

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033512.D
 Acq On : 3 Apr 2018 6:39
 Operator : SJ/JU
 Sample : PB107894BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Manual Integrations
 APPROVED

Sohil
 4/3/2018 12:08:16 PM

Quant Time: Apr 03 07:58:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35906	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	150864	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	117319	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316040	20.00	ng	0.00
75) Chrysene-d12	22.55	240	321464	20.00	ng	0.00
86) Perylene-d12	26.31	264	354017	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	279941	146.19	ng	0.00
7) Phenol-d6	7.98	99	433650	131.80	ng	0.00
23) Nitrobenzene-d5	10.06	82	277383	84.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	220969	125.93	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	678806	83.53	ng	0.00
78) Terphenyl-d14	20.73	244	1274039	84.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	34061	35.026	ng	92
3) Pyridine	4.38	79	94414	35.122	ng	97
4) n-Nitrosodimethylamine	4.29	42	47190	42.777	ng	# 85
6) Aniline	8.15	93	45898	11.863	ng	96
8) 2-Chlorophenol	8.41	128	97127	44.368	ng	91
9) Benzaldehyde	7.96	77	36980	17.686	ng	92
10) Phenol	8.01	94	143822	44.275	ng	91
11) bis(2-Chloroethyl)ether	8.24	93	87684	33.070	ng	92
12) 1,3-Dichlorobenzene	8.75	146	103717m	36.239	ng	
13) 1,4-Dichlorobenzene	8.90	146	104645	36.509	ng	98
14) 1,2-Dichlorobenzene	9.23	146	101512	36.287	ng	99
15) Benzyl Alcohol	9.10	79	107755	41.597	ng	87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	165061	38.187	ng	85
17) 2-Methylphenol	9.30	107	89471	40.432	ng	# 89
18) Hexachloroethane	9.98	117	41393	37.417	ng	96
19) n-Nitroso-di-n-propylamine	9.66	70	87128	36.139	ng	98
20) 3+4-Methylphenols	9.64	107	129798	41.196	ng	93
22) Acetophenone	9.70	105	162689	39.362	ng	# 97
24) Nitrobenzene	10.11	77	134597	38.296	ng	94
25) Isophorone	10.62	82	264928	41.570	ng	99
26) 2-Nitrophenol	10.83	139	57365	43.111	ng	# 92
27) 2,4-Dimethylphenol	10.87	122	96222	49.778	ng	84
28) bis(2-Chloroethoxy)methane	11.10	93	131940	41.493	ng	98
29) 2,4-Dichlorophenol	11.38	162	110587	46.519	ng	94
30) 1,2,4-Trichlorobenzene	11.60	180	115667	37.449	ng	93
31) Naphthalene	11.80	128	311294	39.819	ng	98
32) Benzoic acid	11.00	122	46768	26.026	ng	91
33) 4-Chloroaniline	11.91	127	36692	10.476	ng	# 86
34) Hexachlorobutadiene	12.05	225	83645	35.812	ng	96
35) Caprolactam	12.64	113	40067	43.022	ng	95
36) 4-Chloro-3-methylphenol	12.96	107	141505	45.639	ng	96
37) 2-Methylnaphthalene	13.35	142	242385	39.945	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	155850	36.674	ng	96
40) Hexachlorocyclopentadiene	13.67	237	189781	76.180	ng	94

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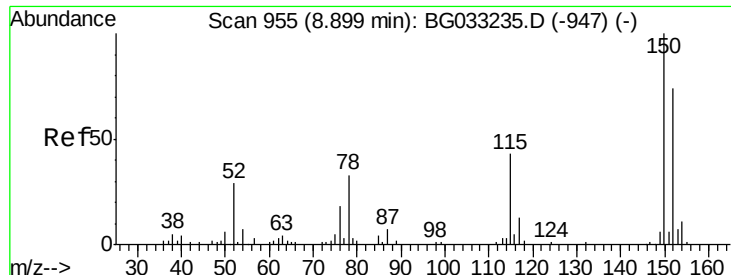
Manual Integrations
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Sohil
 4/3/2018 12:08:16 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107459	43.523	nq	92
43) 2,4,5-Trichlorophenol	14.00	196	120224	41.195	nq	95
45) 1,1'-Biphenyl	14.32	154	347167	38.517	nq	96
46) 2-Chloronaphthalene	14.38	162	268278	38.603	nq	98
47) 2-Nitroaniline	14.57	65	111813	42.954	nq	98
48) Acenaphthylene	15.21	152	447069	38.539	nq	99
49) Dimethylphthalate	14.90	163	396089	38.794	nq	99
50) 2,6-Dinitrotoluene	15.04	165	86366	41.370	nq	96
51) Acenaphthene	15.54	154	311579	41.665	nq	96
52) 3-Nitroaniline	15.38	138	37012	16.911	nq #	86
53) 2,4-Dinitrophenol	15.57	184	63743	60.971	nq #	81
54) Dibenzofuran	15.87	168	448969	40.645	nq	92
55) 4-Nitrophenol	15.67	139	124267	80.744	nq #	83
56) 2,4-Dinitrotoluene	15.81	165	128220	41.713	nq #	89
57) Fluorene	16.51	166	377950	40.163	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	122726m	44.669	nq	
59) Diethylphthalate	16.24	149	397380	40.082	nq	97
60) 4-Chlorophenyl-phenylether	16.49	204	210524	38.917	nq	96
61) 4-Nitroaniline	16.53	138	78721	35.517	nq #	85
62) Azobenzene	16.78	77	397960	41.438	nq	99
64) 4,6-Dinitro-2-methylphenol	16.57	198	59749	31.603	nq	98
65) n-Nitrosodiphenylamine	16.70	169	347992	38.569	nq	99
66) 4-Bromophenyl-phenylether	17.38	248	138616	37.347	nq #	90
67) Hexachlorobenzene	17.51	284	147422	37.636	nq	94
68) Atrazine	17.62	200	146909	40.182	nq	98
69) Pentachlorophenol	17.85	266	181575	67.537	nq	98
70) Phenanthrene	18.25	178	645014	39.188	nq	99
71) Anthracene	18.34	178	679459	40.770	nq	99
72) Carbazole	18.60	167	586431	39.710	nq #	96
73) Di-n-butylphthalate	19.09	149	700016	40.724	nq #	98
74) Fluoranthene	20.20	202	830339	40.766	nq	98
76) Benzidine	20.37	184	197040	22.602	nq	100
77) Pyrene	20.56	202	830752	38.748	nq	99
79) Butylbenzylphthalate	21.42	149	320888	40.558	nq	94
80) Benzo(a)anthracene	22.54	228	806542	39.402	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	129866	17.829	nq	98
82) Chrysene	22.61	228	764315	38.573	nq	96
83) Bis(2-ethylhexyl)phthalate	22.35	149	442934	40.612	nq	96
84) Di-n-octyl phthalate	23.75	149	764048	45.754	nq	99
85) Indeno(1,2,3-cd)pyrene	30.69	276	902570	42.131	nq #	86
87) Benzo(b)fluoranthene	25.11	252	799720	39.100	nq #	98
88) Benzo(k)fluoranthene	25.19	252	808066	39.063	nq #	98
89) Benzo(a)pyrene	26.14	252	793787	40.413	nq #	96
90) Dibenzo(a,h)anthracene	30.77	278	738287	39.903	nq #	97
91) Benzo(g,h,i)perylene	32.08	276	751421	41.014	nq	98

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



#1

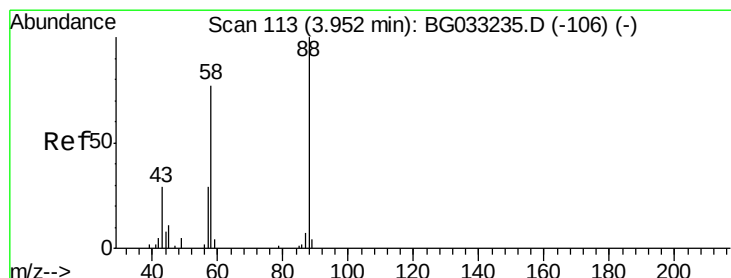
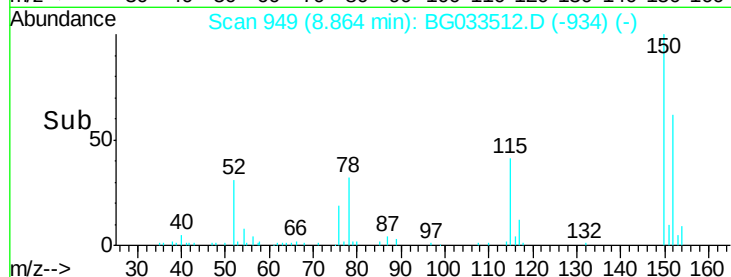
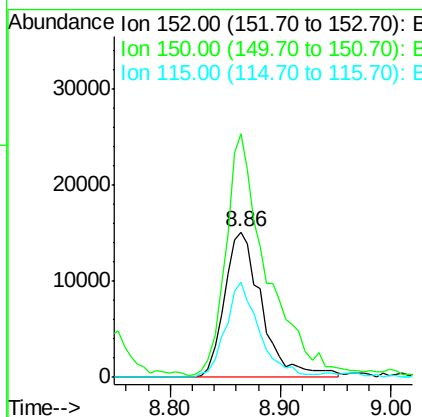
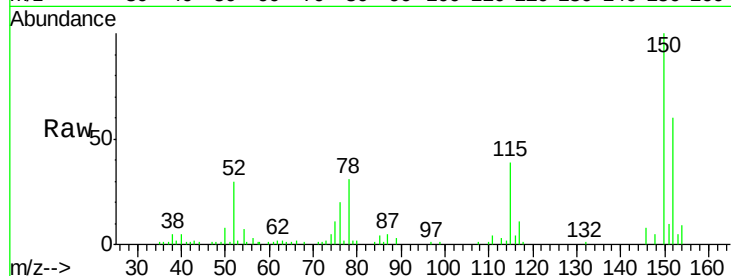
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.9	126.6	189.8
115	66.0	53.0	79.4

Manual Integrations
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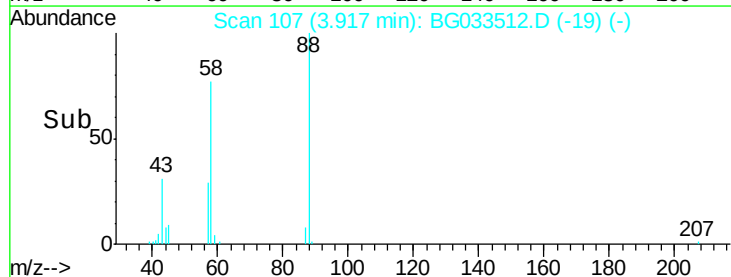
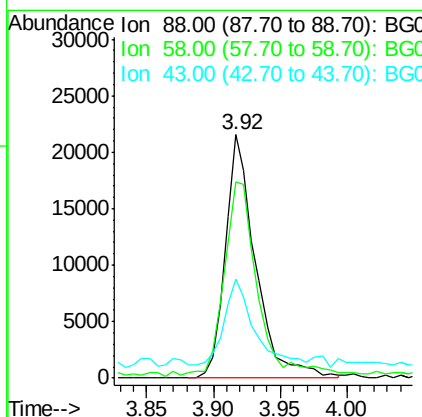
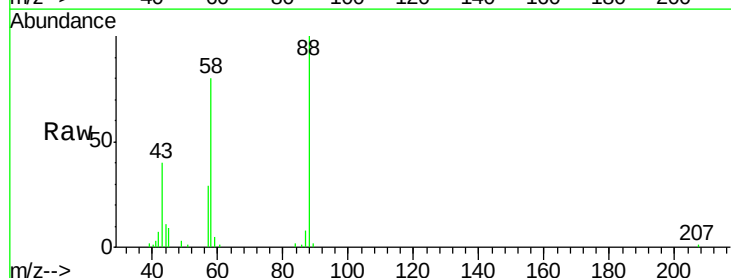
Sohil
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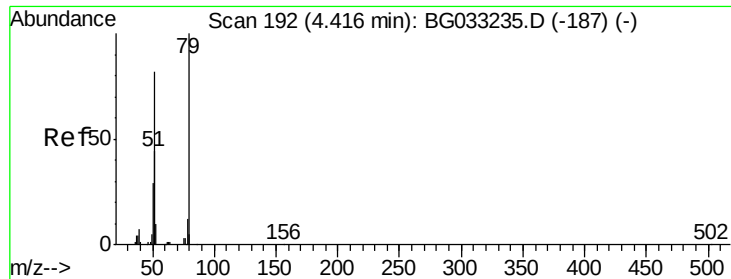


#2

1,4-Dioxane
Concen: 35.026 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	79.6	119.4
43	34.2	27.4	41.0





#3

Pvridine

Concen: 35.122 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

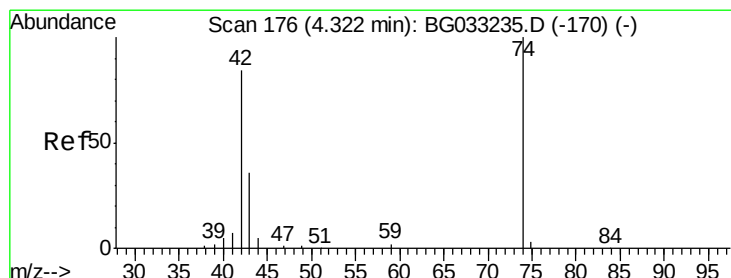
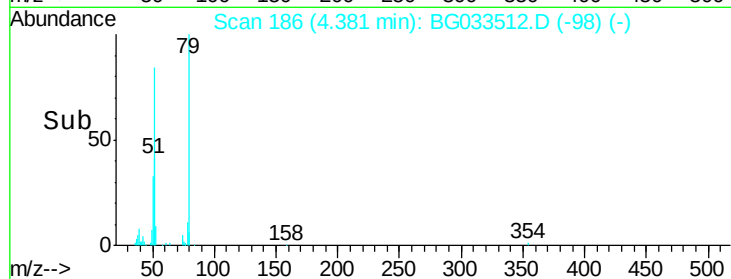
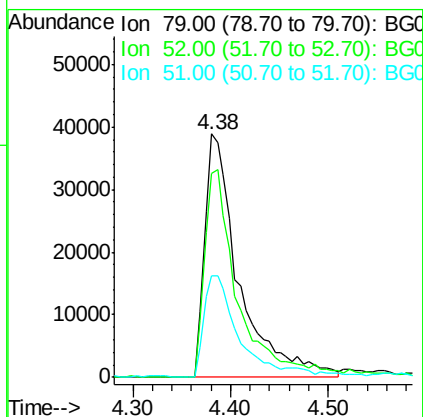
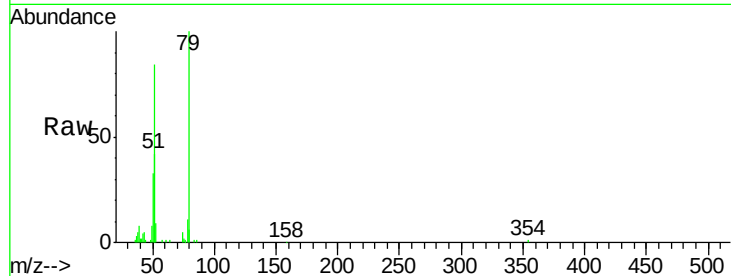
ClientSampled :

PB107894BS

Tot Ion:	79	Resp:	94414
Ion Ratio	Lower	Upper	
79	100		
52	83.8	69.9	104.9
51	41.9	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.777 ng

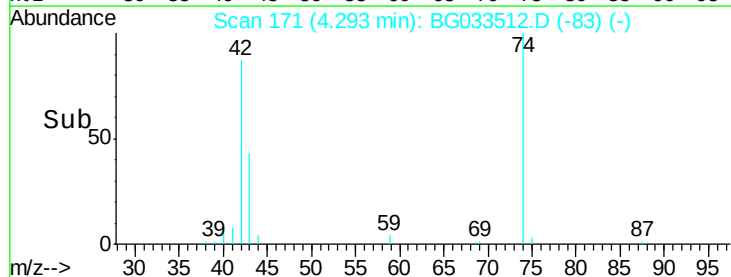
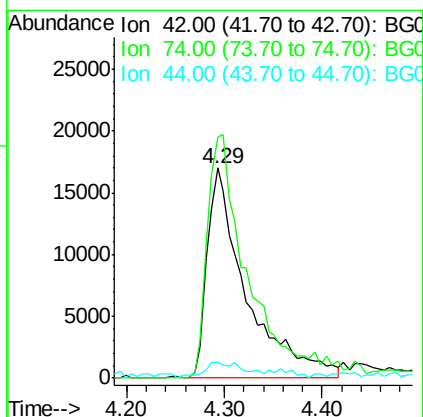
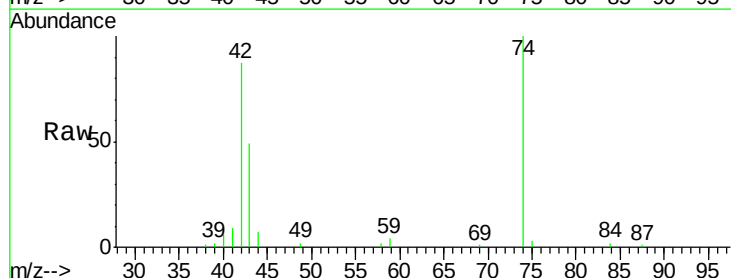
RT: 4.29 min Scan# 171

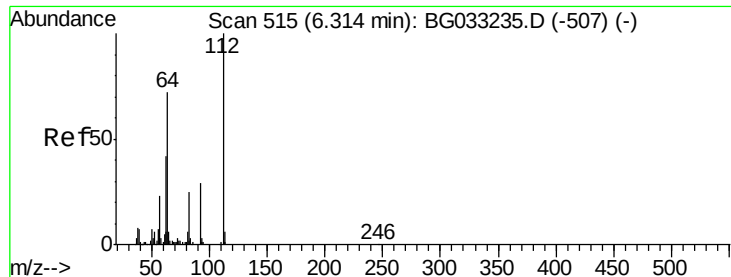
Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	42	Resp:	47190
Ion Ratio	Lower	Upper	
42	100		
74	115.0	102.5	153.7
44	7.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 146.194 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

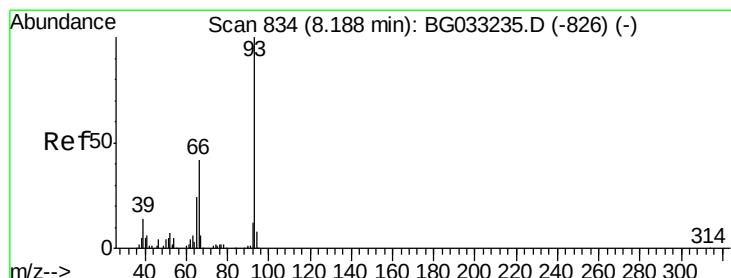
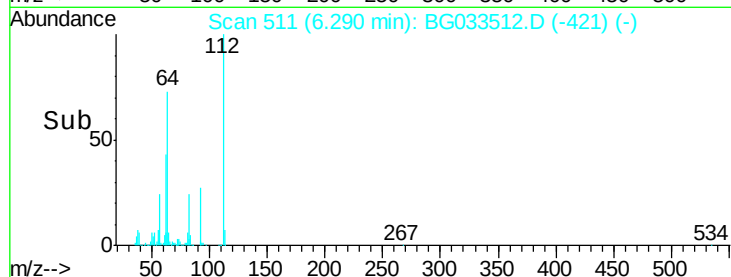
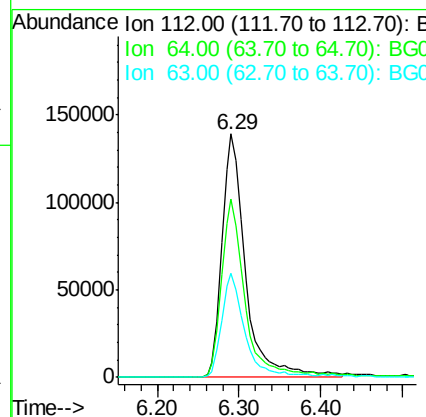
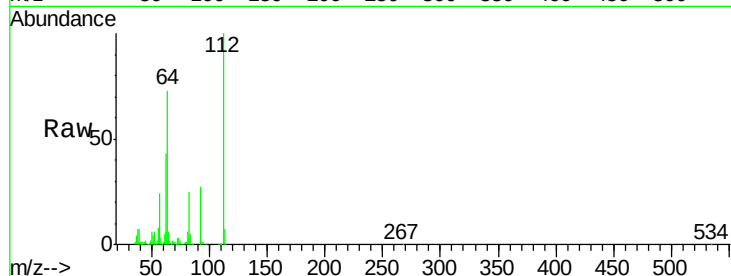
ClientSampleId :

PB107894BS

Tot Ion:	112	Resp:	279941
Ion Ratio	Lower	Upper	
112	100		
64	73.0	56.3	84.5
63	42.6	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 11.863 ng

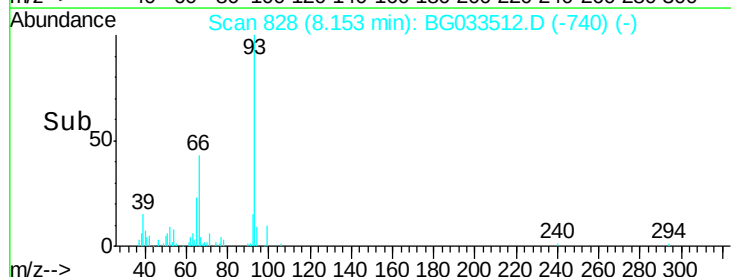
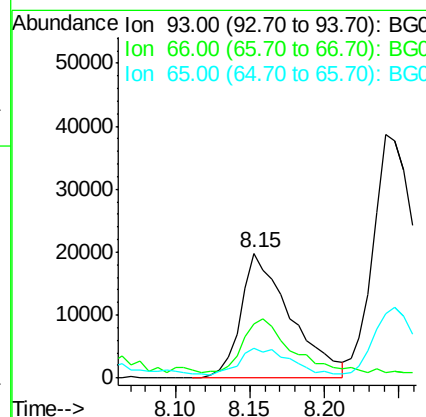
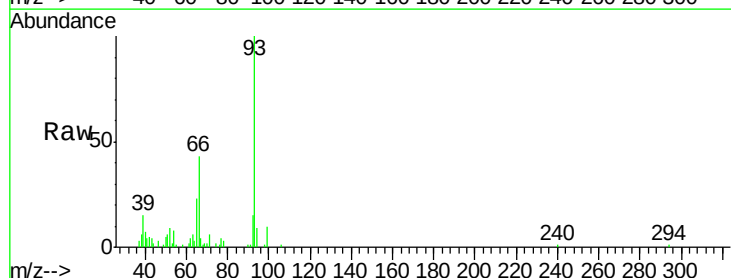
RT: 8.15 min Scan# 828

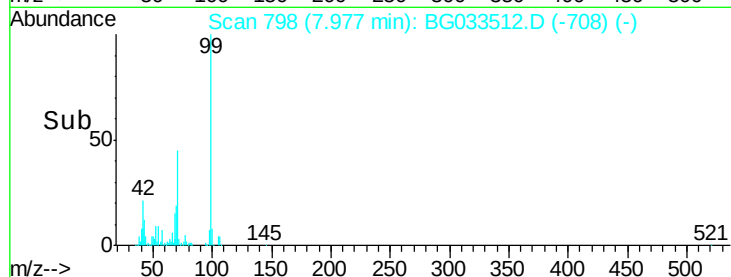
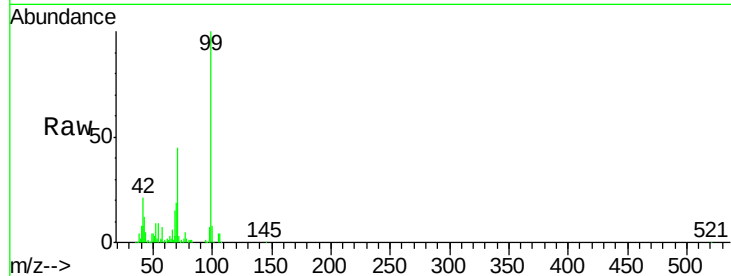
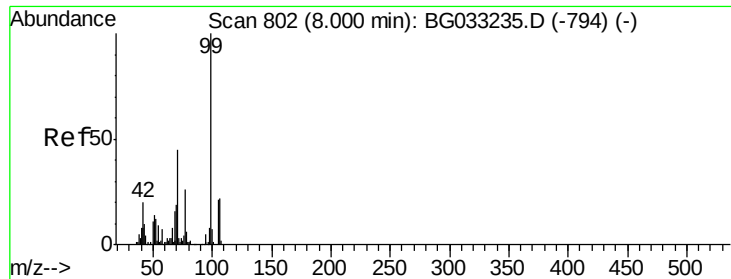
Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	93	Resp:	45898
Ion Ratio	Lower	Upper	
93	100		
66	43.2	33.7	50.5
65	23.5	16.1	24.1





#7

Phenol-d6

Concen: 131.803 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tot Ion:	99	Resp:	433650
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.1	21.1#
71	44.8	26.1	39.1#

Instrument :

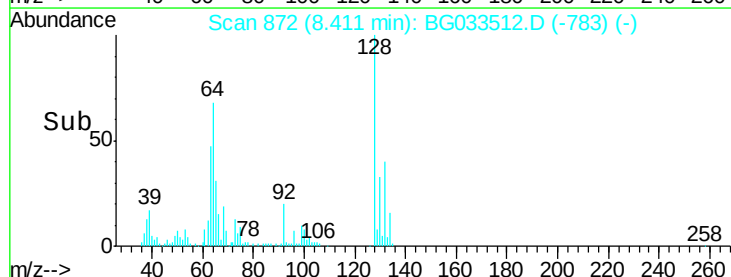
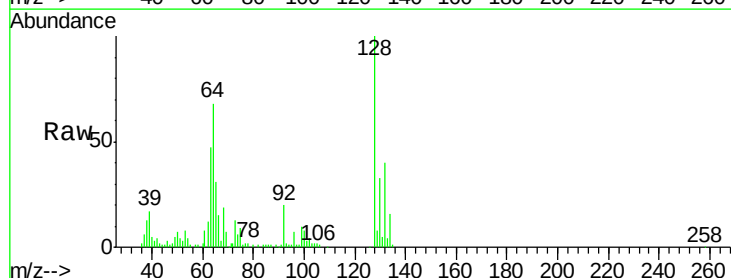
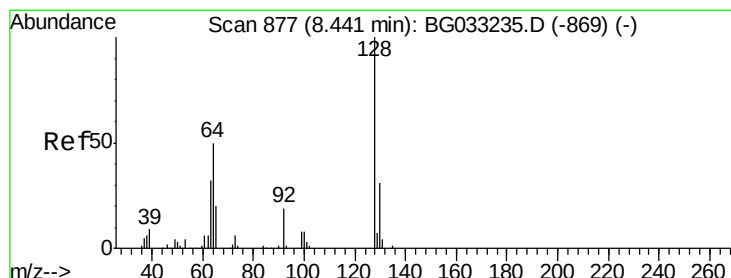
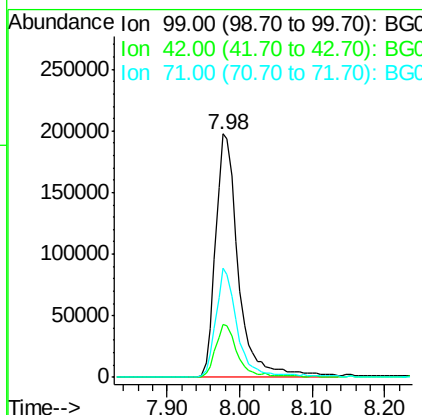
BNA_G

ClientSampled :

PB107894BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.368 ng

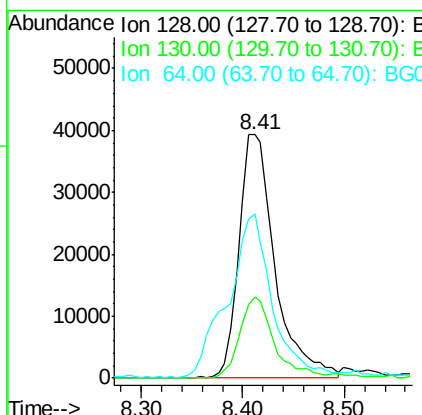
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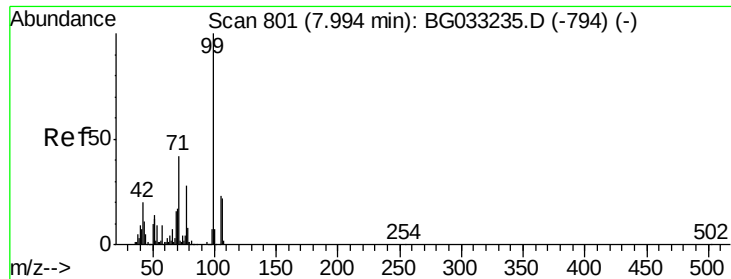
Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	128	Resp:	97127
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.0	54.0
64	67.6	37.7	77.7





#9

Benzaldehyde

Concen: 17.686 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

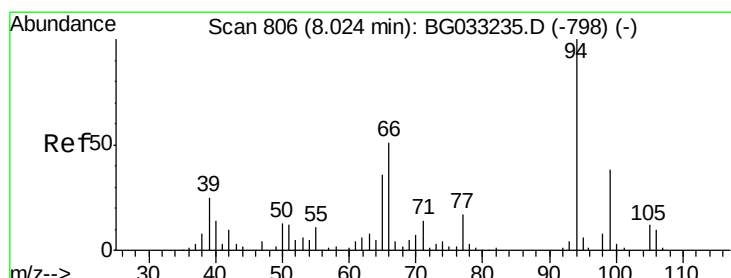
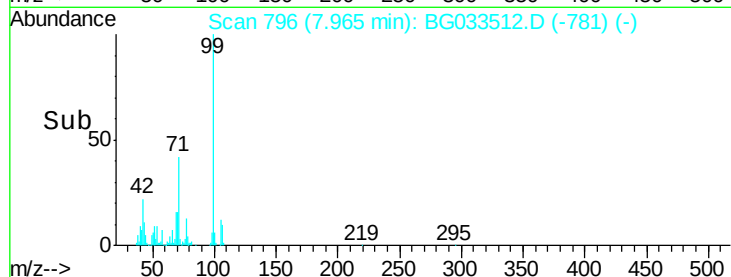
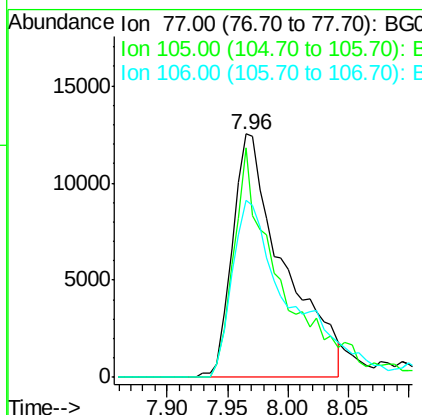
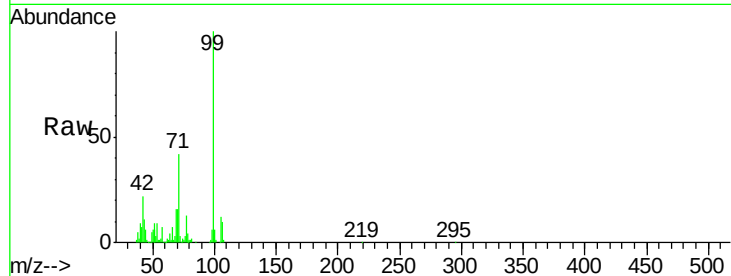
ClientSampleId :

