

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033494.D
 Acq On : 2 Apr 2018 19:24
 Operator : SJ/JU
 Sample : PB107833BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Manual Integrations
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 4/3/2018 12:08:05 PM

4/3/2018 12:08:05 PM

Quant Time: Apr 03 04:41:12 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	37378	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170281	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	129522	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	337472	20.00	ng	0.00
75) Chrysene-d12	22.56	240	345219	20.00	ng	0.00
86) Perylene-d12	26.32	264	375937	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	230266	115.52	ng	0.00
7) Phenol-d6	7.98	99	375623	109.67	ng	0.00
23) Nitrobenzene-d5	10.07	82	345592	93.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	186374	96.21	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	853191	95.10	ng	0.00
78) Terphenyl-d14	20.73	244	1457833	90.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	34575	34.155	ng	92
3) Pyridine	4.38	79	103519	36.993	ng	97
4) n-Nitrosodimethylamine	4.30	42	57675	50.222	ng	# 79
6) Aniline	8.16	93	57819	14.355	ng	96
8) 2-Chlorophenol	8.41	128	120594	52.919	ng	96
9) Benzaldehyde	7.97	77	48696m	22.372	ng	
10) Phenol	8.01	94	180720	53.443	ng	89
11) bis(2-Chloroethyl)ether	8.24	93	119317	43.229	ng	99
12) 1,3-Dichlorobenzene	8.75	146	124318	41.727	ng	95
13) 1,4-Dichlorobenzene	8.90	146	122268	40.978	ng	95
14) 1,2-Dichlorobenzene	9.23	146	125075	42.949	ng	95
15) Benzyl Alcohol	9.10	79	134688	49.947	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	199687	44.379	ng	89
17) 2-Methylphenol	9.30	107	116120m	50.408	ng	
18) Hexachloroethane	9.98	117	50977	44.266	ng	99
19) n-Nitroso-di-n-propylamine	9.67	70	112732	44.918	ng	# 95
20) 3+4-Methylphenols	9.64	107	169652	51.725	ng	87
22) Acetophenone	9.70	105	192951	41.360	ng	# 99
24) Nitrobenzene	10.11	77	173577	43.755	ng	90
25) Isophorone	10.62	82	327178	45.484	ng	98
26) 2-Nitrophenol	10.84	139	71465	47.583	ng	# 90
27) 2,4-Dimethylphenol	10.87	122	126785	58.109	ng	89
28) bis(2-Chloroethoxy)methane	11.11	93	172160	47.968	ng	97
29) 2,4-Dichlorophenol	11.38	162	138972	51.793	ng	95
30) 1,2,4-Trichlorobenzene	11.60	180	144666	41.497	ng	97
31) Naphthalene	11.80	128	383965	43.514	ng	98
32) Benzoic acid	11.00	122	64384	31.744	ng	# 87
33) 4-Chloroaniline	11.90	127	52162	13.194	ng	96
34) Hexachlorobutadiene	12.06	225	106076	40.237	ng	98
35) Caprolactam	12.64	113	50077	47.639	ng	92
36) 4-Chloro-3-methylphenol	12.97	107	173853	49.678	ng	93
37) 2-Methylnaphthalene	13.35	142	306895	44.809	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	198891	42.393	ng	98
40) Hexachlorocyclopentadiene	13.67	237	249086	90.565	ng	93

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Manual Integrations
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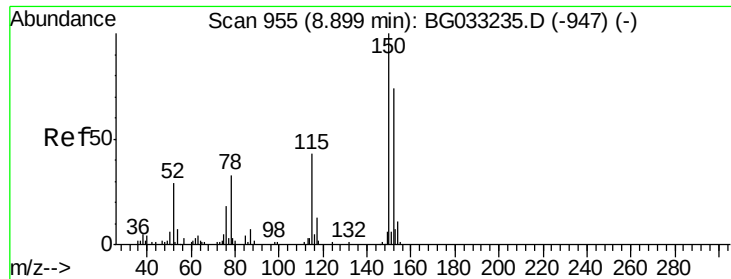
Sohil
 4/3/2018 12:08:05 PM

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Quant Time: Apr 03 04:41:12 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	133238	48.879	ng	94
43) 2,4,5-Trichlorophenol	14.01	196	150739	46.785	ng	98
45) 1,1'-Biphenyl	14.33	154	430504	43.263	ng	97
46) 2-Chloronaphthalene	14.38	162	334823	43.639	ng	96
47) 2-Nitroaniline	14.57	65	136591	47.529	ng	98
48) Acenaphthylene	15.21	152	552553	43.144	ng	100
49) Dimethylphthalate	14.91	163	484627	42.994	ng	99
50) 2,6-Dinitrotoluene	15.04	165	105171	45.631	ng	96
51) Acenaphthene	15.55	154	408030	49.423	ng	98
52) 3-Nitroaniline	15.38	138	42001	17.382	ng #	91
53) 2,4-Dinitrophenol	15.58	184	113625	93.747	ng #	75
54) Dibenzofuran	15.88	168	548869	45.007	ng	95
55) 4-Nitrophenol	15.67	139	169625	99.832	ng #	83
56) 2,4-Dinitrotoluene	15.82	165	154452	45.513	ng #	96
57) Fluorene	16.52	166	459650	44.243	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	154282	50.864	ng	94
59) Diethylphthalate	16.25	149	479282	43.789	ng	97
60) 4-Chlorophenyl-phenylether	16.49	204	258169	43.228	ng	96
61) 4-Nitroaniline	16.53	138	97251	39.744	ng #	82
62) Azobenzene	16.78	77	484898	45.734	ng	99
64) 4,6-Dinitro-2-methylphenol	16.58	198	87501	43.342	ng	93
65) n-Nitrosodiphenylamine	16.70	169	422850	43.890	ng	95
66) 4-Bromophenyl-phenylether	17.38	248	173028	43.658	ng	94
67) Hexachlorobenzene	17.52	284	177146	42.352	ng	97
68) Atrazine	17.62	200	180193	46.156	ng	98
69) Pentachlorophenol	17.85	266	240727	83.853	ng	98
70) Phenanthrene	18.26	178	782372	44.515	ng	98
71) Anthracene	18.34	178	802327	45.085	ng	98
72) Carbazole	18.60	167	718825	45.583	ng #	96
73) Di-n-butylphthalate	19.10	149	852365	46.438	ng #	98
74) Fluoranthene	20.21	202	997565	45.866	ng	96
76) Benzidine	20.37	184	219962	23.496	ng	98
77) Pyrene	20.56	202	992631	43.113	ng	99
79) Butylbenzylphthalate	21.42	149	391905	46.126	ng	96
80) Benzo(a)anthracene	22.54	228	985201	44.818	ng	100
81) 3,3'-Dichlorobenzidine	22.42	252	179888	22.997	ng	99
82) Chrysene	22.62	228	946413	44.477	ng	99
83) Bis(2-ethylhexyl)phthalate	22.36	149	533894	45.584	ng	99
84) Di-n-octyl phthalate	23.75	149	930907	51.910	ng	98
85) Indeno(1,2,3-cd)pyrene	30.69	276	1113911	48.418	ng #	85
87) Benzo(b)fluoranthene	25.11	252	975778	44.926	ng #	96
88) Benzo(k)fluoranthene	25.19	252	969851	44.150	ng #	97
89) Benzo(a)pyrene	26.15	252	971356	46.570	ng #	98
90) Dibenzo(a,h)anthracene	30.78	278	923014	46.979	ng	99
91) Benzo(g,h,i)perylene	32.08	276	913705	46.963	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG033494.D

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Instrument :

BNA_G

ClientSampleId :

PB107833BS

Tot Ion:152 Resp: 37378

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

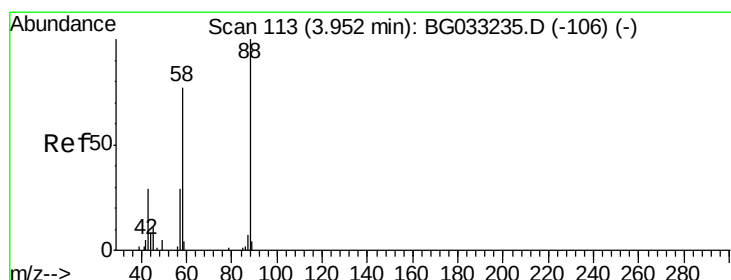
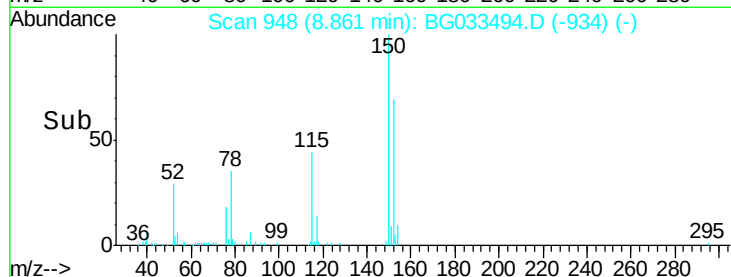
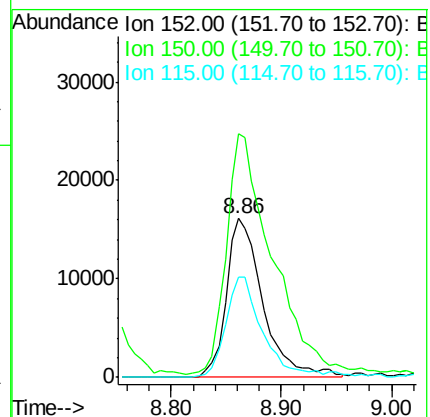
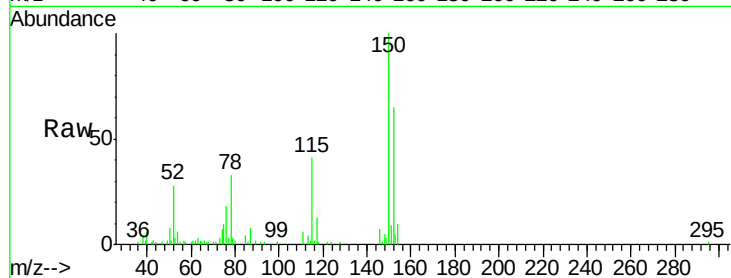
115 63.4 53.0 79.4

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#2

1,4-Dioxane

Concen: 34.155 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

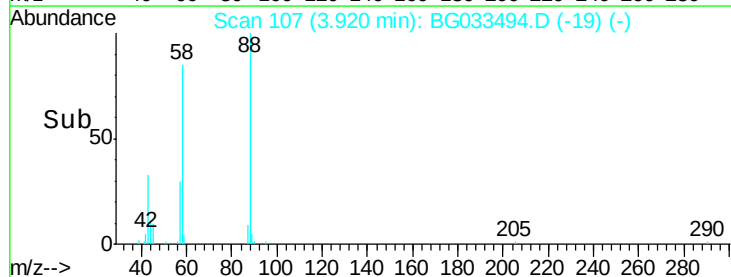
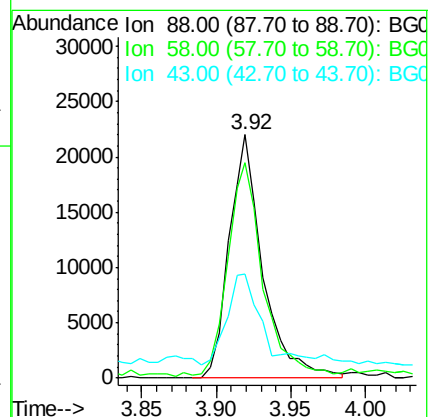
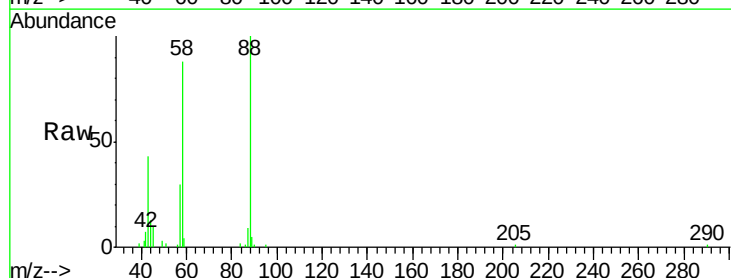
Tgt Ion: 88 Resp: 34575

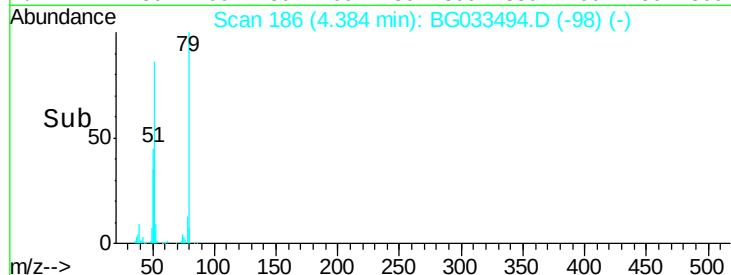
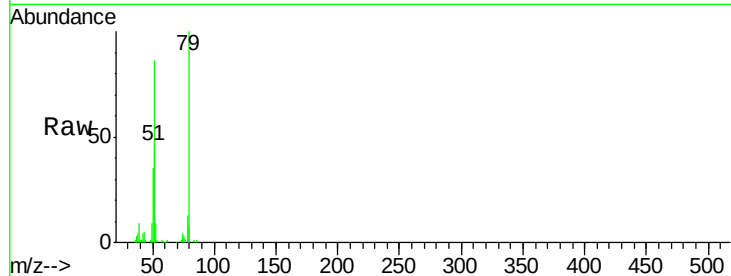
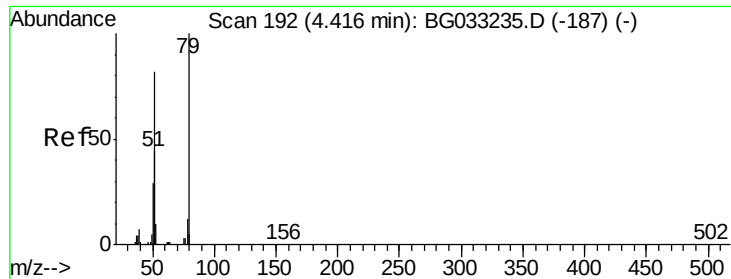
Ion Ratio Lower Upper

88 100

58 91.4 79.6 119.4

43 38.8 27.4 41.0





#3
 Pvridine
 Concen: 36.993 ng
 RT: 4.38 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

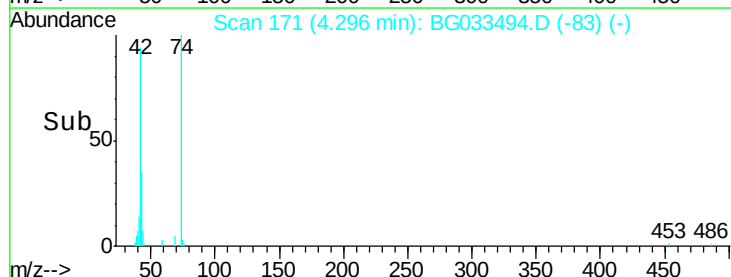
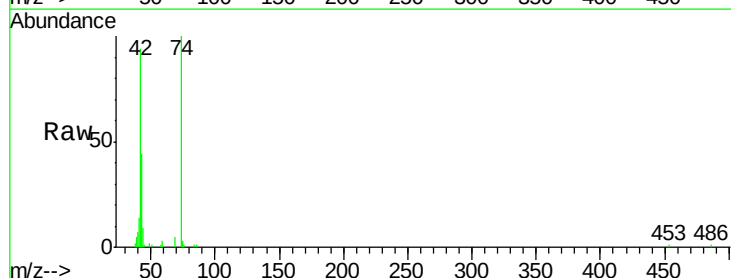
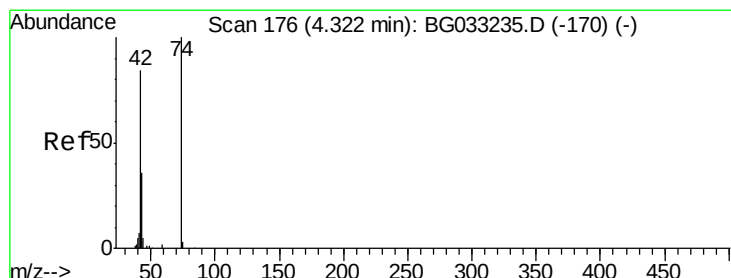
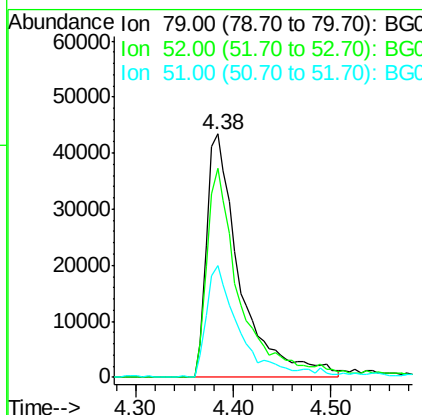
Tot Ion:	79	Resp:	103519
Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.9	104.9
51	46.1	34.0	51.0

Instrument :
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Manual Integrations
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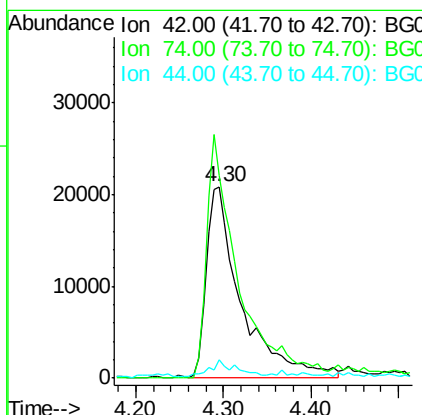
Sohil
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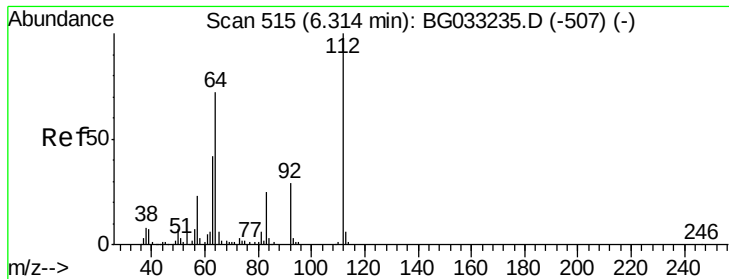
4/3/2018 12:08:05 PM



#4
 n-Nitrosodimethylamine
 Concen: 50.222 ng
 RT: 4.30 min Scan# 171
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion:	42	Resp:	57675
Ion	Ratio	Lower	Upper
42	100		
74	106.0	102.5	153.7
44	9.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 115.516 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

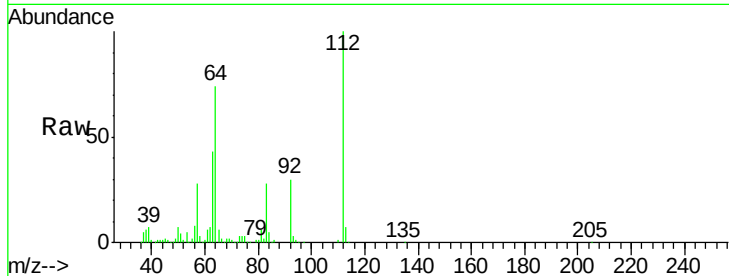
Tot Ion:	112	Resp:	230266
Ion Ratio	Lower	Upper	
112	100		
64	74.5	56.3	84.5
63	42.8	30.1	45.1

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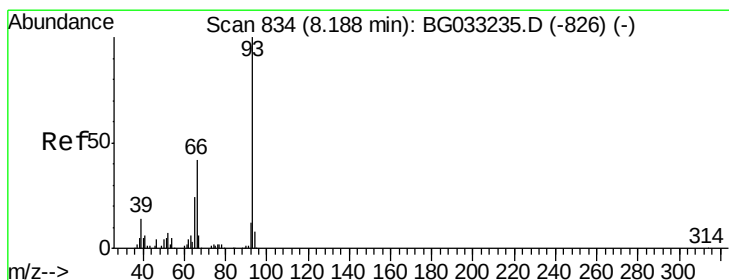
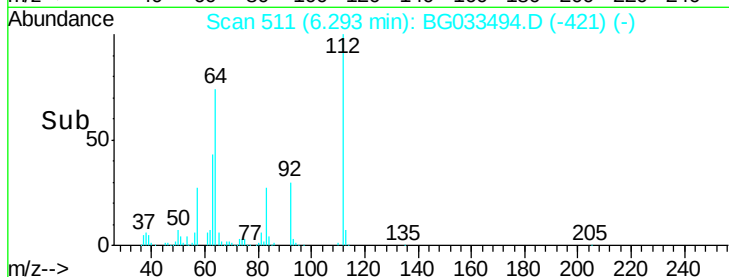
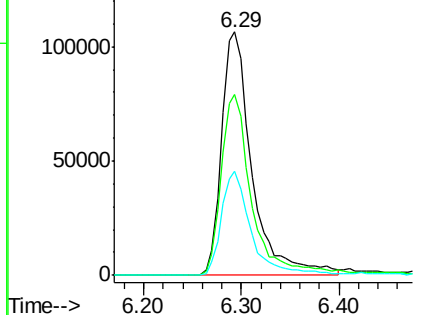
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.355 ng

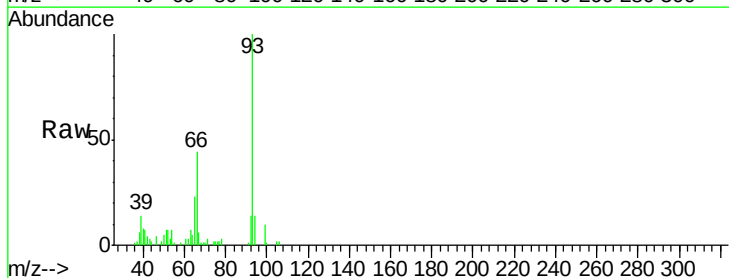
RT: 8.16 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

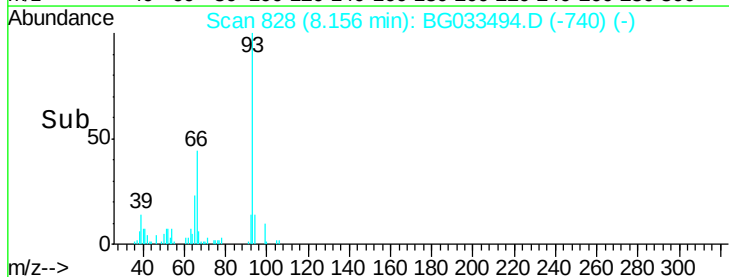
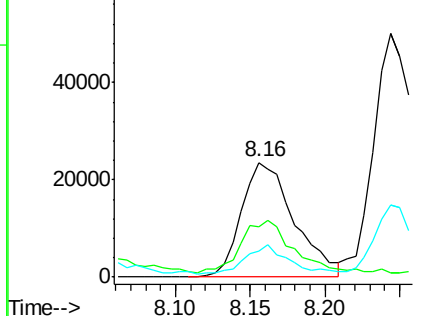
Tgt Ion:	93	Resp:	57819
Ion Ratio	Lower	Upper	
93	100		
66	44.1	33.7	50.5
65	23.1	16.1	24.1

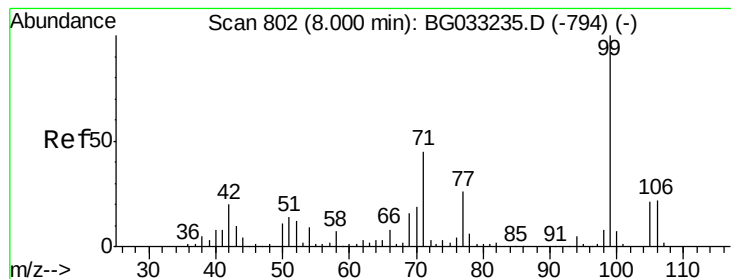


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.671 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

Tot Ion: 99 Resp: 375623

Ion Ratio Lower Upper

99 100

42 21.8 14.1 21.1#

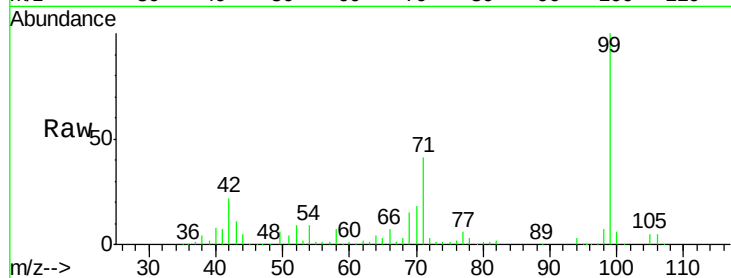
71 41.5 26.1 39.1#

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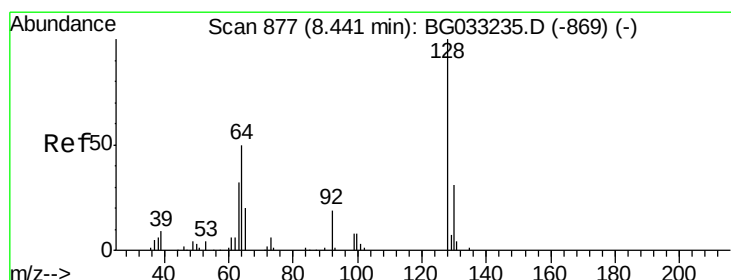
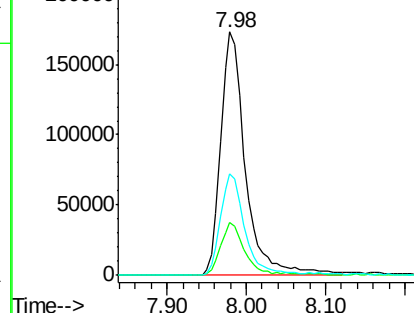
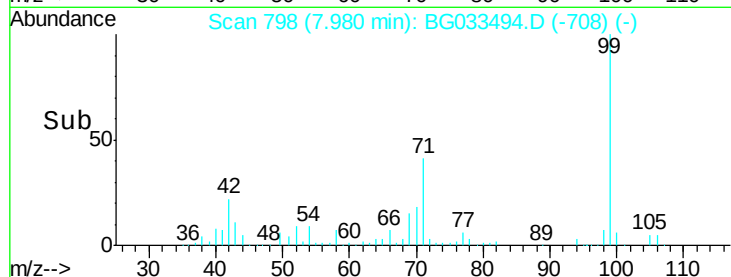
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.919 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

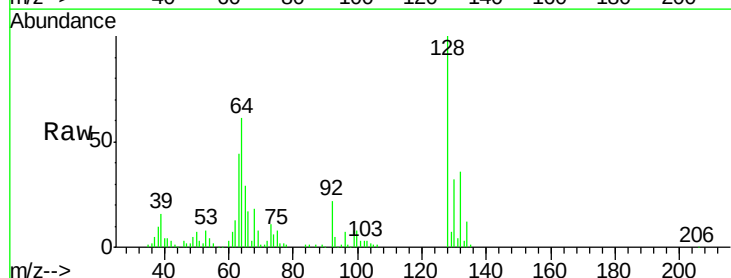
Tgt Ion: 128 Resp: 120594

Ion Ratio Lower Upper

128 100

130 32.3 14.0 54.0

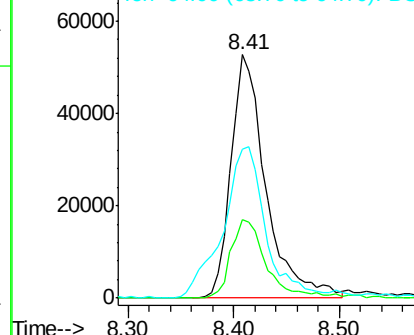
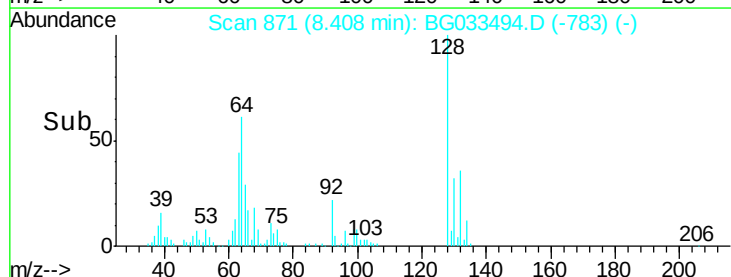
64 61.1 37.7 77.7

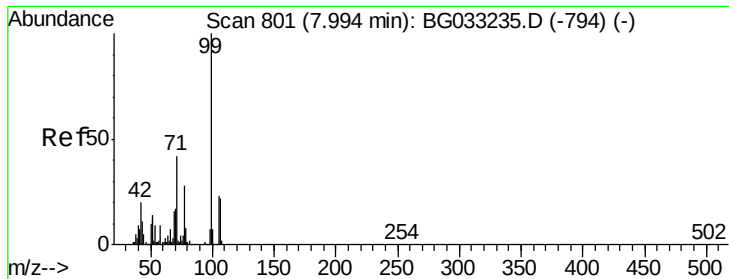


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.372 ng/mL

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

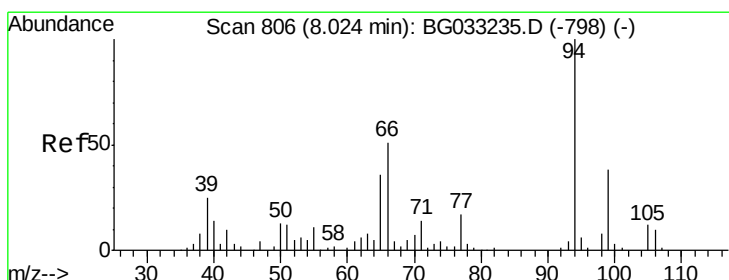
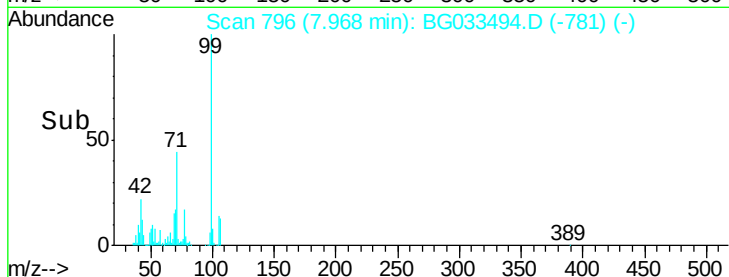
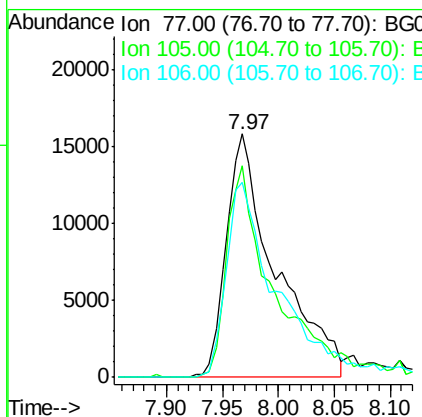
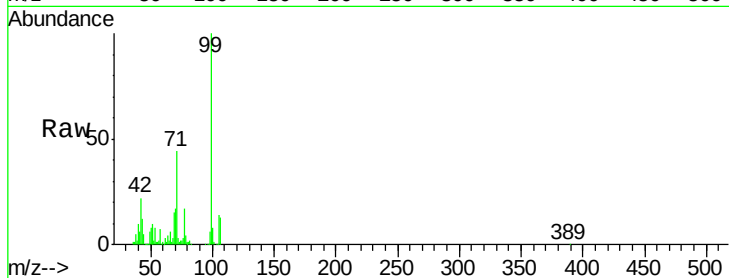
Tot Ion:	77	Resp:	48696
Ion	Ratio	Lower	Upper
77	100		
105	87.1	71.3	111.3
106	79.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 53.443 ng/mL

