

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033749.D
 Acq On : 11 Apr 2018 17:31
 Operator : SJ/JU
 Sample : PB108149BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:35:34 PM

Quant Time: Apr 12 01:45:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32084	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	142951	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	104856	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	273850	20.00	ng	0.00
75) Chrysene-d12	22.55	240	303820	20.00	ng	0.00
86) Perylene-d12	26.31	264	298359	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	178288	104.20	ng	0.00
7) Phenol-d6	7.97	99	281236	95.66	ng	0.00
23) Nitrobenzene-d5	10.06	82	267080	85.84	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	127939	81.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	619505	85.29	ng	0.00
78) Terphenyl-d14	20.73	244	1155059	81.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.91	88	37739	43.432	ng	94
3) Pyridine	4.38	79	99682	41.499	ng	98
4) n-Nitrosodimethylamine	4.29	42	57595	58.428	ng	# 81
6) Aniline	8.15	93	82796	23.948	ng	97
8) 2-Chlorophenol	8.40	128	117403	60.019	ng	93
10) Phenol	7.99	94	176209	60.707	ng	87
11) bis(2-Chloroethyl)ether	8.24	93	116830	49.312	ng	99
12) 1,3-Dichlorobenzene	8.74	146	119117	46.578	ng	93
13) 1,4-Dichlorobenzene	8.89	146	122617	47.875	ng	96
14) 1,2-Dichlorobenzene	9.22	146	120833	48.339	ng	98
15) Benzyl Alcohol	9.09	79	128853	55.667	ng	87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	206656	53.506	ng	88
17) 2-Methylphenol	9.29	107	105651	53.431	ng	# 92
18) Hexachloroethane	9.97	117	47383	47.934	ng	92
19) n-Nitroso-di-n-propylamine	9.66	70	106935	49.639	ng	98
20) 3+4-Methylphenols	9.63	107	151040	53.649	ng	94
22) Acetophenone	9.70	105	186600	47.646	ng	# 97
24) Nitrobenzene	10.10	77	163819	49.190	ng	92
25) Isophorone	10.61	82	308703	51.120	ng	99
26) 2-Nitrophenol	10.83	139	69176	54.864	ng	# 76
27) 2,4-Dimethylphenol	10.86	122	118616	64.759	ng	89
28) bis(2-Chloroethoxy)methane	11.10	93	160485	53.264	ng	97
29) 2,4-Dichlorophenol	11.37	162	131188	58.239	ng	92
30) 1,2,4-Trichlorobenzene	11.59	180	131426	44.907	ng	92
31) Naphthalene	11.79	128	367381	49.594	ng	97
32) Benzoic acid	11.00	122	45887	26.949	ng	95
33) 4-Chloroaniline	11.90	127	37829	11.398	ng	95
34) Hexachlorobutadiene	12.04	225	97904	44.237	ng	97
35) Caprolactam	12.63	113	46966	53.221	ng	# 82
36) 4-Chloro-3-methylphenol	12.95	107	161911	55.111	ng	96
37) 2-Methylnaphthalene	13.34	142	278985	48.522	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	178823	47.081	ng	99
40) Hexachlorocyclopentadiene	13.66	237	187013	83.991	ng	94
42) 2,4,6-Trichlorophenol	13.92	196	119820	54.297	ng	98

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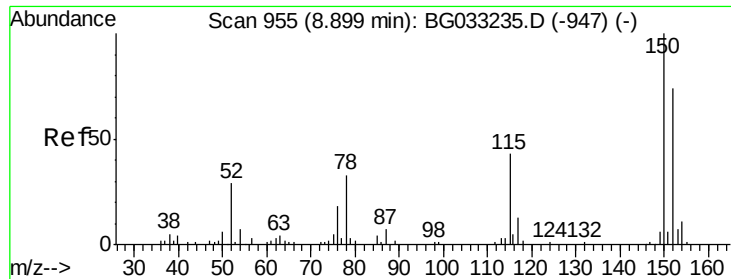
Manual Integrations
 APPROVED

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 4/12/2018 2:35:34 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	14.01	196	138080	52.937	ng	94
45) 1,1'-Biphenyl	14.32	154	392179	48.683	ng	99
46) 2-Chloronaphthalene	14.38	162	302344	48.675	ng	98
47) 2-Nitroaniline	14.56	65	128259	55.129	ng	93
48) Acenaphthylene	15.20	152	503741	48.586	ng	99
49) Dimethylphthalate	14.90	163	441666	48.400	ng	99
50) 2,6-Dinitrotoluene	15.03	165	94529	50.662	ng	93
51) Acenaphthene	15.54	154	390200	58.381	ng	98
52) 3-Nitroaniline	15.37	138	58859	30.089	ng #	92
53) 2,4-Dinitrophenol	15.57	184	117586	117.709	ng #	77
54) Dibenzofuran	15.87	168	505080	51.159	ng	94
55) 4-Nitrophenol	15.66	139	164724	119.753	ng #	87
56) 2,4-Dinitrotoluene	15.81	165	144886	52.738	ng	95
57) Fluorene	16.51	166	424737	50.499	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	136381	55.540	ng	91
59) Diethylphthalate	16.24	149	451838	50.992	ng	97
60) 4-Chlorophenyl-phenylether	16.48	204	232846	48.159	ng	97
61) 4-Nitroaniline	16.53	138	100410	50.688	ng #	84
62) Azobenzene	16.78	77	452570	52.726	ng	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	88028	53.733	ng	96
65) n-Nitrosodiphenylamine	16.70	169	398770	51.006	ng	94
66) 4-Bromophenyl-phenylether	17.38	248	161237	50.134	ng	93
67) Hexachlorobenzene	17.51	284	163751	48.245	ng	97
68) Atrazine	17.61	200	134495	42.454	ng	97
69) Pentachlorophenol	17.85	266	203645	87.416	ng	99
70) Phenanthrene	18.25	178	731551	51.293	ng	99
71) Anthracene	18.34	178	766668	53.091	ng	99
72) Carbazole	18.60	167	687478	53.724	ng	96
73) Di-n-butylphthalate	19.09	149	832111	55.867	ng	98
74) Fluoranthene	20.20	202	975597	55.277	ng	98
76) Benzidine	20.36	184	118198	14.346	ng	95
77) Pyrene	20.56	202	1007846	49.738	ng	99
79) Butylbenzylphthalate	21.41	149	390486	52.221	ng	95
80) Benzo(a)anthracene	22.53	228	965686	49.917	ng	98
81) 3,3'-Dichlorobenzidine	22.41	252	243502	35.371	ng	95
82) Chrysene	22.61	228	936399	50.003	ng	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	539480	52.337	ng	98
84) Di-n-octyl phthalate	23.74	149	939209	59.510	ng	100
85) Indeno(1,2,3-cd)pyrene	30.68	276	1097784	54.219	ng #	89
87) Benzo(b)fluoranthene	25.10	252	945273	54.838	ng #	96
88) Benzo(k)fluoranthene	25.18	252	983355m	56.405	ng	
89) Benzo(a)pyrene	26.14	252	933689	56.403	ng #	97
90) Dibenzo(a,h)anthracene	30.76	278	932416	59.797	ng	98
91) Benzo(g,h,i)perylene	32.07	276	912430	59.092	ng #	95

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



#1

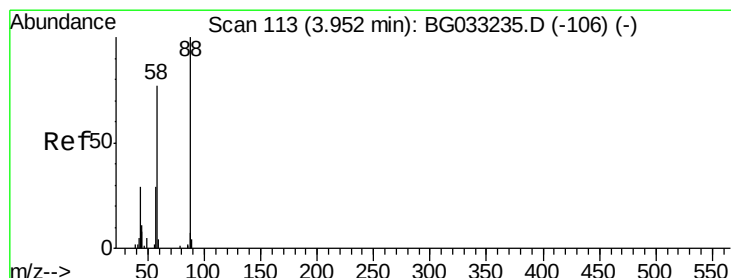
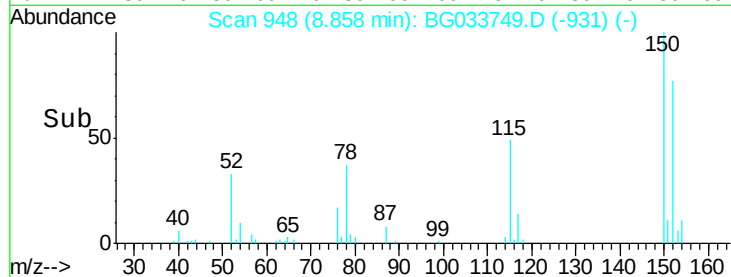
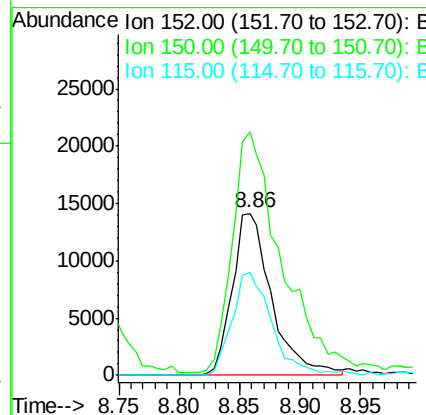
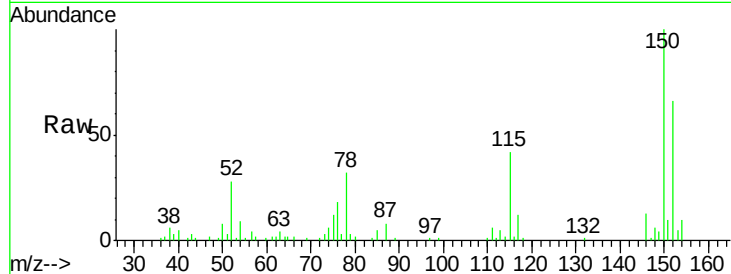
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.6	189.8
115	63.6	53.0	79.4

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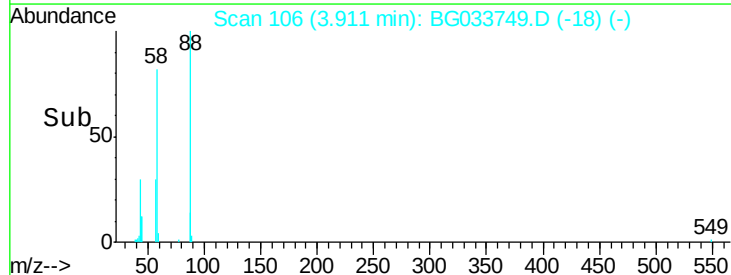
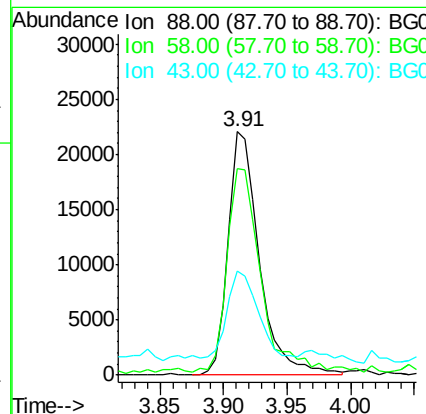
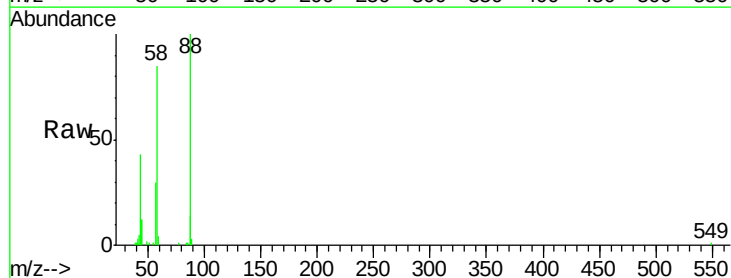
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4/12/2018 2:35:34 PM

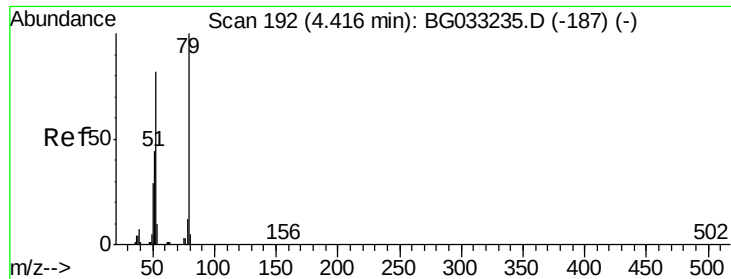


#2

1,4-Dioxane
Concen: 43.432 ng
RT: 3.91 min Scan# 106
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	79.6	119.4
43	34.6	27.4	41.0





#3

Pvridine

Concen: 41.499 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

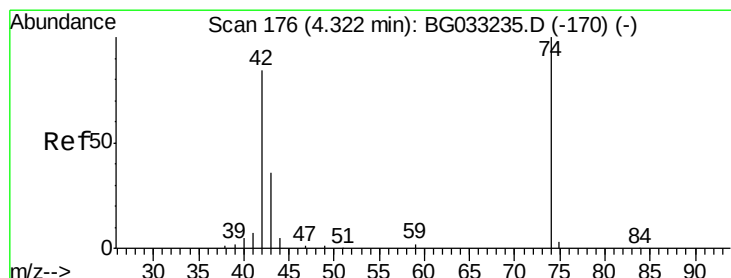
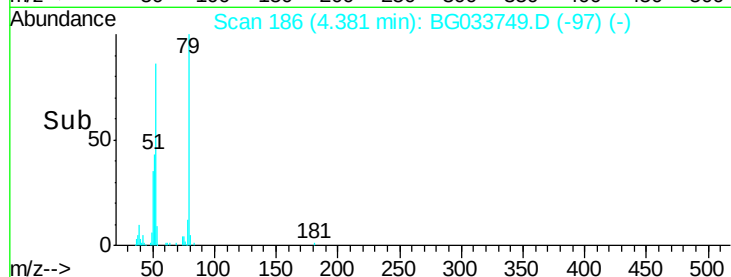
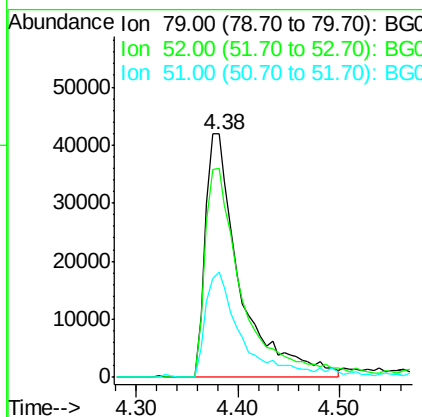
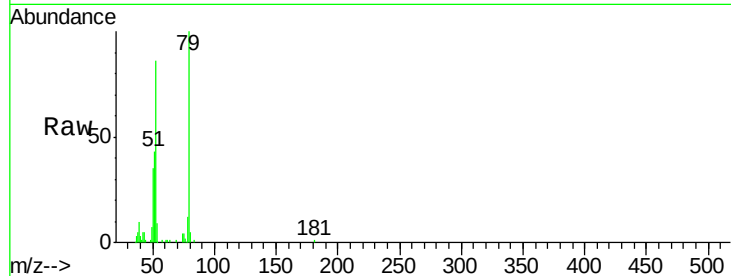
ClientSampleId :

PB108149BSD

Tot Ion:	79	Resp:	99682
Ion	Ratio	Lower	Upper
79	100		
52	86.0	69.9	104.9
51	43.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 58.428 ng

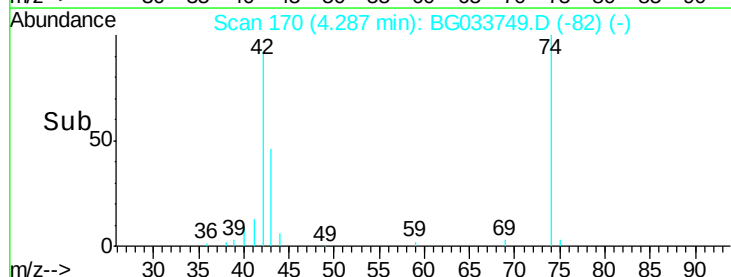
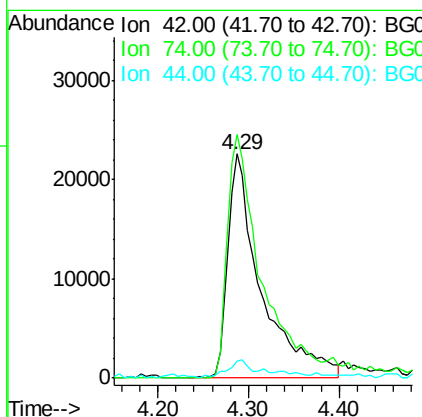
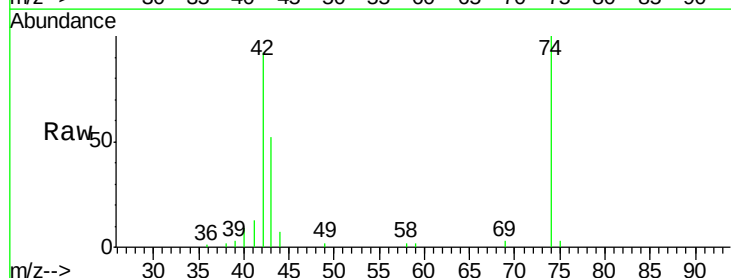
RT: 4.29 min Scan# 170

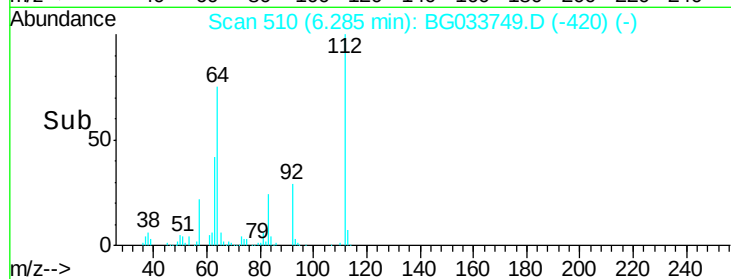
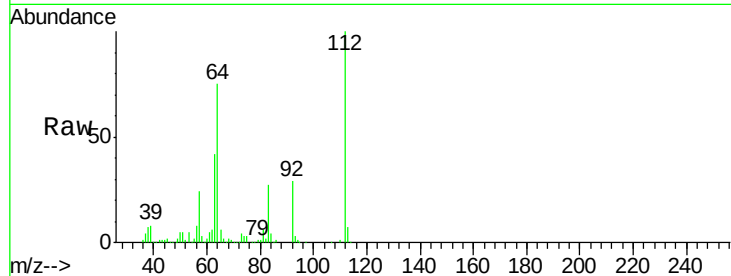
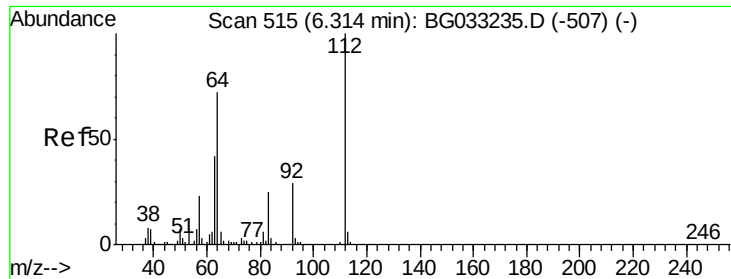
Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:	42	Resp:	57595
Ion	Ratio	Lower	Upper
42	100		
74	108.6	102.5	153.7
44	7.7	18.9	28.3#





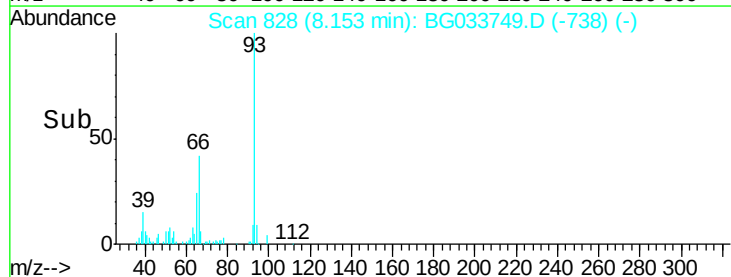
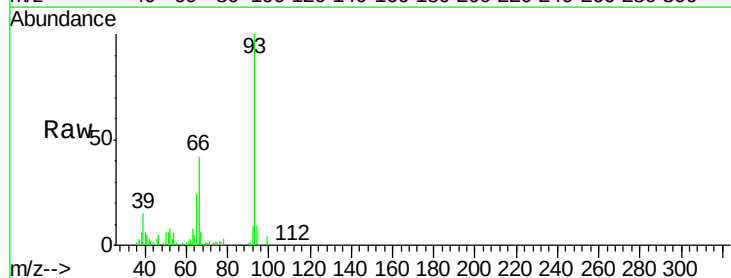
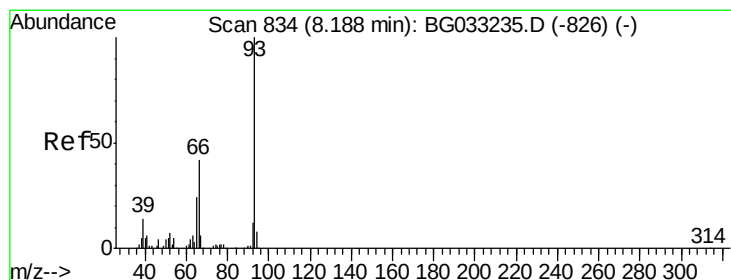
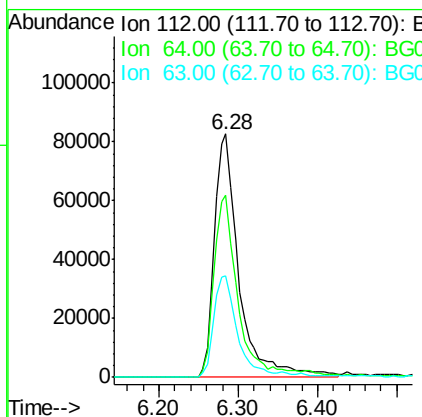
#5
2-Fluorophenol
Concen: 104.199 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tot Ion	Ratio	Resp	Lower	Upper
112	100	178288		
64	74.9	56.3	84.5	
63	41.6	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

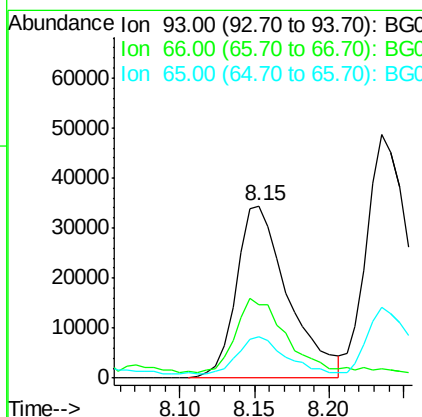
Manual Integrations
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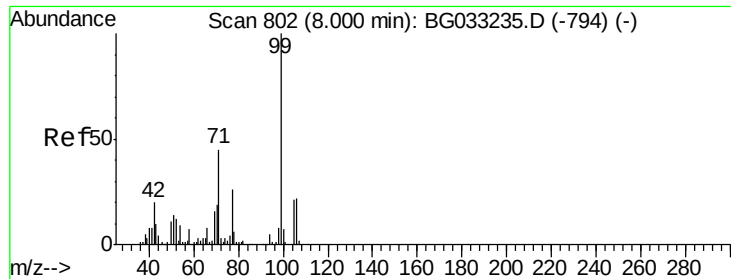
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#6
Aniline
Concen: 23.948 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	82796		
66	42.4	33.7	50.5	
65	23.7	16.1	24.1	