PB107894BS

Tot Ion:	77	Resp:	36980
Ion	Ratio	Lower	Upper
77	100		
105	94.4	71.3	111.3
106	72.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 44.275 ng

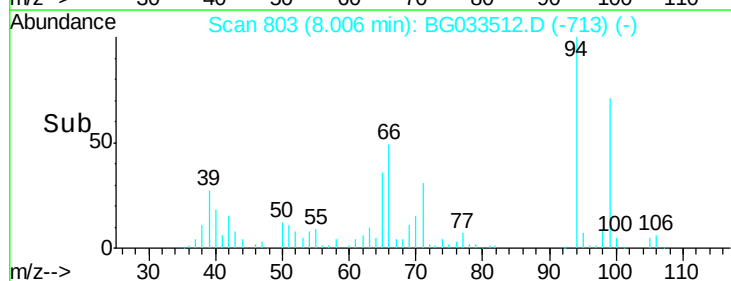
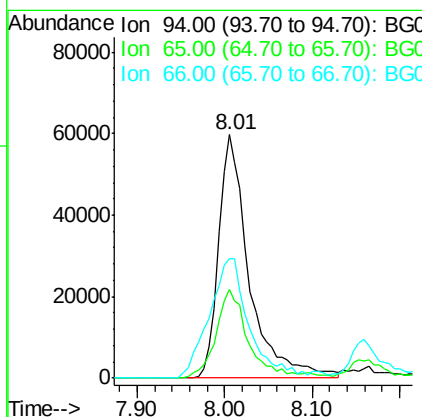
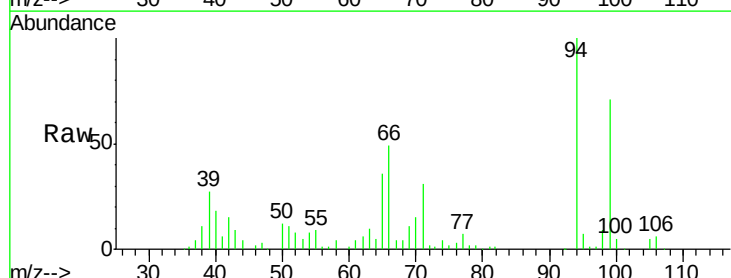
RT: 8.01 min Scan# 803

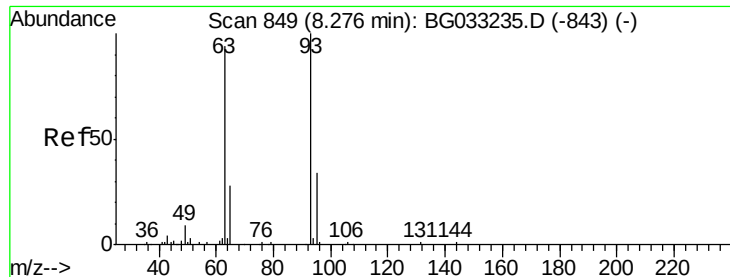
Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	94	Resp:	143822
Ion	Ratio	Lower	Upper
94	100		
65	36.2	11.9	51.9
66	49.0	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 33.070 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

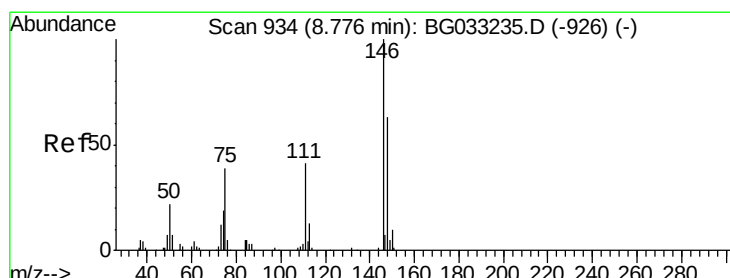
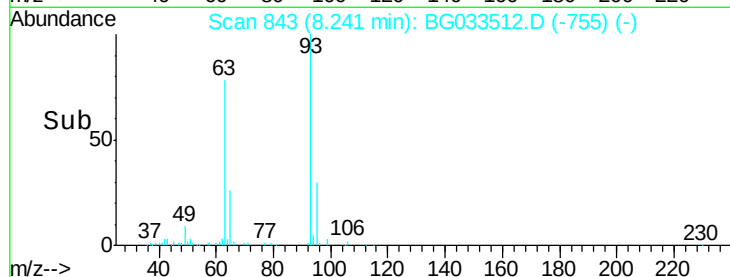
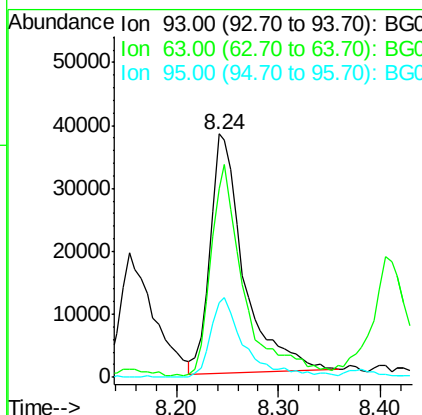
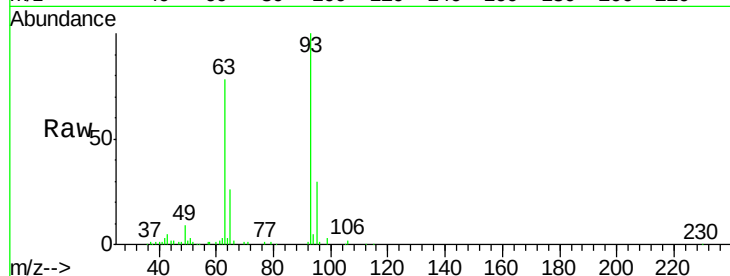
ClientSampleId :

PB107894BS

Tot Ion:	93	Resp:	87684
Ion	Ratio	Lower	Upper
93	100		
63	77.6	67.1	107.1
95	30.4	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 36.239 ng m

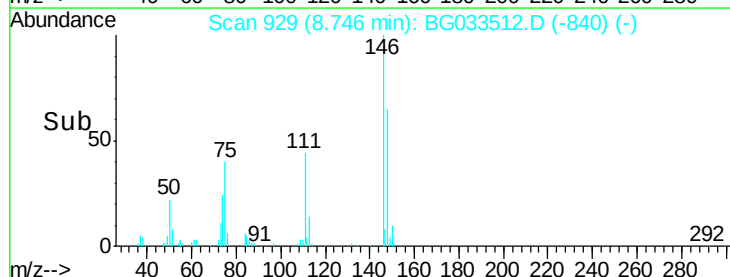
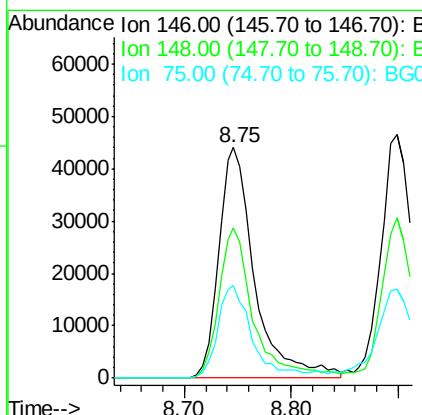
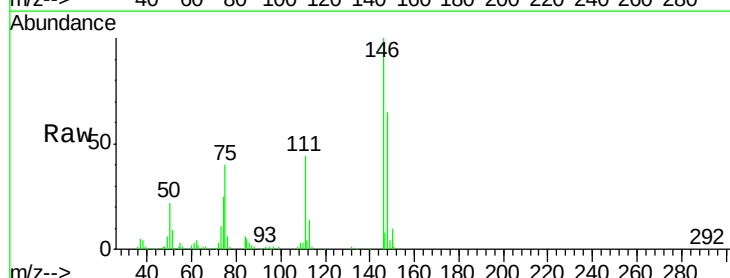
RT: 8.75 min Scan# 929

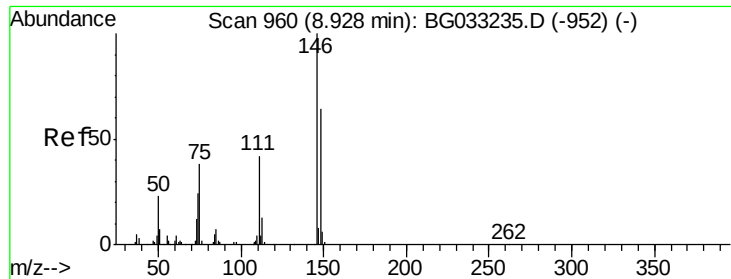
Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	146	Resp:	103717
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
75	40.4	26.6	39.8#





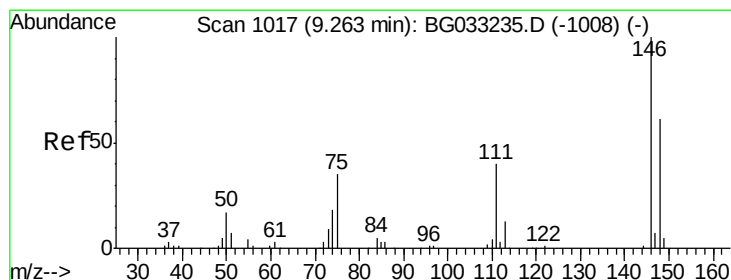
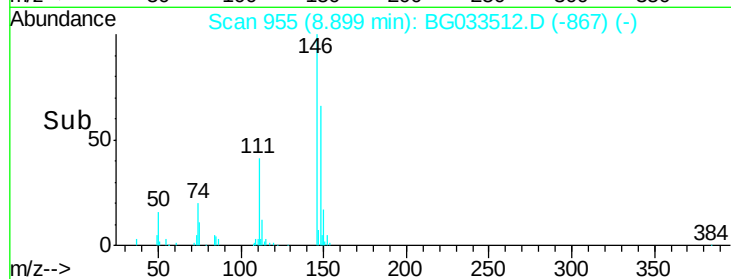
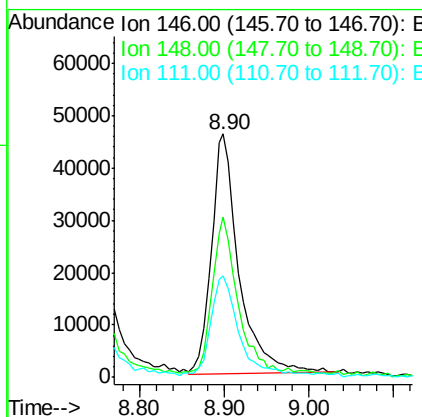
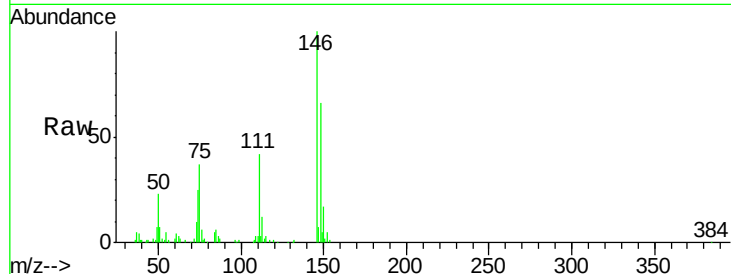
#13
 1,4-Dichlorobenzene
 Concen: 36.509 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.7	80.5
111	41.7	35.2	52.8

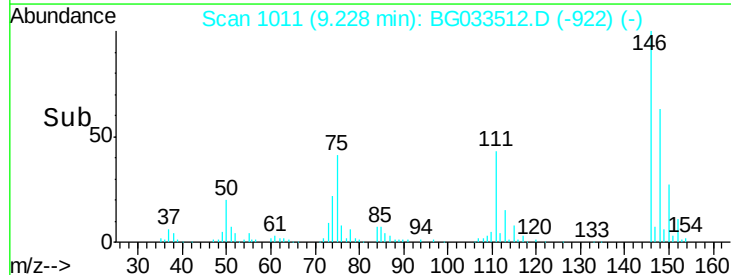
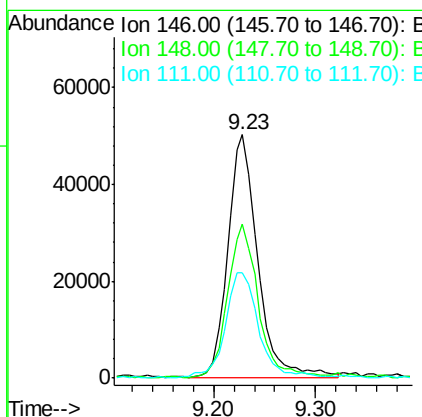
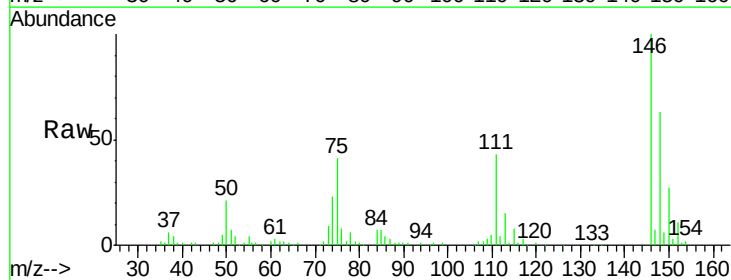
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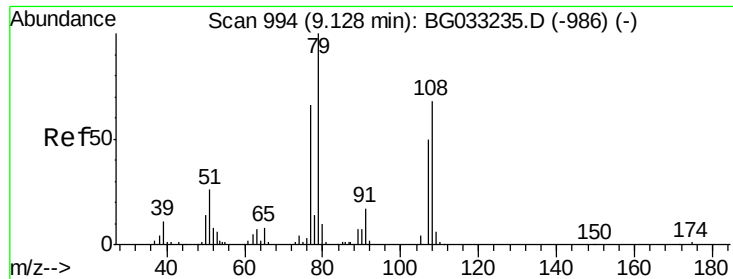
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#14
 1,2-Dichlorobenzene
 Concen: 36.287 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.3	73.9
111	43.4	34.3	51.5





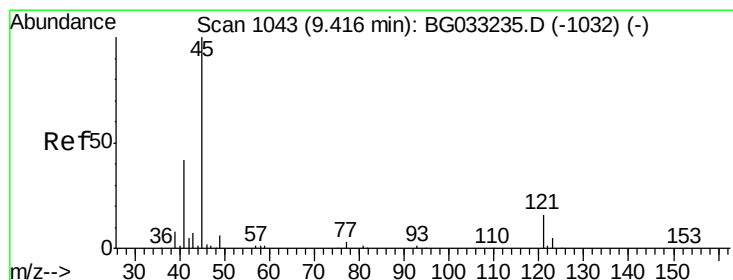
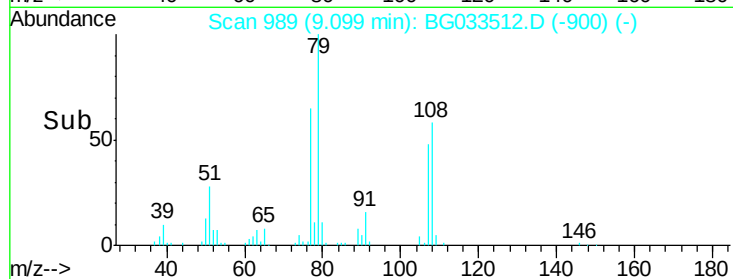
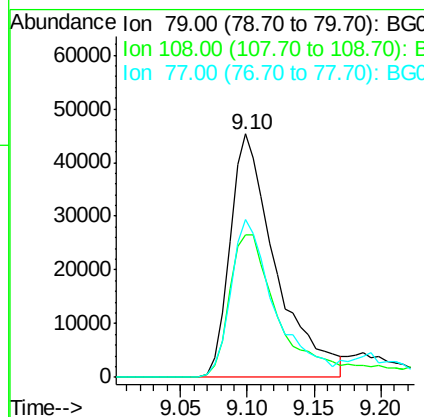
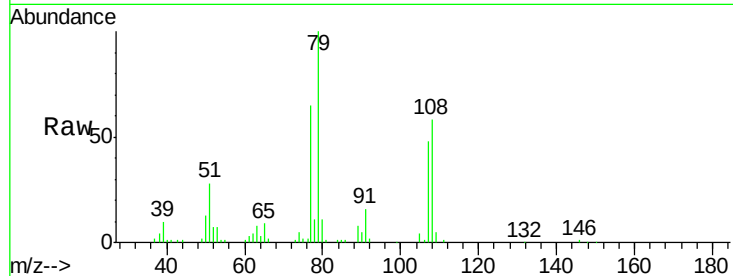
#15
Benzyl Alcohol
Concen: 41.597 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampled :
PB107894BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	58.5	57.2	85.8
77	65.1	46.1	69.1

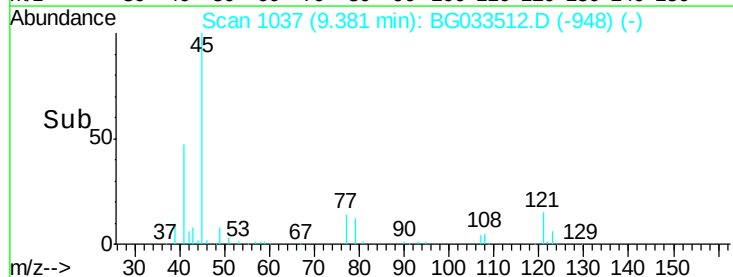
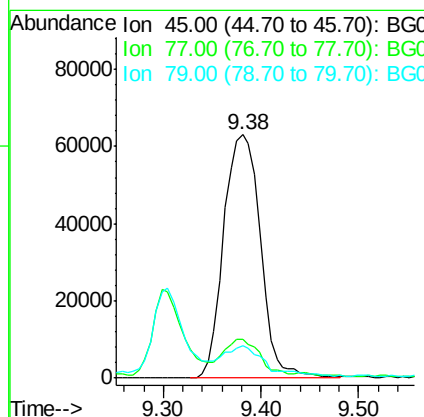
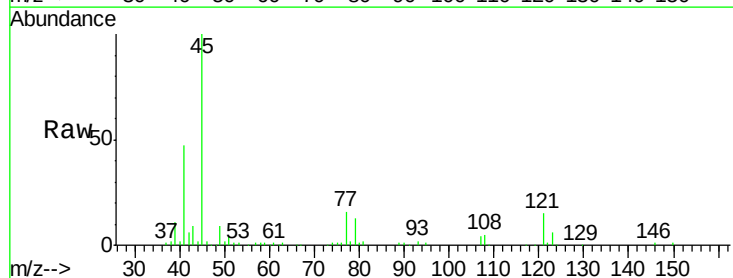
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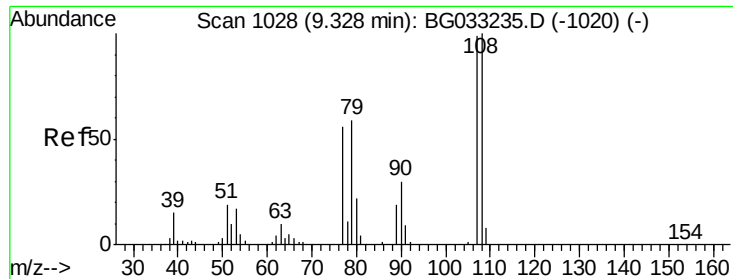
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.187 ng
RT: 9.38 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	30.2
79	13.3	0.0	27.9





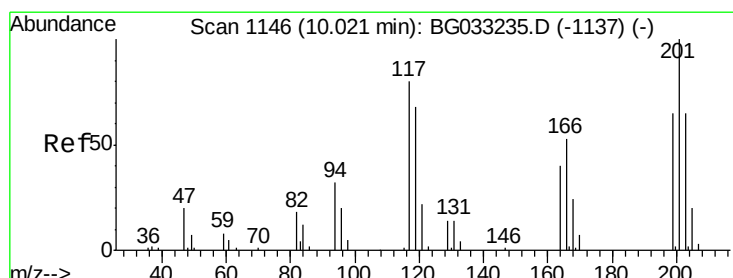
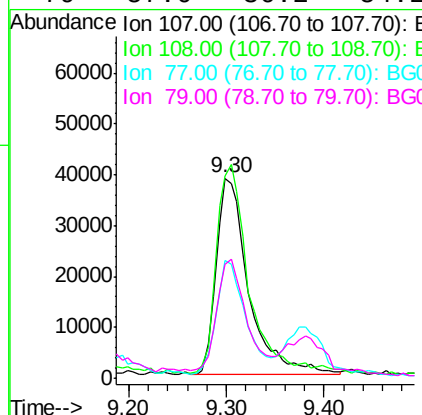
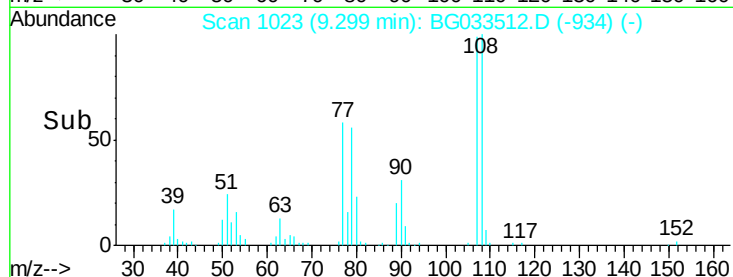
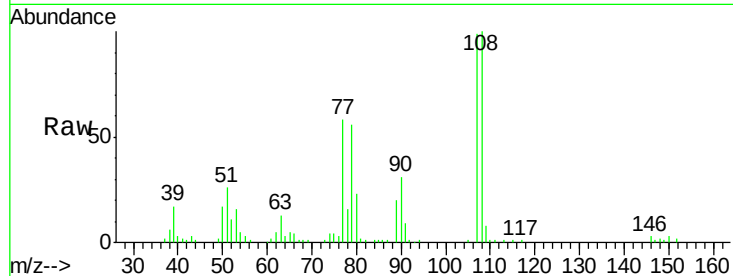
#17
 2-Methylphenol
 Concen: 40.432 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion:	107	Resp:	89471
Ion Ratio	Lower	Upper	
107	100		
108	100.9	83.9	125.9
77	58.8	37.2	55.8#
79	57.0	36.2	54.2#

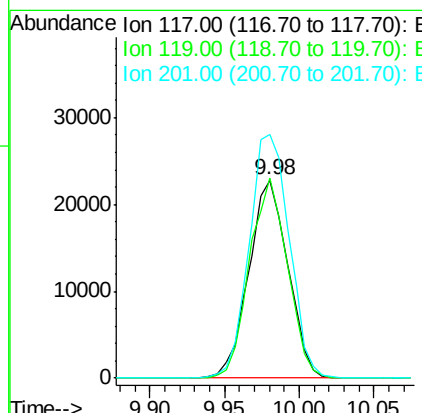
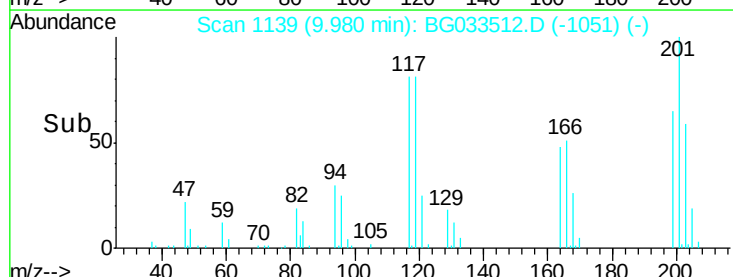
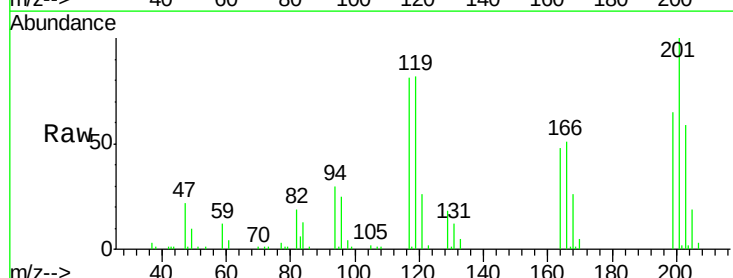
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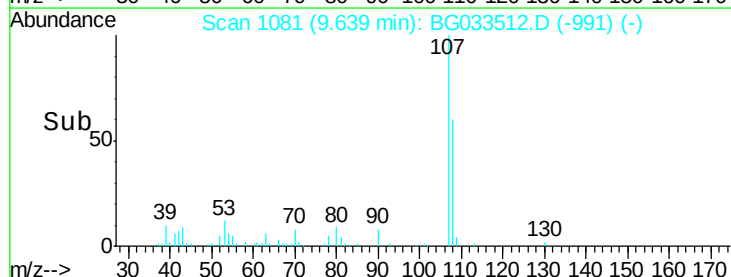
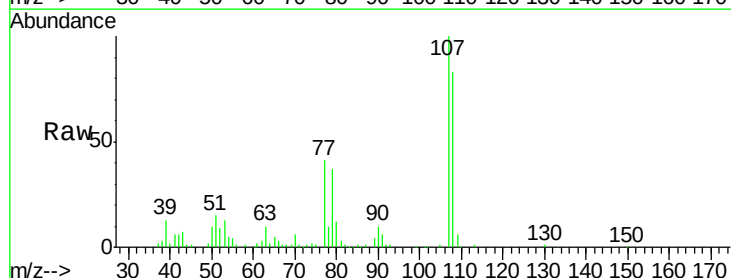
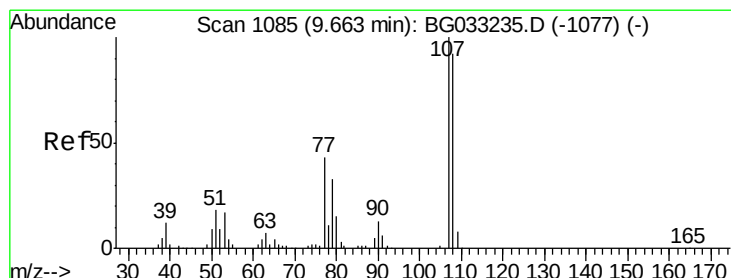
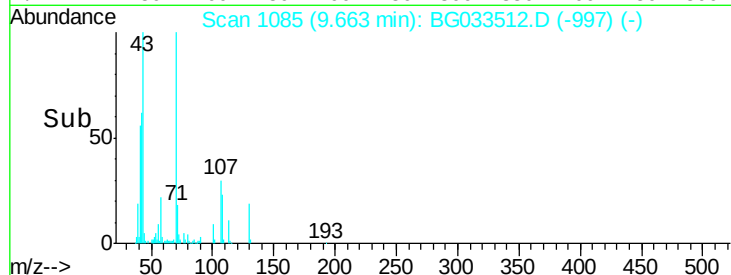
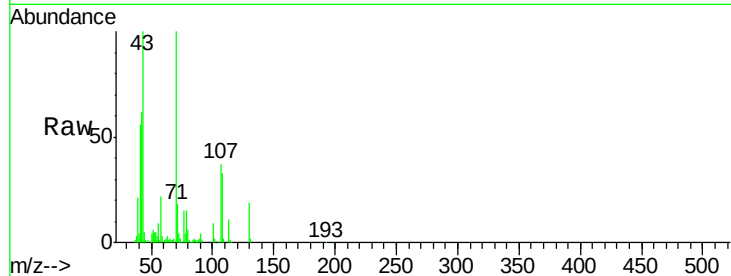
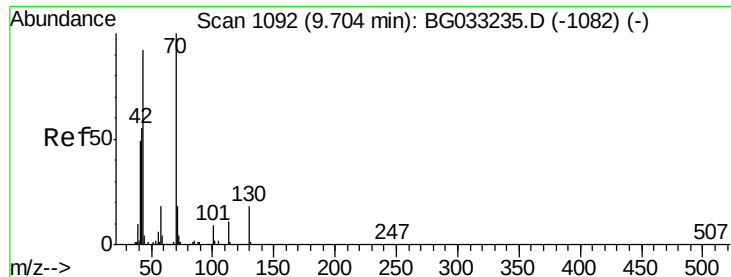
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#18
 Hexachloroethane
 Concen: 37.417 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

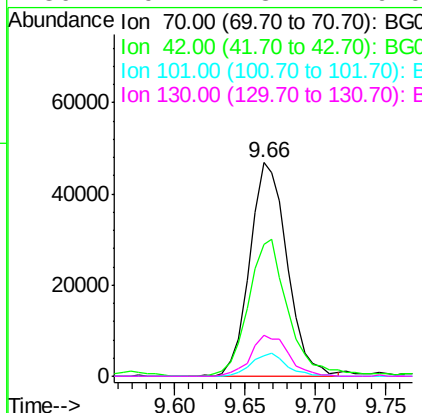
Tgt Ion:	117	Resp:	41393
Ion Ratio	Lower	Upper	
117	100		
119	99.3	76.7	115.1
201	124.1	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 36.139 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.7	49.1	73.7		
101	9.4	8.5	12.7		
130	19.1	13.4	20.0		



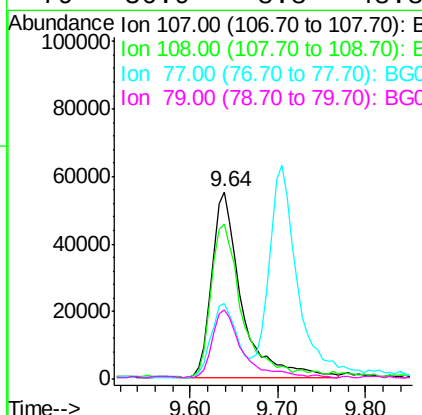
Instrument :
BNA_G
ClientSampleId :
PB107894BS

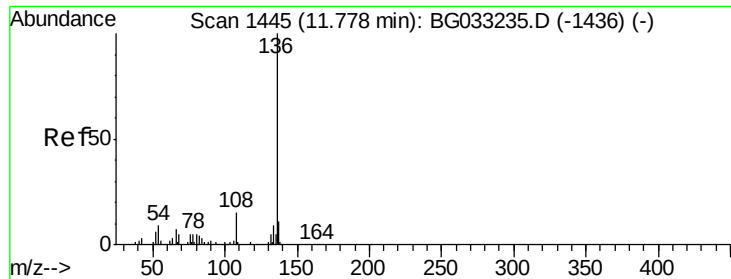
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#20
3+4-Methylphenols
Concen: 41.196 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	82.8	61.6	101.6		
77	40.7	13.9	53.9		
79	36.9	8.8	48.8		