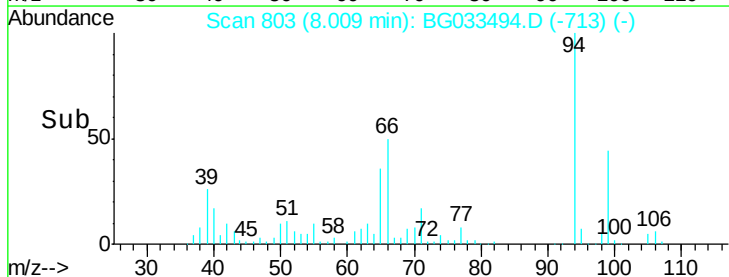
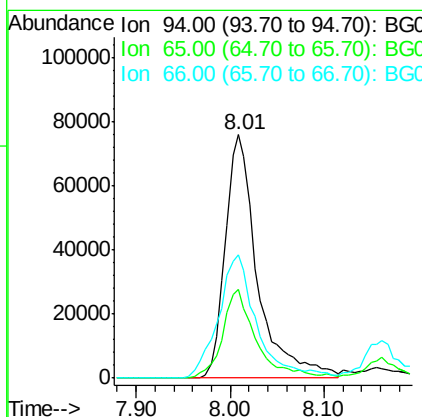
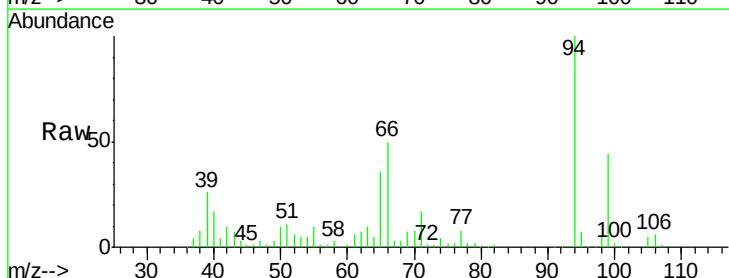
RT: 8.01 min Scan# 803

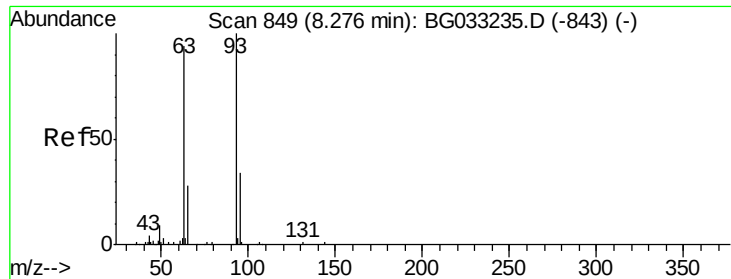
Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	94	Resp:	180720
Ion	Ratio	Lower	Upper
94	100		
65	36.4	11.9	51.9
66	50.4	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.229 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

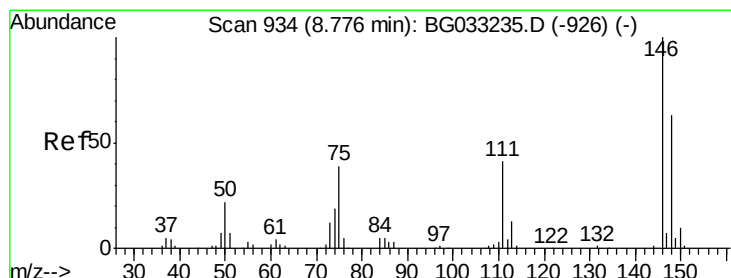
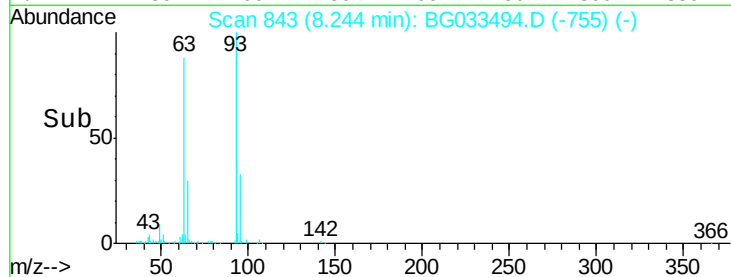
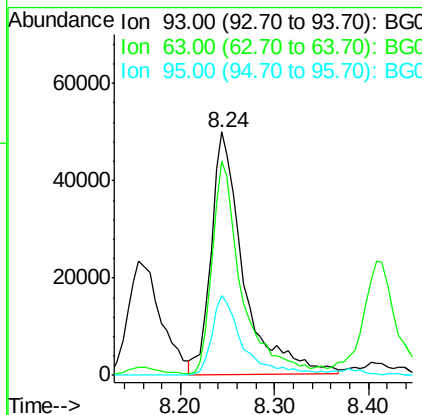
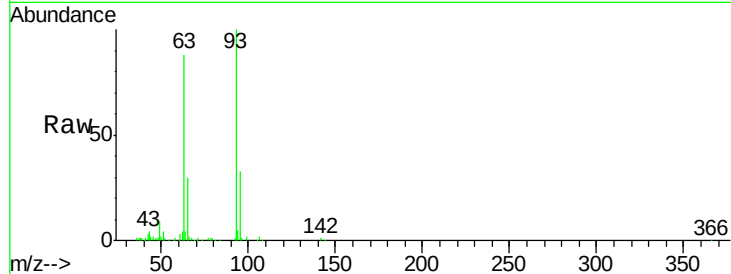
Tot Ion:	93	Resp:	119317
Ion Ratio	Lower	Upper	
93	100		
63	88.2	67.1	107.1
95	32.6	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 41.727 ng

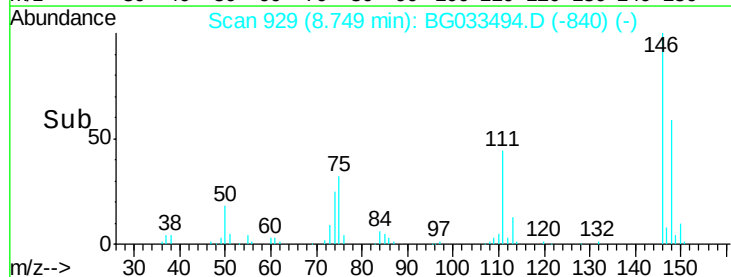
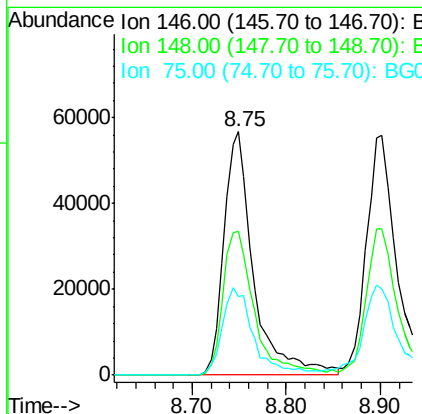
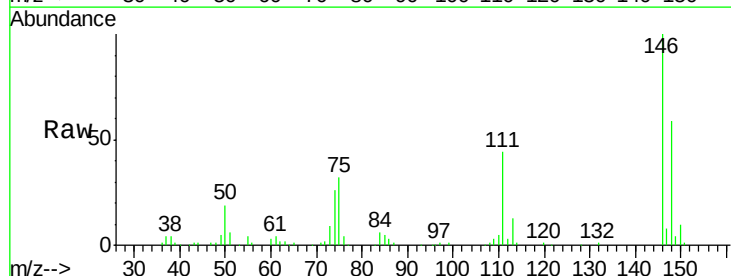
RT: 8.75 min Scan# 929

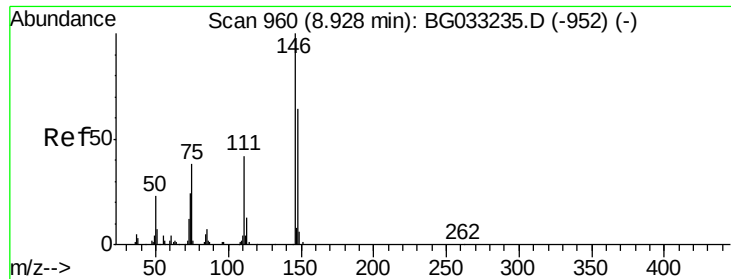
Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	146	Resp:	124318
Ion Ratio	Lower	Upper	
146	100		
148	58.9	51.4	77.2
75	32.3	26.6	39.8





#13
 1,4-Dichlorobenzene
 Concen: 40.978 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

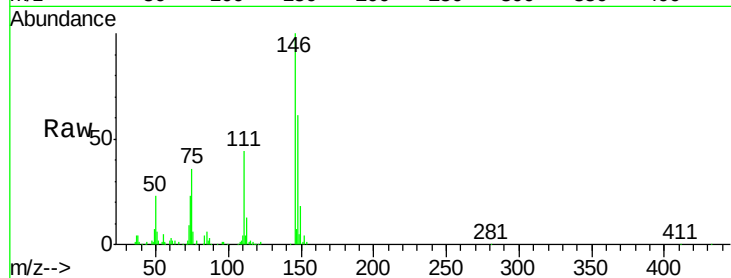
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.9	53.7	80.5
111	44.4	35.2	52.8

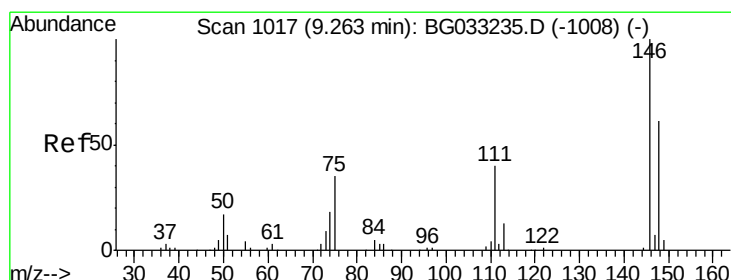
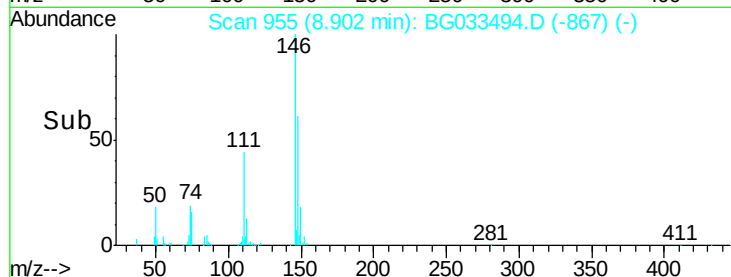
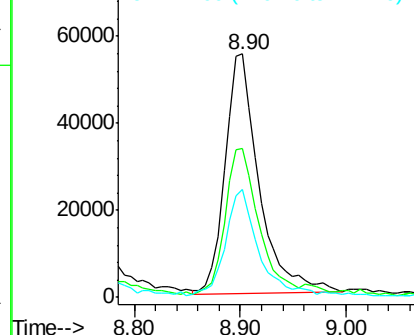
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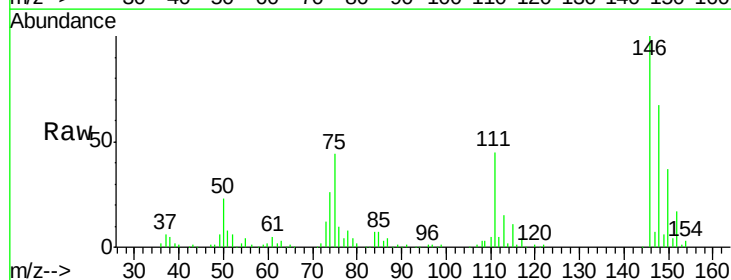


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

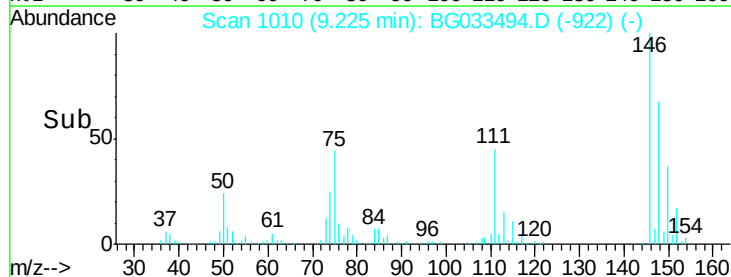
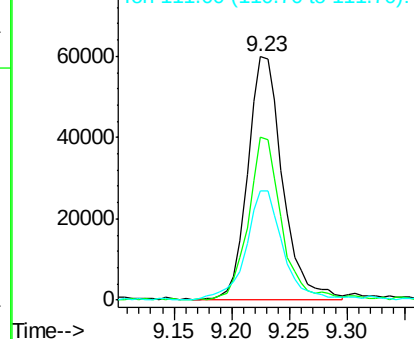


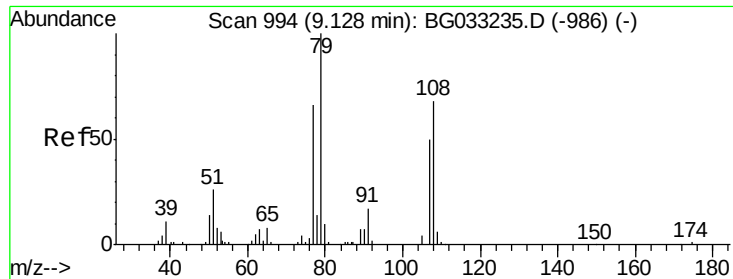
#14
 1,2-Dichlorobenzene
 Concen: 42.949 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	49.3	73.9
111	44.7	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 49.947 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

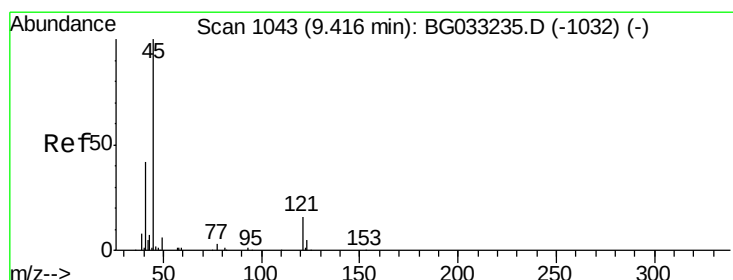
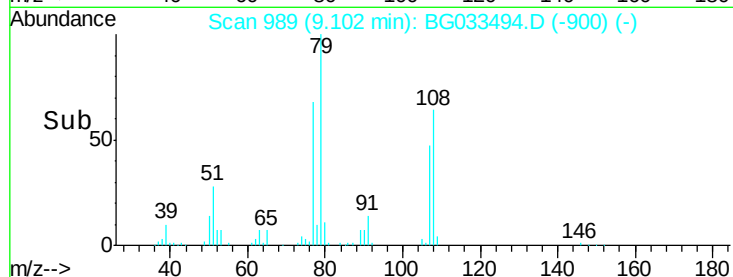
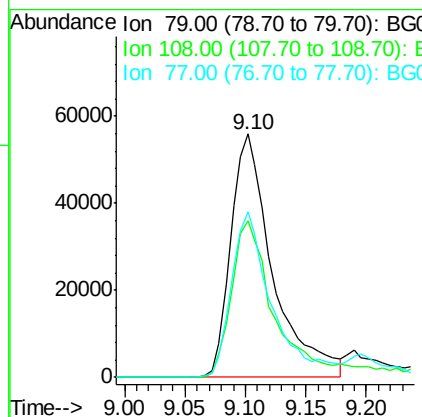
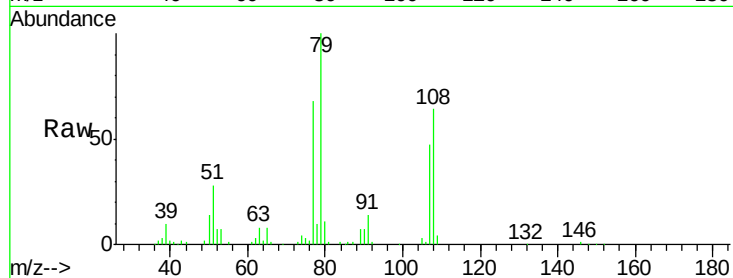
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion:	79	Resp:	134688
Ion Ratio	Lower	Upper	
79	100		
108	64.1	57.2	85.8
77	68.2	46.1	69.1

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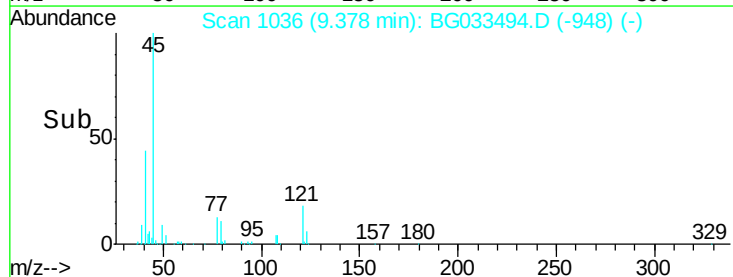
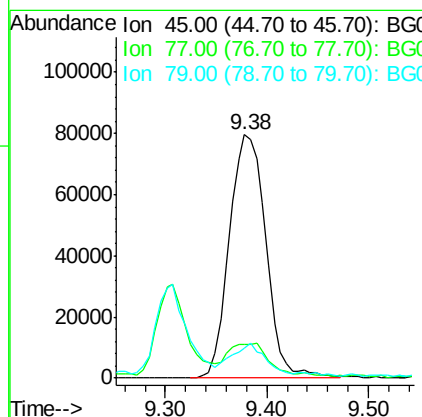
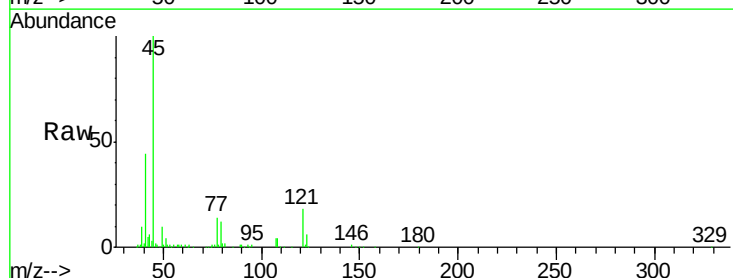
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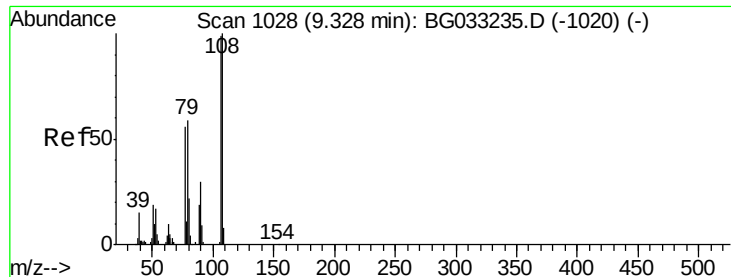
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.379 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion:	45	Resp:	199687
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	30.2
79	12.3	0.0	27.9





#17

2-Methylphenol

Concen: 50.408 ng/ml

RT: 9.30 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

Tot Ion:107 Resp: 116120

Ion Ratio Lower Upper

107 100

108 104.6 83.9 125.9

77 55.0 37.2 55.8

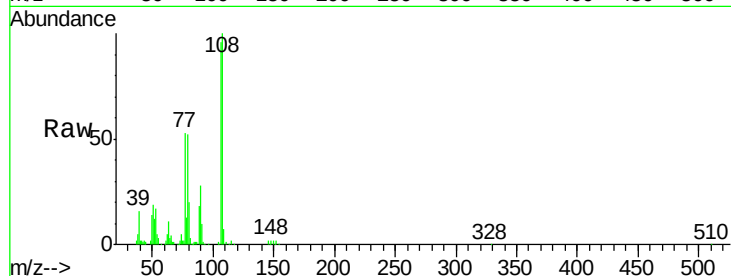
79 54.4 36.2 54.2#

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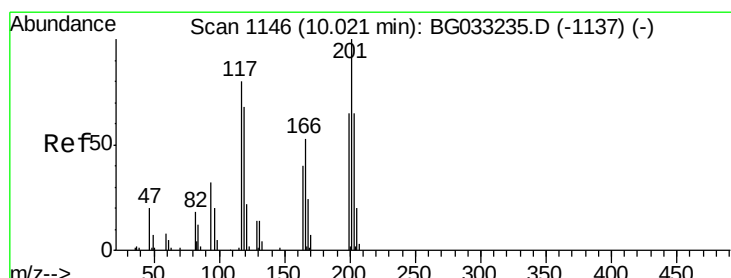
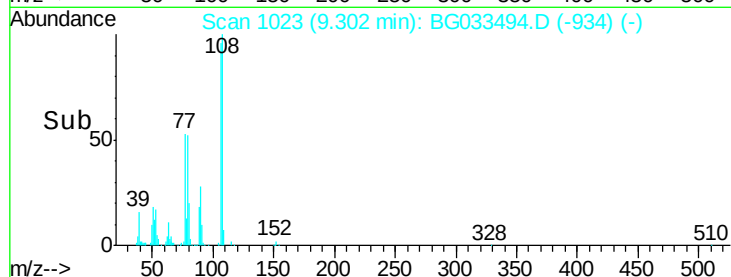
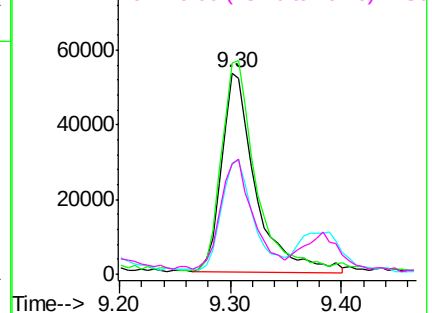
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 44.266 ng/ml

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

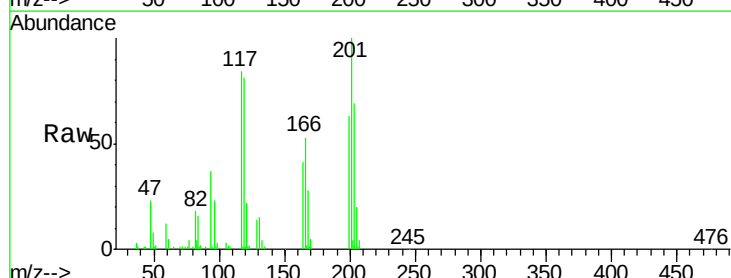
Tgt Ion:117 Resp: 50977

Ion Ratio Lower Upper

117 100

119 96.4 76.7 115.1

201 118.7 95.7 143.5

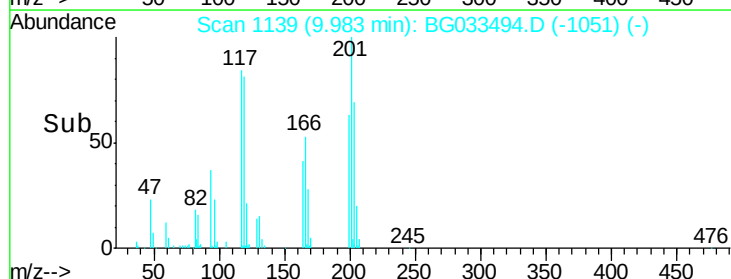
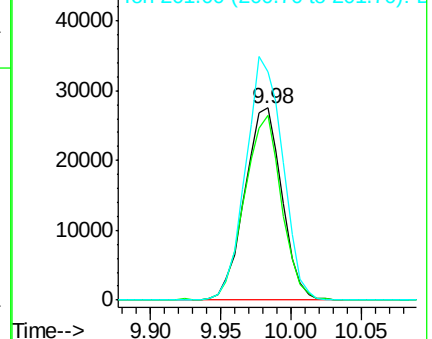


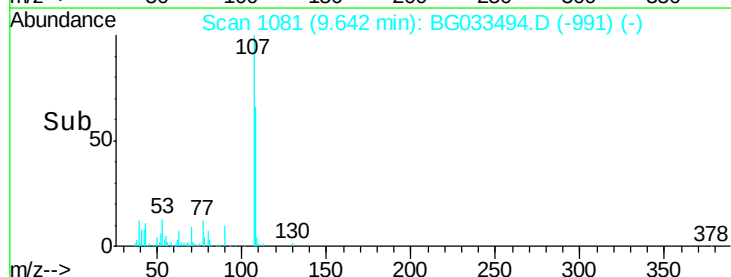
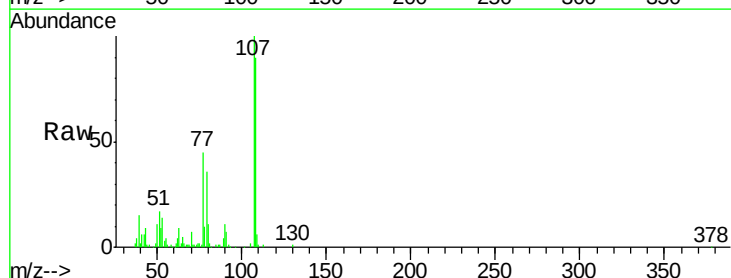
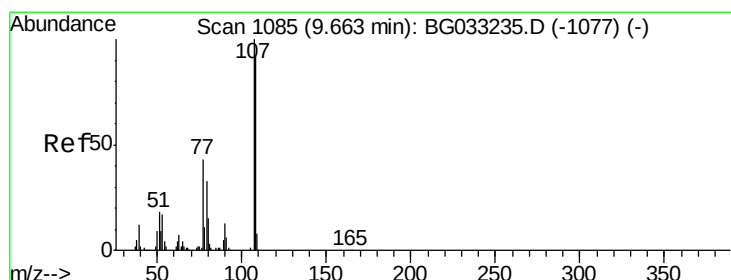
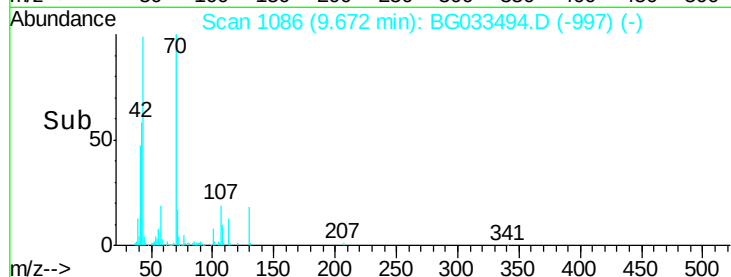
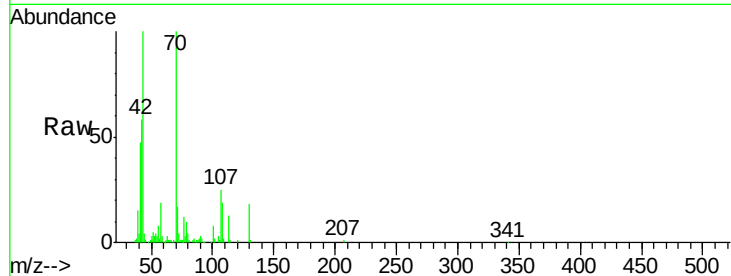
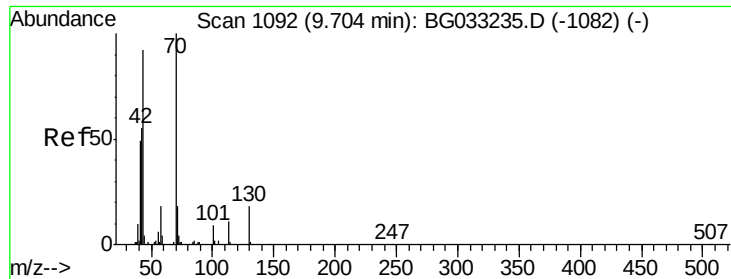
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

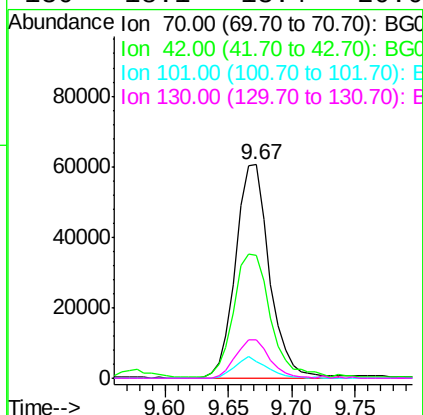
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 44.918 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.6	49.1	73.7		
101	7.9	8.5	12.7		
130	18.1	13.4	20.0		



Instrument :
BNA_G
ClientSampleId :
PB107833BS

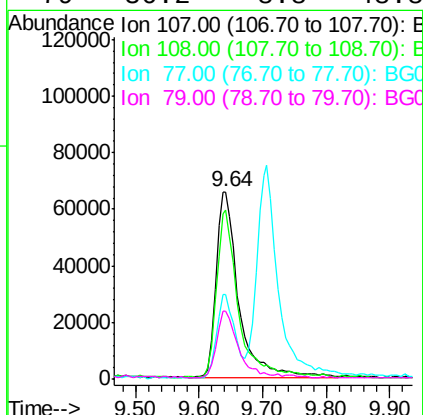
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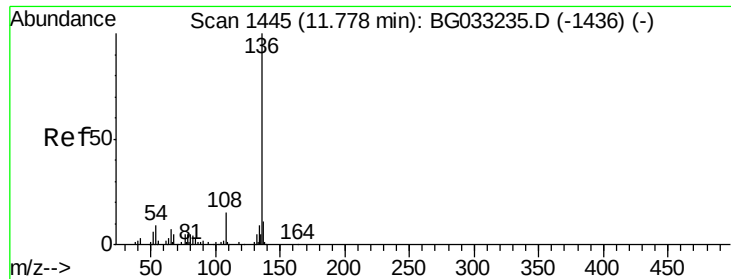
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#20
3+4-Methylphenols
Concen: 51.725 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	61.6	101.6		
77	45.2	13.9	53.9		
79	36.2	8.8	48.8		





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

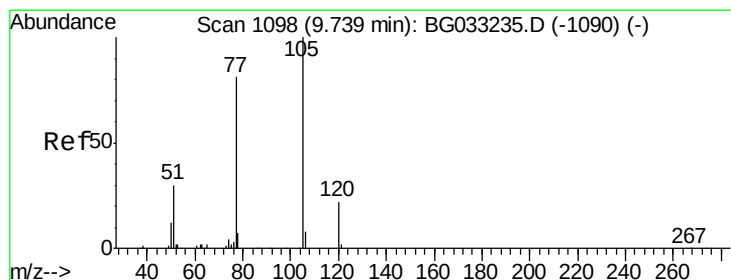
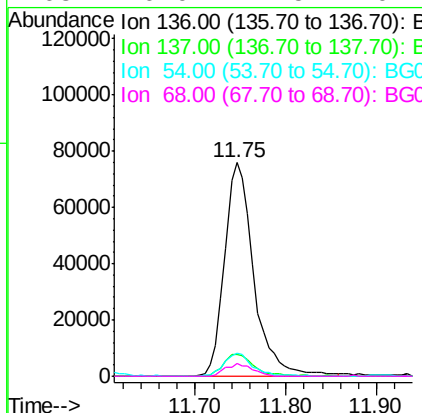
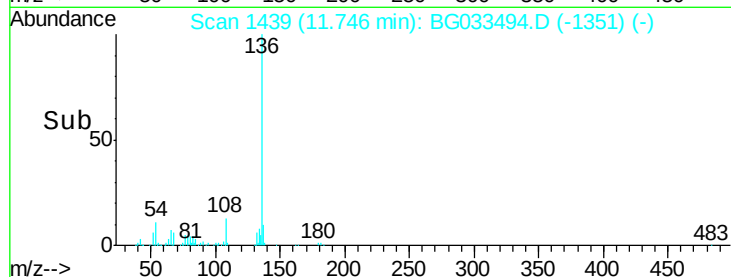
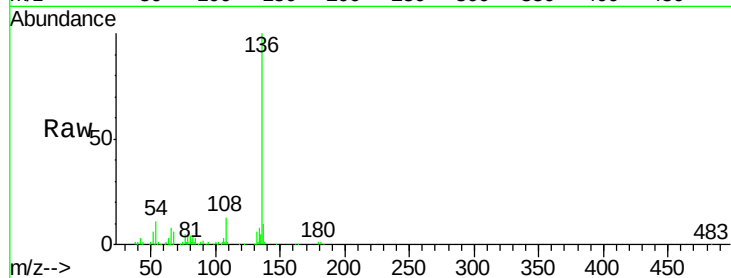
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	170281		
137	10.4		9.2	13.8
54	10.9		10.3	15.5
68	6.0		4.5	6.7

