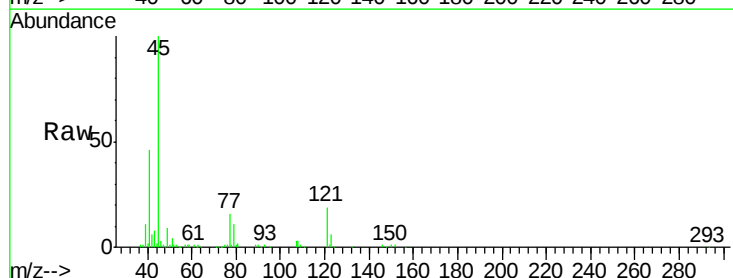
RT: 9.38 min Scan# 1036

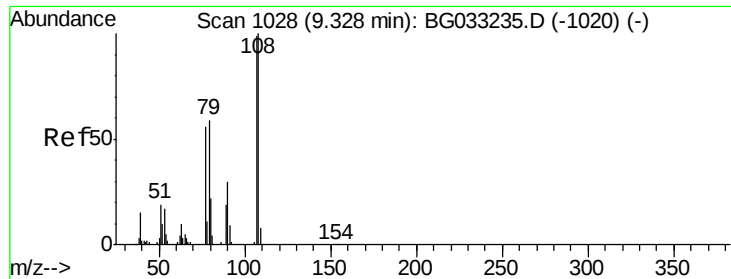
Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	45	Resp:	223932
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	30.2
79	10.9	0.0	27.9





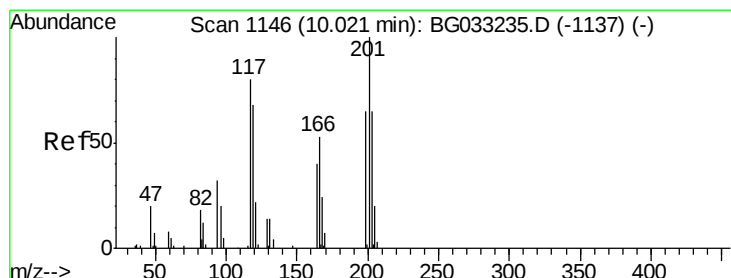
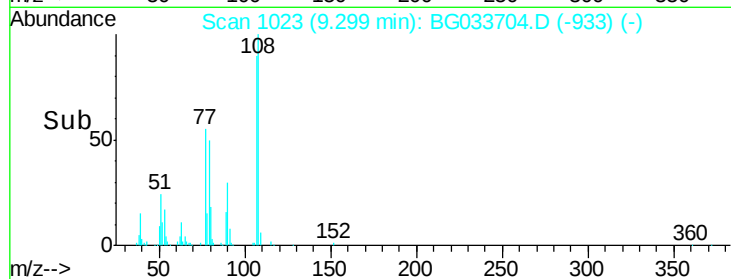
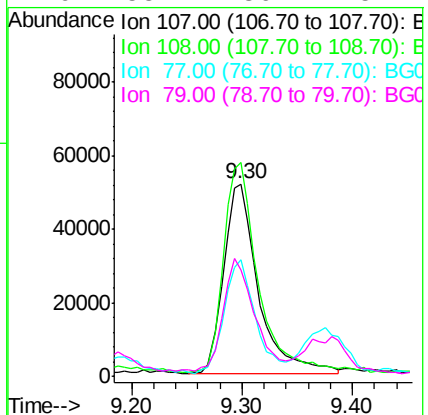
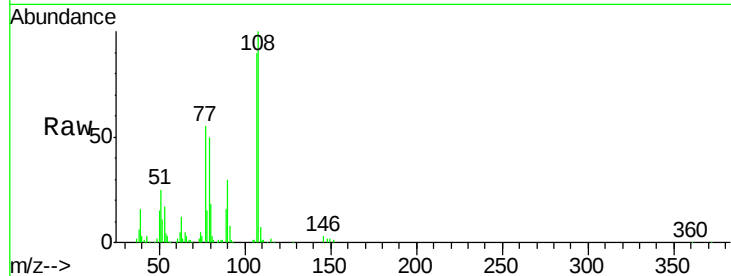
#17
2-Methylphenol
Concen: 46.698 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	83.9	125.9	
77	60.6	37.2	55.8	
79	55.4	36.2	54.2	

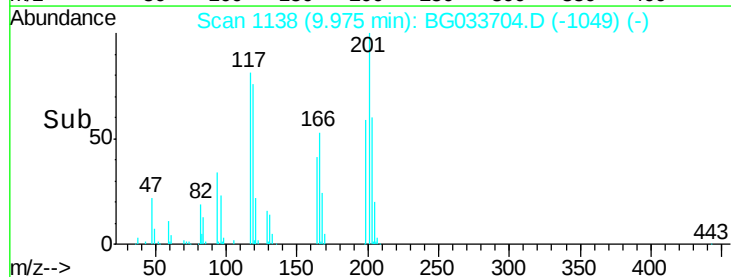
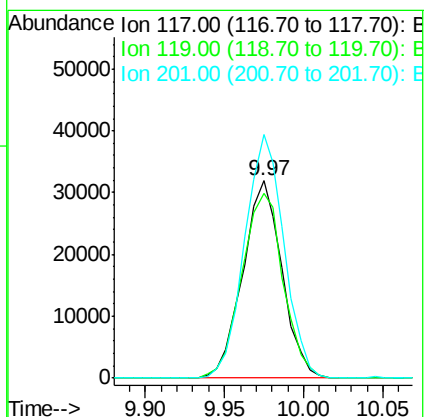
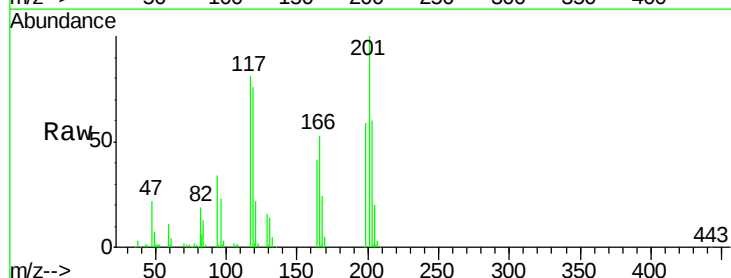
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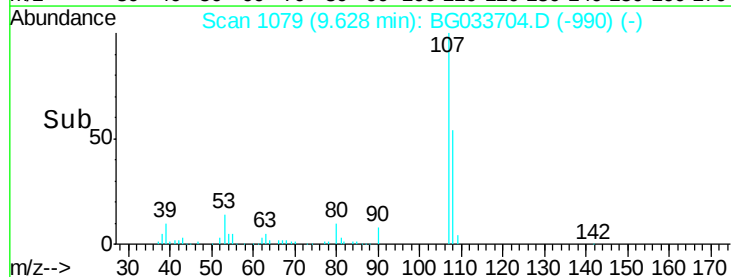
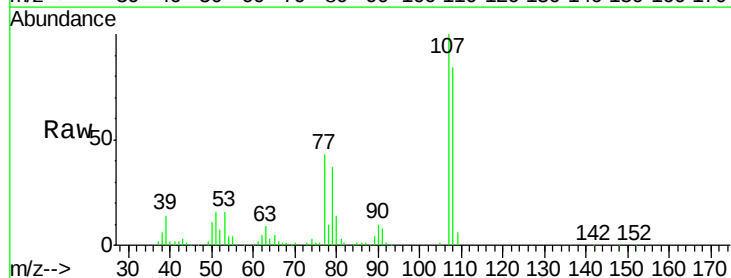
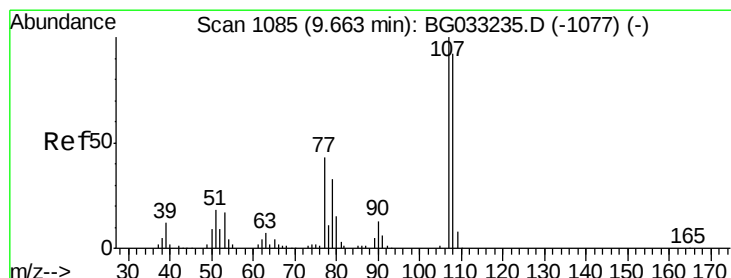
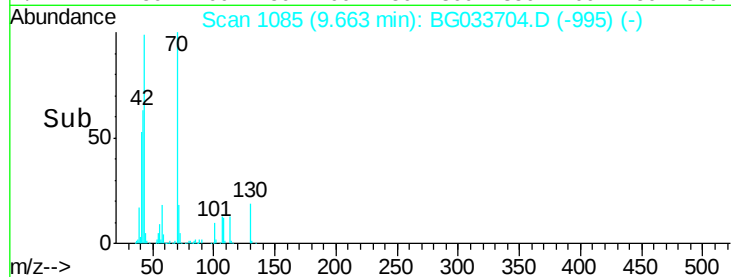
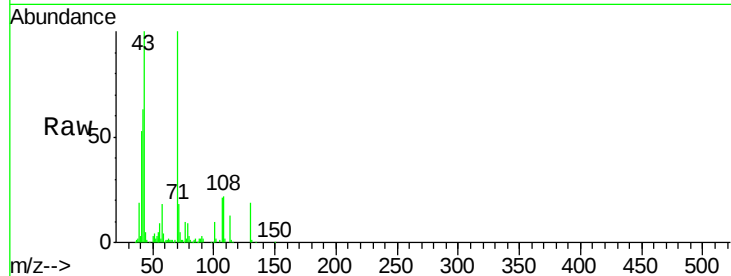
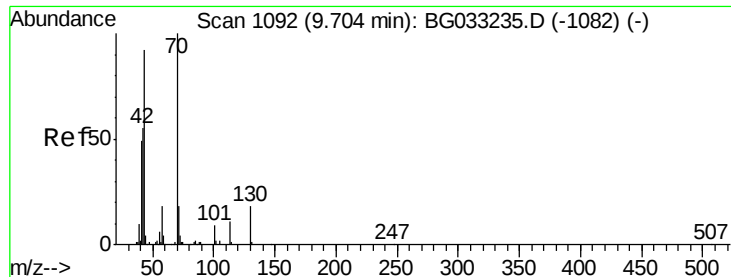
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#18
Hexachloroethane
Concen: 44.439 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

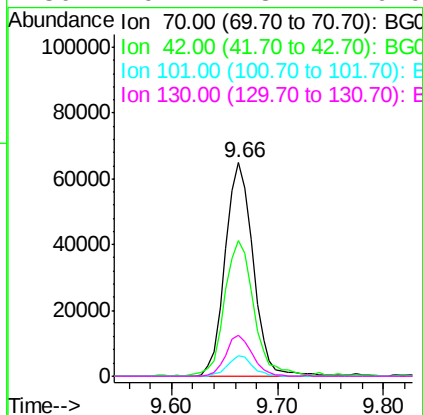
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	76.7	115.1	
201	123.4	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 44.619 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		119444		
42	63.3	49.1	73.7		
101	9.6	8.5	12.7		
130	19.1	13.4	20.0		



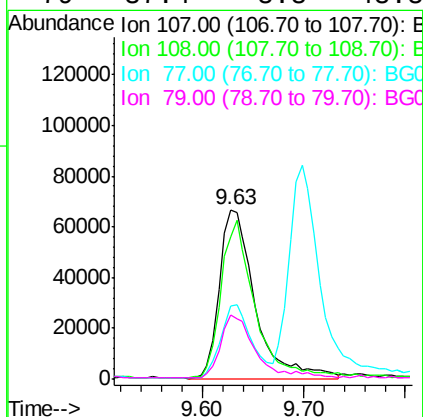
Instrument :
BNA_G
ClientSampleId :
PB108088BS

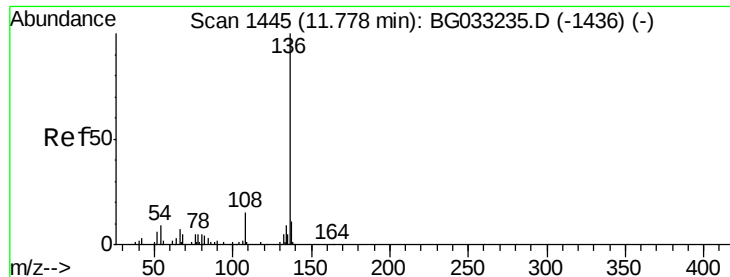
Manual Integrations
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#20
3+4-Methylphenols
Concen: 46.298 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		161971		
108	83.7	61.6	101.6		
77	42.7	13.9	53.9		
79	37.4	8.8	48.8		





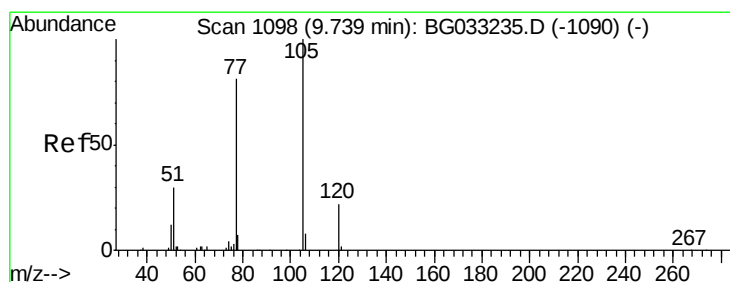
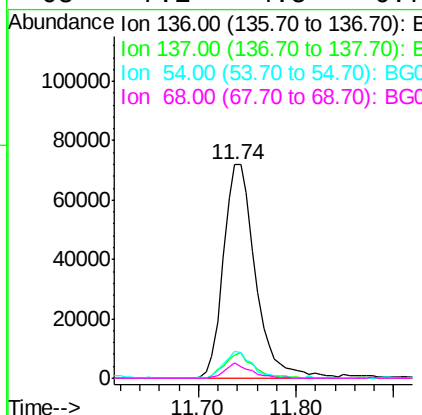
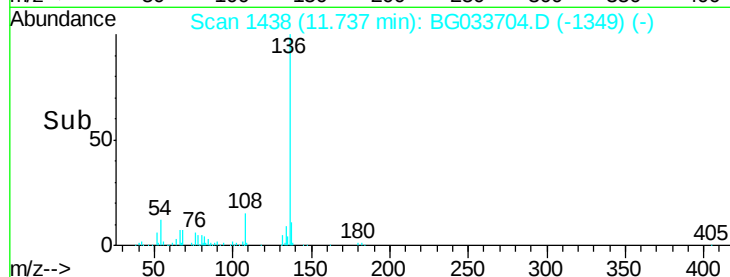
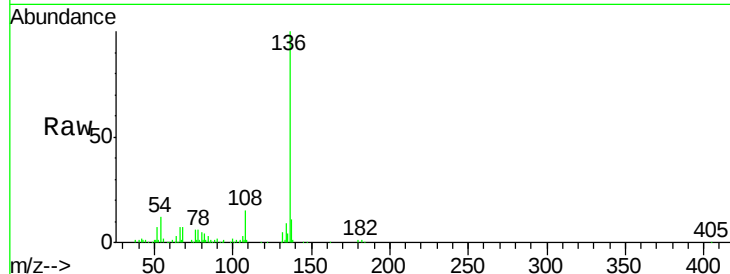
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		164339		
137	10.8	9.2	13.8		
54	12.3	10.3	15.5		
68	7.1	4.5	6.7#		

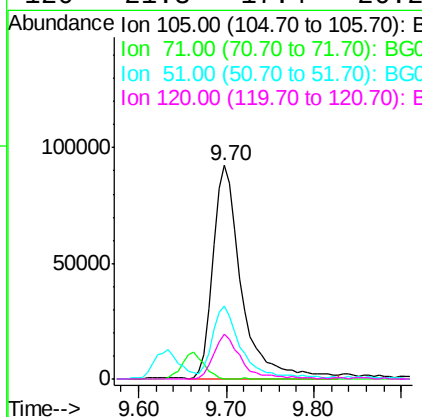
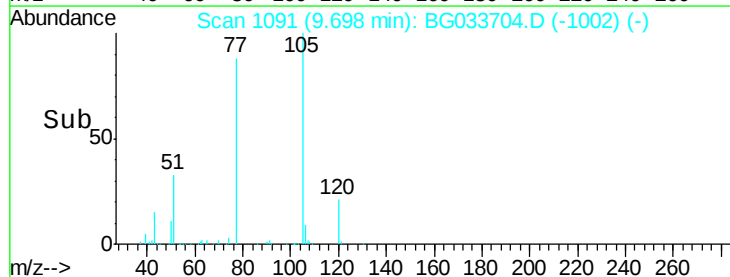
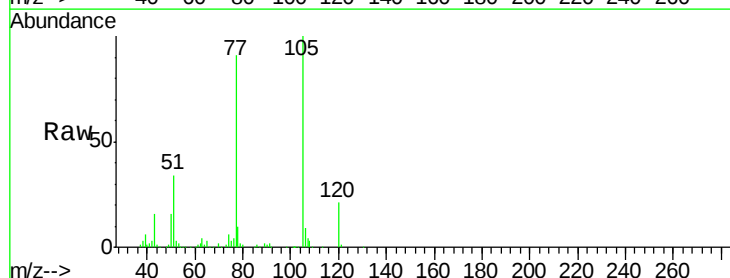
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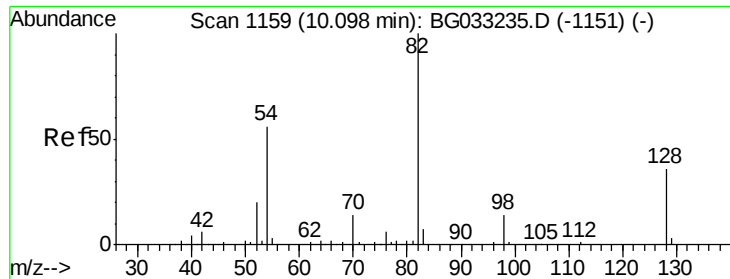
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#22
Acetophenone
Concen: 46.024 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		207216		
71	0.3	3.0	4.4#		
51	33.9	26.1	39.1		
120	21.3	17.4	26.2		





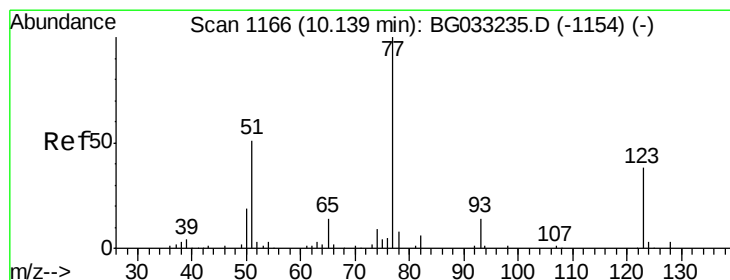
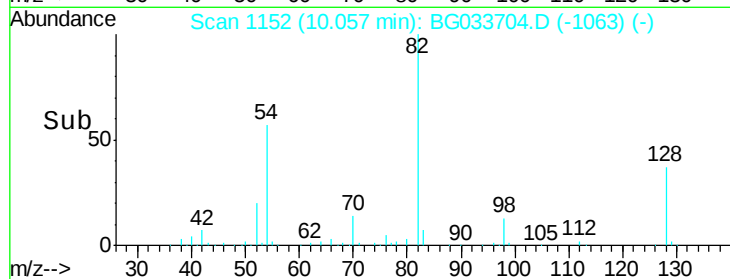
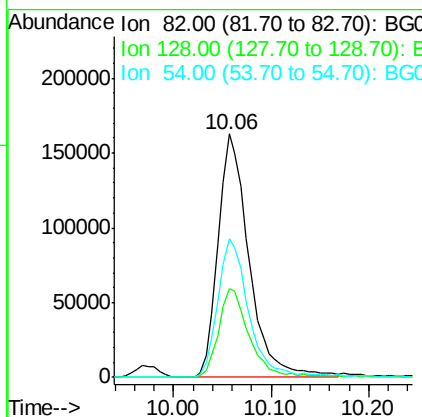
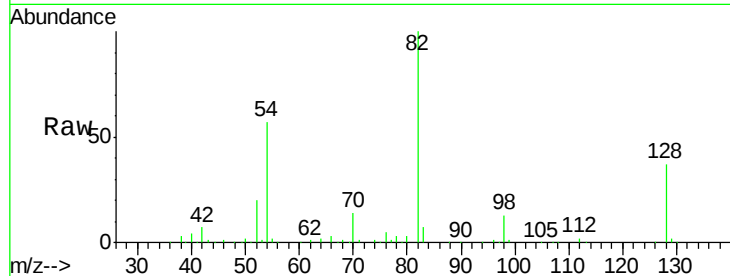
#23
 Nitrobenzene-d5
 Concen: 100.268 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.5	29.7	44.5	
54	57.2	43.1	64.7	

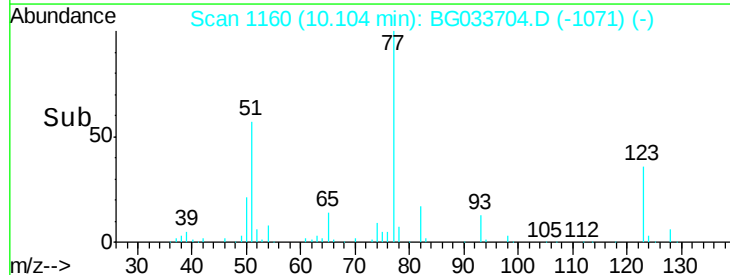
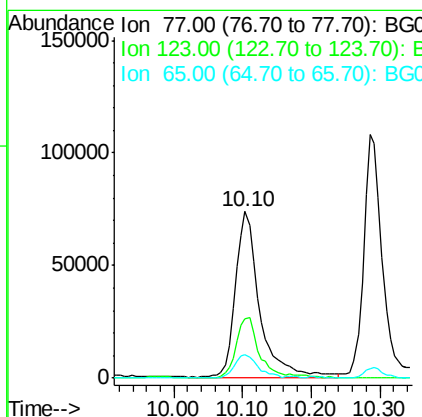
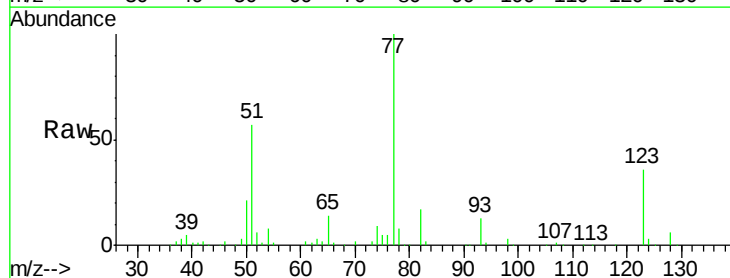
Manual Integrations
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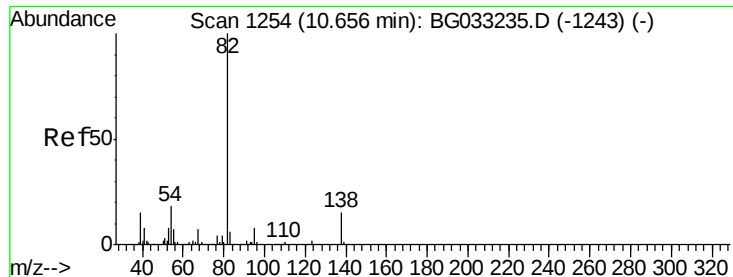
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#24
 Nitrobenzene
 Concen: 46.952 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.7	33.0	49.6	
65	14.4	13.0	19.6	





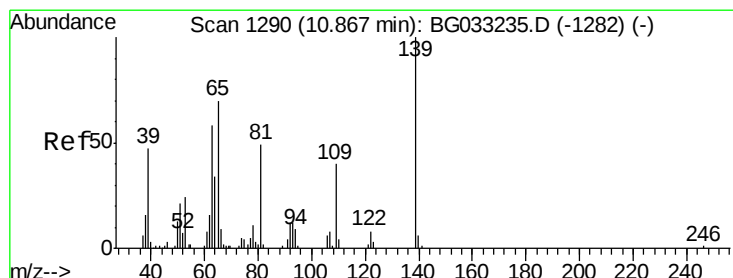
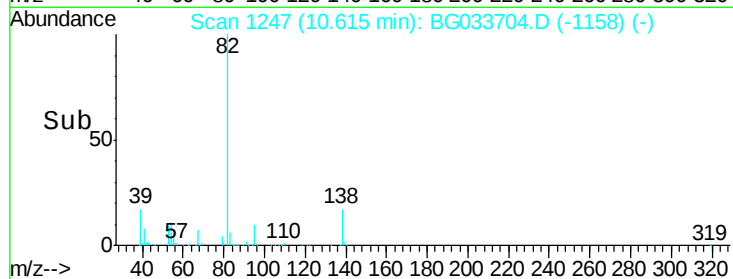
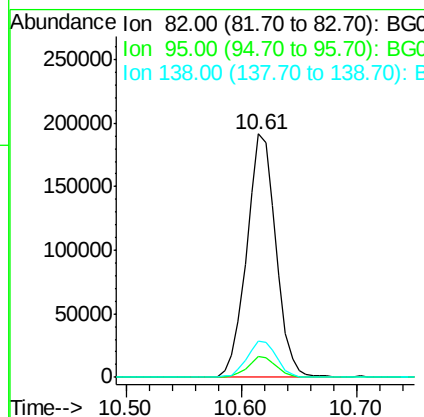
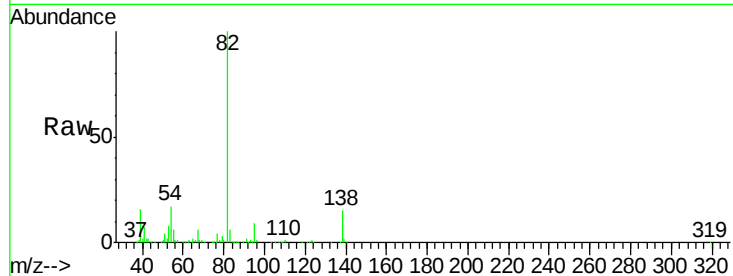
#25
Isophorone
Concen: 48.551 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion:	82	Resp:	337058
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.2	9.2
138	14.8	12.1	18.1