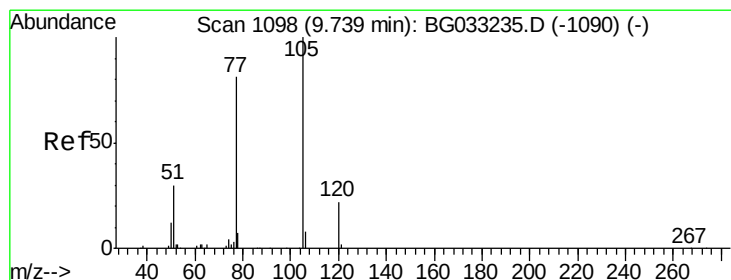
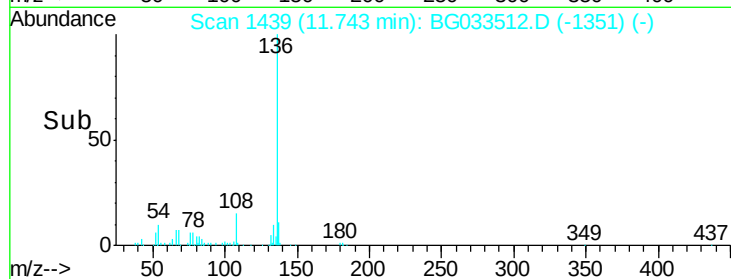
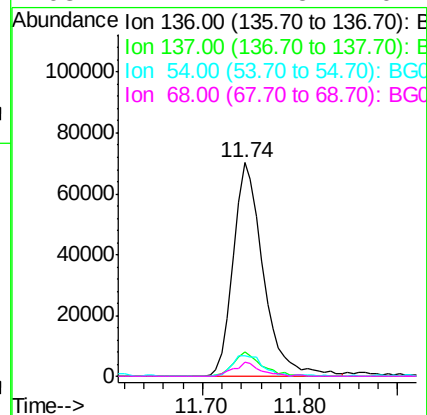
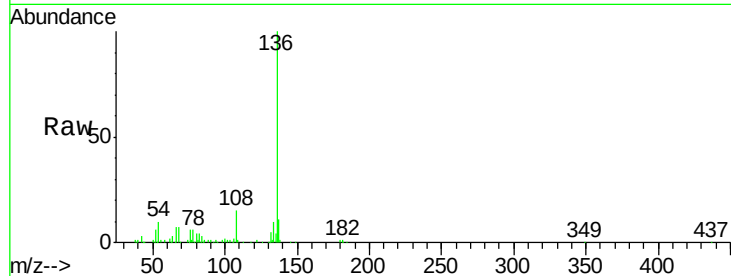
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampled :
PB107894BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	9.7	10.3	15.5#	
68	7.2	4.5	6.7#	

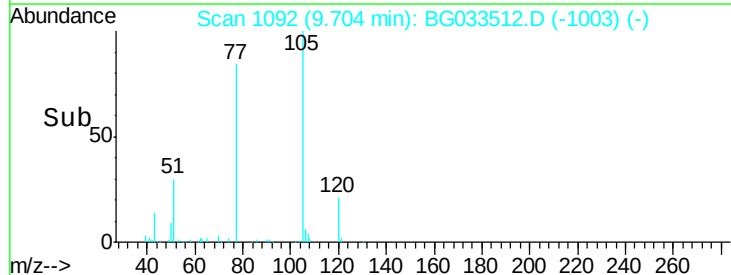
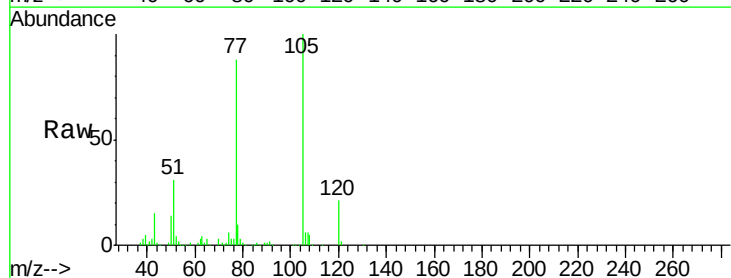
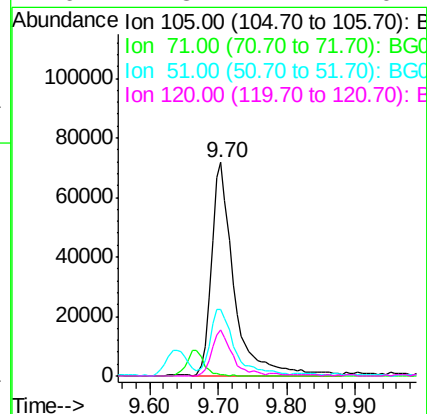
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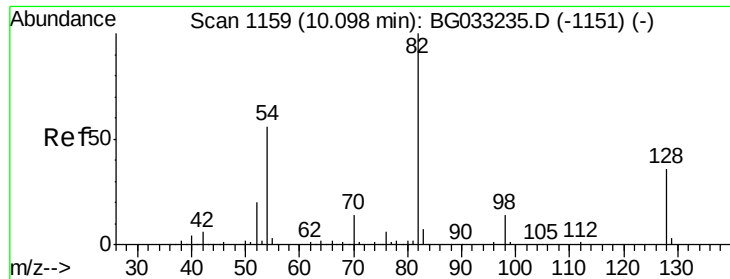
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#22
Acetophenone
Concen: 39.362 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	3.0	4.4#	
51	30.9	26.1	39.1	
120	21.3	17.4	26.2	





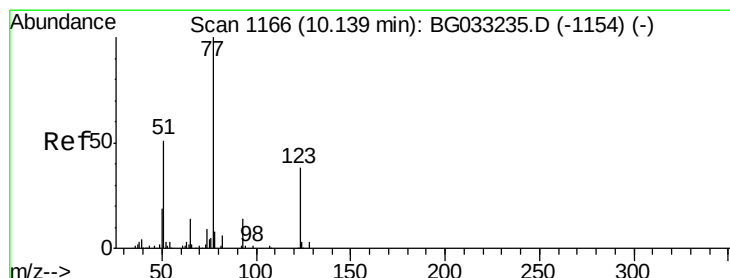
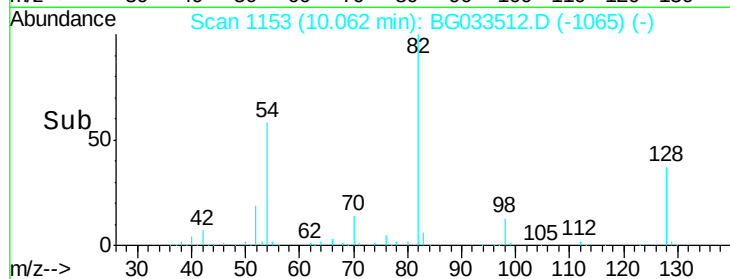
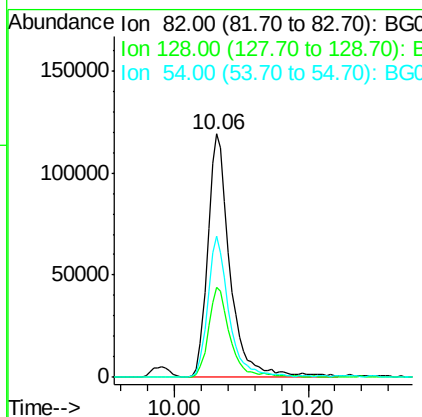
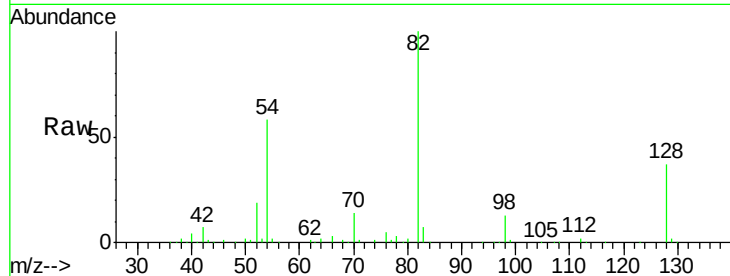
#23
Nitrobenzene-d5
Concen: 84.474 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.7	44.5
54	57.9	43.1	64.7

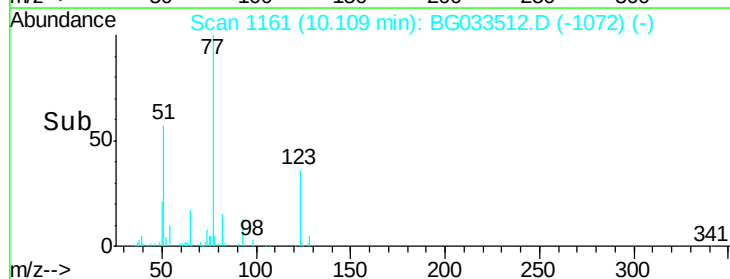
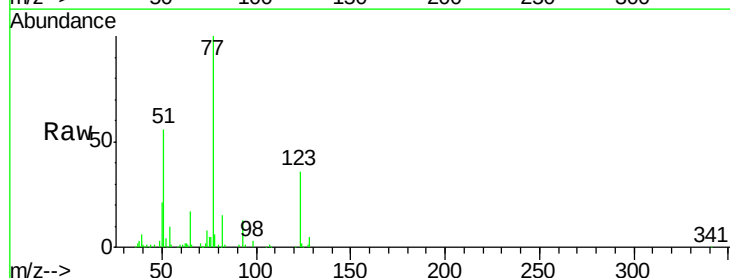
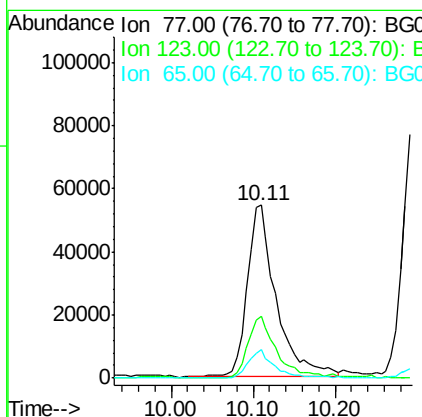
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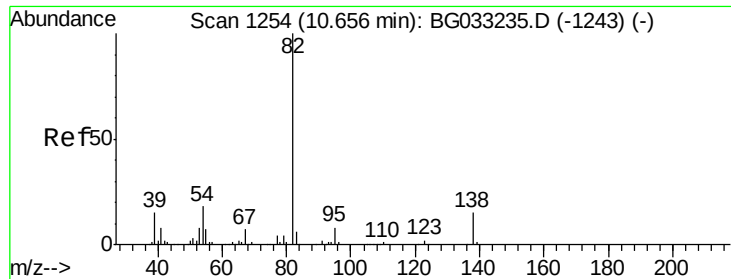
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#24
Nitrobenzene
Concen: 38.296 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	33.0	49.6
65	16.6	13.0	19.6





#25

Isophorone

Concen: 41.570 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

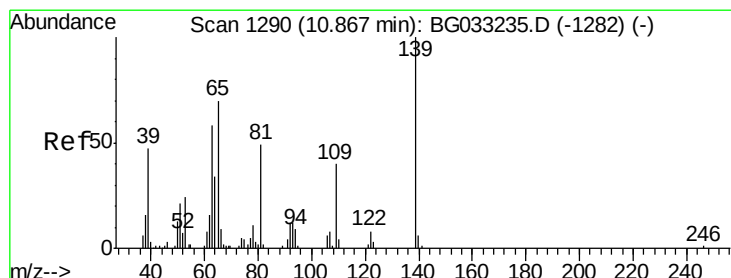
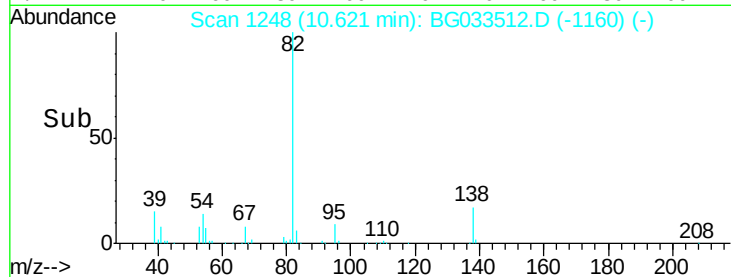
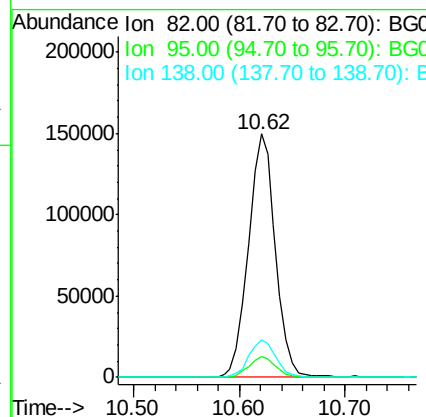
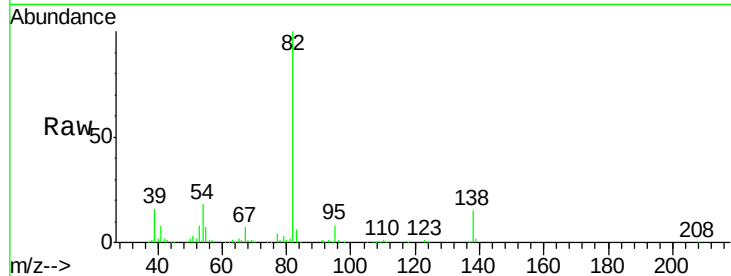
ClientSampleId :

PB107894BS

Tot Ion:	82	Resp:	264928
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.2	9.2
138	15.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 43.111 ng

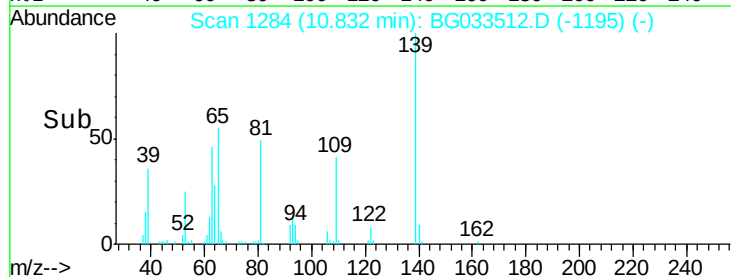
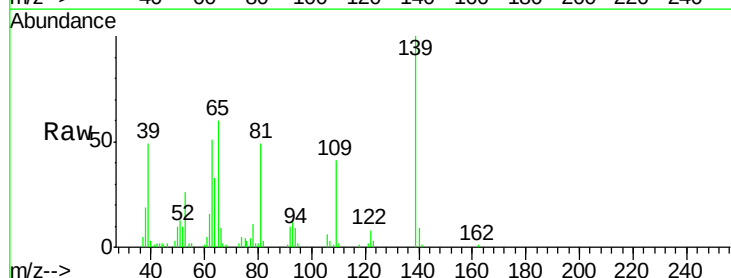
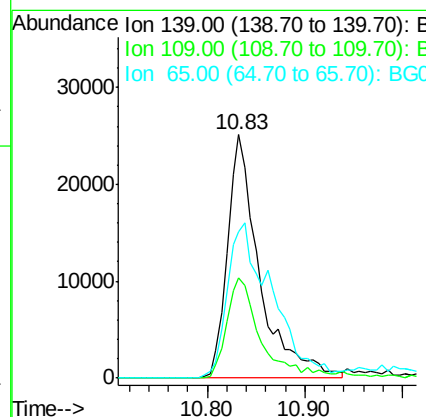
RT: 10.83 min Scan# 1284

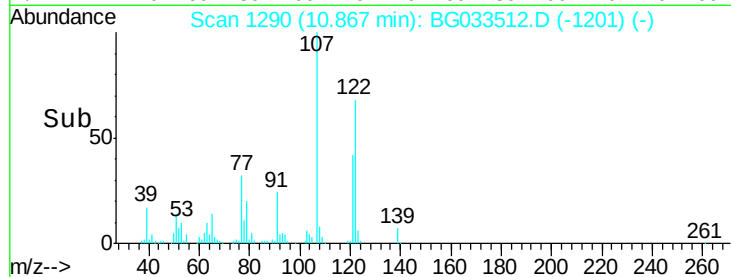
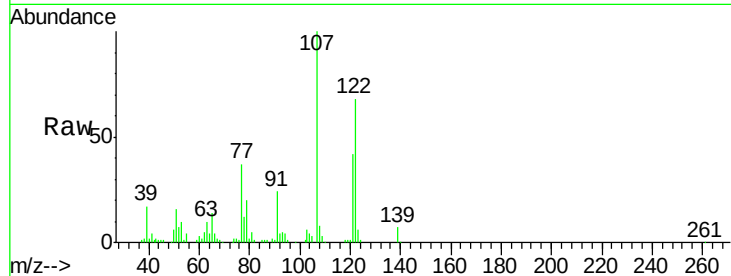
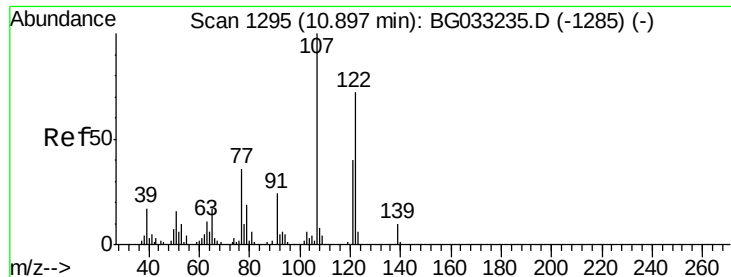
Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	139	Resp:	57365
Ion Ratio		Lower	Upper
139	100		
109	41.3	24.2	36.2#
65	60.3	47.4	71.0





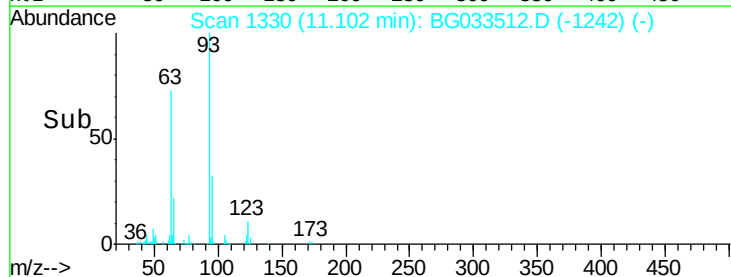
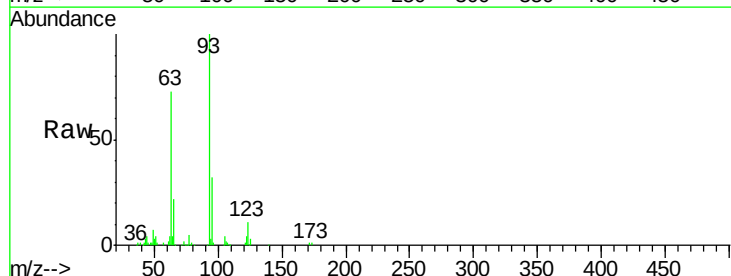
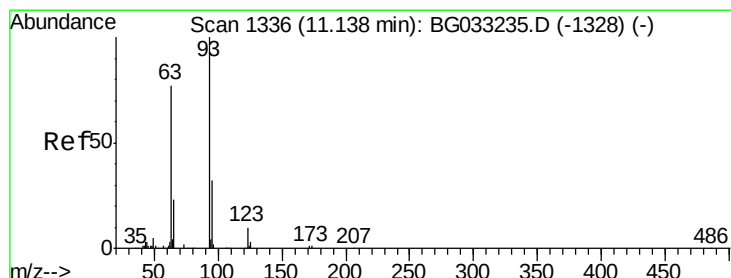
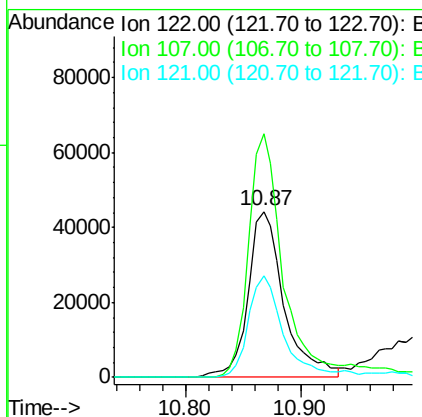
#27
2,4-Dimethylphenol
Concen: 49.778 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.7	100.2	150.2
121	61.4	44.4	66.6

Instrument :
BNA_G
ClientSampleId :
PB107894BS

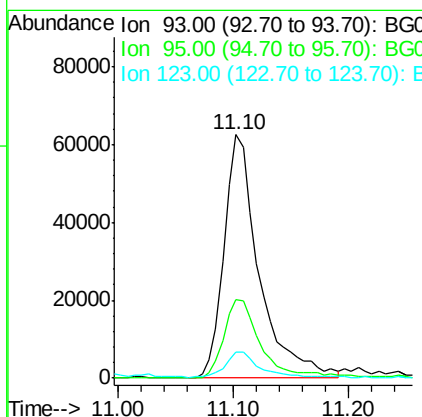
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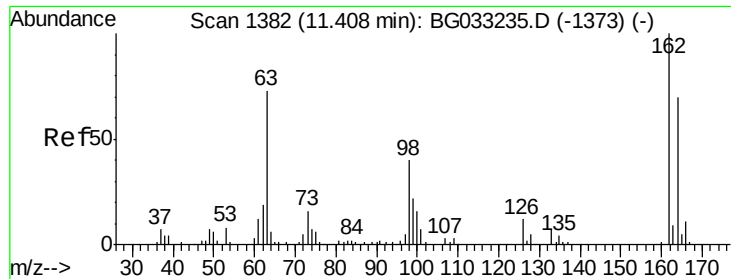
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.493 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	10.6	8.4	12.6





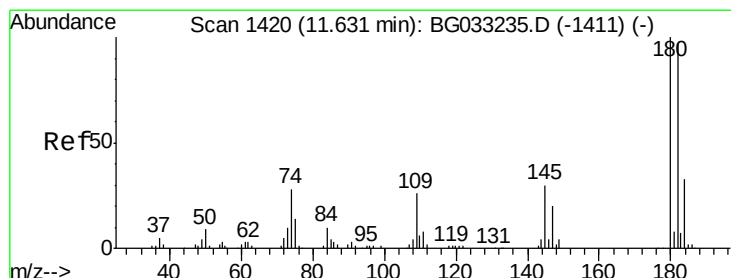
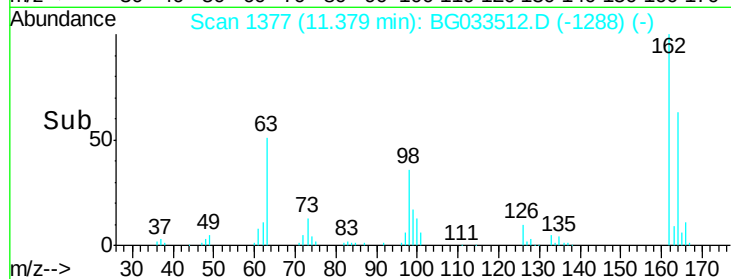
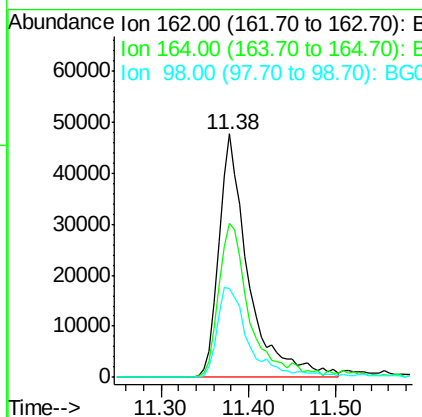
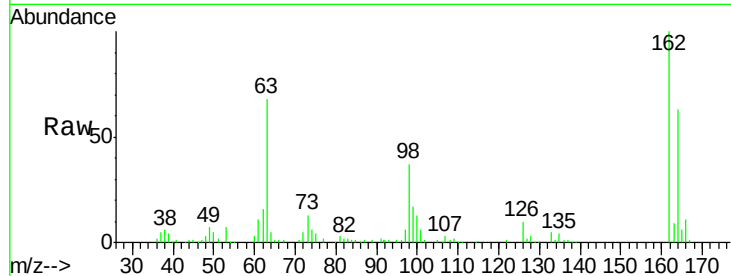
#29
 2,4-Dichlorophenol
 Concen: 46.519 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		110587		
164	63.3	48.0	88.0		
98	36.5	21.1	61.1		

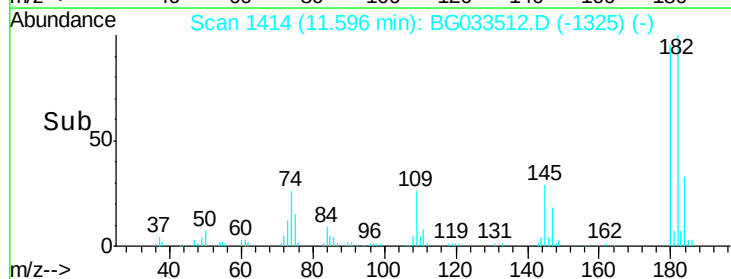
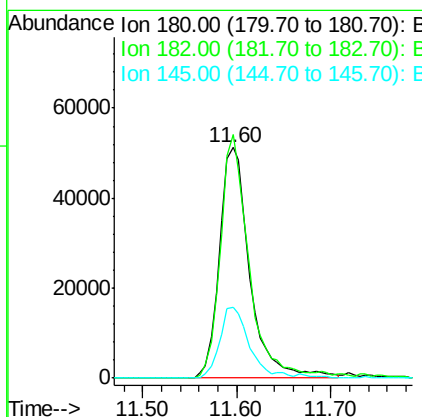
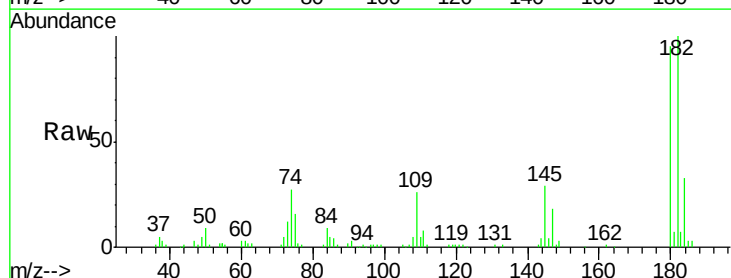
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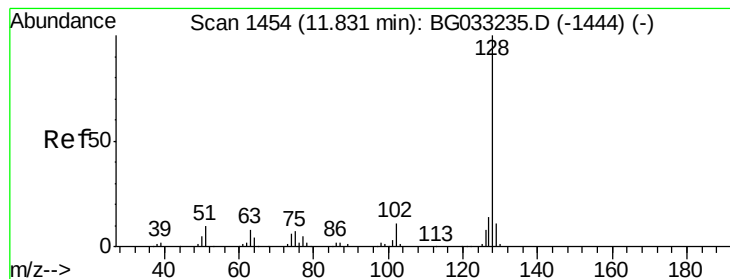
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.449 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		115667		
182	105.7	77.5	116.3		
145	30.8	23.4	35.2		





#31

Naphthalene

Concen: 39.819 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

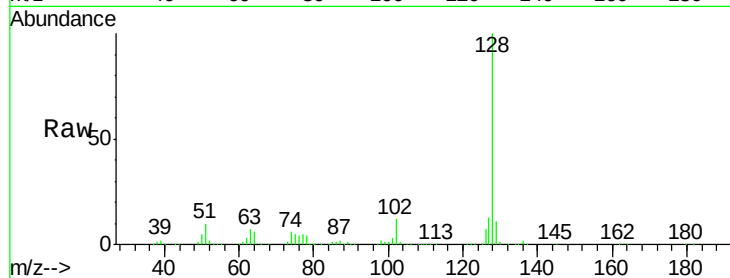
ClientSampleId :

PB107894BS

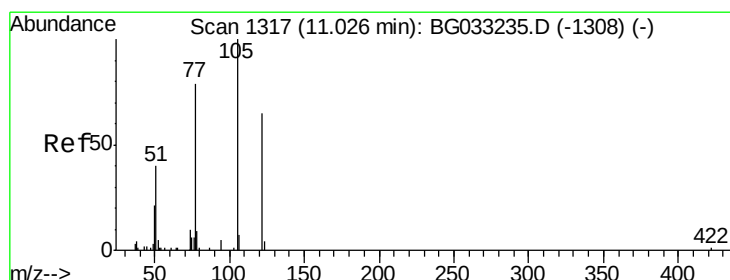
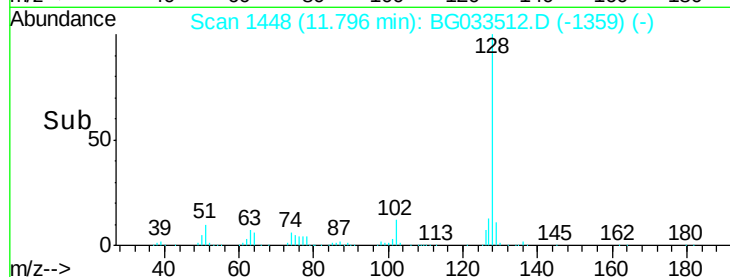
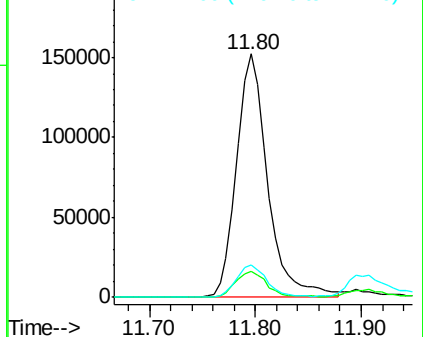
Tot Ion:	128	Resp:	311294
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.4	11.6	17.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.026 ng

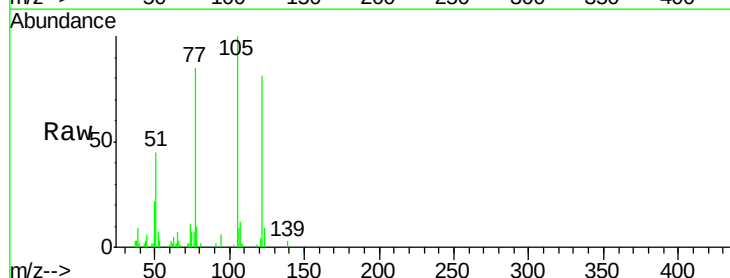
RT: 11.00 min Scan# 1312

Delta R.T. 0.00 min

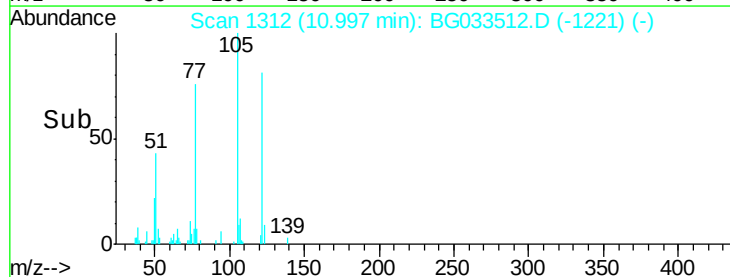
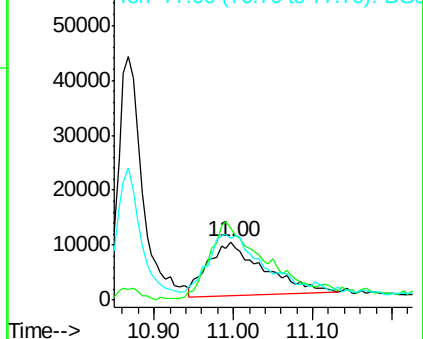
Lab File: BG033512.D

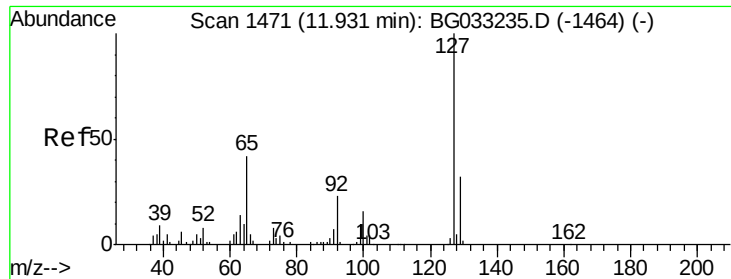
Acq: 3 Apr 2018 6:39

Tgt Ion:	122	Resp:	46768
Ion Ratio	Lower	Upper	
122	100		
105	123.7	123.5	163.5
77	105.5	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