#7

Phenol-d6

Concen: 95.661 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

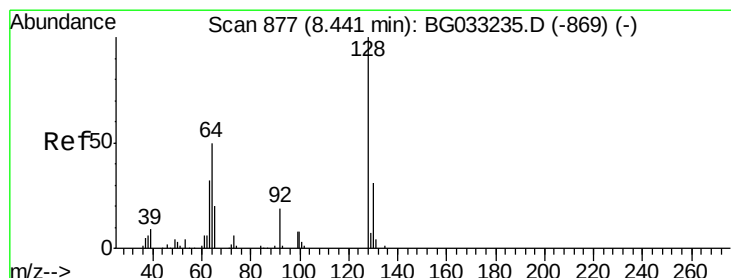
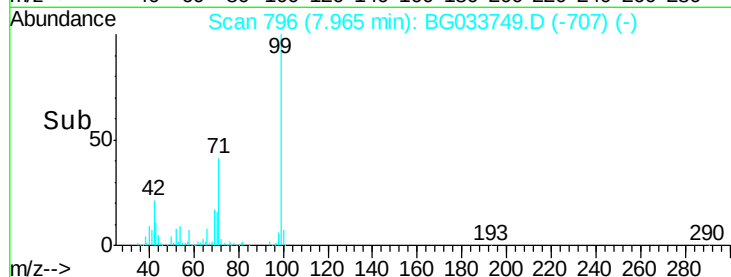
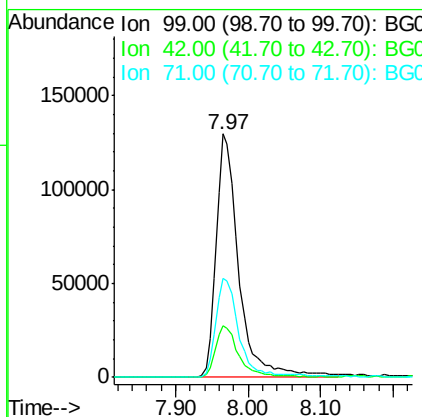
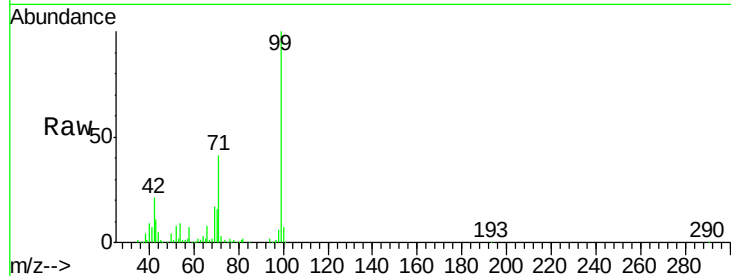
ClientSampleId :

PB108149BSD

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.1	21.1#
71	40.6	26.1	39.1#

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#8

2-Chlorophenol

Concen: 60.019 ng

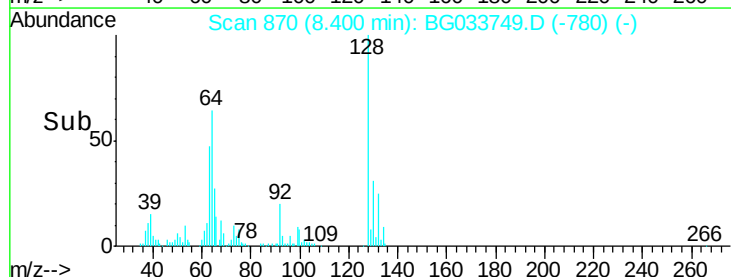
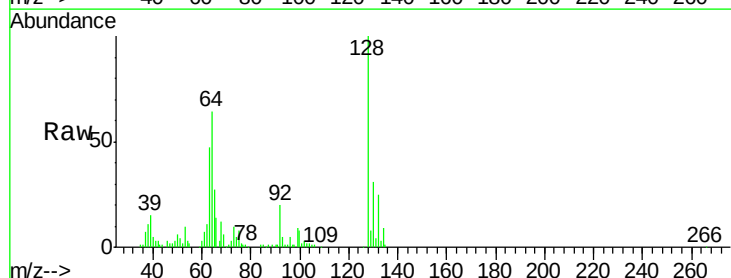
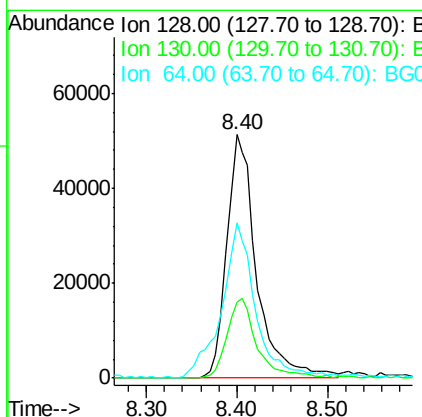
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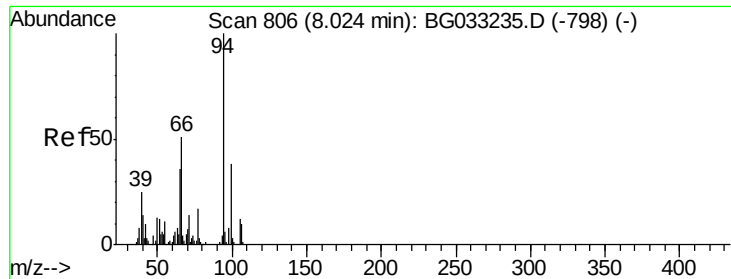
Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.2	14.0	54.0
64	63.7	37.7	77.7





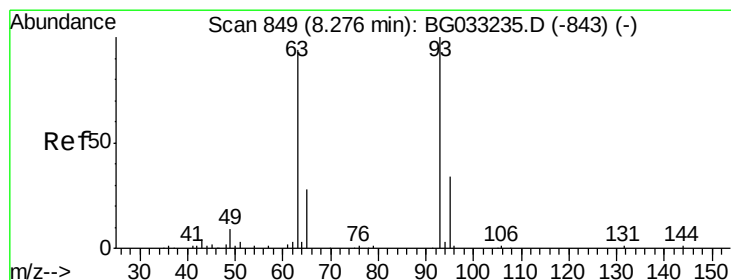
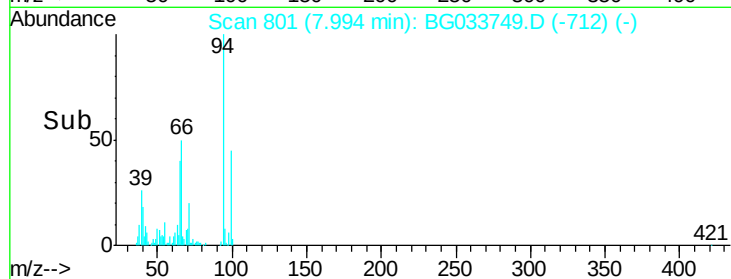
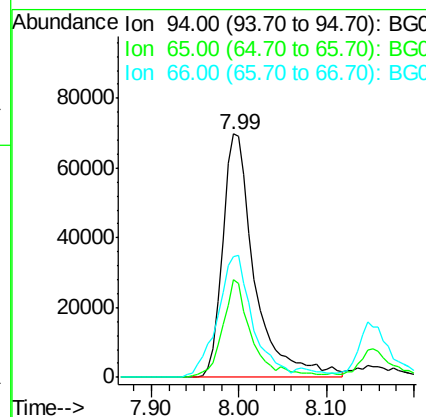
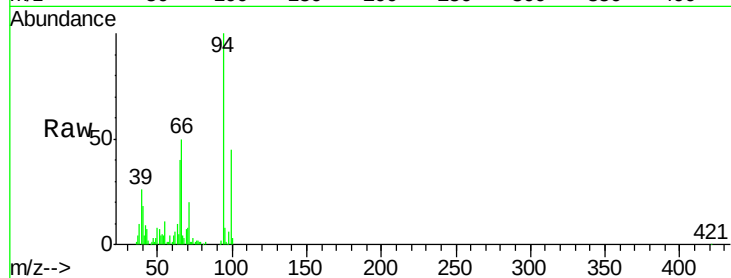
#10
Phenol
Concen: 60.707 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	40.1	11.9	51.9
66	49.8	22.2	62.2

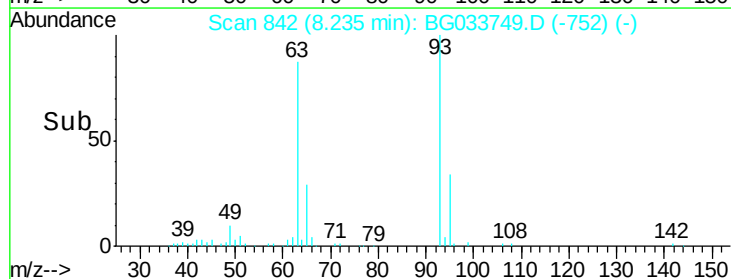
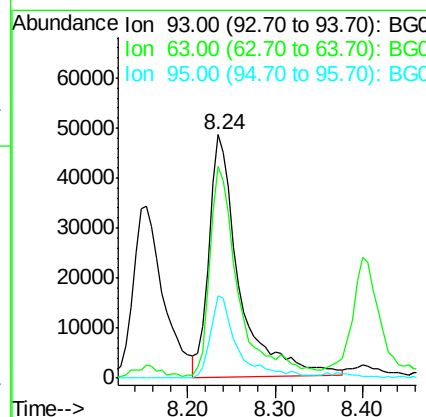
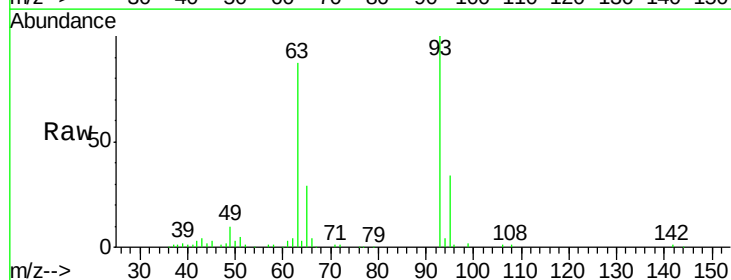
Manual Integrations
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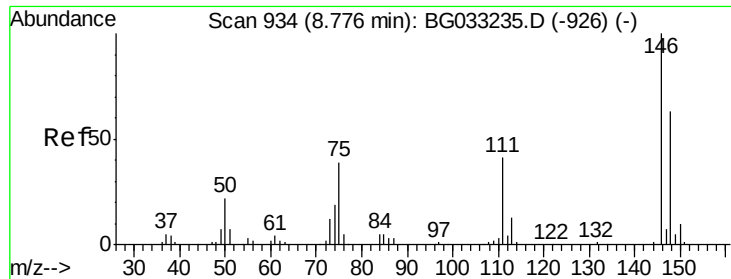
Sohil
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#11
bis(2-Chloroethyl)ether
Concen: 49.312 ng
RT: 8.24 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.0	67.1	107.1
95	33.9	11.5	51.5





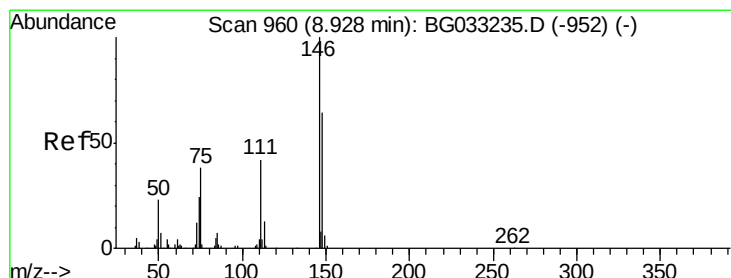
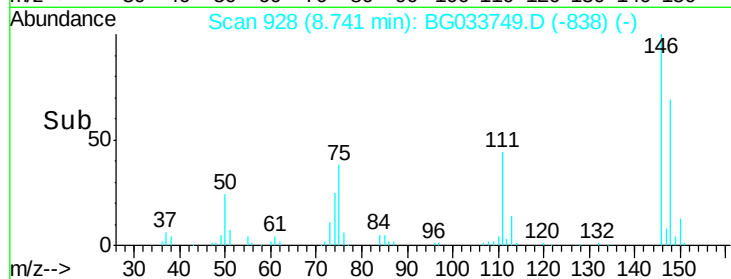
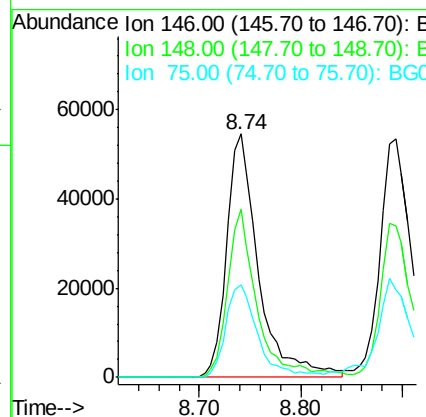
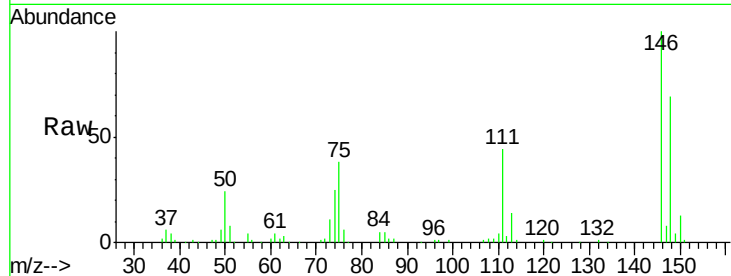
#12
 1,3-Dichlorobenzene
 Concen: 46.578 ng
 RT: 8.74 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119117		
148	68.8	51.4	77.2	
75	37.9	26.6	39.8	

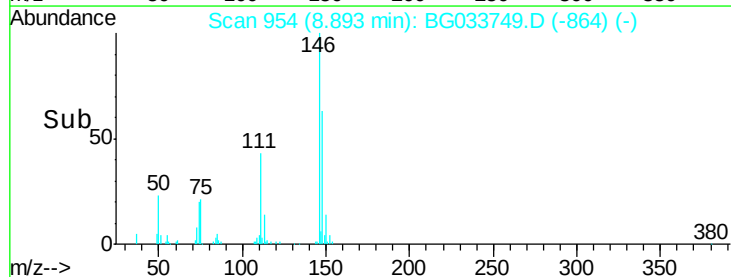
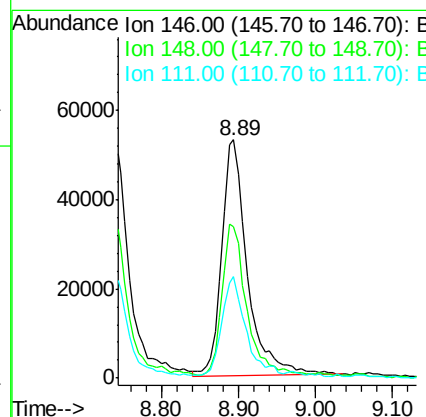
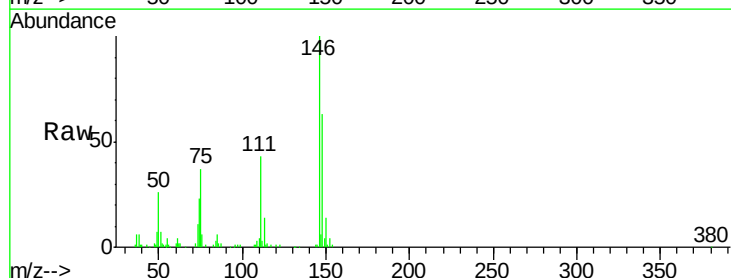
Manual Integrations
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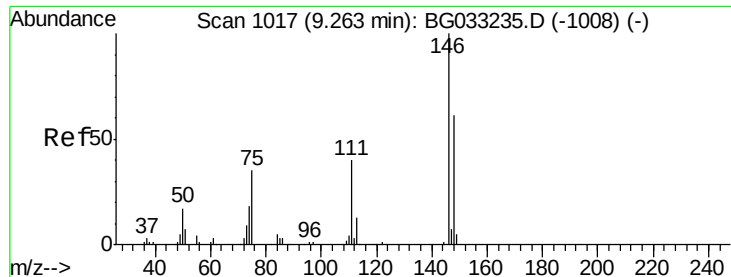
Sohil
 4/12/2018 2:35:34 PM



#13
 1,4-Dichlorobenzene
 Concen: 47.875 ng
 RT: 8.89 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122617		
148	63.3	53.7	80.5	
111	42.8	35.2	52.8	





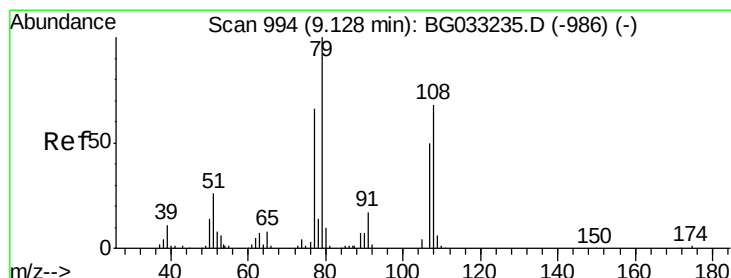
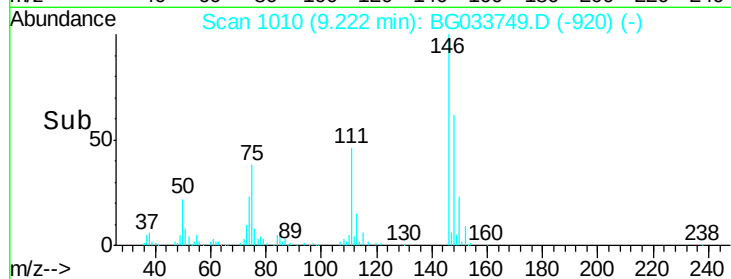
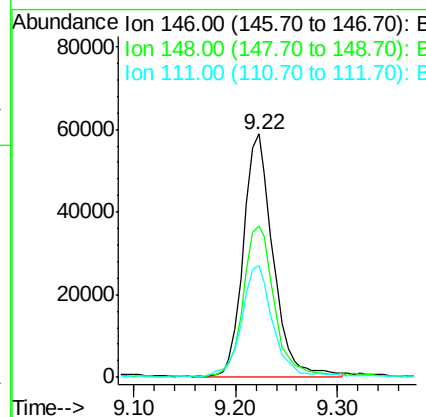
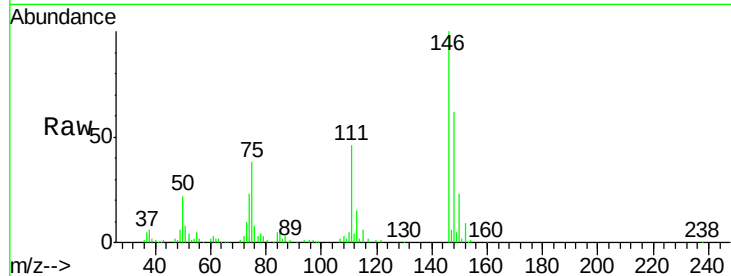
#14
 1,2-Dichlorobenzene
 Concen: 48.339 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.3	73.9
111	45.9	34.3	51.5

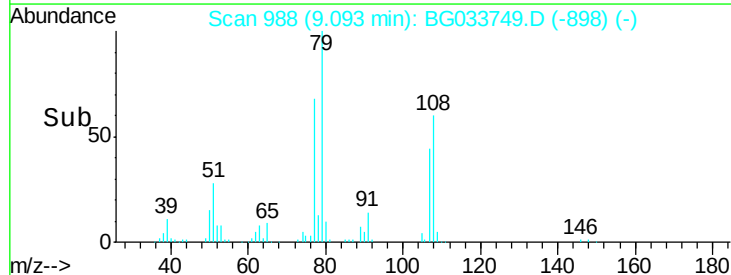
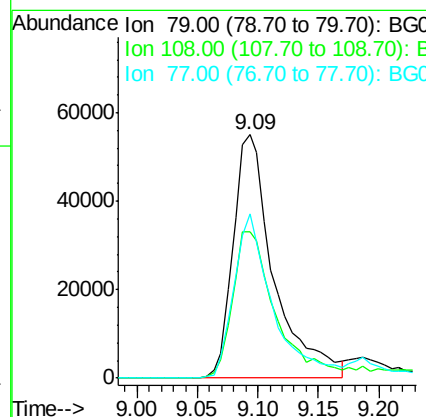
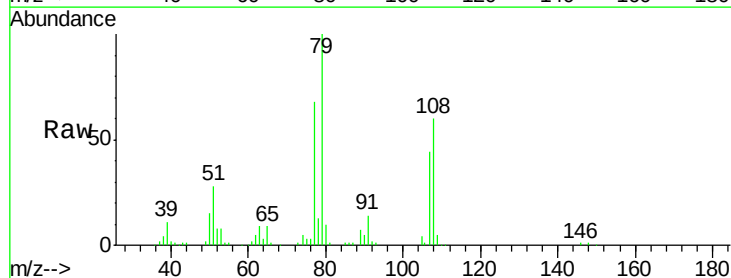
Manual Integrations
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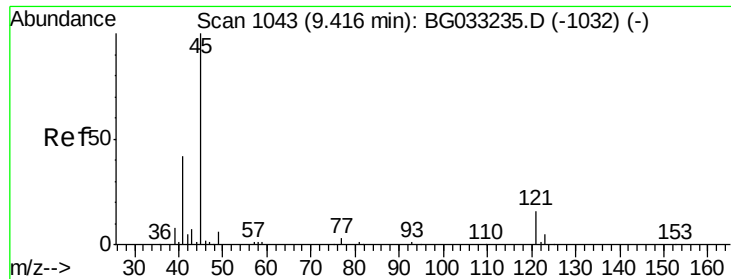
Sohil
 4/12/2018 2:35:34 PM



#15
 Benzyl Alcohol
 Concen: 55.667 ng
 RT: 9.09 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
79	100		
108	60.4	57.2	85.8
77	67.6	46.1	69.1