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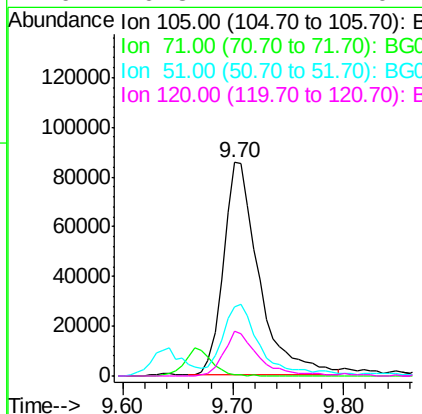
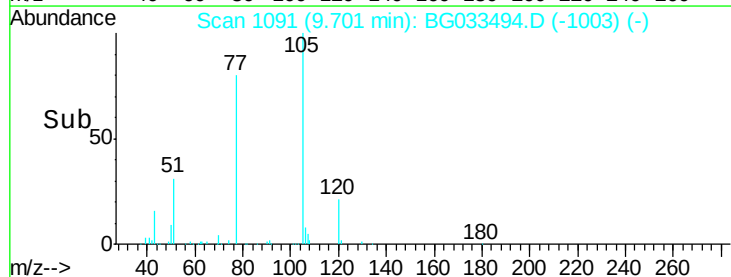
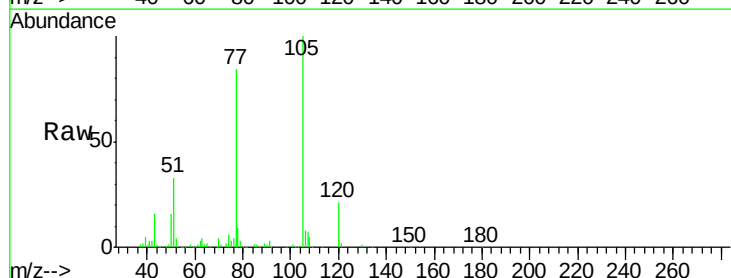
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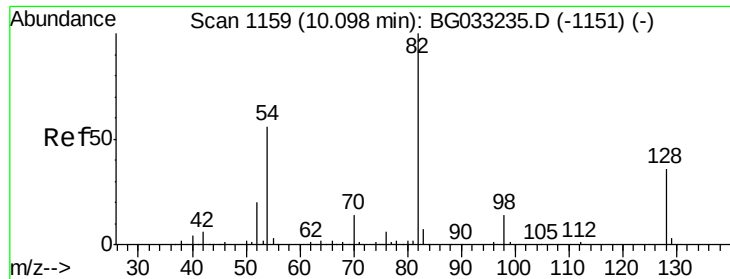
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#22
Acetophenone
Concen: 41.360 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192951		
71	0.7		3.0	4.4#
51	32.5		26.1	39.1
120	20.8		17.4	26.2





#23
Nitrobenzene-d5
Concen: 93.245 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

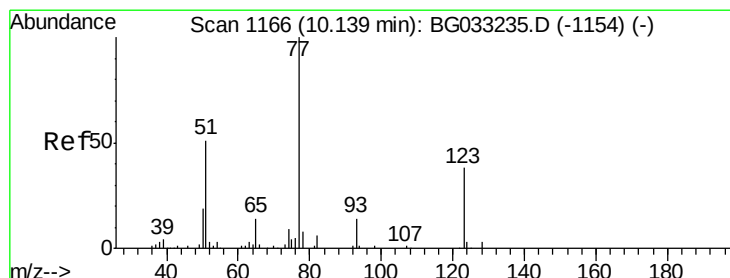
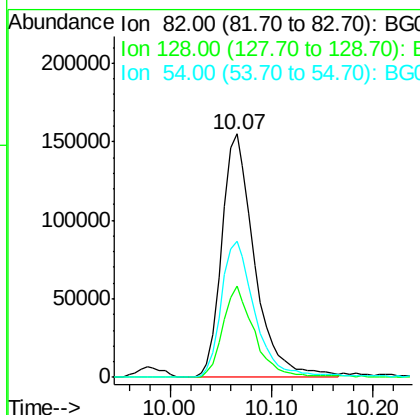
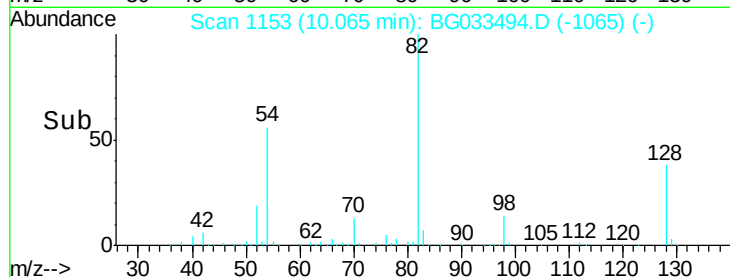
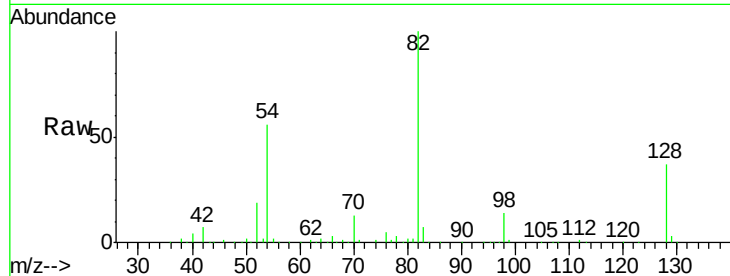
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.5	29.7	44.5	
54	55.9	43.1	64.7	

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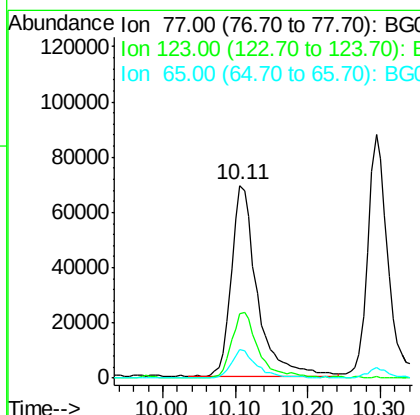
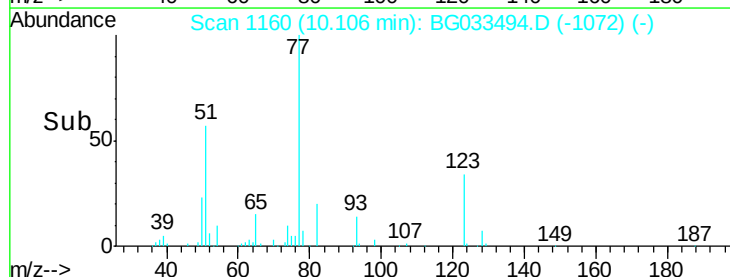
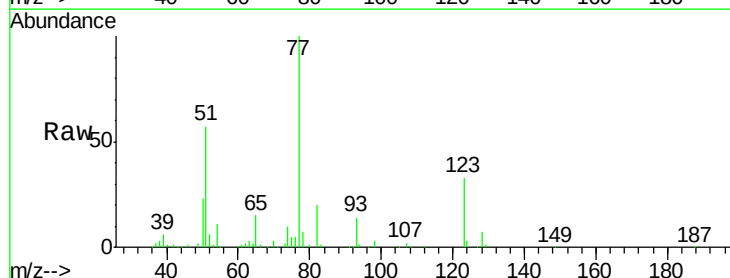
Sohil
4/3/2018 12:08:05 PM

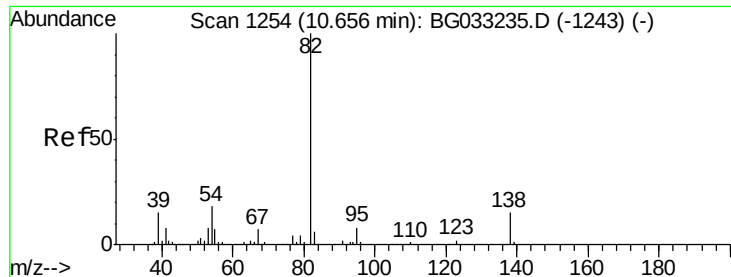
4/3/2018 12:08:05 PM



#24
Nitrobenzene
Concen: 43.755 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	33.5	33.0	49.6	
65	15.0	13.0	19.6	





#25

Isophorone

Concen: 45.484 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

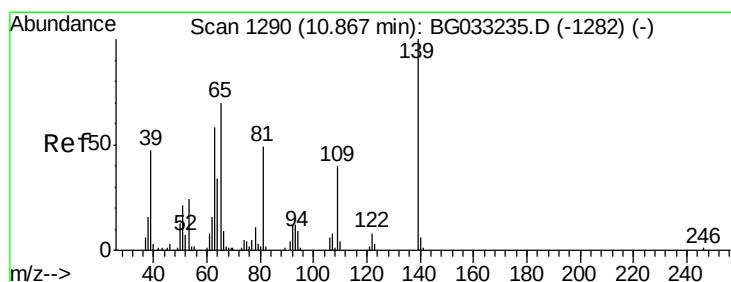
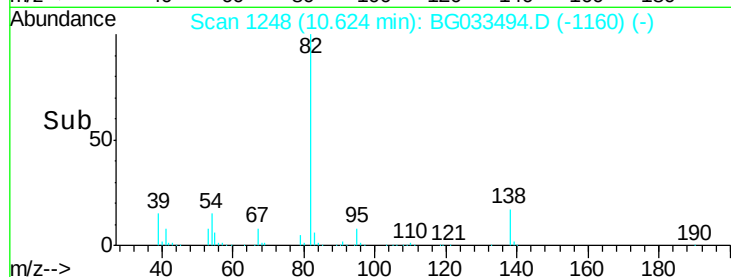
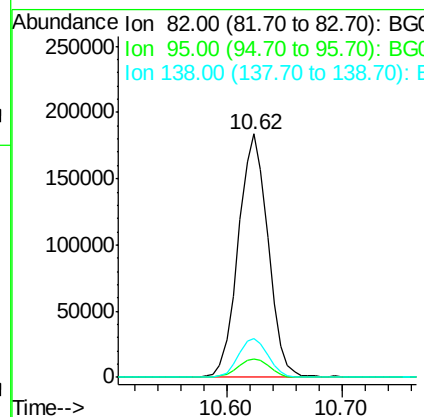
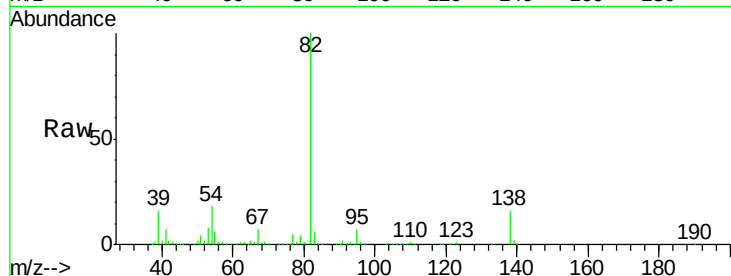
Tot Ion:	82	Resp:	327178
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	16.1	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.583 ng

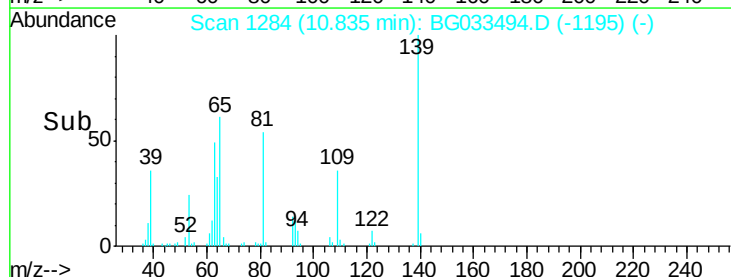
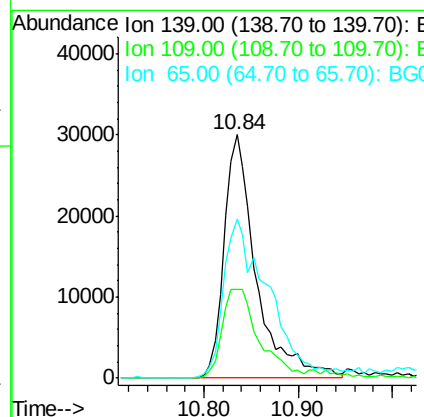
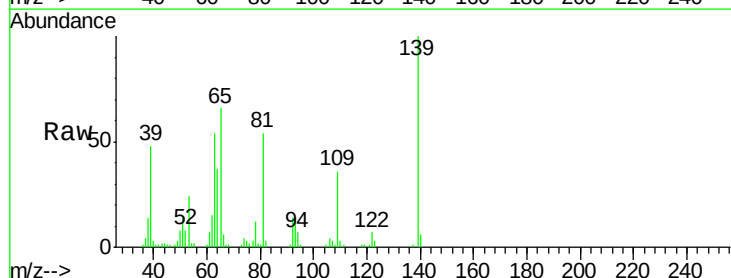
RT: 10.84 min Scan# 1284

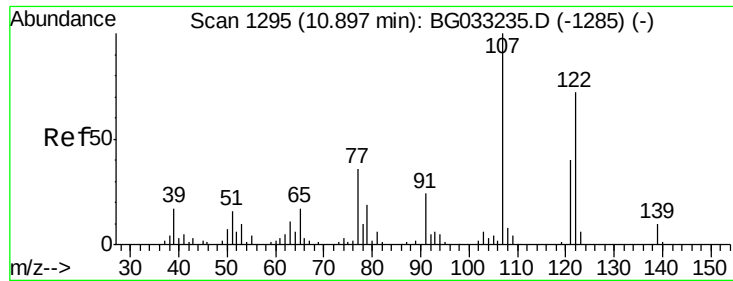
Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	139	Resp:	71465
Ion Ratio	Lower	Upper	
139	100		
109	36.5	24.2	36.2#
65	65.6	47.4	71.0





#27
2,4-Dimethylphenol
Concen: 58.109 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

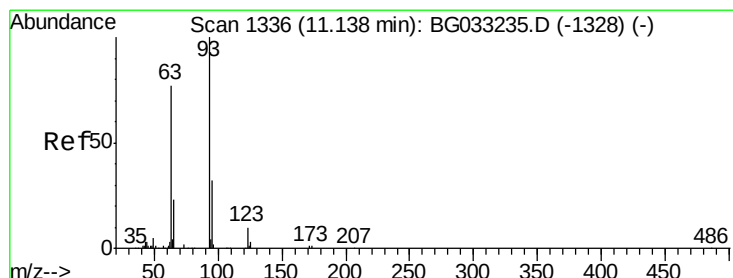
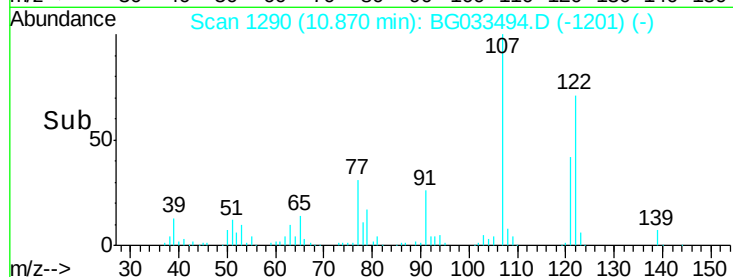
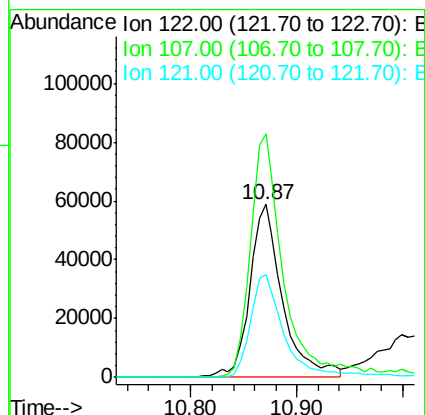
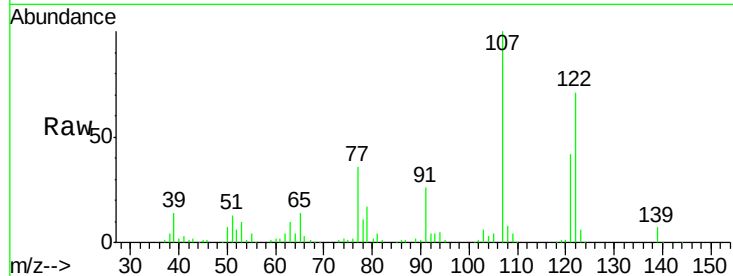
Instrument :
BNA_G
ClientSampled :
PB107833BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		126785		
107	140.8	100.2	150.2		
121	59.2	44.4	66.6		

Manual Integrations
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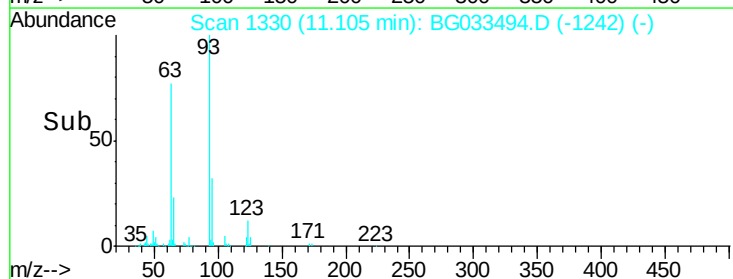
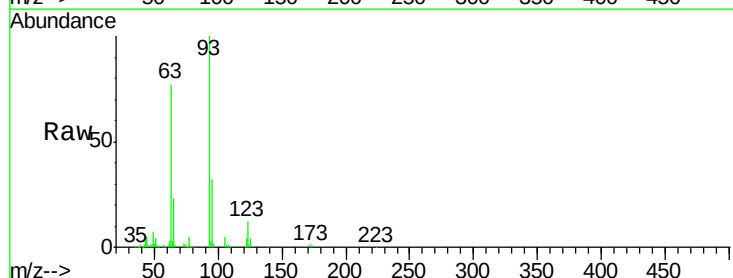
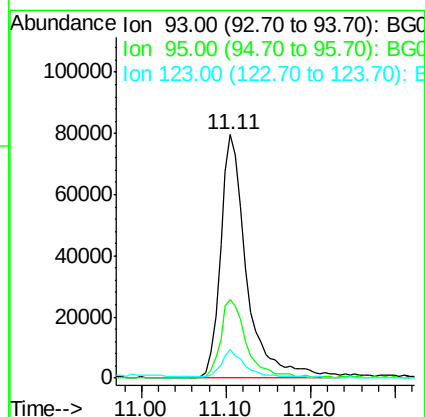
Sohil
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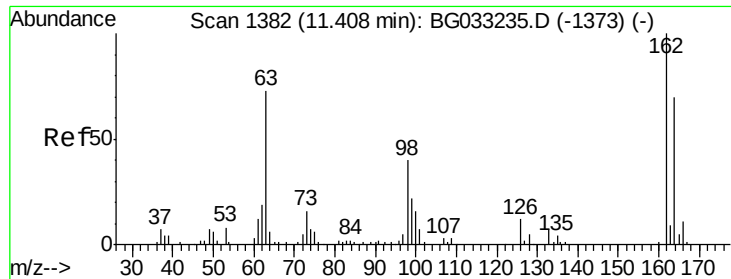
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#28
bis(2-Chloroethoxy)methane
Concen: 47.968 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		172160		
95	32.0	24.3	36.5		
123	11.8	8.4	12.6		





#29
 2,4-Dichlorophenol
 Concen: 51.793 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

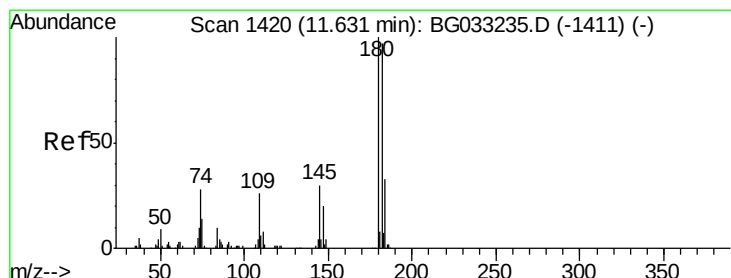
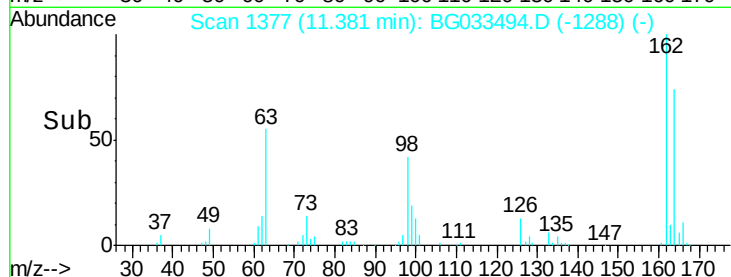
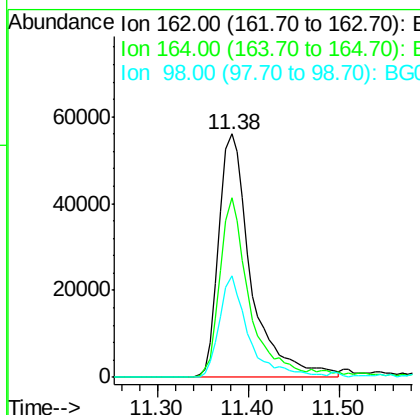
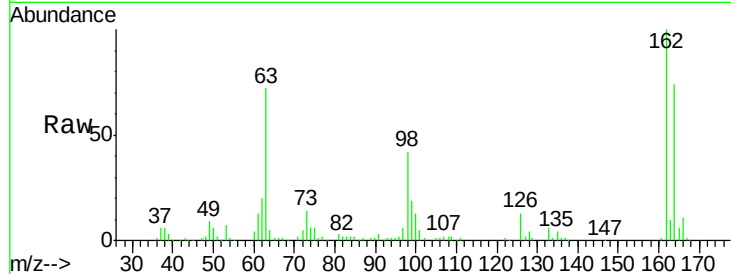
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	73.9	48.0	88.0
98	41.8	21.1	61.1

Manual Integrations
 APPROVED

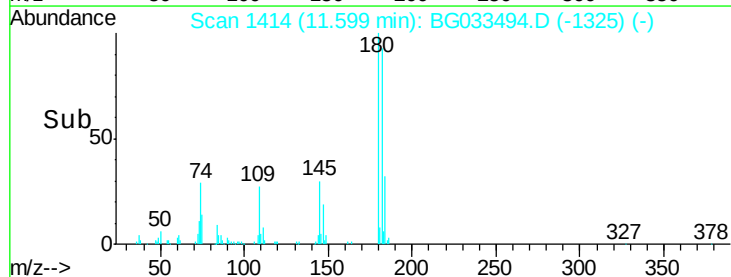
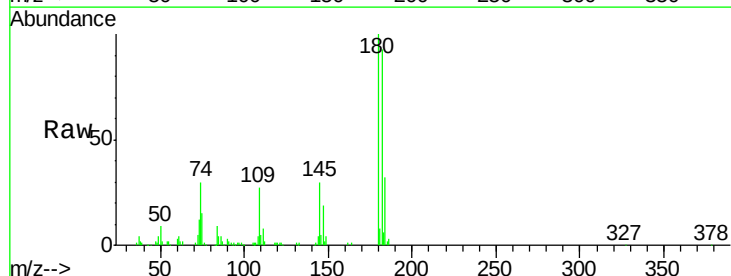
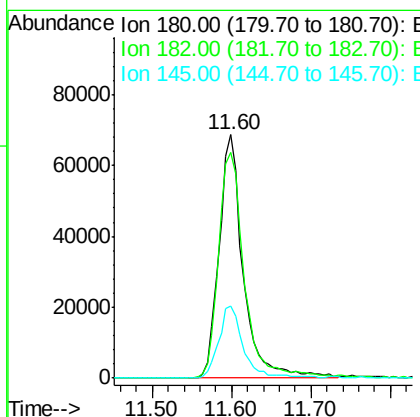
Sohil
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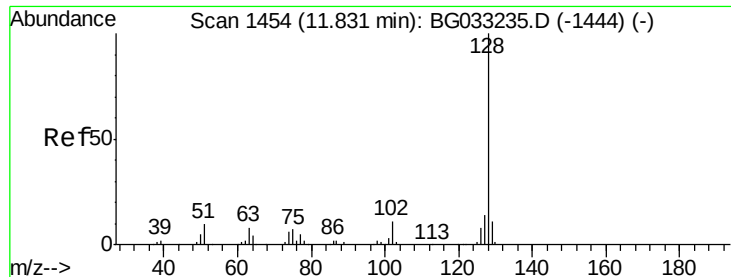
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.497 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.7	77.5	116.3
145	29.8	23.4	35.2





#31
Naphthalene
Concen: 43.514 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

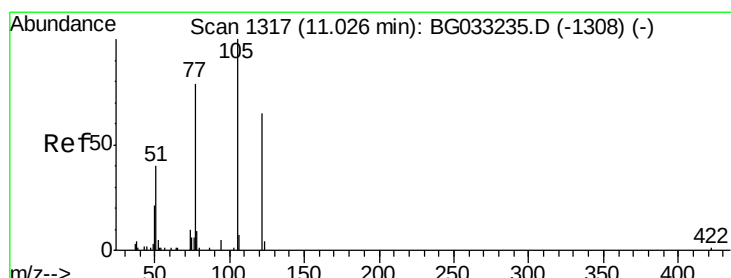
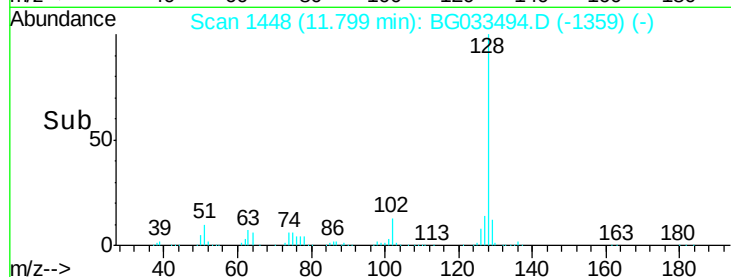
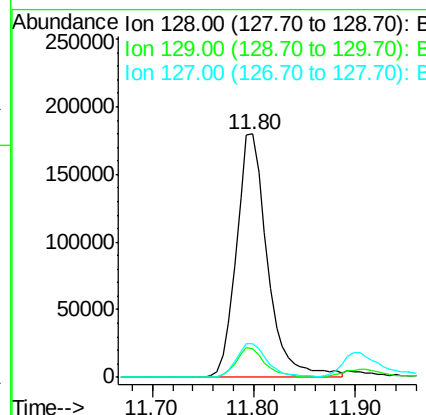
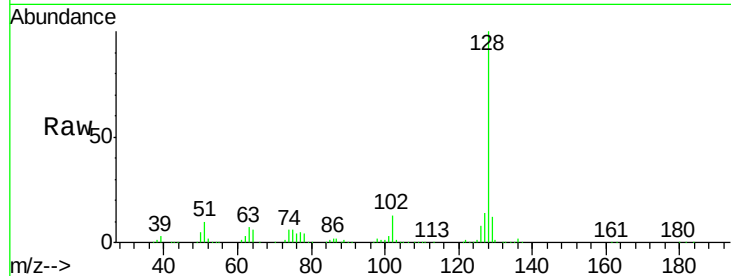
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	8.6	12.8	
127	14.1	11.6	17.4	

Manual Integrations
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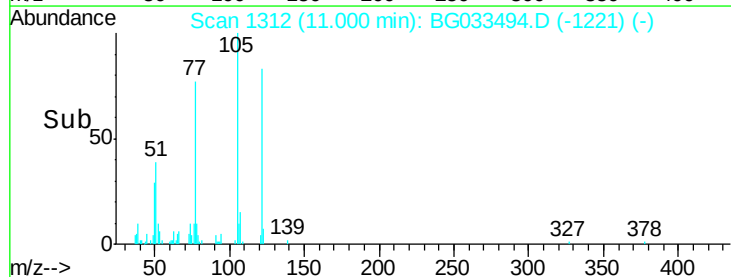
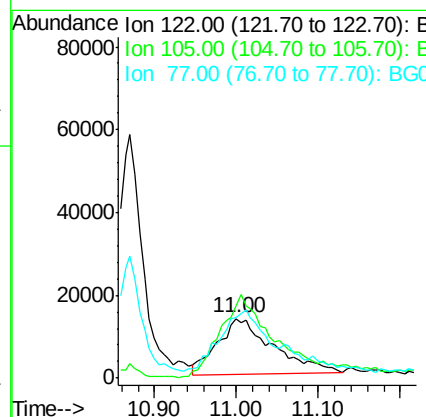
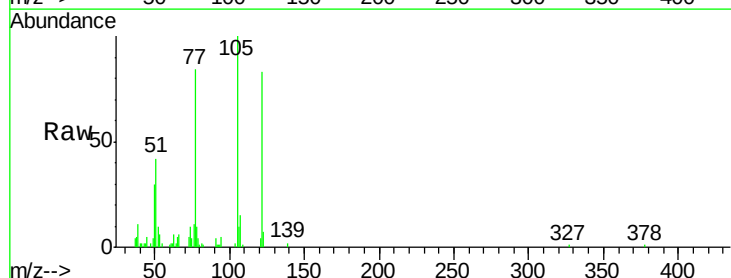
Sohil
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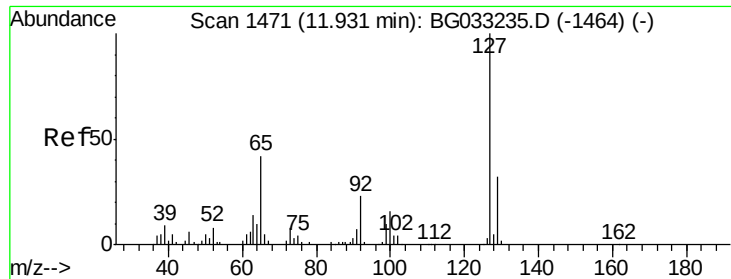
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#32
Benzoic acid
Concen: 31.744 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.0	123.5	163.5#	
77	101.3	85.7	125.7	





#33
4-Chloroaniline
Concen: 13.194 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