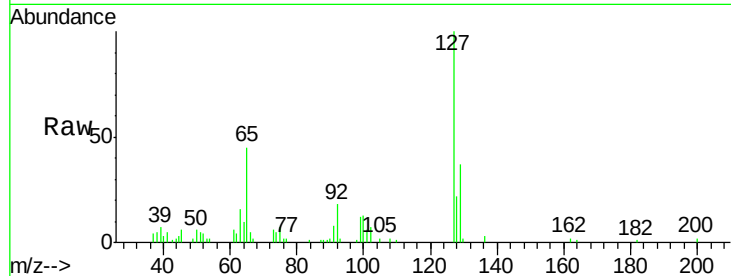
#33
4-Chloroaniline
Concen: 10.476 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

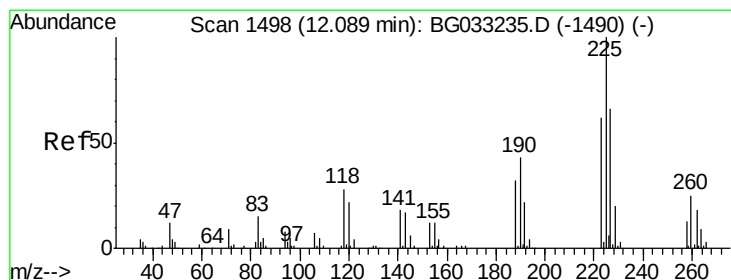
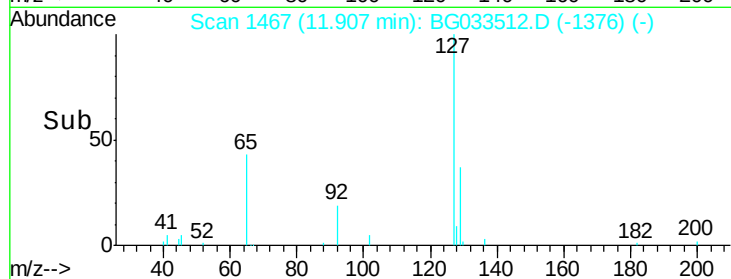
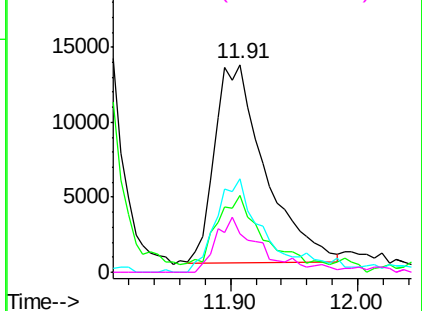
Tot Ion	Ratio	Lower	Upper
127	100		
129	37.3	24.0	36.0#
65	45.1	27.0	40.4#
92	18.4	16.6	25.0

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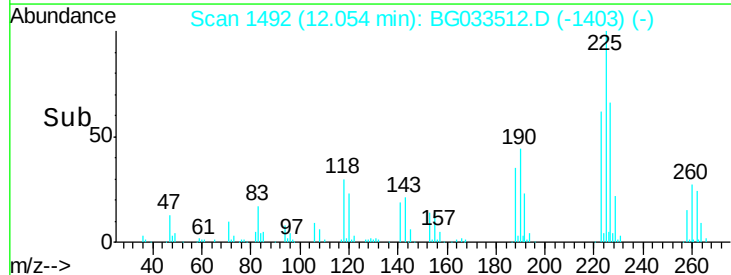
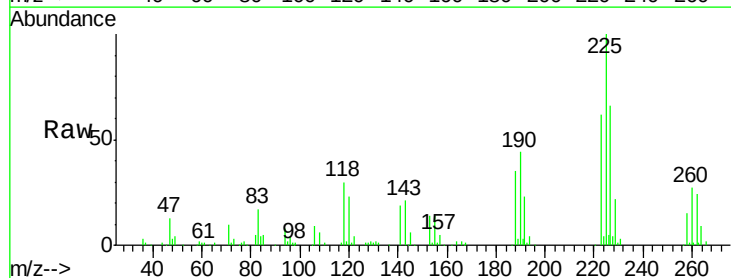
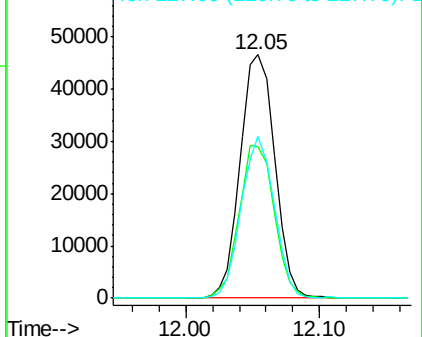
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

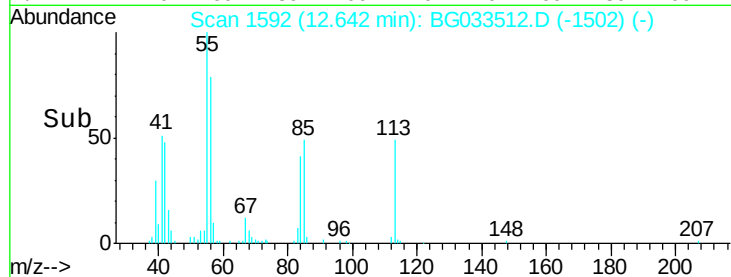
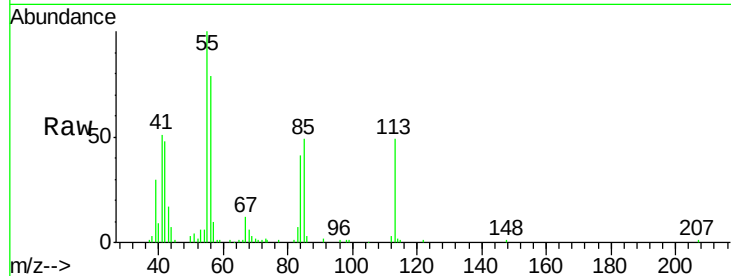
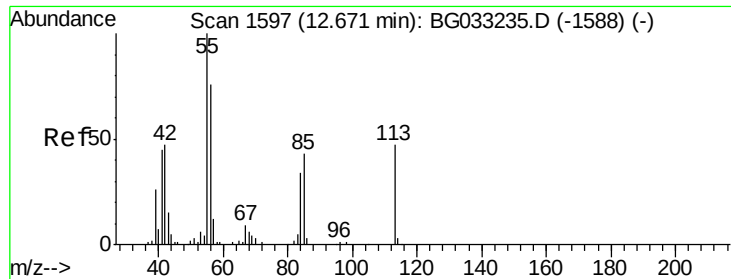


#34
Hexachlorobutadiene
Concen: 35.812 ng
RT: 12.05 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	66.2	48.1	72.1

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





#35

Caprolactam

Concen: 43.022 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

ClientSampled :

PB107894BS

Tot Ion:113 Resp: 40067

Ion Ratio Lower Upper

113 100

55 203.5 186.9 226.9

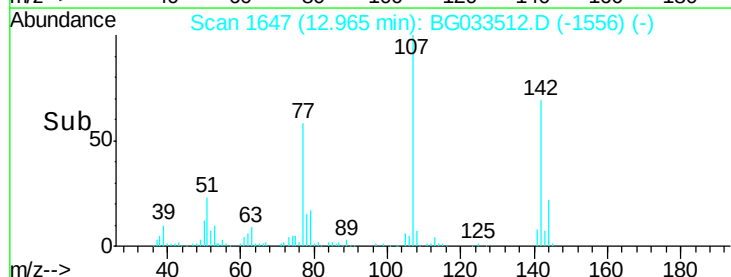
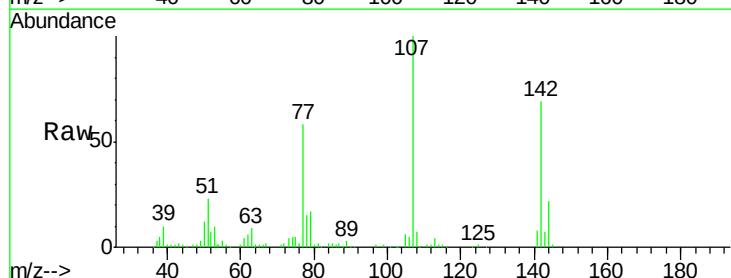
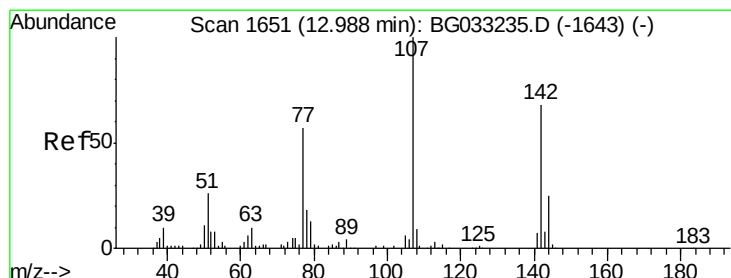
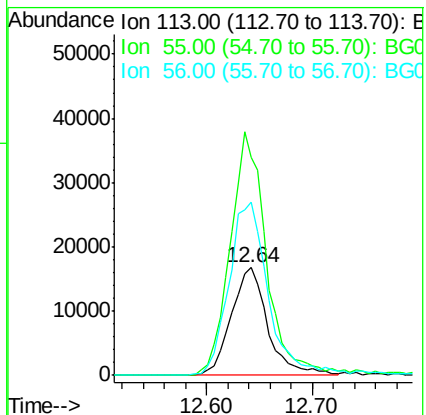
56 161.2 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 45.639 ng

RT: 12.96 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

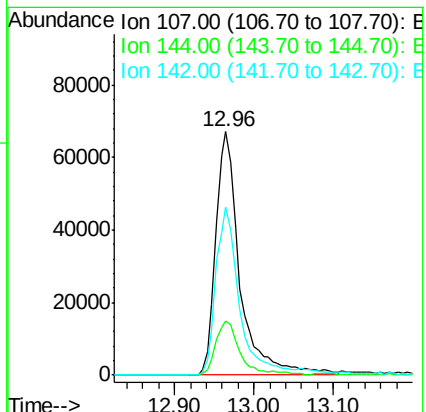
Tgt Ion:107 Resp: 141505

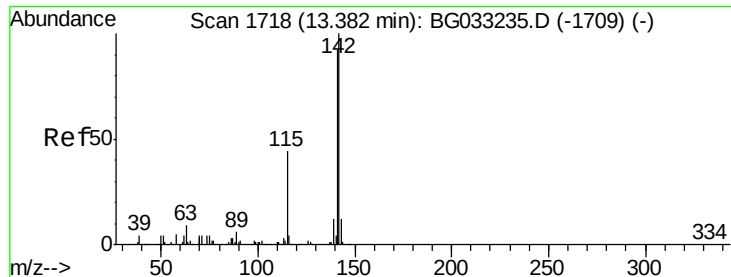
Ion Ratio Lower Upper

107 100

144 22.4 18.2 27.4

142 69.1 59.0 88.4





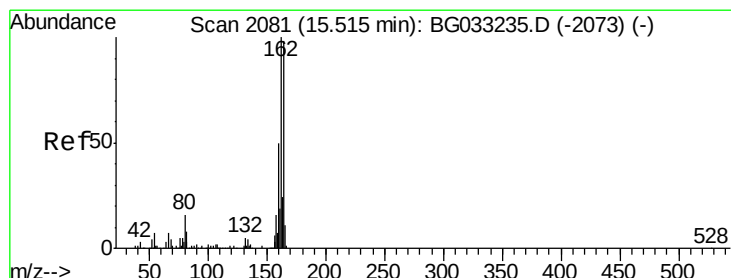
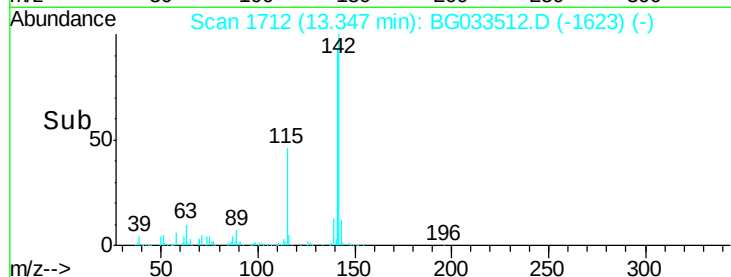
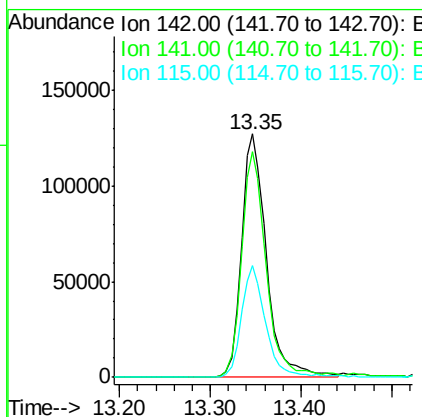
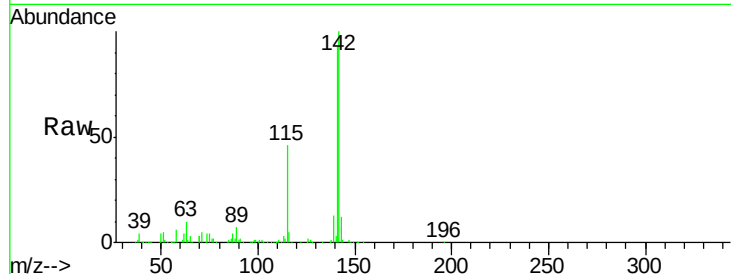
#37
2-Methylnaphthalene
Concen: 39.945 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	67.1	100.7
115	46.0	30.7	46.1

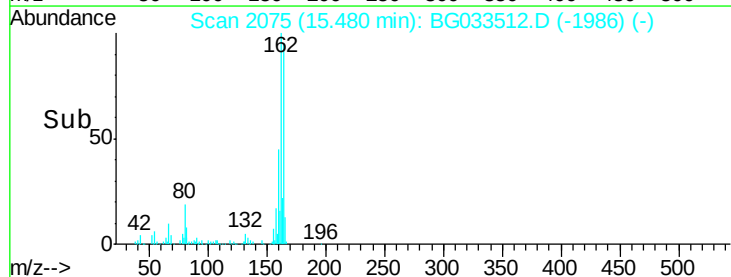
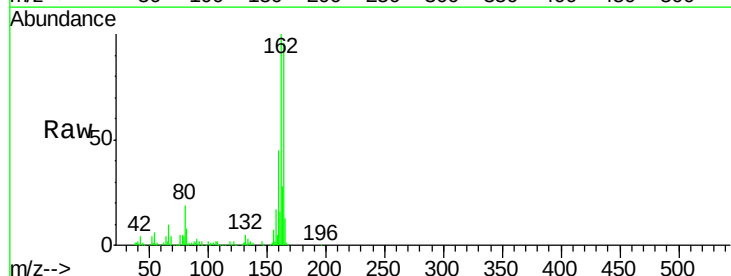
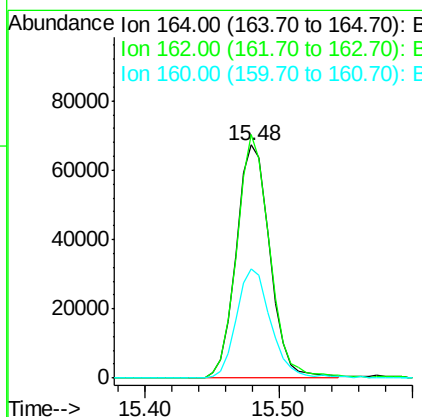
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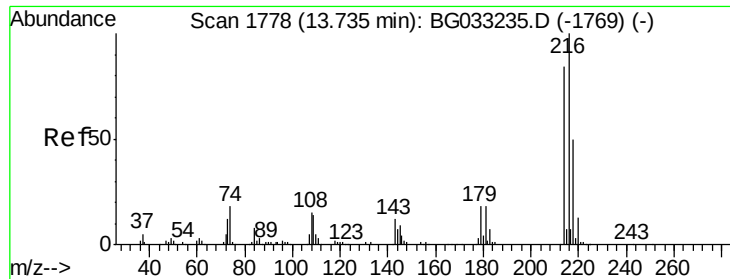
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	47.0	35.4	53.0





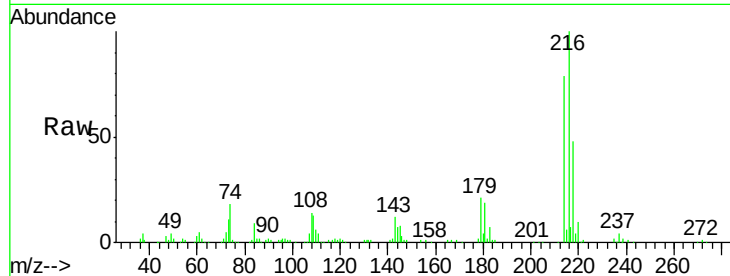
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.674 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampled :
 PB107894BS

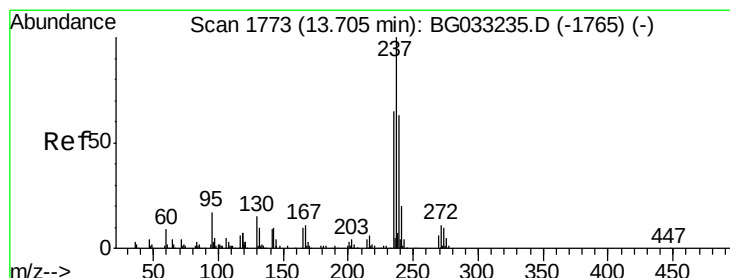
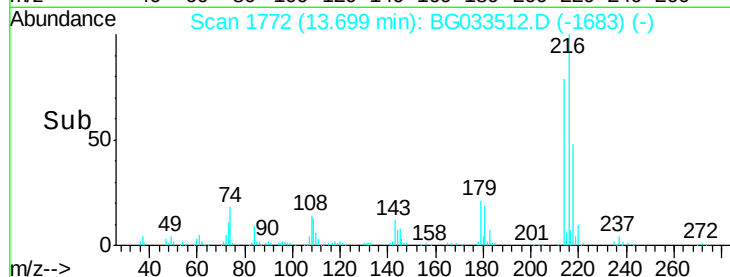
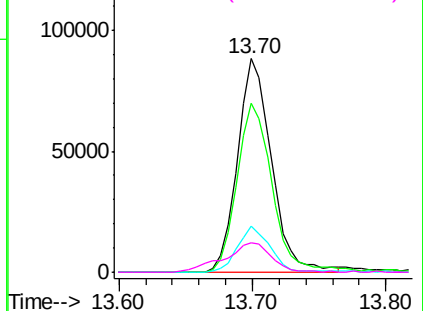
Tot Ion	Ratio	Resp	Lower	Upper
216	100	155850		
214	82.1	63.0	94.4	
179	20.7	17.0	25.6	
108	19.0	12.8	19.2	

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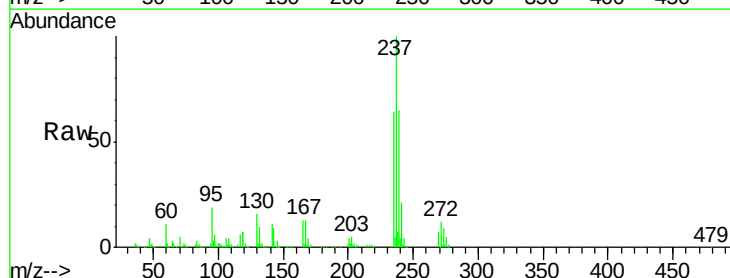


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

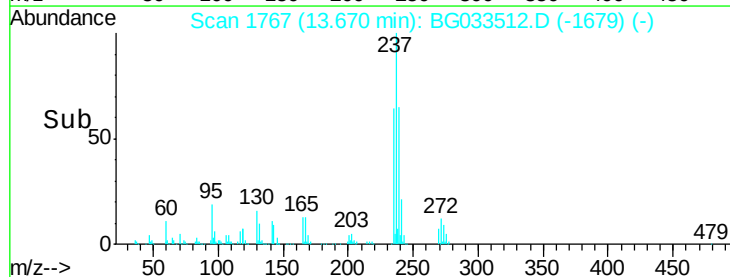
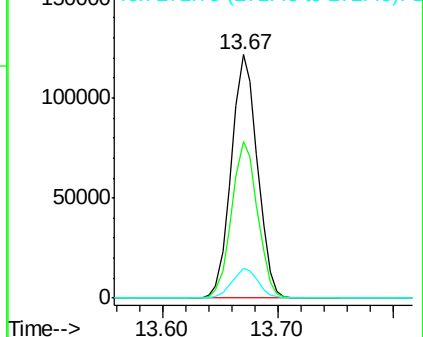


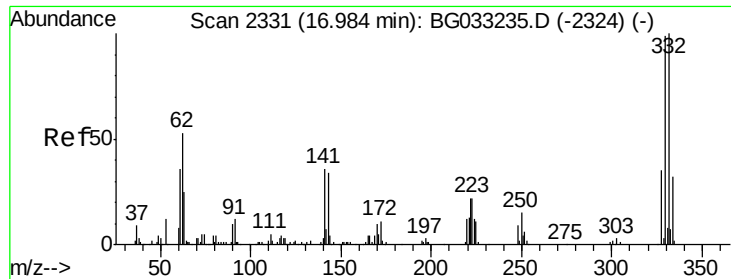
#40
 Hexachlorocyclopentadiene
 Concen: 76.180 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	189781		
235	64.3	50.4	90.4	
272	12.0	0.0	31.8	



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





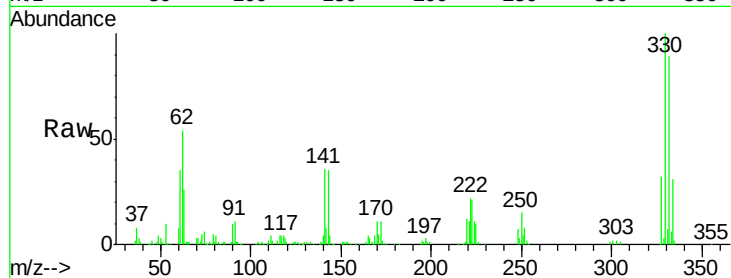
#41
 2,4,6-Tribromophenol
 Concen: 125.934 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220969		
332	93.2	77.0	115.6	
141	37.0	25.2	37.8	

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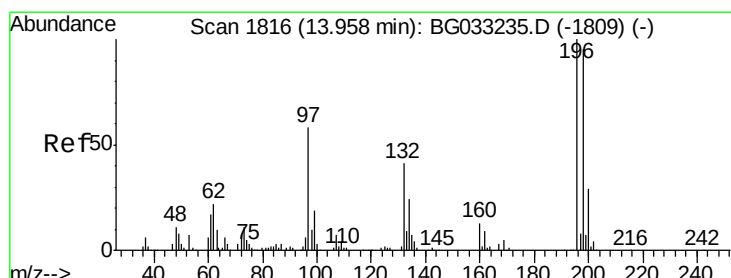
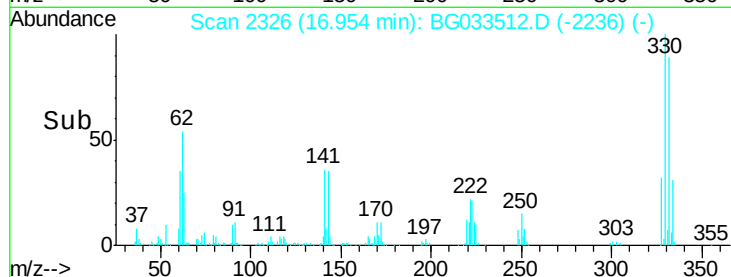
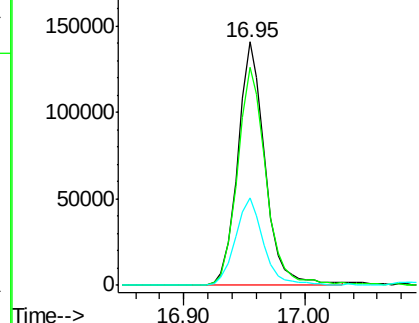


Abundance

Ion 329.80 (329.50 to 330.50): E

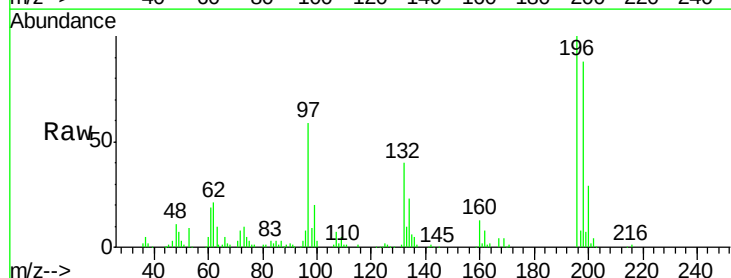
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.523 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107459		
198	88.4	78.2	117.2	
200	29.1	24.6	36.8	

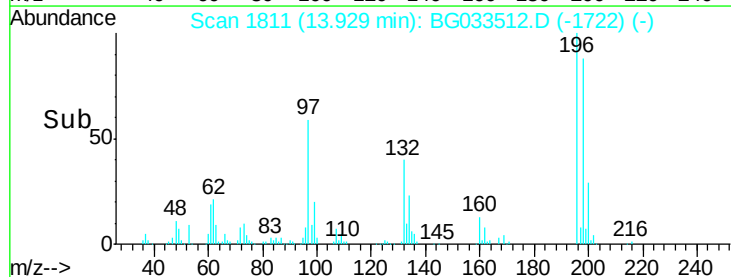
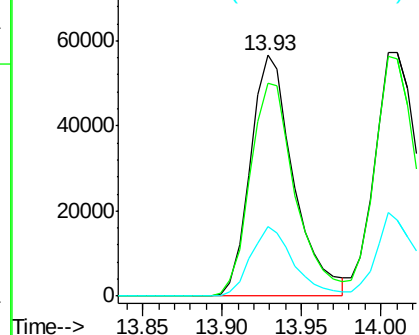


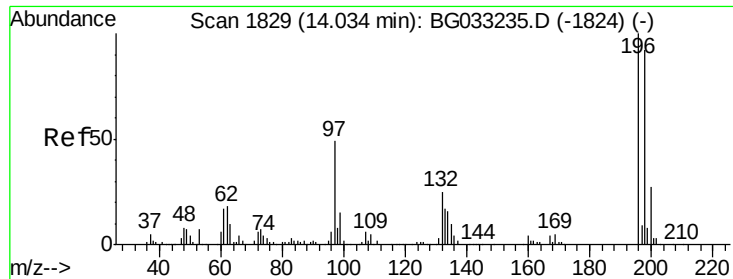
Abundance

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





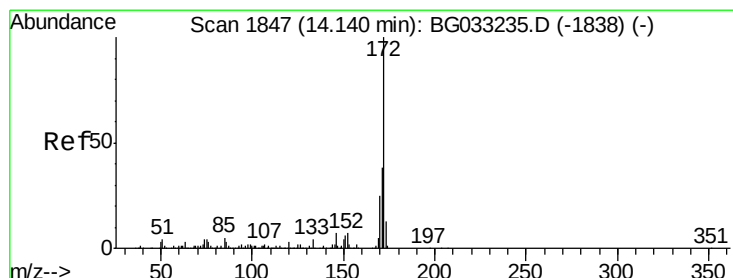
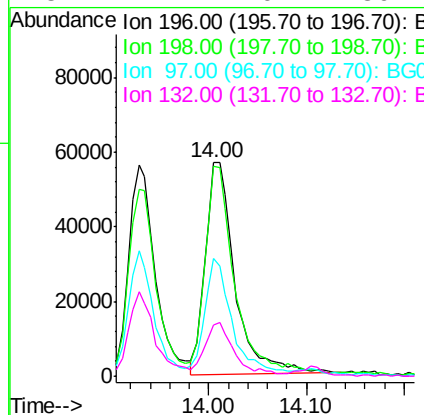
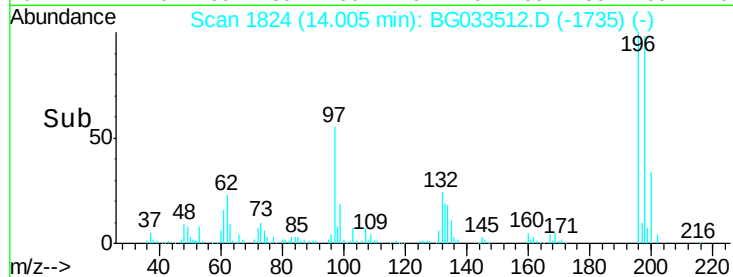
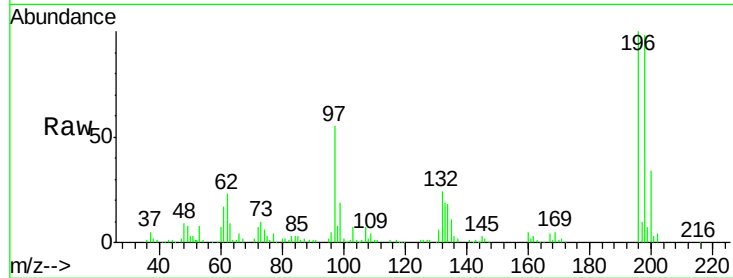
#43
 2,4,5-Trichlorophenol
 Concen: 41.195 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion:	196	Resp:	120224
Ion Ratio	Lower	Upper	
196	100		
198	98.2	76.2	114.4
97	55.0	38.7	58.1
132	24.1	20.2	30.2

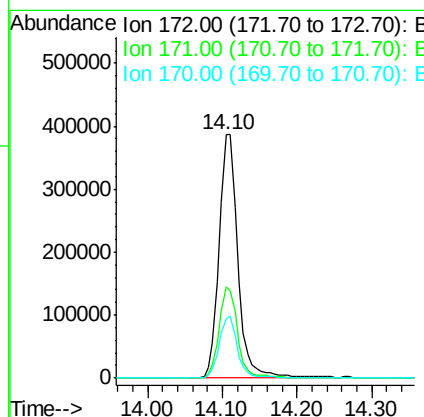
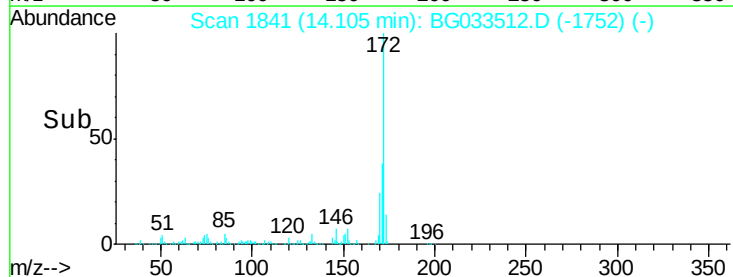
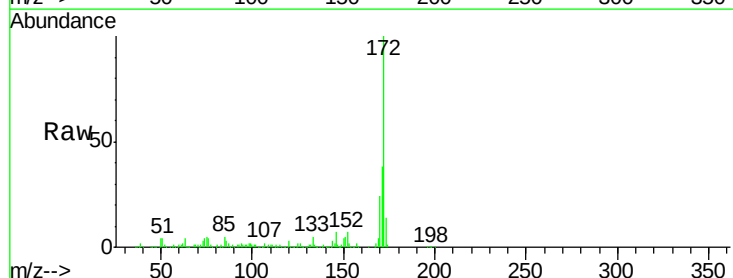
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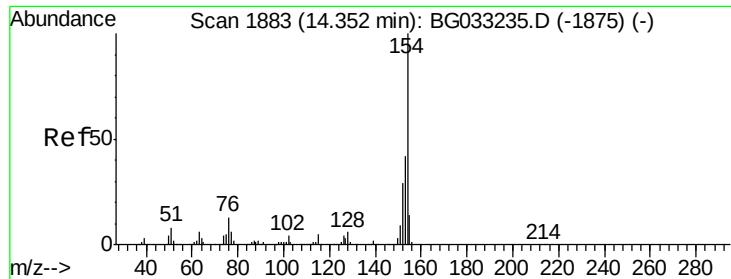
Sohil
 4/3/2018 12:08:16 PM