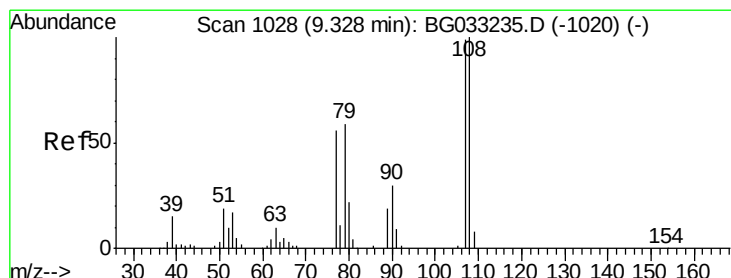
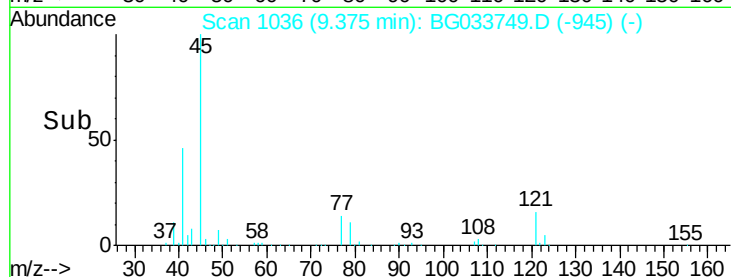
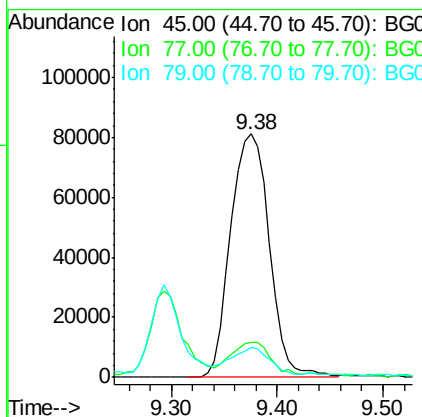
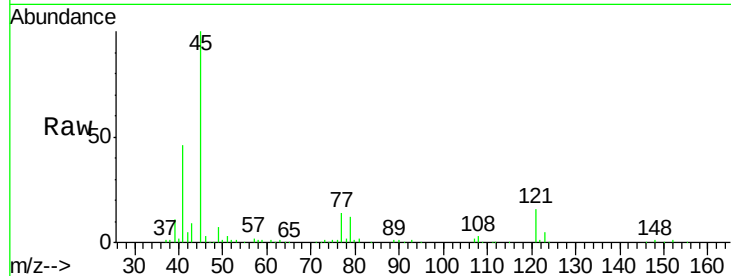
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 53.506 ng
RT: 9.38 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	30.2
79	12.1	0.0	27.9

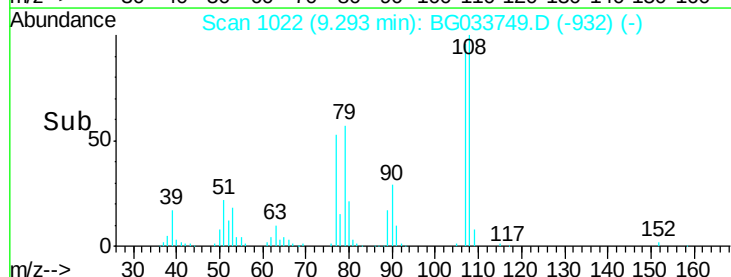
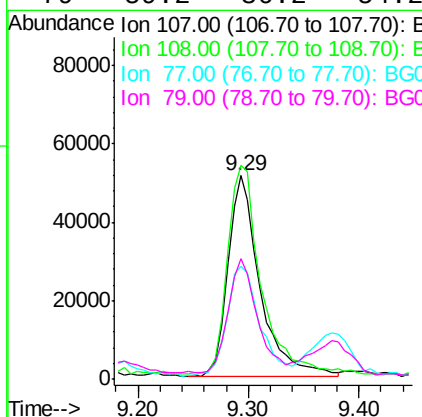
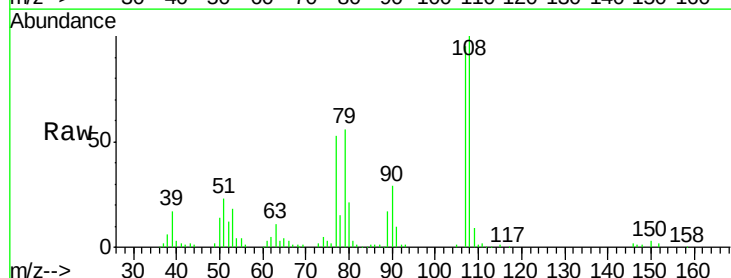
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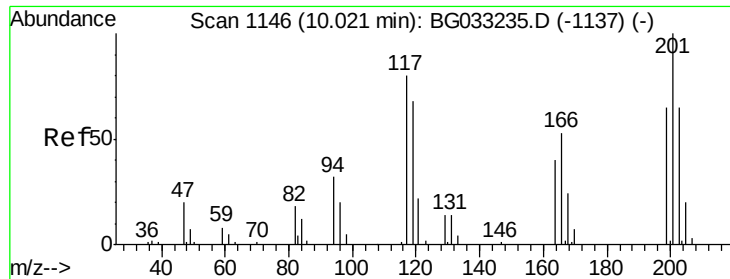
Sohil
4/12/2018 2:35:34 PM



#17
2-Methylphenol
Concen: 53.431 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.1	83.9	125.9
77	55.7	37.2	55.8
79	59.2	36.2	54.2#





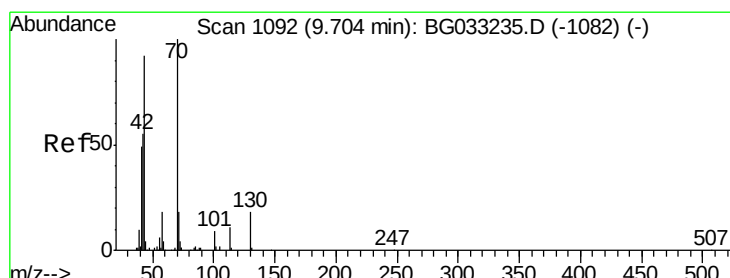
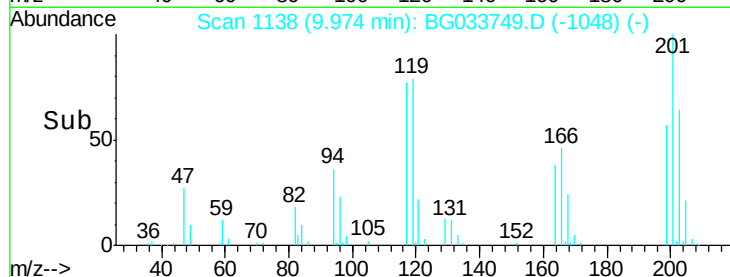
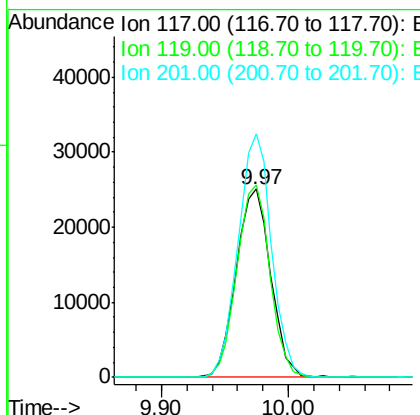
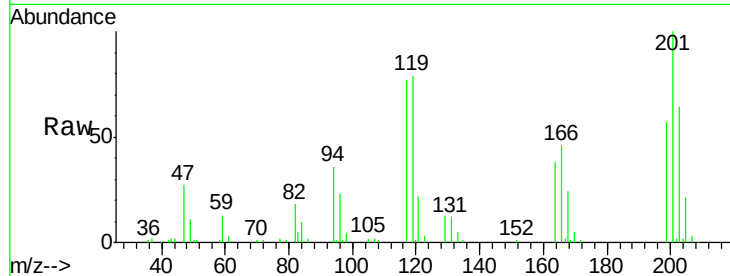
#18
Hexachloroethane
Concen: 47.934 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	102.1	76.7	115.1		
201	129.5	95.7	143.5		

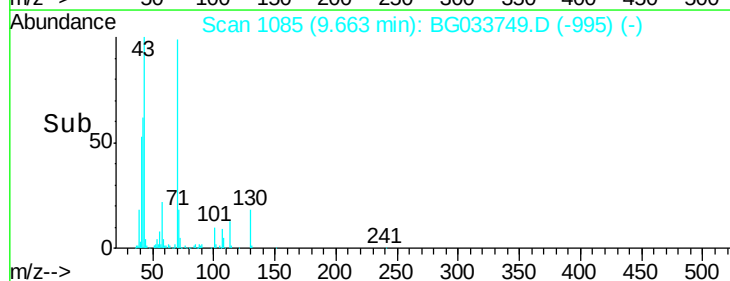
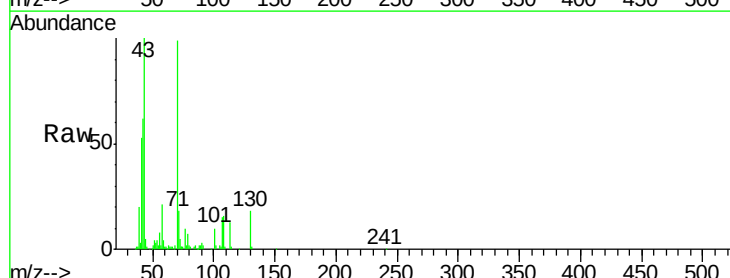
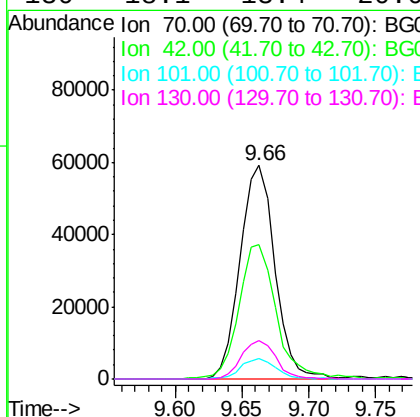
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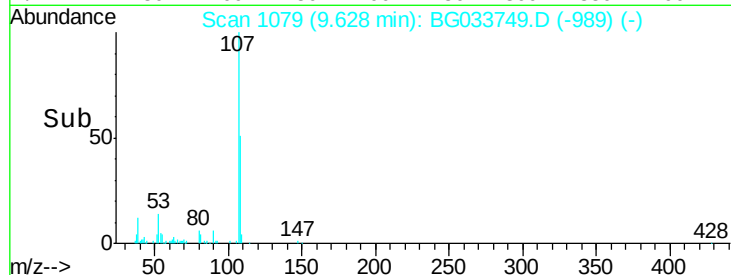
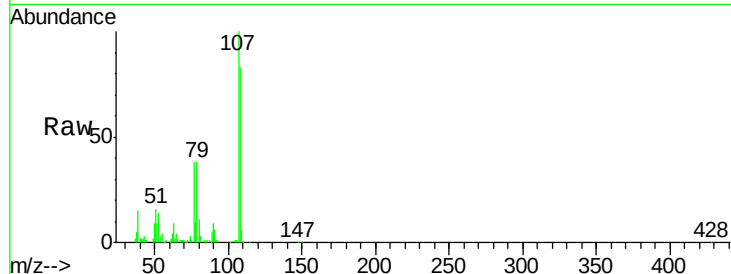
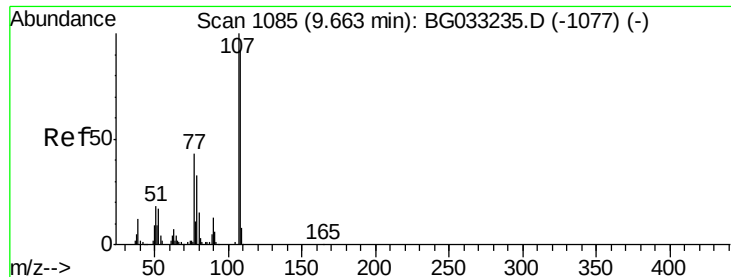
Sohil
4/12/2018 2:35:34 PM



#19
n-Nitroso-di-n-propylamine
Concen: 49.639 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.1	49.1	73.7		
101	9.9	8.5	12.7		
130	18.1	13.4	20.0		





#20

3+4-Methylphenols

Concen: 53.649 ng

RT: 9.63 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tot Ion	107	Resp	151040
Ion Ratio	Lower	Upper	
107	100		
108	82.7	61.6	101.6
77	37.8	13.9	53.9
79	37.6	8.8	48.8

Instrument :

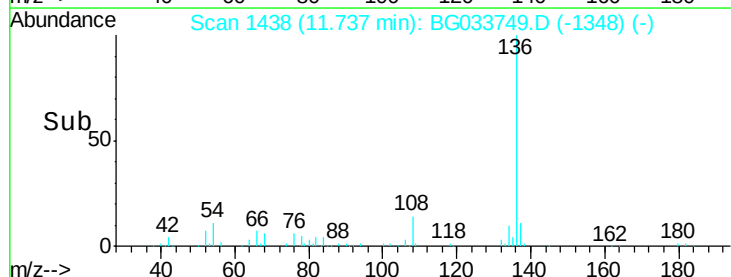
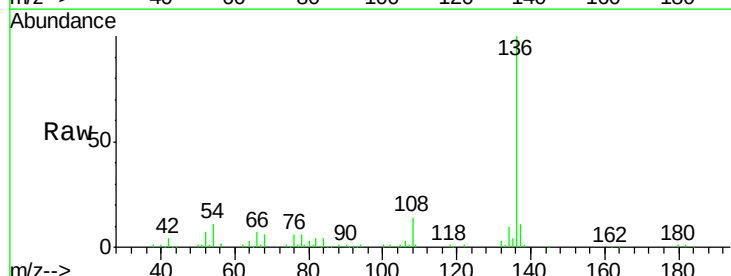
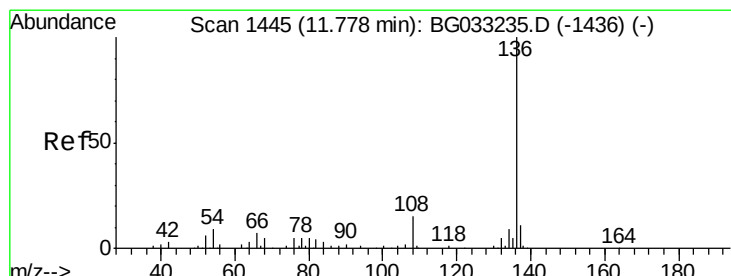
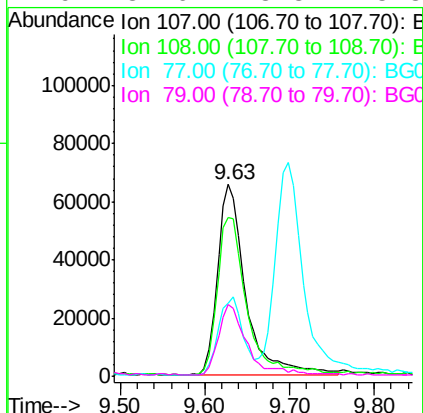
BNA_G

ClientSampleId :

PB108149BSD

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

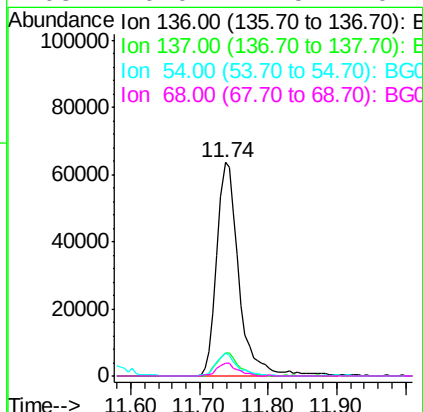
RT: 11.74 min Scan# 1438

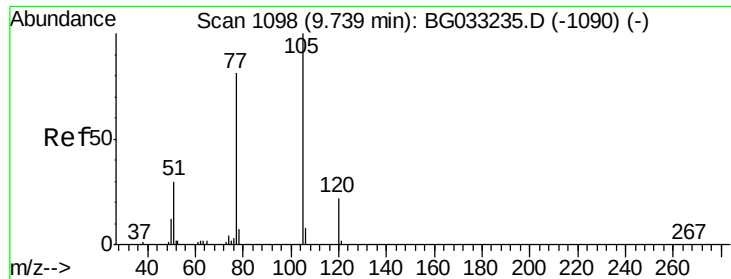
Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion	136	Resp	142951
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	10.5	10.3	15.5
68	6.0	4.5	6.7





#22

Acetophenone

Concen: 47.646 ng

RT: 9.70 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

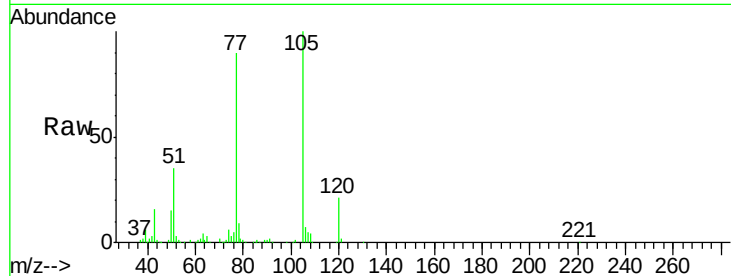
ClientSampleId :

PB108149BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	186600		
71	71	0.3	3.0	4.4#	
51	51	34.6	26.1	39.1	
120	120	21.0	17.4	26.2	

Manual Integrations
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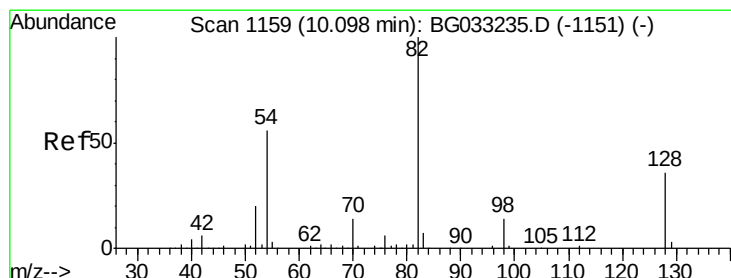
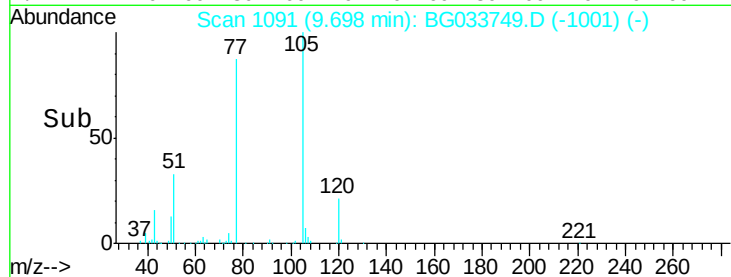
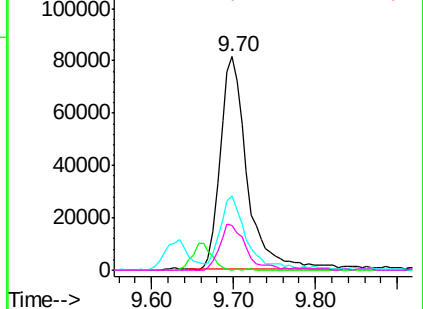


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 85.839 ng

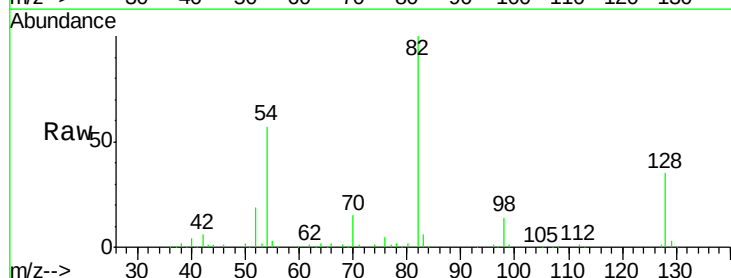
RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

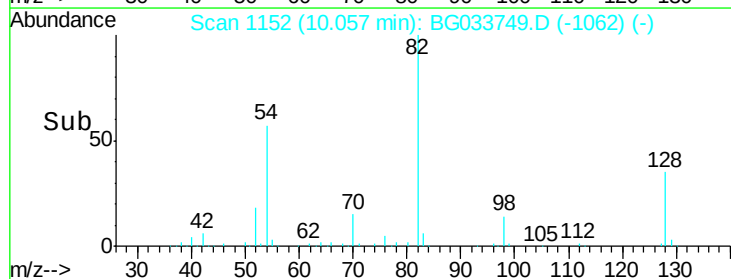
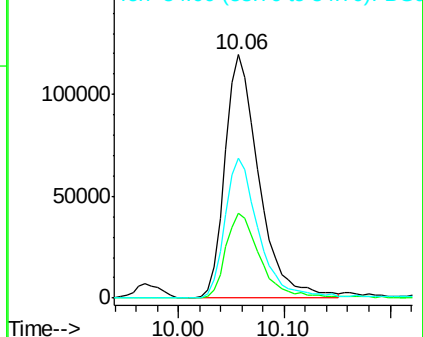
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	267080		
128	128	34.7	29.7	44.5	
54	54	57.3	43.1	64.7	

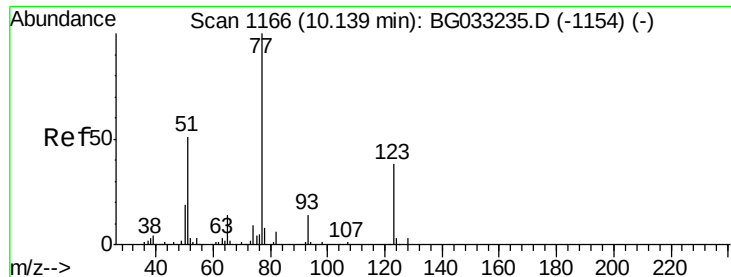


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





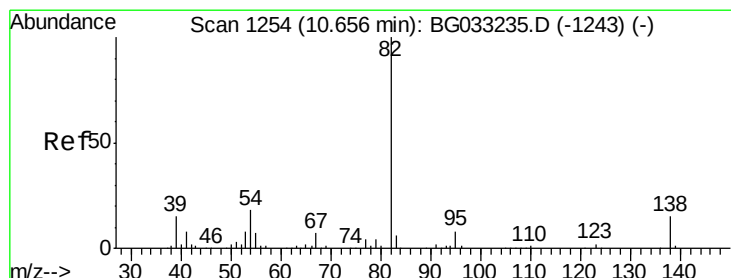
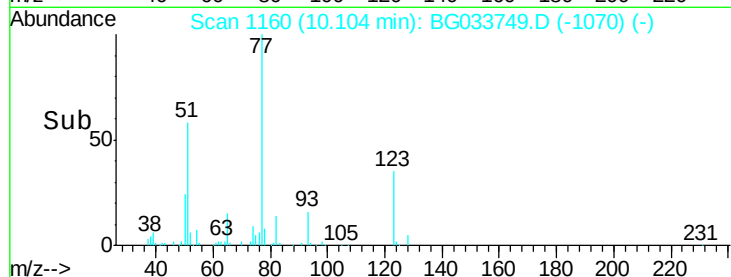
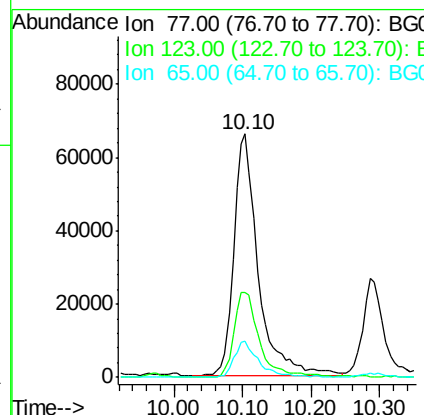
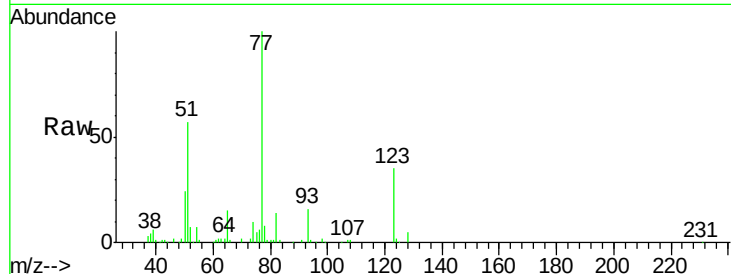
#24
 Nitrobenzene
 Concen: 49.190 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	35.0	33.0	49.6
65	15.0	13.0	19.6