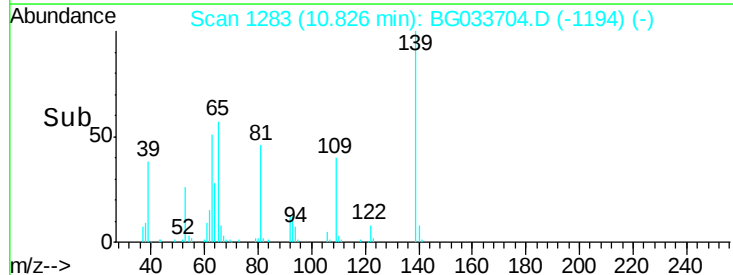
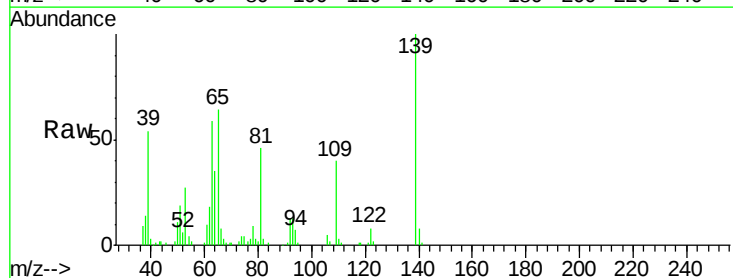
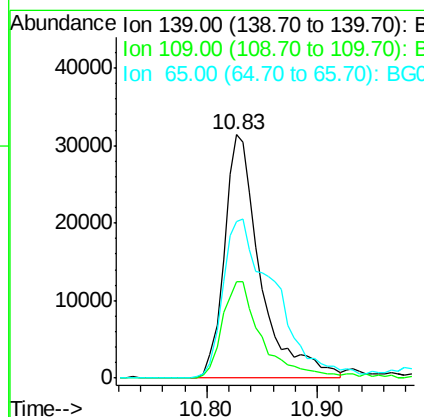
Manual Integrations
APPROVED

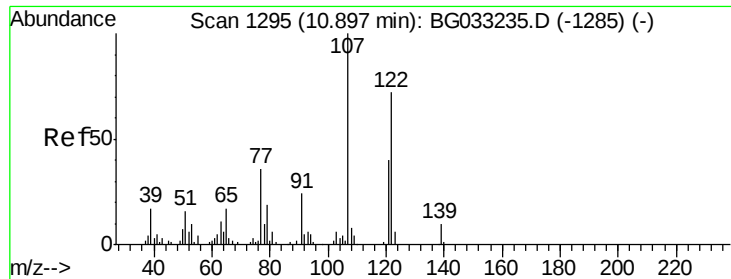
Sohil
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#26
2-Nitrophenol
Concen: 49.286 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion:	139	Resp:	71440
Ion Ratio	Lower	Upper	
139	100		
109	39.7	24.2	36.2#
65	64.2	47.4	71.0





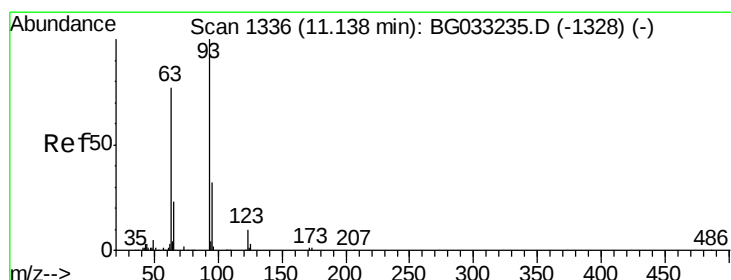
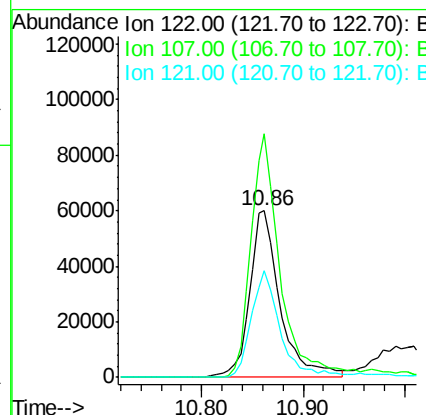
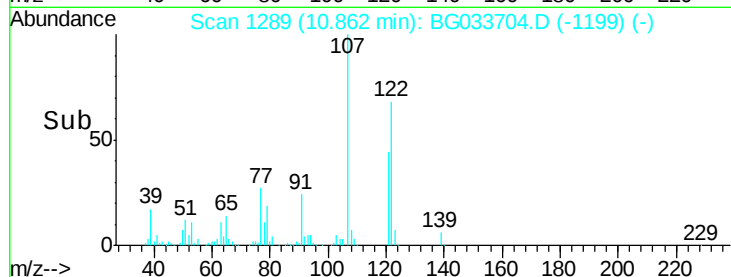
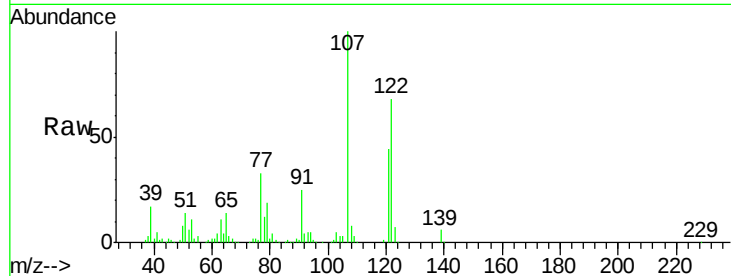
#27
 2,4-Dimethylphenol
 Concen: 59.464 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampled :
 PB108088BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.1	100.2	150.2
121	64.1	44.4	66.6

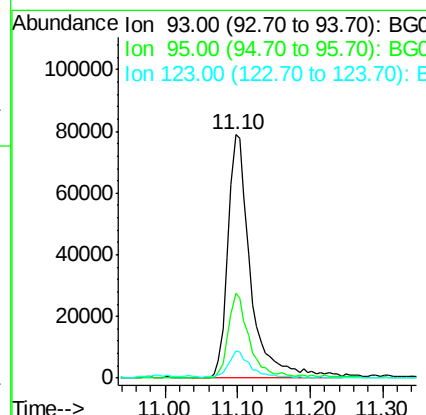
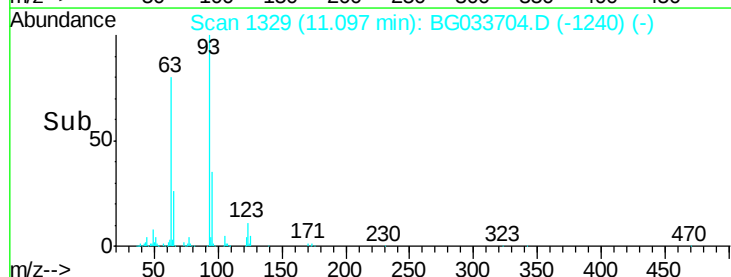
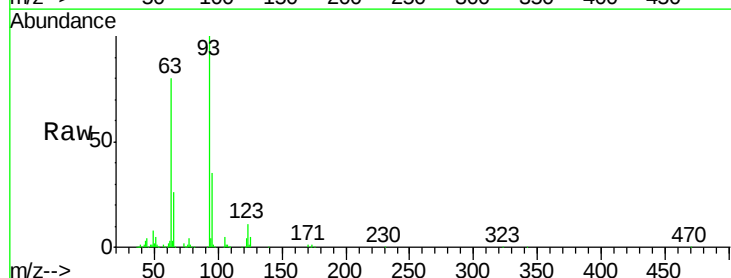
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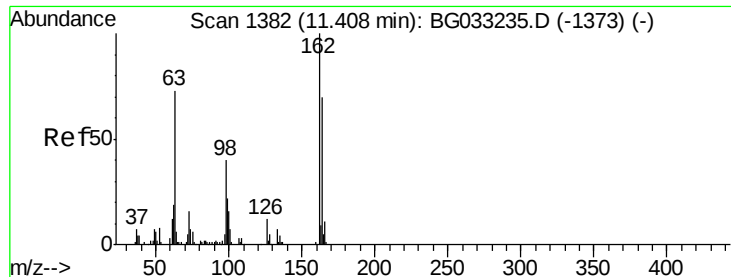
Sohil
 4/10/2018 3:36:56 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.032 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	24.3	36.5
123	11.0	8.4	12.6





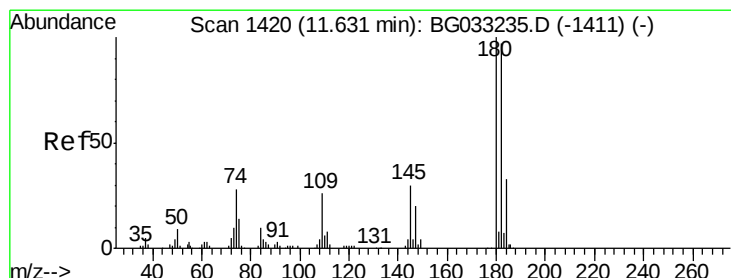
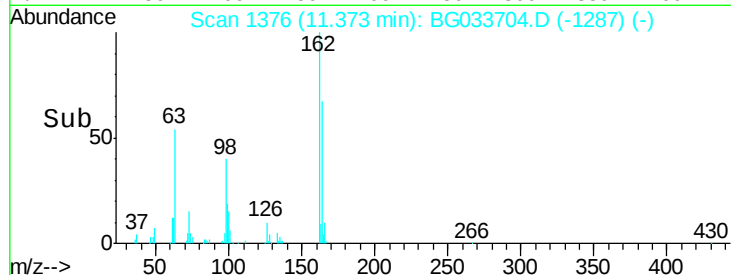
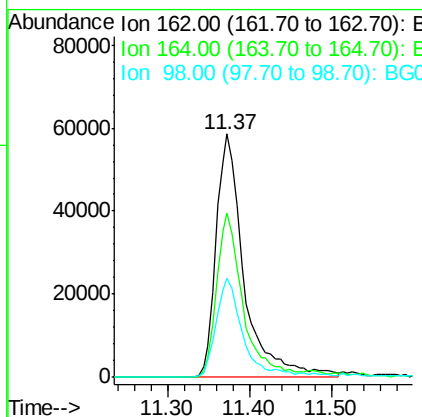
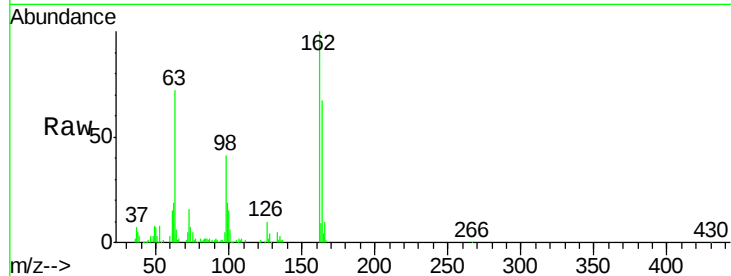
#29
 2,4-Dichlorophenol
 Concen: 53.768 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.5	48.0	88.0	
98	40.6	21.1	61.1	

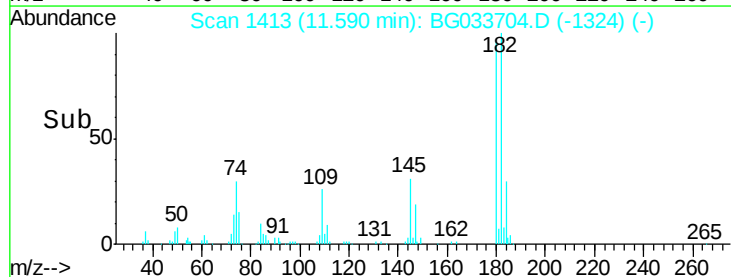
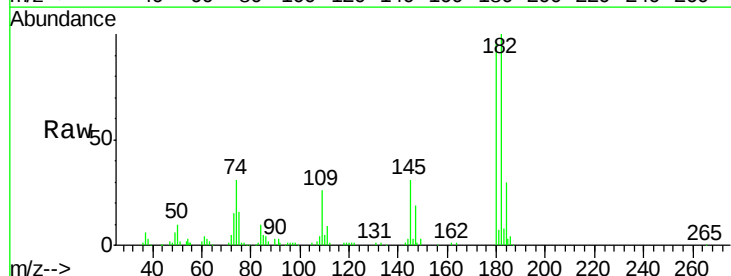
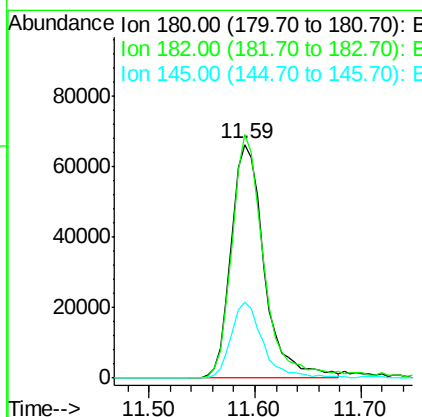
Manual Integrations
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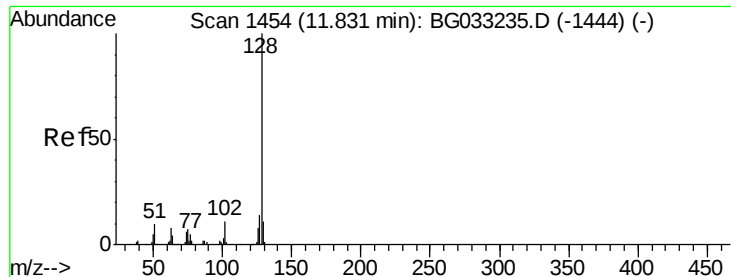
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.832 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	104.2	77.5	116.3	
145	32.6	23.4	35.2	





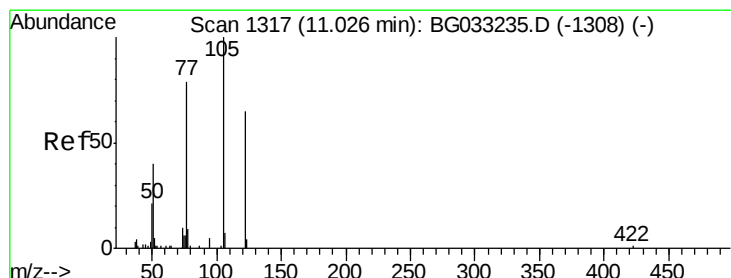
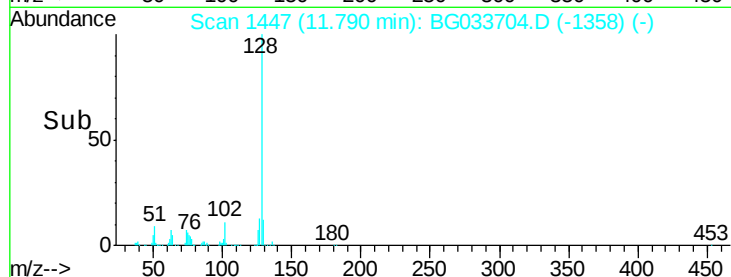
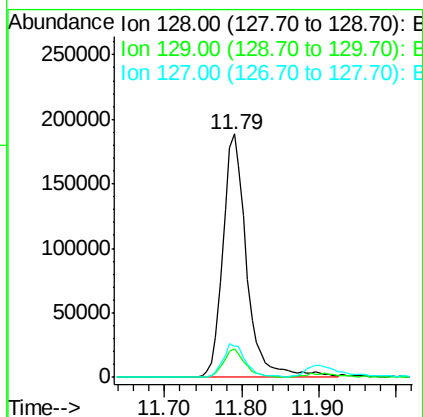
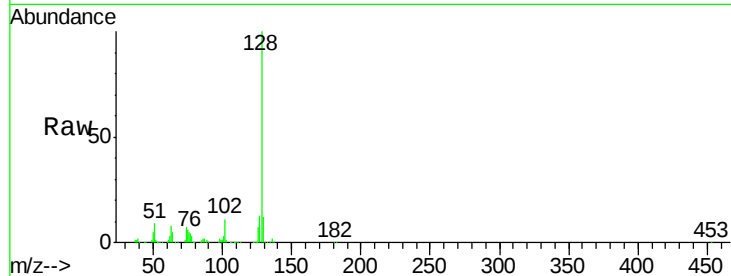
#31
Naphthalene
Concen: 47.591 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.0	11.6	17.4

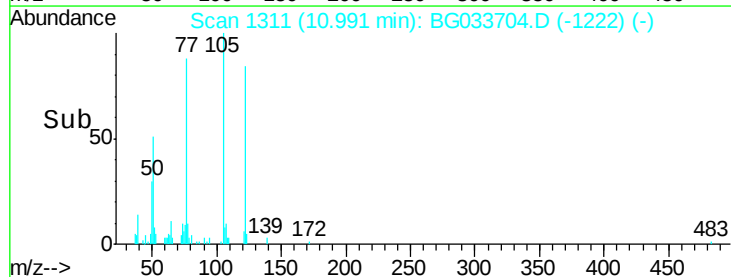
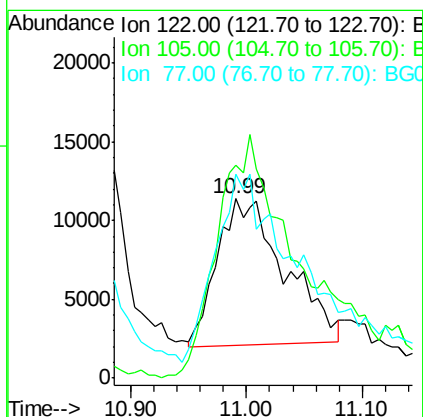
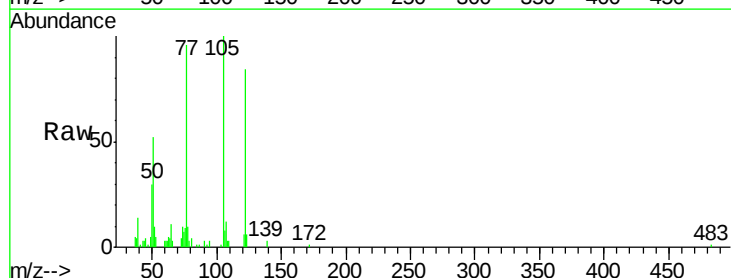
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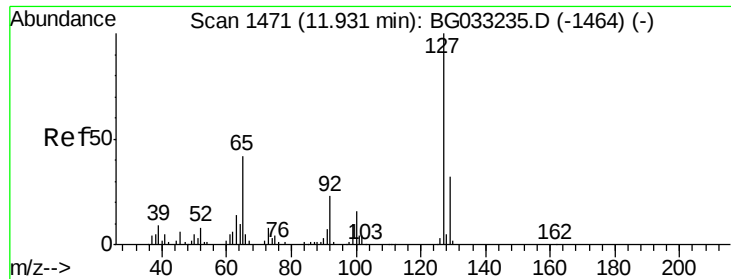
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#32
Benzoic acid
Concen: 19.235 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	123.5	163.5#
77	113.4	85.7	125.7





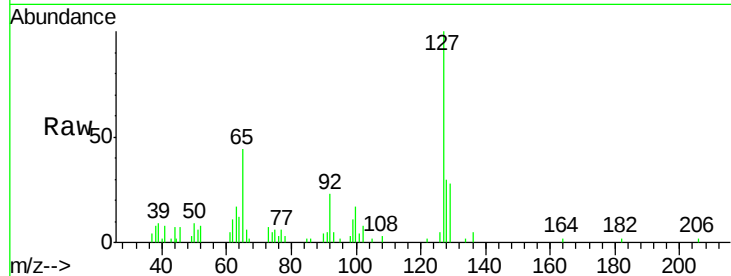
#33
4-Chloroaniline
Concen: 7.485 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

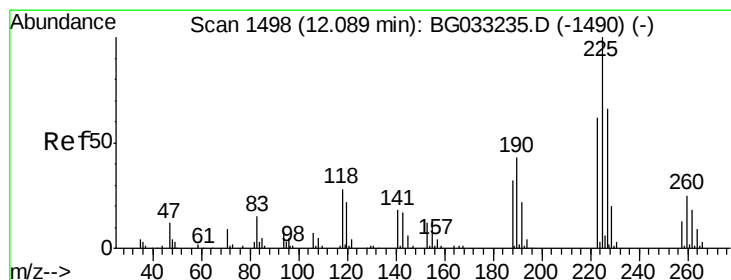
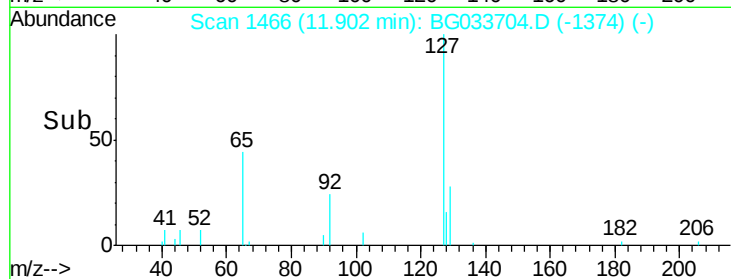
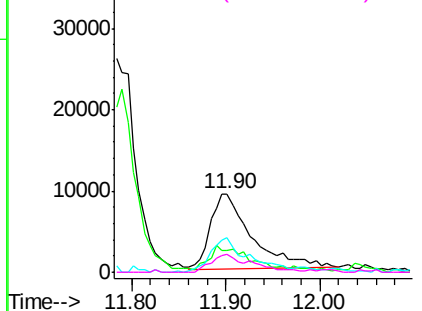
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		28560		
129	27.5		24.0	36.0	
65	43.9		27.0	40.4	
92	23.1		16.6	25.0	

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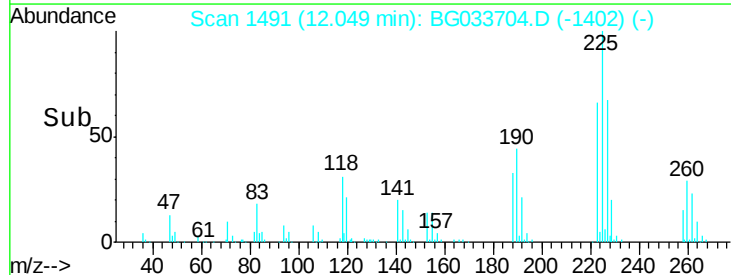
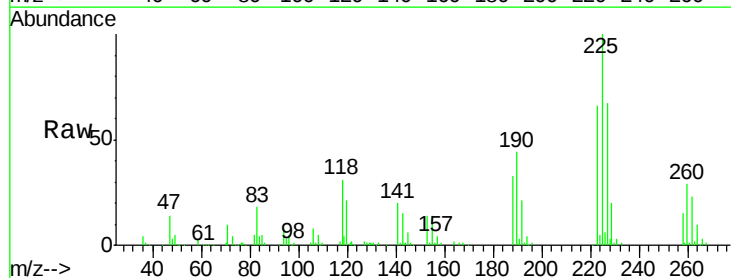
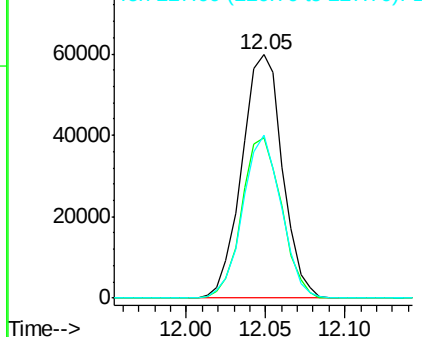
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

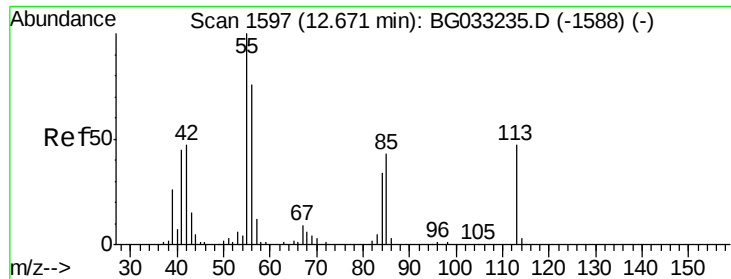


#34
Hexachlorobutadiene
Concen: 41.859 ng
RT: 12.05 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		106502		
223	65.7		49.7	74.5	
227	67.1		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: 50.132 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