#44
 2-Fluorobiphenyl
 Concen: 83.528 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion:	172	Resp:	678806
Ion Ratio	Lower	Upper	
172	100		
171	37.7	30.0	45.0
170	24.5	19.5	29.3





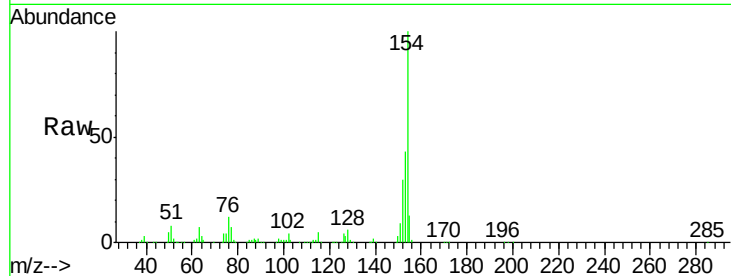
#45
 1,1'-Biphenyl
 Concen: 38.517 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.8	59.8
76	11.9	0.0	31.9

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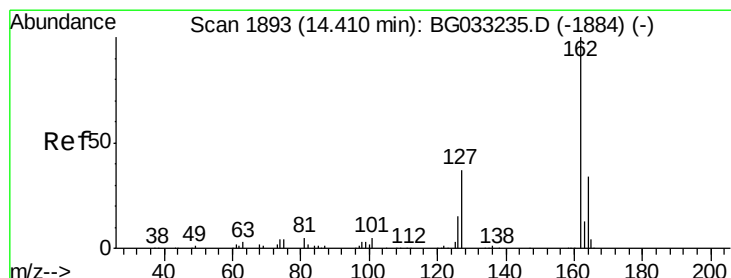
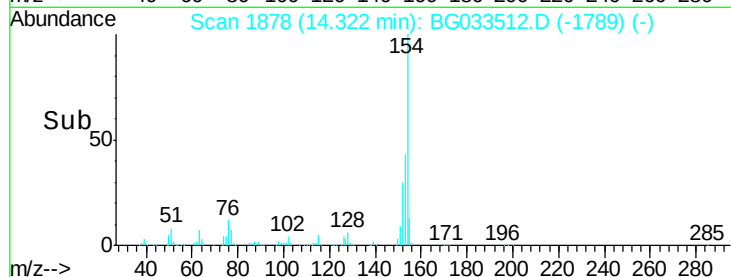
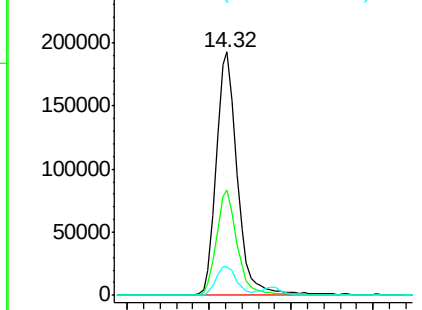


Abundance

Ion 154.00 (153.70 to 154.70): E

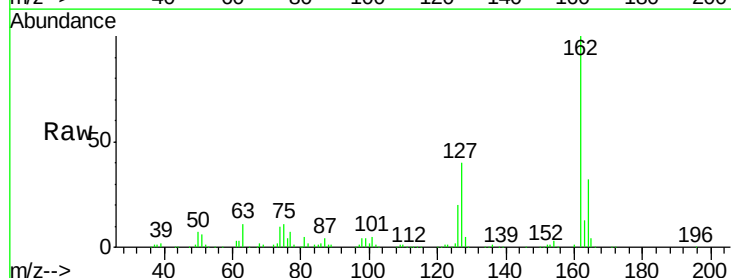
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 38.603 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	32.2	26.0	39.0

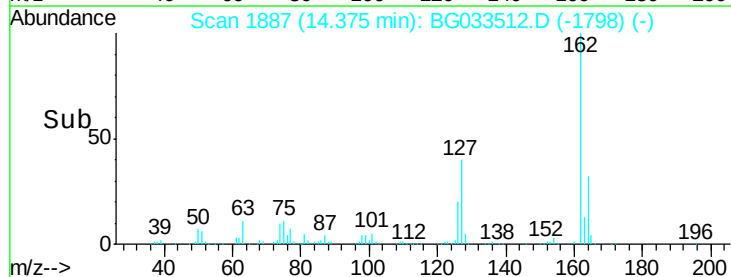
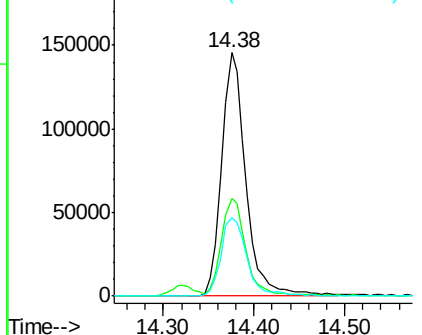


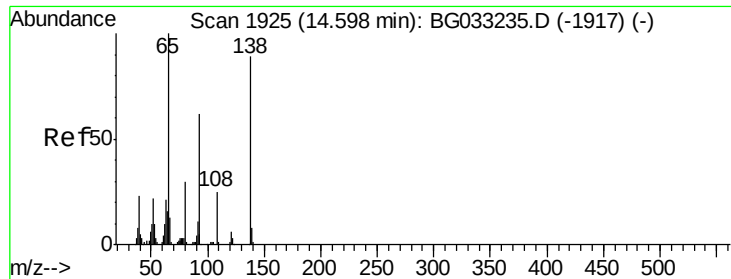
Abundance

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: 42.954 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

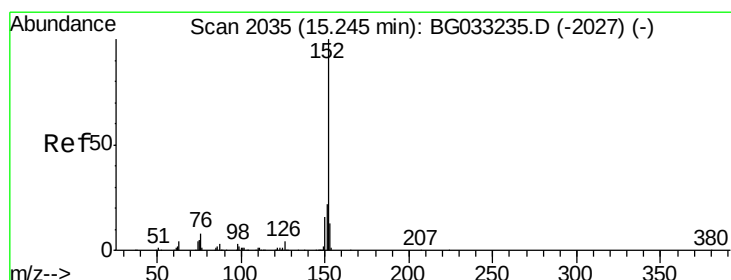
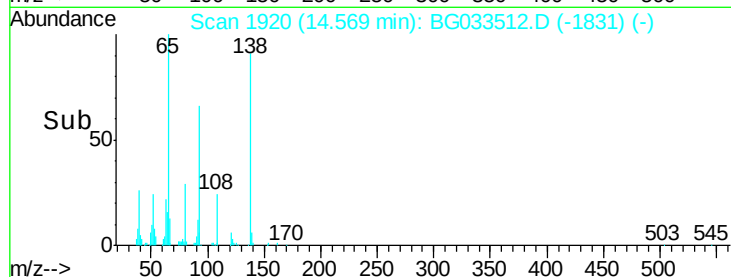
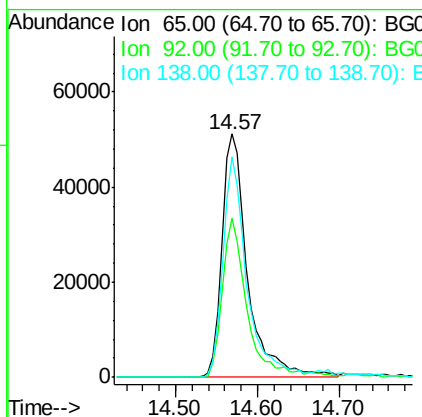
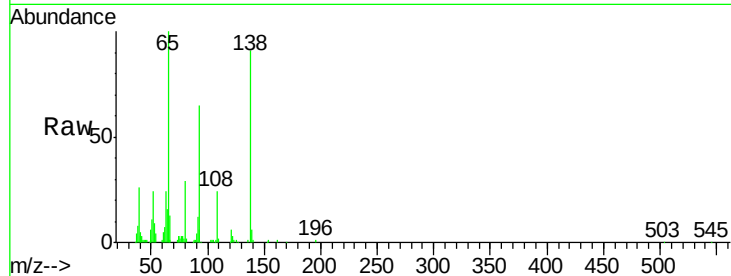
ClientSampleId :

PB107894BS

Tot Ion:	65	Resp:	111813
Ion Ratio	Lower	Upper	
65	100		
92	65.1	54.6	82.0
138	90.5	72.9	109.3

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#48

Acenaphthylene

Concen: 38.539 ng

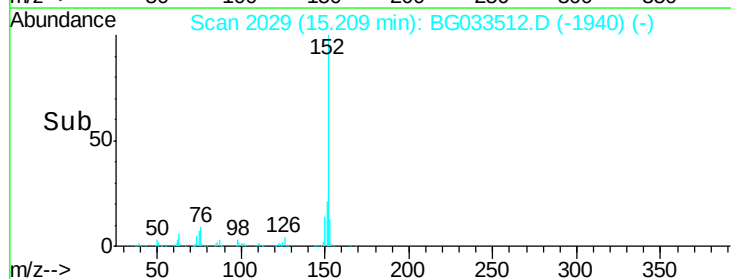
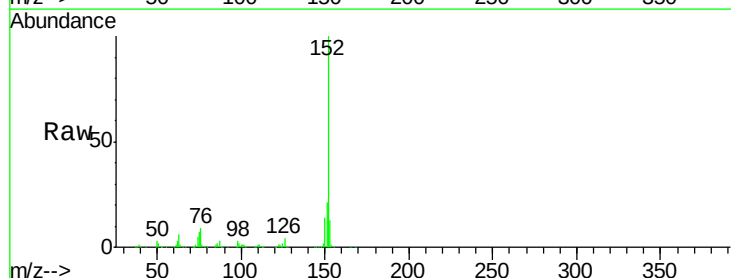
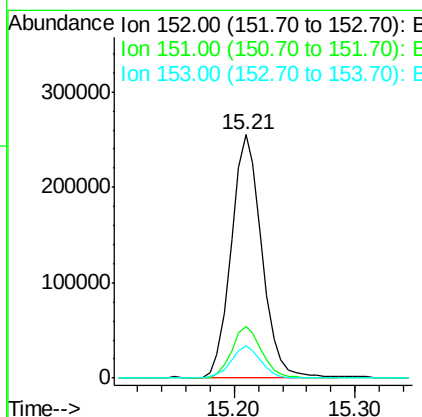
RT: 15.21 min Scan# 2029

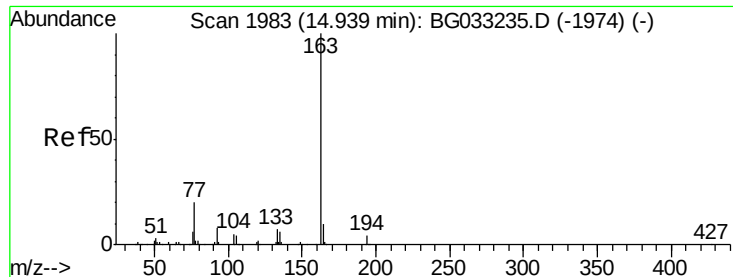
Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	152	Resp:	447069
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.2	25.8
153	13.3	10.2	15.4





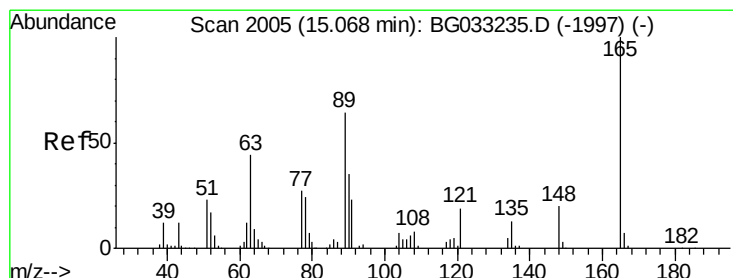
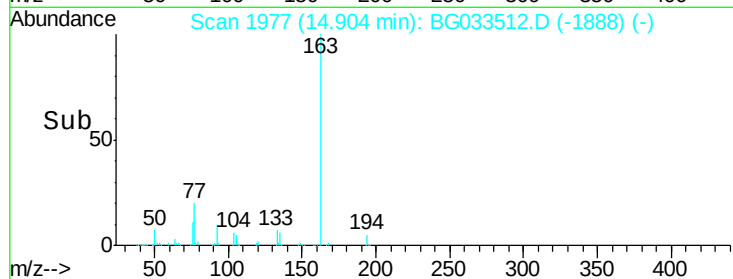
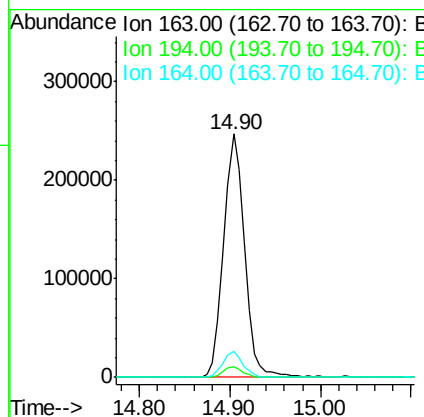
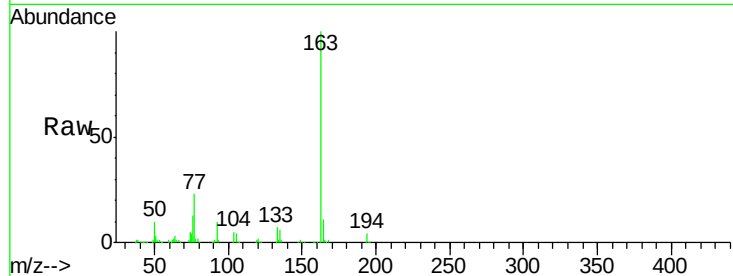
#49
Dimethylphthalate
Concen: 38.794 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	396089		
194	4.3		3.4	5.2
164	10.7		8.2	12.4

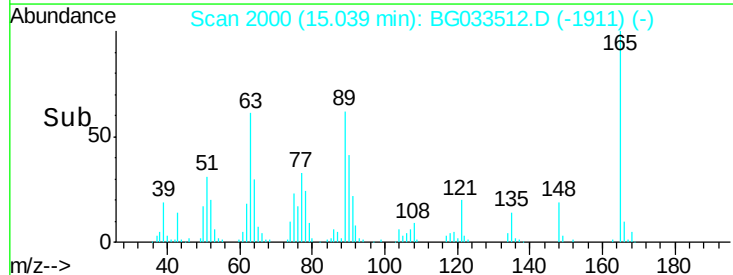
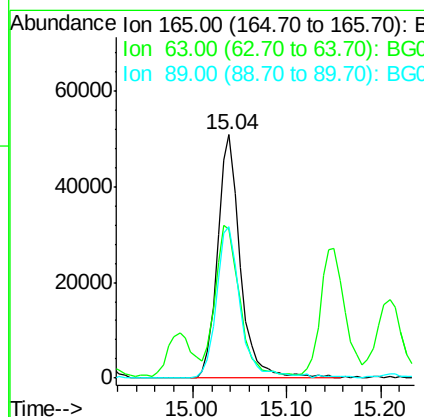
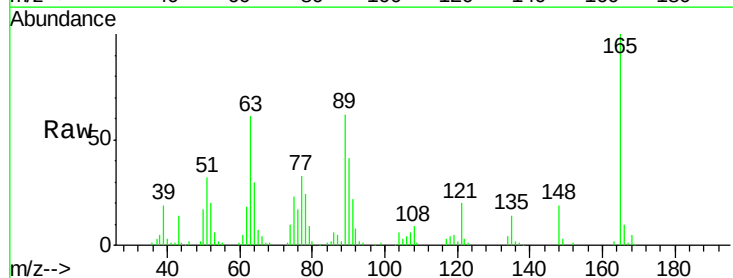
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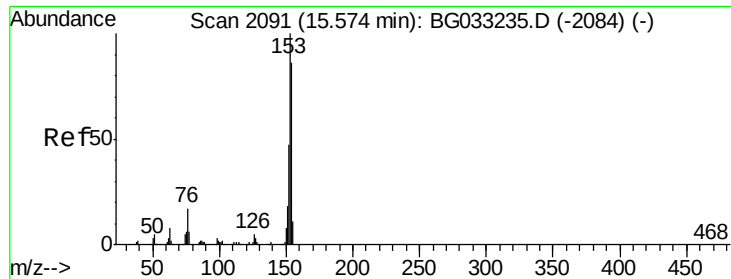
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.370 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	86366		
63	61.2		52.7	79.1
89	62.4		49.2	73.8





#51

Acenaphthene

Concen: 41.665 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

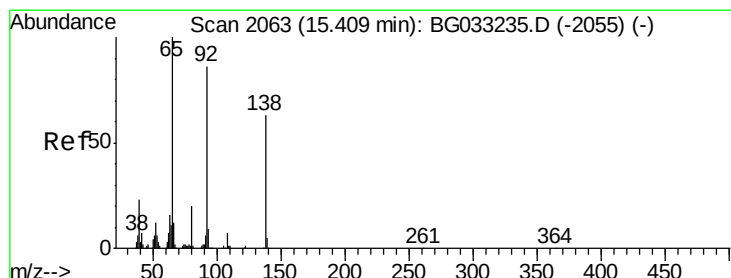
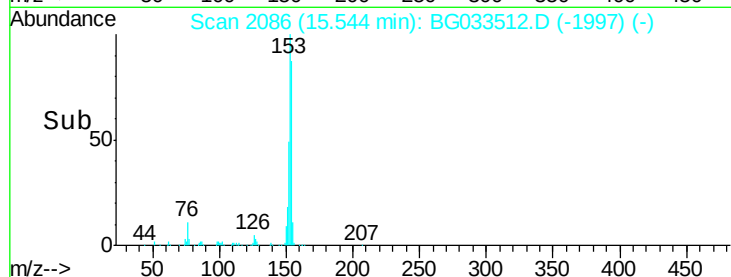
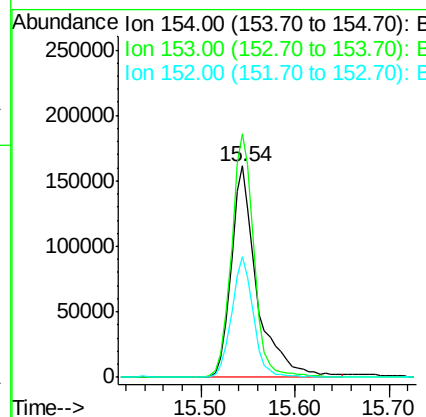
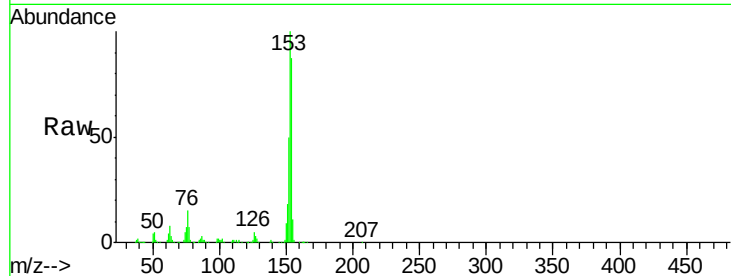
ClientSampleId :

PB107894BS

Tot Ion:	154	Resp:	311579
Ion Ratio	Lower	Upper	
154	100		
153	115.3	90.4	135.6
152	57.2	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 16.911 ng

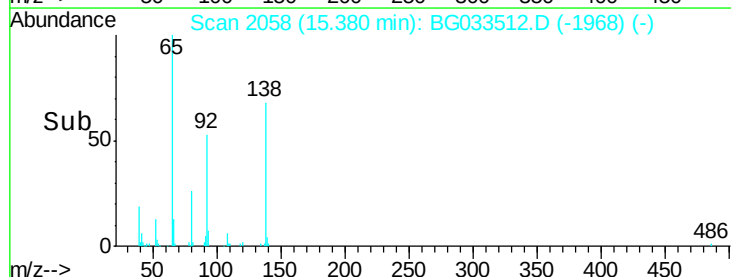
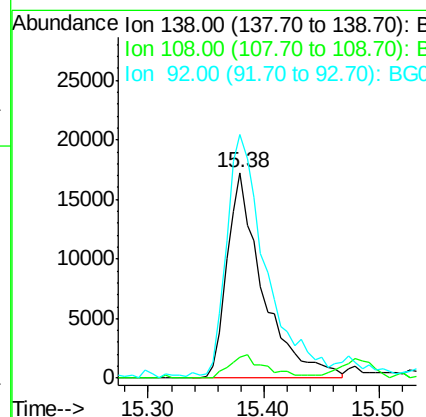
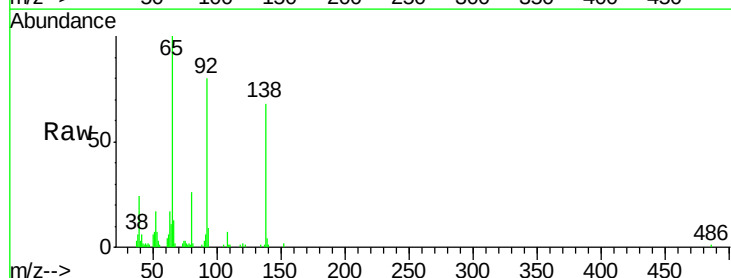
RT: 15.38 min Scan# 2058

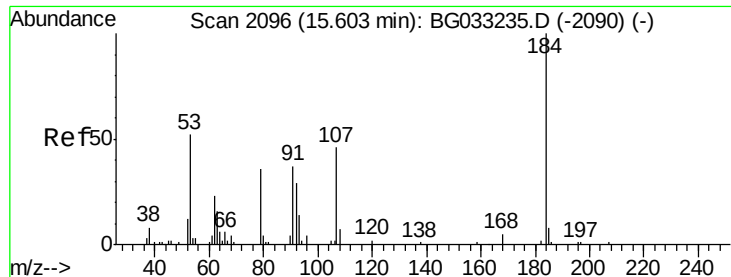
Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	138	Resp:	37012
Ion Ratio	Lower	Upper	
138	100		
108	9.9	17.5	26.3#
92	118.5	105.8	158.8





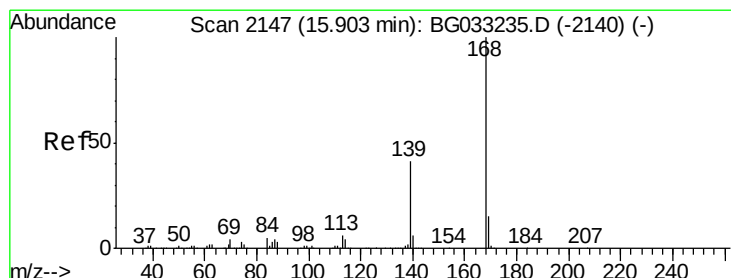
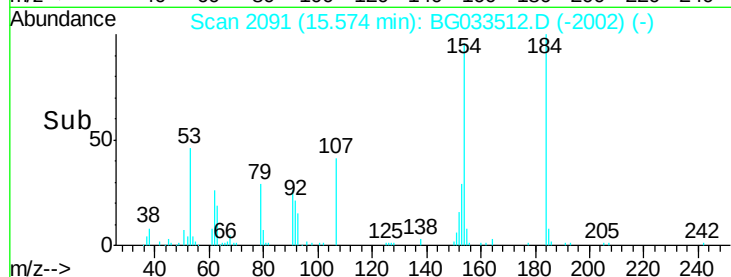
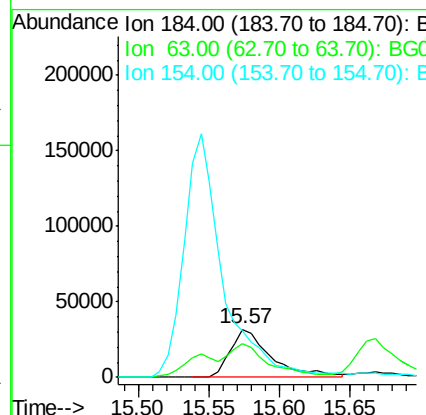
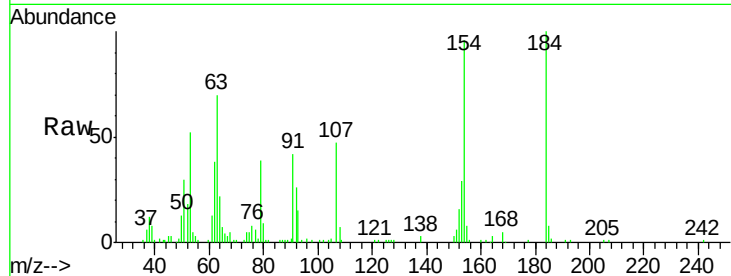
#53
2,4-Dinitrophenol
Concen: 60.971 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.9	59.8	89.8
154	96.2	101.8	152.8#

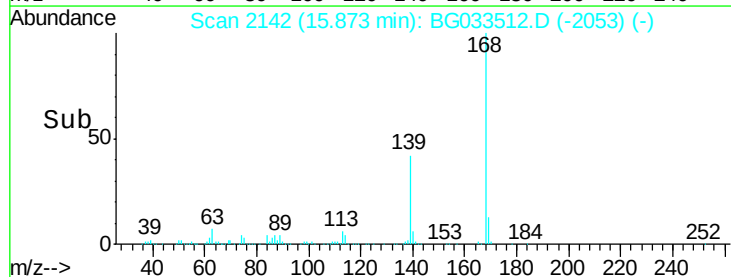
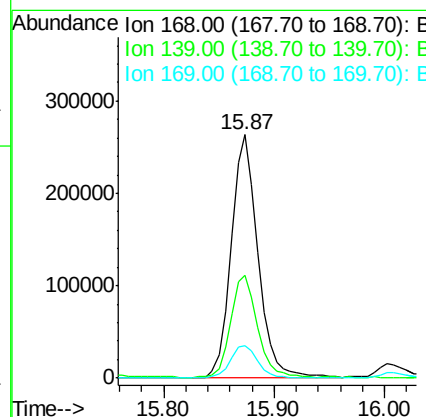
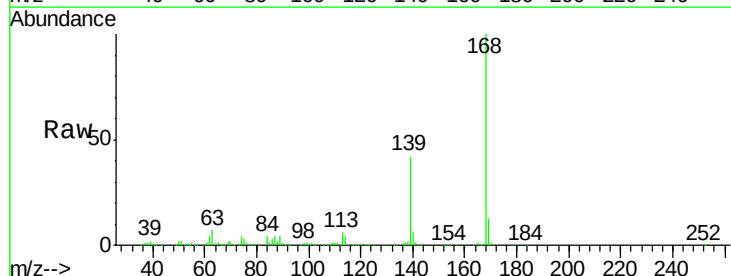
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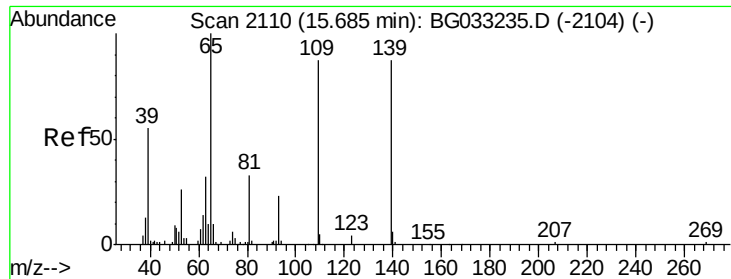
Sohil
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#54
Dibenzofuran
Concen: 40.645 ng
RT: 15.87 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	28.6	43.0
169	13.2	11.2	16.8





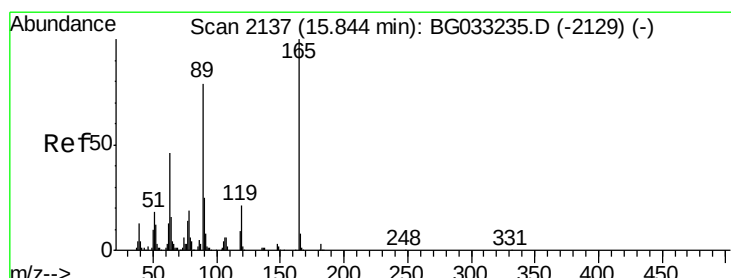
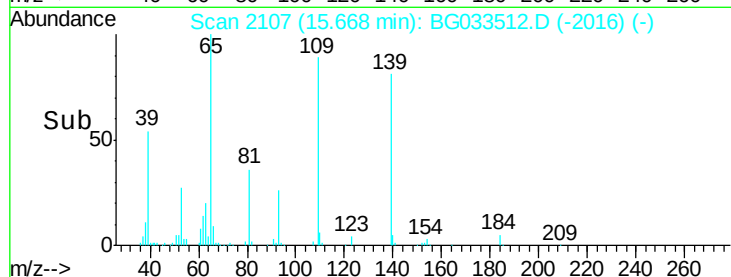
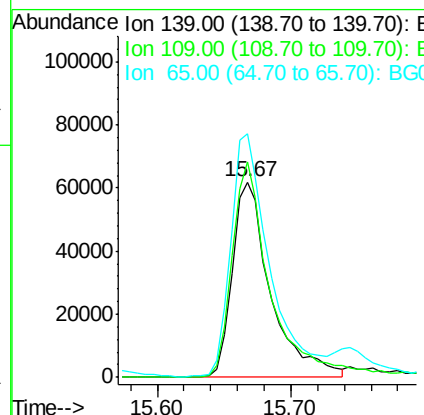
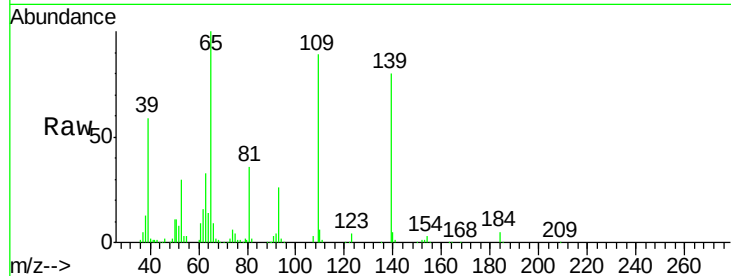
#55
4-Nitrophenol
Concen: 80.744 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	110.5	62.2	102.2#
65	124.8	97.2	137.2