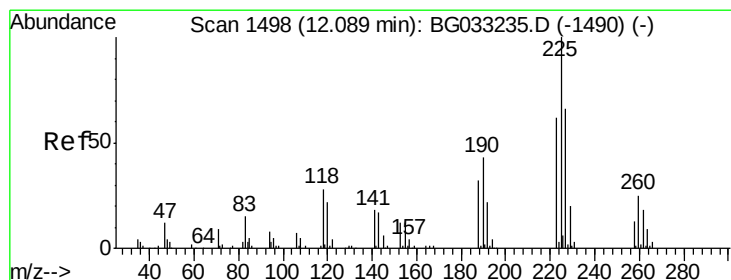
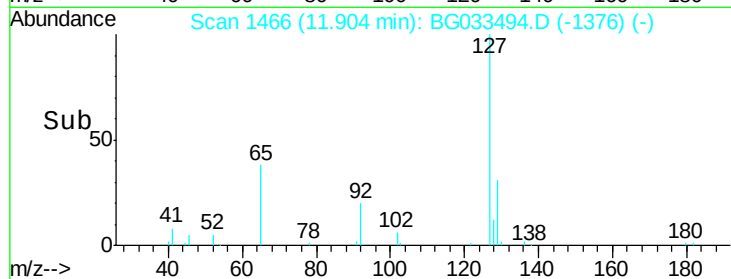
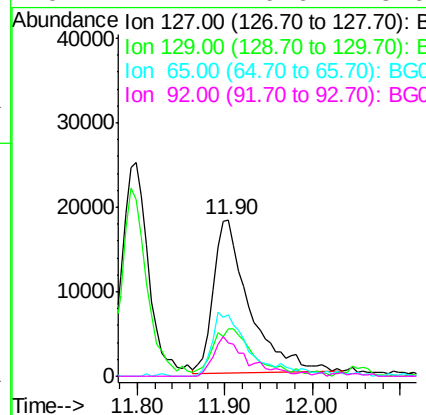
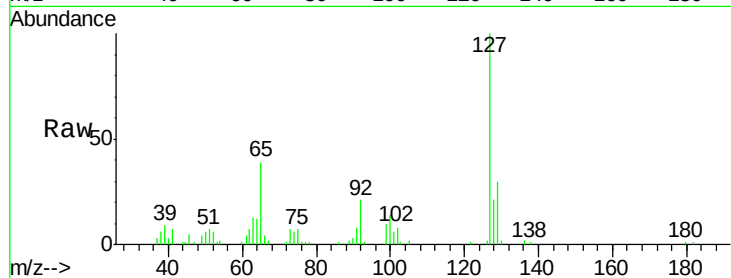
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.0	36.0
65	39.5	27.0	40.4
92	21.2	16.6	25.0

Manual Integrations
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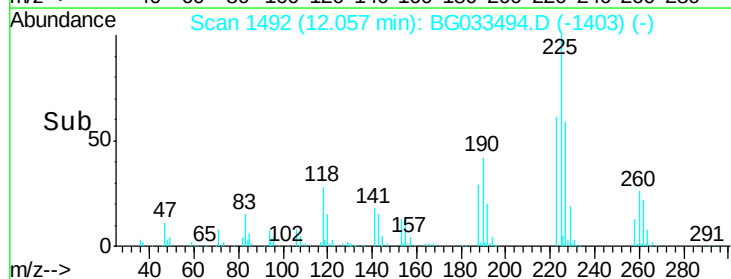
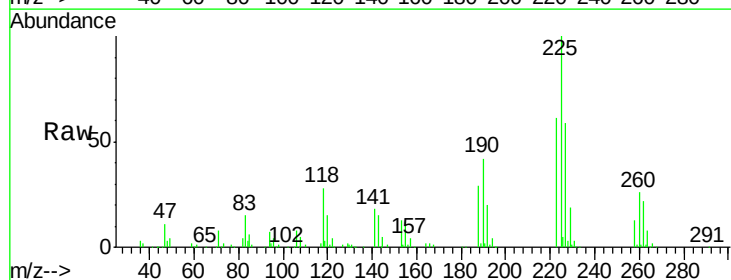
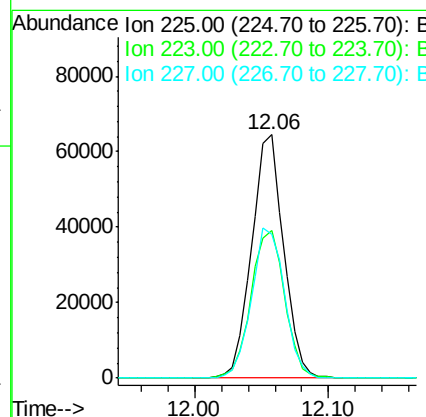
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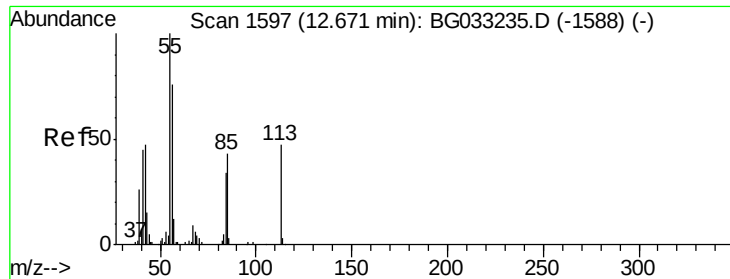
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#34
Hexachlorobutadiene
Concen: 40.237 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	59.0	48.1	72.1





#35

Caprolactam

Concen: 47.639 ng

RT: 12.64 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampled :

PB107833BS

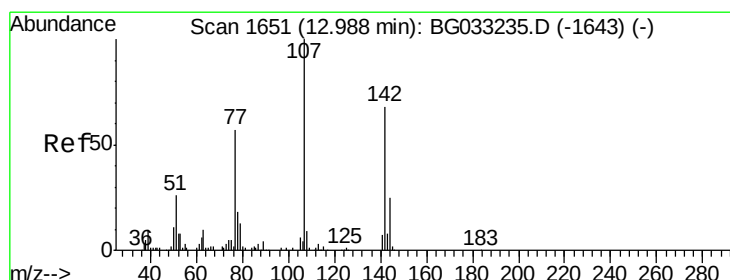
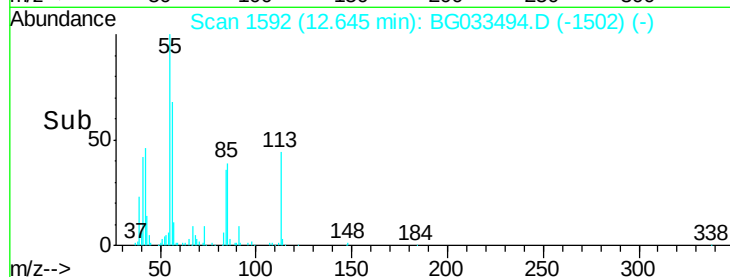
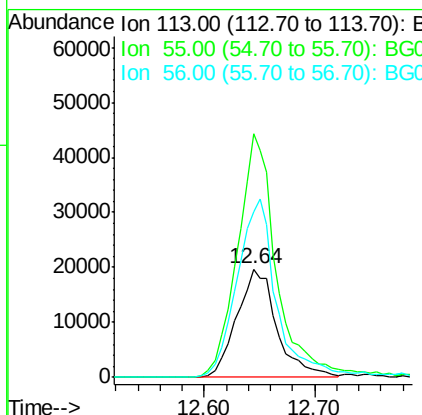
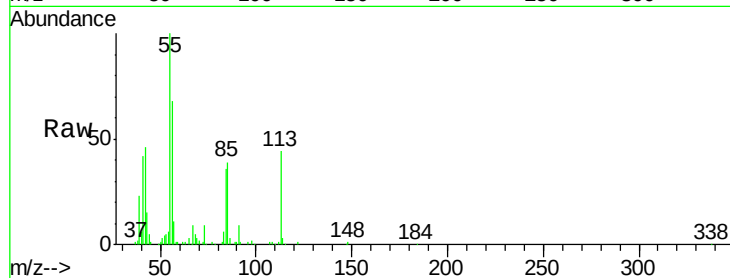
Tot Ion:	113	Resp:	50077
Ion	Ratio	Lower	Upper
113	100		
55	225.6	186.9	226.9
56	153.7	130.9	170.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.678 ng

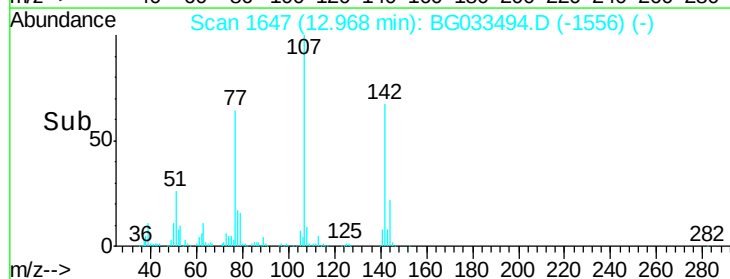
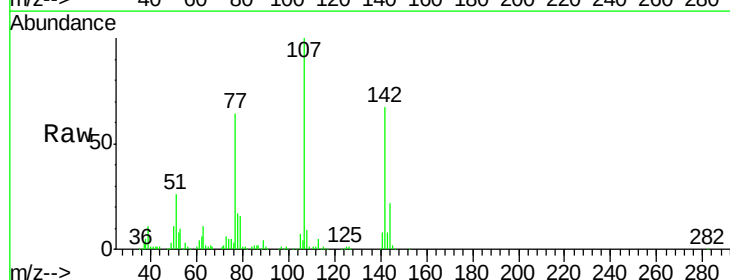
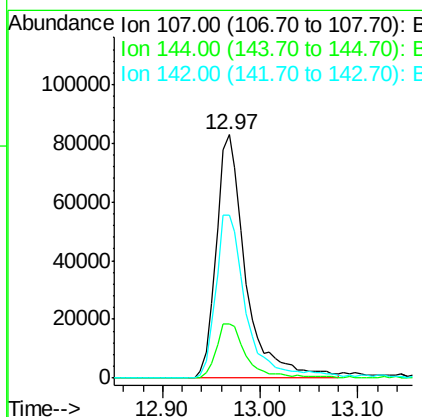
RT: 12.97 min Scan# 1647

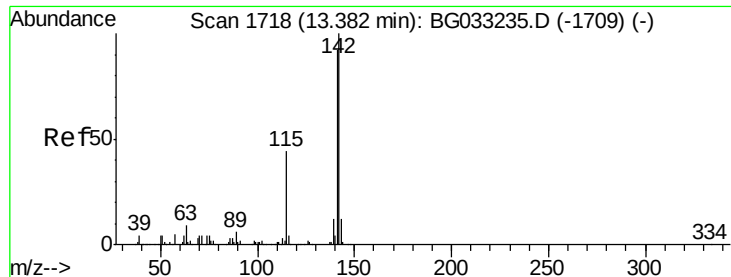
Delta R.T. 0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	107	Resp:	173853
Ion	Ratio	Lower	Upper
107	100		
144	22.2	18.2	27.4
142	66.8	59.0	88.4





#37
2-Methylnaphthalene
Concen: 44.809 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

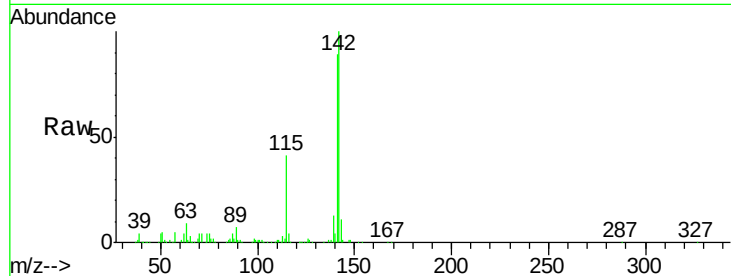
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.1	100.7
115	41.0	30.7	46.1

Manual Integrations
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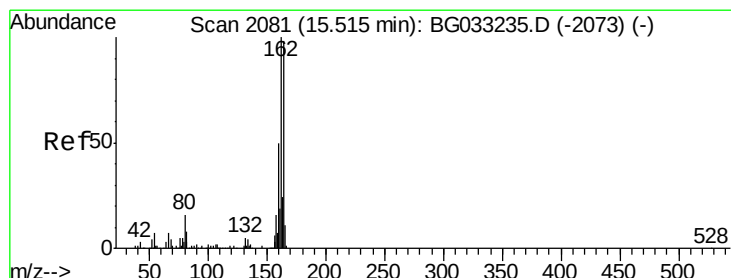
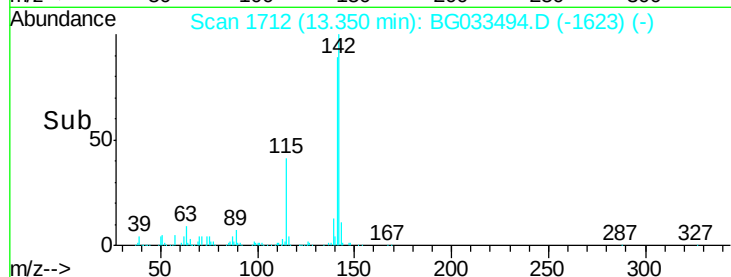
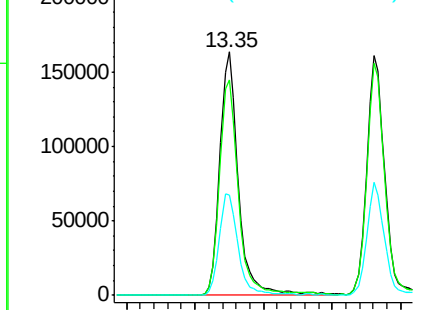


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

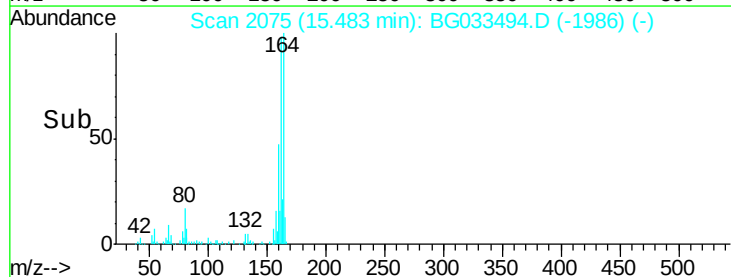
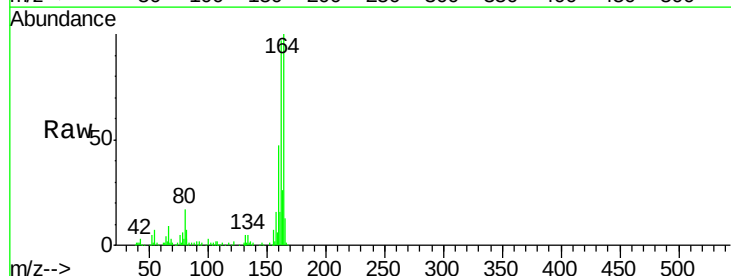
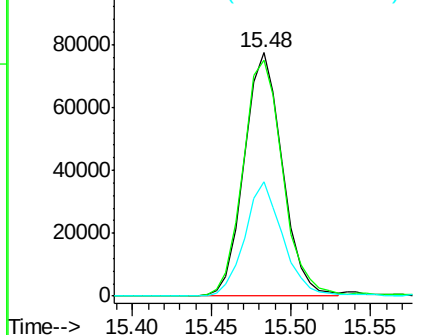
Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.8	118.2
160	46.8	35.4	53.0

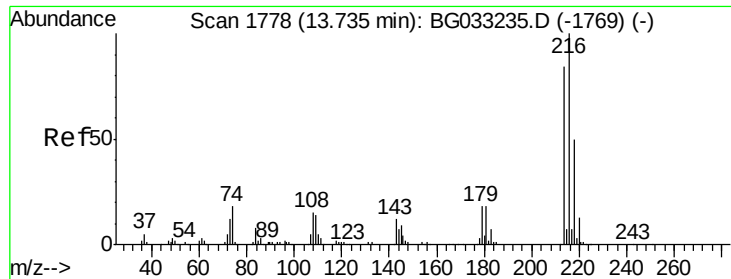
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.393 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

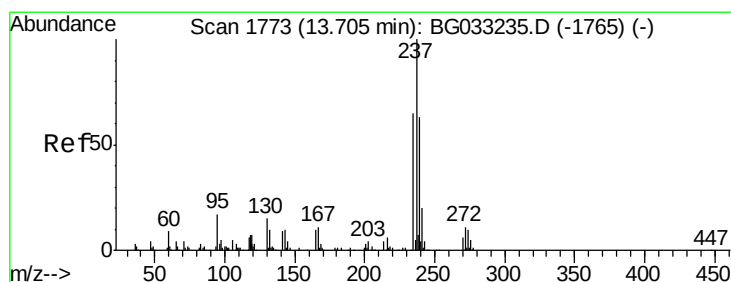
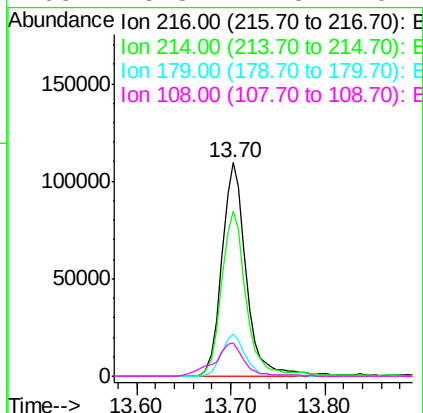
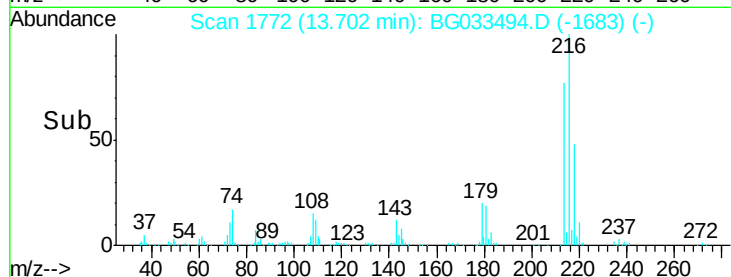
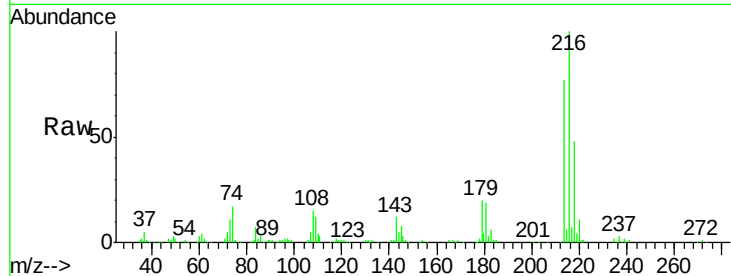
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	198891		
214	78.6	63.0	94.4	
179	19.6	17.0	25.6	
108	18.8	12.8	19.2	

Manual Integrations
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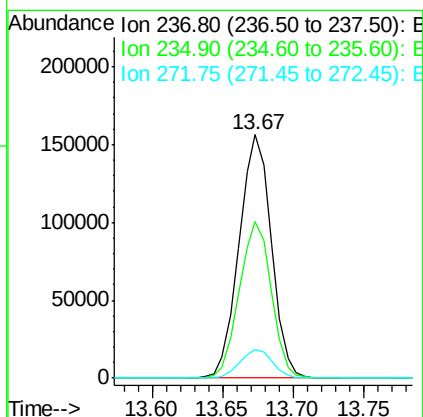
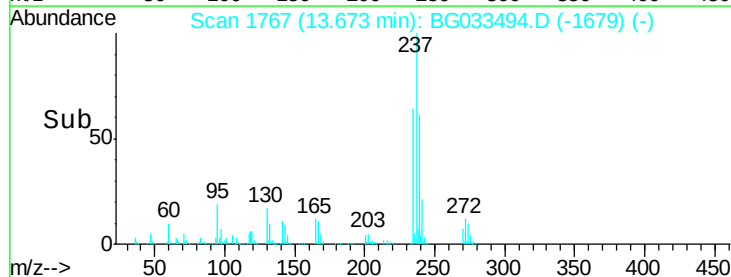
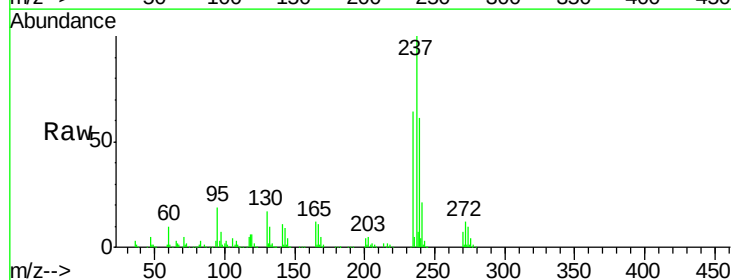
Sohil
 4/3/2018 12:08:05 PM

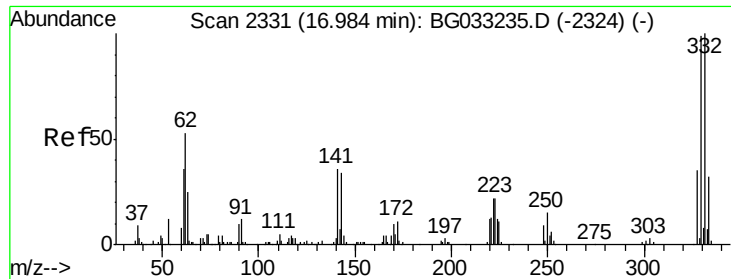
4/3/2018 12:08:05 PM



#40
 Hexachlorocyclopentadiene
 Concen: 90.565 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	249086		
235	64.1	50.4	90.4	
272	11.7	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 96.210 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

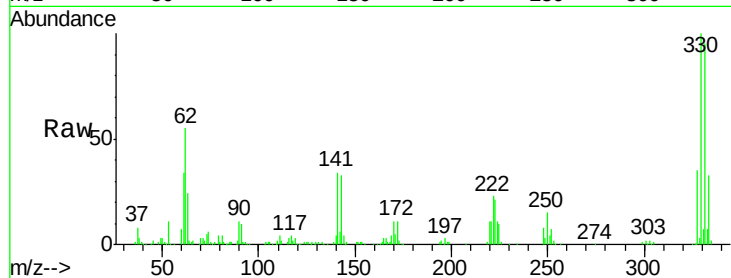
Tot Ion:	330	Resp:	186374
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.0	115.6
141	36.6	25.2	37.8

Manual Integrations
APPROVED

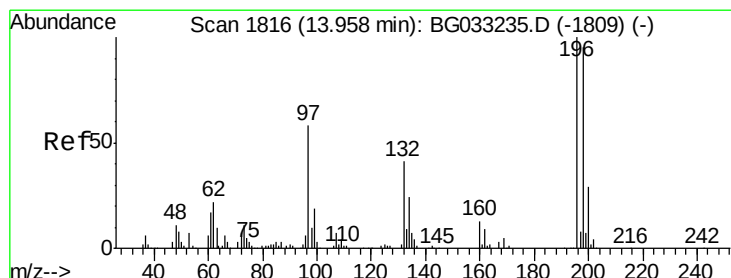
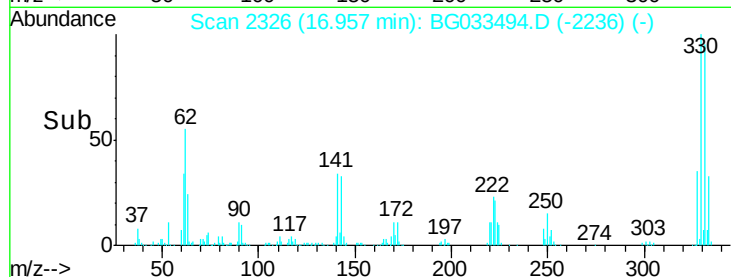
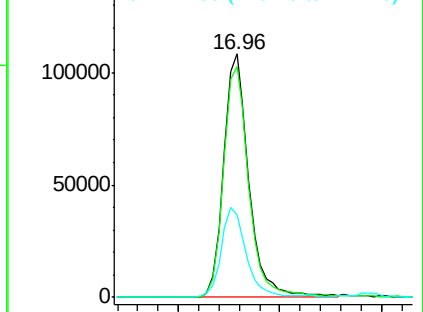
Sohil

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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: 48.879 ng

RT: 13.93 min Scan# 1811

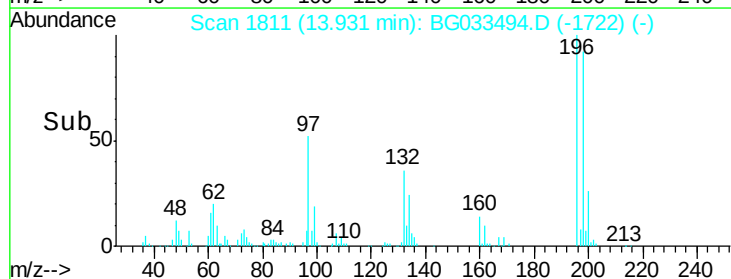
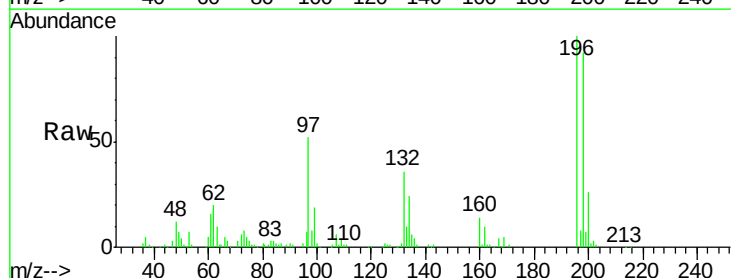
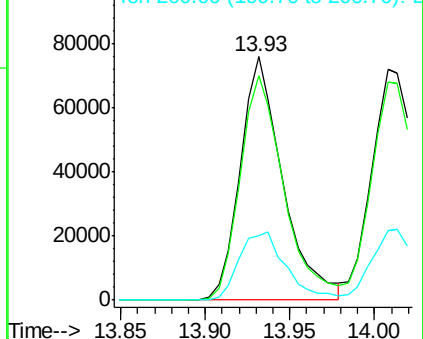
Delta R.T. -0.01 min

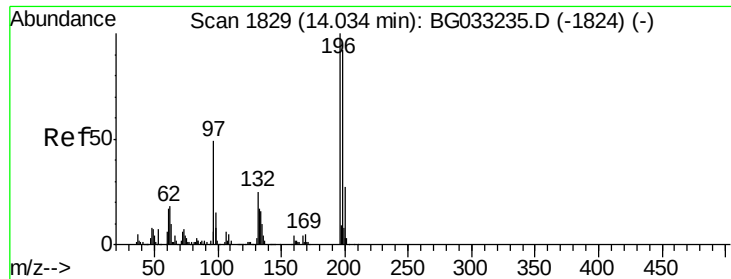
Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	196	Resp:	133238
Ion Ratio	Lower	Upper	
196	100		
198	92.1	78.2	117.2
200	26.5	24.6	36.8

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





#43
 2,4,5-Trichlorophenol
 Concen: 46.785 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

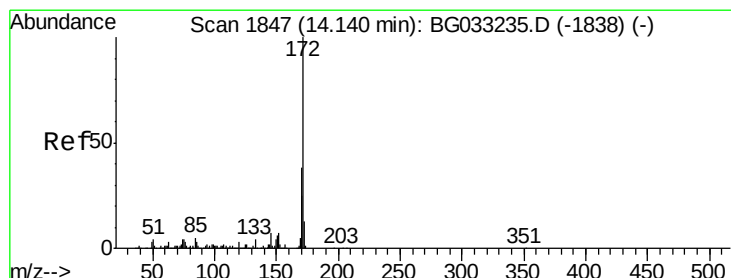
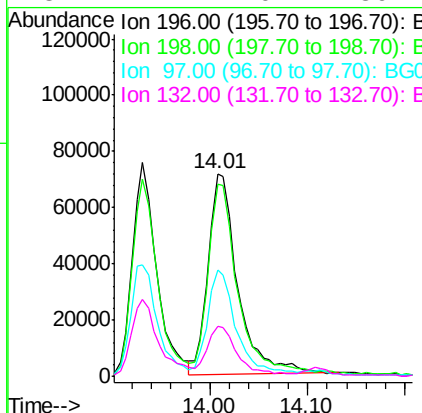
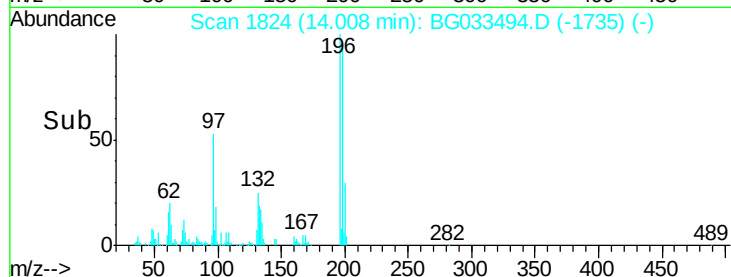
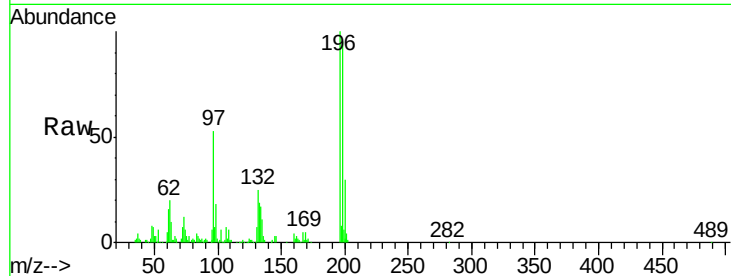
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion:	196	Resp:	150739
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.2	114.4
97	52.7	38.7	58.1
132	24.7	20.2	30.2

Manual Integrations
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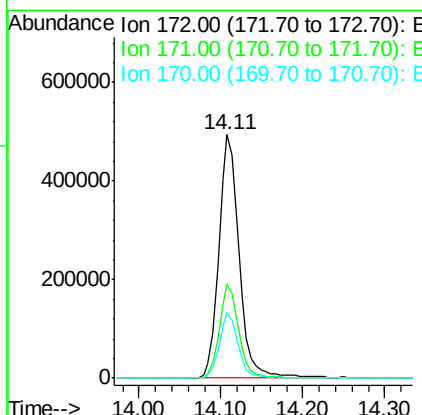
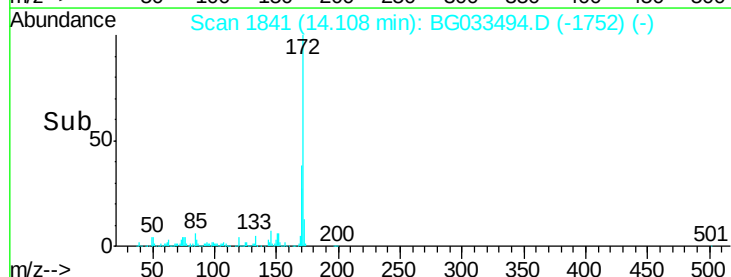
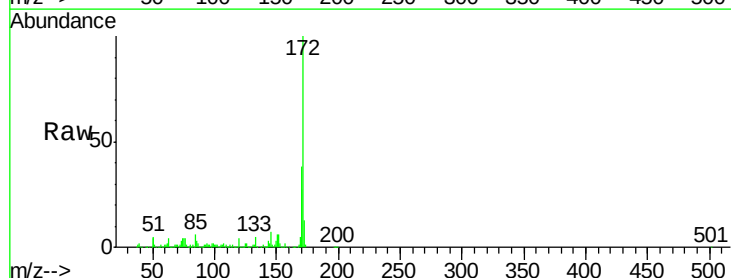
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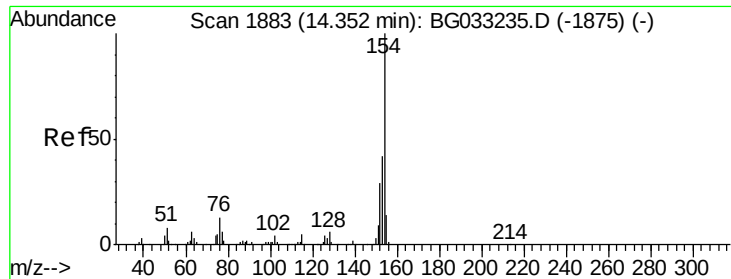
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#44
 2-Fluorobiphenyl
 Concen: 95.096 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion:	172	Resp:	853191
Ion Ratio	Lower	Upper	
172	100		
171	38.5	30.0	45.0
170	27.1	19.5	29.3