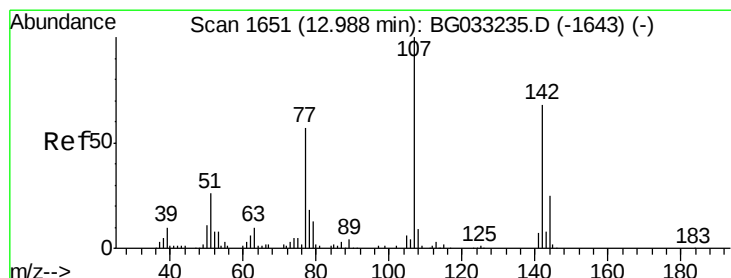
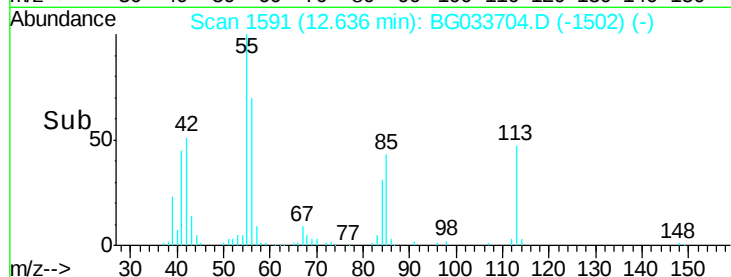
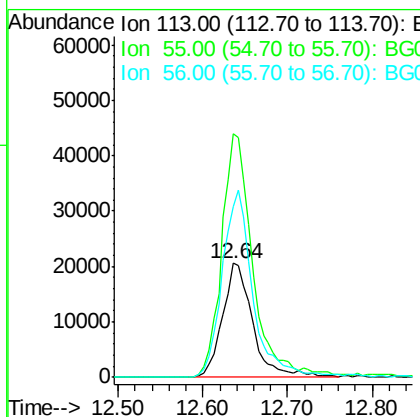
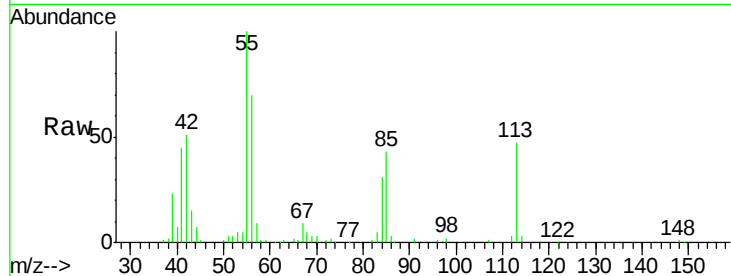
ClientSampleId :

PB108088BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.7	186.9	226.9
56	149.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 48.598 ng

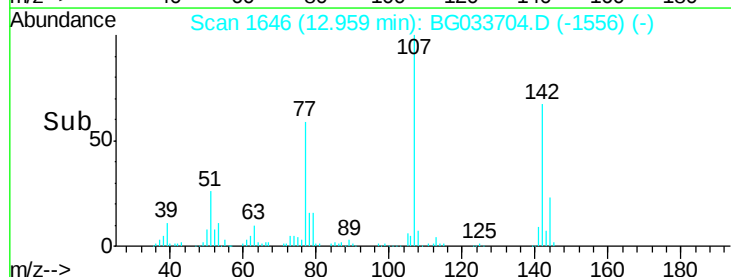
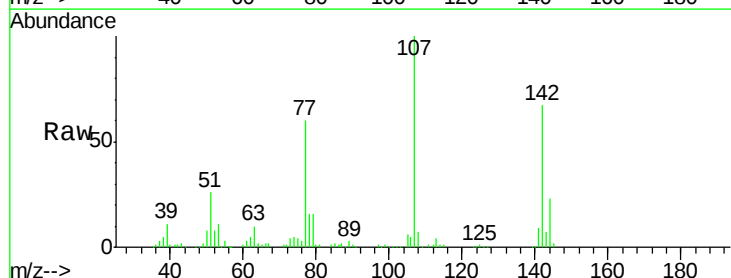
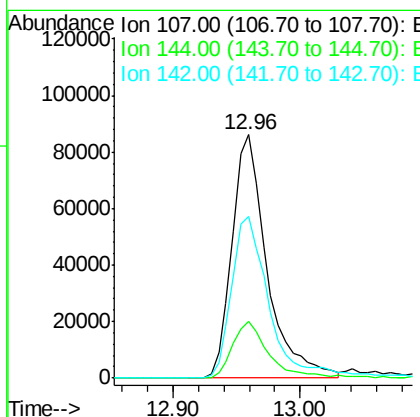
RT: 12.96 min Scan# 1646

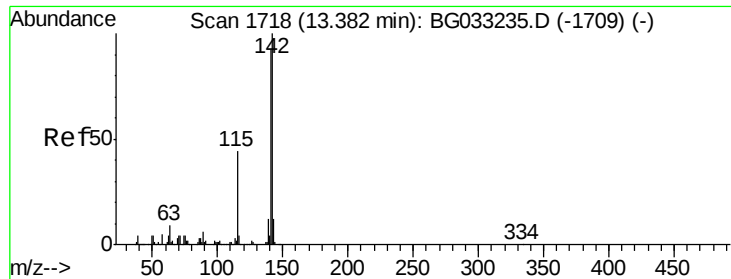
Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.2	27.4
142	66.7	59.0	88.4





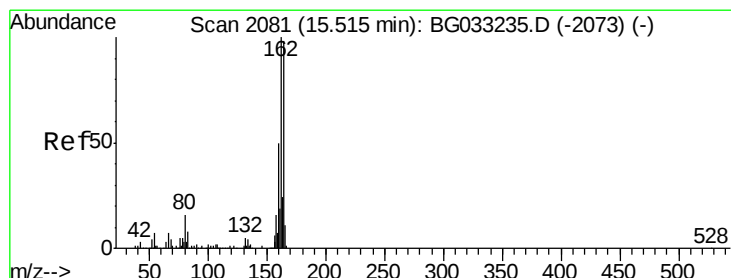
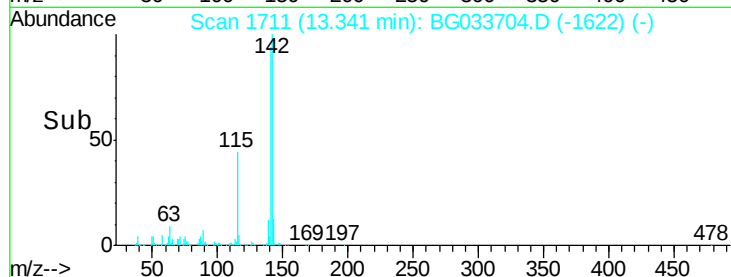
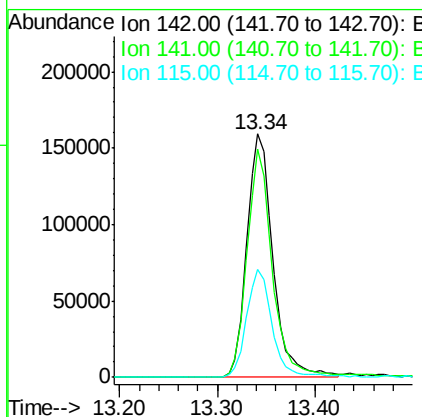
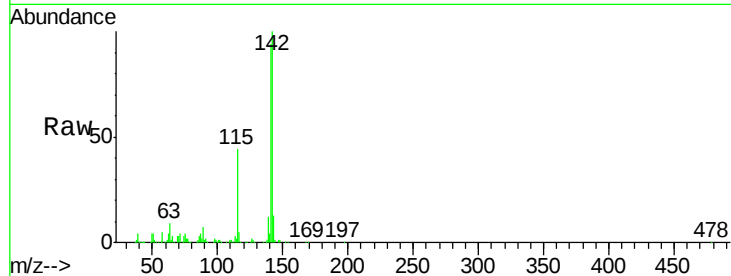
#37
 2-Methylnaphthalene
 Concen: 45.180 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	298635		
141	93.7	67.1	100.7	
115	44.4	30.7	46.1	

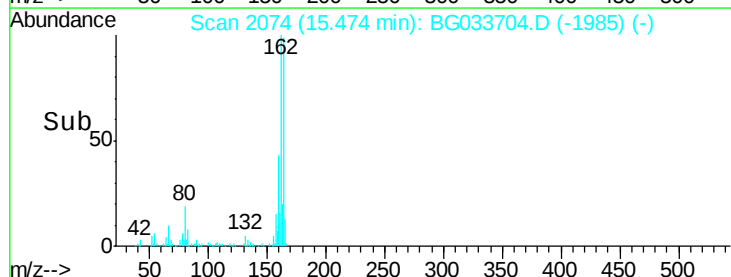
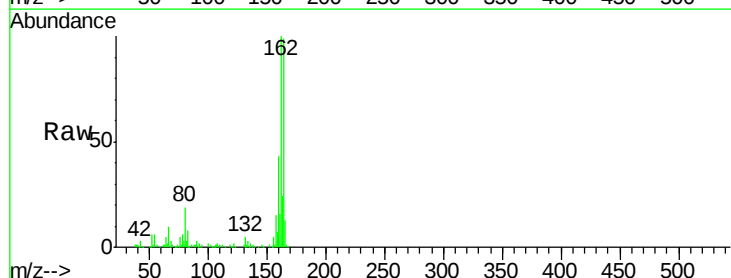
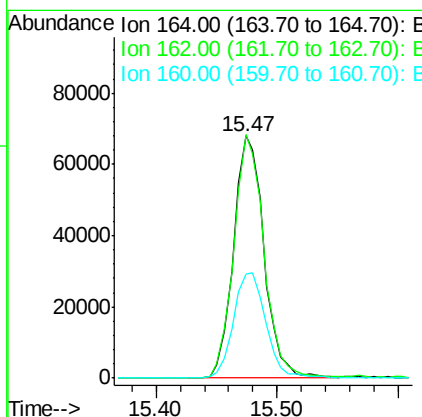
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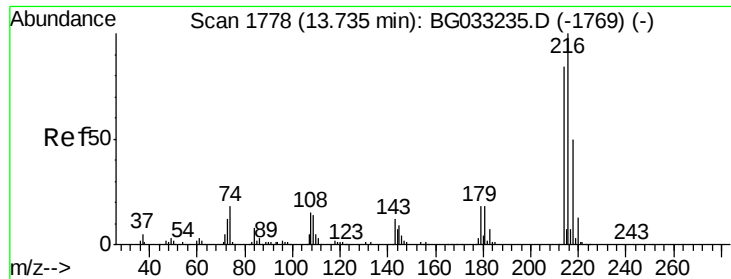
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119604		
162	100.7	78.8	118.2	
160	43.3	35.4	53.0	





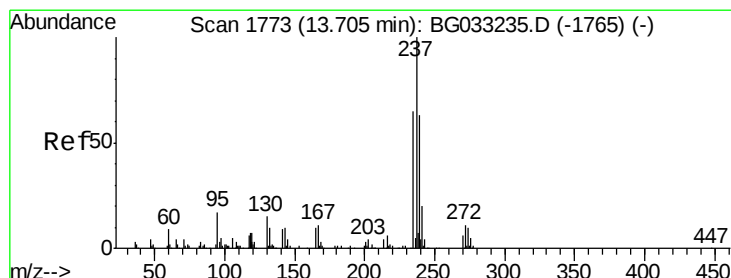
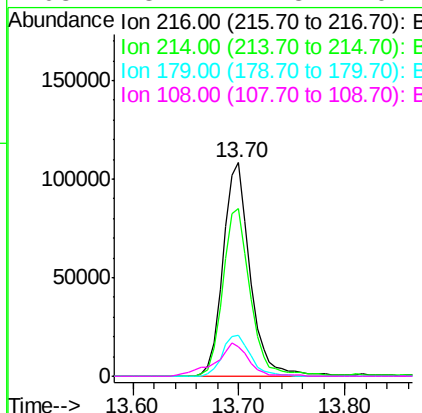
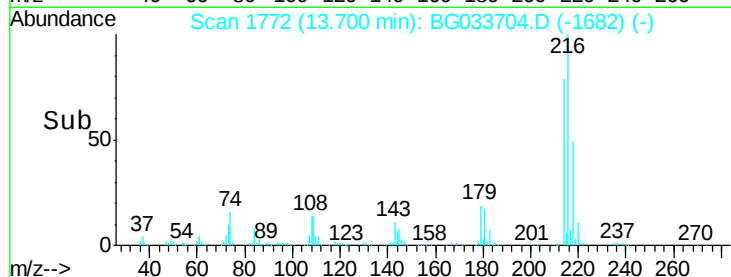
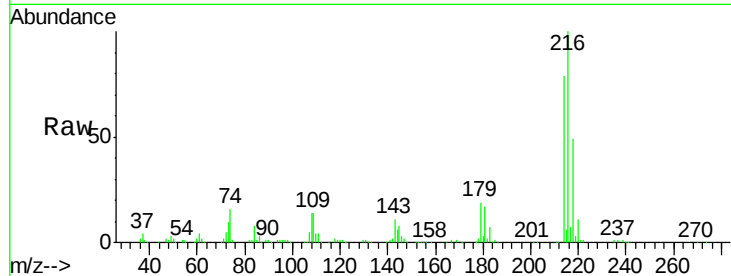
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.428 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5		63.0	94.4	
179	19.9		17.0	25.6	
108	18.7		12.8	19.2	

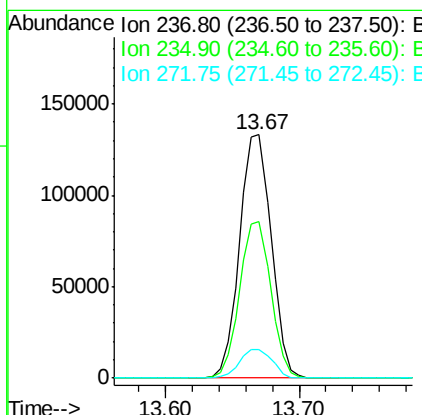
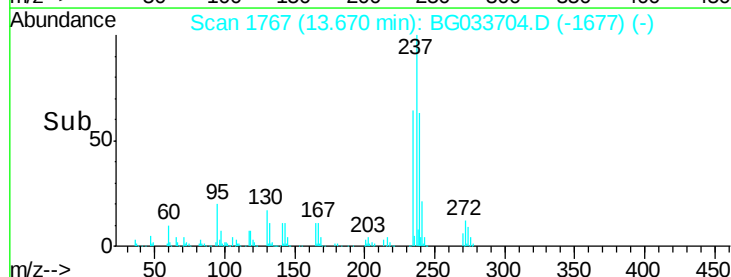
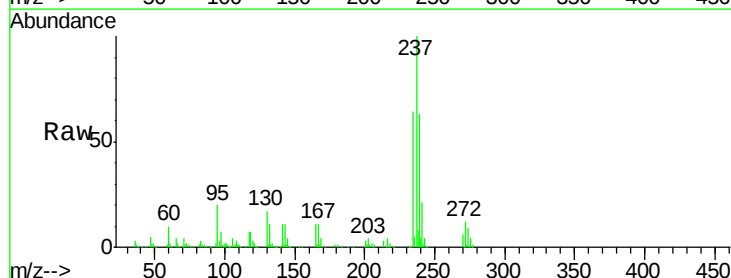
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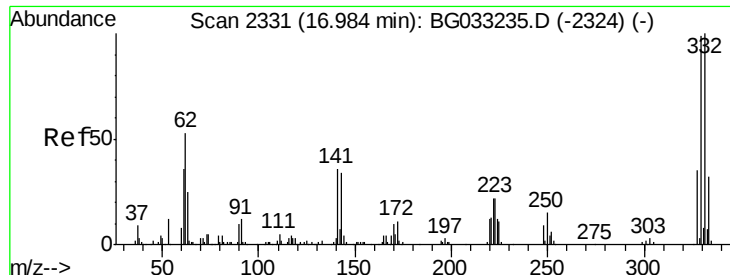
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#40
 Hexachlorocyclopentadiene
 Concen: 85.857 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.3		50.4	90.4	
272	11.7		0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 140.876 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

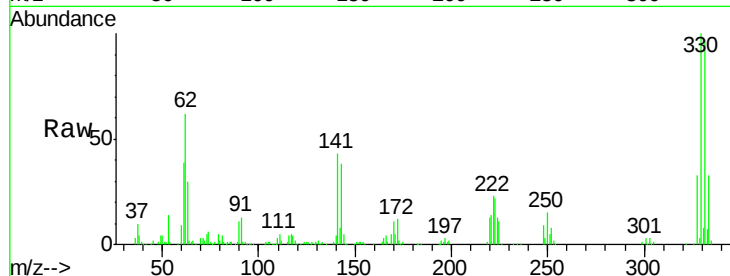
ClientSampleId :

PB108088BS

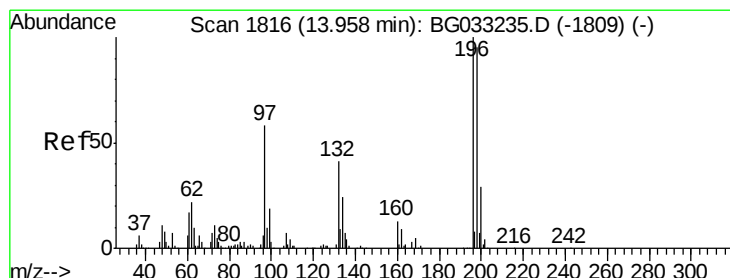
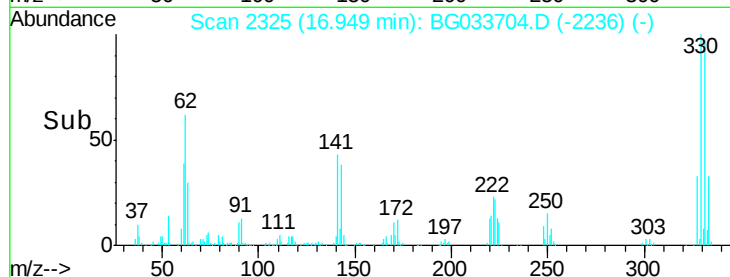
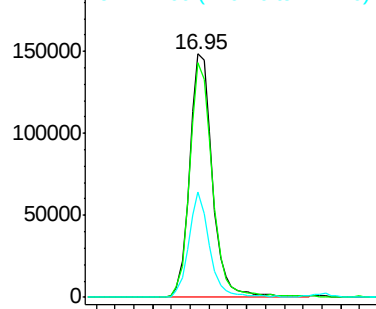
Tot Ion:	330	Resp:	252001
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.6
141	39.5	25.2	37.8#

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 49.330 ng

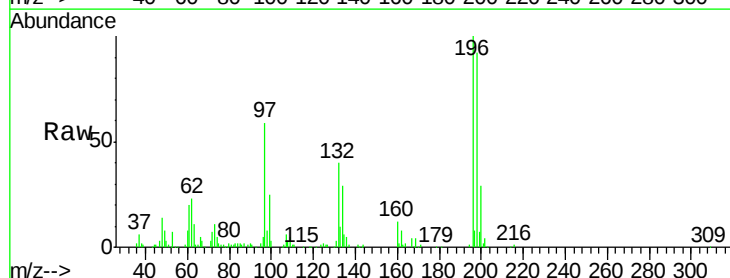
RT: 13.92 min Scan# 1810

Delta R.T. -0.01 min

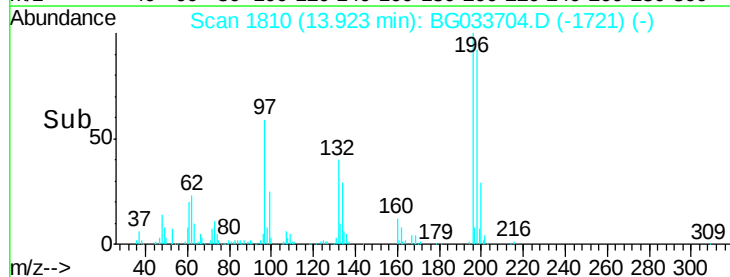
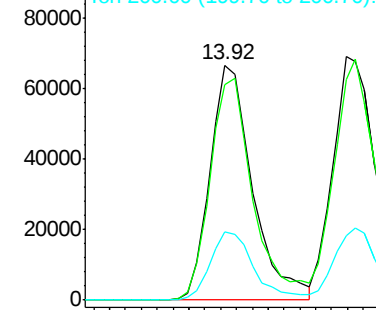
Lab File: BG033704.D

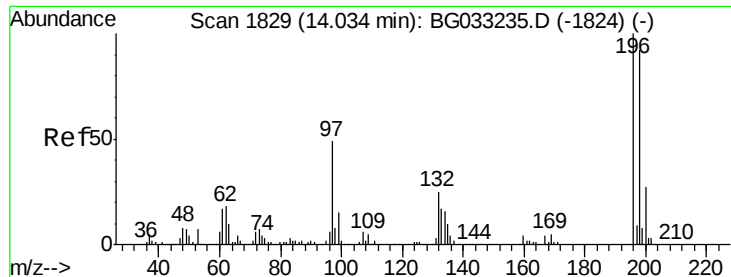
Acq: 10 Apr 2018 7:03

Tgt Ion:	196	Resp:	124169
Ion Ratio	Lower	Upper	
196	100		
198	91.7	78.2	117.2
200	29.2	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





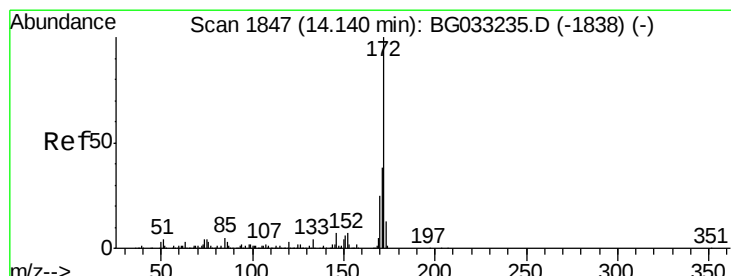
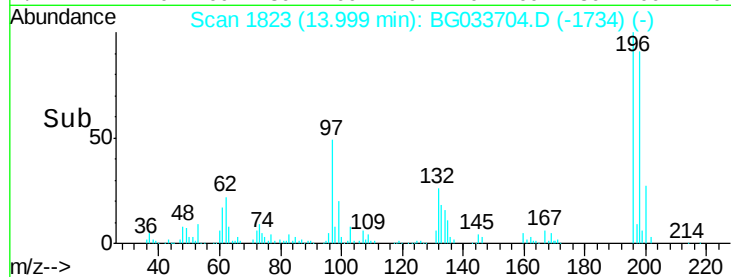
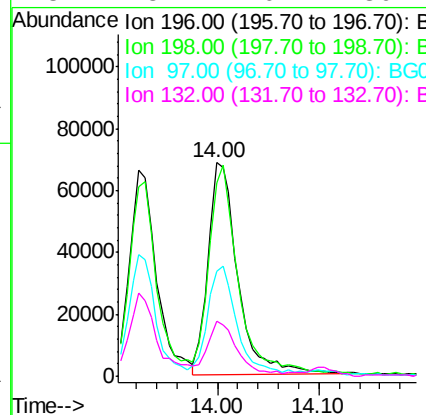
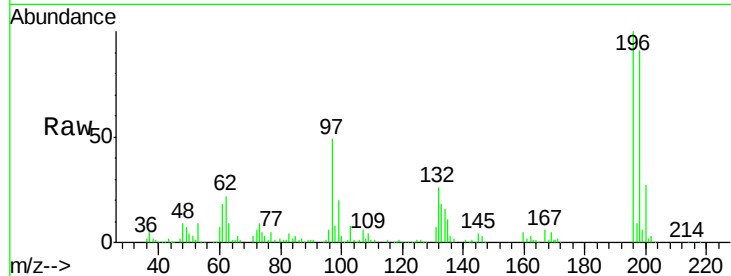
#43
 2,4,5-Trichlorophenol
 Concen: 46.870 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampled :
 PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139449		
198	90.7	76.2	114.4	
97	49.2	38.7	58.1	
132	25.7	20.2	30.2	

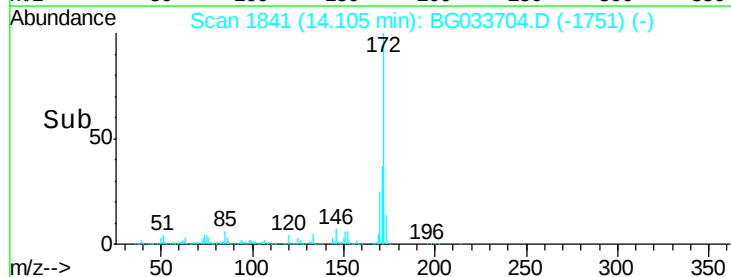
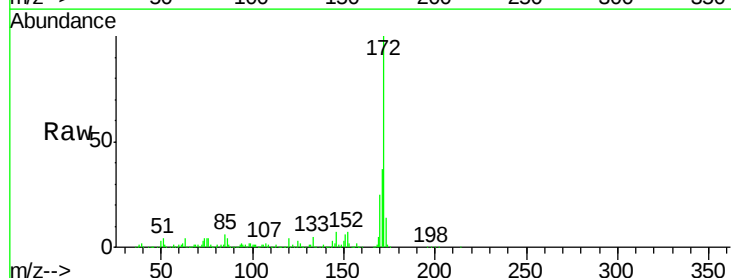
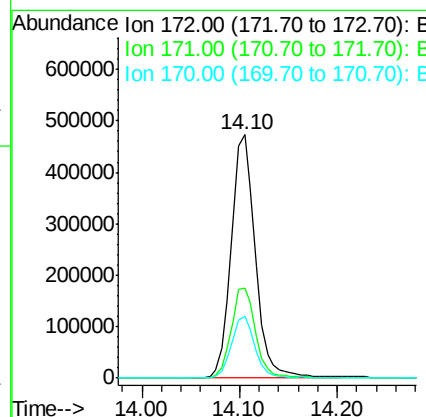
Manual Integrations
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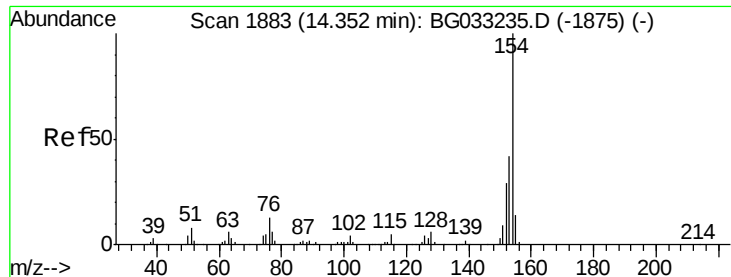
Sohil
 4/10/2018 3:36:56 PM