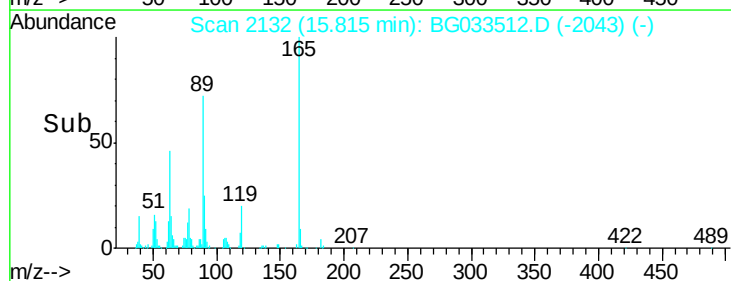
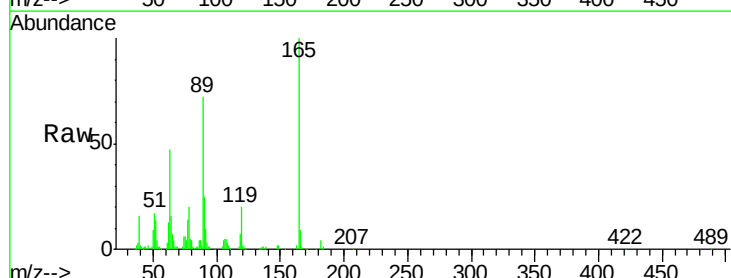
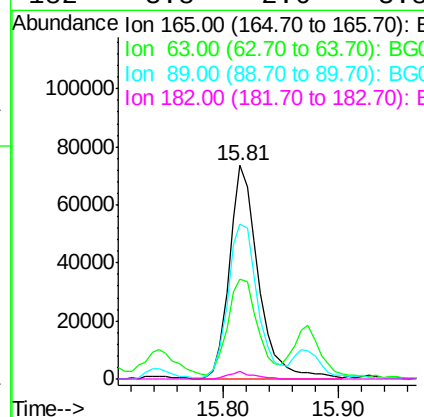
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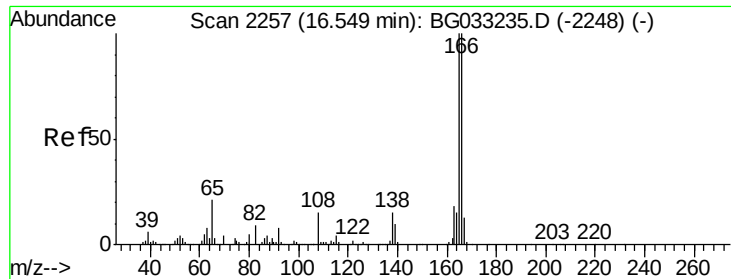
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.713 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.5	42.0	63.0
89	72.4	66.9	100.3
182	3.8	2.6	3.8#





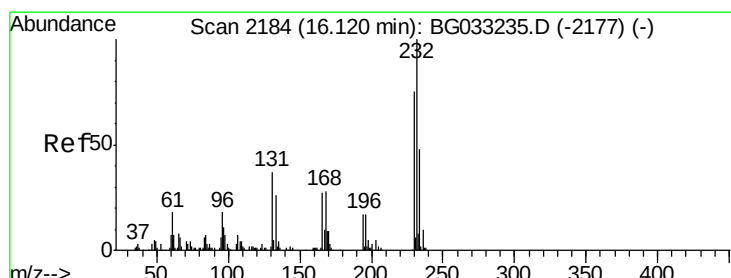
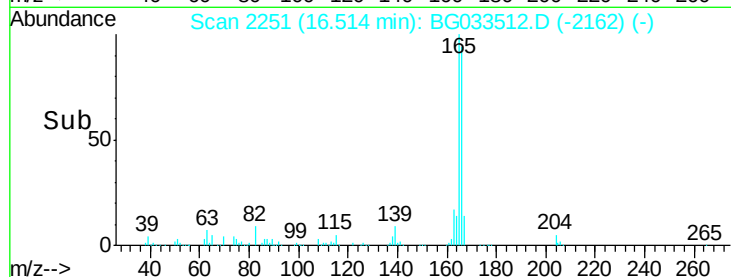
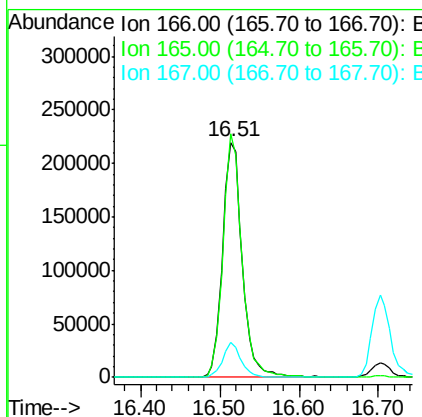
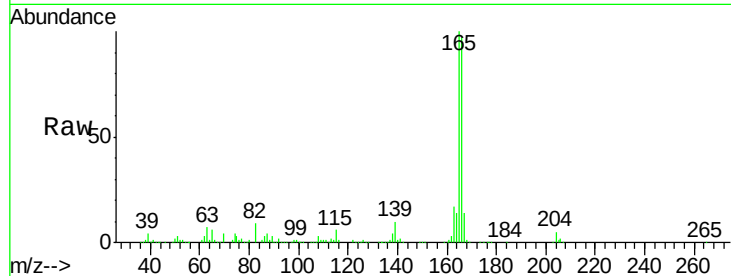
#57
 Fluorene
 Concen: 40.163 ng
 RT: 16.51 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	377950		
165	103.6	80.6	121.0	
167	14.8	10.4	15.6	

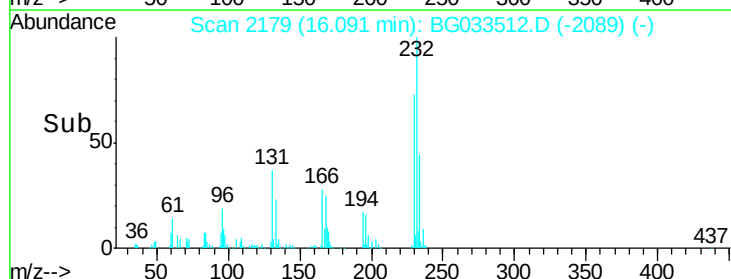
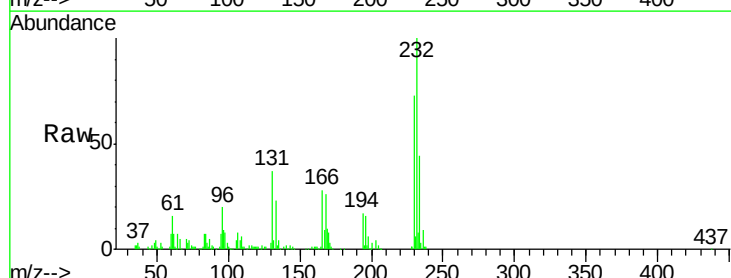
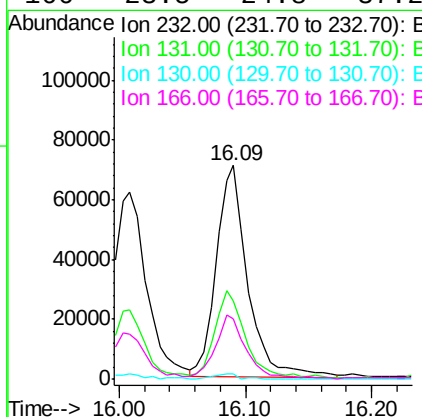
Manual Integrations
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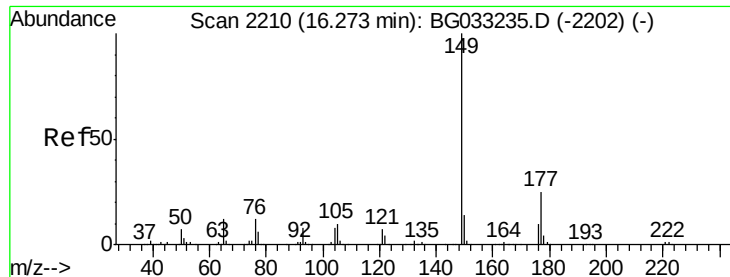
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.669 ng m
 RT: 16.09 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	122726		
131	33.4	33.5	50.3#	
130	2.3	2.2	3.2	
166	23.5	24.8	37.2#	





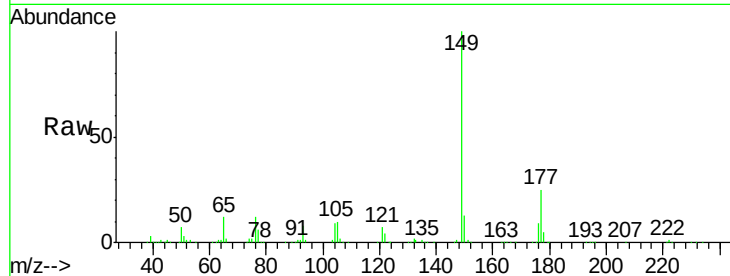
#59
Diethylphthalate
Concen: 40.082 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampled :
PB107894BS

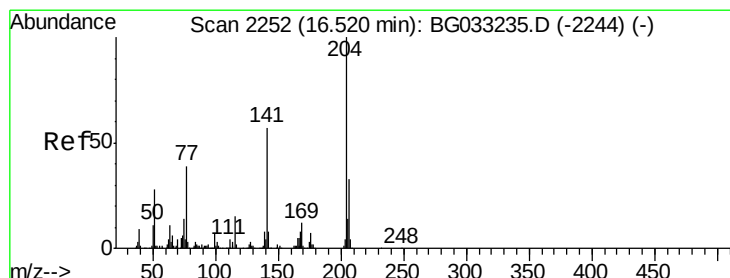
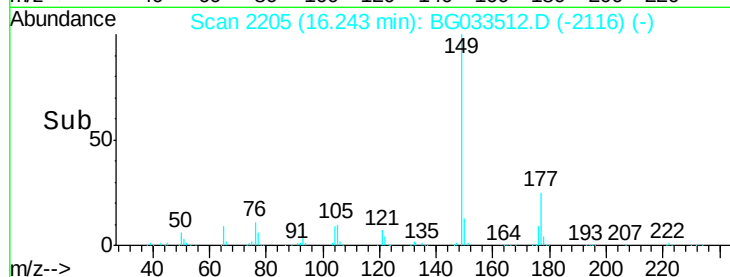
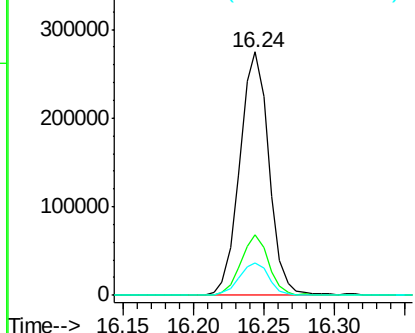
Tot Ion	Ratio	Resp	Lower	Upper
149	100	397380		
177	25.0	18.5	27.7	
150	13.3	10.2	15.2	

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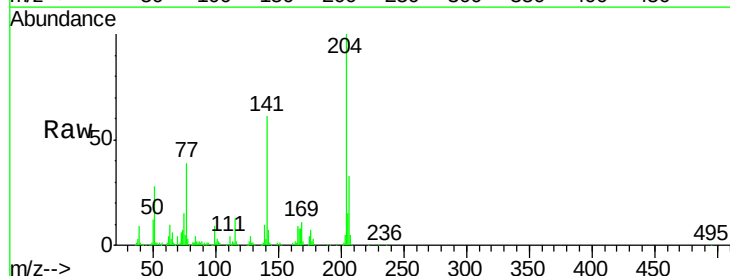


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

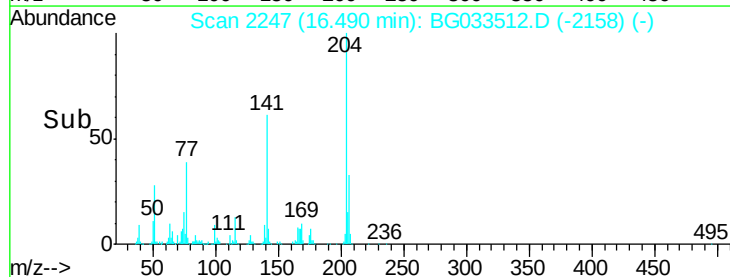
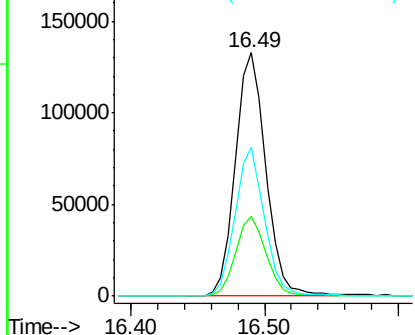


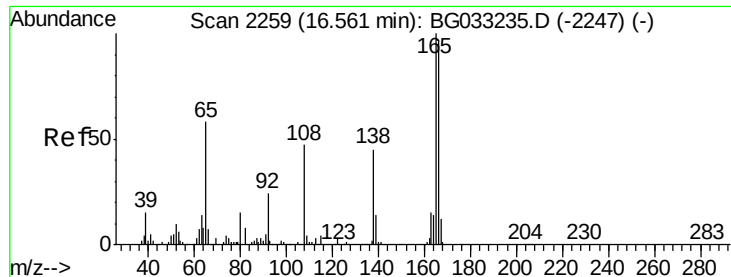
#60
4-Chlorophenyl-phenylether
Concen: 38.917 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	210524		
206	33.0	26.2	39.2	
141	61.2	45.8	68.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.517 ng

RT: 16.53 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

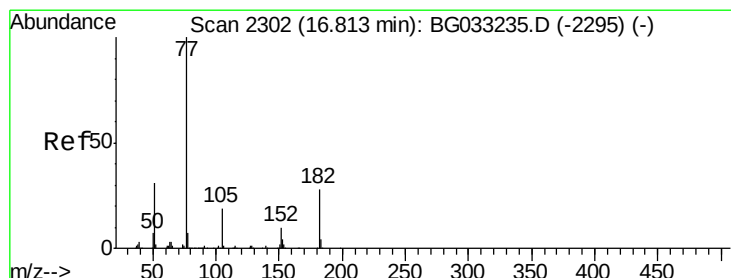
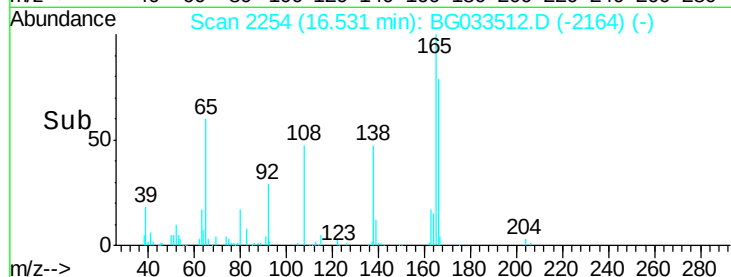
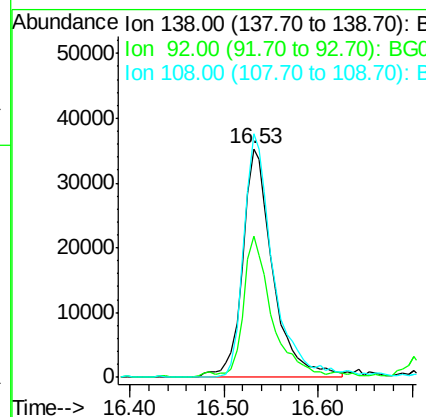
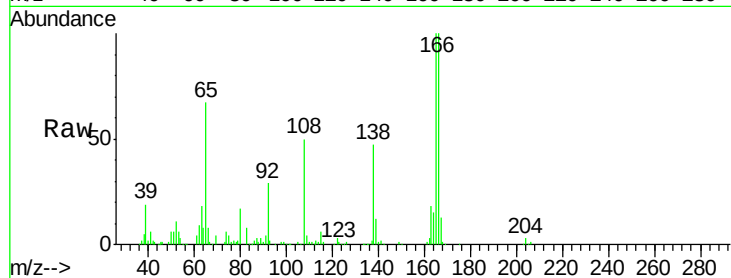
ClientSampled :

PB107894BS

Tot Ion:	138	Resp:	78721
Ion Ratio	Lower	Upper	
138	100		
92	62.0	40.1	80.1
108	106.5	65.4	105.4#

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#62

Azobenzene

Concen: 41.438 ng

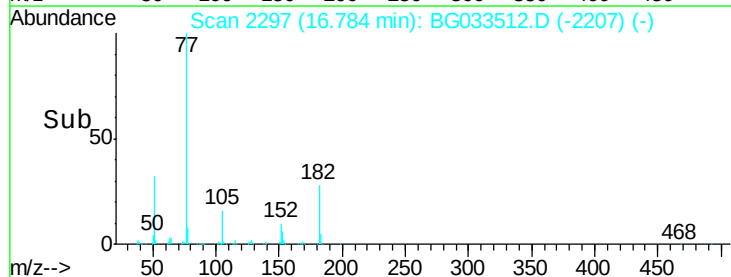
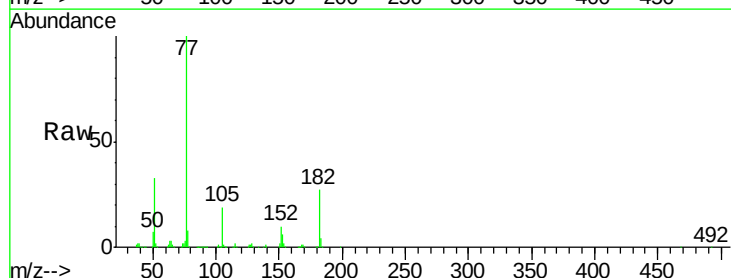
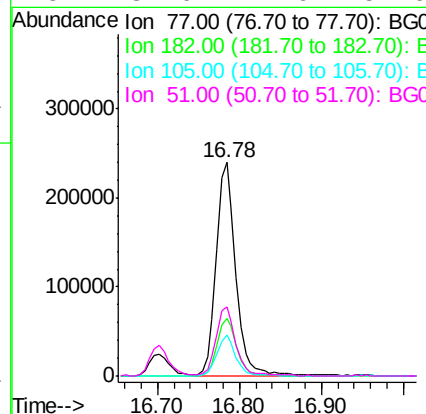
RT: 16.78 min Scan# 2297

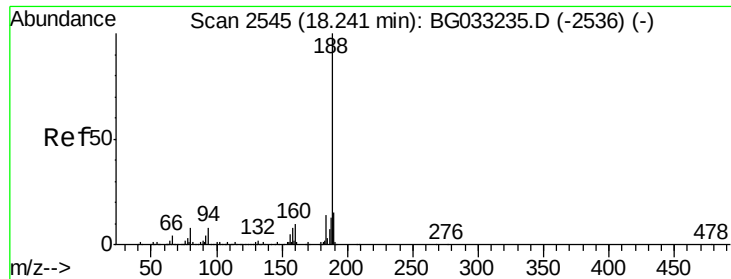
Delta R.T. -0.00 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Tgt Ion:	77	Resp:	397960
Ion Ratio	Lower	Upper	
77	100		
182	27.2	7.4	47.4
105	19.3	0.3	40.3
51	32.6	11.6	51.6





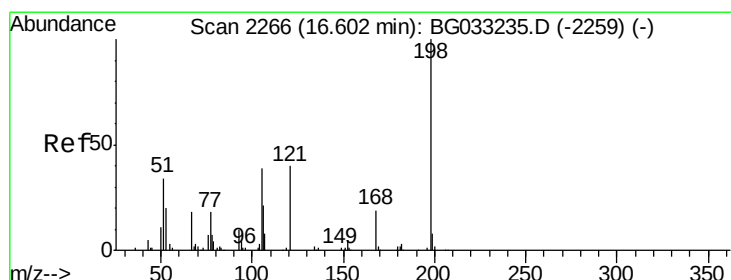
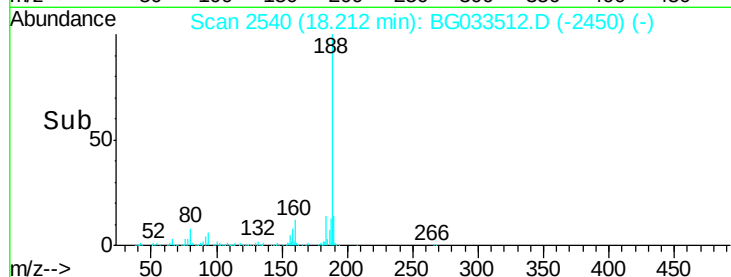
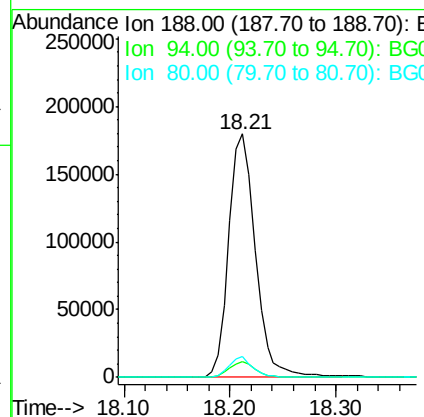
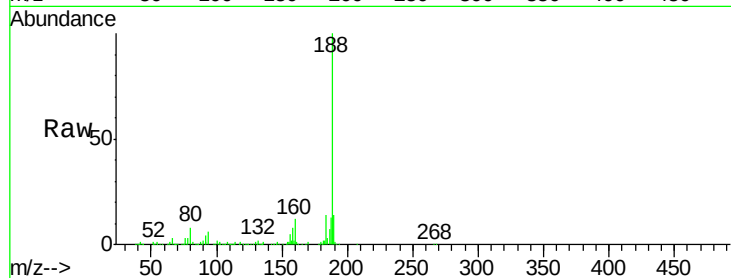
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.5	7.7	11.5

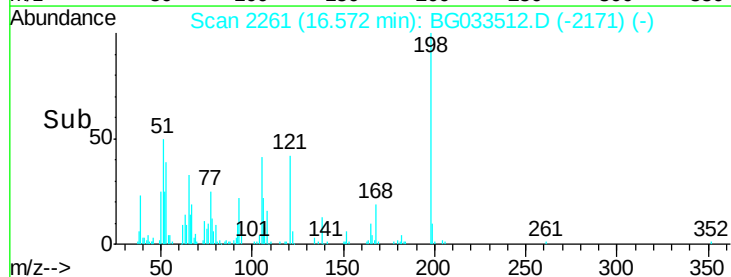
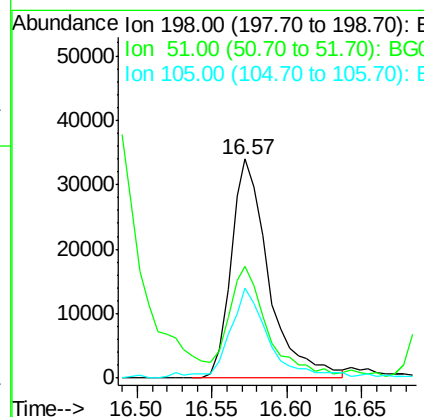
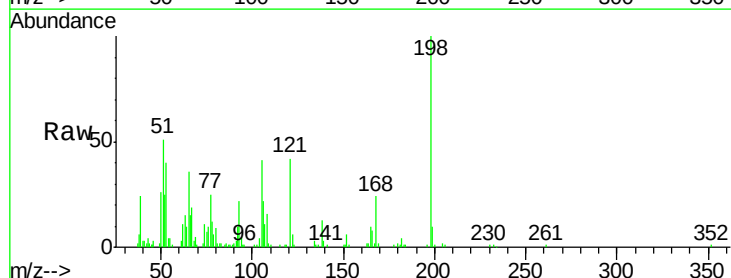
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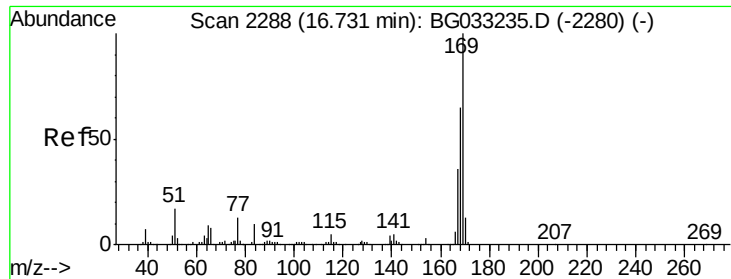
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.603 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	51.0	30.6	70.6
105	41.1	23.8	63.8





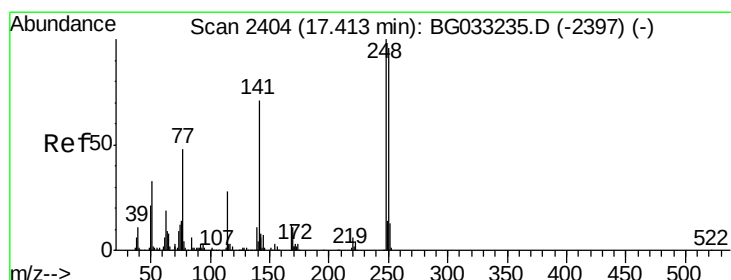
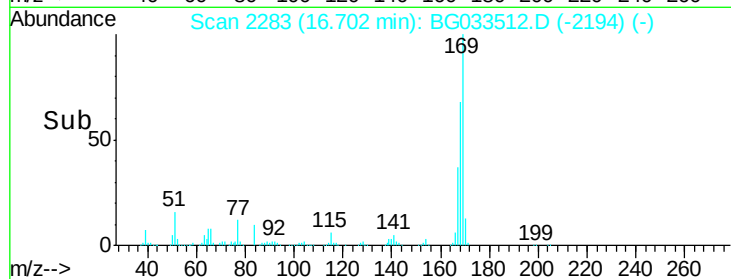
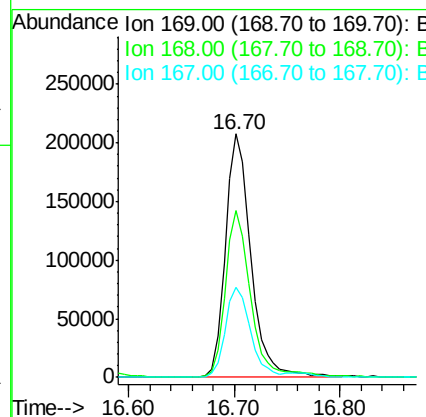
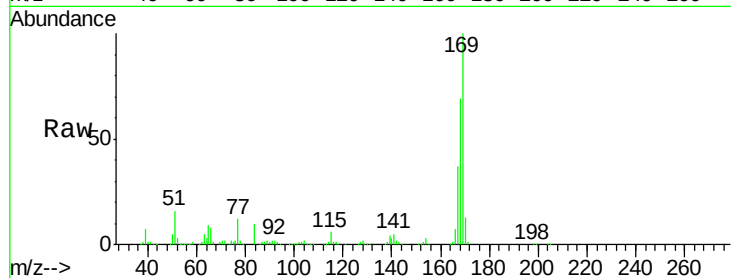
#65
n-Nitrosodiphenylamine
Concen: 38.569 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.7	83.5
167	36.9	30.1	45.1

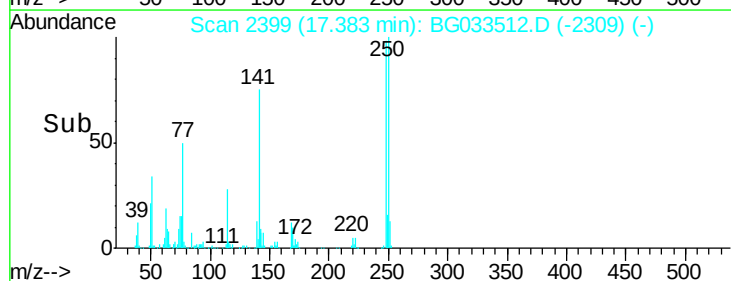
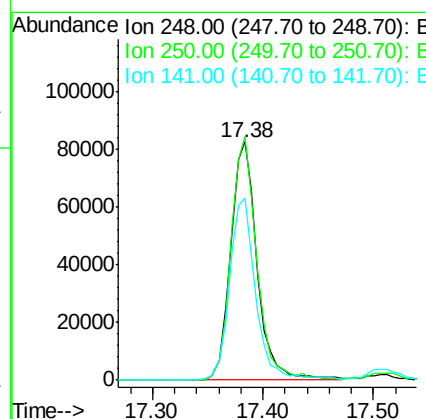
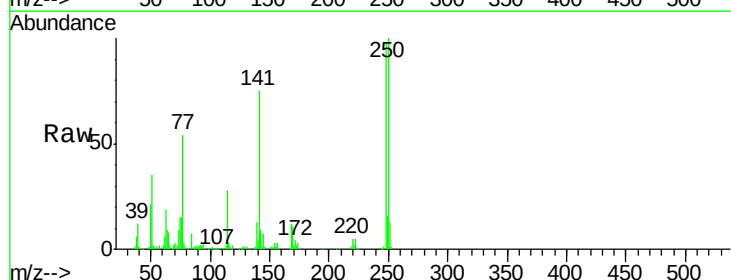
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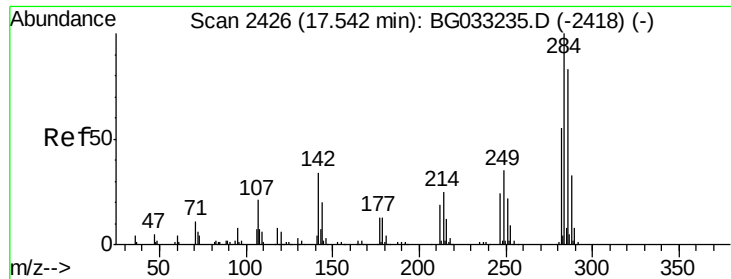
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#66
4-Bromophenyl-phenylether
Concen: 37.347 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.3	77.1	115.7
141	76.8	50.8	76.2





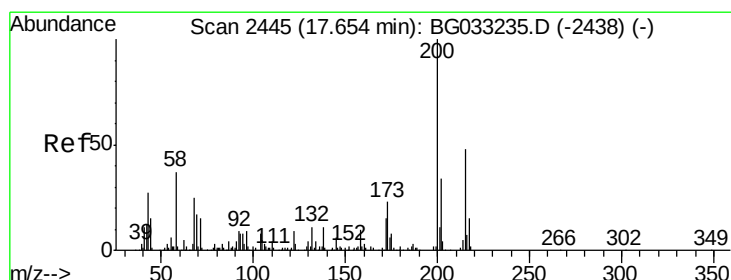
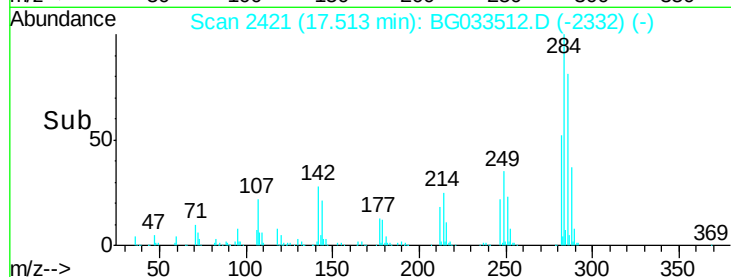
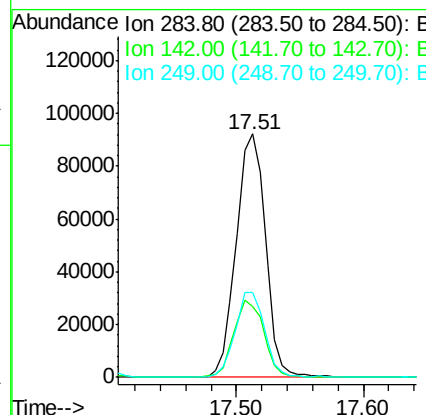
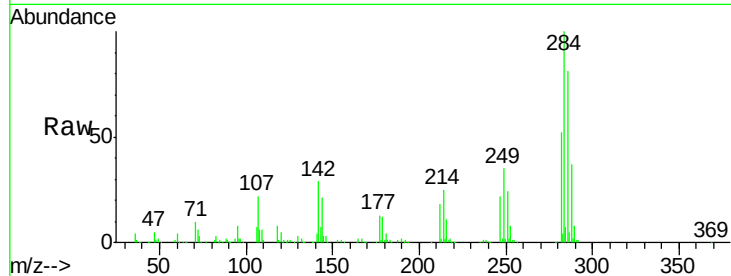
#67
Hexachlorobenzene
Concen: 37.636 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion:	284	Resp:	147422
Ion Ratio		Lower	Upper
284	100		
142	28.8	26.8	40.2
249	34.7	26.3	39.5