#45
 1,1'-Biphenyl
 Concen: 43.263 ng
 RT: 14.33 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

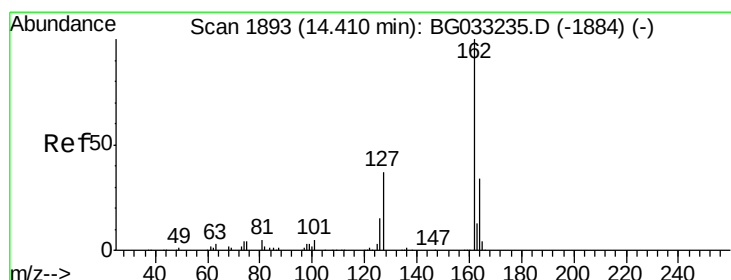
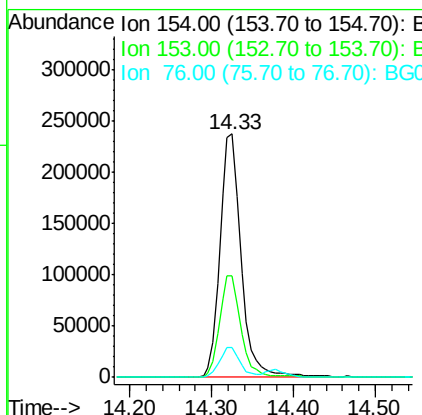
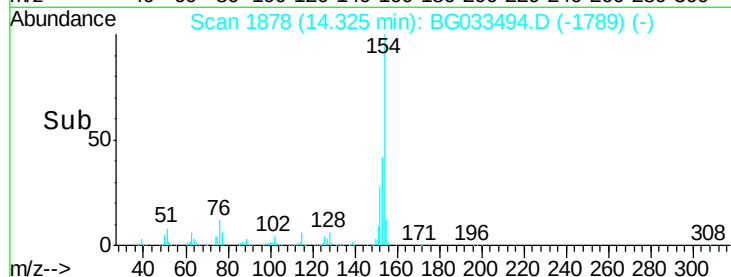
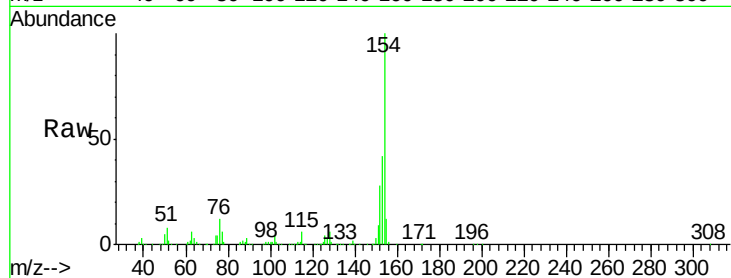
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion:	154	Resp:	430504
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.8	59.8
76	12.3	0.0	31.9

Manual Integrations
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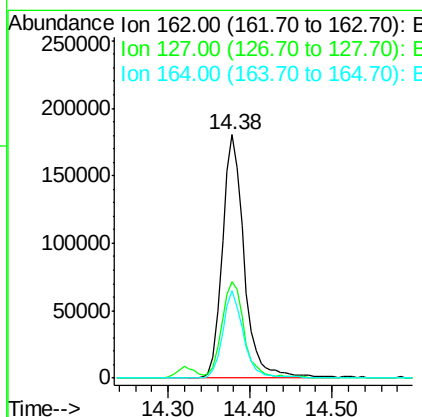
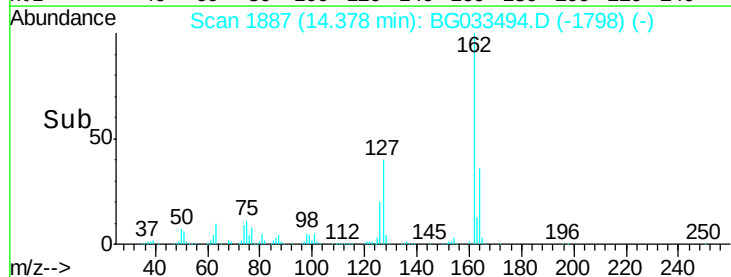
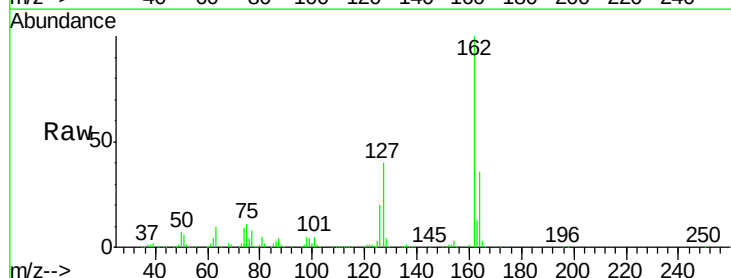
Sohil
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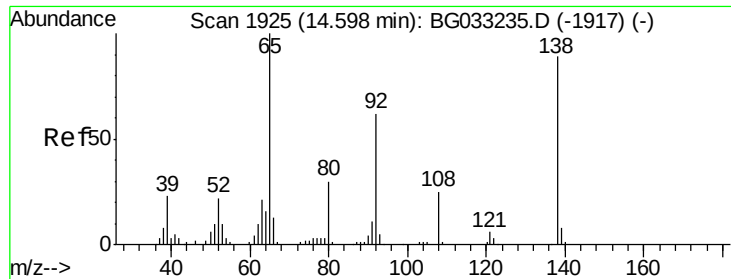
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#46
 2-Chloronaphthalene
 Concen: 43.639 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion:	162	Resp:	334823
Ion Ratio	Lower	Upper	
162	100		
127	39.5	30.7	46.1
164	35.7	26.0	39.0





#47
2-Nitroaniline
Concen: 47.529 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

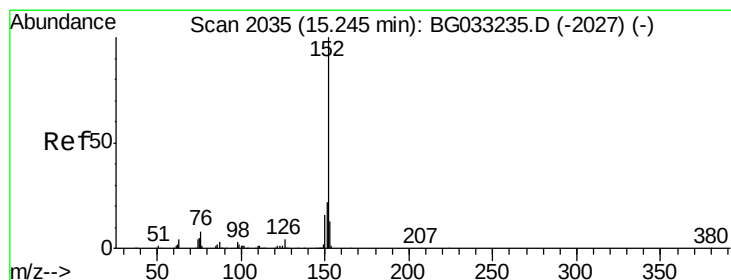
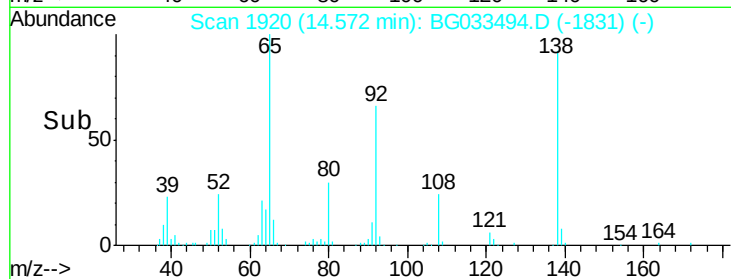
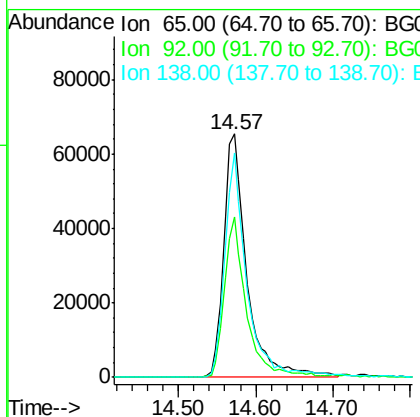
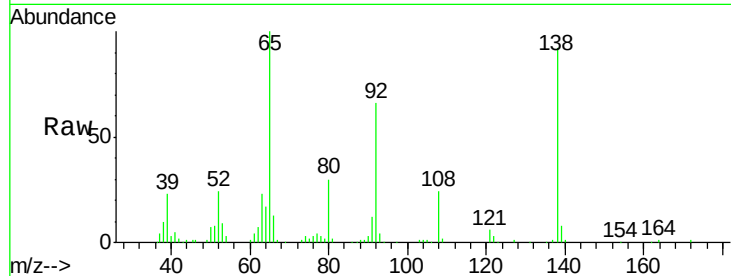
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136591		
92	66.0	54.6	82.0	
138	92.1	72.9	109.3	

Manual Integrations
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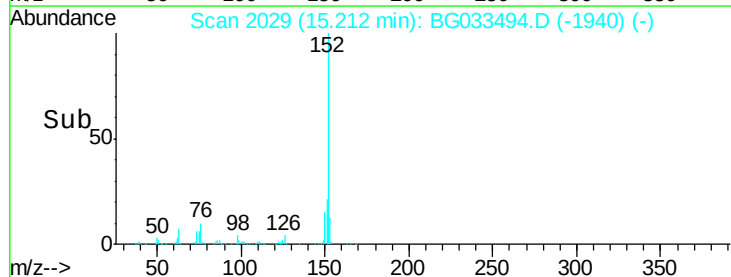
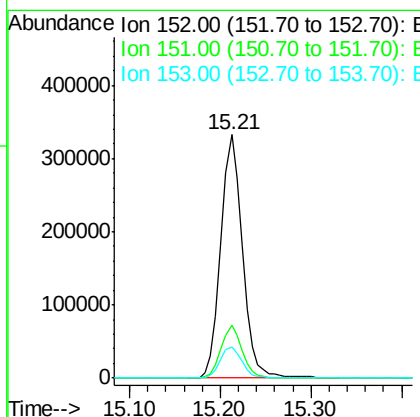
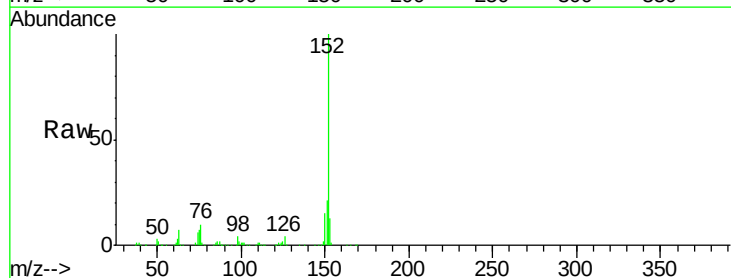
Sohil
4/3/2018 12:08:05 PM

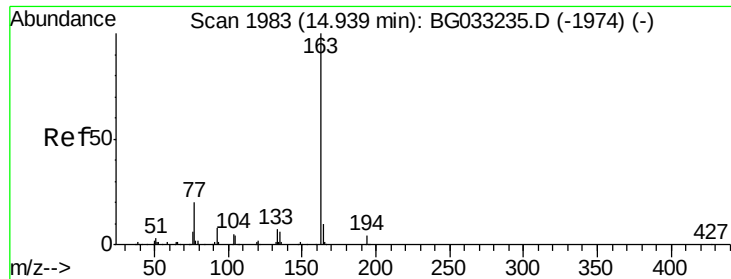
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#48
Acenaphthylene
Concen: 43.144 ng
RT: 15.21 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	552553		
151	21.5	17.2	25.8	
153	12.8	10.2	15.4	





#49
Dimethylphthalate
Concen: 42.994 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

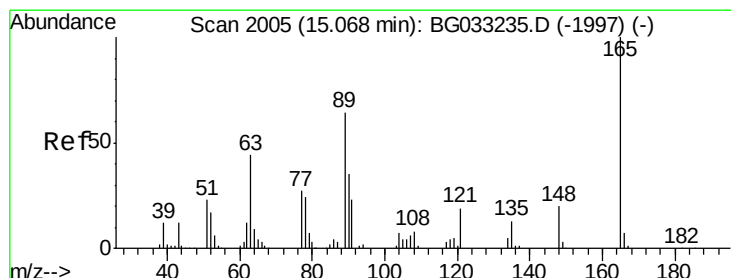
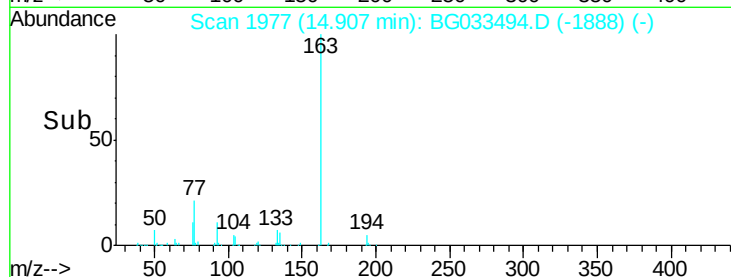
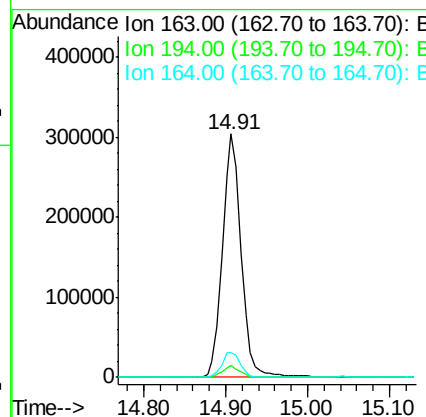
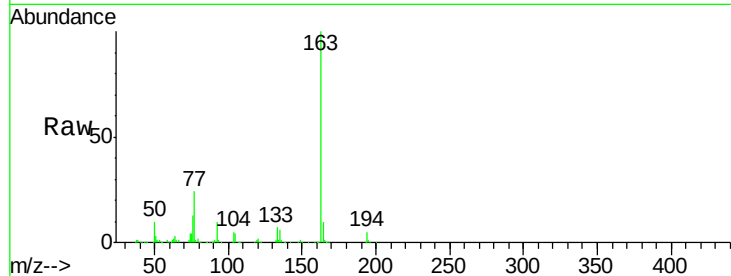
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	484627		
194	4.7		3.4	5.2
164	10.2		8.2	12.4

Manual Integrations
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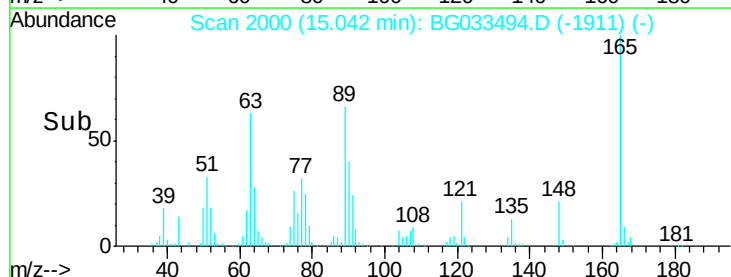
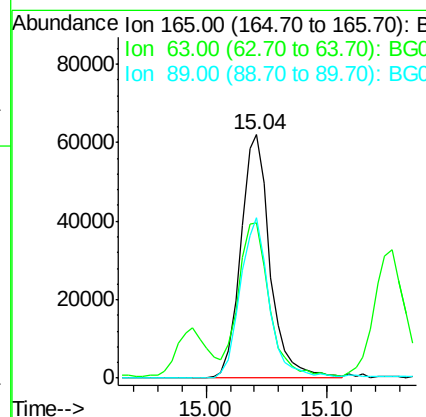
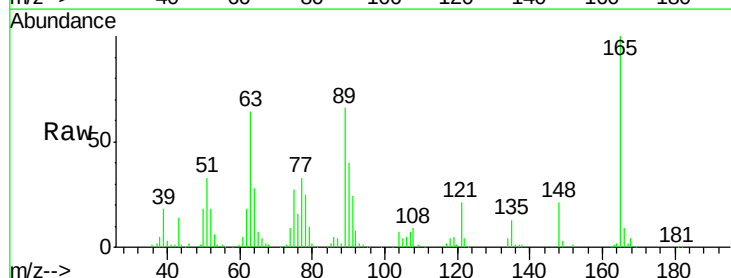
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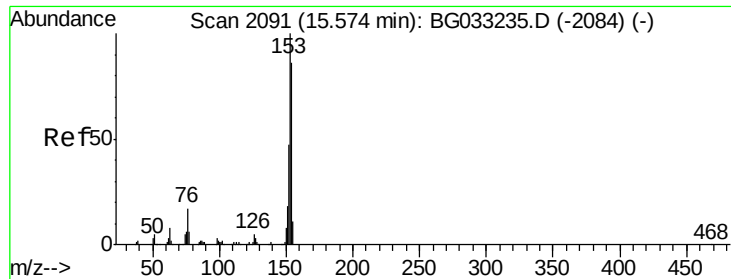
4/3/2018 12:08:05 PM



#50
2,6-Dinitrotoluene
Concen: 45.631 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	105171		
63	63.9		52.7	79.1
89	66.1		49.2	73.8





#51

Acenaphthene

Concen: 49.423 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

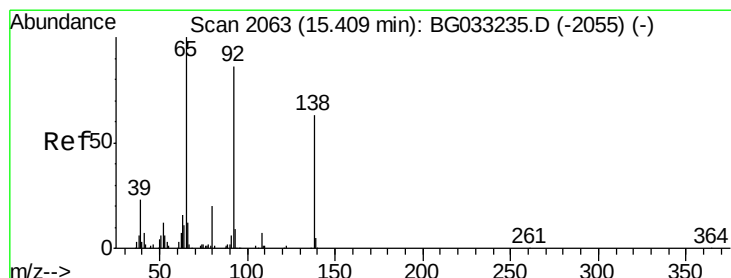
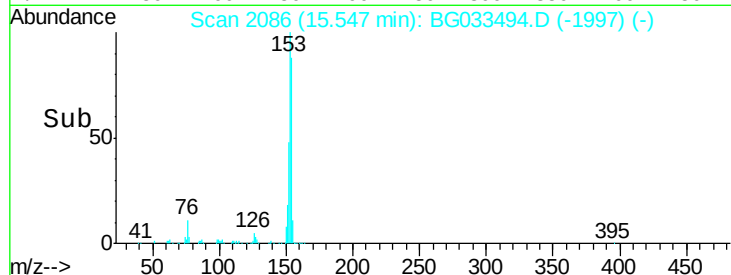
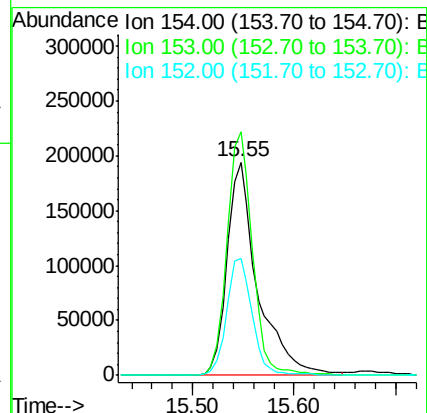
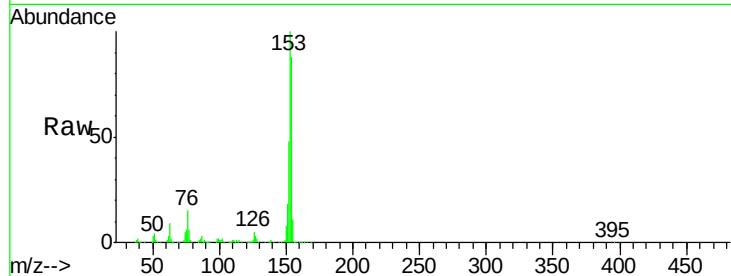
Tot Ion:	154	Resp:	408030
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.4	135.6
152	55.1	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 17.382 ng

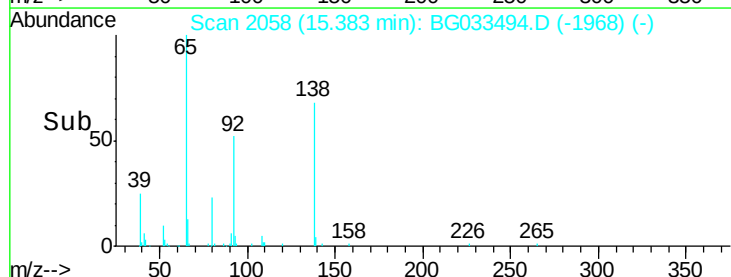
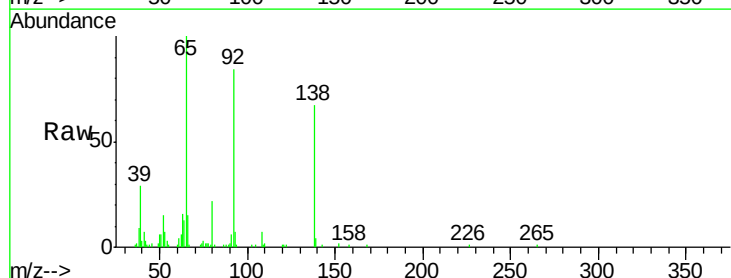
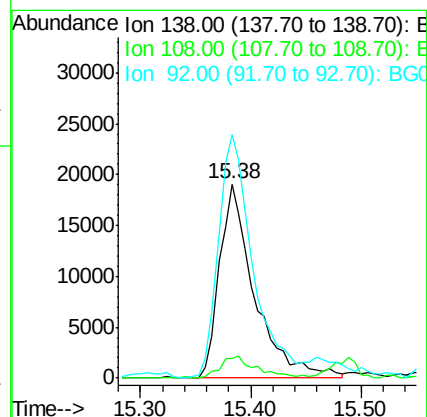
RT: 15.38 min Scan# 2058

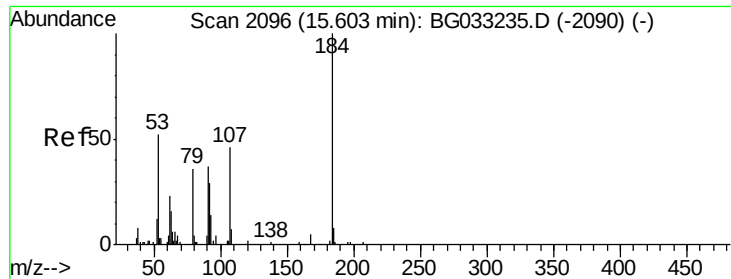
Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	138	Resp:	42001
Ion Ratio	Lower	Upper	
138	100		
108	10.1	17.5	26.3#
92	125.4	105.8	158.8





#53
 2,4-Dinitrophenol
 Concen: 93.747 ng
 RT: 15.58 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

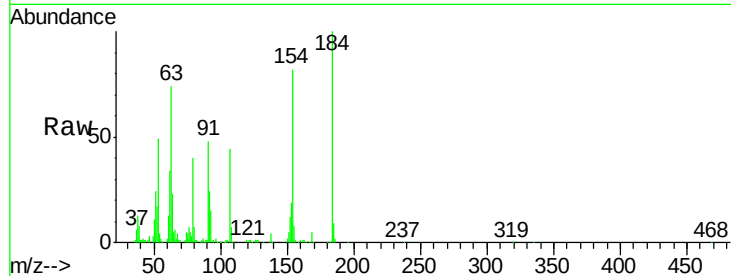
Instrument :
 BNA_G
 ClientSampled :
 PB107833BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.0	59.8	89.8
154	81.9	101.8	152.8#

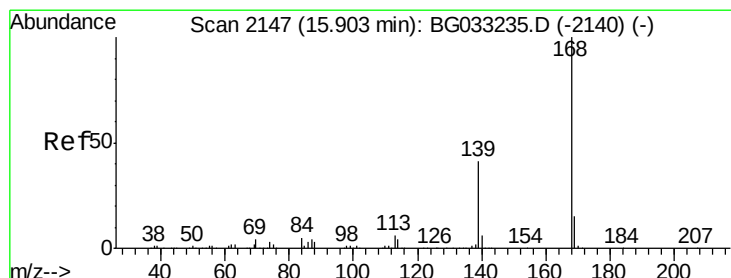
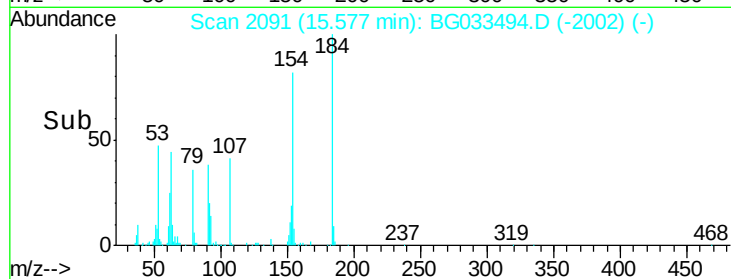
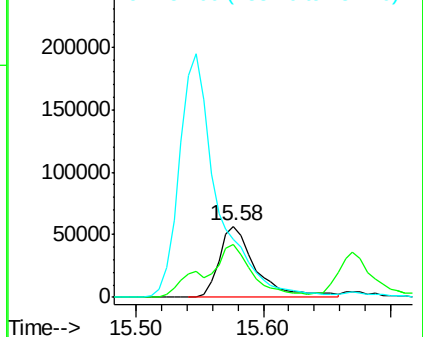
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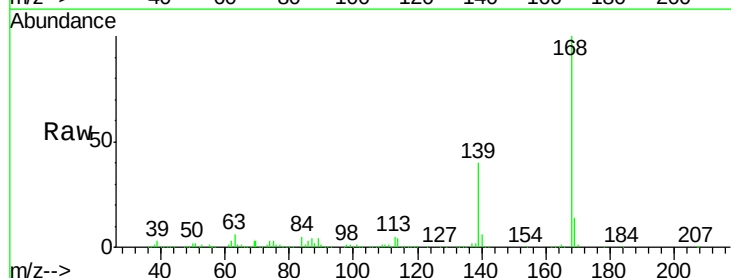


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

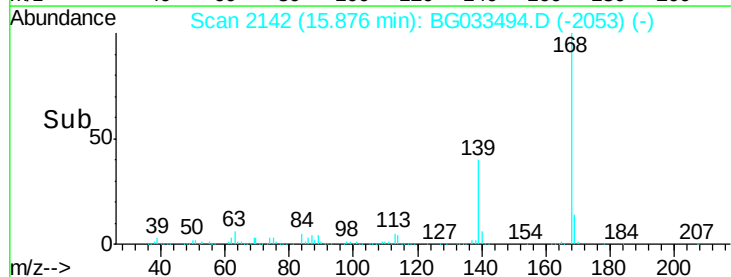
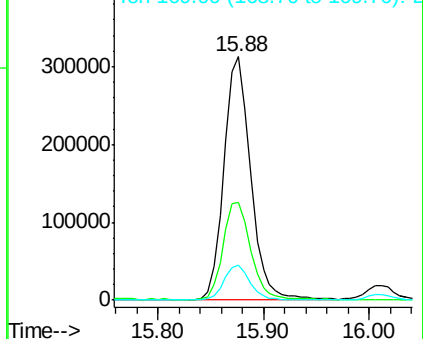


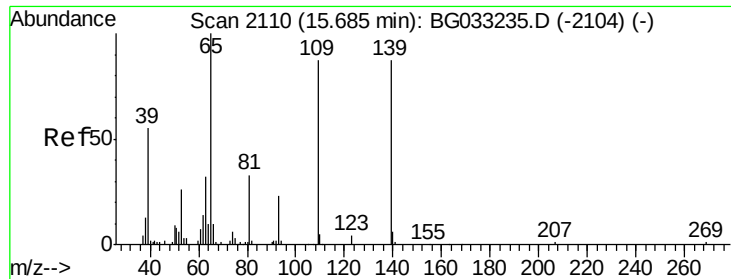
#54
 Dibenzofuran
 Concen: 45.007 ng
 RT: 15.88 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	28.6	43.0
169	14.2	11.2	16.8



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





#55
4-Nitrophenol
Concen: 99.832 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

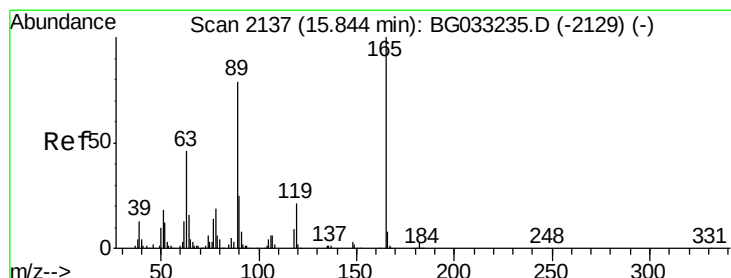
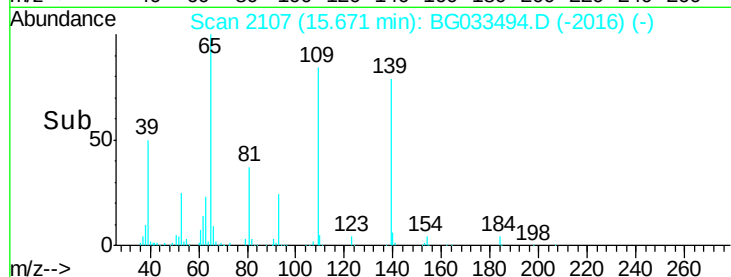
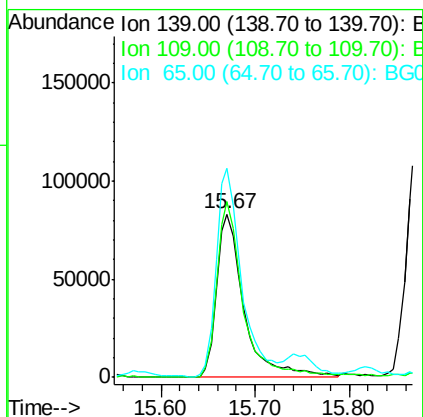
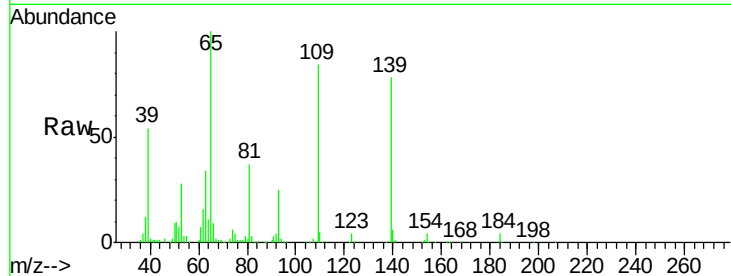
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	169625		
109	107.4	62.2	102.2#	
65	128.0	97.2	137.2	

Manual Integrations
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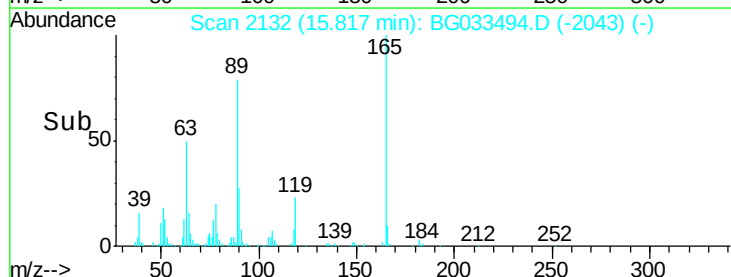
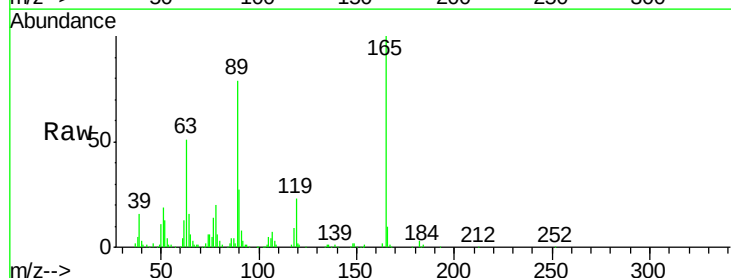
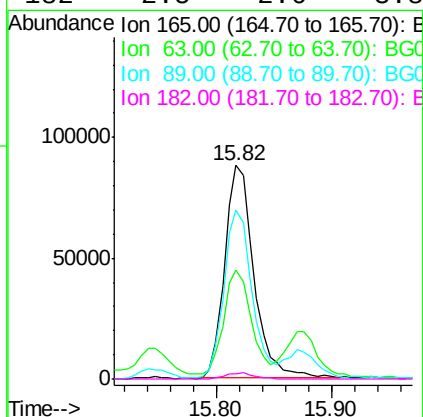
Sohil
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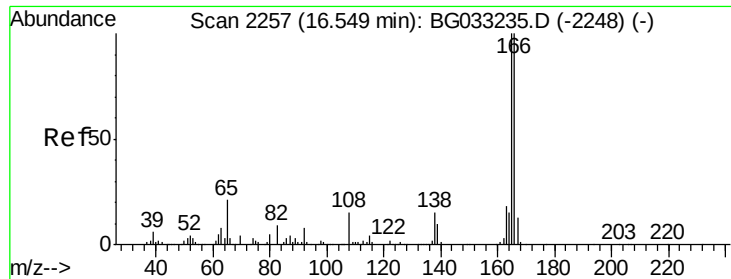
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#56
2,4-Dinitrotoluene
Concen: 45.513 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154452		
63	50.8	42.0	63.0	
89	78.9	66.9	100.3	
182	2.5	2.6	3.8#	