#44
 2-Fluorobiphenyl
 Concen: 98.540 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	816400		
171	37.0	30.0	45.0	
170	25.4	19.5	29.3	





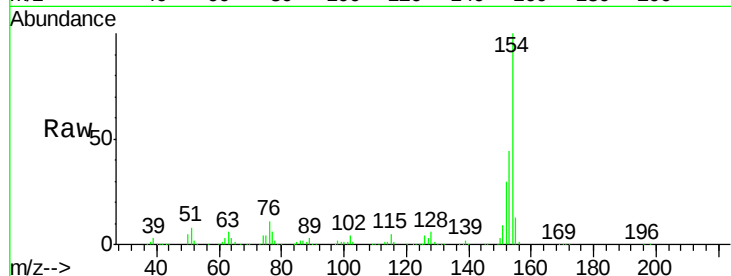
#45
1,1'-Biphenyl
Concen: 45.966 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

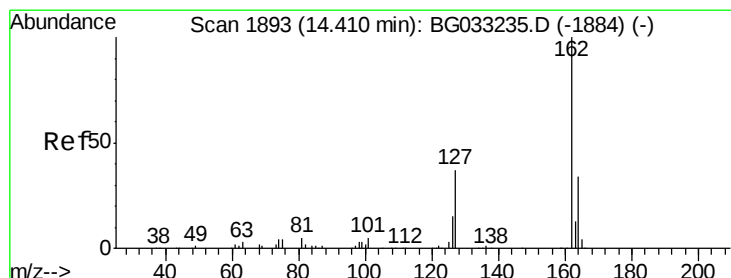
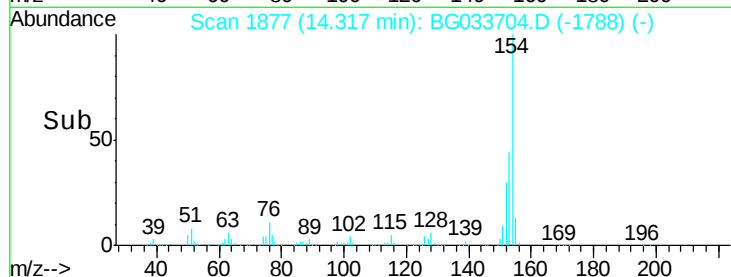
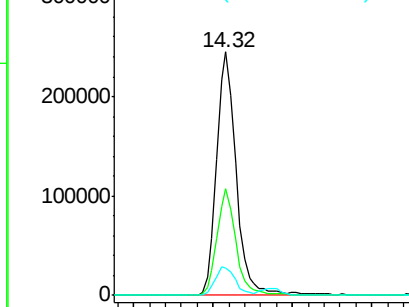
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.9	19.8	59.8
76	11.4	0.0	31.9

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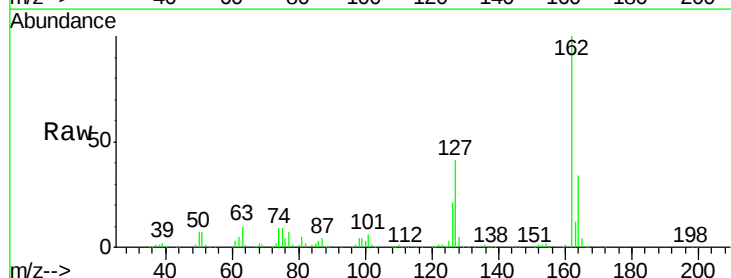


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

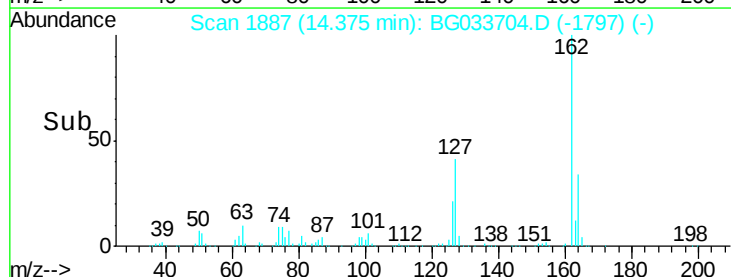
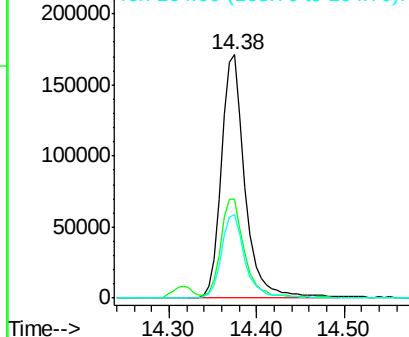


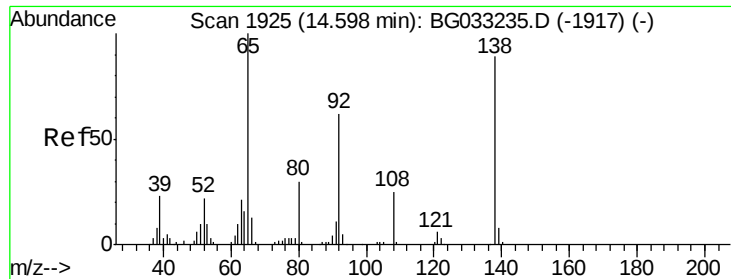
#46
2-Chloronaphthalene
Concen: 45.206 ng
RT: 14.38 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	34.3	26.0	39.0



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





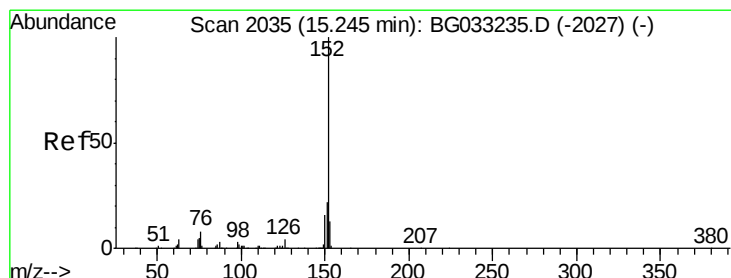
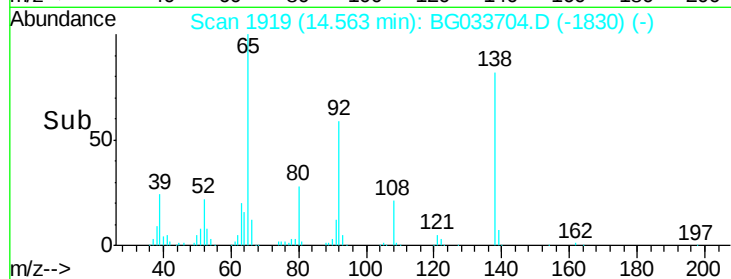
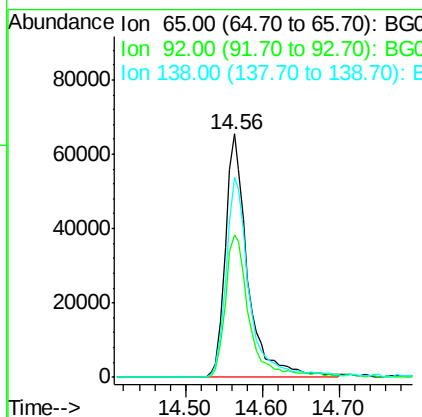
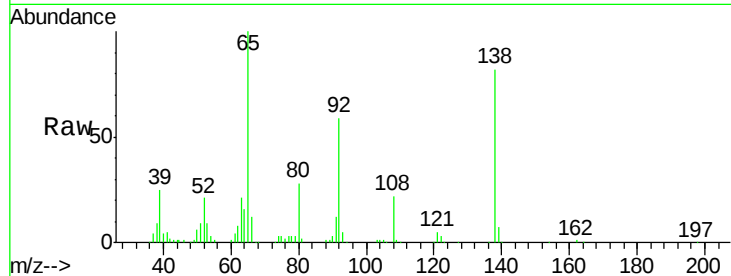
#47
2-Nitroaniline
Concen: 50.038 ng
RT: 14.56 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.8	54.6	82.0
138	82.1	72.9	109.3

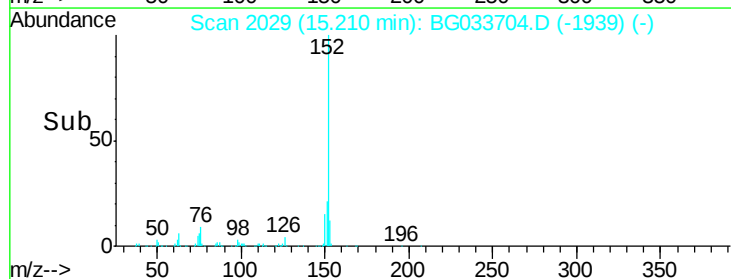
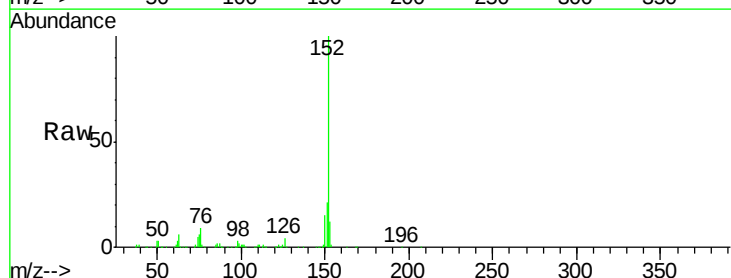
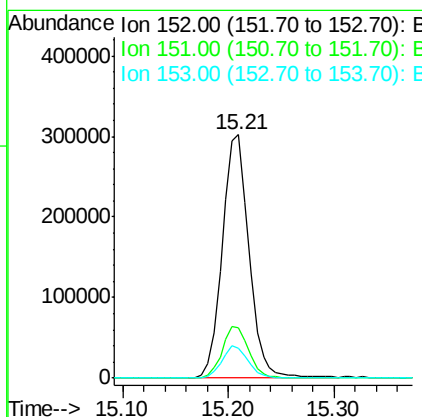
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#48
Acenaphthylene
Concen: 44.583 ng
RT: 15.21 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	12.1	10.2	15.4





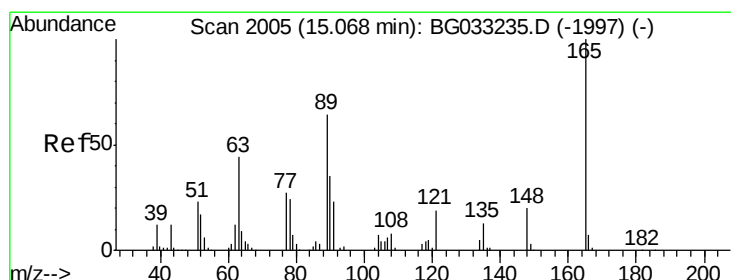
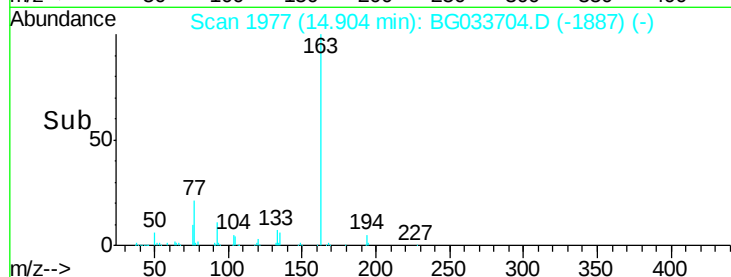
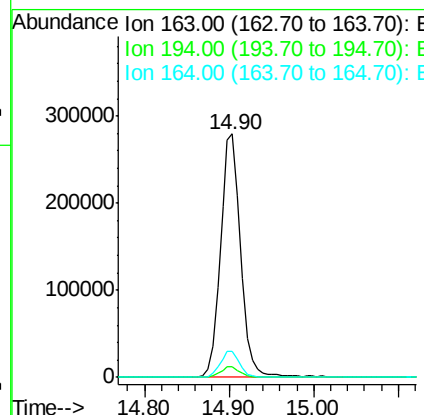
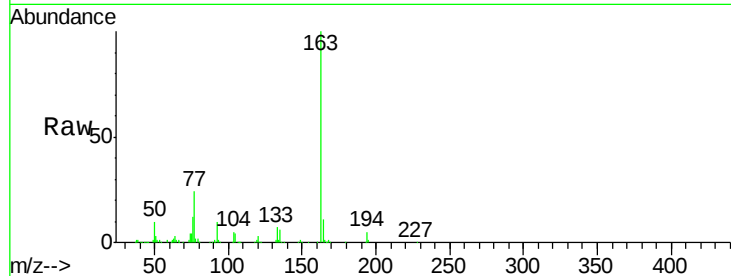
#49
Dimethylphthalate
Concen: 44.826 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	466587		
194	4.6		3.4	5.2
164	10.7		8.2	12.4

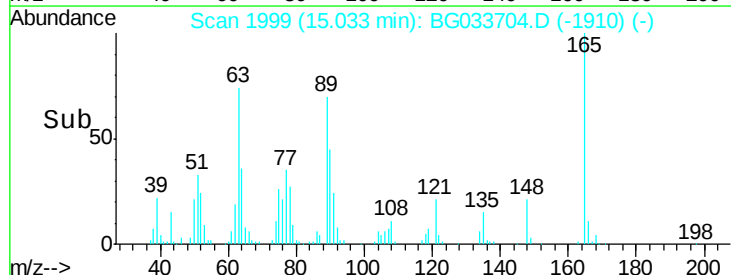
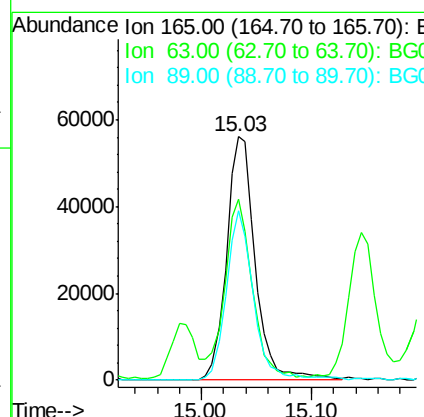
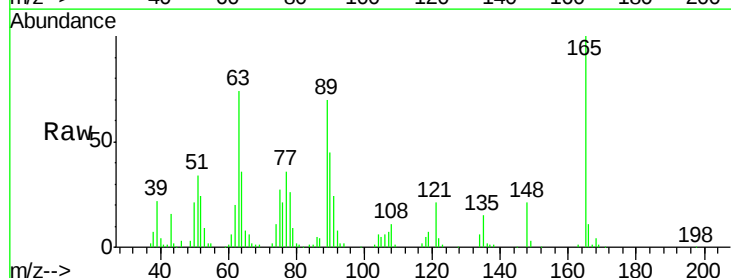
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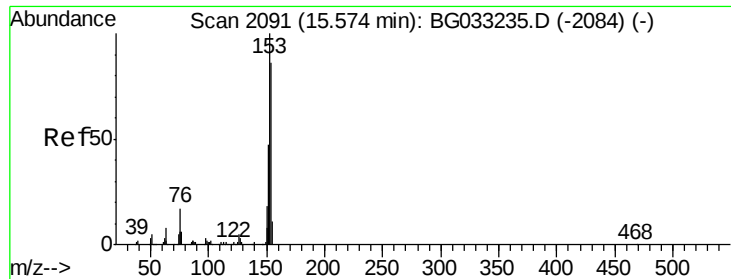
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#50
2,6-Dinitrotoluene
Concen: 47.756 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101640		
63	74.4		52.7	79.1
89	69.6		49.2	73.8





#51

Acenaphthene

Concen: 45.560 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

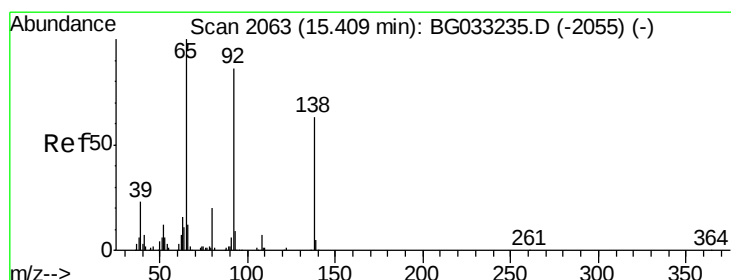
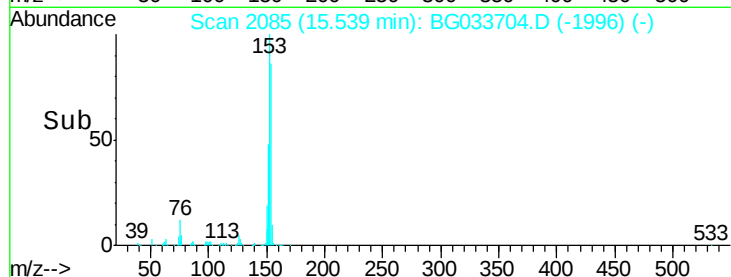
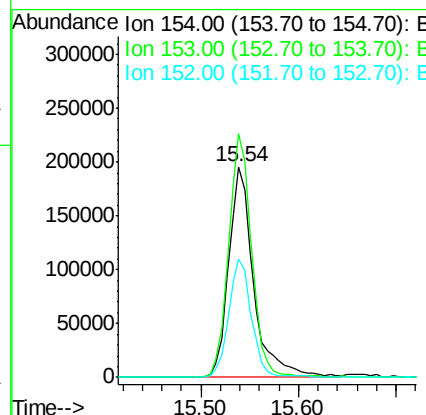
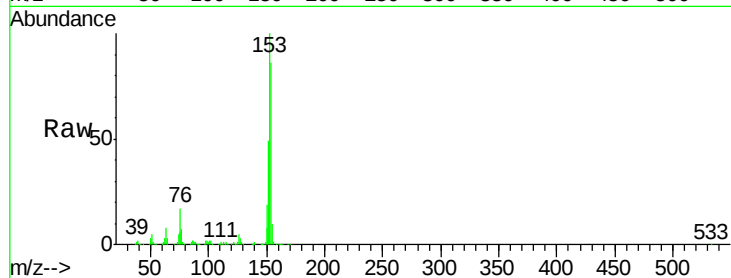
ClientSampleId :

PB108088BS

Tot Ion:	154	Resp:	347341
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.4	135.6
152	56.1	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 14.207 ng

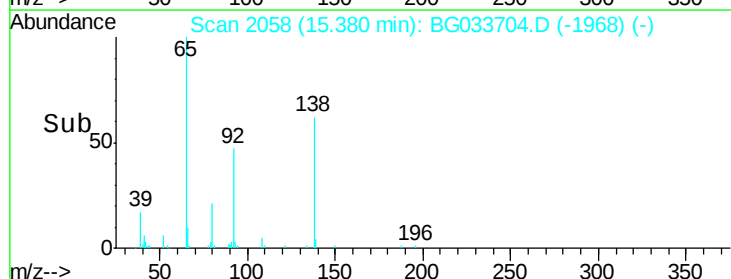
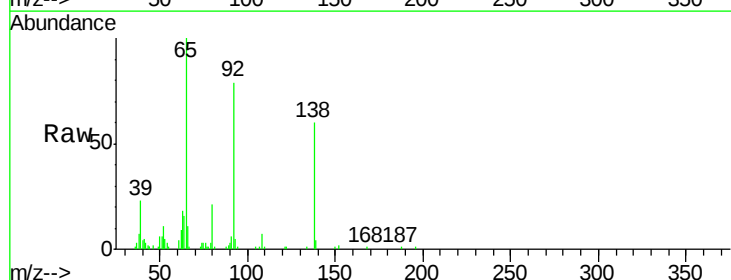
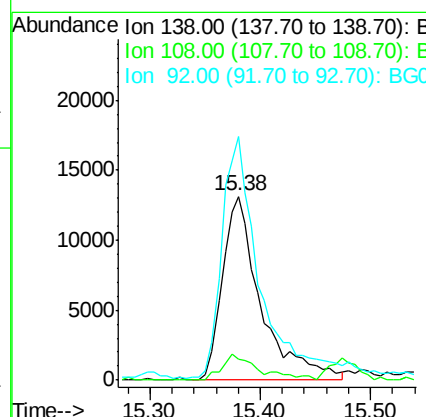
RT: 15.38 min Scan# 2058

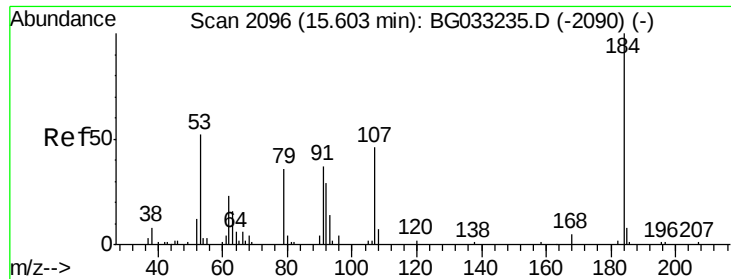
Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	138	Resp:	31701
Ion Ratio	Lower	Upper	
138	100		
108	11.6	17.5	26.3#
92	132.3	105.8	158.8





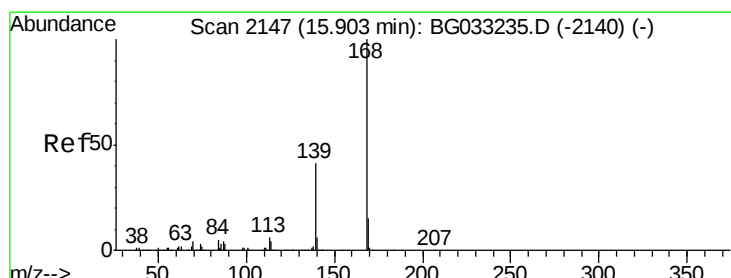
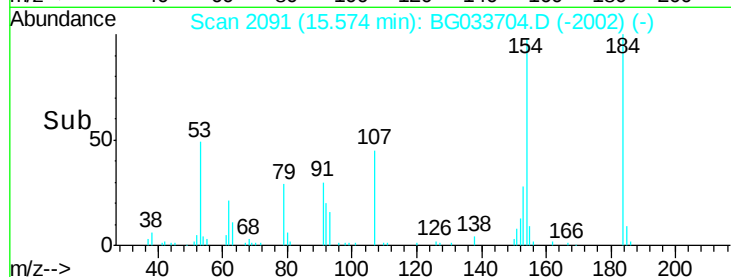
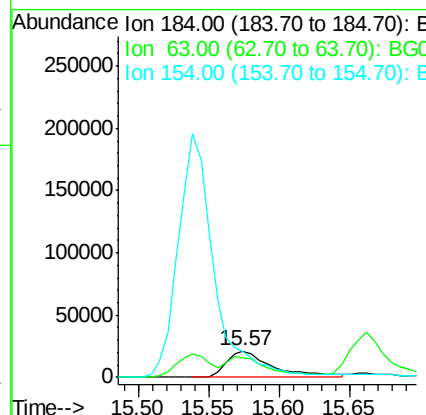
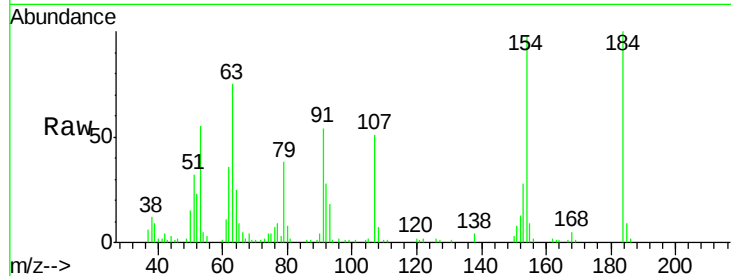
#53
2,4-Dinitrophenol
Concen: 46.765 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampled :
PB108088BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.7	59.8	89.8
154	97.8	101.8	152.8#