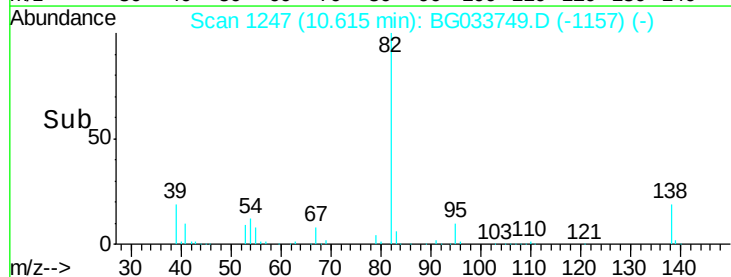
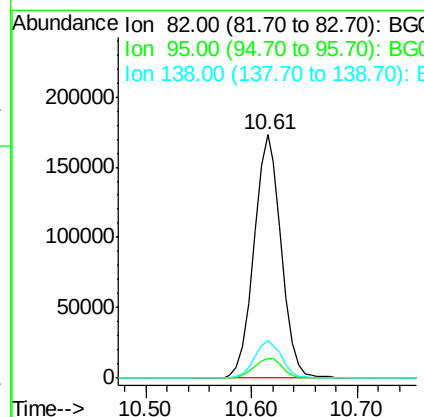
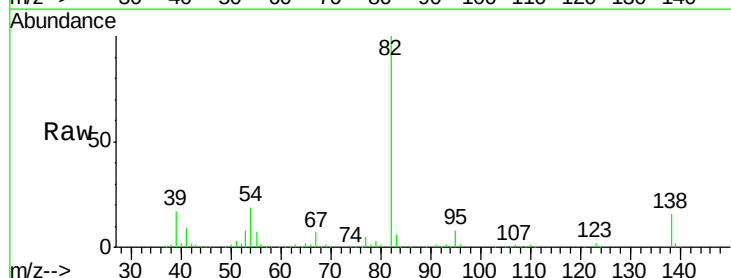
Manual Integrations
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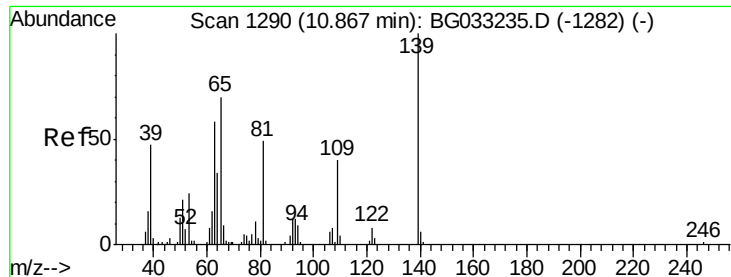
Sohil
 4/12/2018 2:35:34 PM



#25
 Isophorone
 Concen: 51.120 ng
 RT: 10.61 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.2	9.2
138	15.6	12.1	18.1





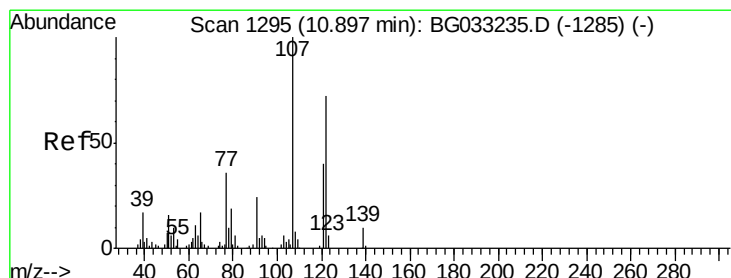
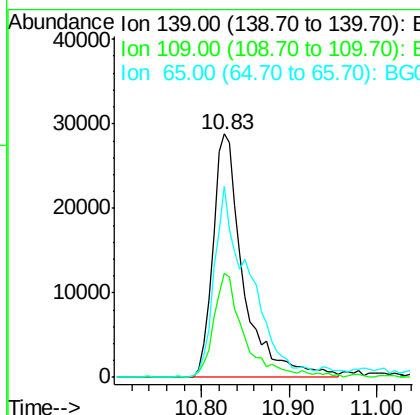
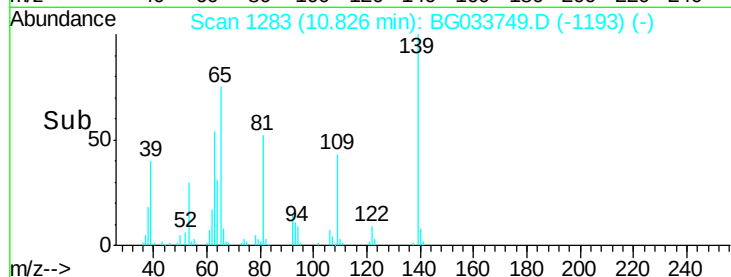
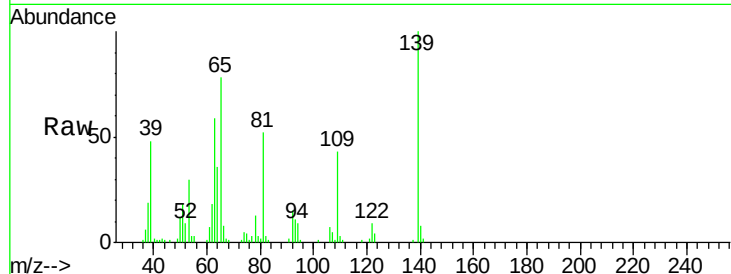
#26
2-Nitrophenol
Concen: 54.864 ng
RT: 10.83 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	69176		
109	42.5	24.2	36.2	#
65	78.3	47.4	71.0	#

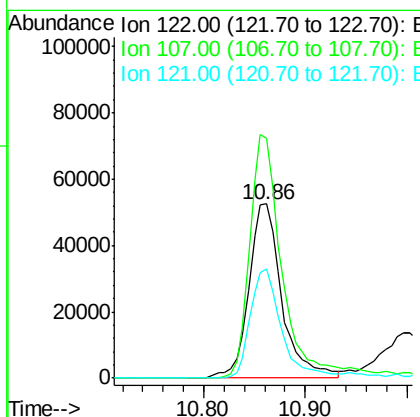
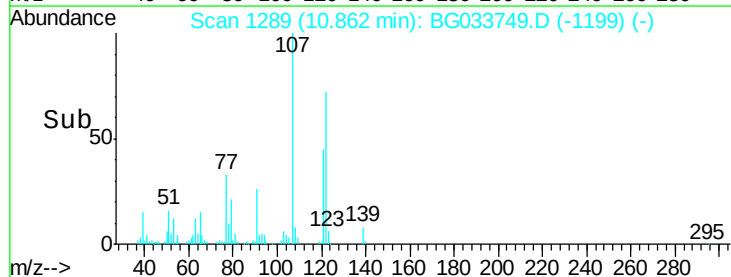
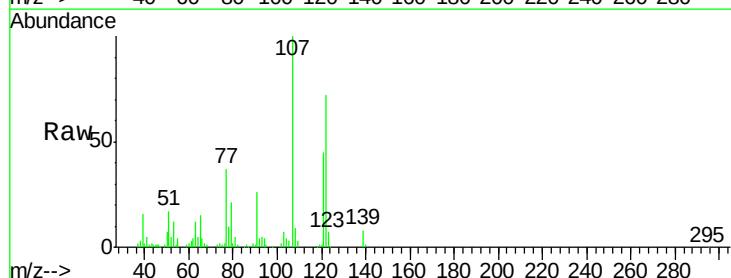
Manual Integrations
APPROVED

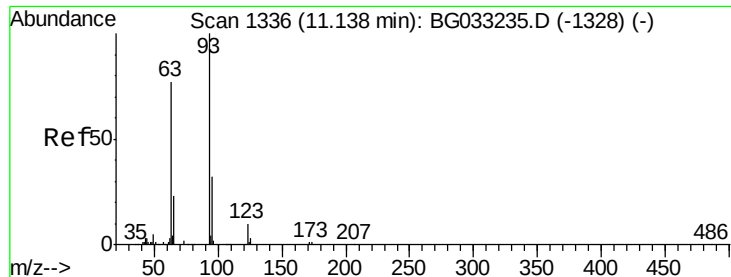
Sohil
4/12/2018 2:35:34 PM



#27
2,4-Dimethylphenol
Concen: 64.759 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	118616		
107	138.0	100.2	150.2	
121	62.7	44.4	66.6	





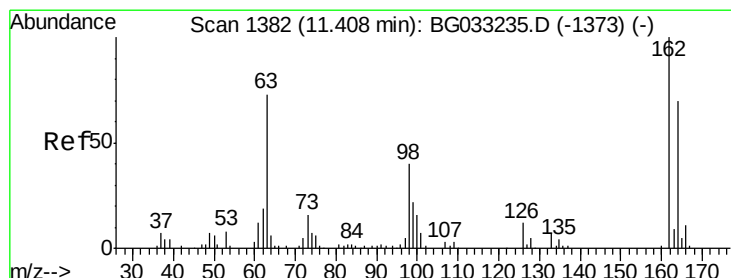
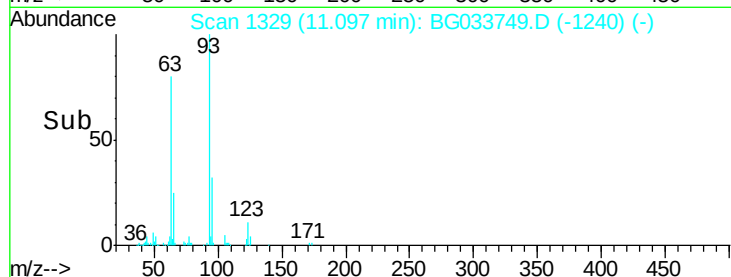
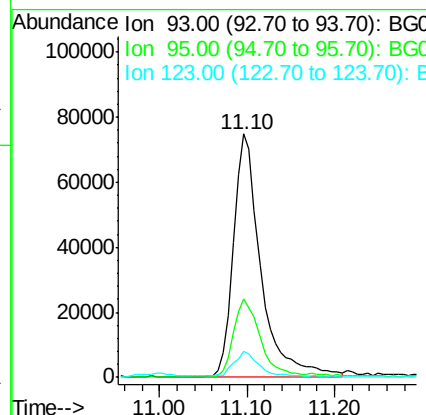
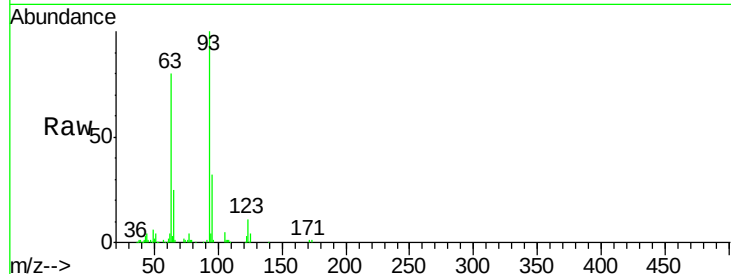
#28
bis(2-Chloroethoxy)methane
Concen: 53.264 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	10.7	8.4	12.6

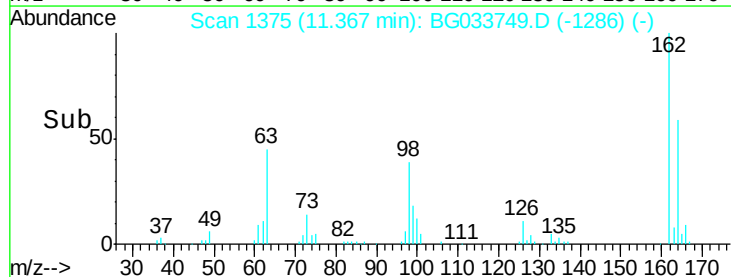
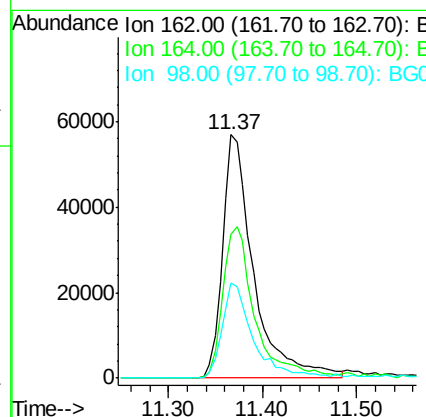
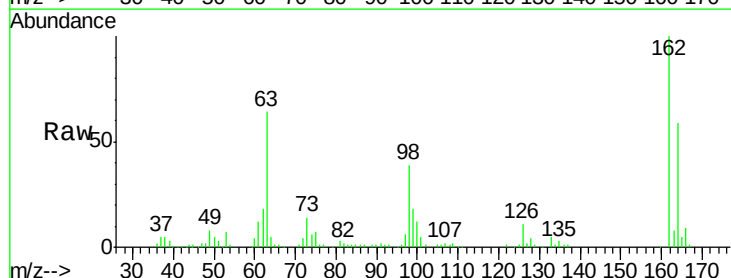
Manual Integrations
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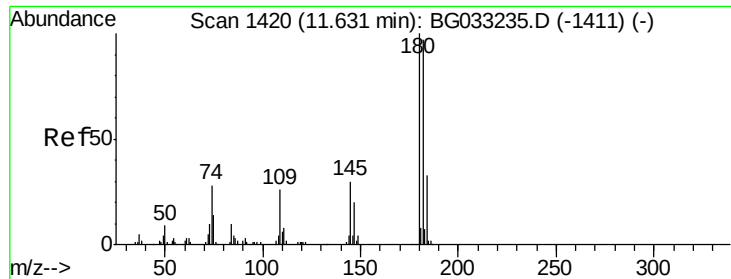
Sohil
4/12/2018 2:35:34 PM



#29
2,4-Dichlorophenol
Concen: 58.239 ng
RT: 11.37 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.2	48.0	88.0
98	39.2	21.1	61.1





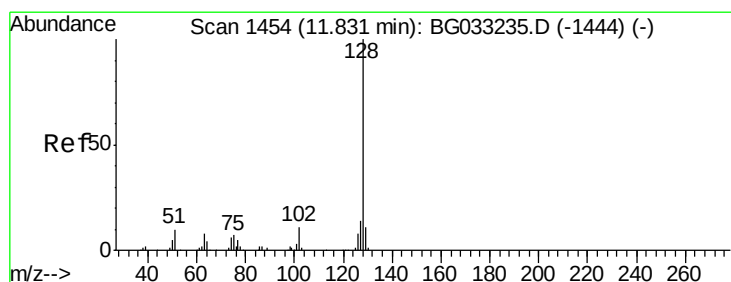
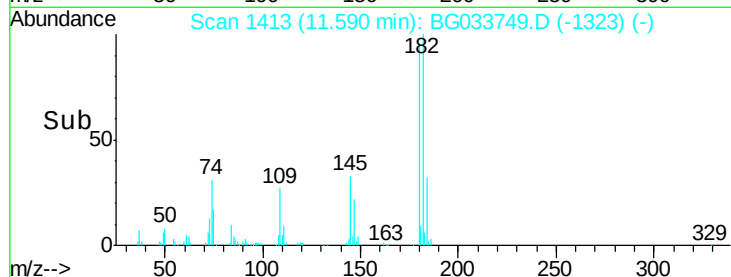
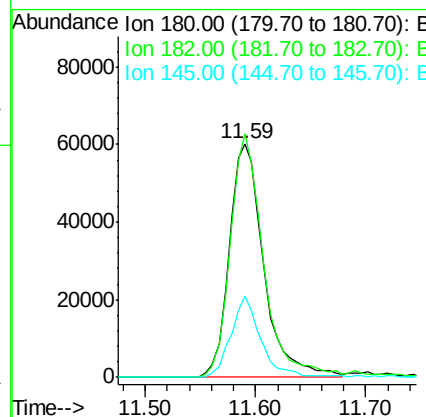
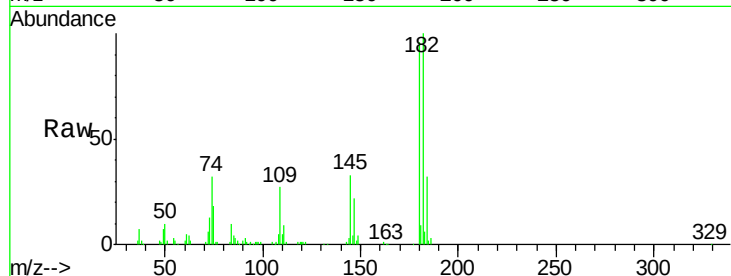
#30
1,2,4-Trichlorobenzene
Concen: 44.907 ng
RT: 11.59 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.2	77.5	116.3
145	34.8	23.4	35.2

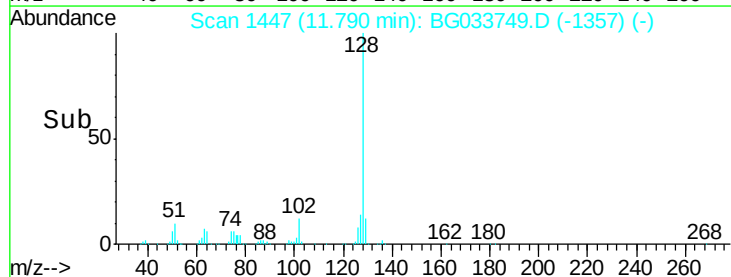
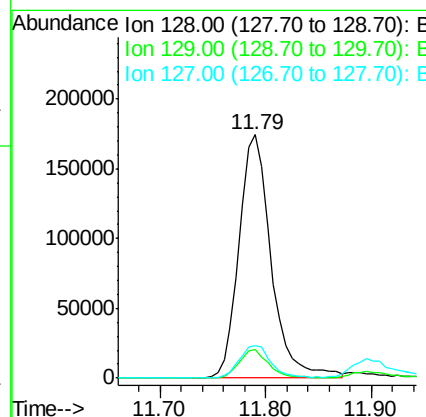
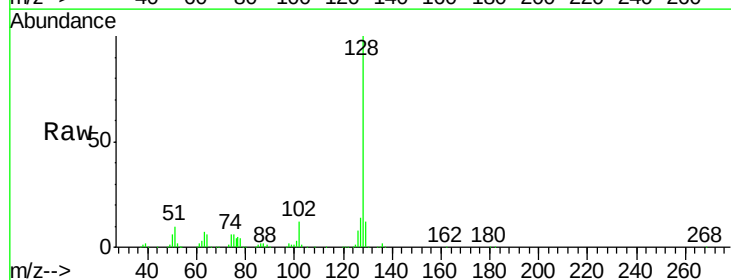
Manual Integrations
APPROVED

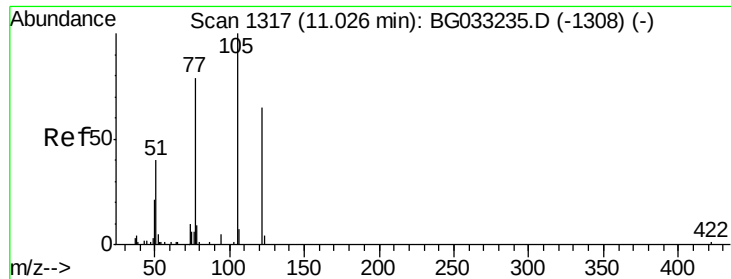
Sohil
4/12/2018 2:35:34 PM



#31
Naphthalene
Concen: 49.594 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.5	11.6	17.4





#32

Benzoic acid

Concen: 26.949 ng

RT: 11.00 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampled :

PB108149BSD

Tot Ion:122 Resp: 45887

Ion Ratio Lower Upper

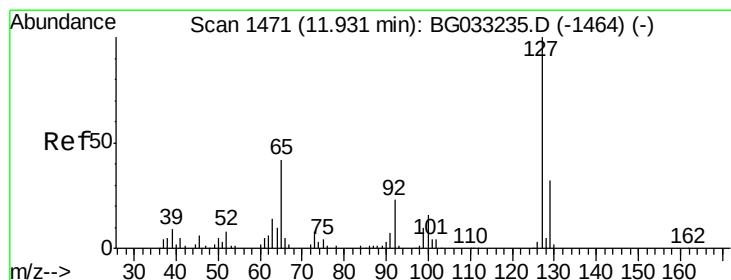
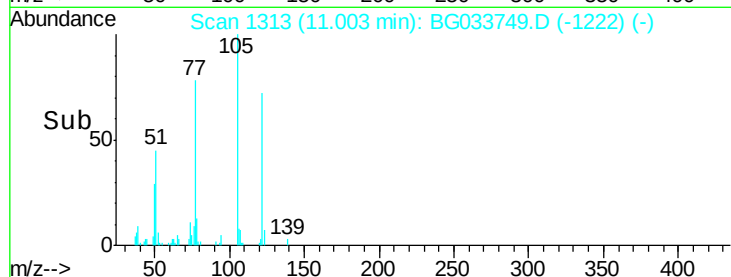
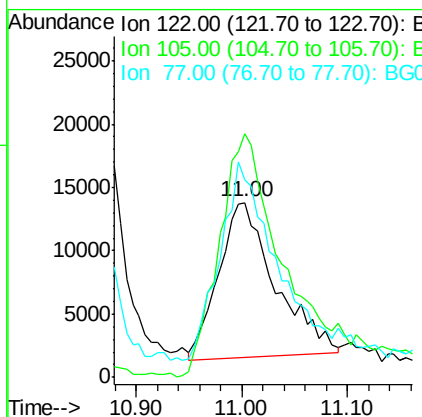
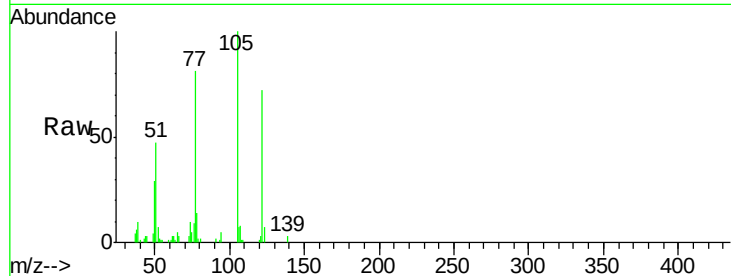
122 100

105 139.2 123.5 163.5

77 113.1 85.7 125.7

Manual Integrations
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#33

4-Chloroaniline

Concen: 11.398 ng

RT: 11.90 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:127 Resp: 37829

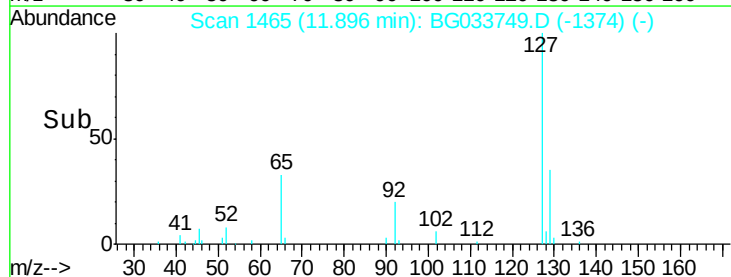
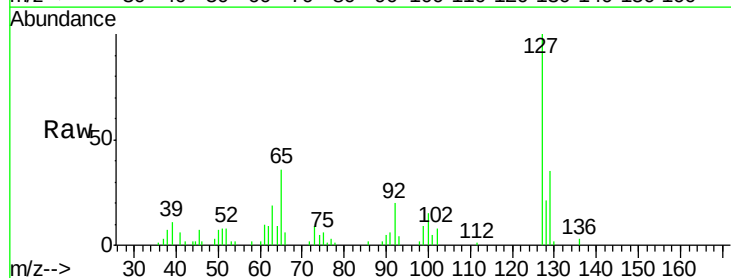
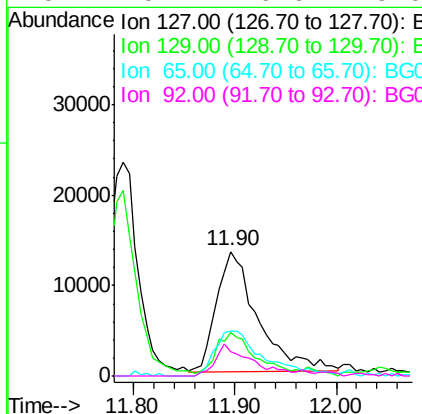
Ion Ratio Lower Upper