#57
 Fluorene
 Concen: 44.243 ng
 RT: 16.52 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

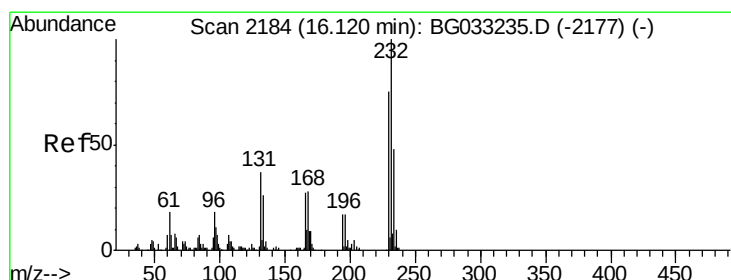
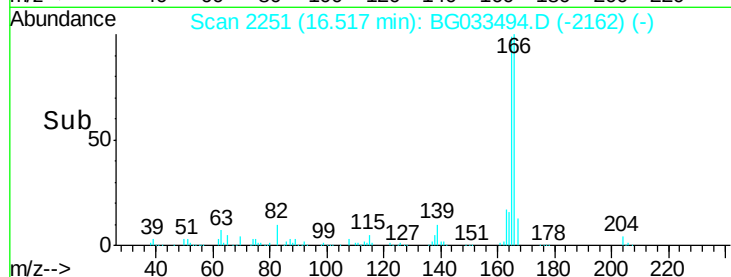
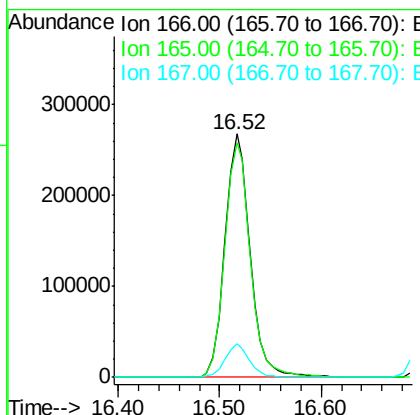
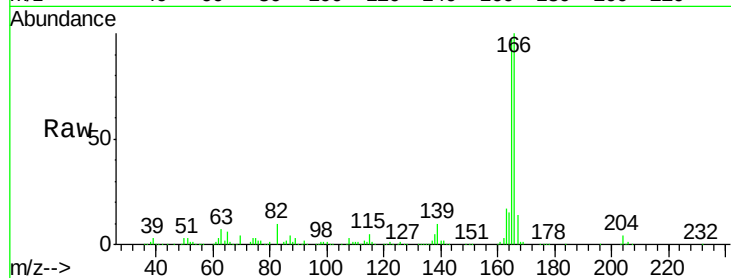
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	459650		
165	96.6	80.6	121.0	
167	13.8	10.4	15.6	

Manual Integrations
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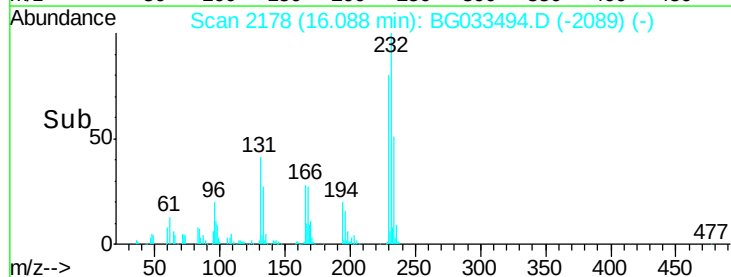
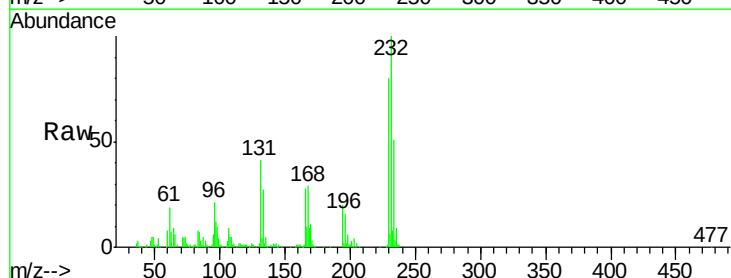
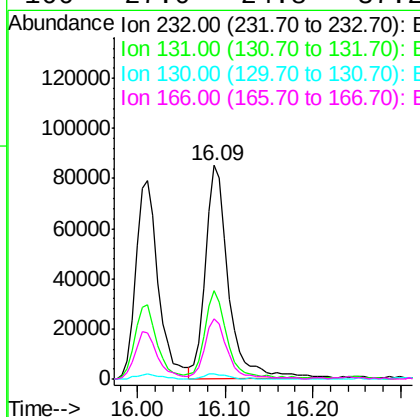
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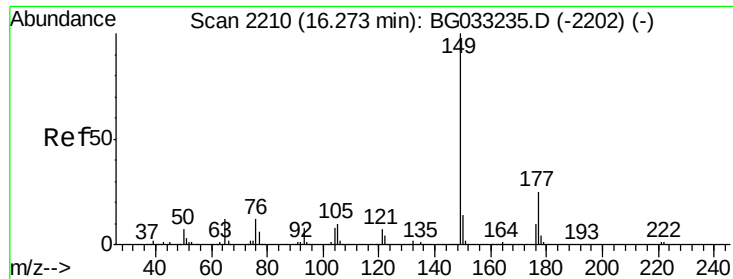
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.864 ng
 RT: 16.09 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	154282		
131	38.9	33.5	50.3	
130	2.4	2.2	3.2	
166	27.0	24.8	37.2	





#59
Diethylphthalate
Concen: 43.789 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

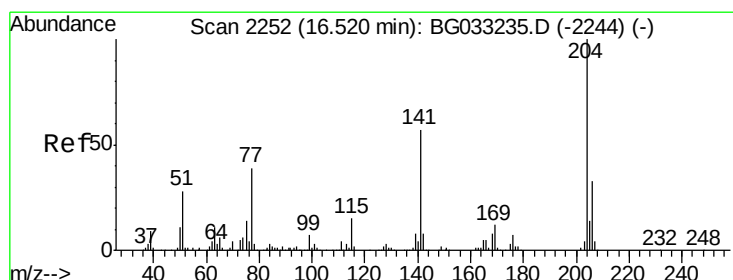
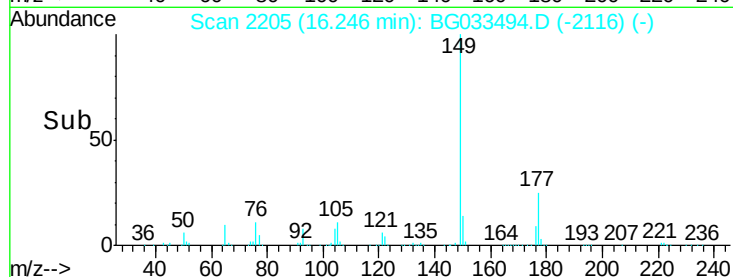
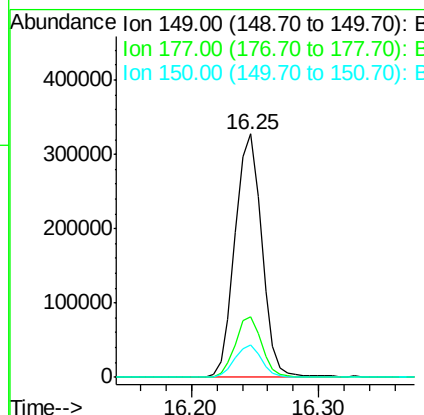
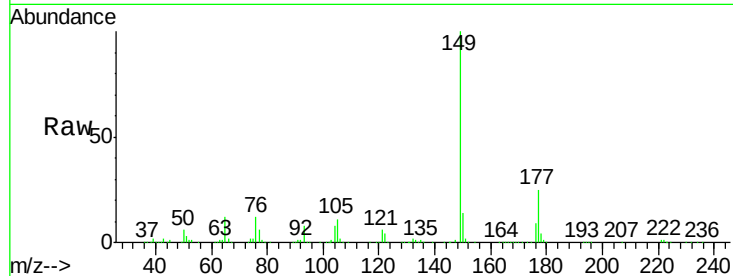
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.5	27.7
150	13.6	10.2	15.2

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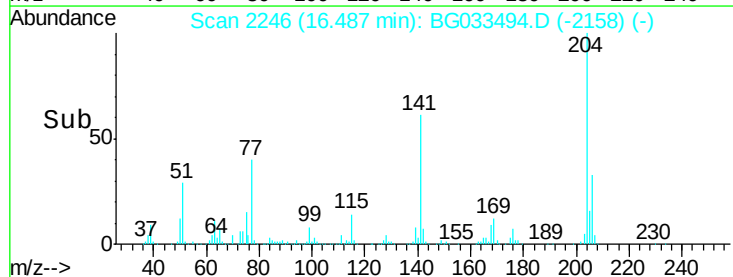
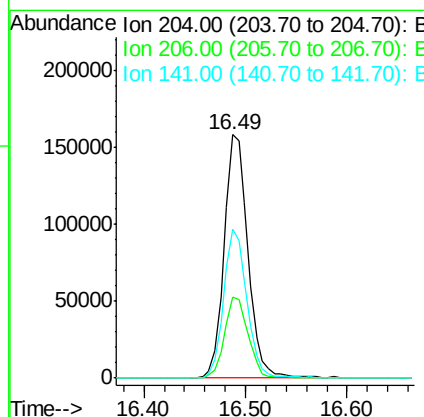
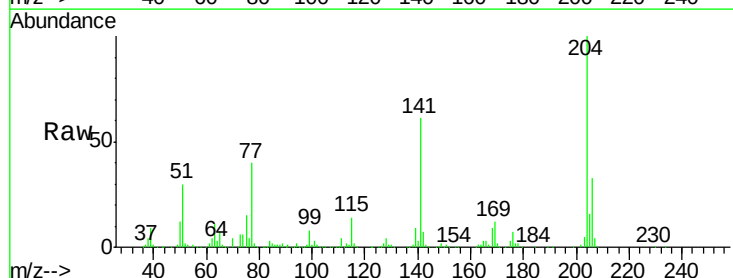
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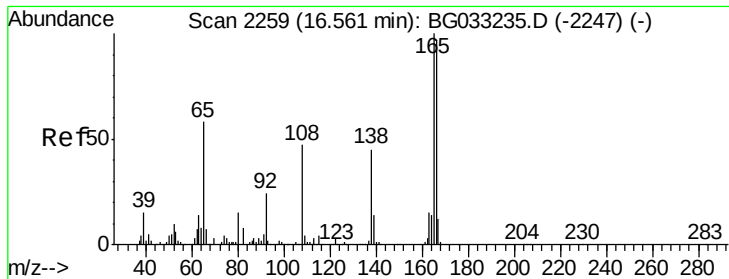
4/3/2018 12:08:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.228 ng
RT: 16.49 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	61.4	45.8	68.6





#61

4-Nitroaniline

Concen: 39.744 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

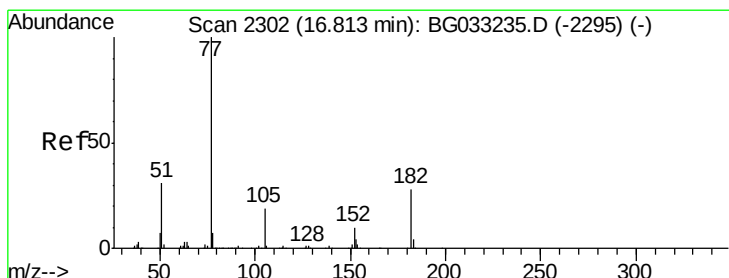
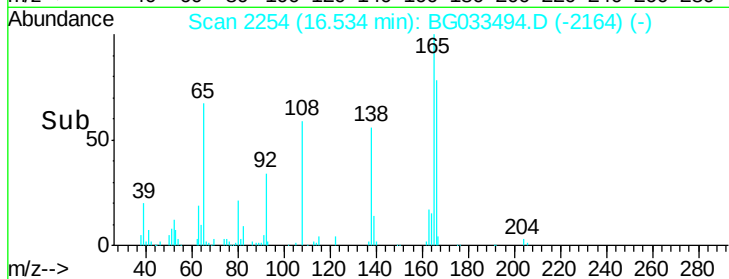
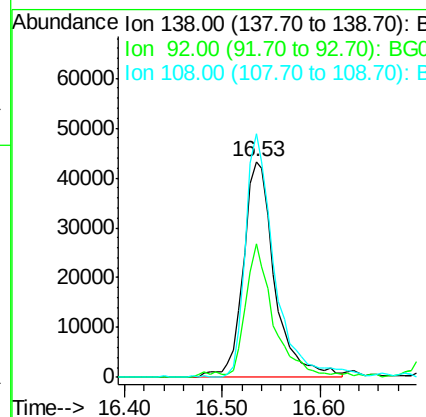
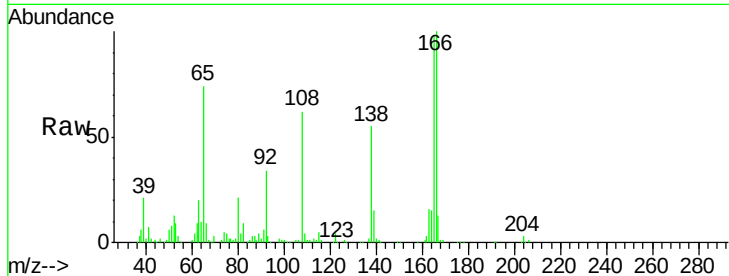
Tot Ion:138 Resp: 97251
 Ion Ratio Lower Upper
 138 100
 92 61.8 40.1 80.1
 108 112.7 65.4 105.4#

Manual Integrations
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#62

Azobenzene

Concen: 45.734 ng

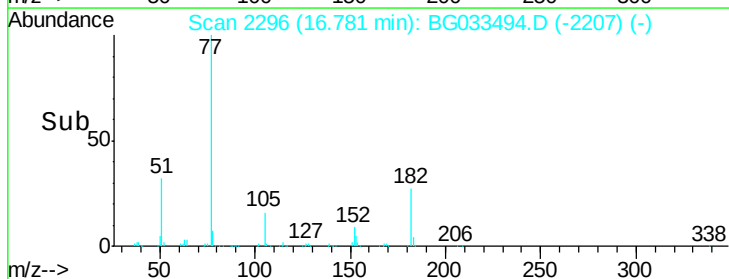
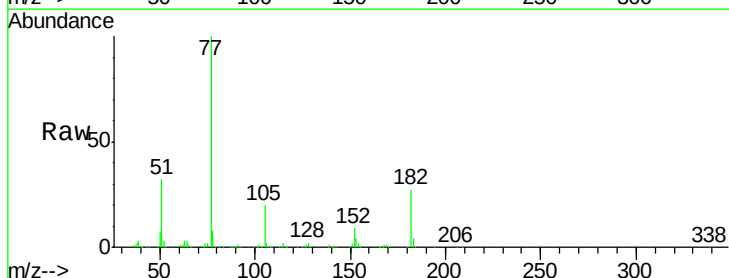
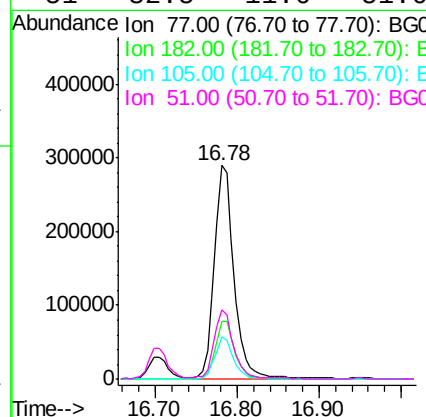
RT: 16.78 min Scan# 2296

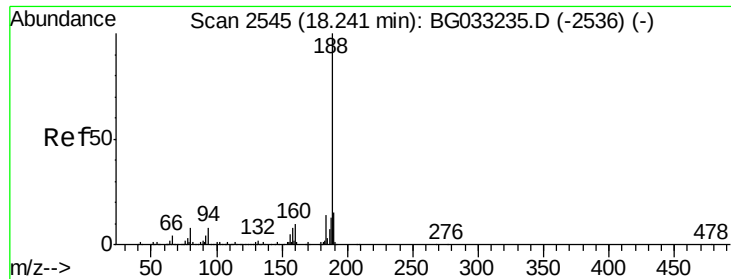
Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion: 77 Resp: 484898
 Ion Ratio Lower Upper
 77 100
 182 26.8 7.4 47.4
 105 19.8 0.3 40.3
 51 32.5 11.6 51.6





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

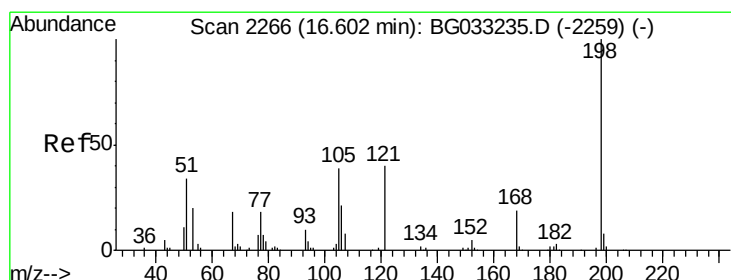
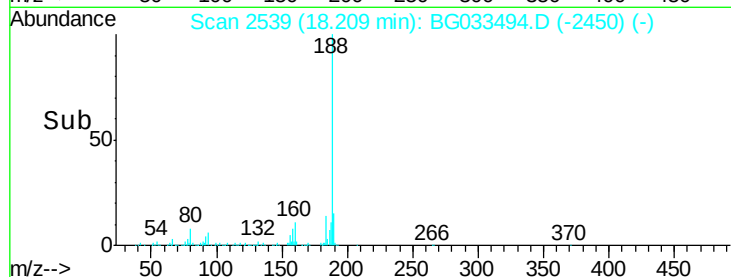
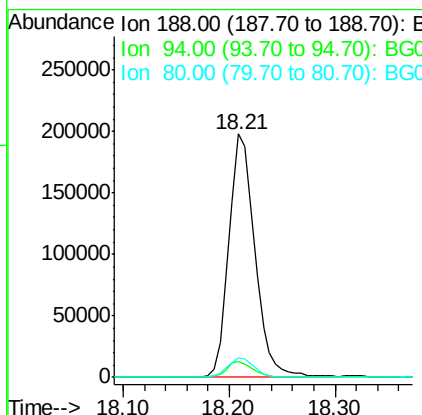
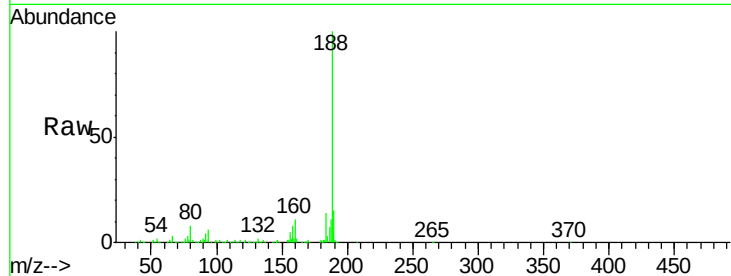
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	337472		
94	6.4		6.9	10.3#
80	8.2		7.7	11.5

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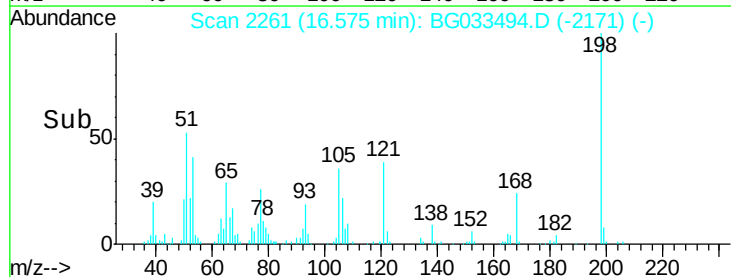
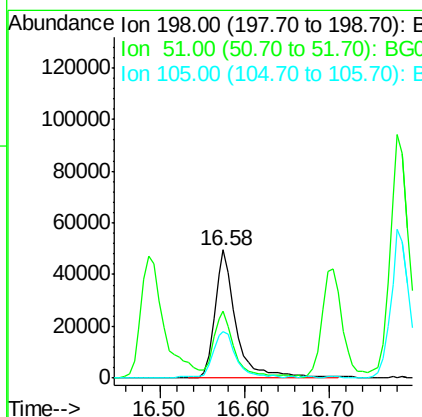
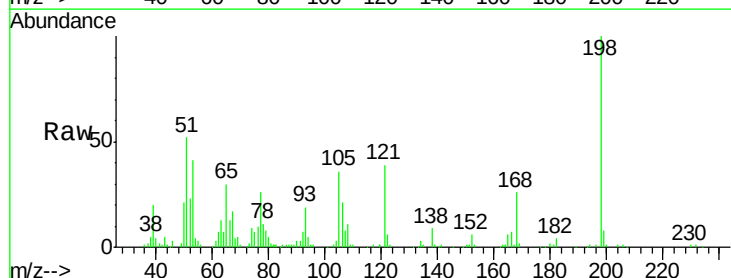
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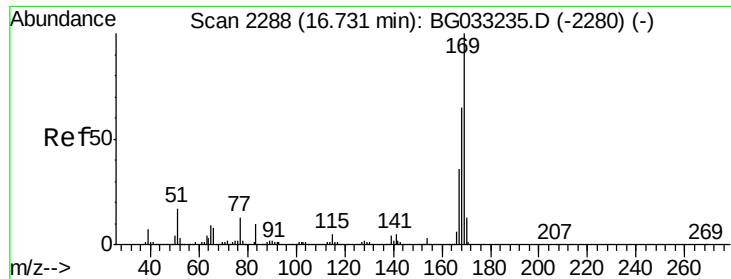
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.342 ng
RT: 16.58 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87501		
51	52.5		30.6	70.6
105	36.1		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 43.890 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

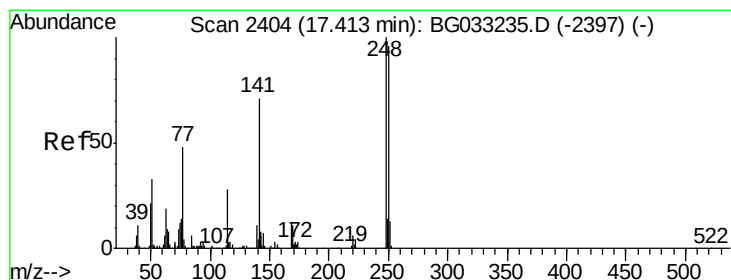
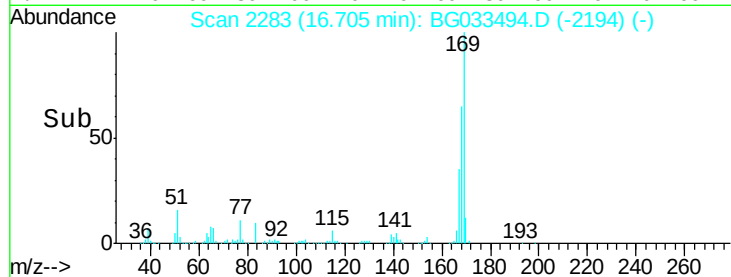
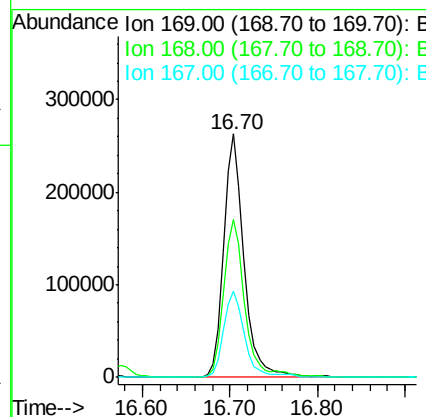
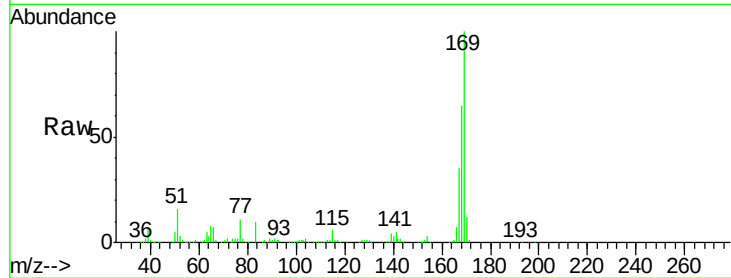
Tot Ion:	169	Resp:	422850
Ion Ratio	Lower	Upper	
169	100		
168	64.8	55.7	83.5
167	35.4	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 43.658 ng

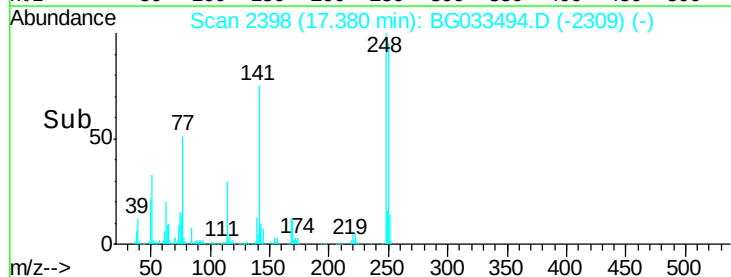
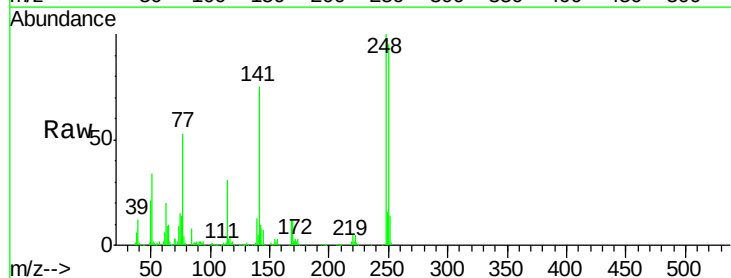
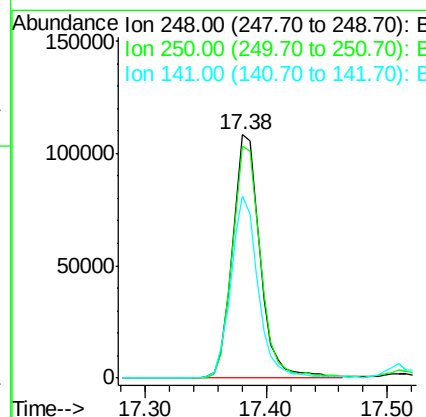
RT: 17.38 min Scan# 2398

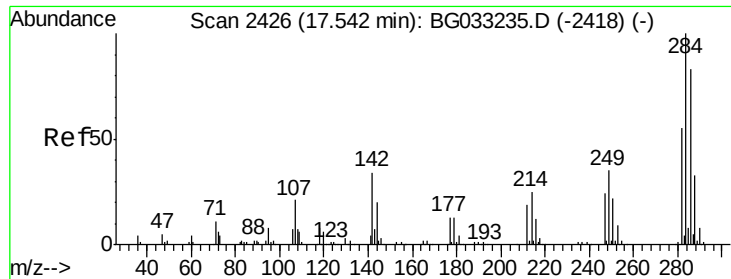
Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	248	Resp:	173028
Ion Ratio	Lower	Upper	
248	100		
250	95.4	77.1	115.7
141	74.9	50.8	76.2





#67
Hexachlorobenzene
Concen: 42.352 ng
RT: 17.52 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

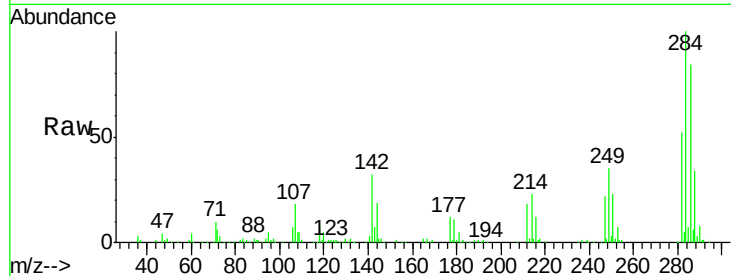
Instrument :
BNA_G
ClientSampled :
PB107833BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	177146		
142	32.4	26.8	40.2	
249	35.2	26.3	39.5	

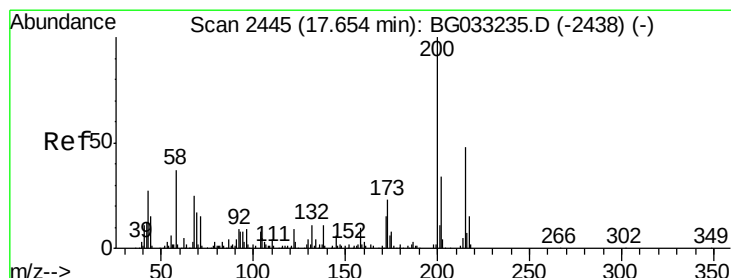
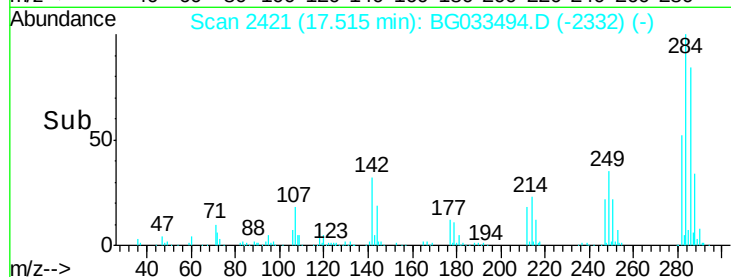
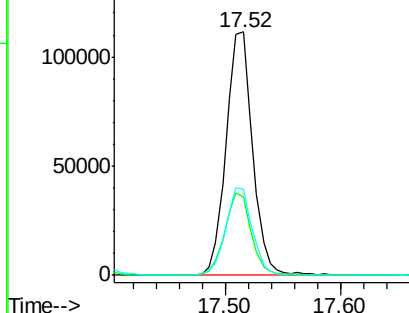
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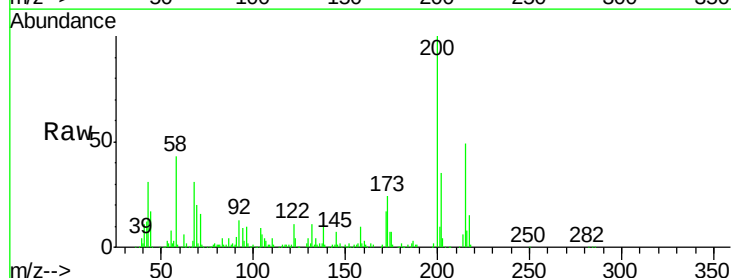