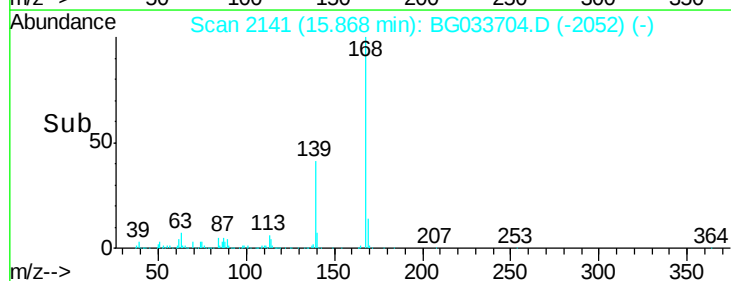
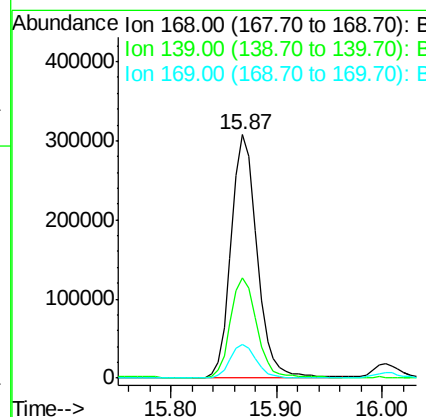
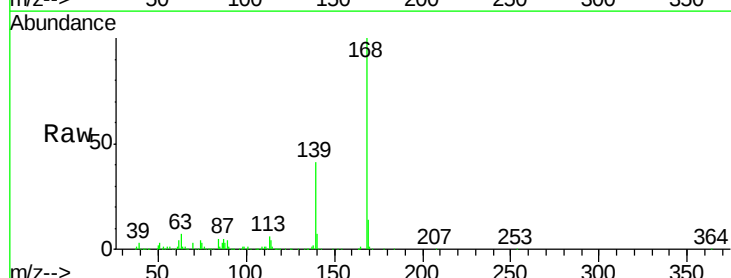
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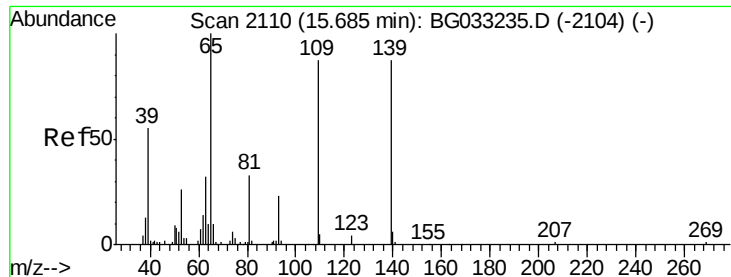
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#54
Dibenzofuran
Concen: 46.640 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	28.6	43.0
169	14.1	11.2	16.8





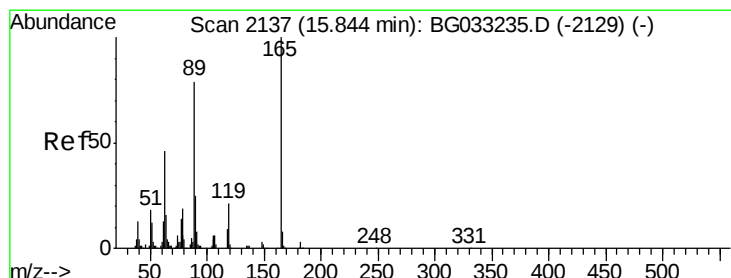
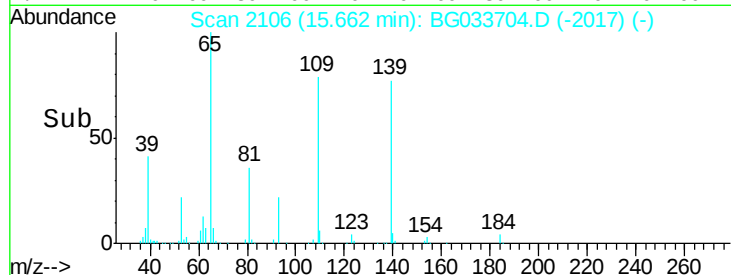
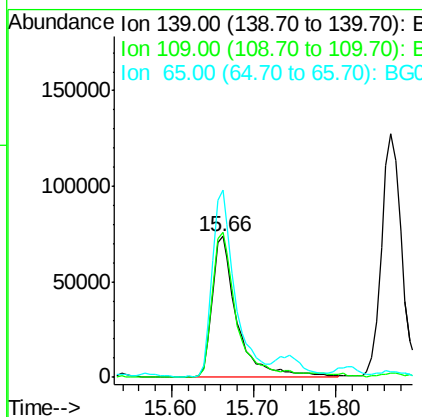
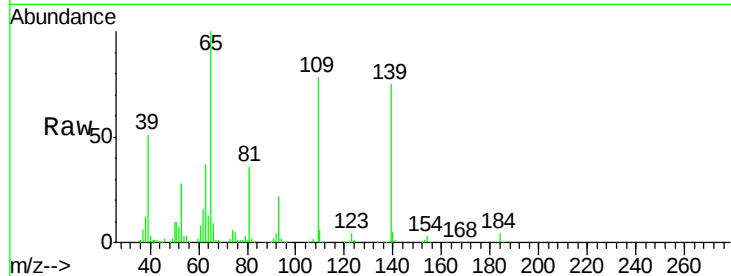
#55
4-Nitrophenol
Concen: 99.950 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	103.4	62.2	102.2#
65	133.1	97.2	137.2

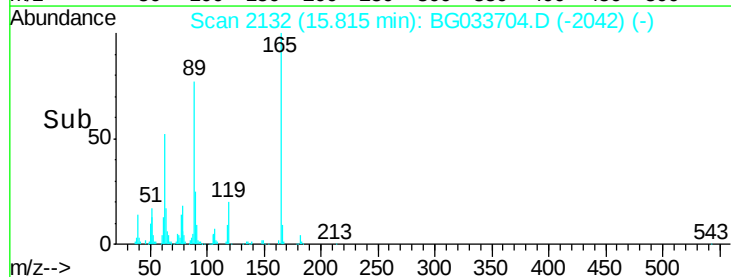
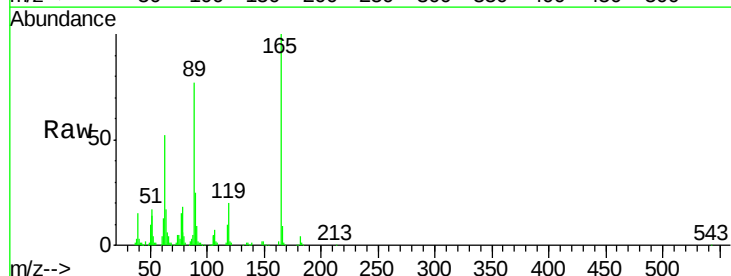
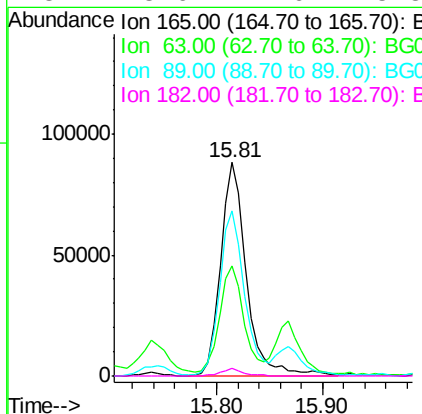
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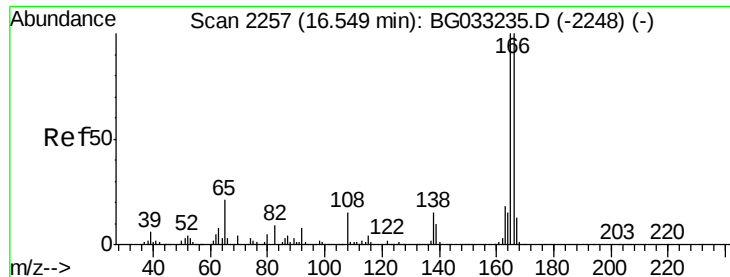
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#56
2,4-Dinitrotoluene
Concen: 47.952 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	42.0	63.0
89	77.1	66.9	100.3
182	3.6	2.6	3.8





#57

Fluorene

Concen: 45.356 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

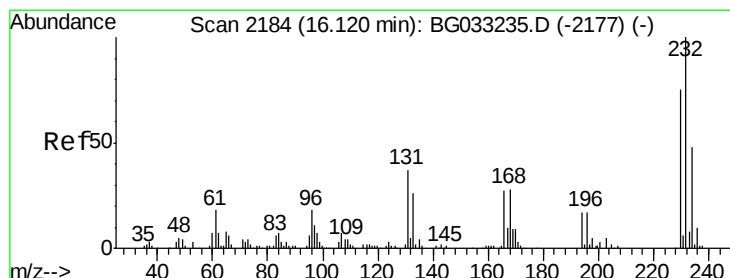
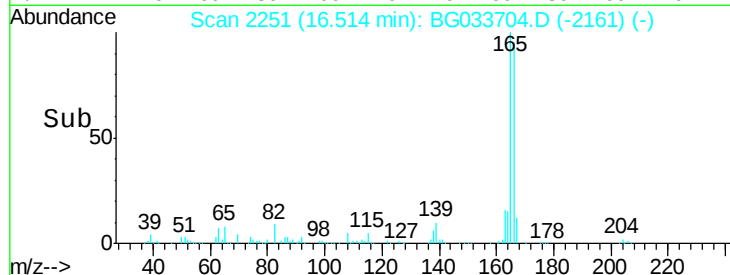
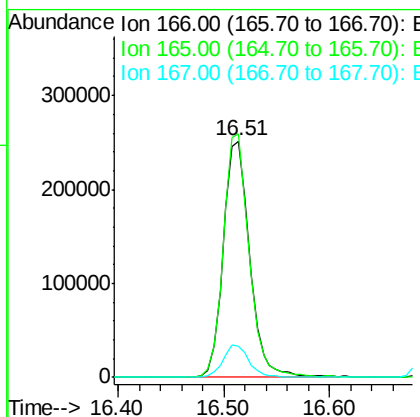
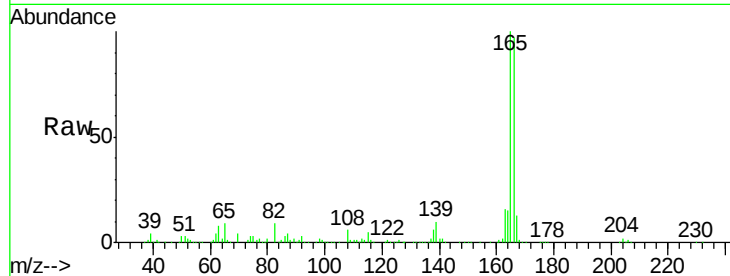
ClientSampleId :

PB108088BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.1	80.6	121.0
167	13.0	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.261 ng

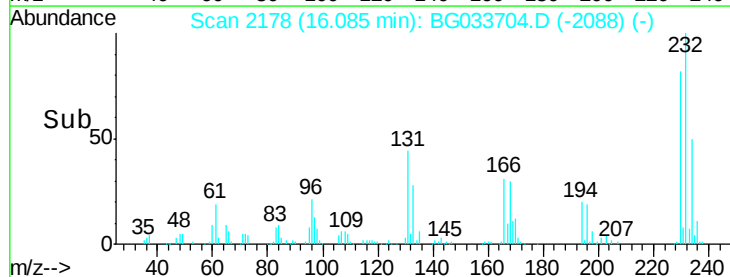
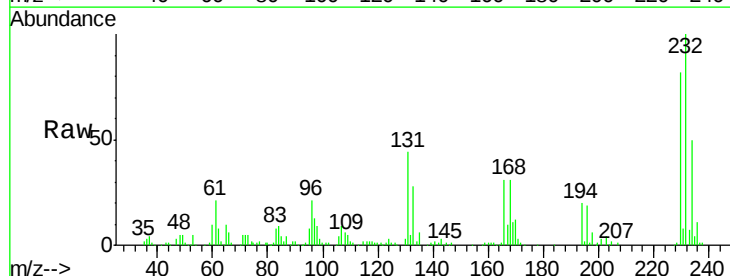
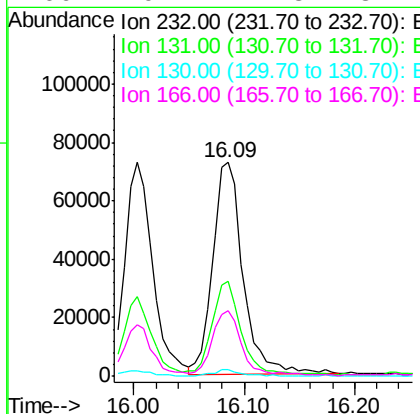
RT: 16.09 min Scan# 2178

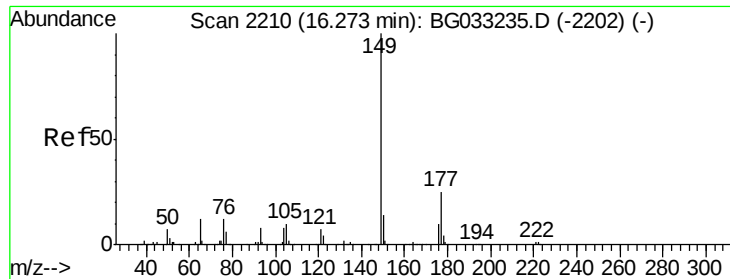
Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.5	50.3
130	2.6	2.2	3.2
166	29.4	24.8	37.2





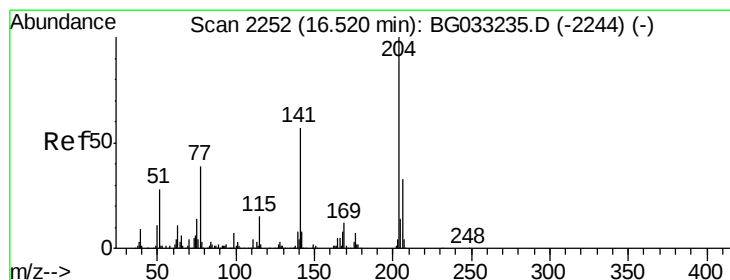
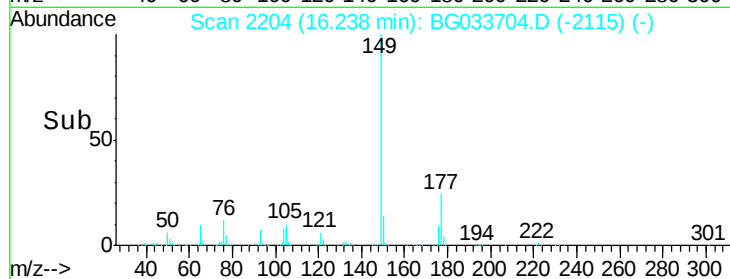
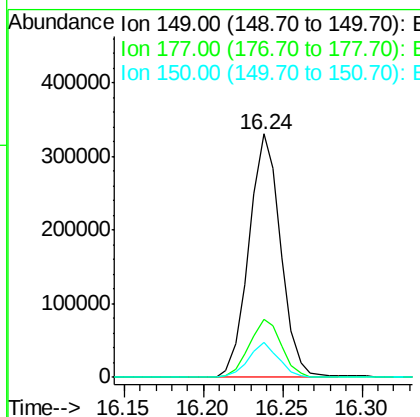
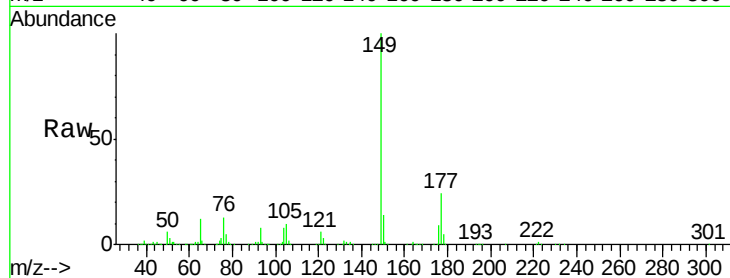
#59
Diethylphthalate
Concen: 45.570 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	460584		
177	24.0	18.5	27.7	
150	14.3	10.2	15.2	

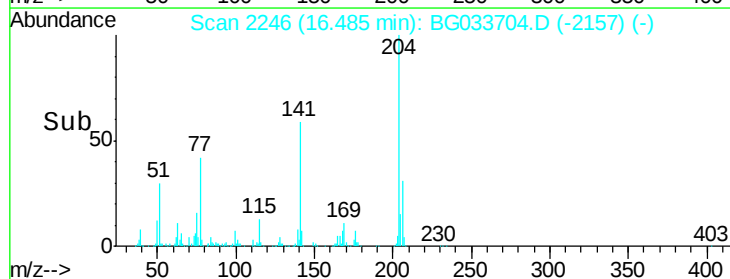
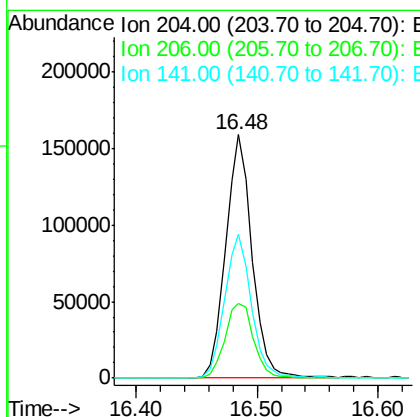
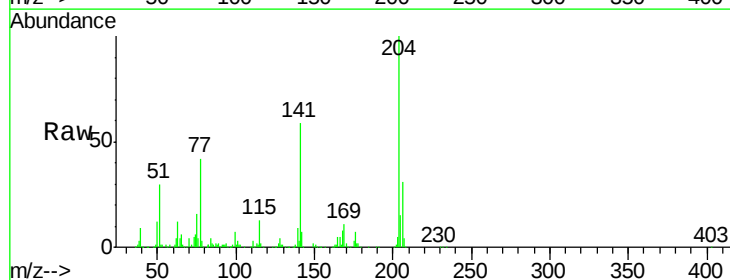
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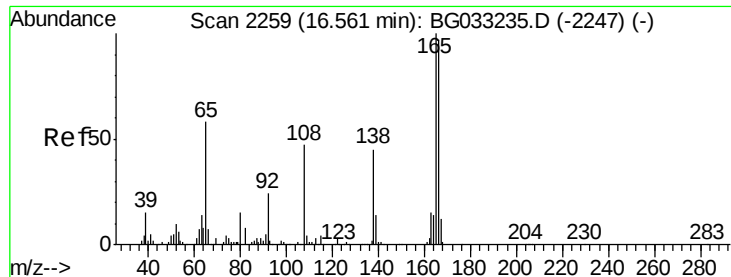
Sohil
4/10/2018 3:36:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.753 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	241297		
206	30.6	26.2	39.2	
141	59.2	45.8	68.6	





#61

4-Nitroaniline

Concen: 39.351 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

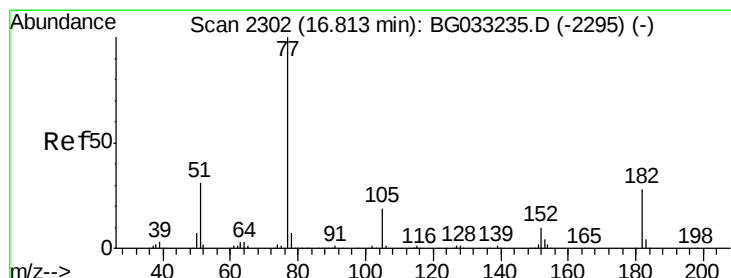
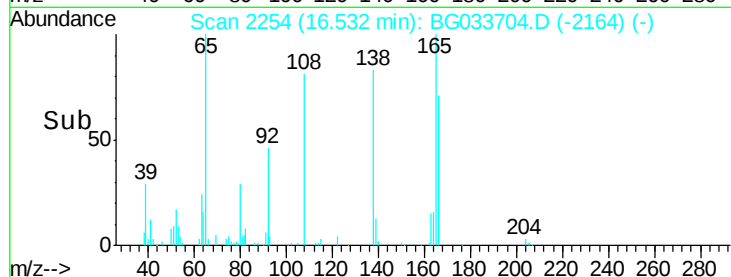
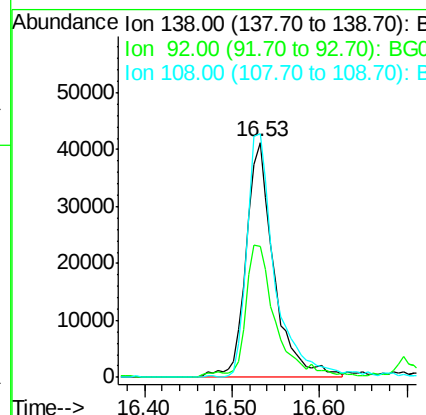
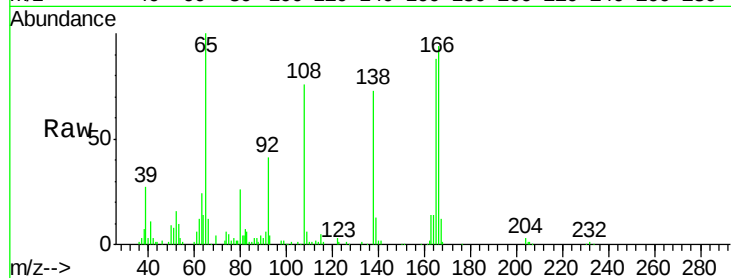
ClientSampleId :

PB108088BS

Tot Ion:	138	Resp:	88916
Ion Ratio	Lower	Upper	
138	100		
92	55.9	40.1	80.1
108	103.6	65.4	105.4

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Sohil
4/10/2018 3:36:56 PM



#62

Azobenzene

Concen: 47.932 ng

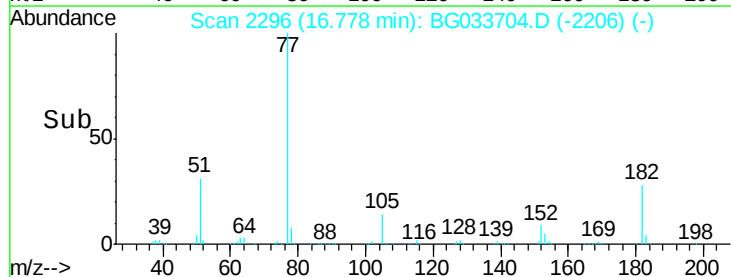
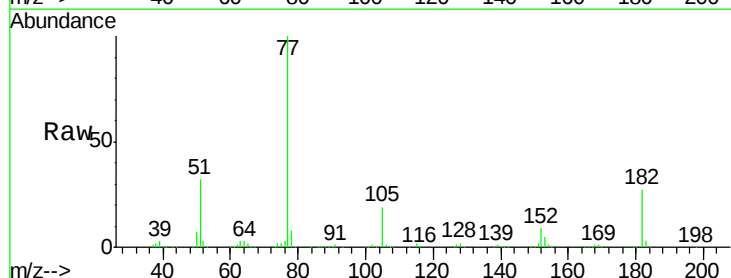
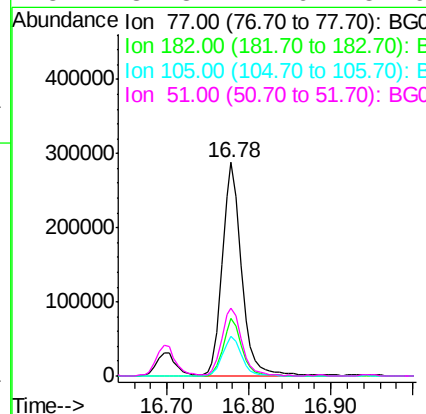
RT: 16.78 min Scan# 2296

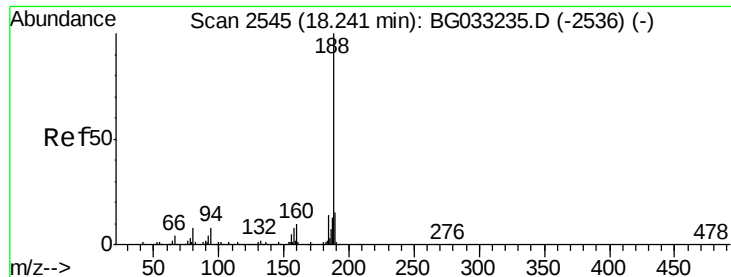
Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	77	Resp:	469289
Ion Ratio	Lower	Upper	
77	100		
182	26.9	7.4	47.4
105	18.5	0.3	40.3
51	31.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