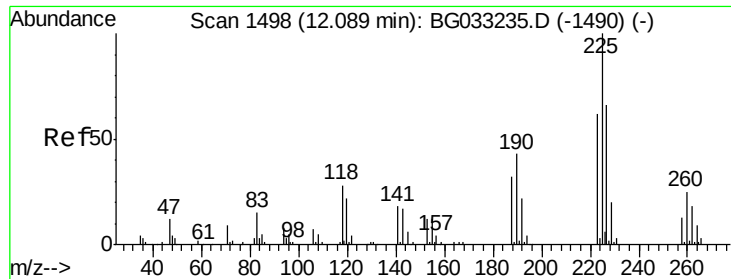
127 100

129 35.1 24.0 36.0

65 35.6 27.0 40.4

92 19.7 16.6 25.0





#34

Hexachlorobutadiene

Concen: 44.237 ng

RT: 12.04 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

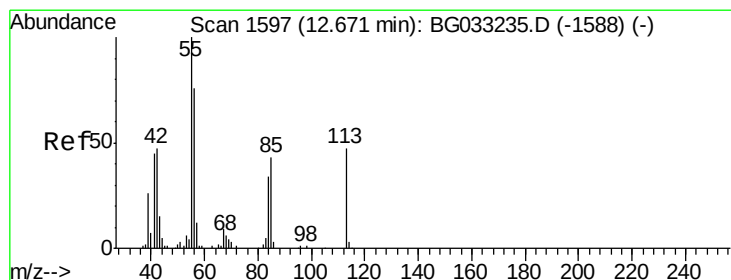
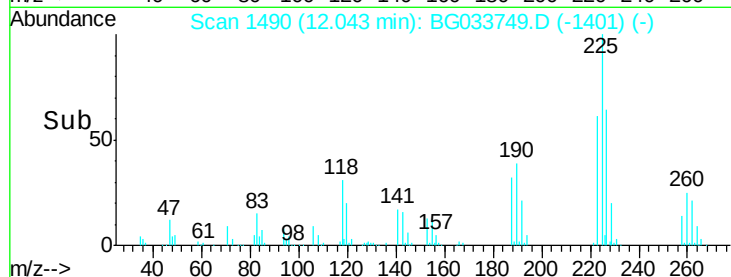
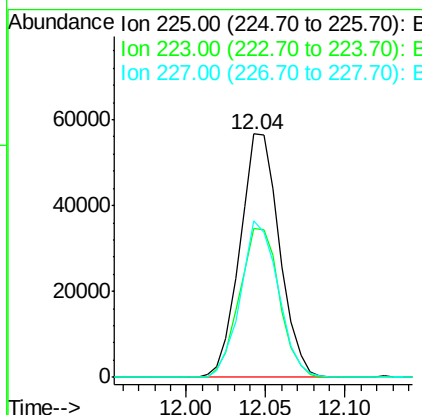
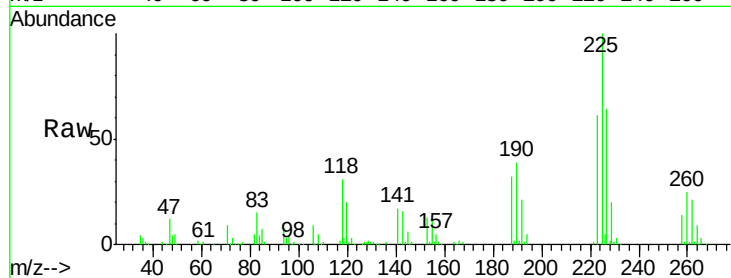
ClientSampleId :

PB108149BSD

Tot Ion:	225	Resp:	97904
Ion Ratio	Lower	Upper	
225	100		
223	61.2	49.7	74.5
227	64.2	48.1	72.1

Manual Integrations
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#35

Caprolactam

Concen: 53.221 ng

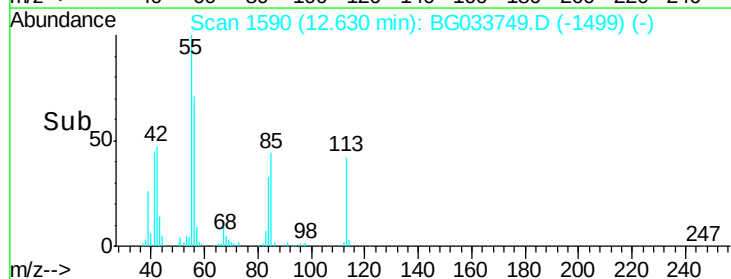
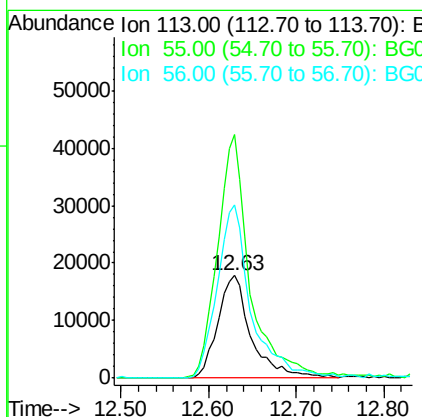
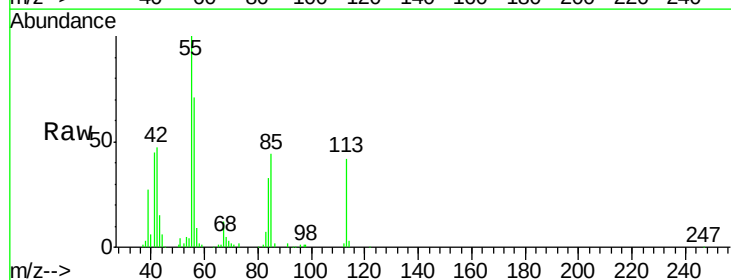
RT: 12.63 min Scan# 1590

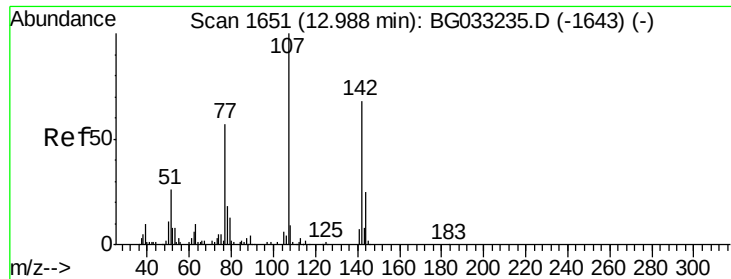
Delta R.T. 0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:	113	Resp:	46966
Ion Ratio	Lower	Upper	
113	100		
55	238.2	186.9	226.9#
56	169.1	130.9	170.9





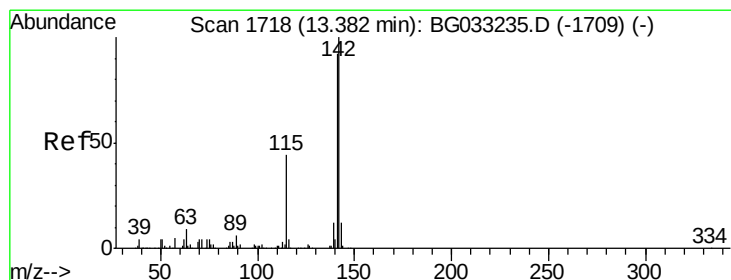
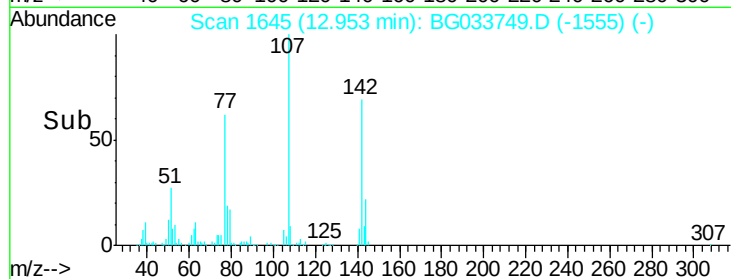
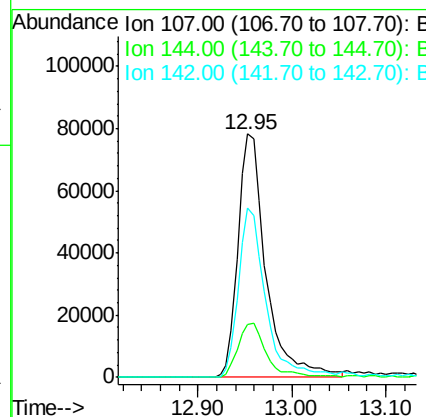
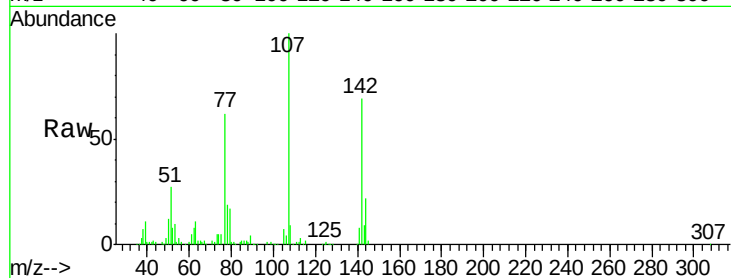
#36
4-Chloro-3-methylphenol
Concen: 55.111 ng
RT: 12.95 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.8	18.2	27.4
142	69.5	59.0	88.4

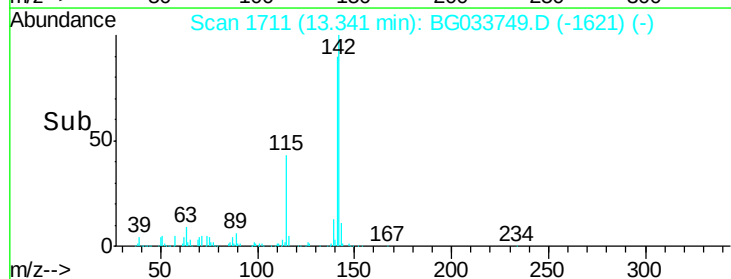
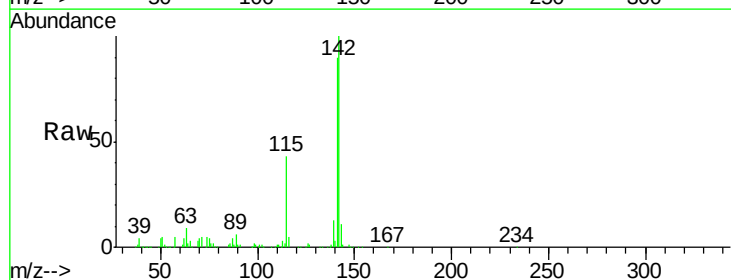
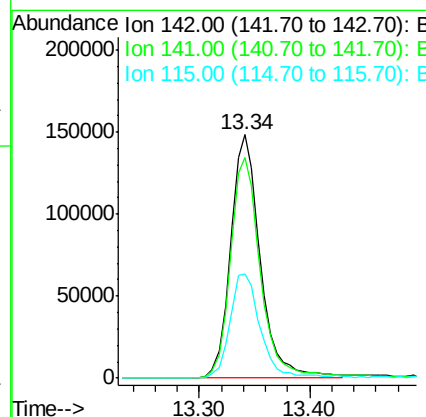
Manual Integrations
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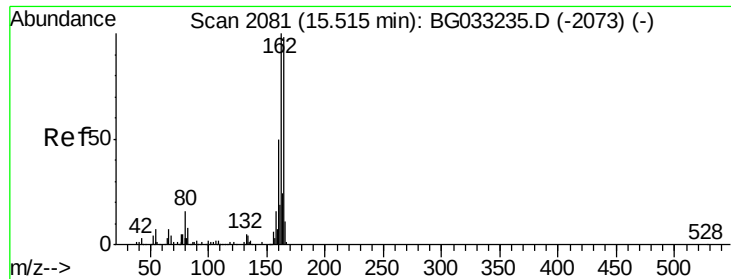
Sohil
4/12/2018 2:35:34 PM



#37
2-Methylnaphthalene
Concen: 48.522 ng
RT: 13.34 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	42.9	30.7	46.1





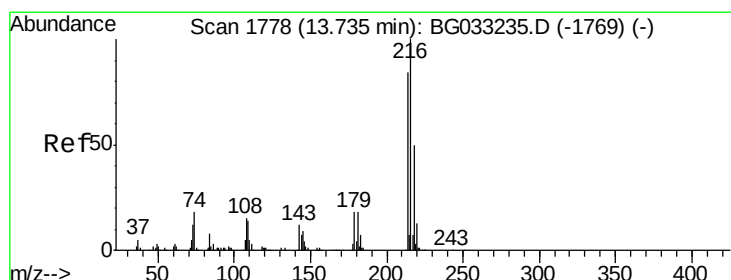
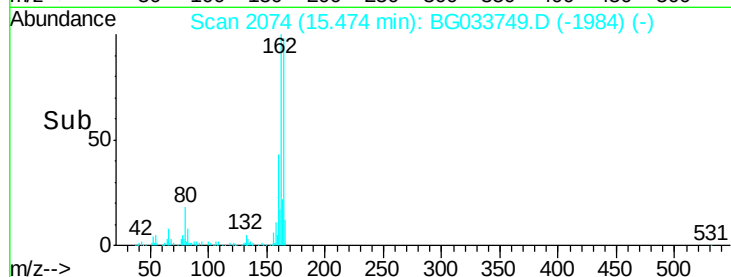
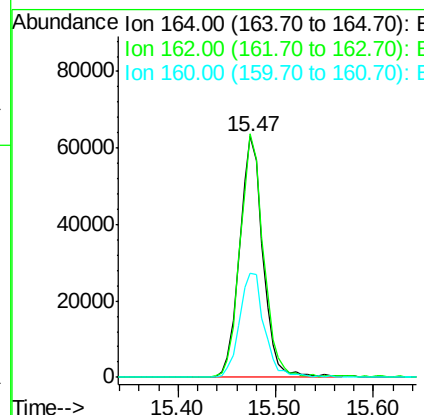
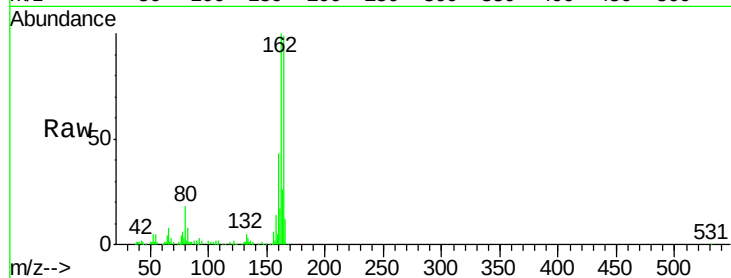
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	43.2	35.4	53.0

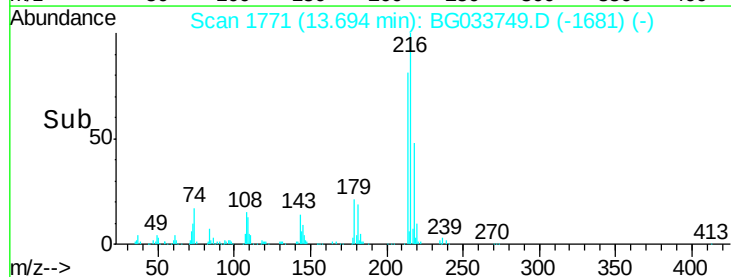
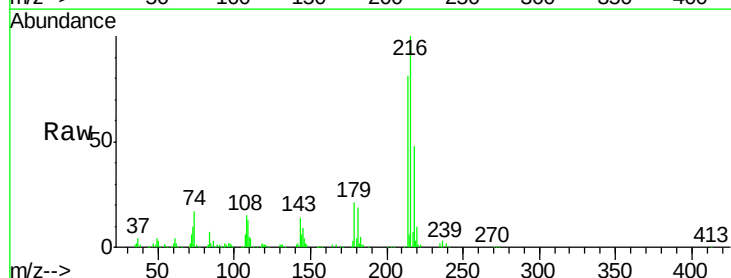
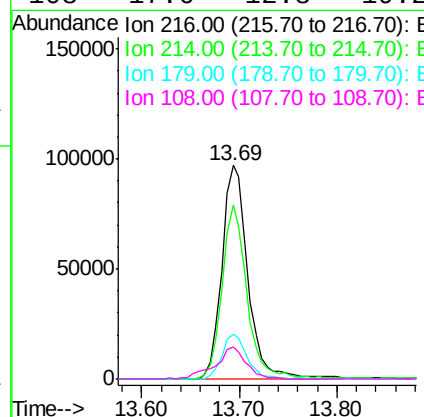
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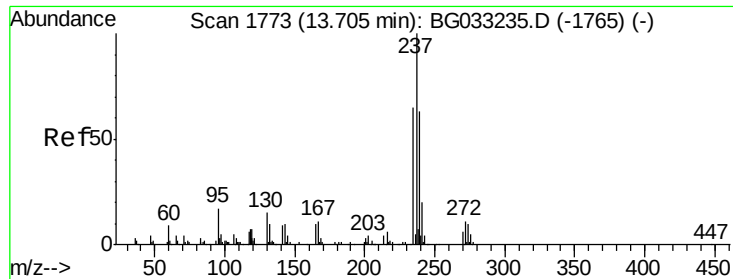
Sohil
4/12/2018 2:35:34 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.081 ng
RT: 13.69 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.1	17.0	25.6
108	17.6	12.8	19.2





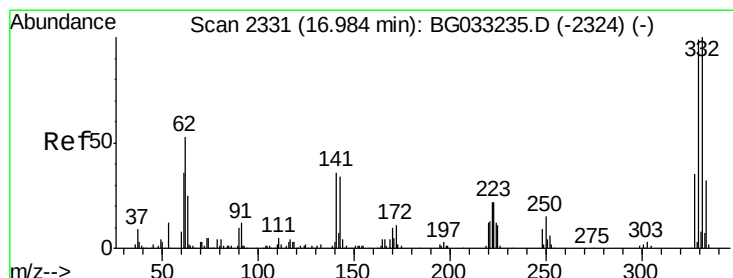
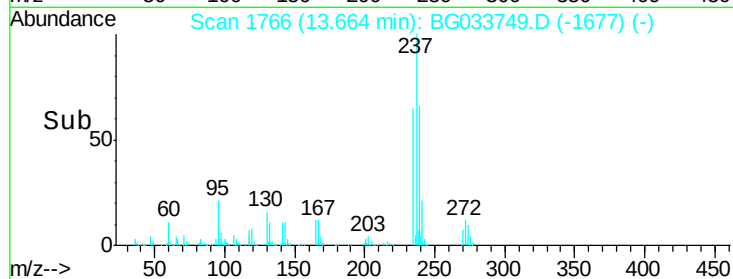
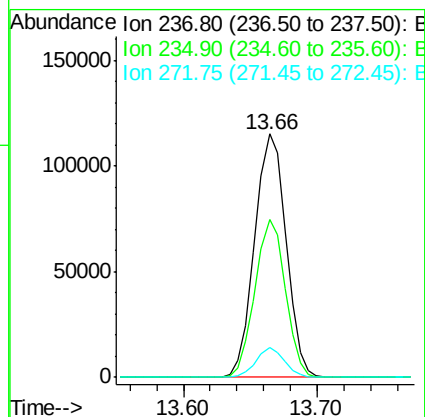
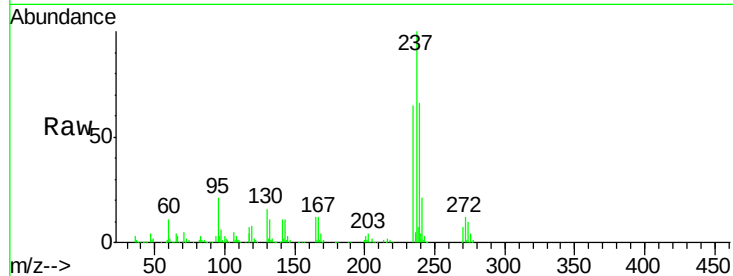
#40
Hexachlorocyclopentadiene
Concen: 83.991 ng
RT: 13.66 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.9	50.4	90.4
272	12.2	0.0	31.8

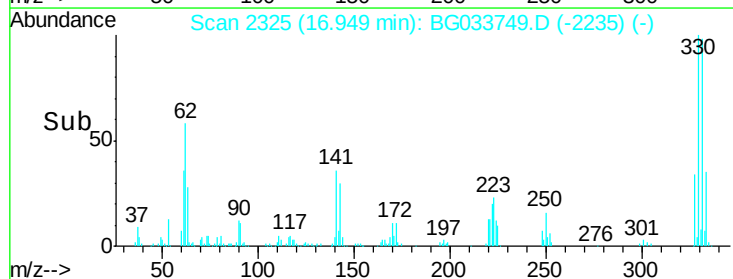
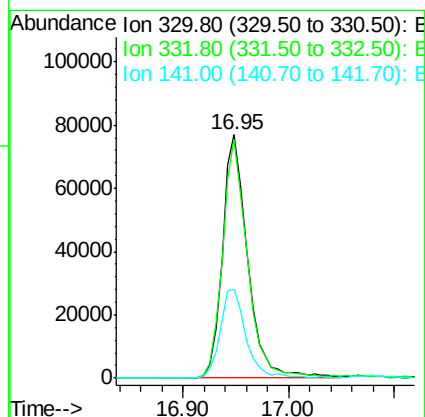
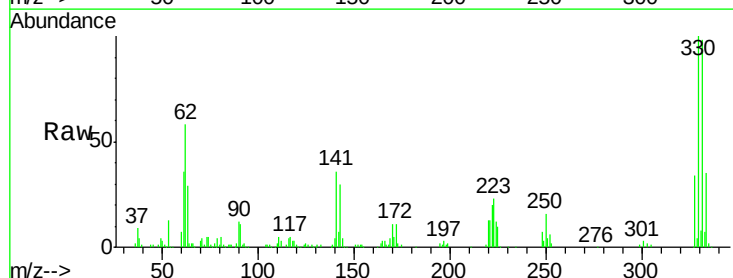
Manual Integrations
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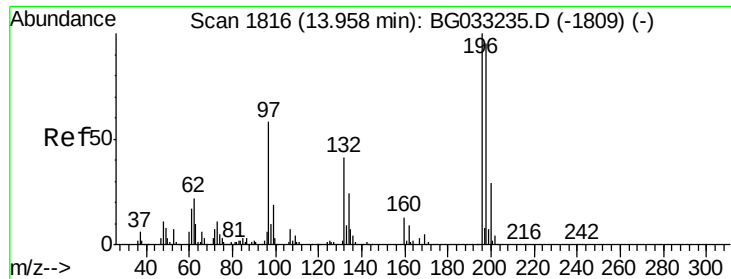
Sohil
4/12/2018 2:35:34 PM