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

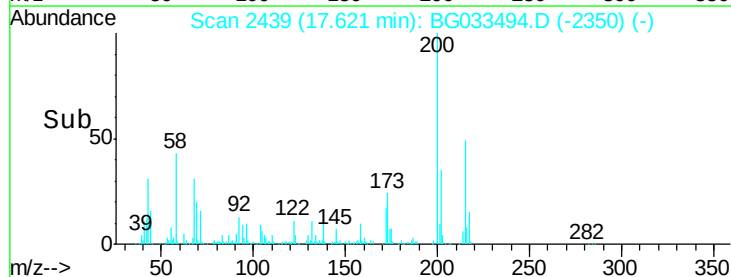
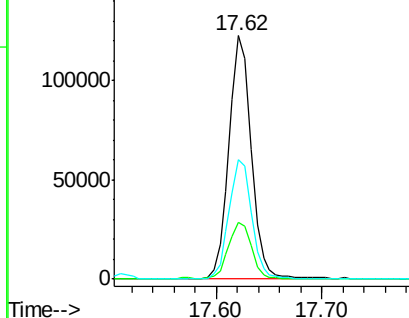


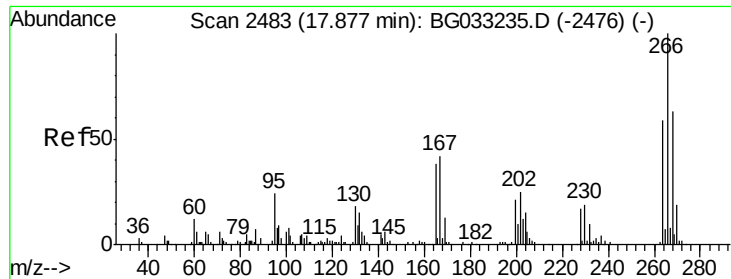
#68
Atrazine
Concen: 46.156 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	180193		
173	23.6	5.2	45.2	
215	49.0	30.4	70.4	



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





#69
 Pentachlorophenol
 Concen: 83.853 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

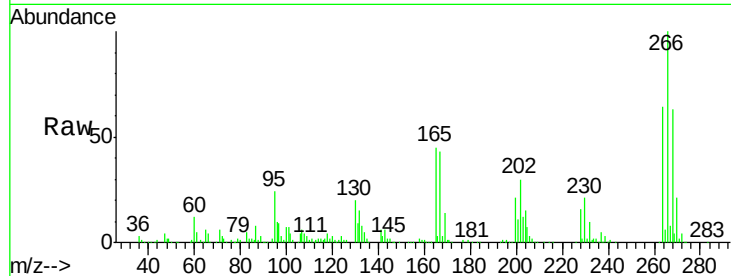
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.7	49.6	74.4

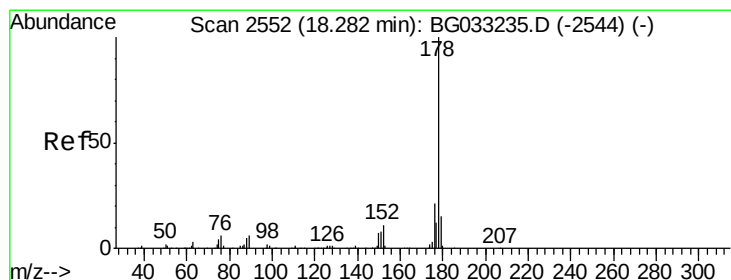
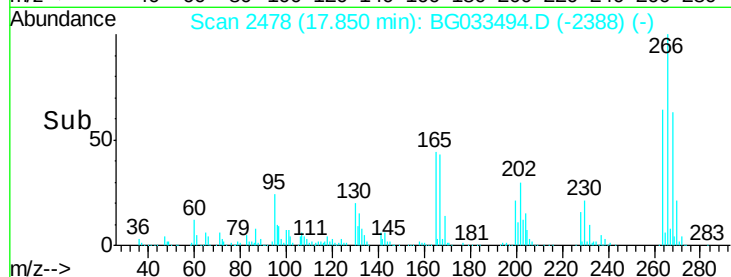
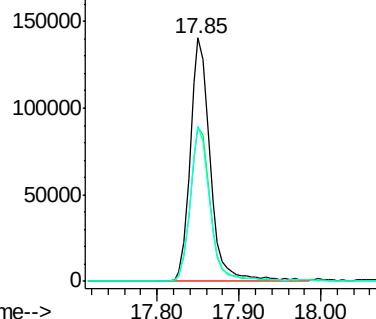
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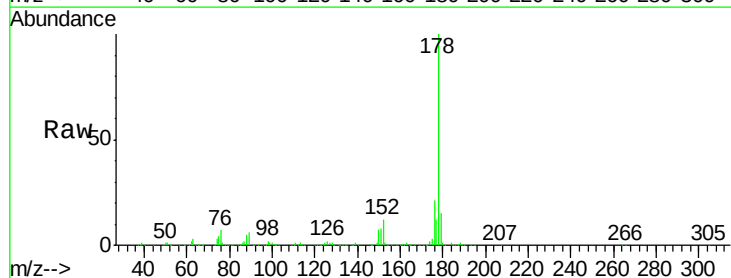


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

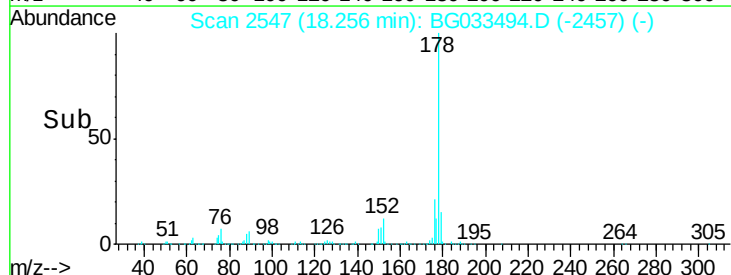
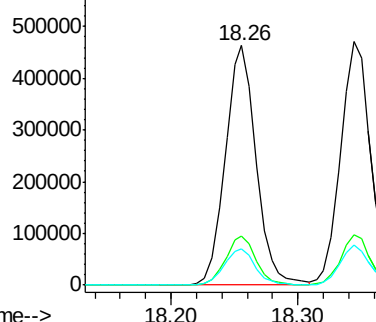


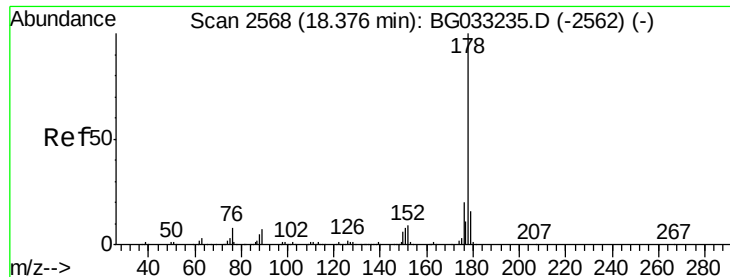
#70
 Phenanthrene
 Concen: 44.515 ng
 RT: 18.26 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	14.9	12.5	18.7



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





#71
 Anthracene
 Concen: 45.085 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

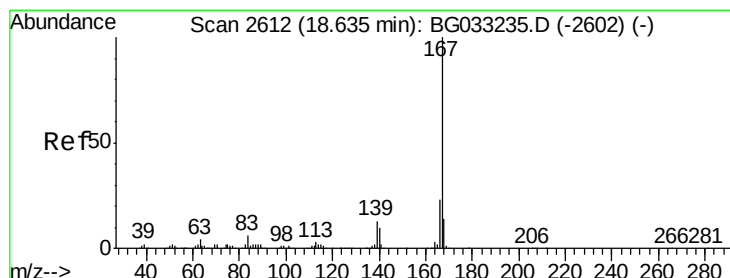
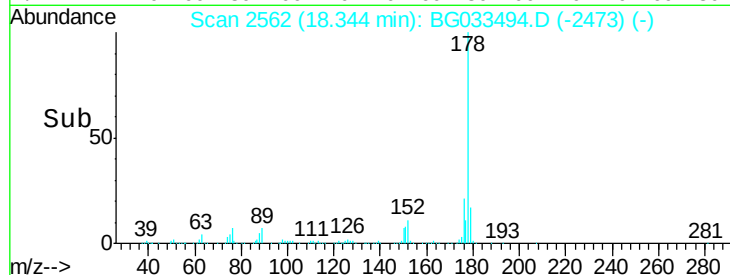
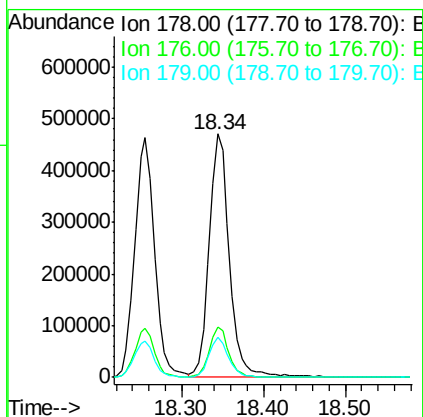
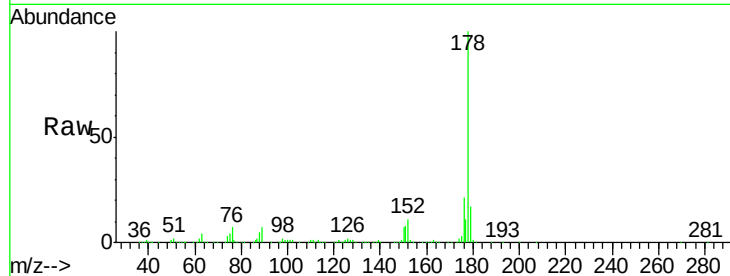
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	16.6	12.5	18.7

Manual Integrations
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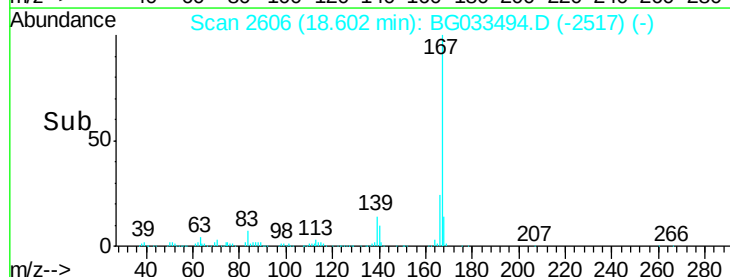
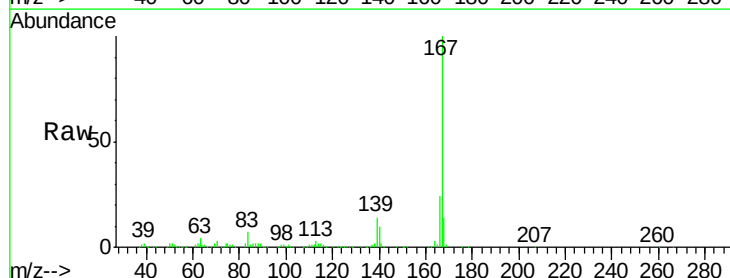
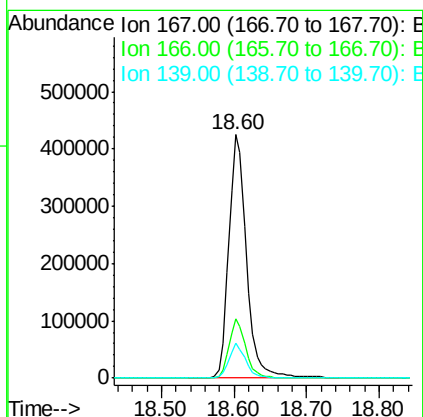
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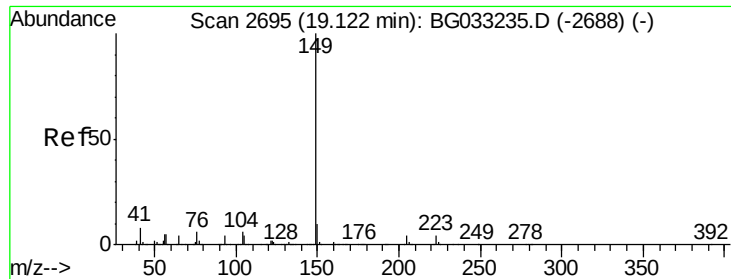
4/3/2018 12:08:05 PM



#72
 Carbazole
 Concen: 45.583 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	14.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.438 ng

RT: 19.10 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

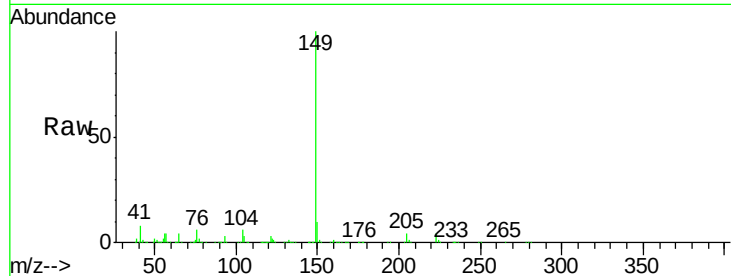
Tot Ion:	149	Resp:	852365
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	6.3	3.9	5.9

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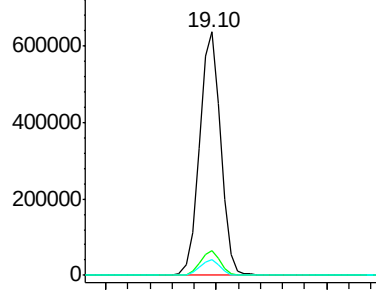
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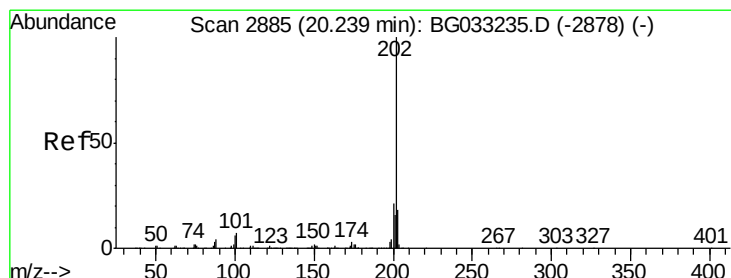
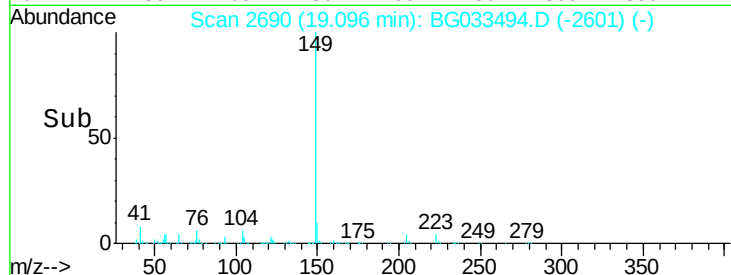
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 19.00 19.10 19.20



#74

Fluoranthene

Concen: 45.866 ng

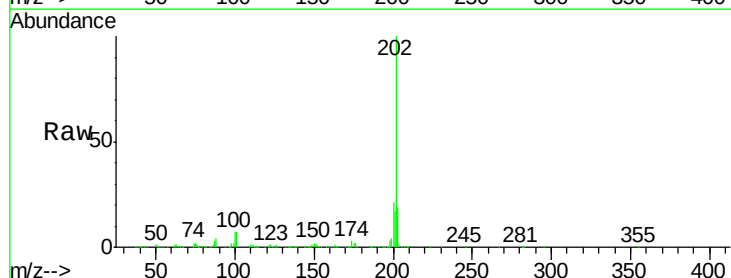
RT: 20.21 min Scan# 2879

Delta R.T. -0.01 min

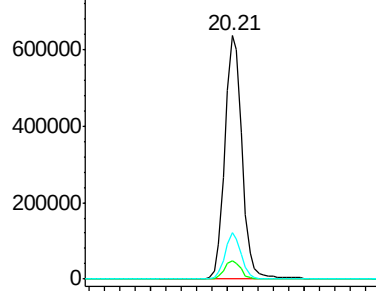
Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

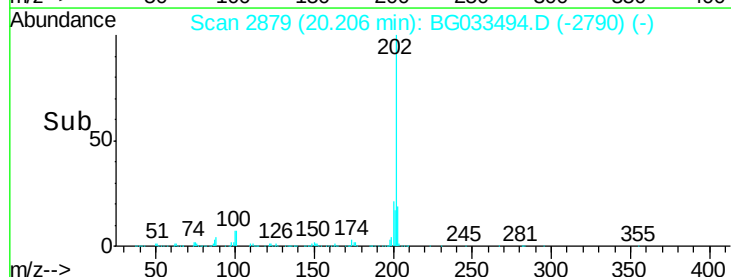
Tgt Ion:	202	Resp:	997565
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	28.9
203	18.9	0.0	37.5

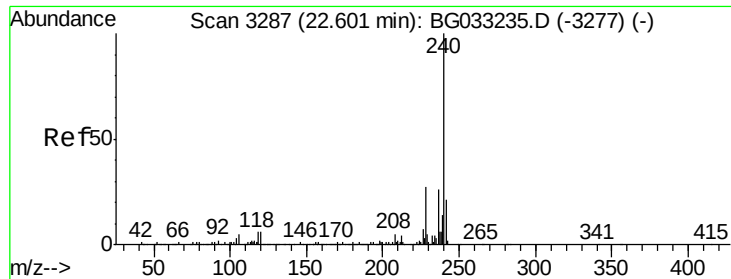


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 20.10 20.20 20.30





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampled :

PB107833BS

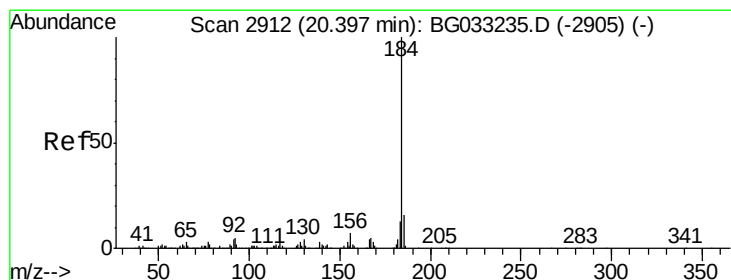
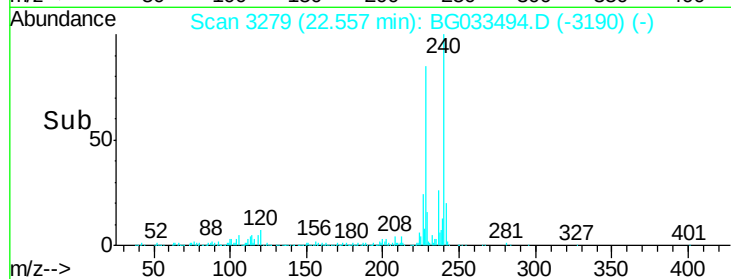
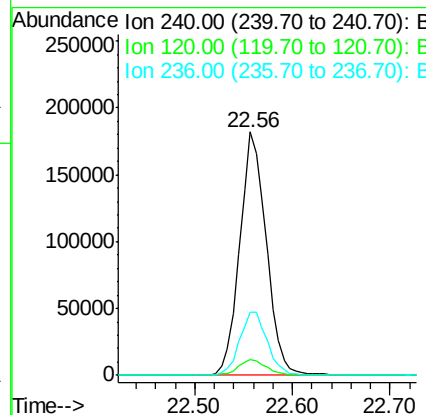
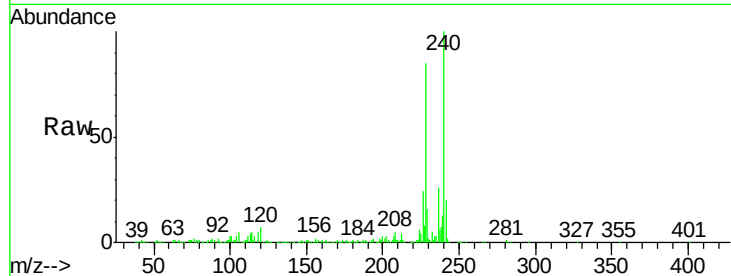
Tot Ion:	240	Resp:	345219
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.8	10.2#
236	25.8	20.9	31.3

Manual Integrations
APPROVED

Sohil

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#76

Benzidine

Concen: 23.496 ng

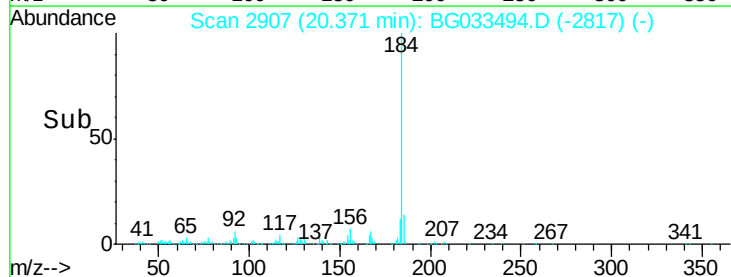
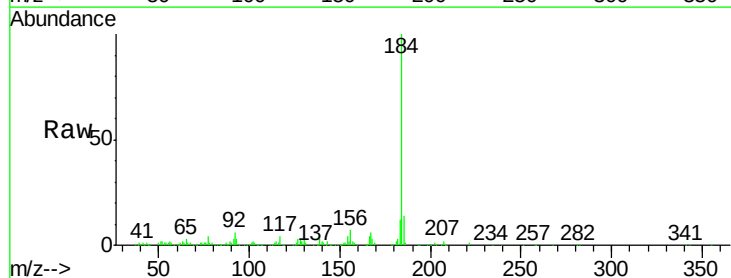
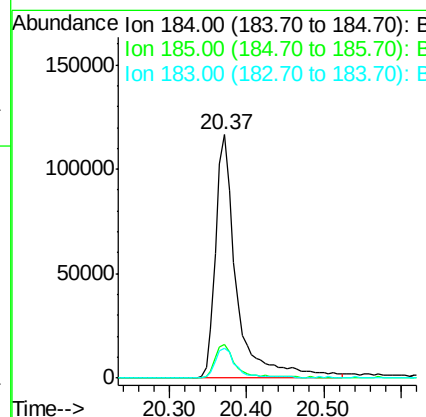
RT: 20.37 min Scan# 2907

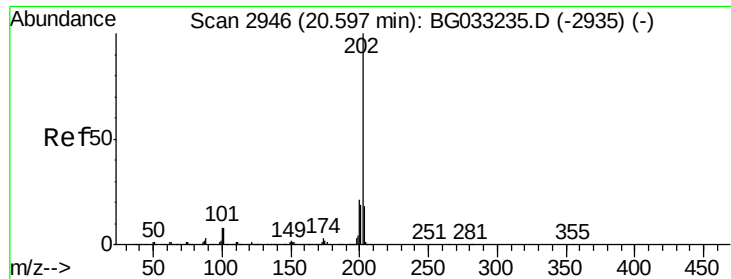
Delta R.T. 0.00 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	184	Resp:	219962
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.1	16.7
183	12.2	10.6	16.0





#77
Pvrene
Concen: 43.113 ng
RT: 20.56 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

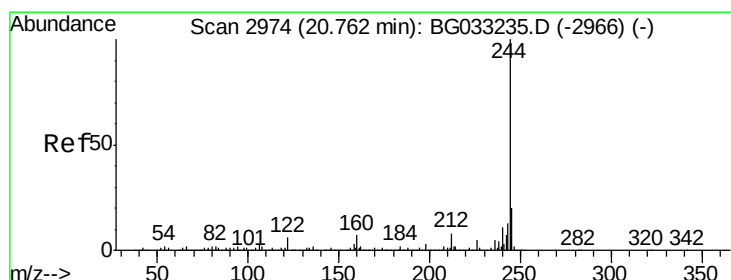
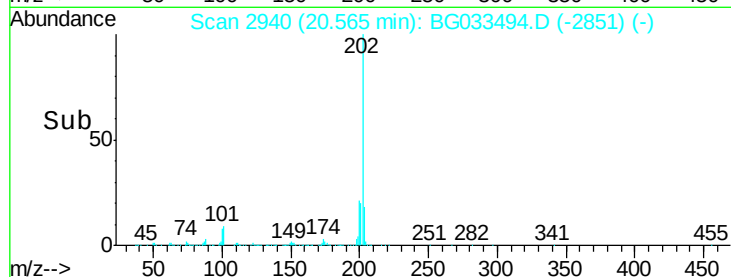
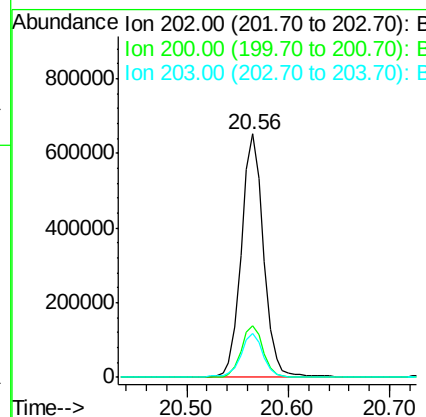
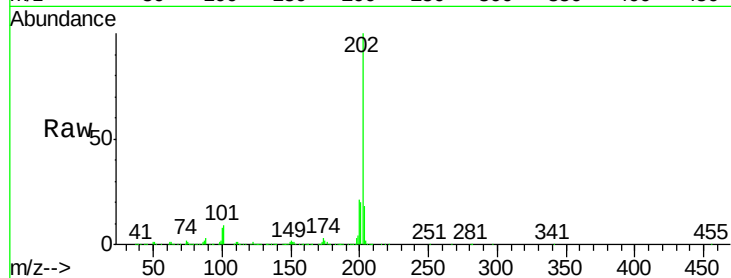
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.1	13.9	20.9

Manual Integrations
APPROVED

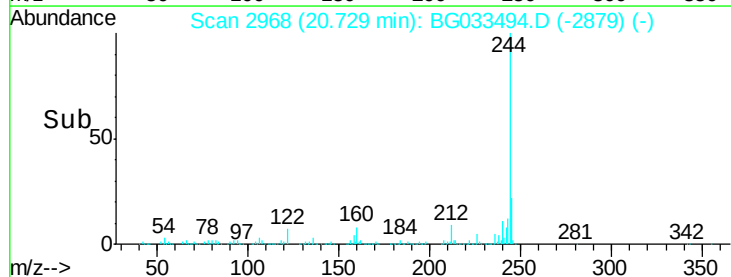
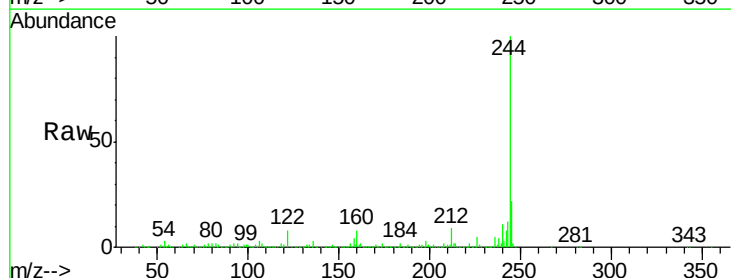
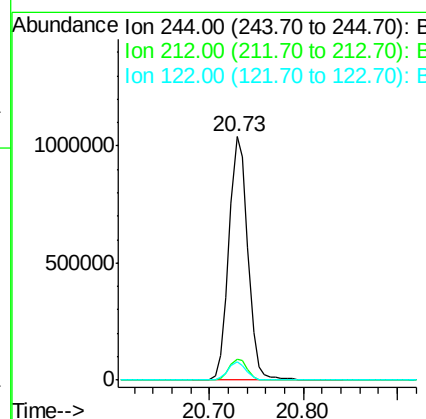
Sohil
4/3/2018 12:08:05 PM

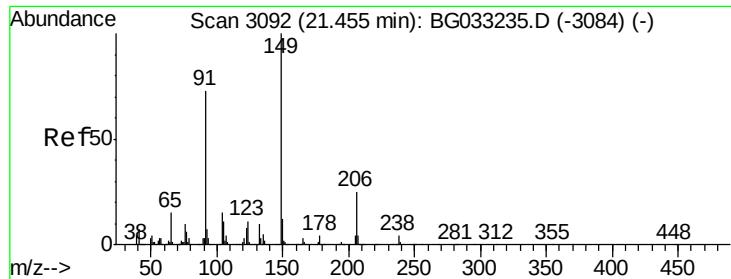
4/3/2018 12:08:05 PM



#78
Terphenyl-d14
Concen: 90.312 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.6	7.0	10.4





#79
Butylbenzylphthalate
Concen: 46.126 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

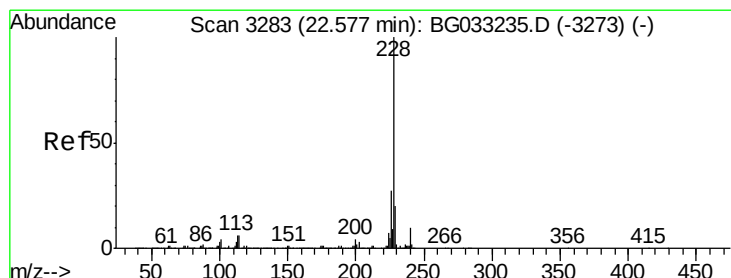
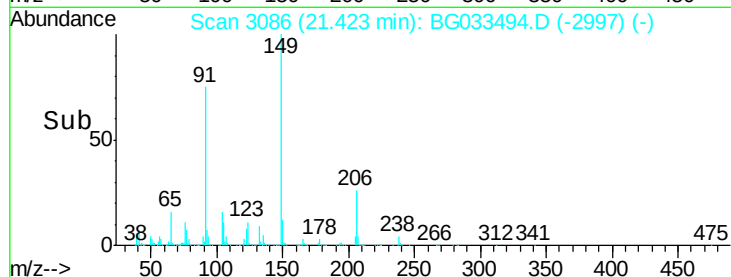
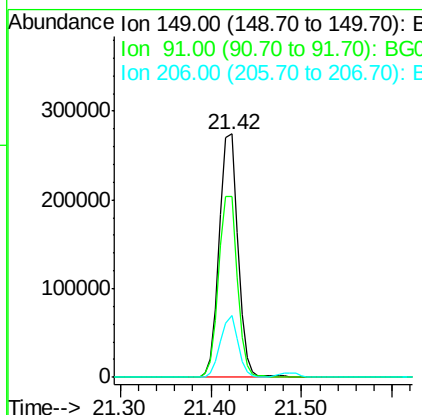
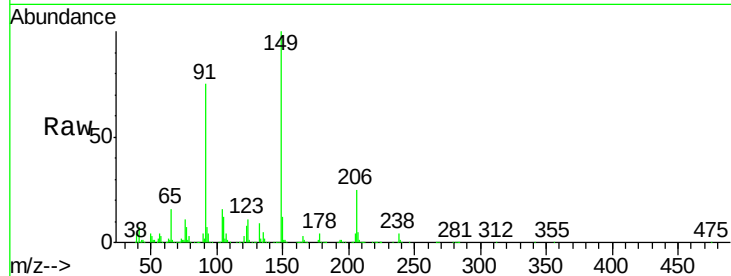
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.5	62.2	93.2
206	25.5	18.6	27.8