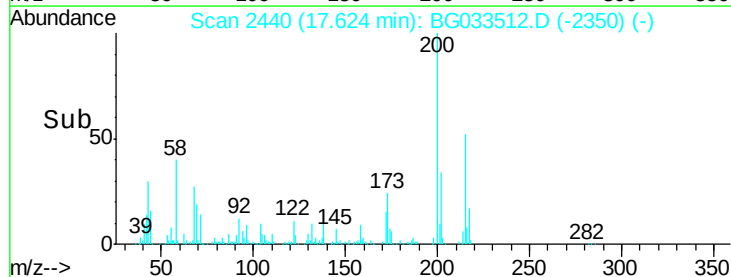
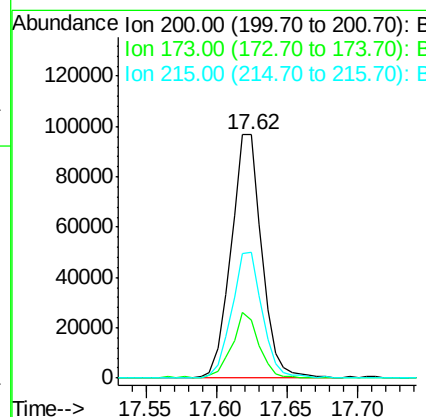
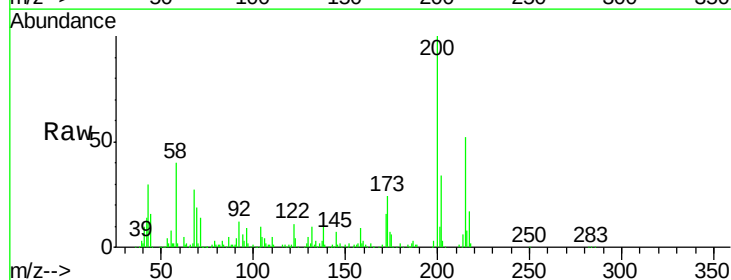
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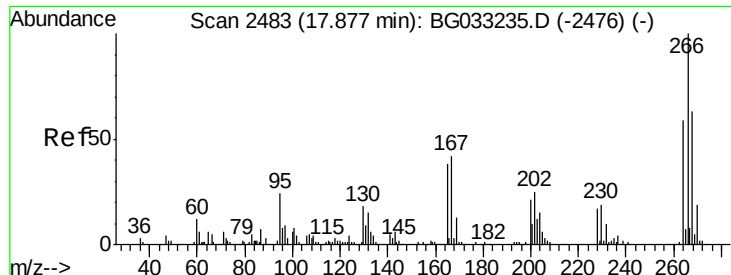
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#68
Atrazine
Concen: 40.182 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion:	200	Resp:	146909
Ion Ratio		Lower	Upper
200	100		
173	24.1	5.2	45.2
215	51.8	30.4	70.4





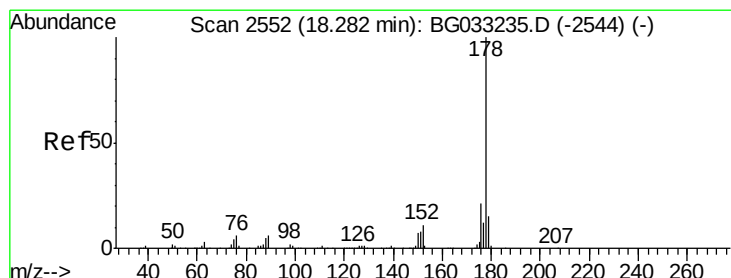
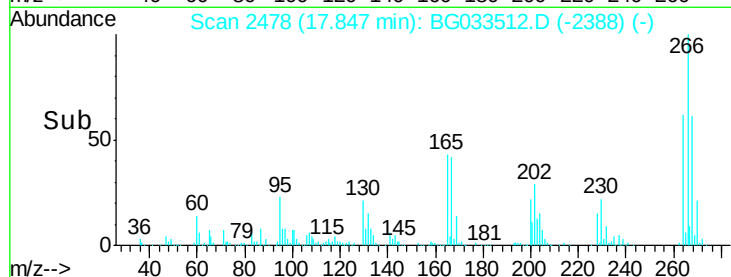
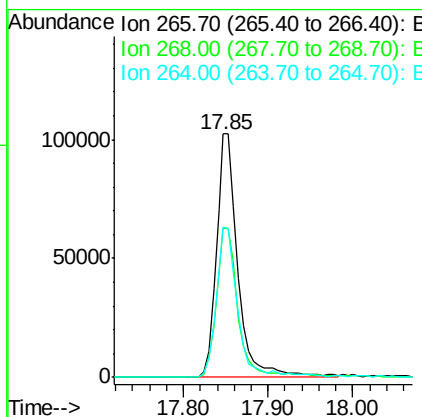
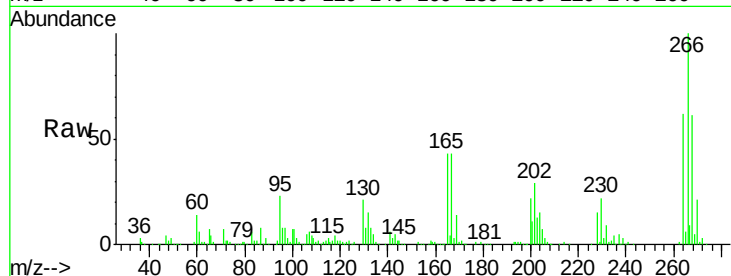
#69
 Pentachlorophenol
 Concen: 67.537 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampled :
 PB107894BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	61.9	49.6	74.4

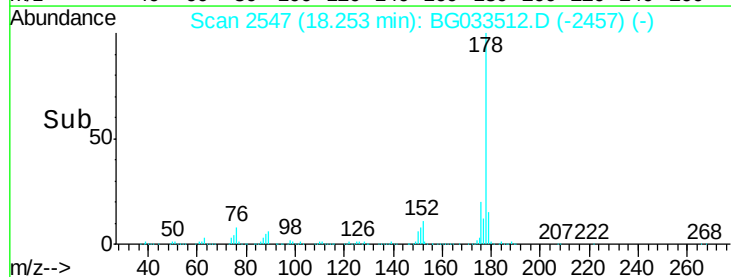
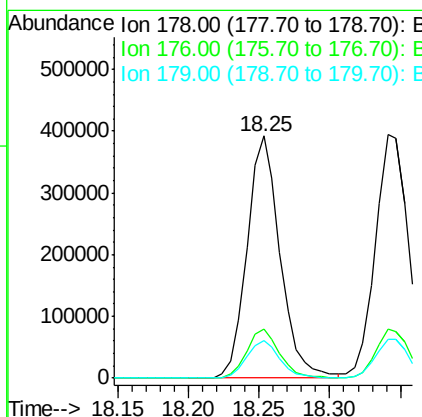
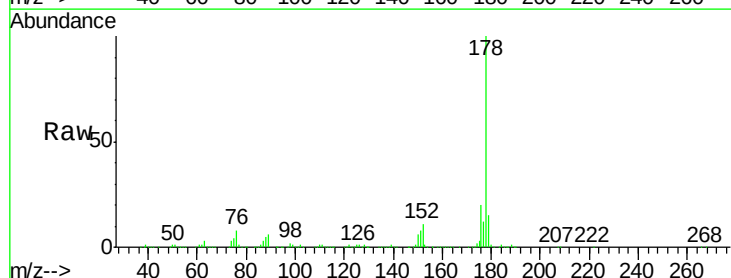
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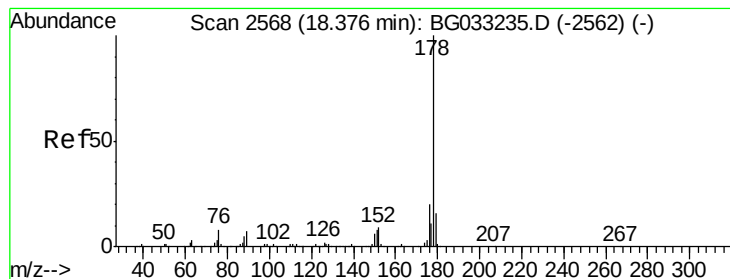
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#70
 Phenanthrene
 Concen: 39.188 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.4	12.5	18.7





#71

Anthracene

Concen: 40.770 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

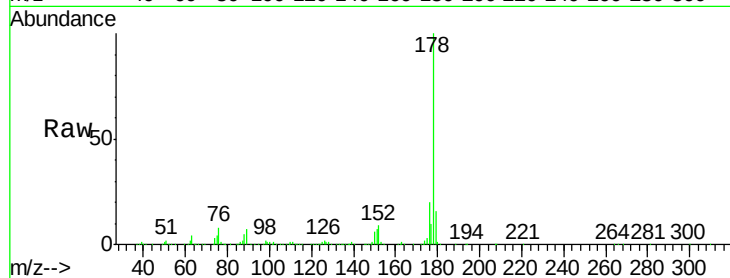
ClientSampleId :

PB107894BS

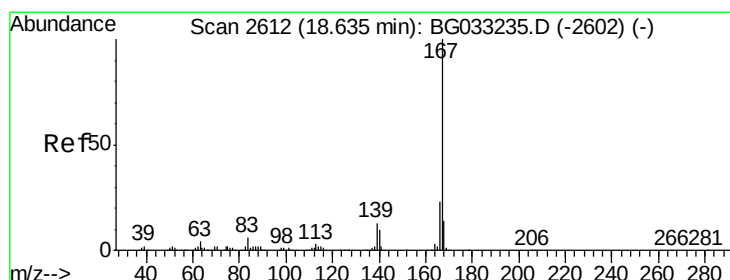
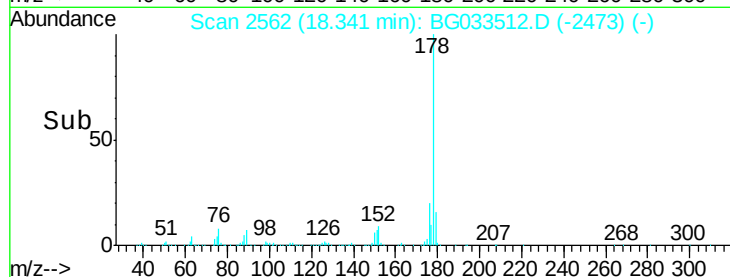
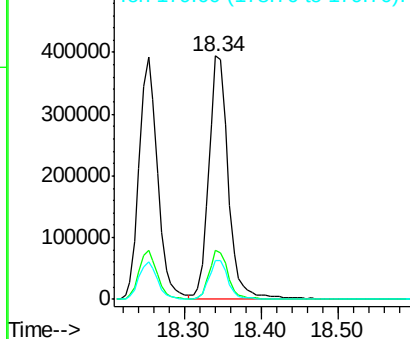
Tot Ion:	178	Resp:	679459
Ion Ratio		Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.1	12.5	18.7

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



#72

Carbazole

Concen: 39.710 ng

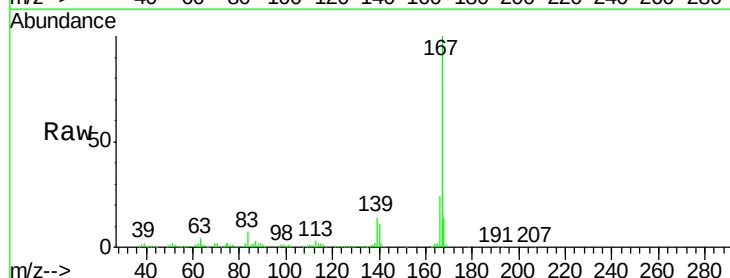
RT: 18.60 min Scan# 2606

Delta R.T. -0.01 min

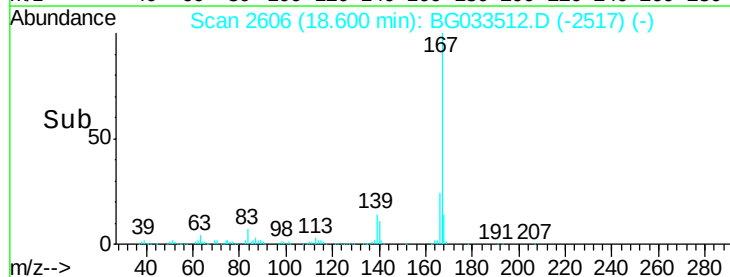
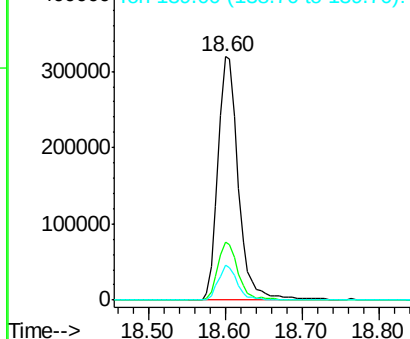
Lab File: BG033512.D

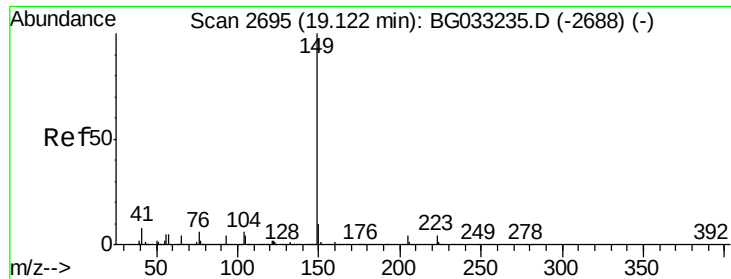
Acq: 3 Apr 2018 6:39

Tgt Ion:	167	Resp:	586431
Ion Ratio		Lower	Upper
167	100		
166	24.1	18.2	27.4
139	14.3	9.4	14.2#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.724 ng

RT: 19.09 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

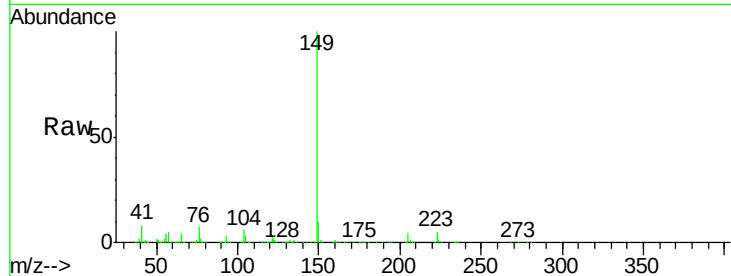
ClientSampleId :

PB107894BS

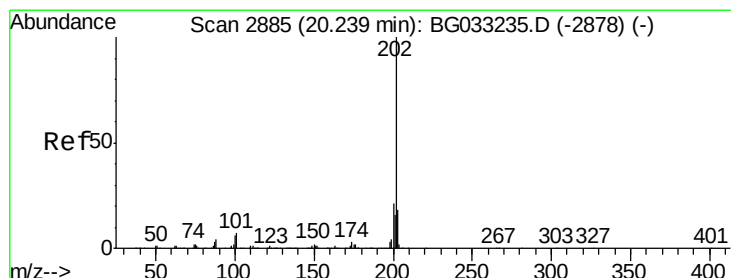
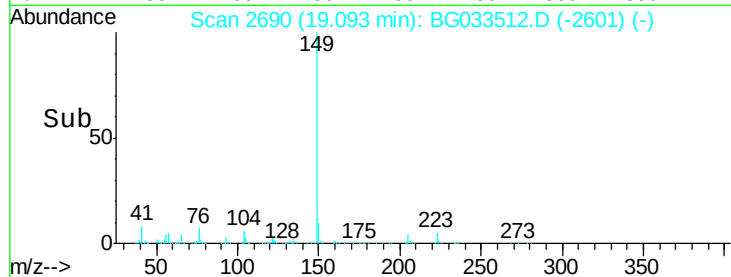
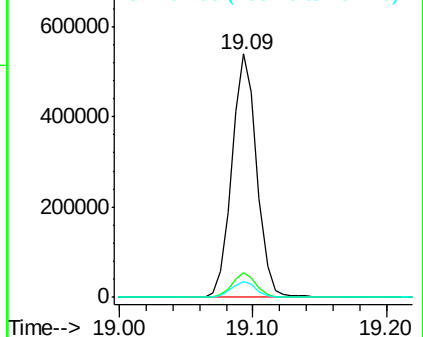
Tot Ion:	149	Resp:	700016
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	6.3	3.9	5.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.766 ng

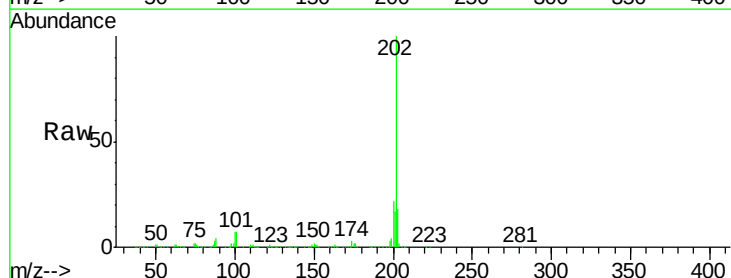
RT: 20.20 min Scan# 2879

Delta R.T. -0.01 min

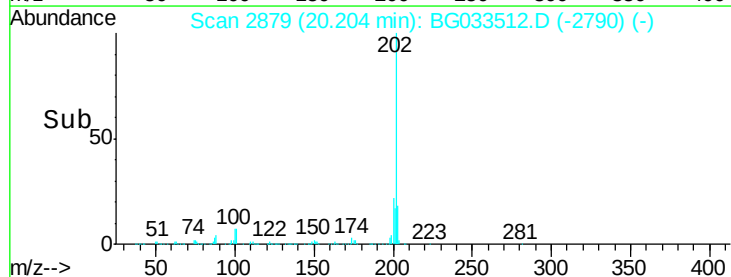
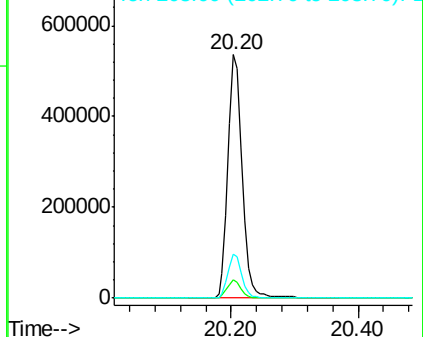
Lab File: BG033512.D

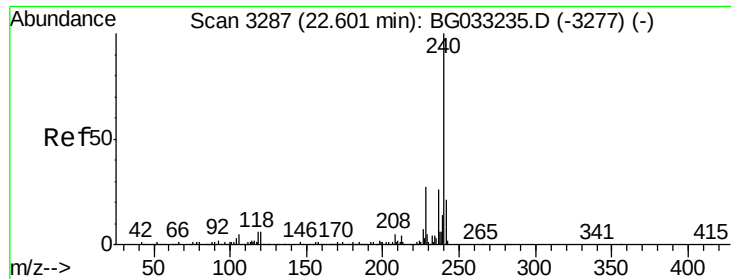
Acq: 3 Apr 2018 6:39

Tgt Ion:	202	Resp:	830339
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	28.9
203	18.1	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

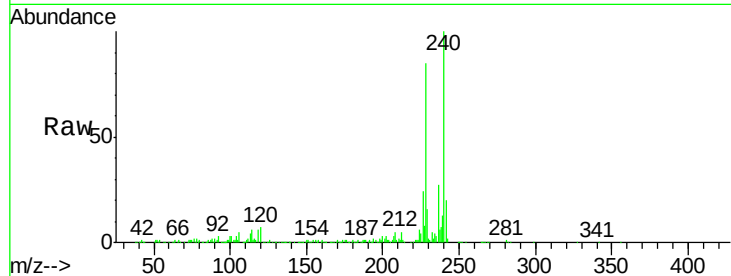
ClientSampleId :

PB107894BS

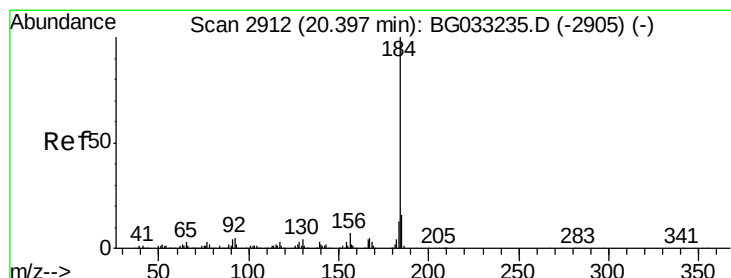
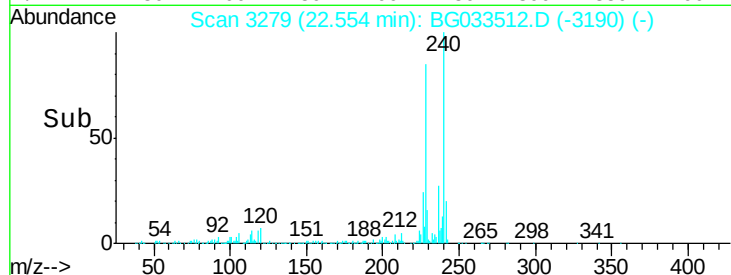
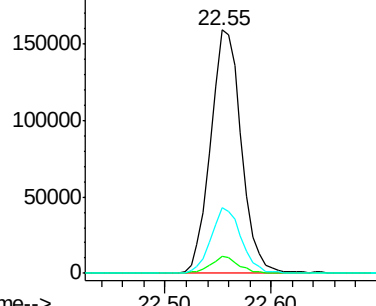
Tot Ion:	240	Resp:	321464
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.8	10.2
236	27.1	20.9	31.3

Manual Integrations
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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



#76

Benzidine

Concen: 22.602 ng

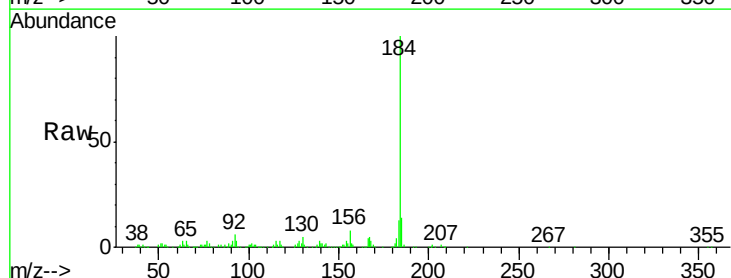
RT: 20.37 min Scan# 2907

Delta R.T. -0.00 min

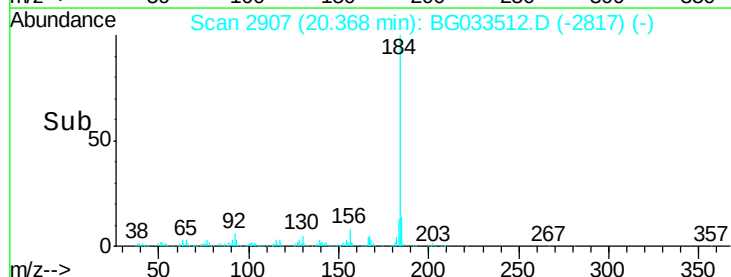
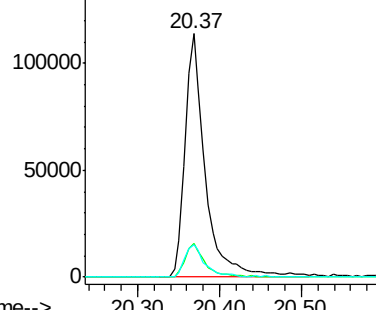
Lab File: BG033512.D

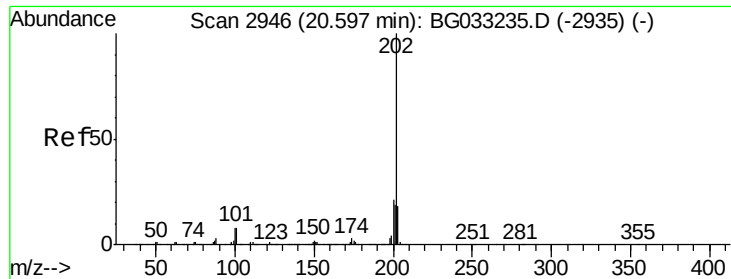
Acq: 3 Apr 2018 6:39

Tgt Ion:	184	Resp:	197040
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.1	16.7
183	13.5	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





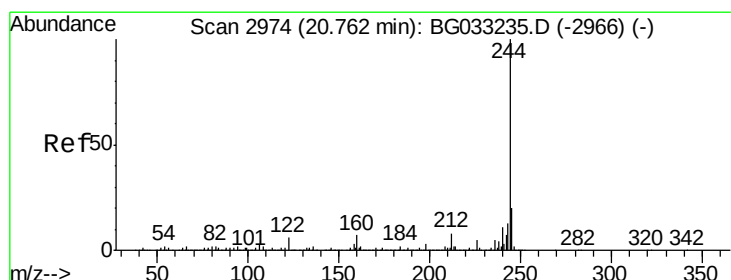
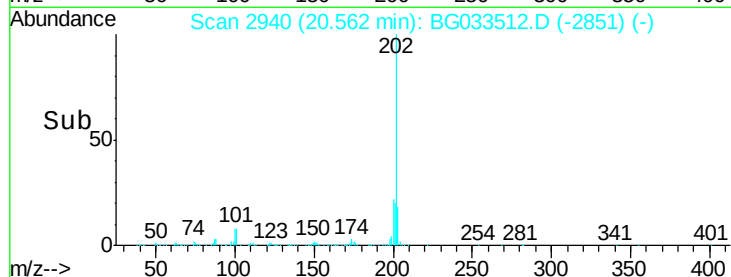
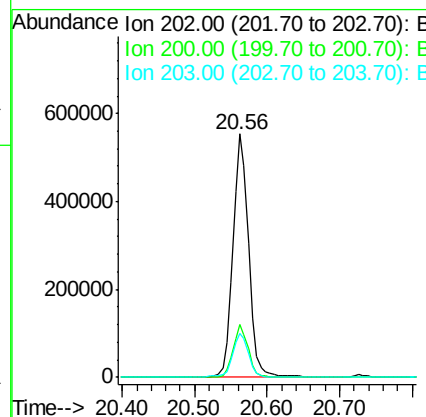
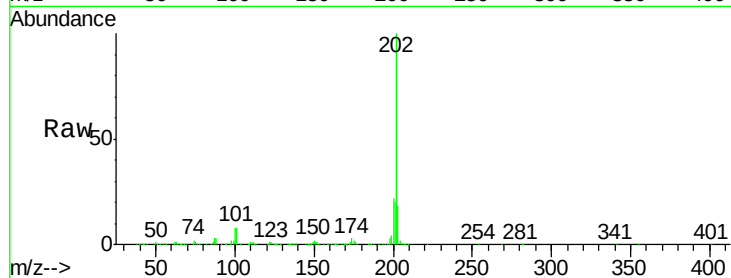
#77
Pvrene
Concen: 38.748 ng
RT: 20.56 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.1	13.9	20.9

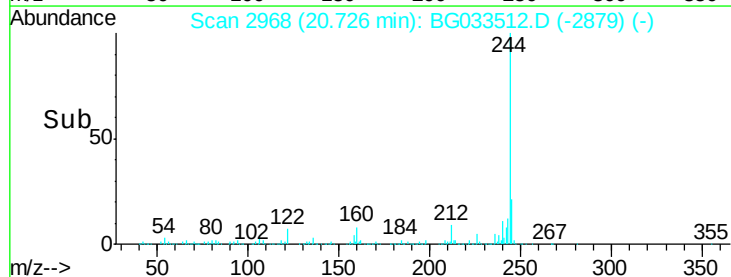
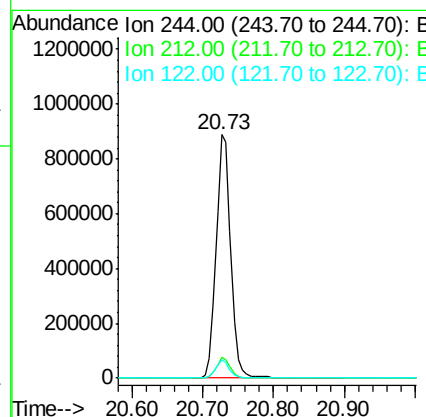
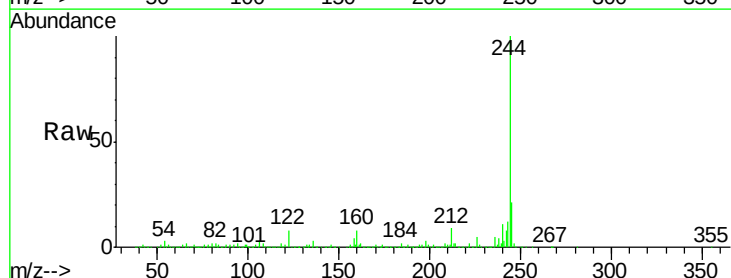
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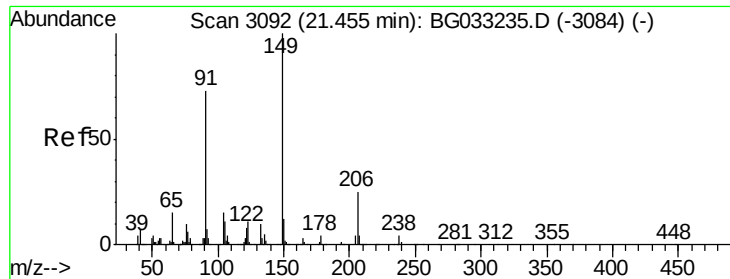
Sohil
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#78
Terphenyl-d14
Concen: 84.758 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.6	7.0	10.4





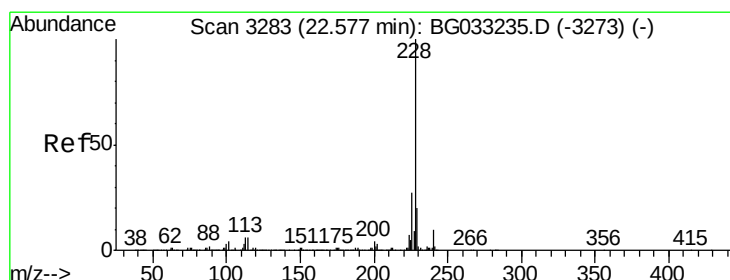
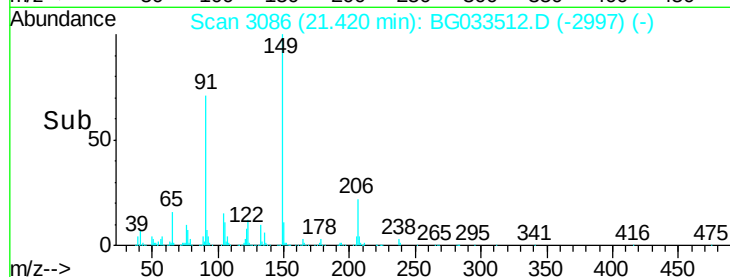
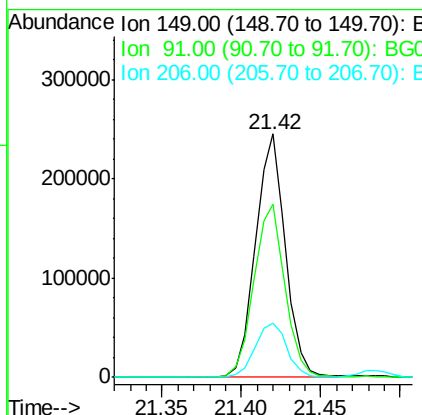
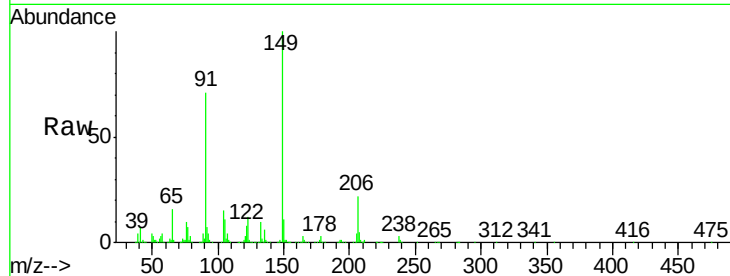
#79
Butylbenzylphthalate
Concen: 40.558 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	62.2	93.2
206	22.4	18.6	27.8