#41
2,4,6-Tribromophenol
Concen: 81.581 ng
RT: 16.95 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.5	25.2	37.8





#42

2,4,6-Trichlorophenol

Concen: 54.297 ng

RT: 13.92 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB108149BSD

Tot Ion:196 Resp: 119820

Ion Ratio Lower Upper

196 100

198 95.9 78.2 117.2

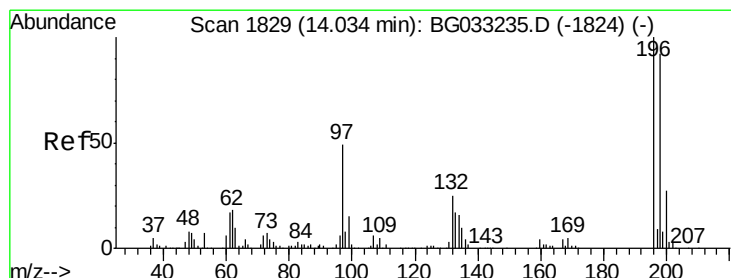
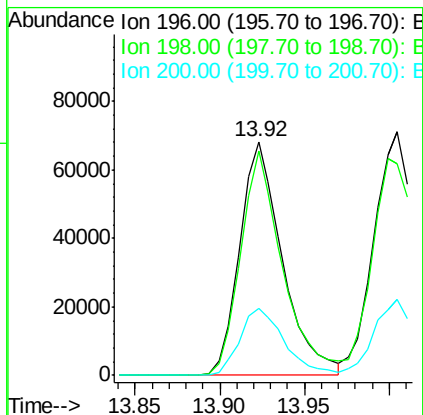
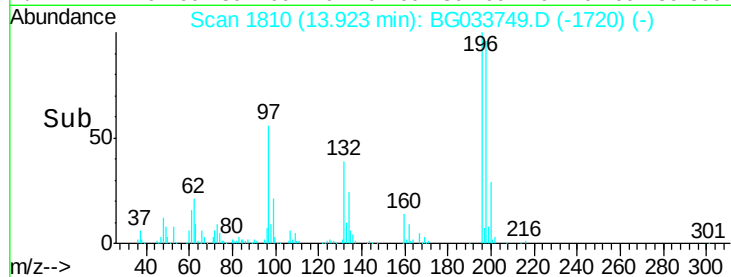
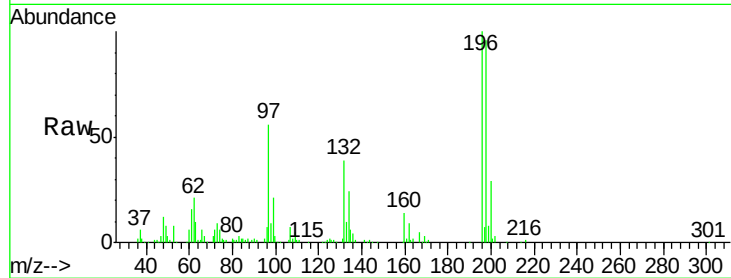
200 28.6 24.6 36.8

Manual Integrations

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4/12/2018 2:35:34 PM



#43

2,4,5-Trichlorophenol

Concen: 52.937 ng

RT: 14.01 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:196 Resp: 138080

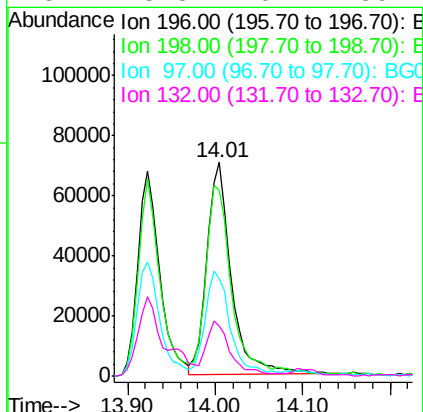
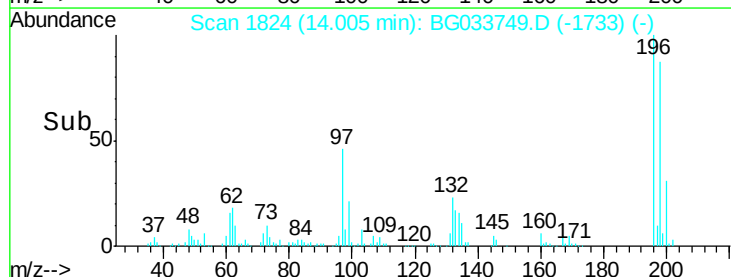
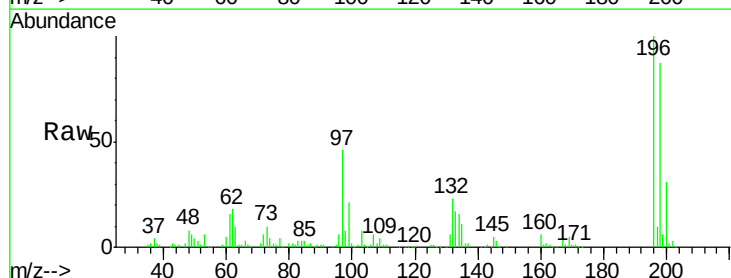
Ion Ratio Lower Upper

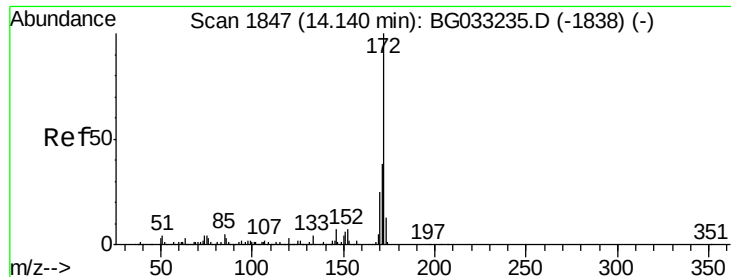
196 100

198 87.2 76.2 114.4

97 45.8 38.7 58.1

132 23.3 20.2 30.2





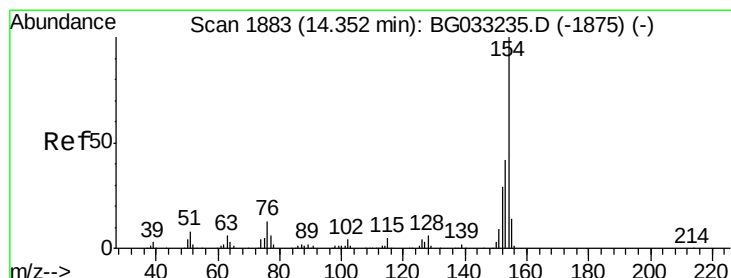
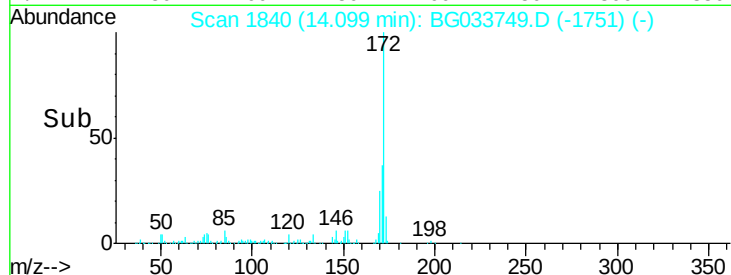
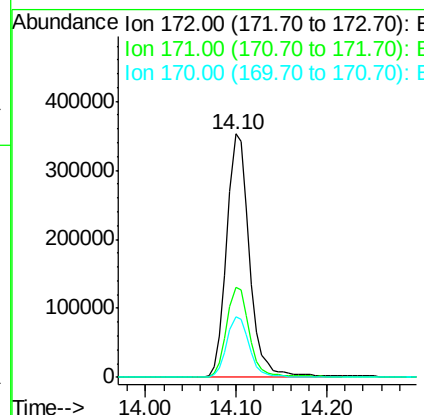
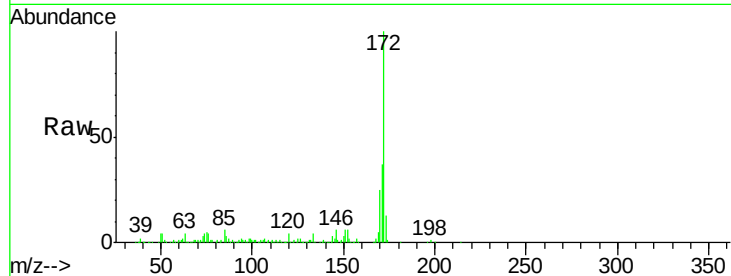
#44
2-Fluorobiphenyl
Concen: 85.292 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.8	19.5	29.3

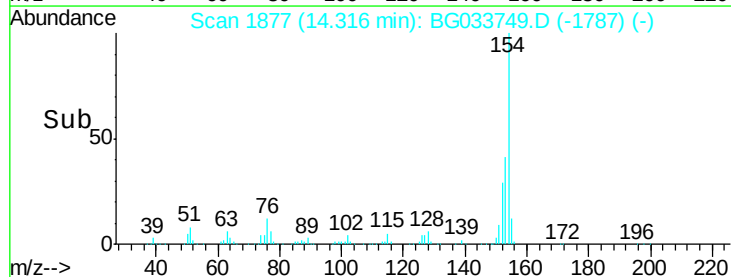
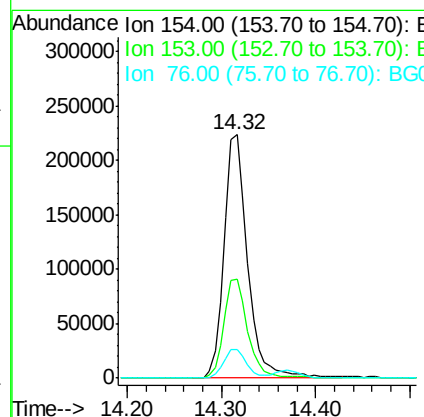
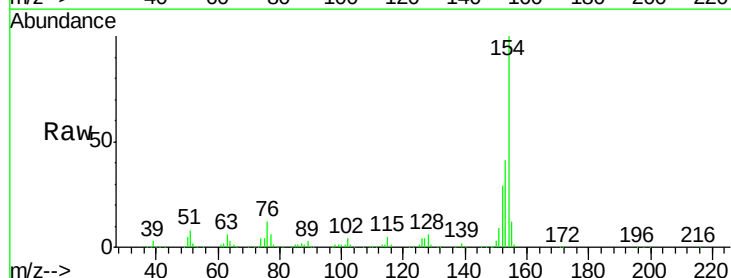
Manual Integrations
APPROVED

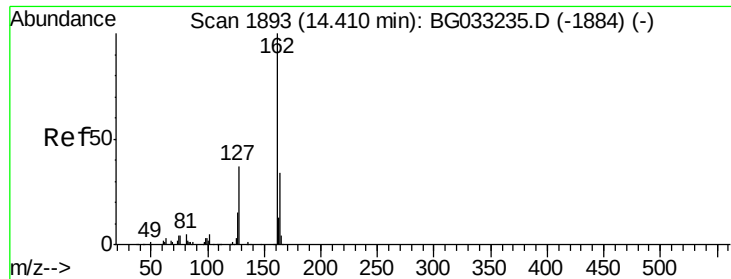
Sohil
4/12/2018 2:35:34 PM



#45
1,1'-Biphenyl
Concen: 48.683 ng
RT: 14.32 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	11.7	0.0	31.9





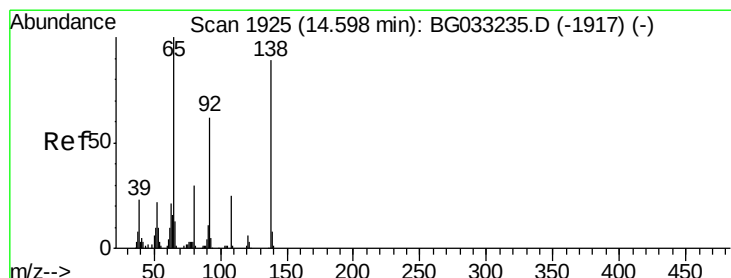
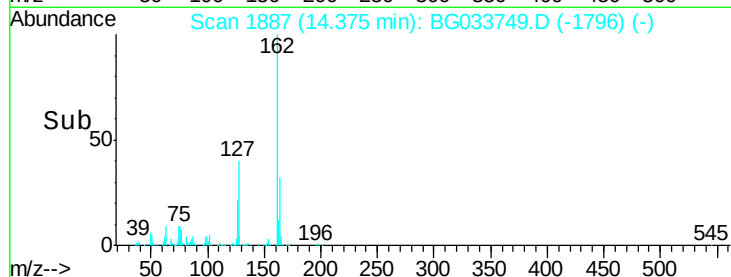
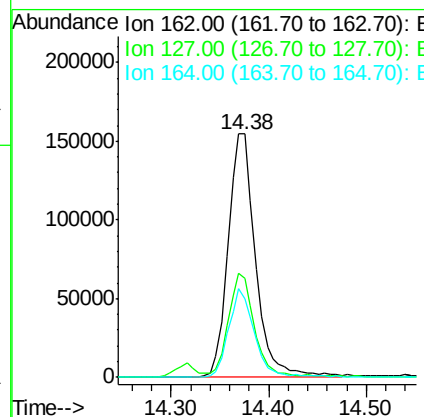
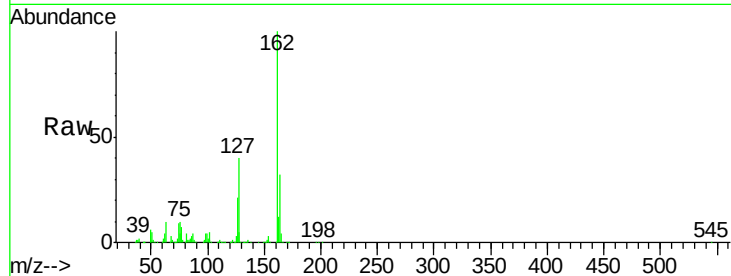
#46
2-Chloronaphthalene
Concen: 48.675 ng
RT: 14.38 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	32.1	26.0	39.0

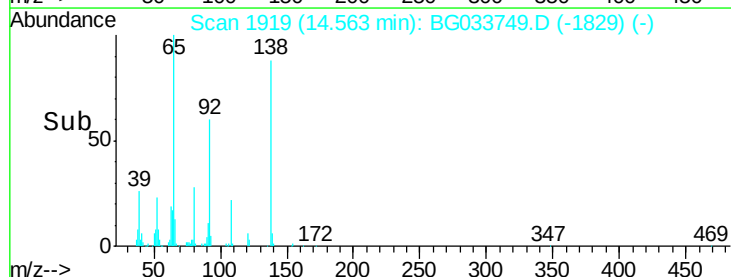
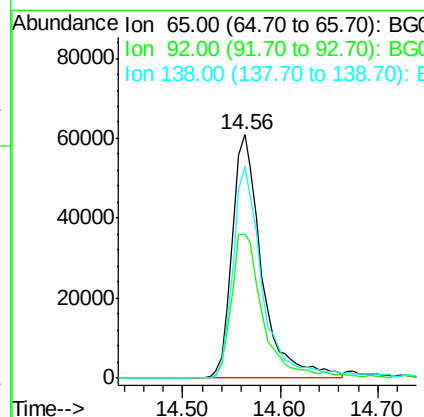
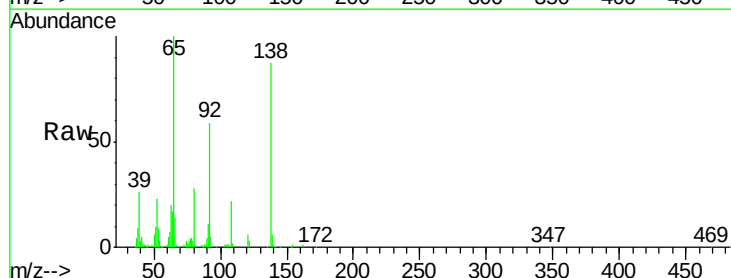
Manual Integrations
APPROVED

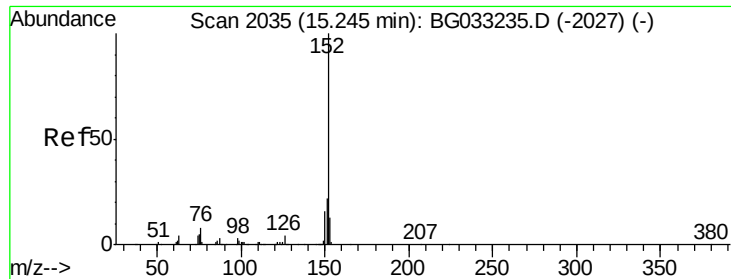
Sohil
4/12/2018 2:35:34 PM



#47
2-Nitroaniline
Concen: 55.129 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.1	54.6	82.0
138	86.9	72.9	109.3





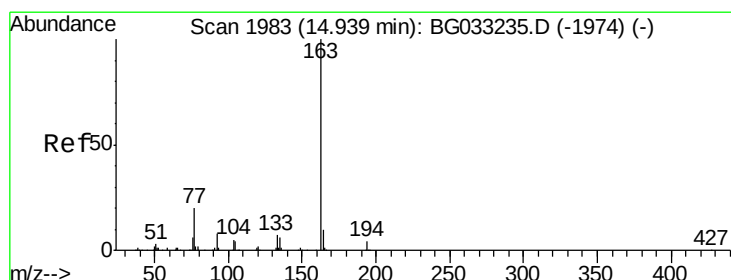
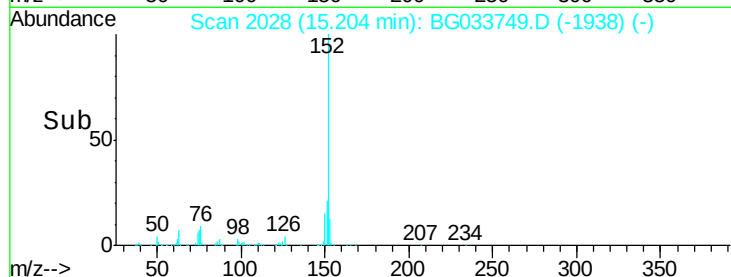
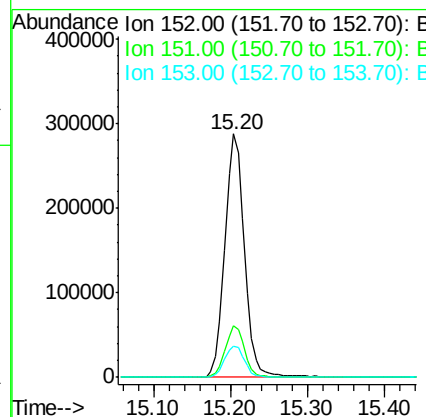
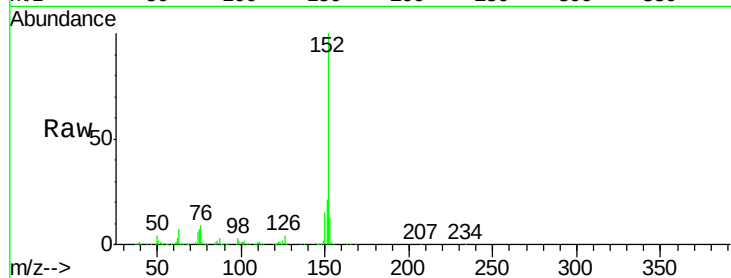
#48
Acenaphthylene
Concen: 48.586 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion:	152	Resp:	503741
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	12.6	10.2	15.4

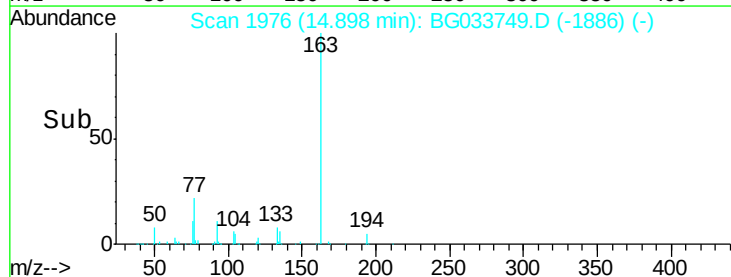
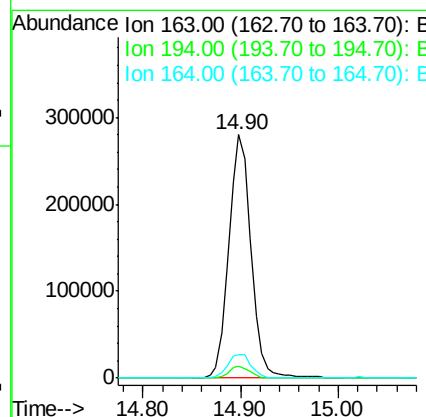
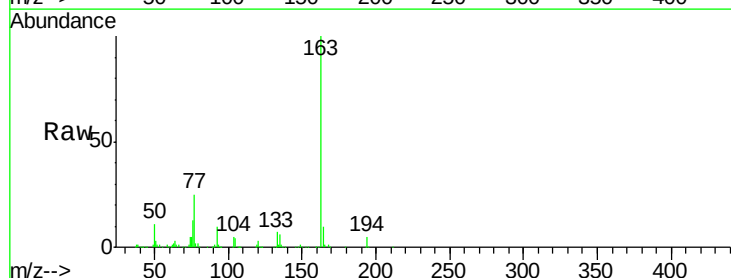
Manual Integrations
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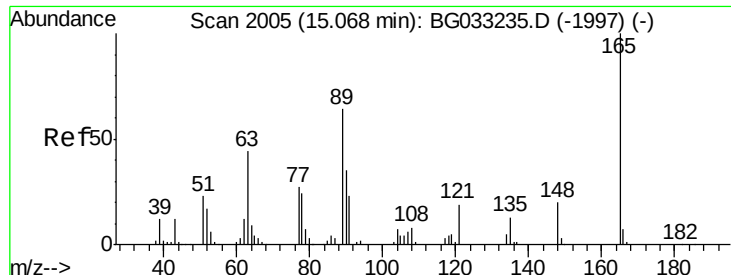
Sohil
4/12/2018 2:35:34 PM



#49
Dimethylphthalate
Concen: 48.400 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion:	163	Resp:	441666
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	9.9	8.2	12.4