Manual Integrations
APPROVED

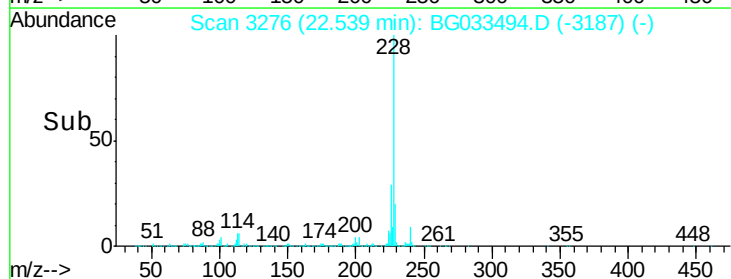
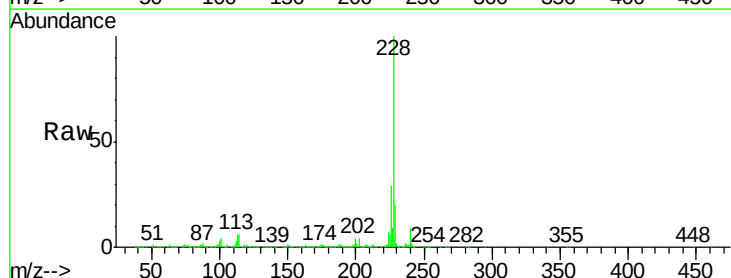
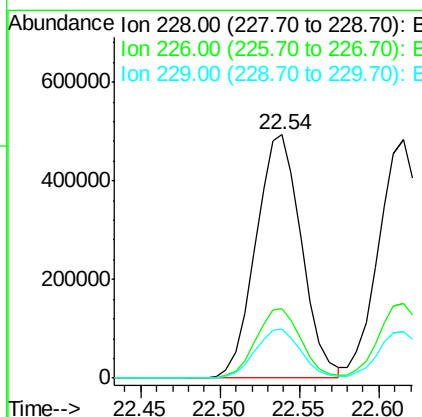
Sohil
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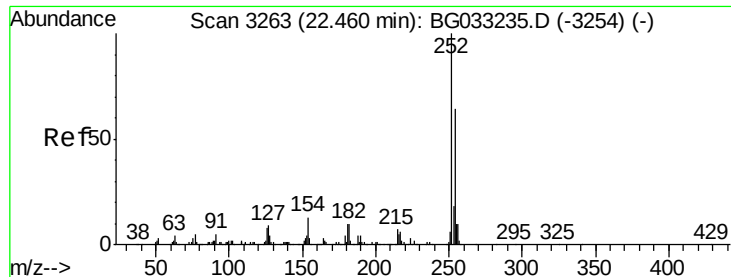
4/3/2018 12:08:05 PM



#80
Benzo(a)anthracene
Concen: 44.818 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.2	16.2	24.2





#81
 3,3'-Dichlorobenzidine
 Concen: 22.997 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

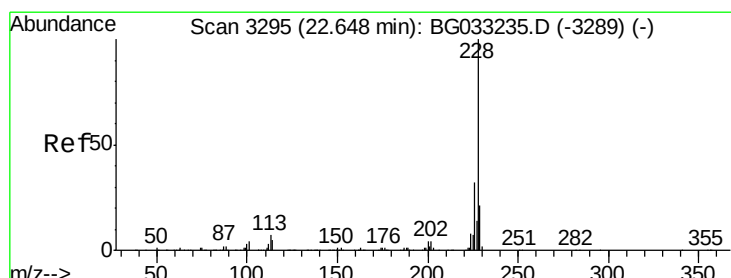
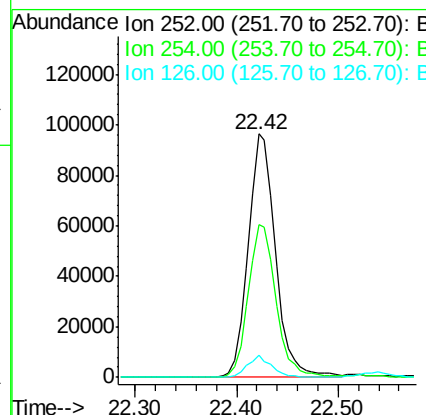
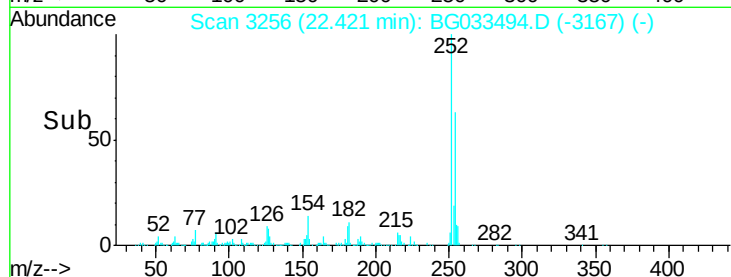
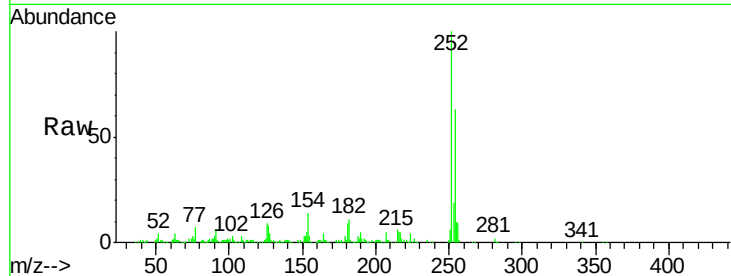
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion:	252	Resp:	179888
Ion Ratio	Lower	Upper	
252	100		
254	62.8	50.8	76.2
126	8.9	7.4	11.2

Manual Integrations
 APPROVED

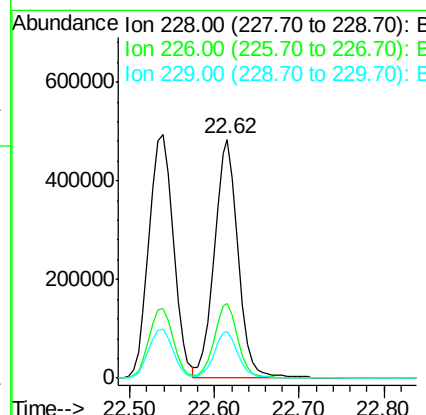
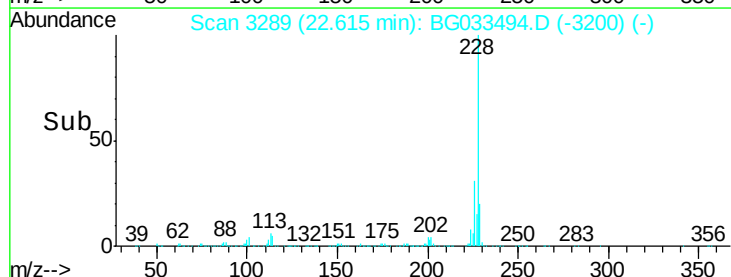
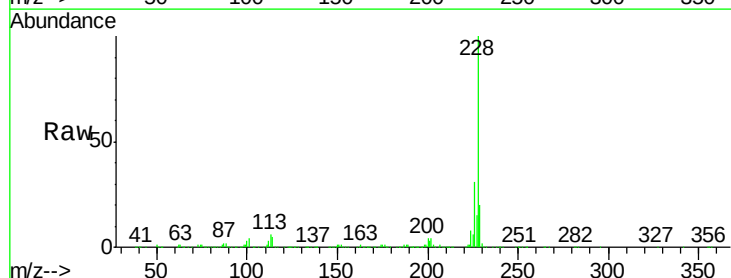
Sohil
 4/3/2018 12:08:05 PM

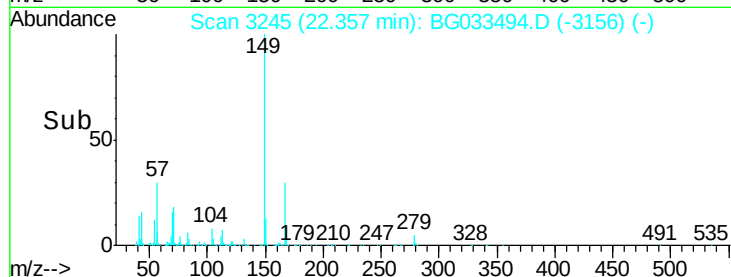
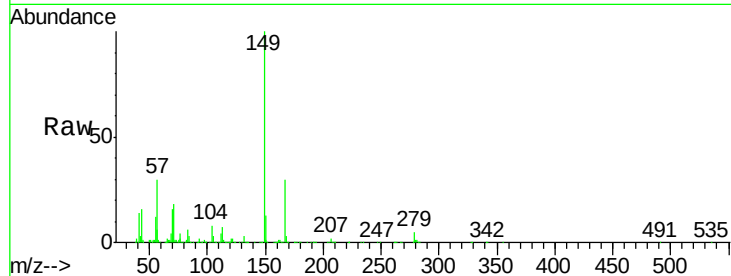
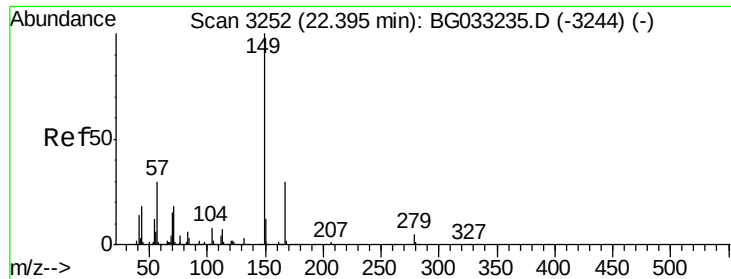
4/3/2018 12:08:05 PM



#82
 Chrysene
 Concen: 44.477 ng
 RT: 22.62 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Tgt Ion:	228	Resp:	946413
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	19.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.584 ng

RT: 22.36 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tot Ion:	149	Resp:	533894
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.3	36.5
279	5.2	4.0	6.0

Instrument :

BNA_G

ClientSampleId :

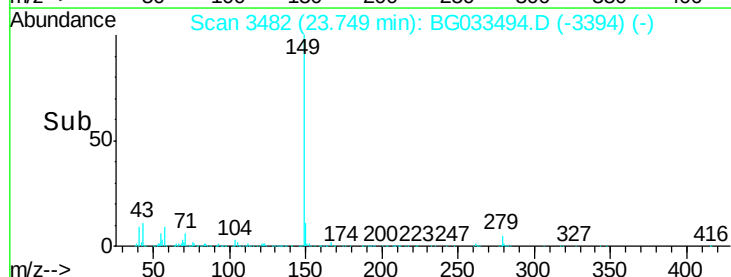
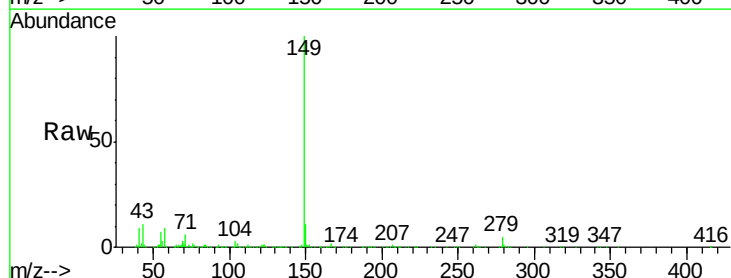
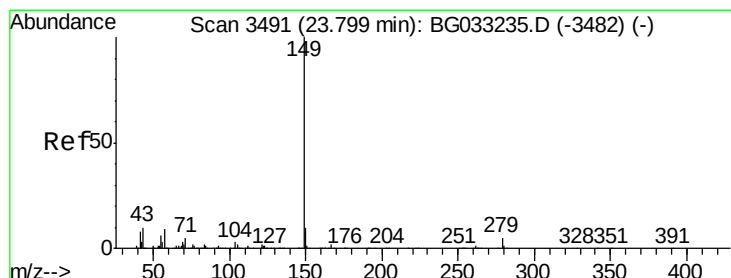
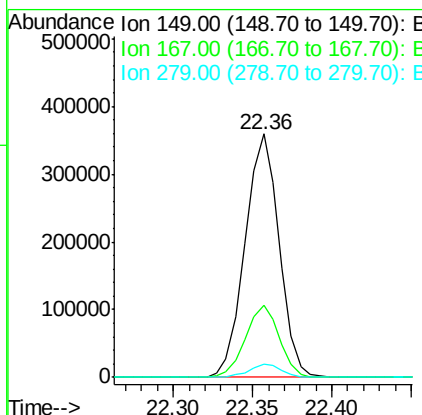
PB107833BS

Manual Integrations
APPROVED

Sohil

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#84

Di-n-octyl phthalate

Concen: 51.910 ng

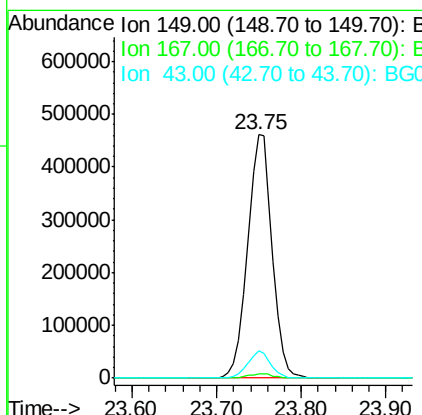
RT: 23.75 min Scan# 3482

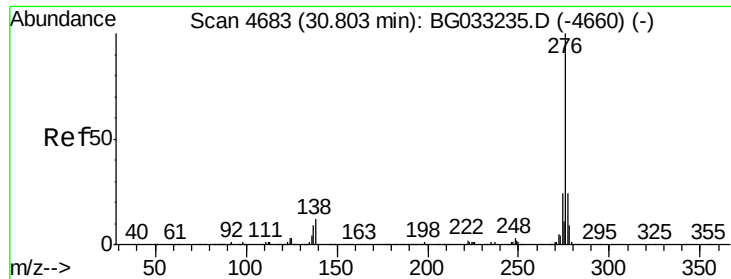
Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:	149	Resp:	930907
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.3	8.9	13.3





#85
Indeno(1,2,3-cd)pyrene
Concen: 48.418 ng
RT: 30.69 min Scan# 4664
Delta R.T. -0.02 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

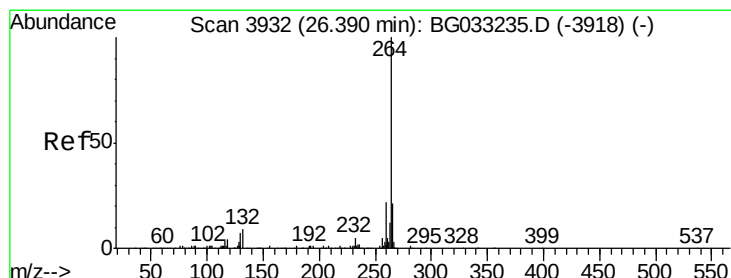
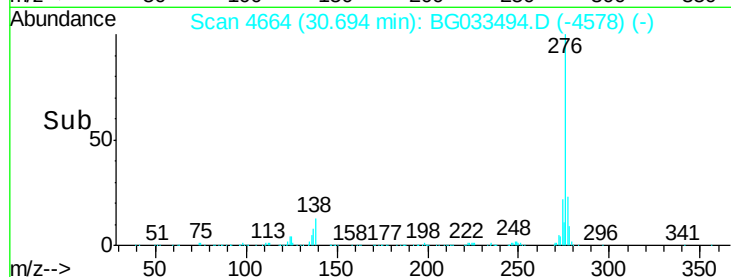
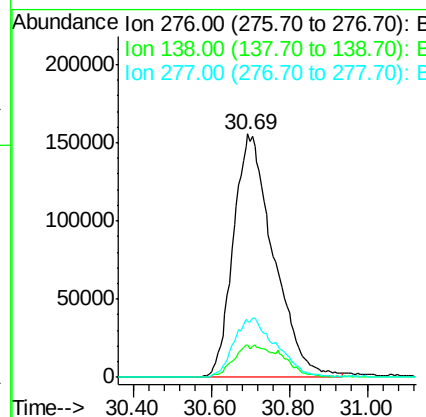
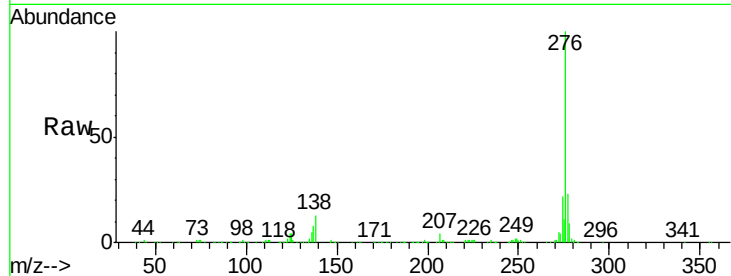
Instrument :
BNA_G
ClientSampleId :
PB107833BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.7	16.0	24.0#
277	25.8	20.0	30.0

Manual Integrations
APPROVED

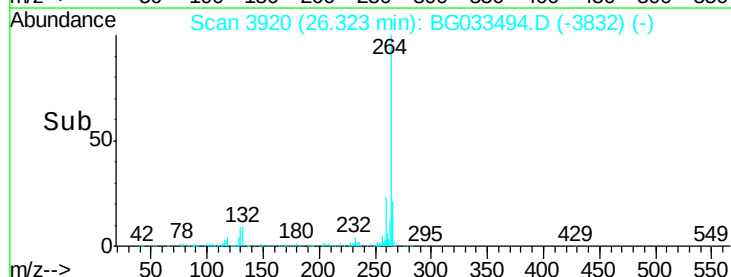
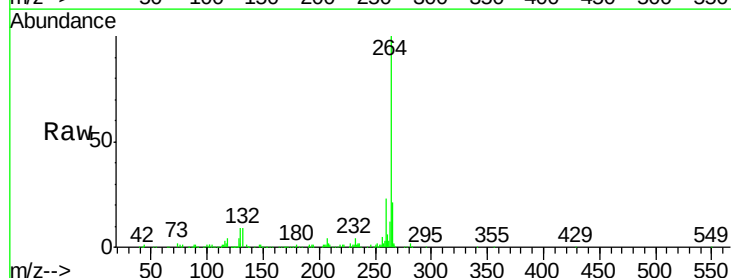
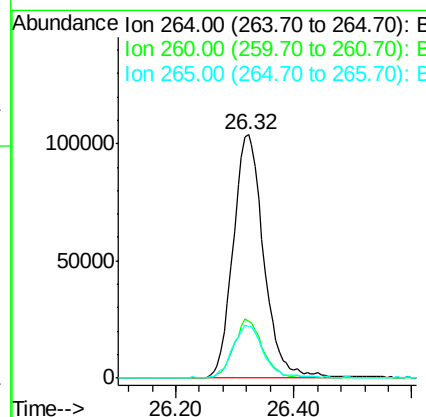
Sohil
4/3/2018 12:08:05 PM

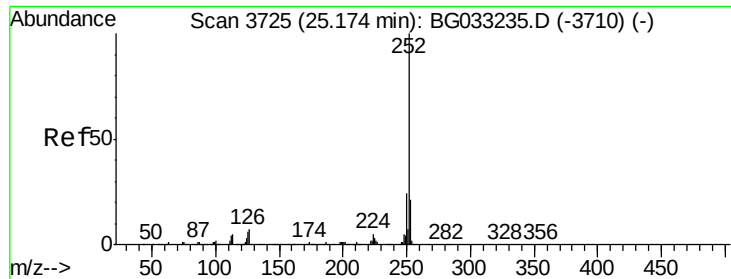
4/3/2018 12:08:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033494.D
Acq: 2 Apr 2018 19:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 44.926 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

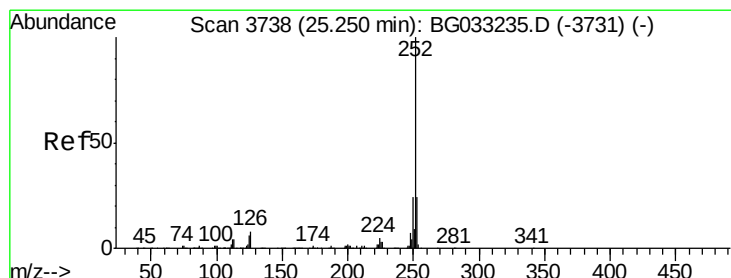
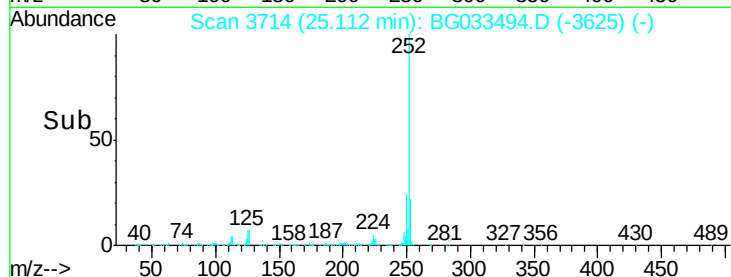
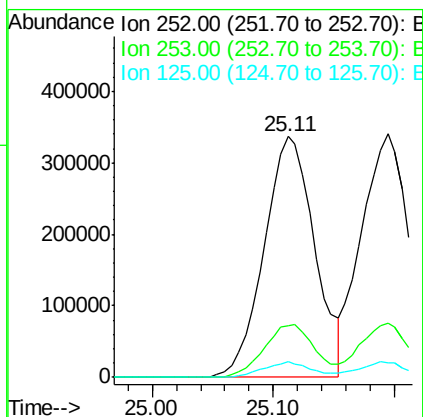
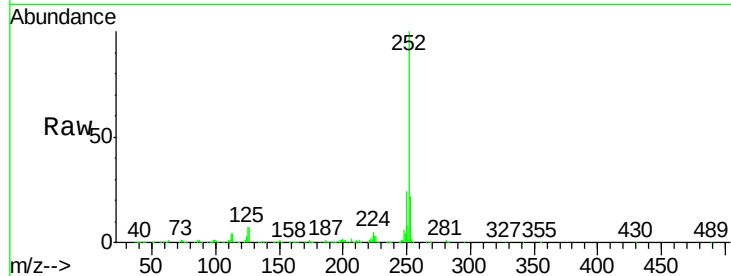
PB107833BS

Tot Ion:252	Resp:	975778
Ion Ratio	Lower	Upper
252	100	
253	21.7	18.2 27.4
125	6.5	7.2 10.8#

Manual Integrations
APPROVED

Sohil
4/3/2018 12:08:05 PM

4/3/2018 12:08:05 PM



#88

Benzo(k)fluoranthene

Concen: 44.150 ng

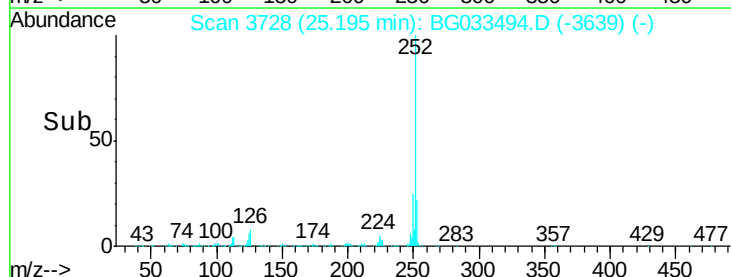
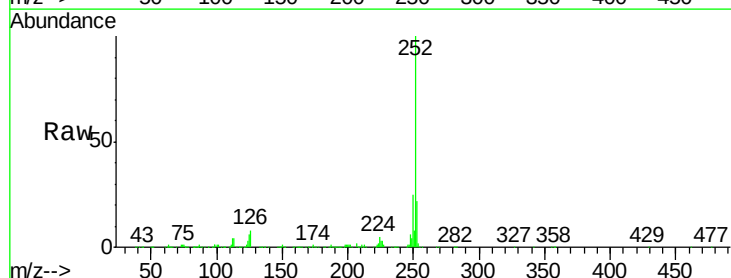
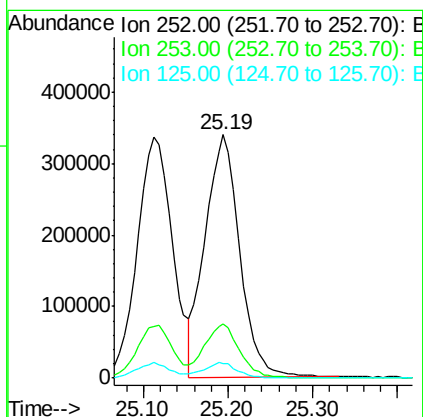
RT: 25.19 min Scan# 3728

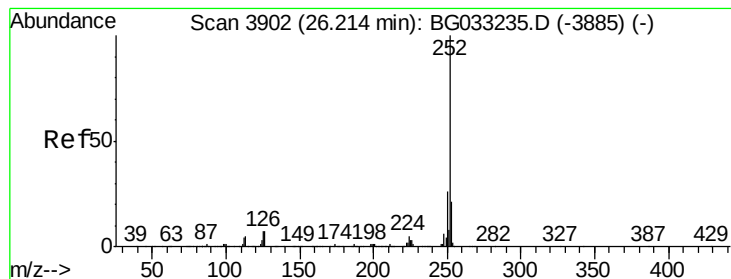
Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Tgt Ion:252	Resp:	969851
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.4 26.2
125	5.9	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.570 ng

RT: 26.15 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG033494.D

Acq: 2 Apr 2018 19:24

Instrument :

BNA_G

ClientSampleId :

PB107833BS

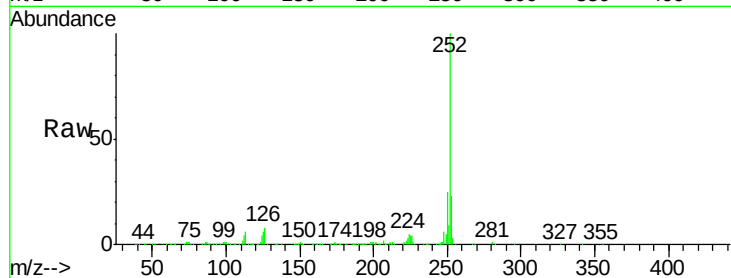
Tot Ion:	252	Resp:	971356
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.3	27.5
125	6.5	7.3	10.9#

Manual Integrations
APPROVED

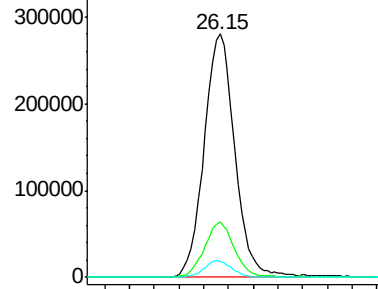
Sohil

4/3/2018 12:08:05 PM

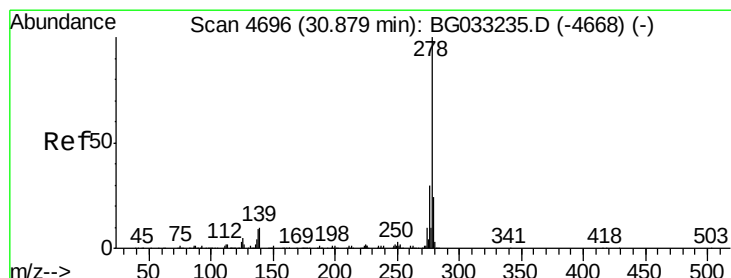
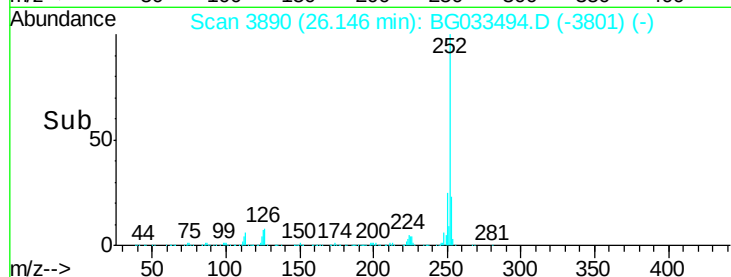
4/3/2018 12:08:05 PM



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 46.979 ng

RT: 30.78 min Scan# 4678

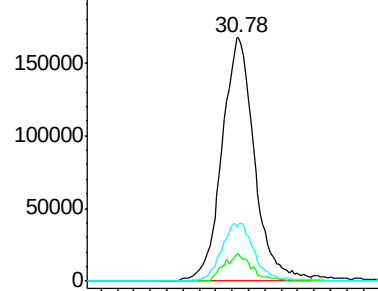
Delta R.T. -0.01 min

Lab File: BG033494.D

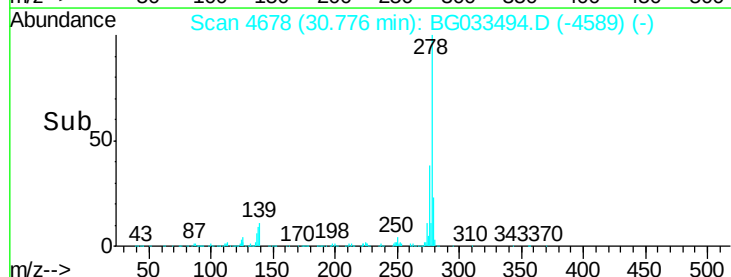
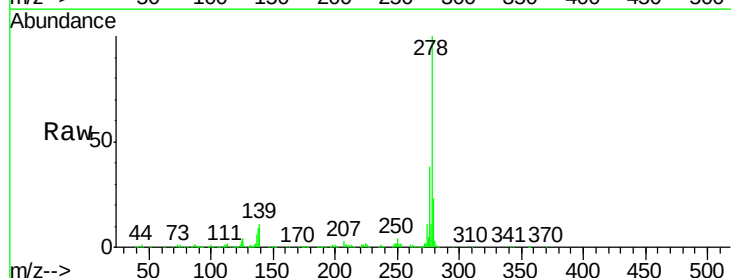
Acq: 2 Apr 2018 19:24

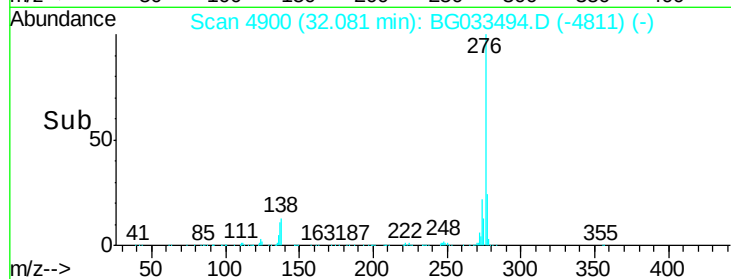
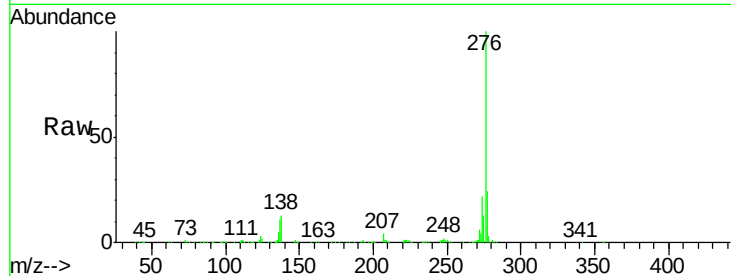
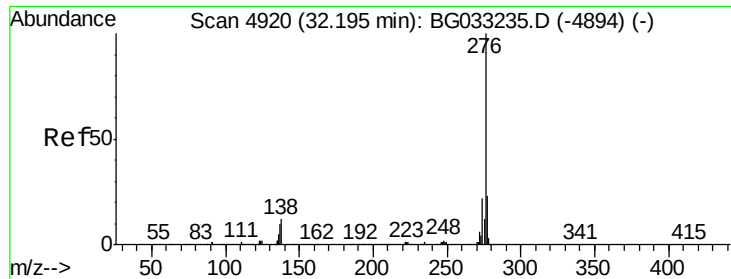
Tgt Ion:	278	Resp:	923014
Ion Ratio	Lower	Upper	
278	100		
139	11.3	9.8	14.6
279	23.1	18.4	27.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 46.963 ng
 RT: 32.08 min Scan# 4900
 Delta R.T. -0.01 min
 Lab File: BG033494.D
 Acq: 2 Apr 2018 19:24

Instrument :
 BNA_G
 ClientSampleId :
 PB107833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.9	18.3	27.5
138	13.0	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 4/3/2018 12:08:05 PM

4/3/2018 12:08:05 PM