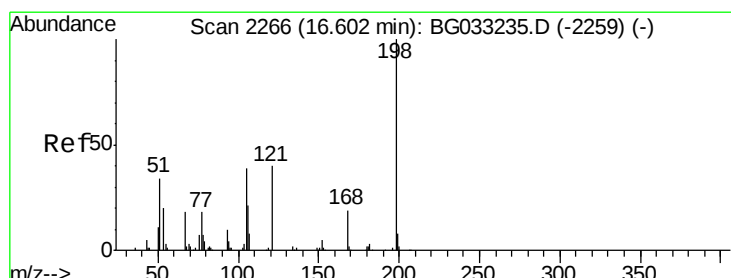
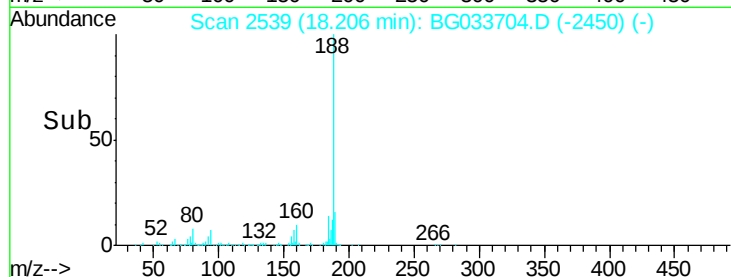
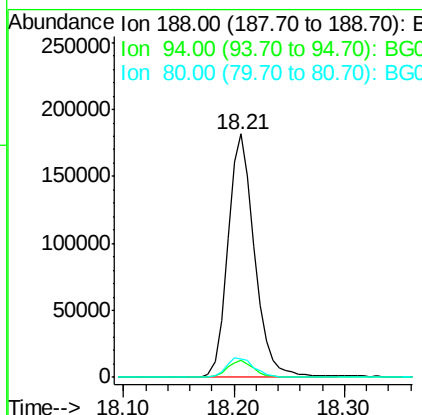
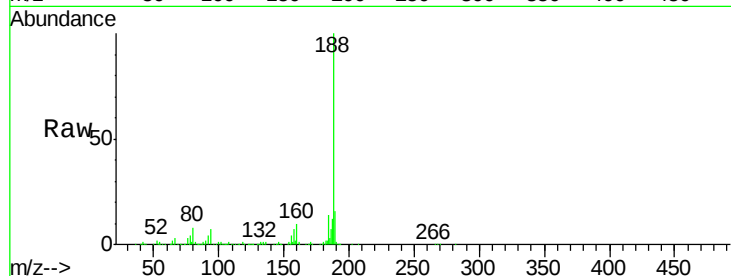
ClientSampleId :

PB108088BS

Tot Ion:	188	Resp:	307318
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	7.7	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.023 ng

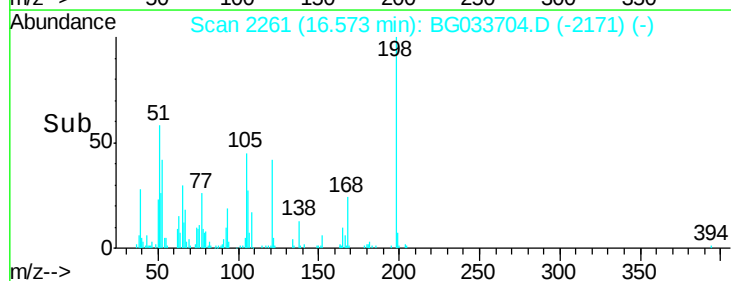
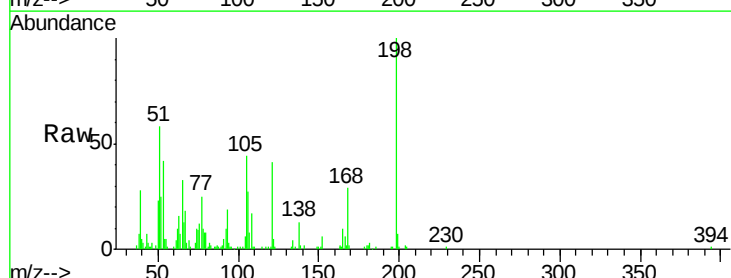
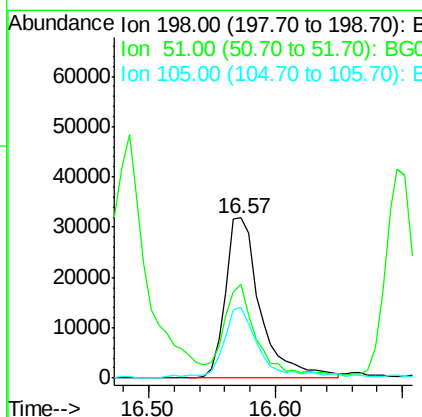
RT: 16.57 min Scan# 2261

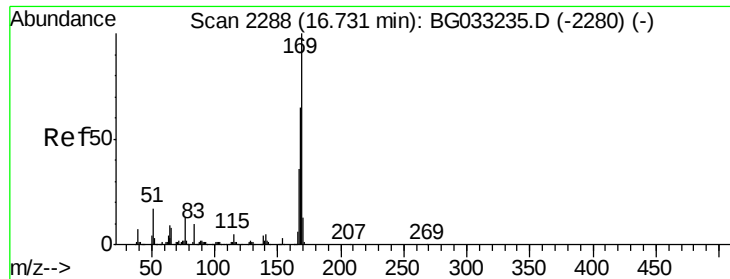
Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	198	Resp:	60711
Ion Ratio	Lower	Upper	
198	100		
51	58.3	30.6	70.6
105	44.4	23.8	63.8





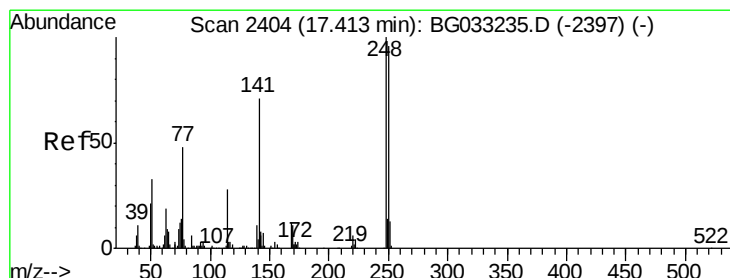
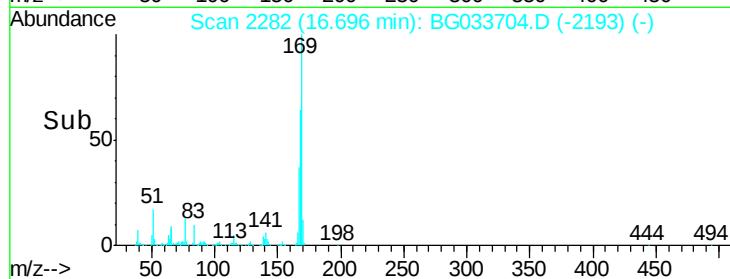
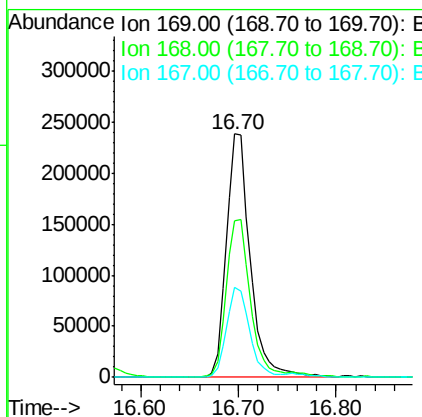
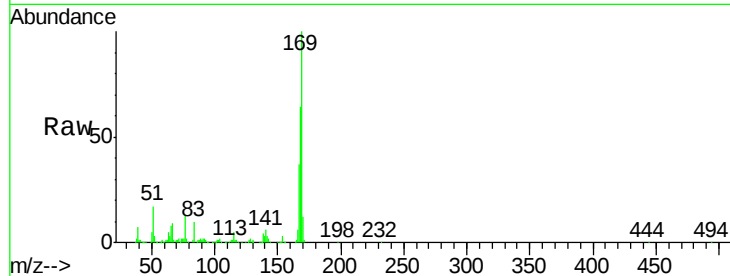
#65
n-Nitrosodiphenylamine
Concen: 46.164 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.1	55.7	83.5	
167	36.8	30.1	45.1	

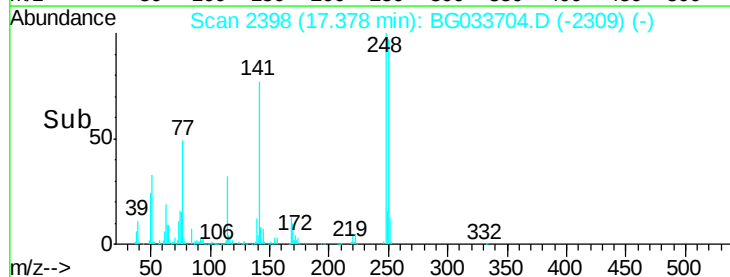
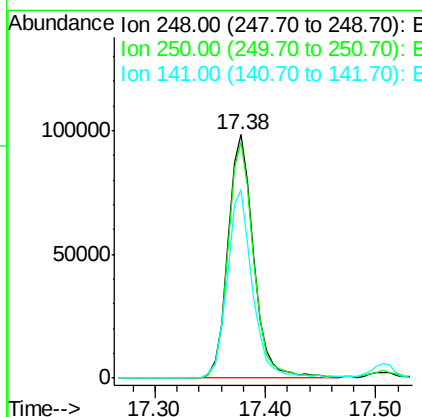
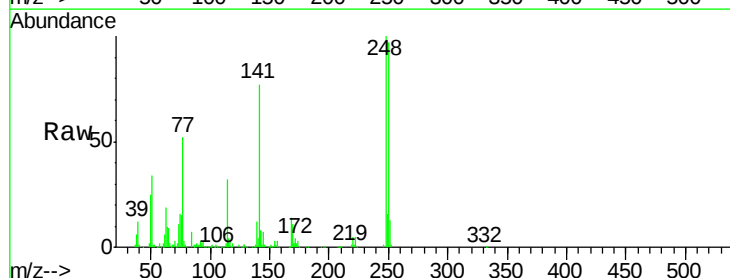
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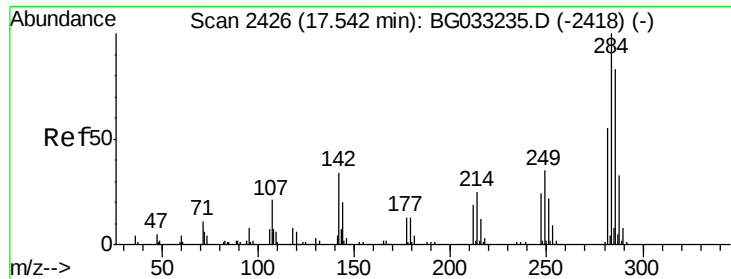
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 44.611 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	77.1	115.7	
141	77.5	50.8	76.2	





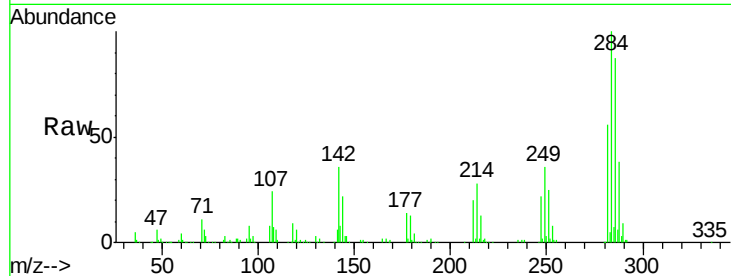
#67
Hexachlorobenzene
Concen: 43.208 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

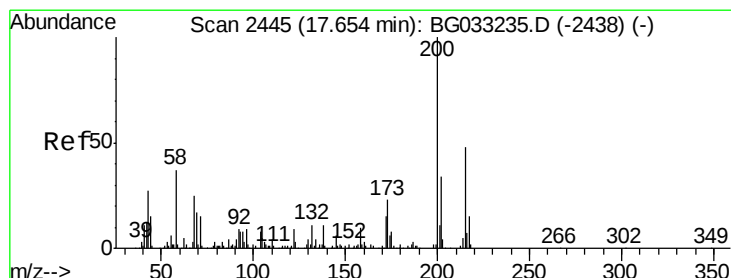
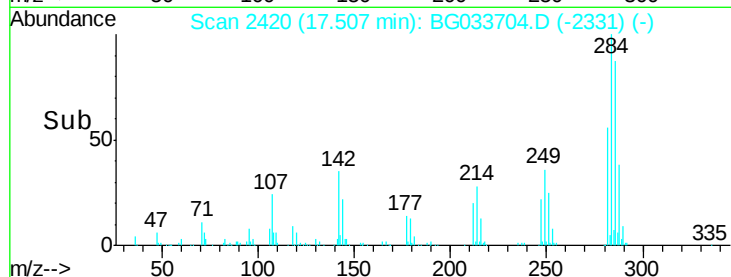
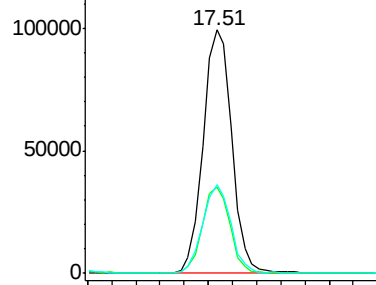
Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.5	26.8	40.2
249	36.3	26.3	39.5

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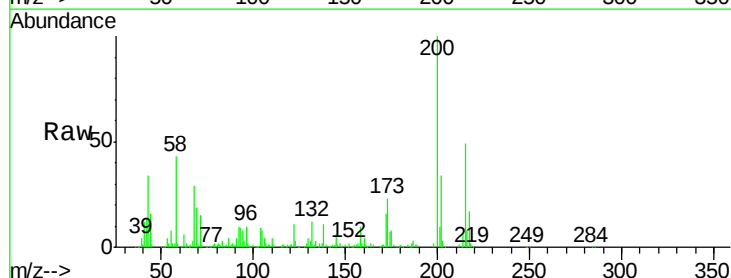


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

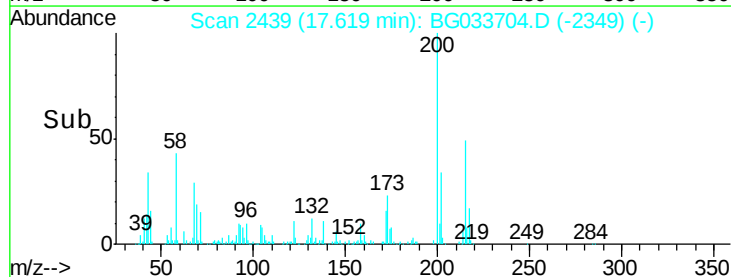
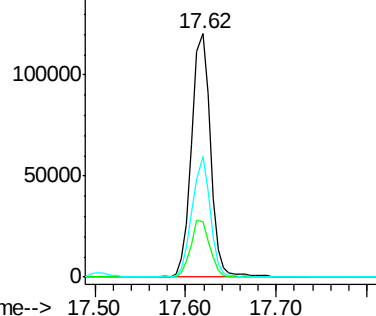


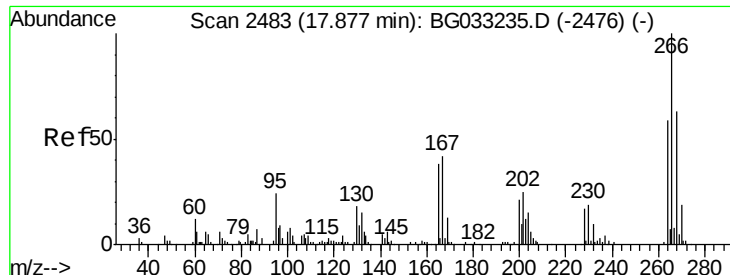
#68
Atrazine
Concen: 48.424 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.8	5.2	45.2
215	49.4	30.4	70.4



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





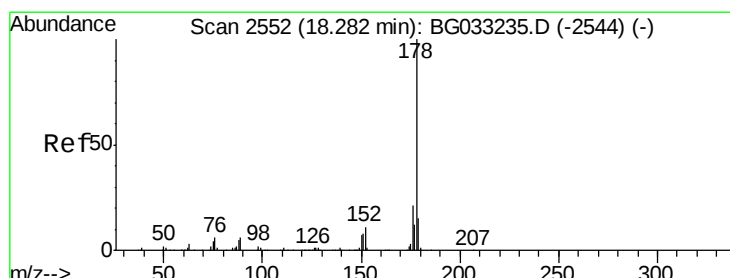
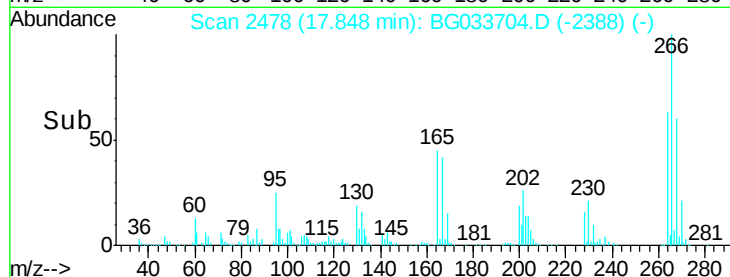
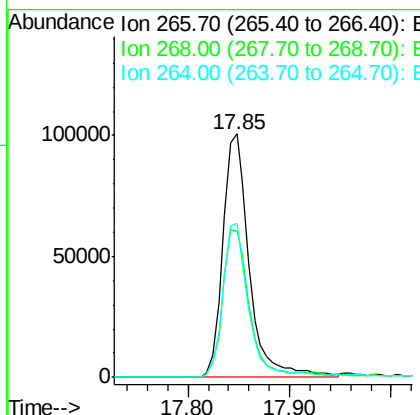
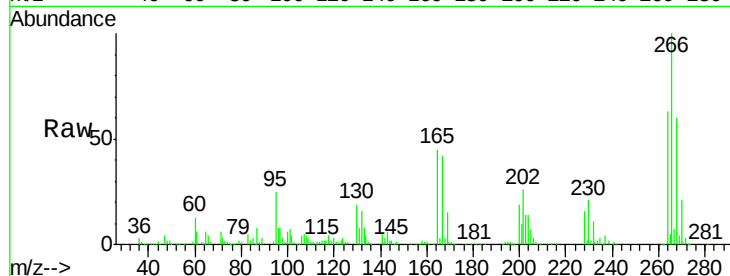
#69
 Pentachlorophenol
 Concen: 69.618 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182003		
268	60.4	51.1	76.7	
264	63.1	49.6	74.4	

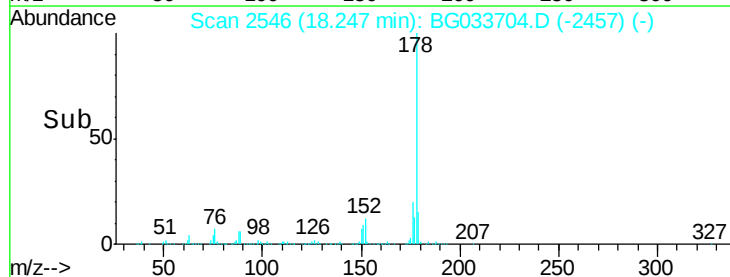
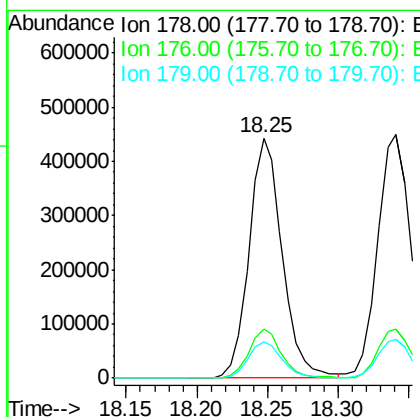
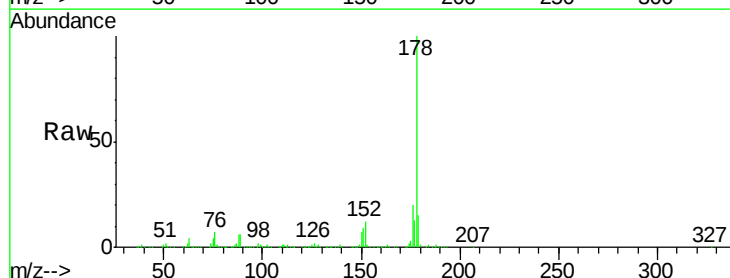
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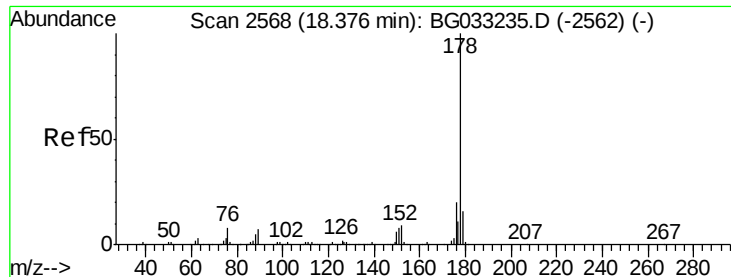
Sohil
 4/10/2018 3:36:56 PM



#70
 Phenanthrene
 Concen: 45.614 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	730056		
176	20.4	15.7	23.5	
179	15.3	12.5	18.7	





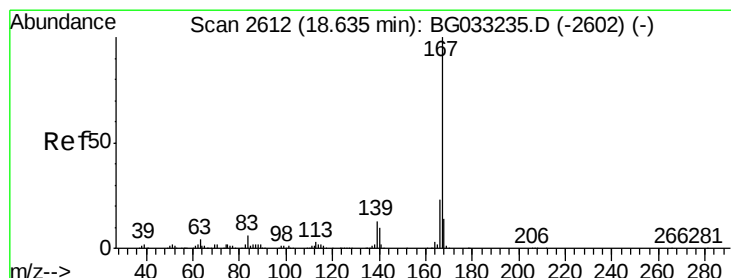
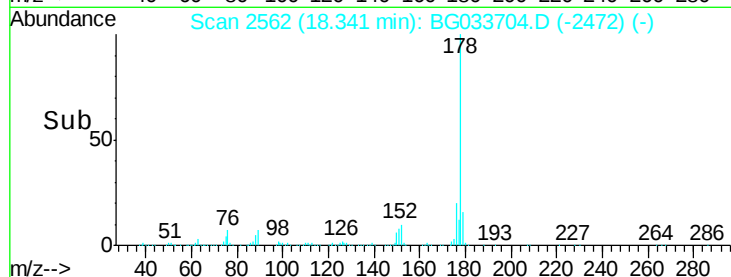
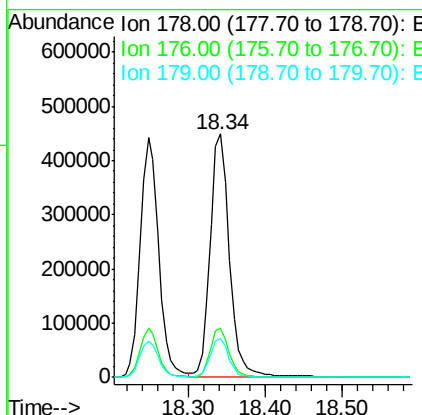
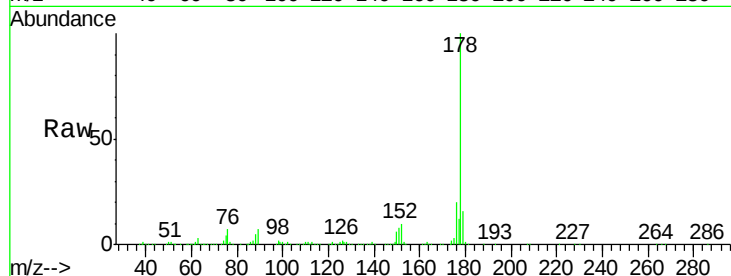
#71
 Anthracene
 Concen: 47.652 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion:178	Resp:	772233
Ion Ratio	Lower	Upper
178 100		
176 20.1	16.0	24.0
179 15.7	12.5	18.7

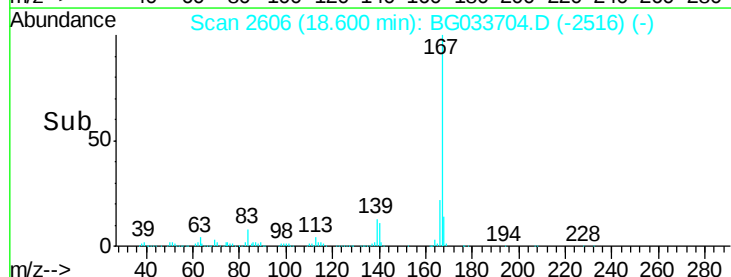
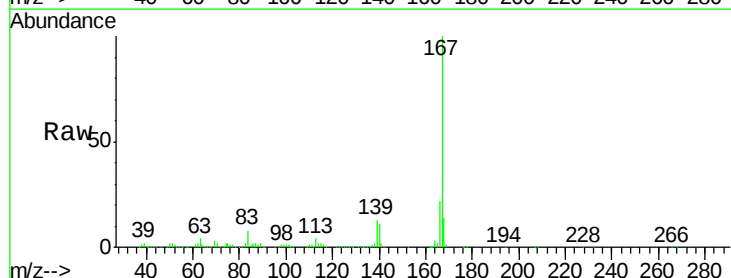
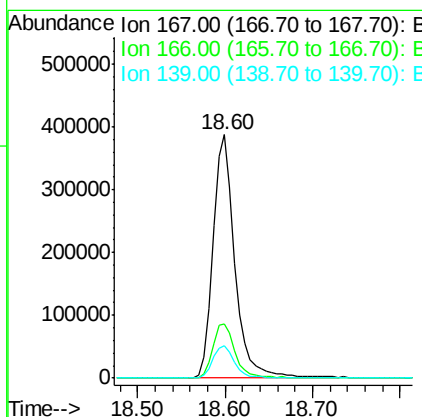
Manual Integrations
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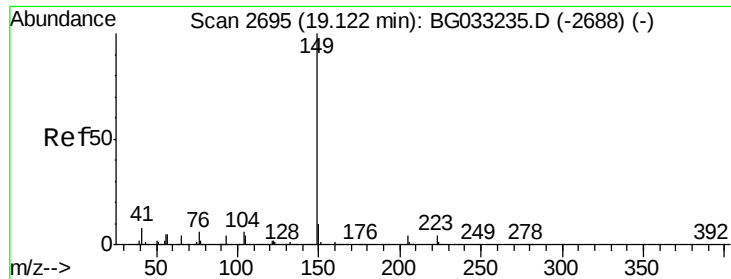
Sohil
 4/10/2018 3:36:56 PM