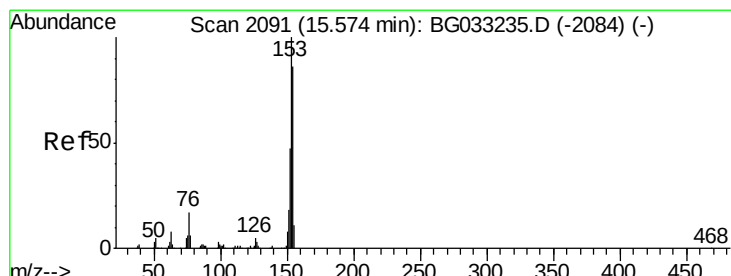
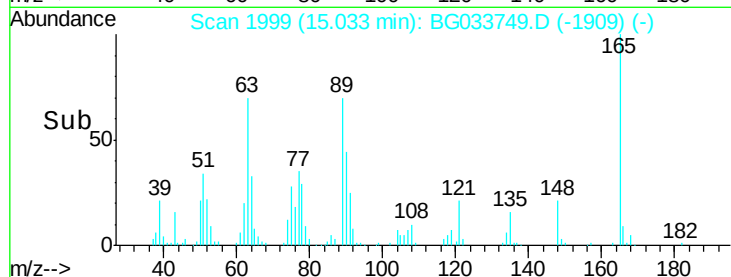
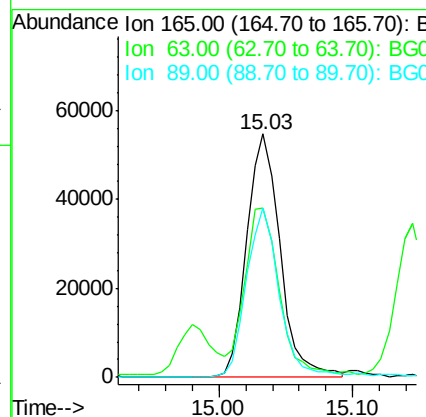
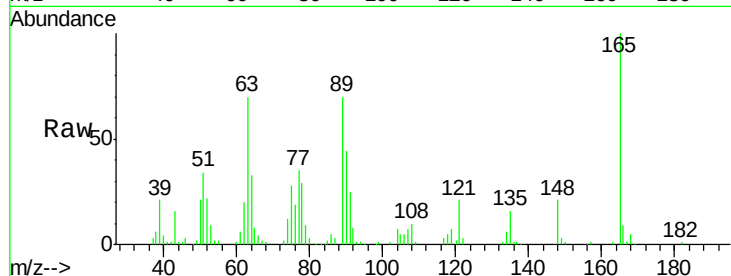
#50
 2,6-Dinitrotoluene
 Concen: 50.662 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	94529		
63	69.6	52.7	79.1	
89	69.6	49.2	73.8	

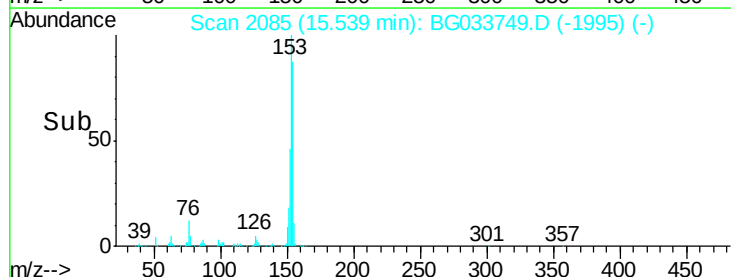
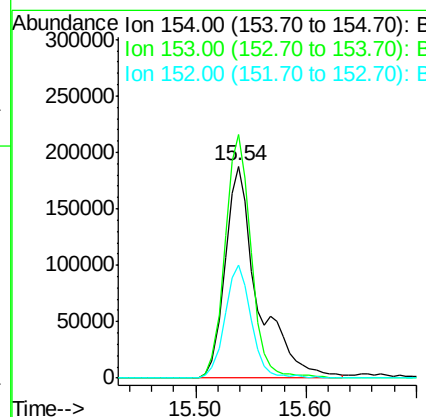
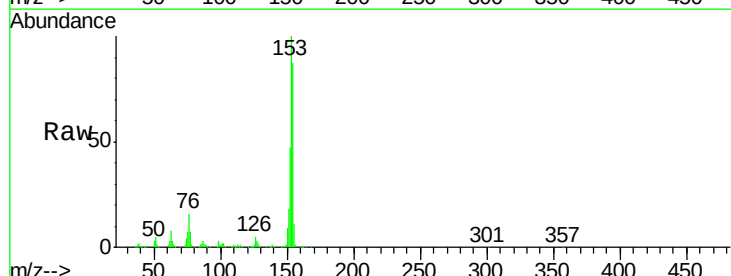
Manual Integrations
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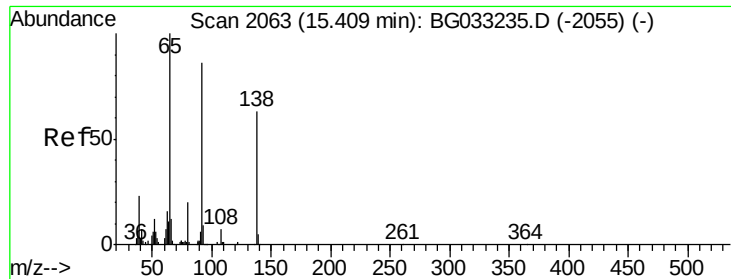
Sohil
 4/12/2018 2:35:34 PM



#51
 Acenaphthene
 Concen: 58.381 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	390200		
153	114.9	90.4	135.6	
152	53.5	41.6	62.4	





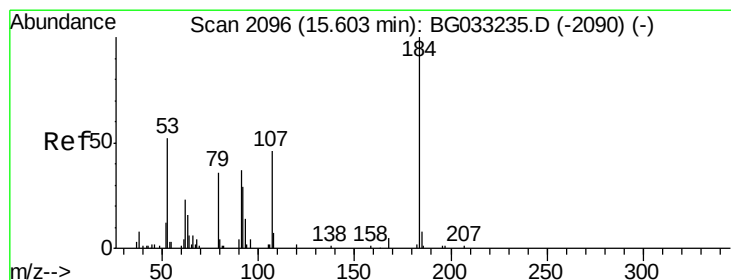
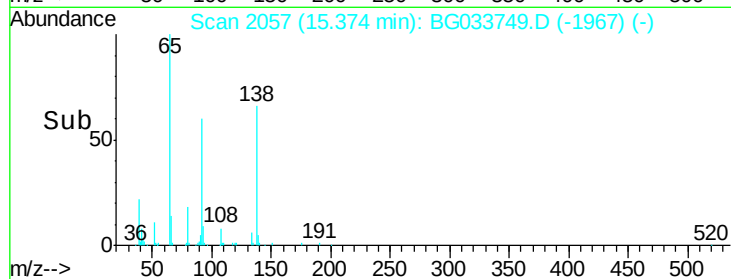
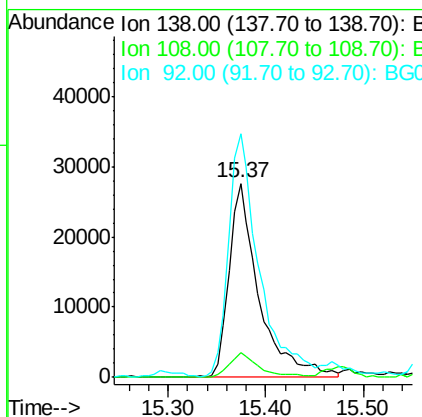
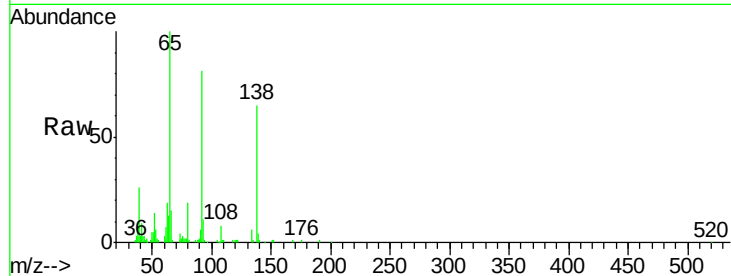
#52
3-Nitroaniline
Concen: 30.089 ng
RT: 15.37 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	17.5	26.3#
92	125.6	105.8	158.8

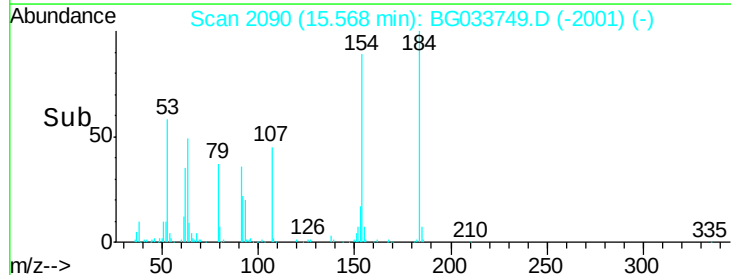
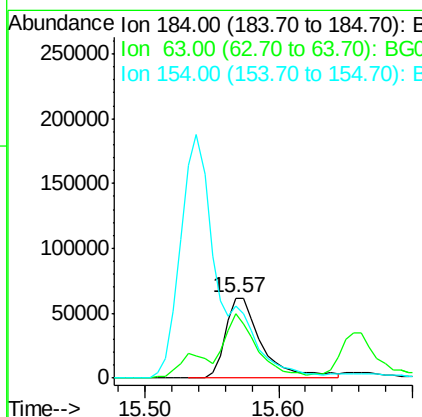
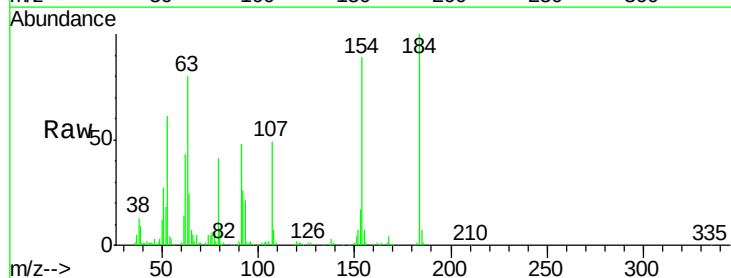
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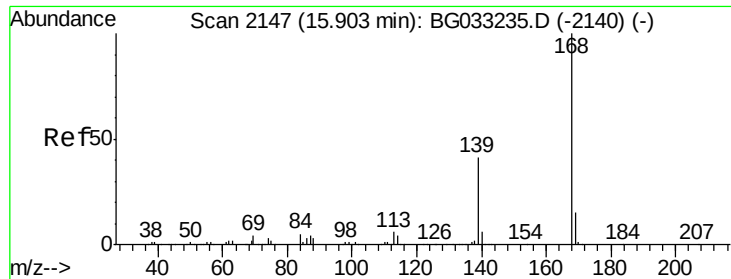
Sohil
4/12/2018 2:35:34 PM



#53
2,4-Dinitrophenol
Concen: 117.709 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.0	59.8	89.8
154	88.9	101.8	152.8#





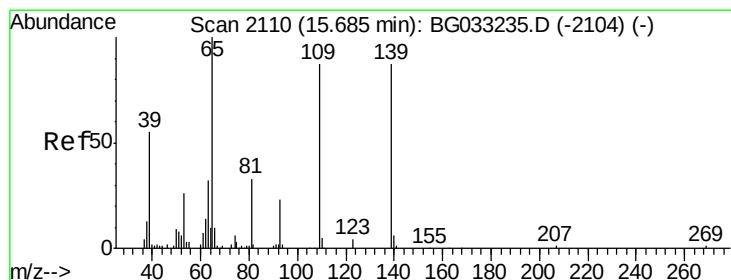
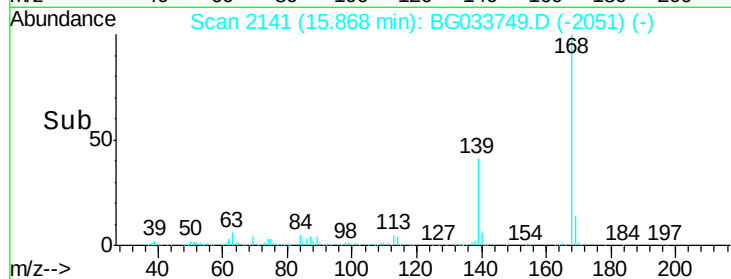
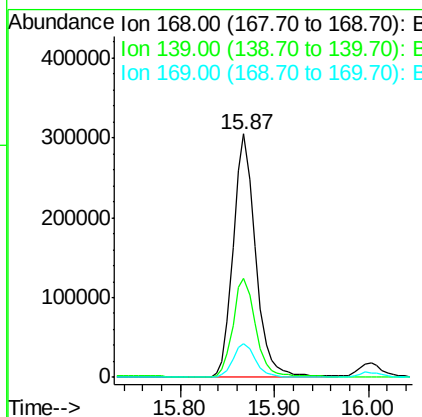
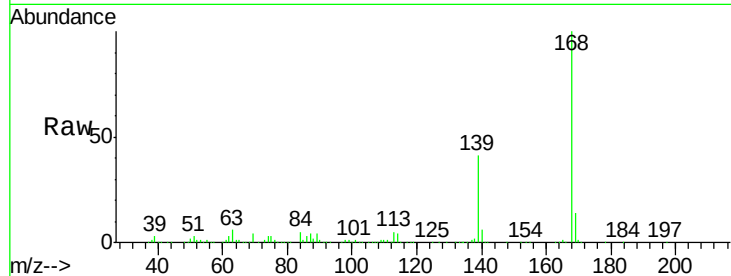
#54
Dibenzofuran
Concen: 51.159 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	28.6	43.0	
169	14.1	11.2	16.8	

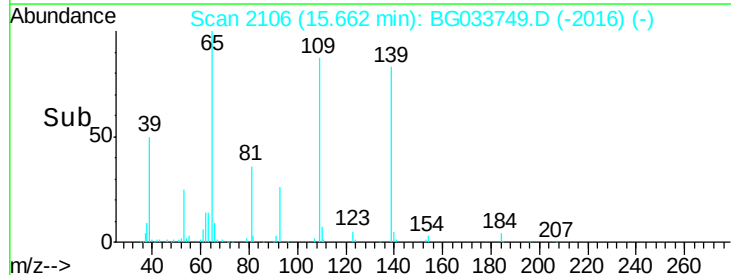
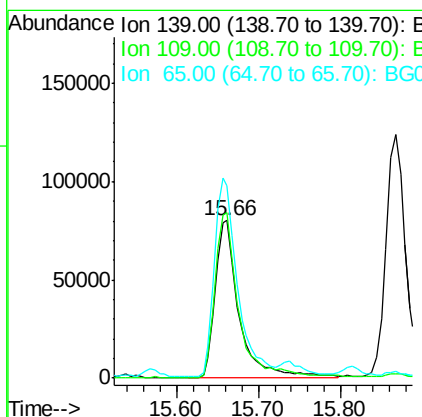
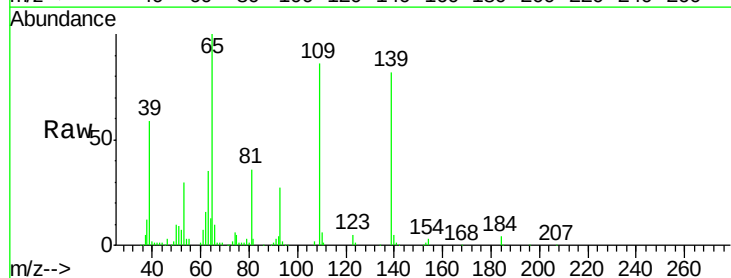
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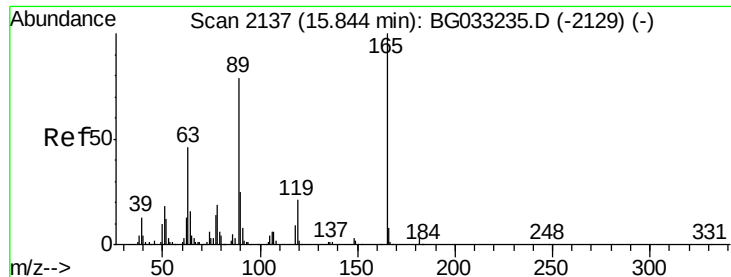
Sohil
4/12/2018 2:35:34 PM



#55
4-Nitrophenol
Concen: 119.753 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.3	62.2	102.2	#
65	122.2	97.2	137.2	





#56

2,4-Dinitrotoluene

Concen: 52.738 ng

RT: 15.81 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

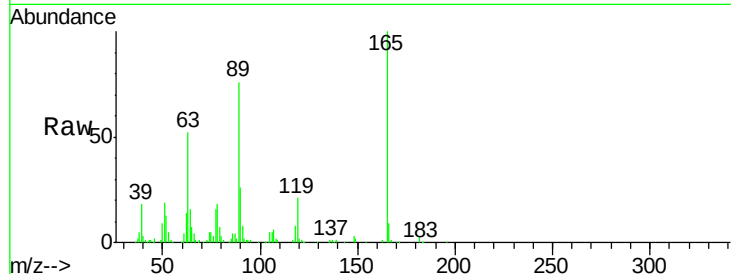
ClientSampleId :

PB108149BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		144886		
63	52.1		42.0	63.0	
89	76.4		66.9	100.3	
182	2.9		2.6	3.8	

Manual Integrations
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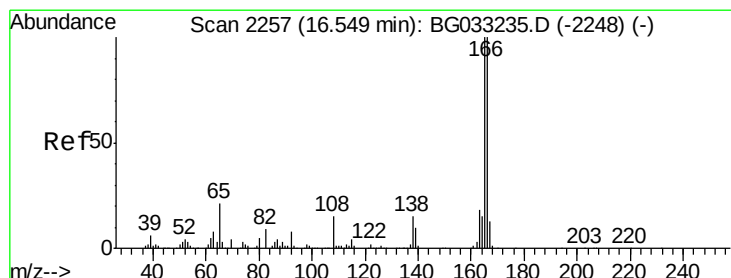
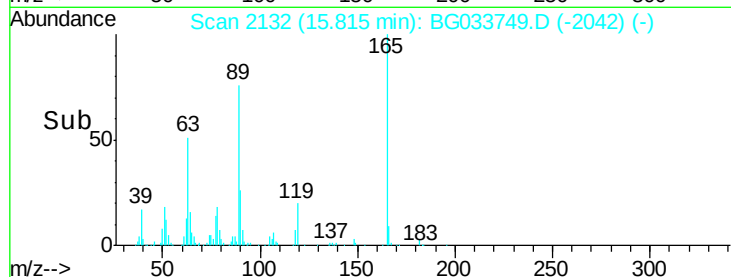
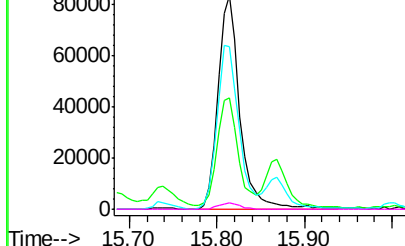


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 50.499 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG033749.D

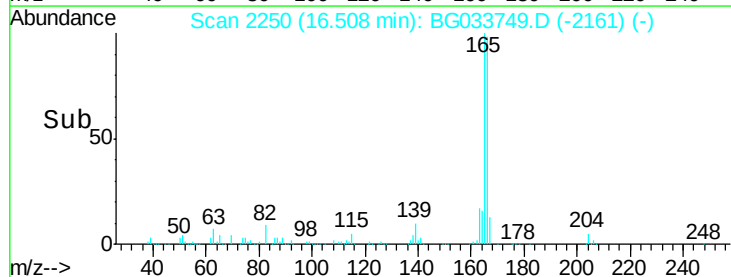
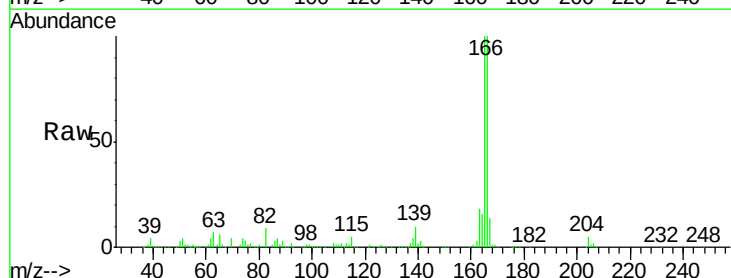
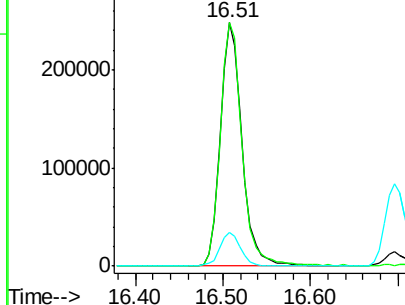
Acq: 11 Apr 2018 17:31

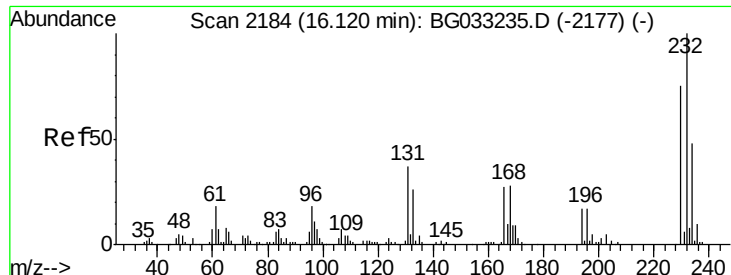
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		424737		
165	100.0		80.6	121.0	
167	13.9		10.4	15.6	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





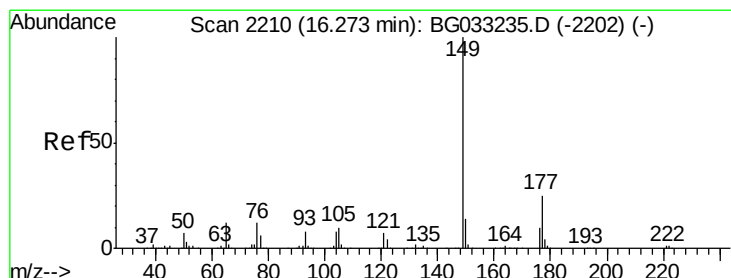
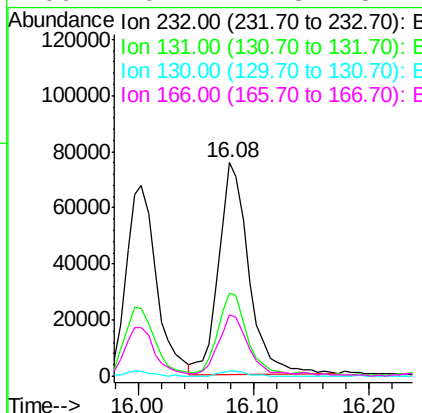
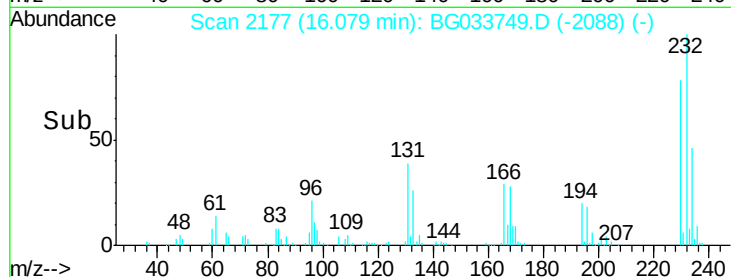
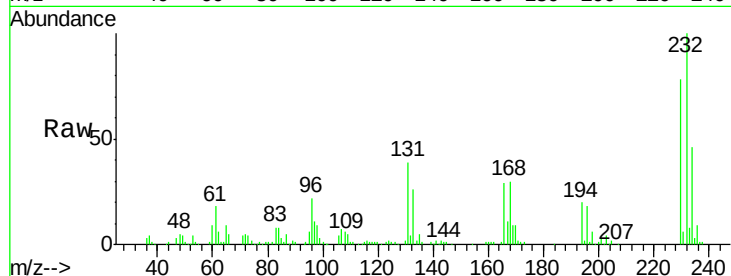
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.540 ng
 RT: 16.08 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	136381		
131	35.7		33.5	50.3
130	2.2		2.2	3.2
166	26.7		24.8	37.2