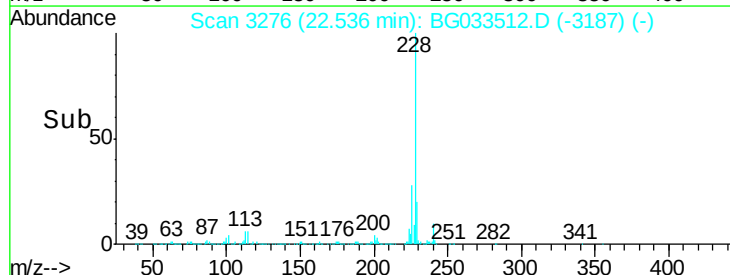
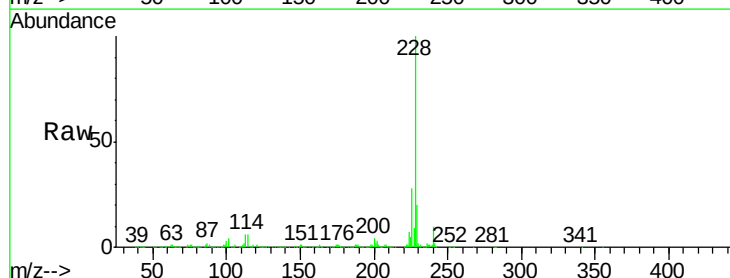
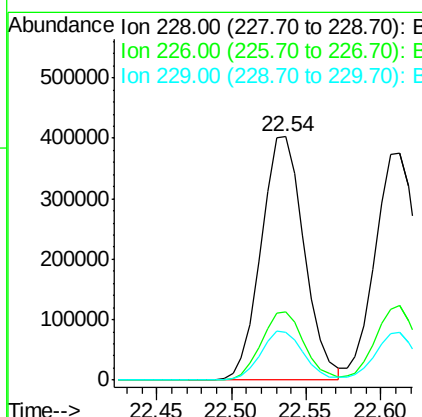
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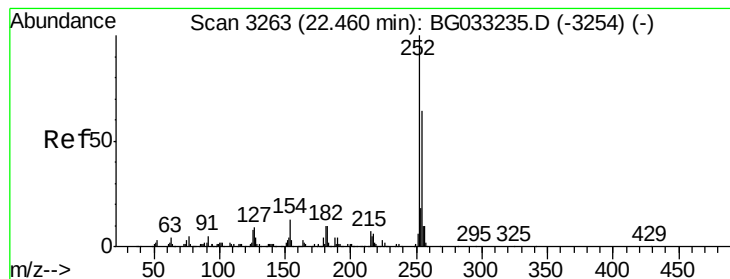
Sohil
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#80
Benzo(a)anthracene
Concen: 39.402 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	19.8	16.2	24.2





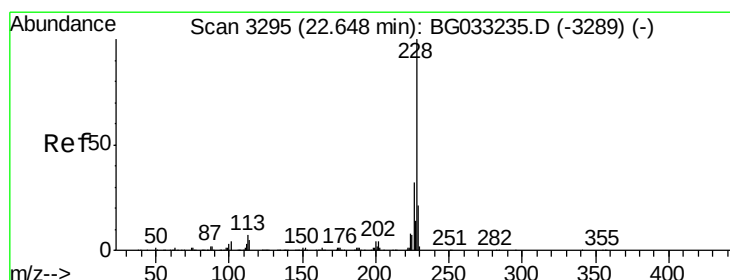
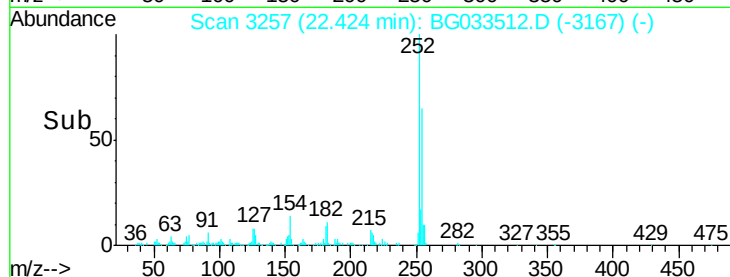
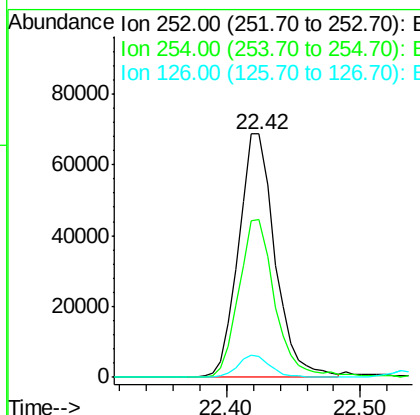
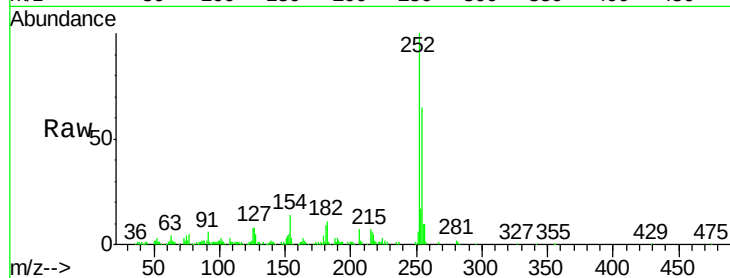
#81
 3,3'-Dichlorobenzidine
 Concen: 17.829 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.8	76.2
126	8.4	7.4	11.2

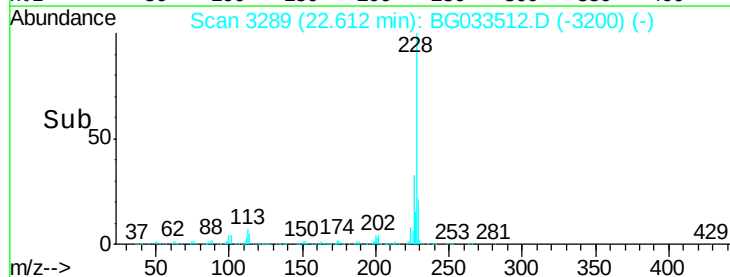
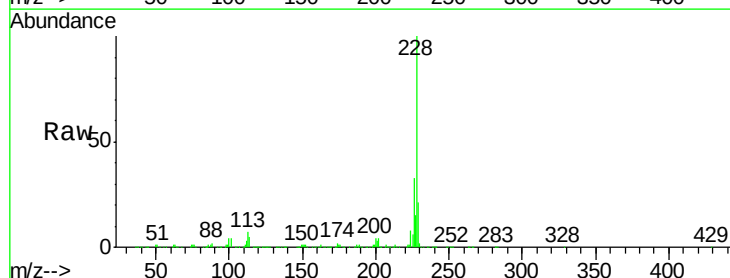
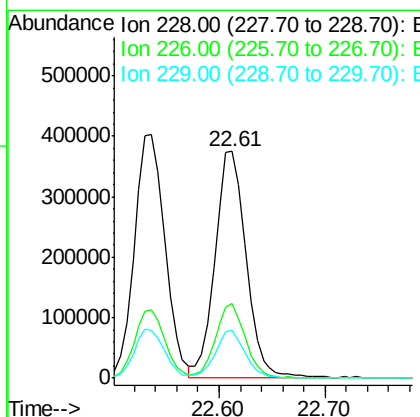
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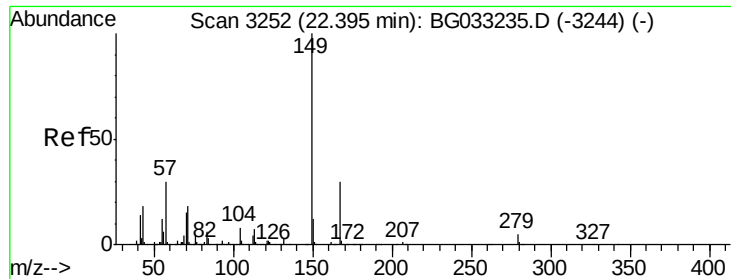
Sohil
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#82
 Chrysene
 Concen: 38.573 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	20.8	15.0	22.4





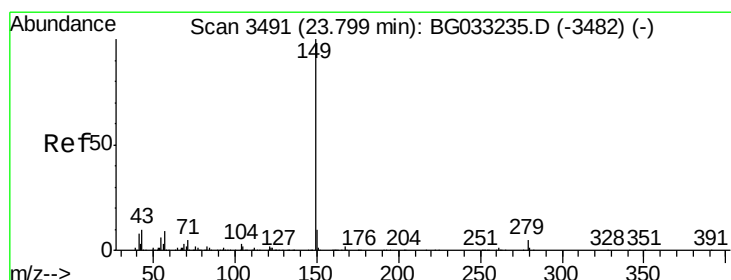
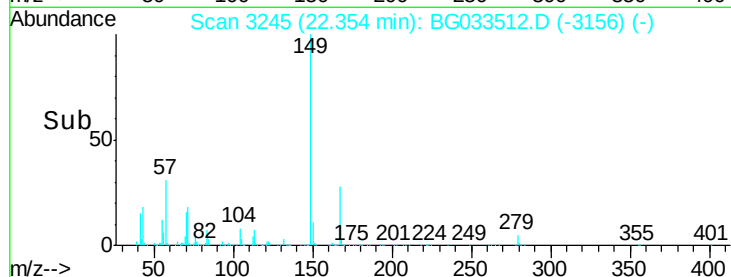
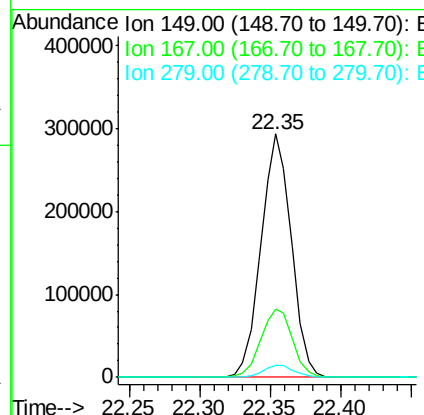
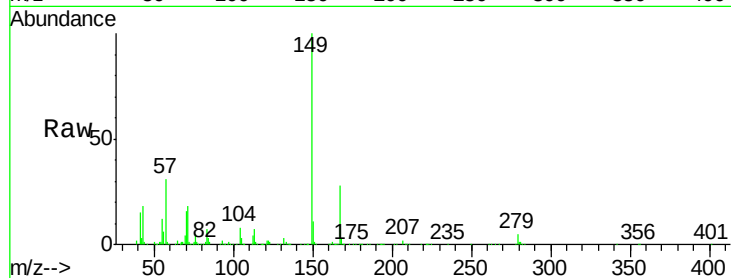
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.612 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.3	36.5
279	4.8	4.0	6.0

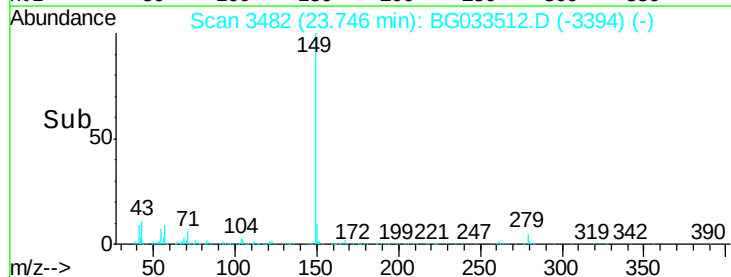
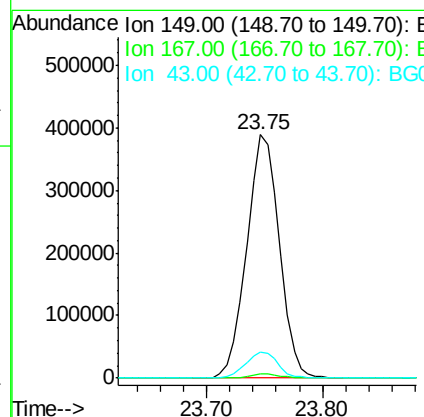
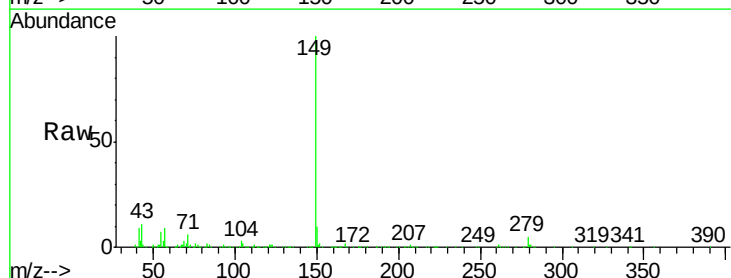
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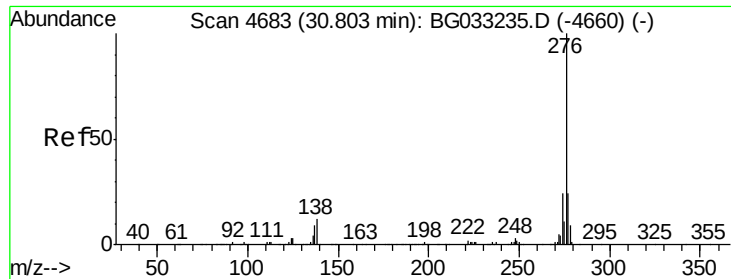
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 45.754 ng
 RT: 23.75 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	8.9	13.3





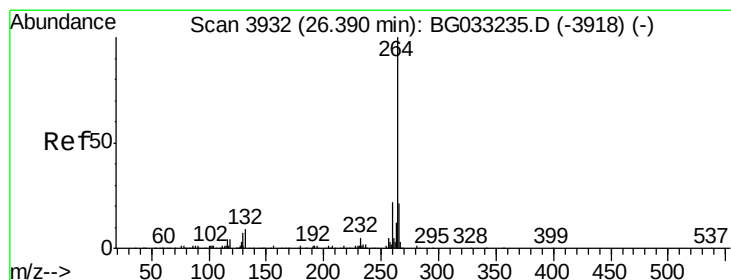
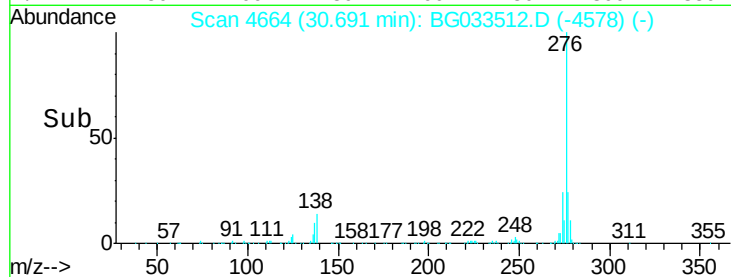
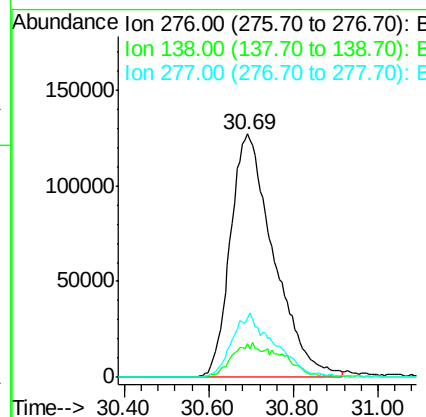
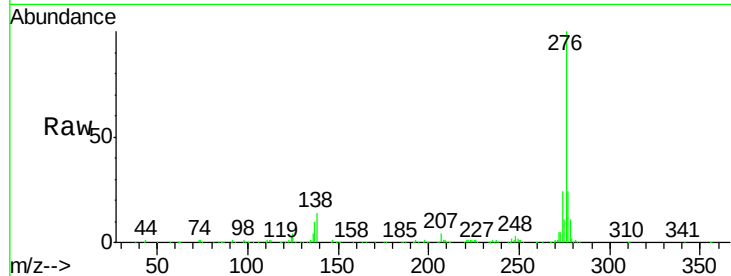
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.131 ng
 RT: 30.69 min Scan# 4664
 Delta R.T. -0.03 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107894BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.1	16.0	24.0#
277	25.4	20.0	30.0

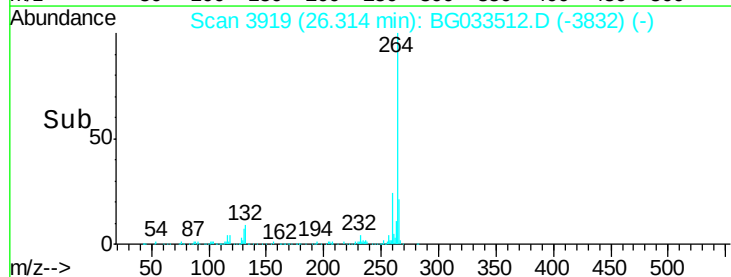
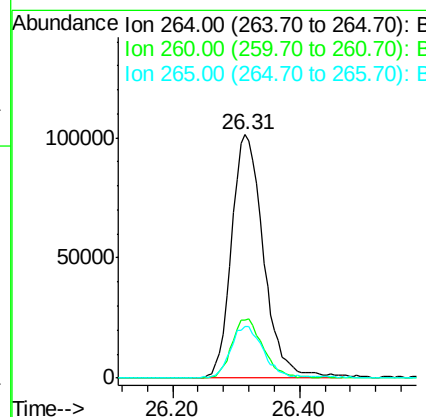
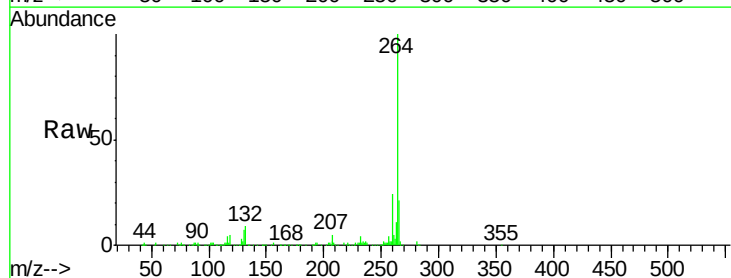
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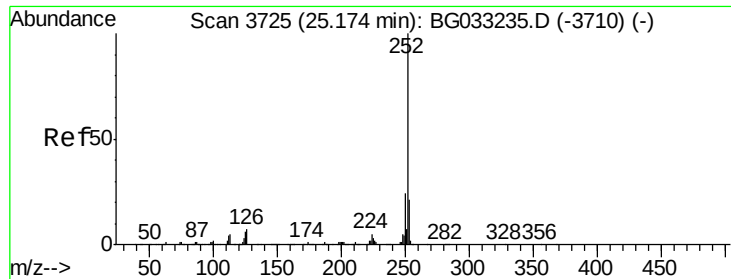
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033512.D
 Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.100 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG033512.D

Acq: 3 Apr 2018 6:39

Instrument :

BNA_G

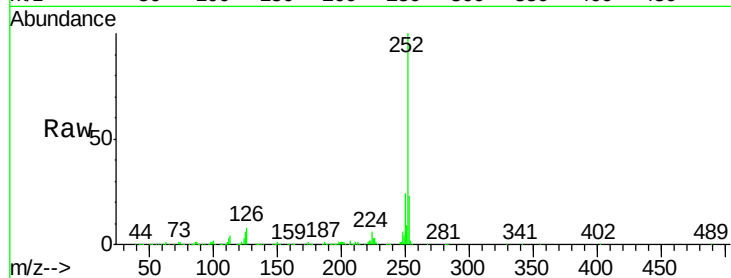
ClientSampleId :

PB107894BS

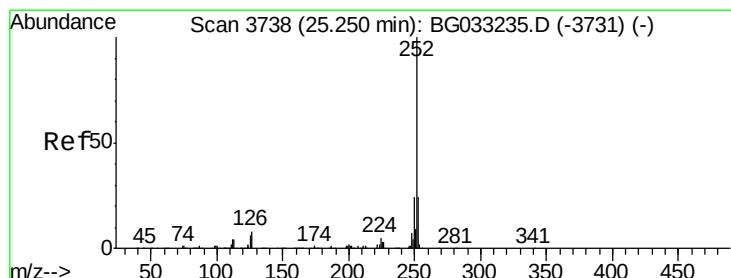
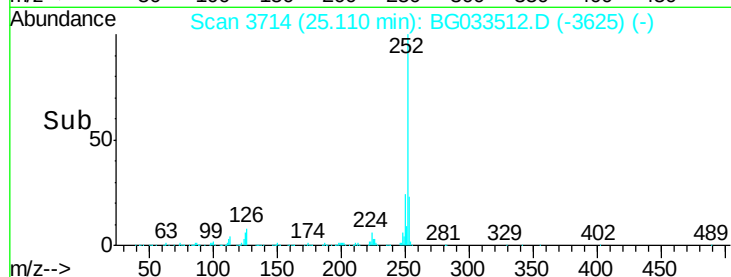
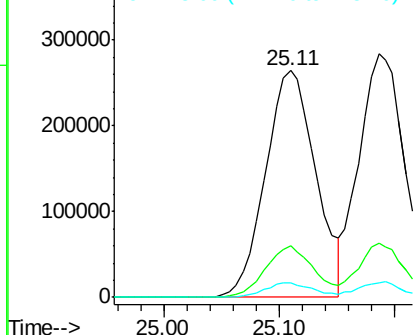
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.2	7.2	10.8

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



#88

Benzo(k)fluoranthene

Concen: 39.063 ng

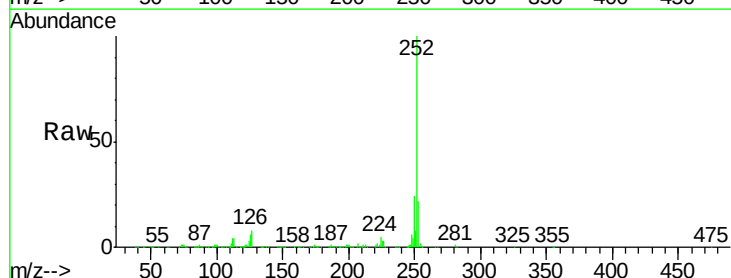
RT: 25.19 min Scan# 3727

Delta R.T. -0.01 min

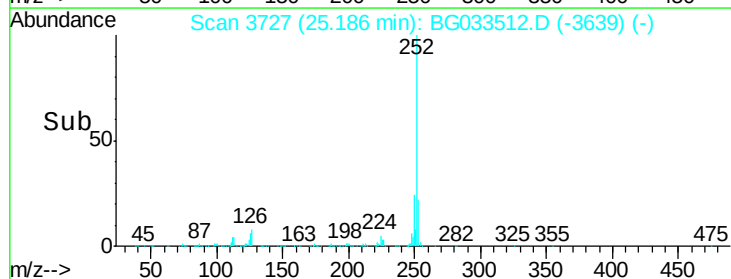
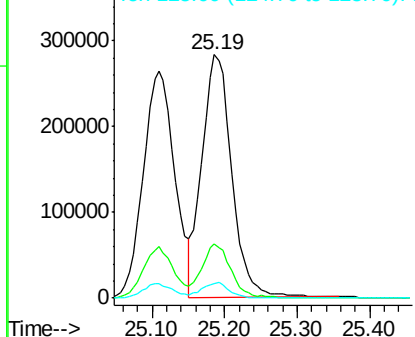
Lab File: BG033512.D

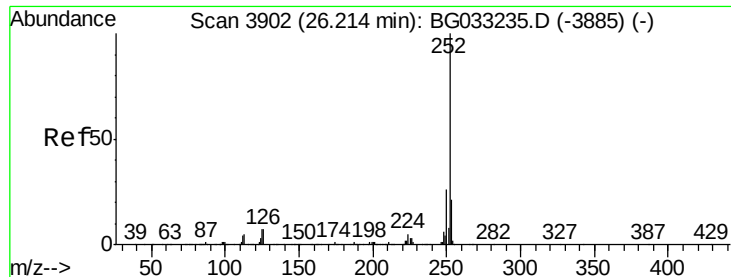
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	6.0	6.6	9.8



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





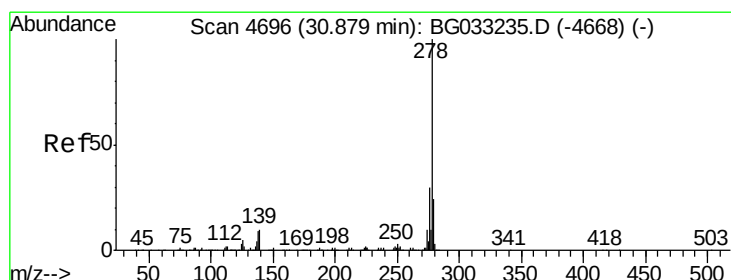
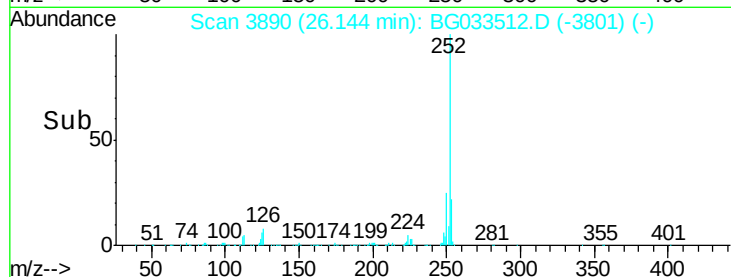
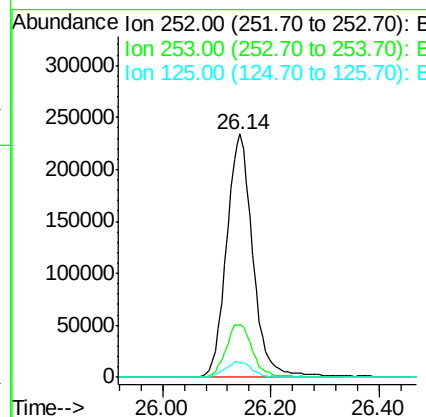
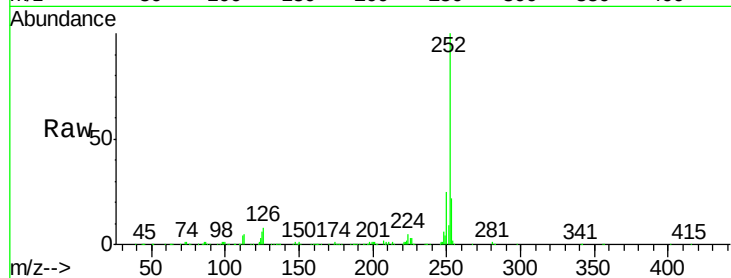
#89
Benzo(a)pyrene
Concen: 40.413 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	6.0	7.3	10.9#

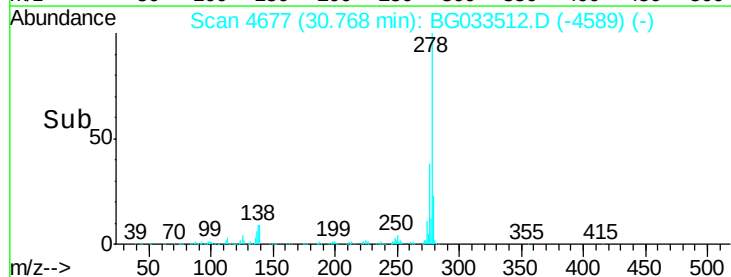
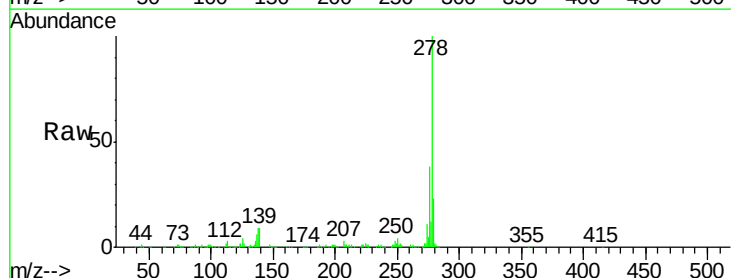
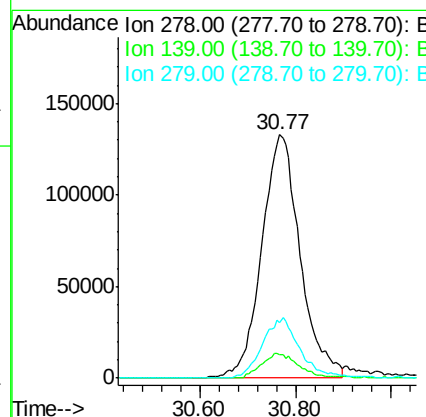
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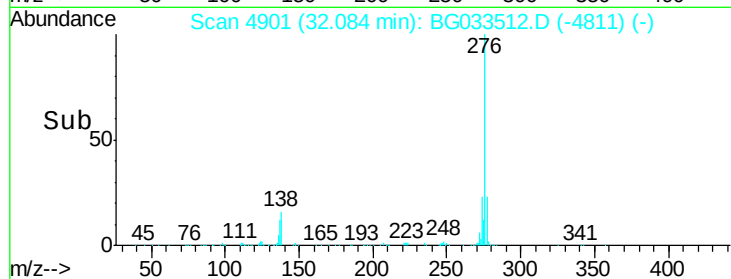
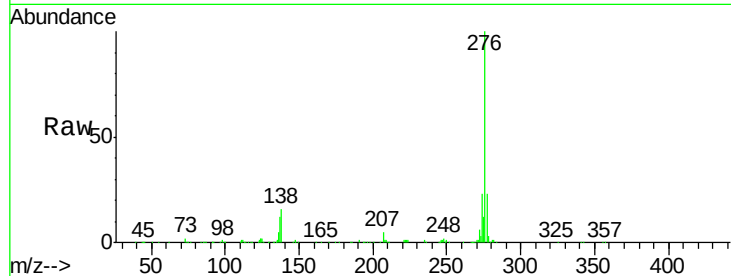
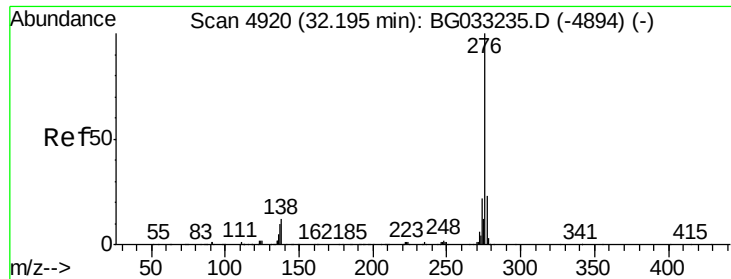
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.903 ng
RT: 30.77 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	22.7	18.4	27.6





#91
Benzo(a,h,i)perylene
Concen: 41.014 ng
RT: 32.08 min Scan# 4901
Delta R.T. -0.00 min
Lab File: BG033512.D
Acq: 3 Apr 2018 6:39

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	15.8	13.9	20.9

Manual Integrations
APPROVED

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4/3/2018 12:08:16 PM