#72
 Carbazole
 Concen: 46.754 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion:167	Resp:	671409
Ion Ratio	Lower	Upper
167 100		
166 22.4	18.2	27.4
139 13.4	9.4	14.2





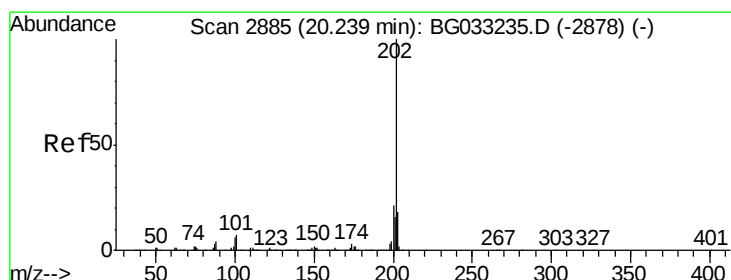
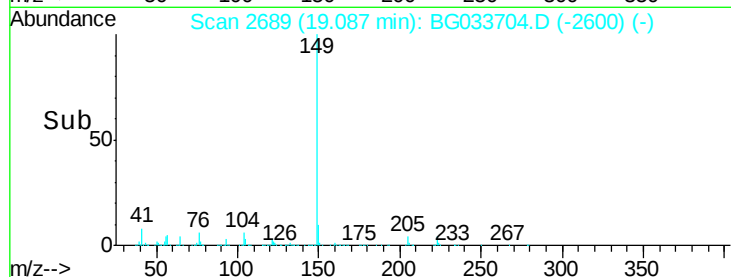
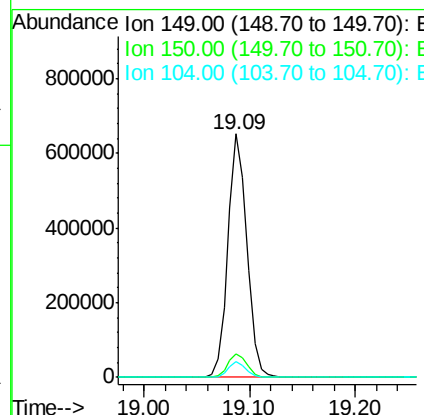
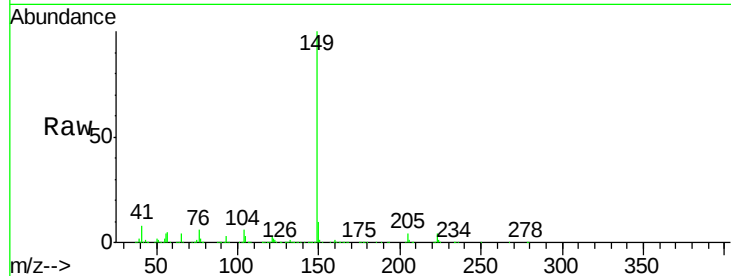
#73
Di-n-butylphthalate
Concen: 48.715 ng
RT: 19.09 min Scan# 2689
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	814270		
150	9.9	7.8	11.6	
104	6.5	3.9	5.9	

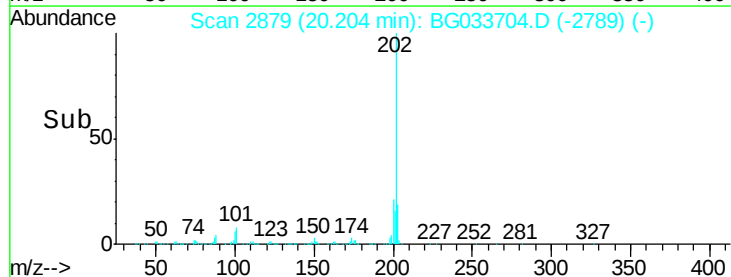
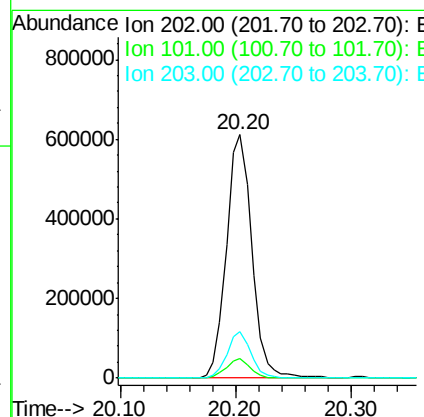
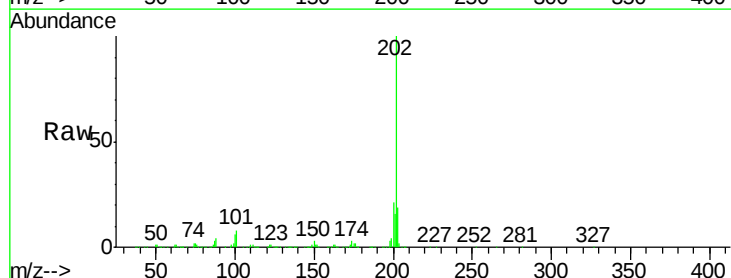
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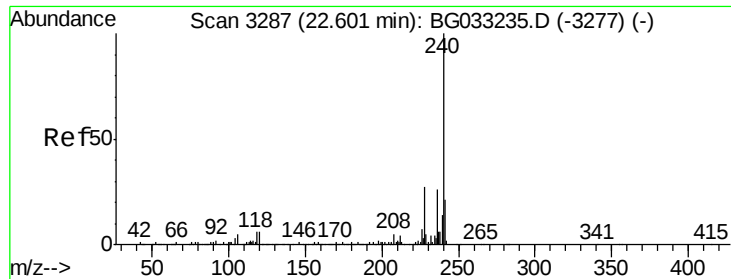
Sohil
4/10/2018 3:36:56 PM



#74
Fluoranthene
Concen: 47.157 ng
RT: 20.20 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	934004		
101	8.1	0.0	28.9	
203	18.9	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

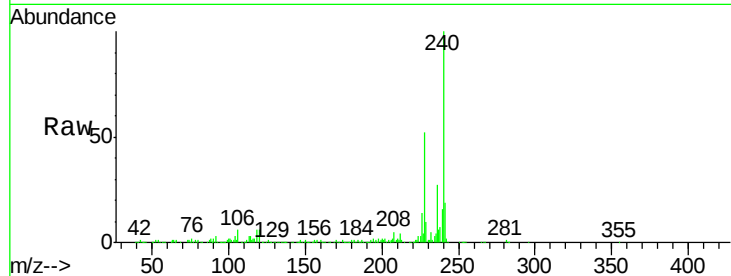
ClientSampleId :

PB108088BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	27.4	20.9	31.3

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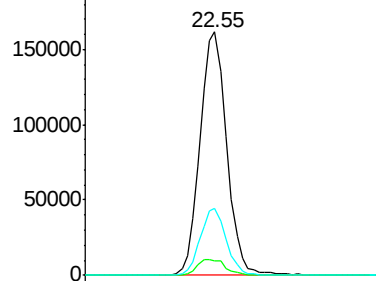
Sohil
4/10/2018 3:36:56 PM



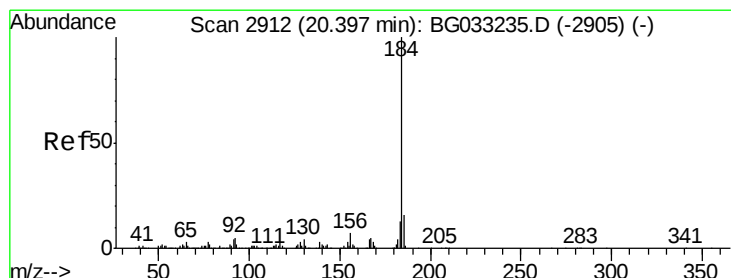
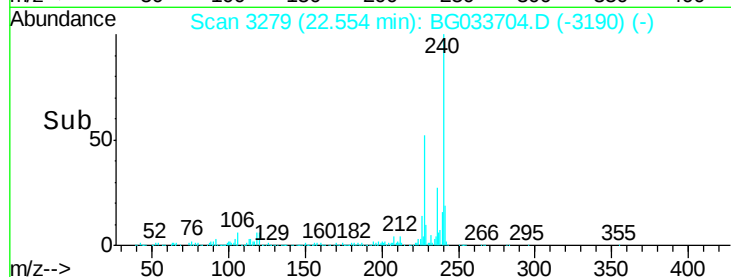
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 26.047 ng

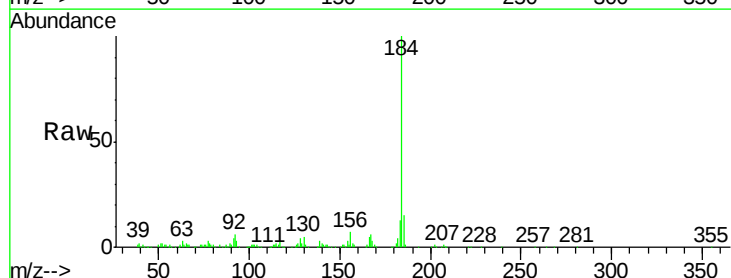
RT: 20.36 min Scan# 2906

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

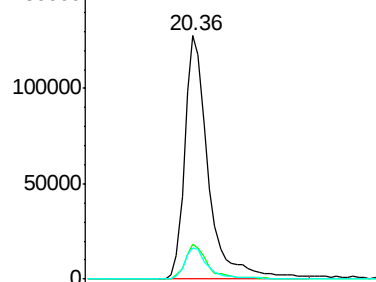
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	12.9	10.6	16.0



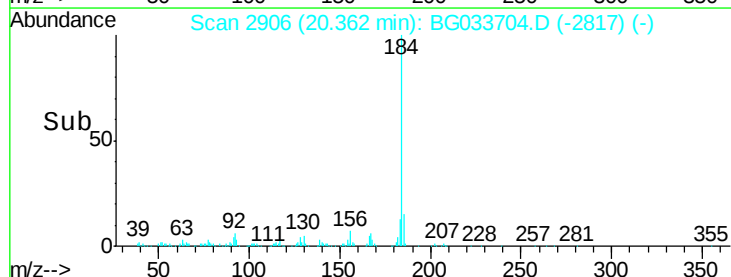
Abundance Ion 184.00 (183.70 to 184.70): E

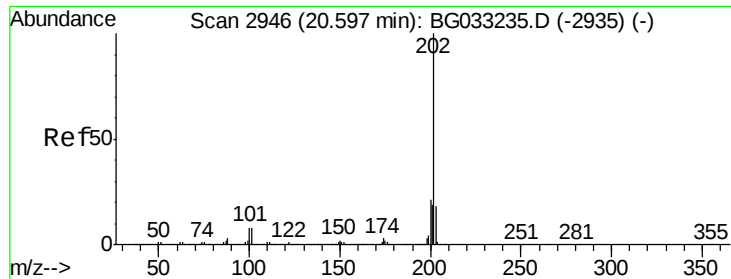
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





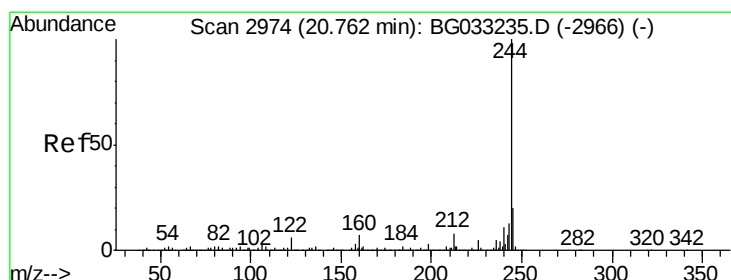
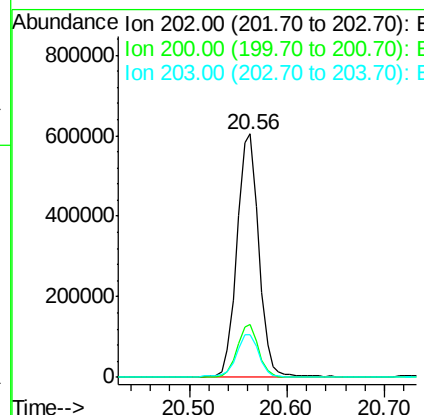
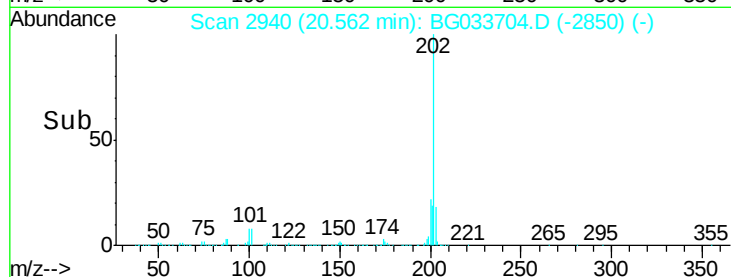
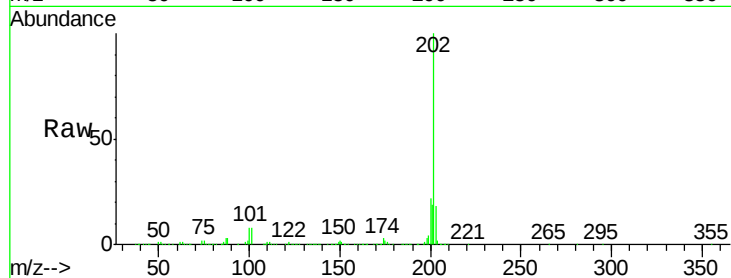
#77
Pvrene
Concen: 44.169 ng
RT: 20.56 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.8	13.9	20.9

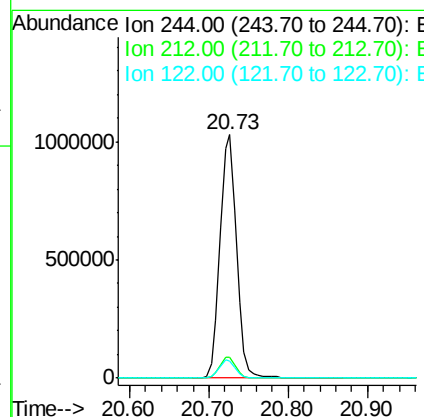
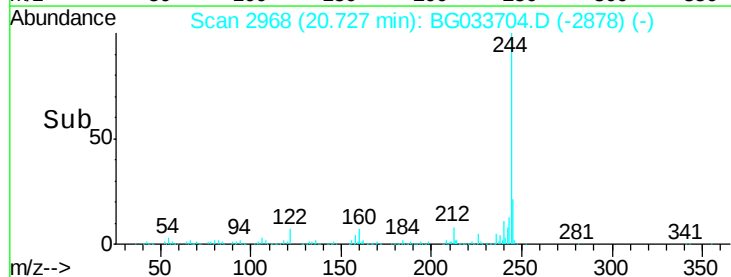
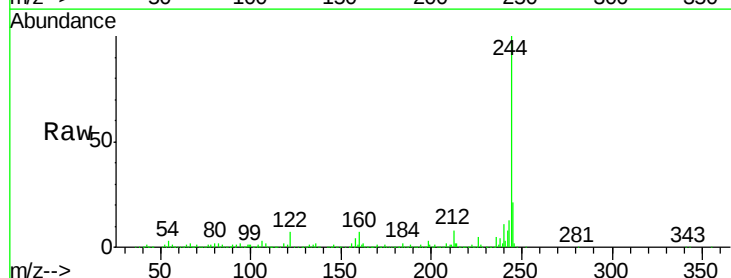
Manual Integrations
APPROVED

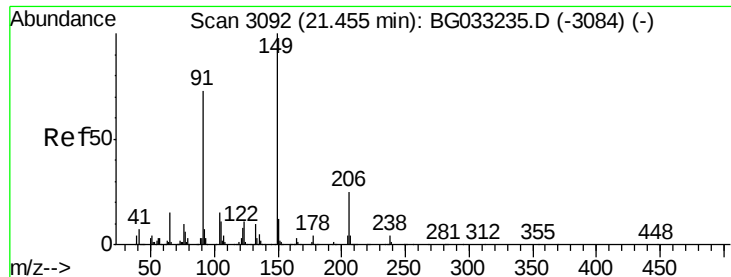
Sohil
4/10/2018 3:36:56 PM



#78
Terphenyl-d14
Concen: 99.393 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 47.978 ng

RT: 21.41 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

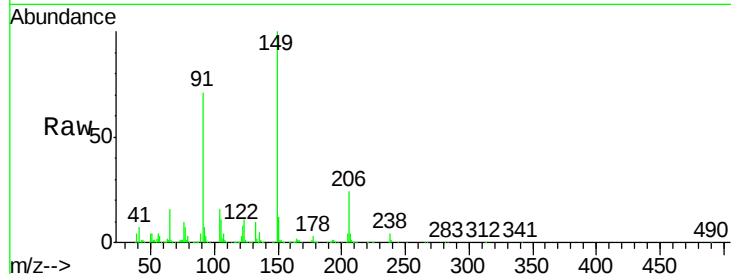
ClientSampleId :

PB108088BS

Tot Ion:	149	Resp:	377197
Ion Ratio	Lower	Upper	
149	100		
91	71.1	62.2	93.2
206	23.5	18.6	27.8

Manual Integrations
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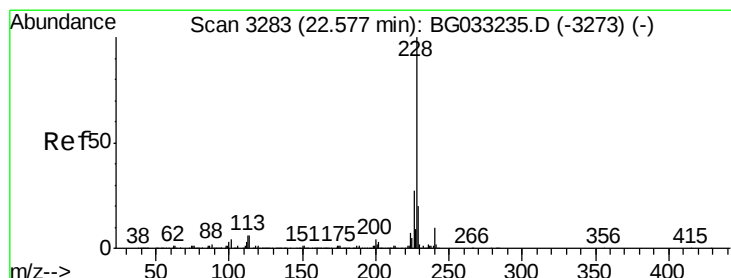
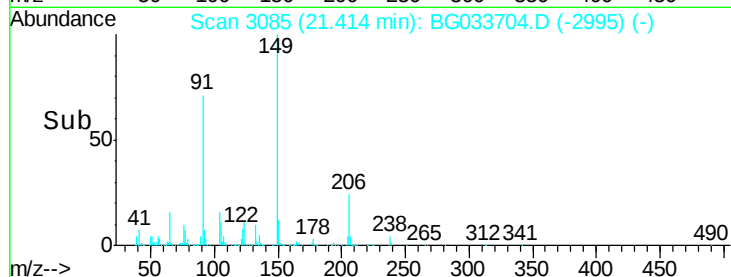
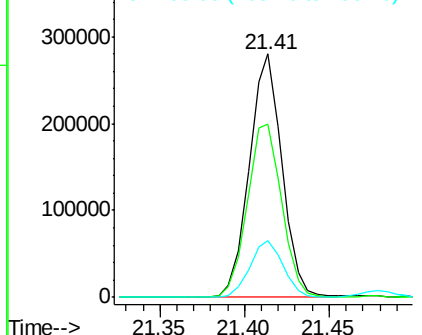
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.637 ng

RT: 22.53 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BG033704.D

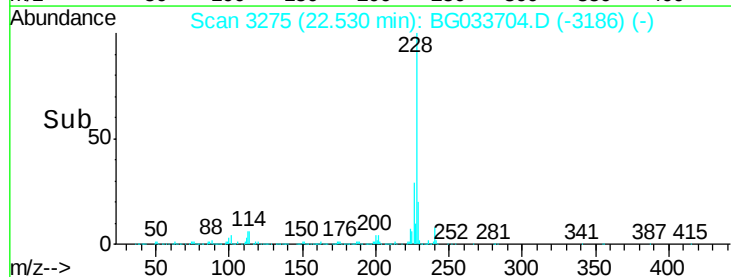
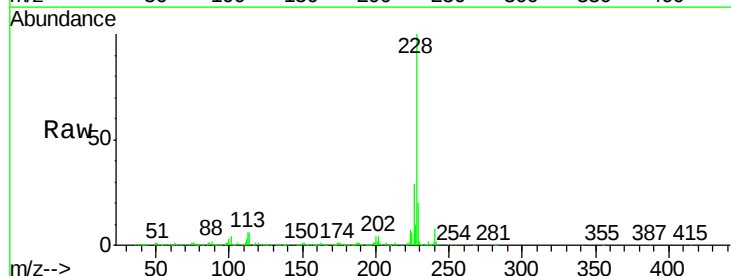
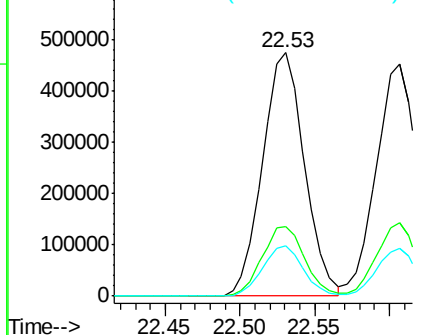
Acq: 10 Apr 2018 7:03

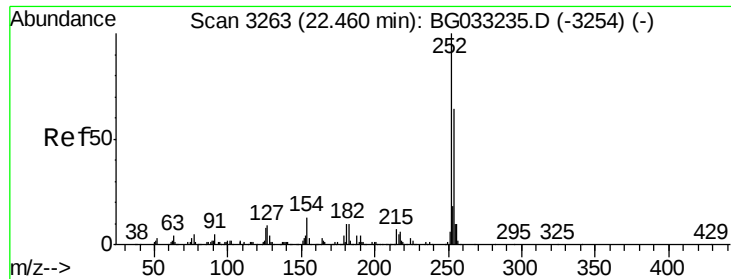
Tgt Ion:	228	Resp:	928274
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.7	34.1
229	20.5	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





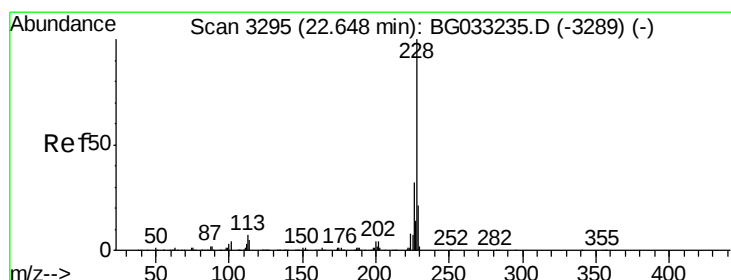
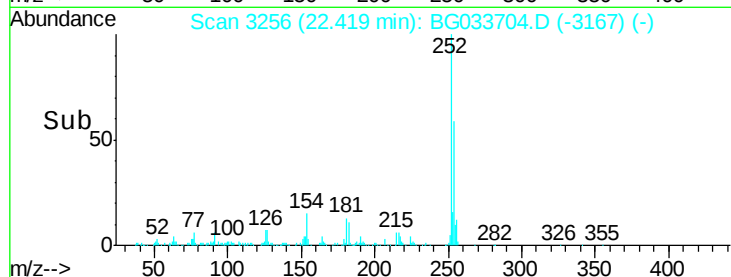
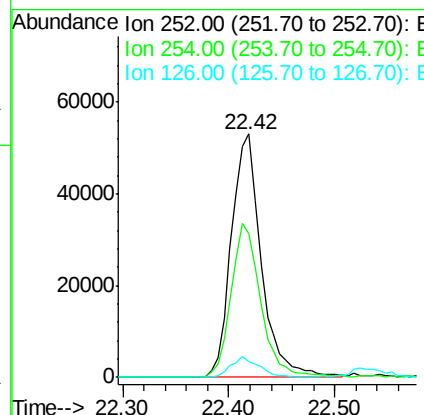
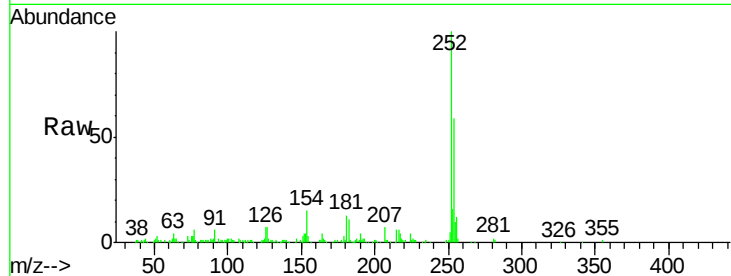
#81
 3,3'-Dichlorobenzidine
 Concen: 14.336 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	59.0	50.8	76.2
126	6.5	7.4	11.2

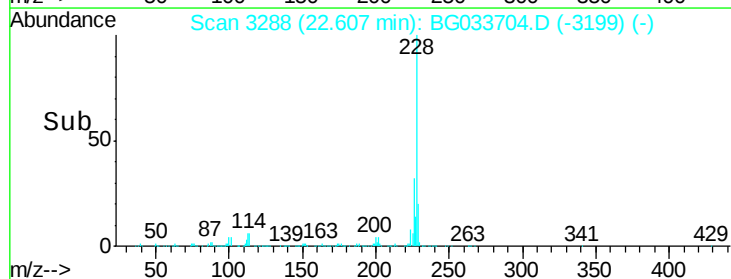
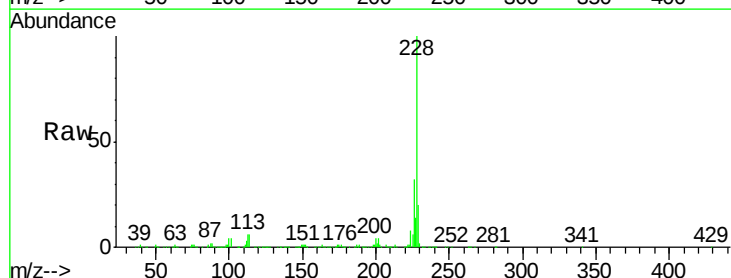
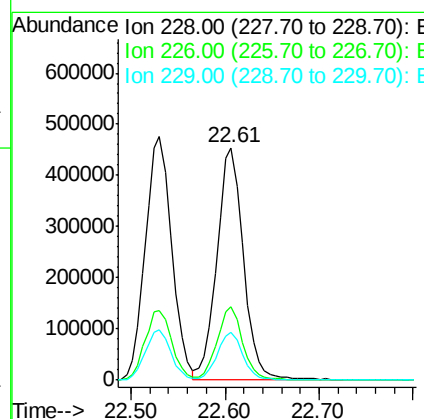
Manual Integrations
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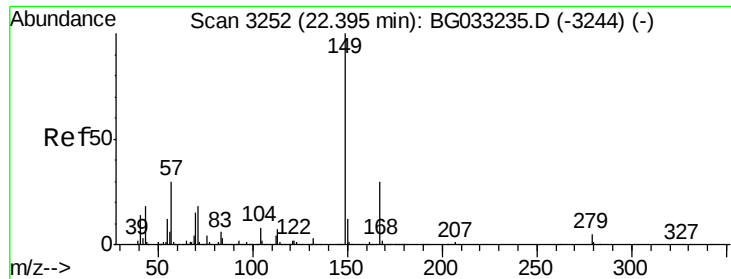
Sohil
 4/10/2018 3:36:56 PM



#82
 Chrysene
 Concen: 45.403 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.5	15.0	22.4





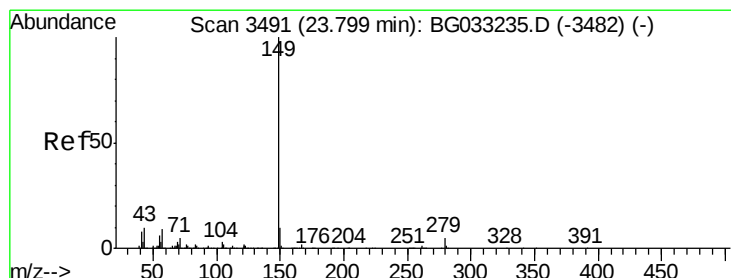
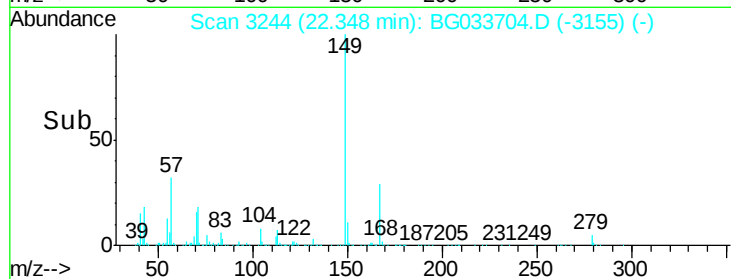
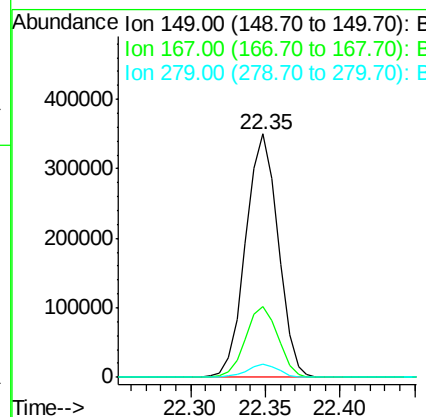
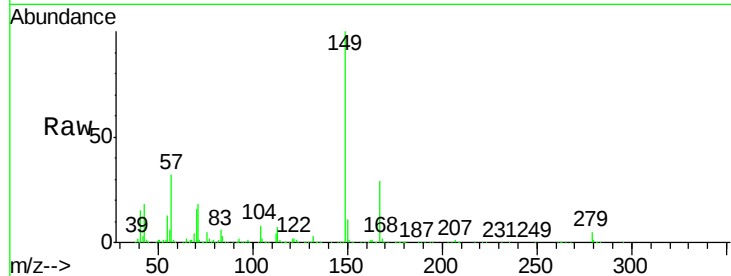
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.693 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.3	36.5
279	5.3	4.0	6.0

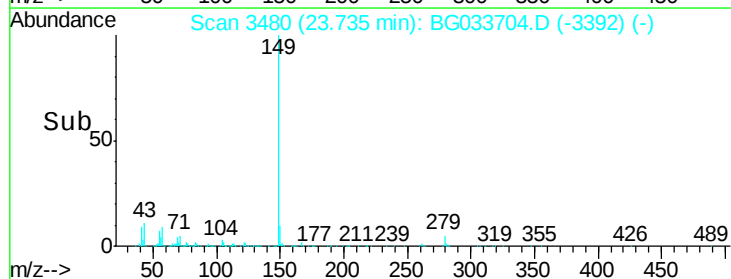
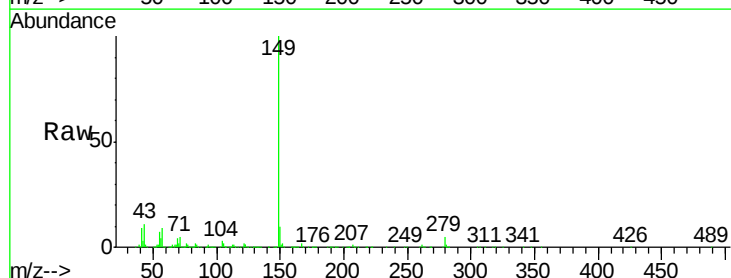
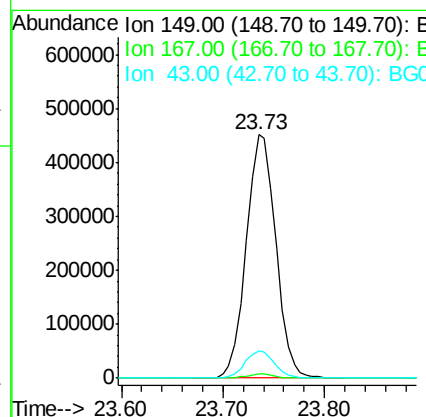
Manual Integrations
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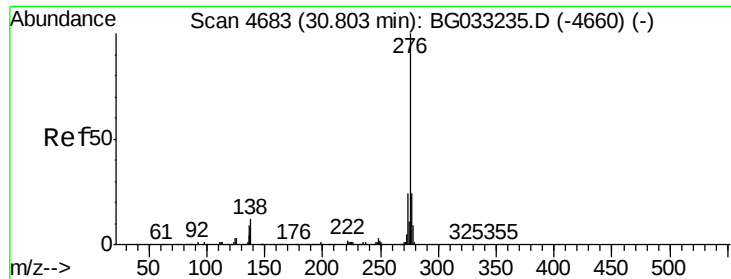
Sohil
 4/10/2018 3:36:56 PM



#84
 Di-n-octyl phthalate
 Concen: 54.807 ng
 RT: 23.73 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.0	8.9	13.3





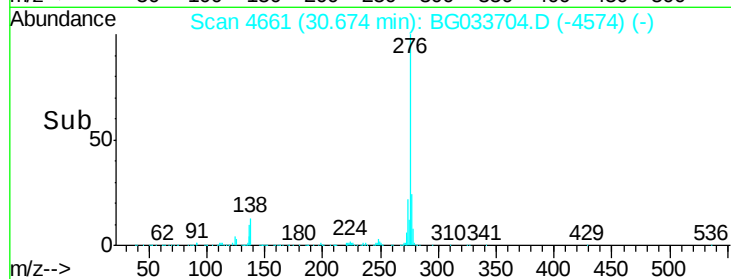
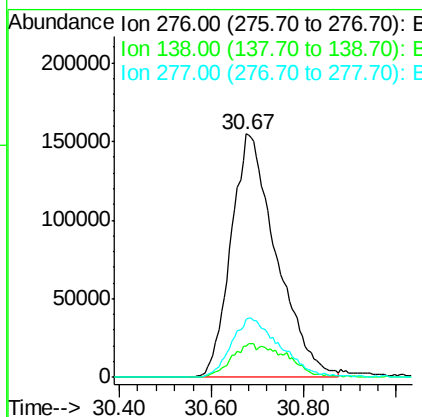
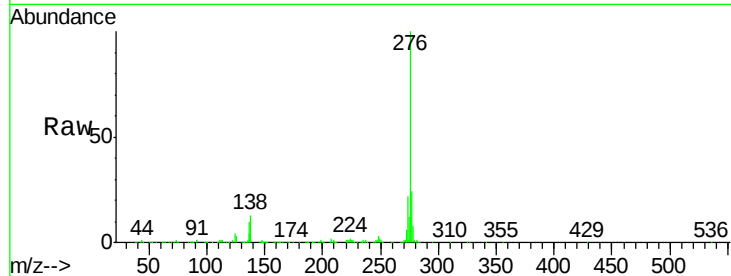
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.634 ng
 RT: 30.67 min Scan# 4661
 Delta R.T. -0.02 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	16.0	24.0#
277	26.0	20.0	30.0

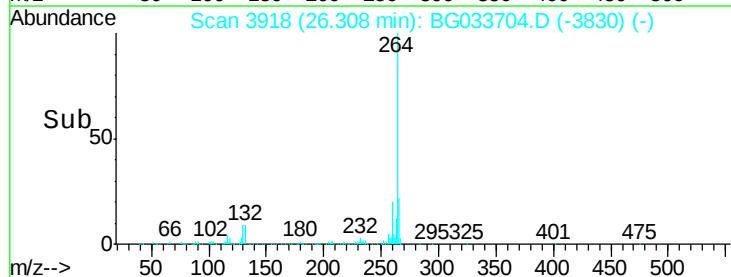
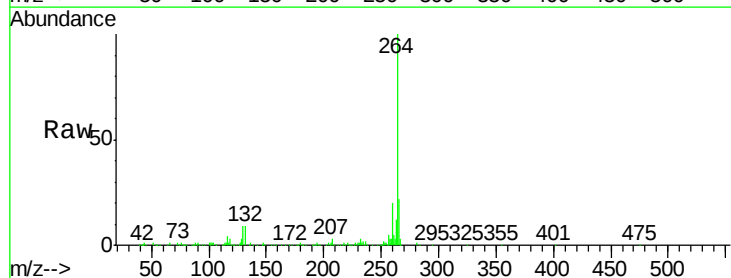
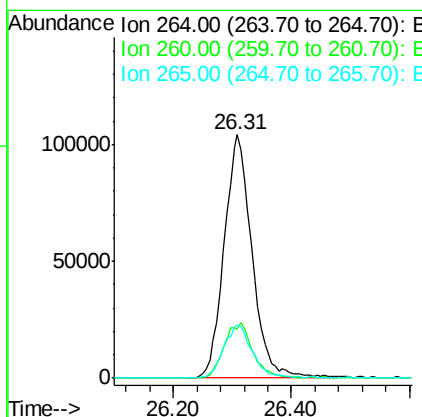
Manual Integrations
 APPROVED

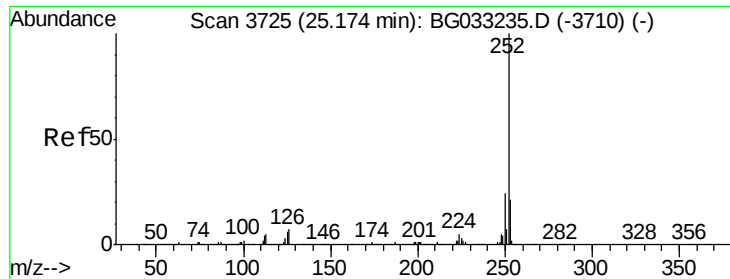
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.0	17.4	26.0
265	21.9	17.7	26.5





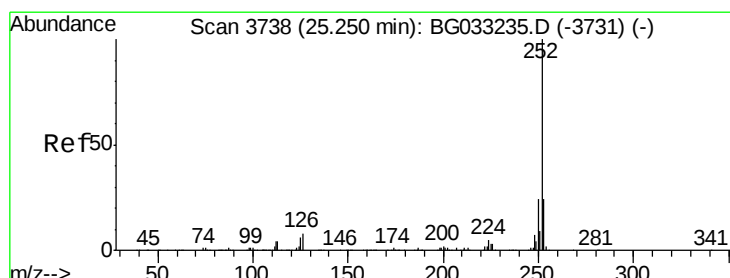
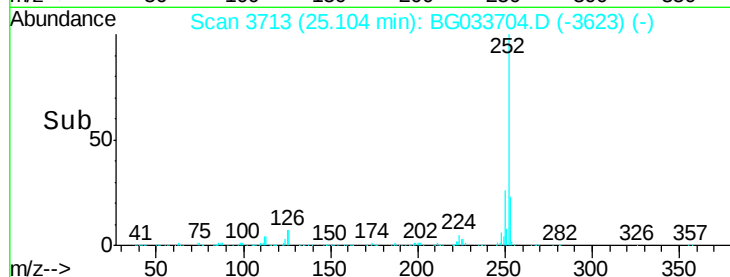
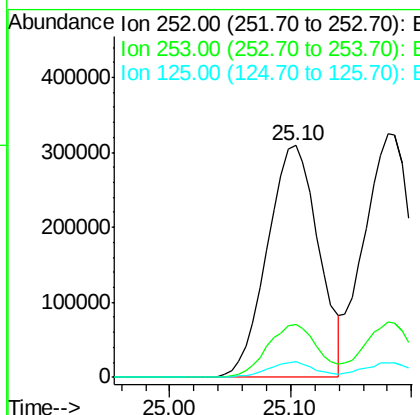
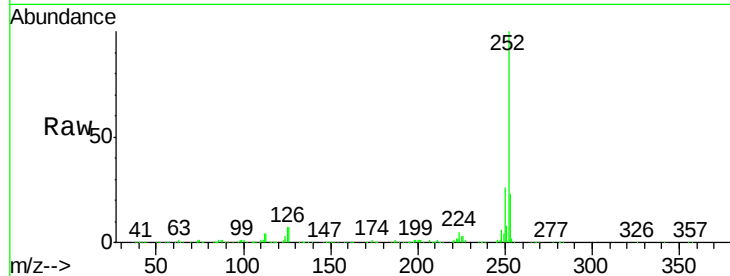
#87
Benzo(b)fluoranthene
Concen: 45.903 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.00 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Instrument :
BNA_G
ClientSampleId :
PB108088BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.9	7.2	10.8

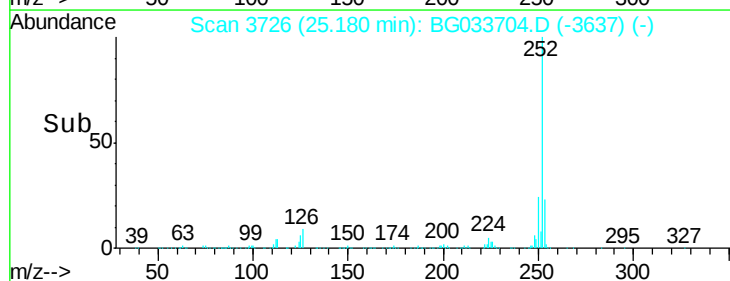
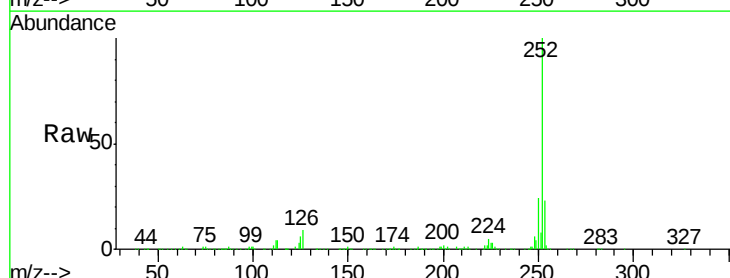
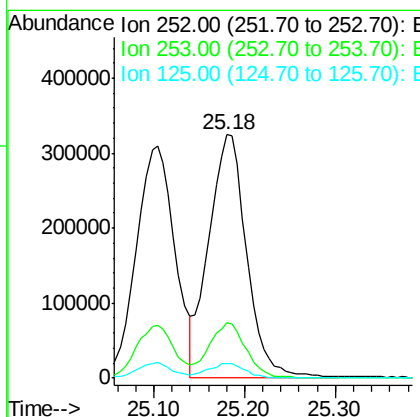
Manual Integrations
APPROVED

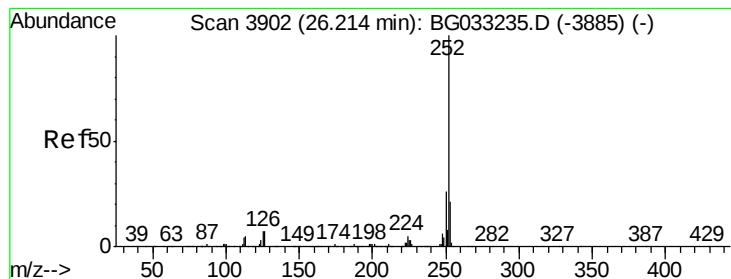
Sohil
4/10/2018 3:36:56 PM



#88
Benzo(k)fluoranthene
Concen: 46.869 ng m
RT: 25.18 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG033704.D
Acq: 10 Apr 2018 7:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	6.2	6.6	9.8





#89

Benzo(a)pyrene

Concen: 47.963 ng

RT: 26.13 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Instrument :

BNA_G

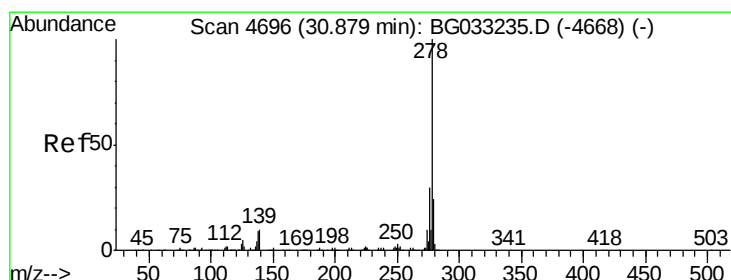
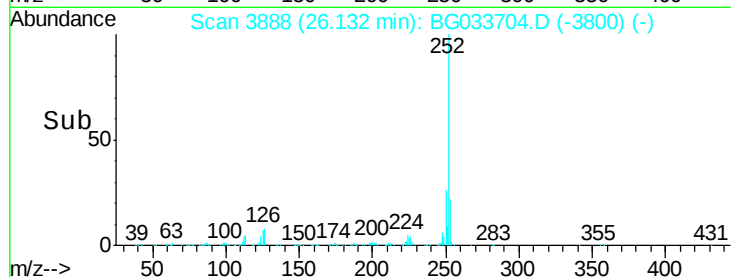
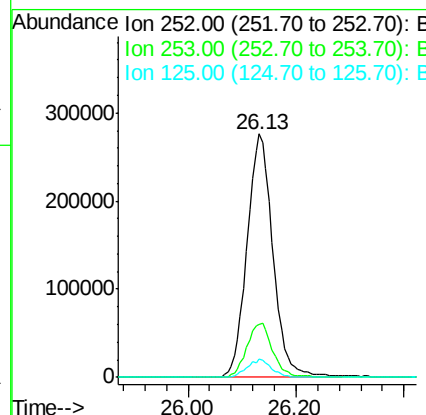
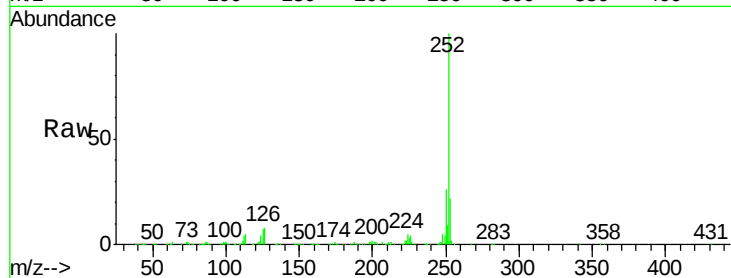
ClientSampleId :

PB108088BS

Tot Ion:	252	Resp:	912447
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.3	27.5
125	7.4	7.3	10.9

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 49.115 ng

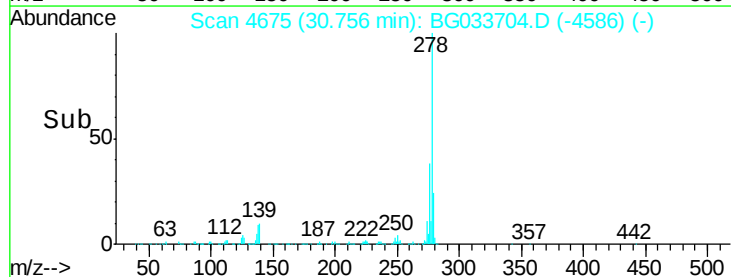
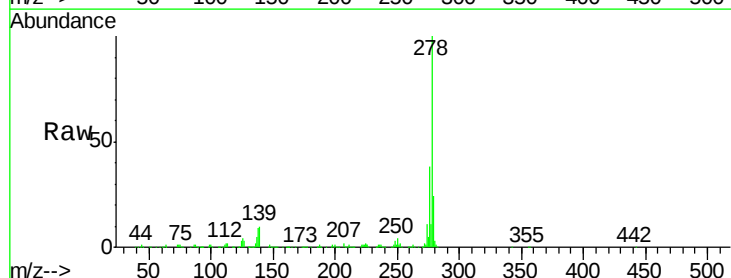
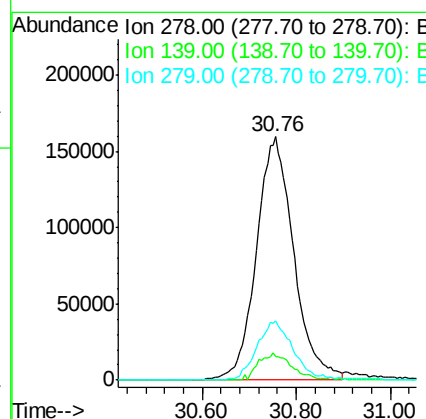
RT: 30.76 min Scan# 4675

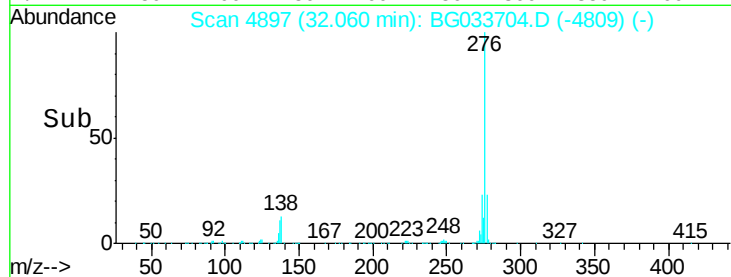
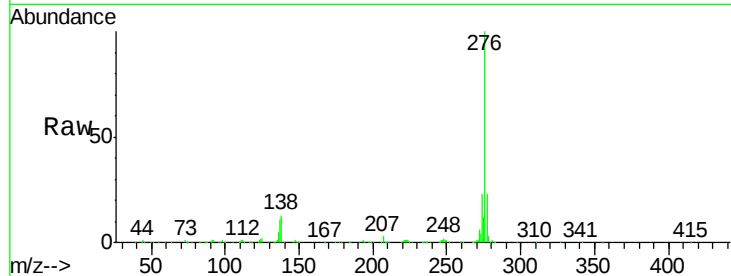
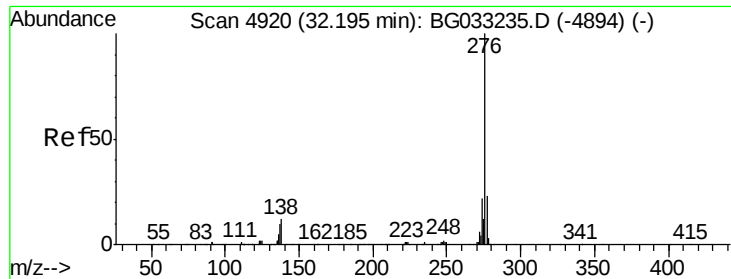
Delta R.T. -0.01 min

Lab File: BG033704.D

Acq: 10 Apr 2018 7:03

Tgt Ion:	278	Resp:	880128
Ion Ratio	Lower	Upper	
278	100		
139	9.5	9.8	14.6#
279	24.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.258 ng
 RT: 32.06 min Scan# 4897
 Delta R.T. -0.01 min
 Lab File: BG033704.D
 Acq: 10 Apr 2018 7:03

Instrument :
 BNA_G
 ClientSampleId :
 PB108088BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	13.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 4/10/2018 3:36:56 PM