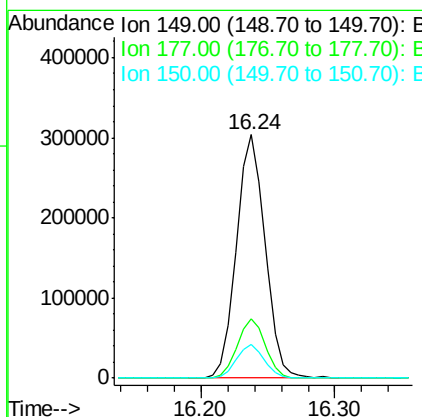
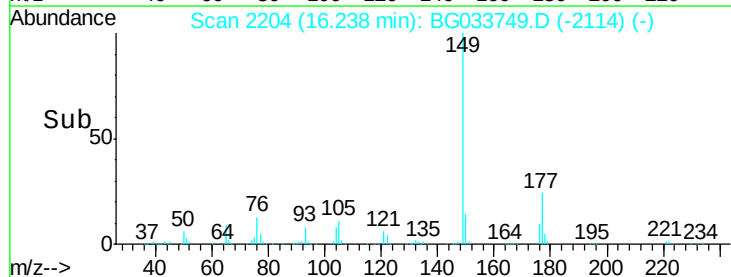
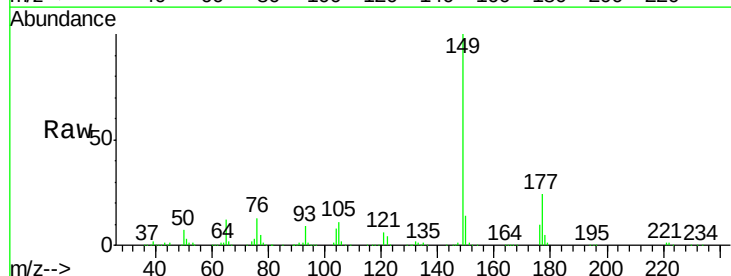
Manual Integrations
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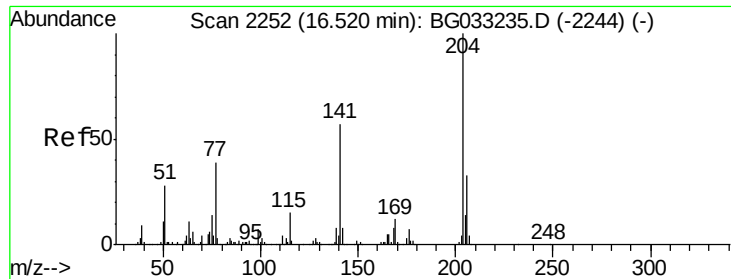
Sohil
 4/12/2018 2:35:34 PM



#59
 Diethylphthalate
 Concen: 50.992 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	451838		
177	24.4		18.5	27.7
150	13.6		10.2	15.2





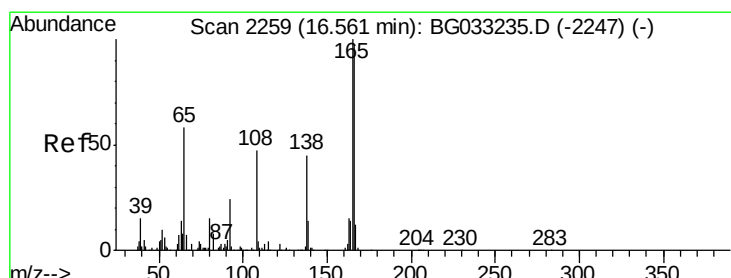
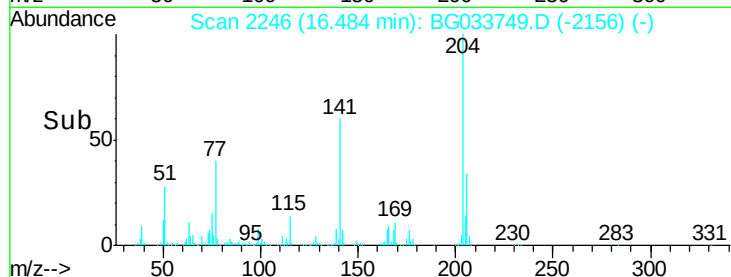
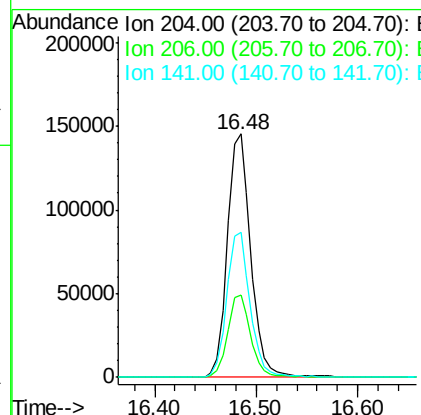
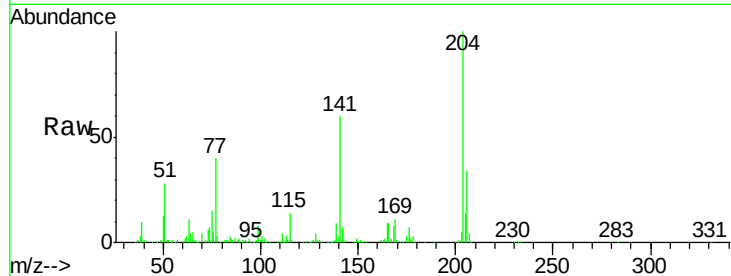
#60
 4-Chlorophenyl-phenylether
 Concen: 48.159 ng
 RT: 16.48 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	232846		
206	33.9	26.2	39.2	
141	59.7	45.8	68.6	

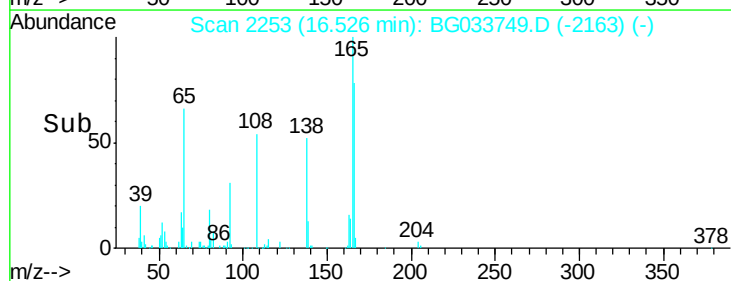
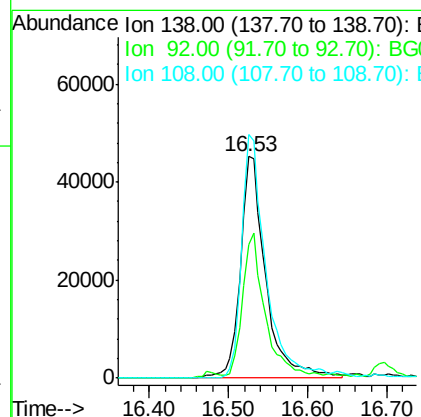
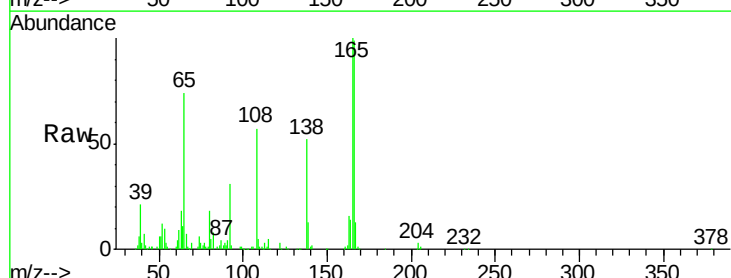
Manual Integrations
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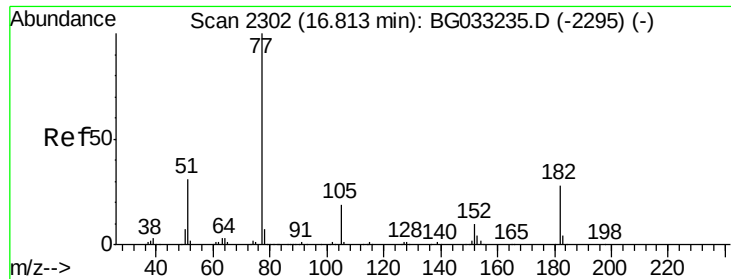
Sohil
 4/12/2018 2:35:34 PM



#61
 4-Nitroaniline
 Concen: 50.688 ng
 RT: 16.53 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	100410		
92	60.1	40.1	80.1	
108	109.8	65.4	105.4	





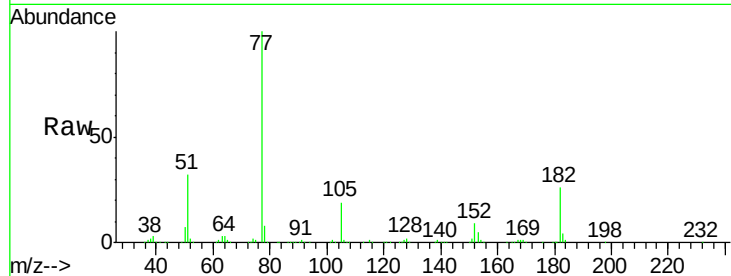
#62
Azobenzene
Concen: 52.726 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

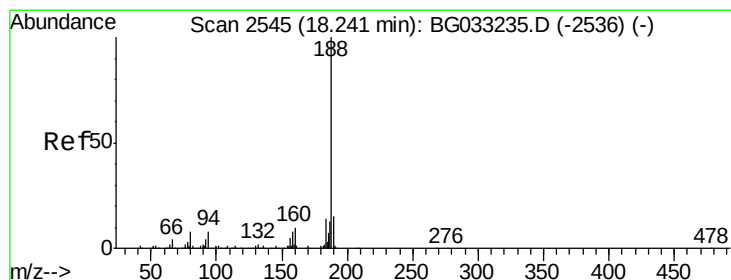
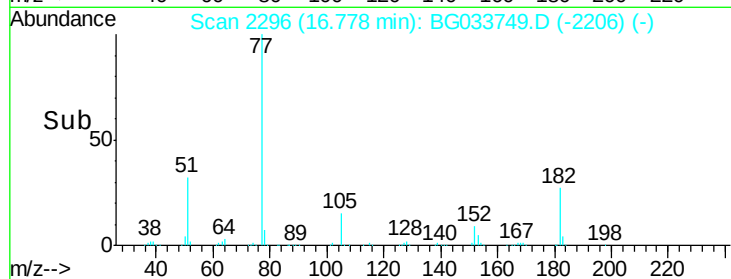
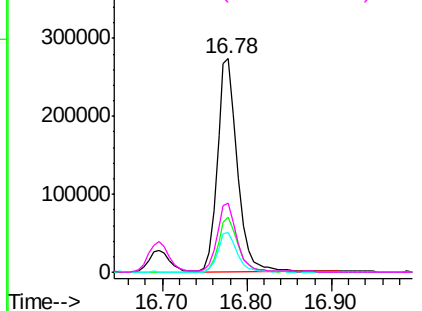
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	7.4	47.4	
105	18.8	0.3	40.3	
51	32.1	11.6	51.6	

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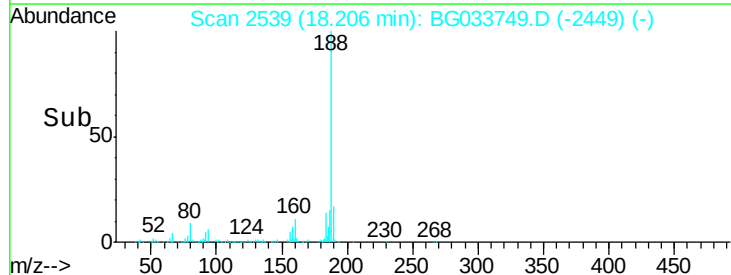
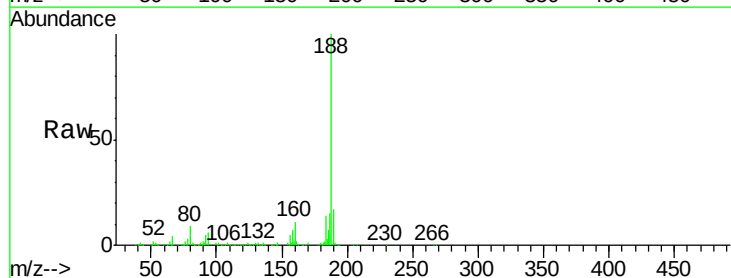
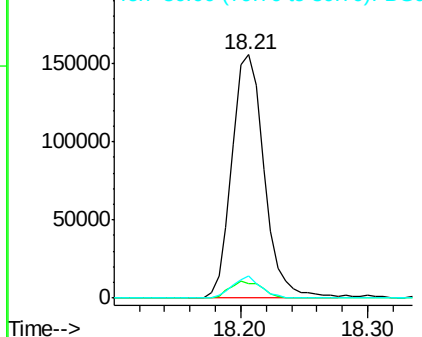
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

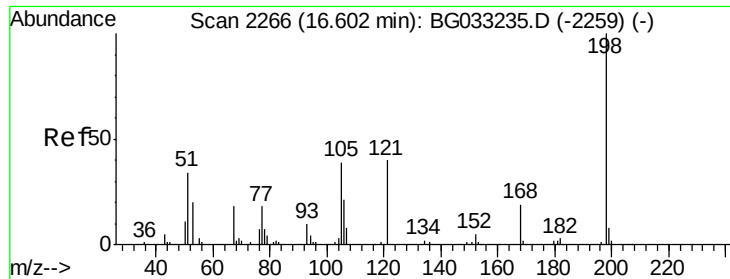


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.2	6.9	10.3#	
80	8.9	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 53.733 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB108149BSD

Tot Ion:198 Resp: 88028

Ion Ratio Lower Upper

198 100

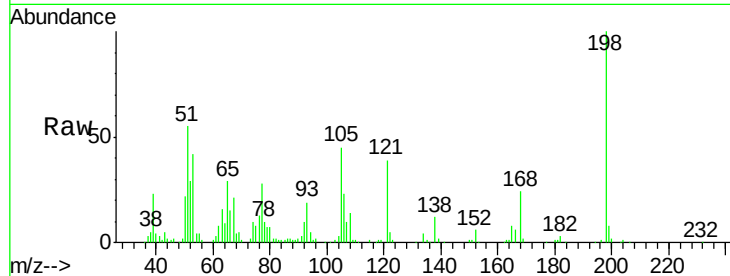
51 54.6 30.6 70.6

105 44.7 23.8 63.8

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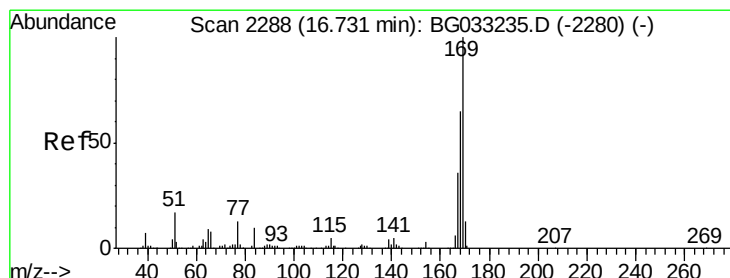
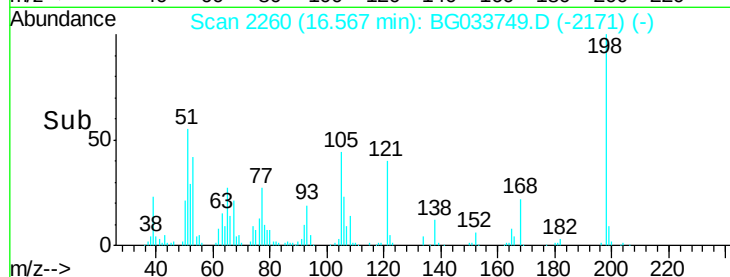
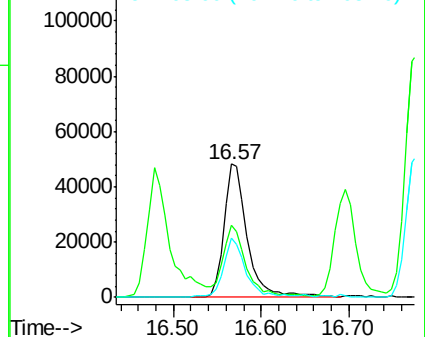
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.006 ng

RT: 16.70 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

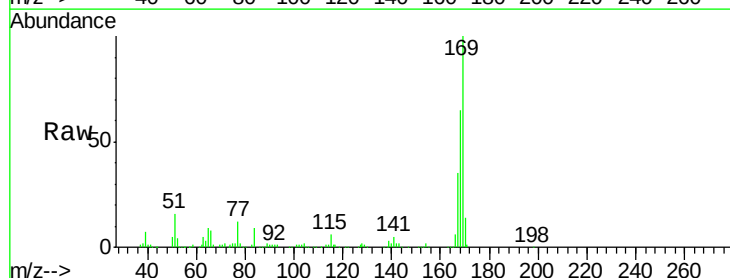
Tgt Ion:169 Resp: 398770

Ion Ratio Lower Upper

169 100

168 64.5 55.7 83.5

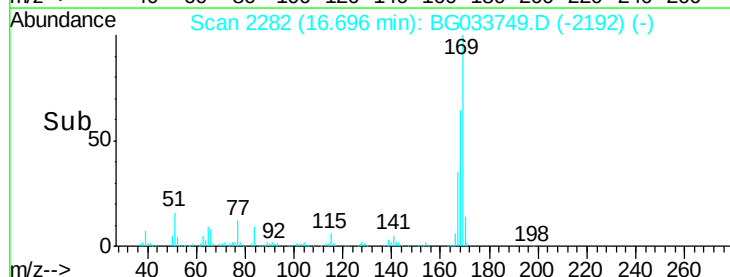
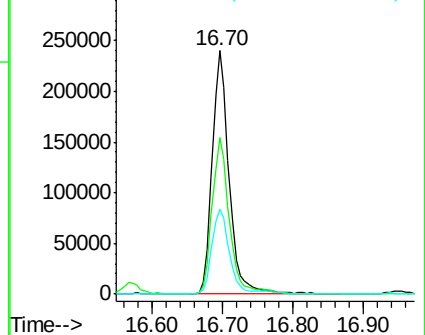
167 34.9 30.1 45.1

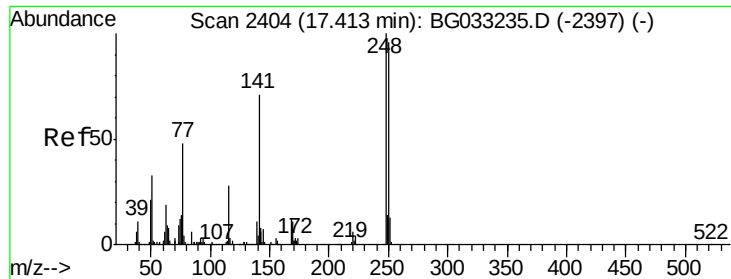


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





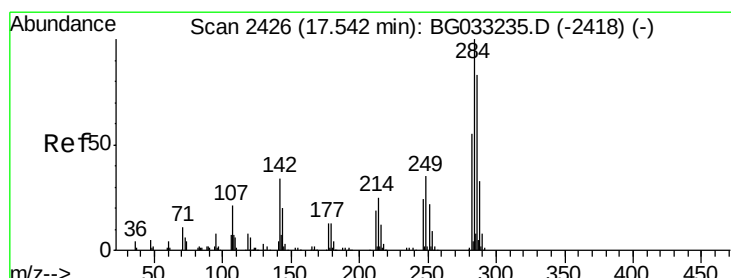
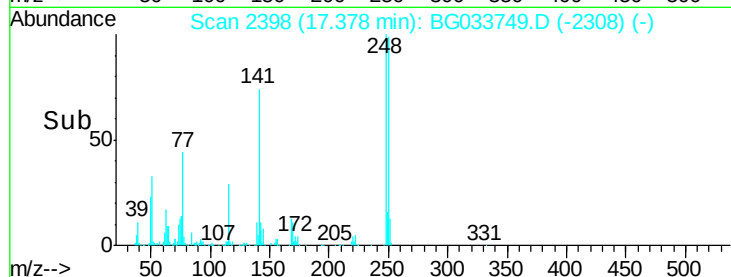
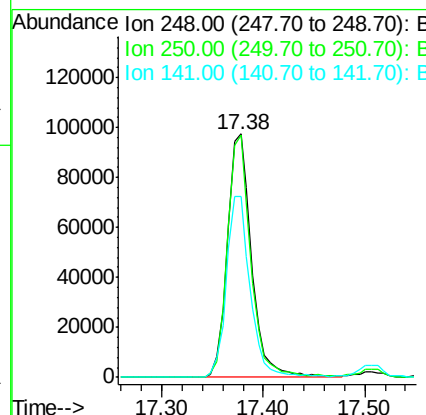
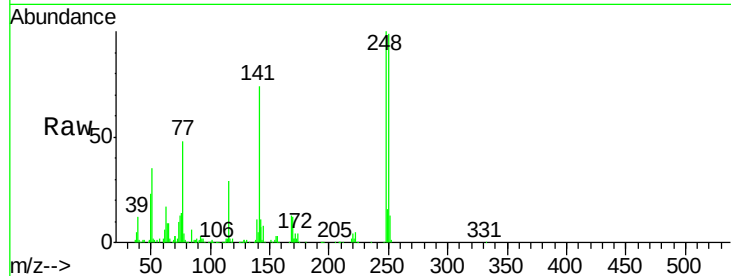
#66
4-Bromophenyl-phenylether
Concen: 50.134 ng
RT: 17.38 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.1	115.7
141	74.2	50.8	76.2

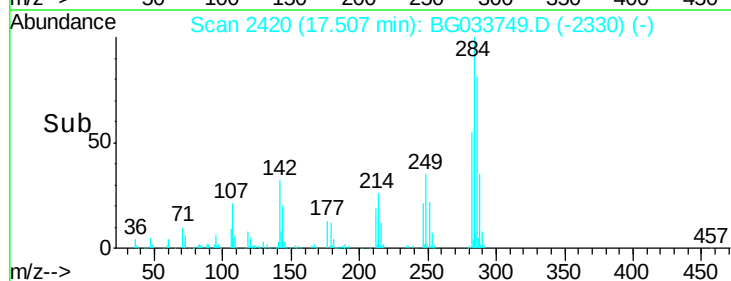
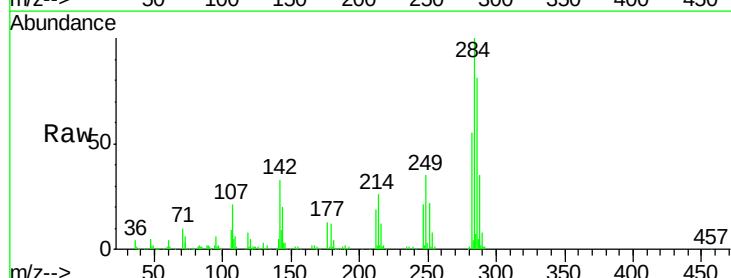
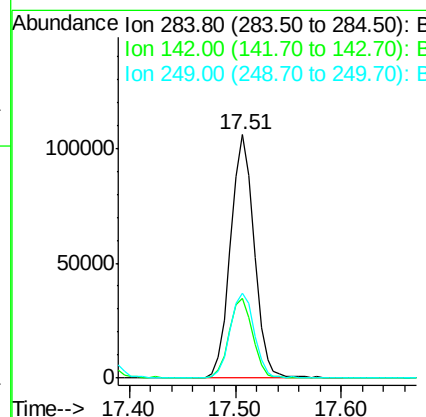
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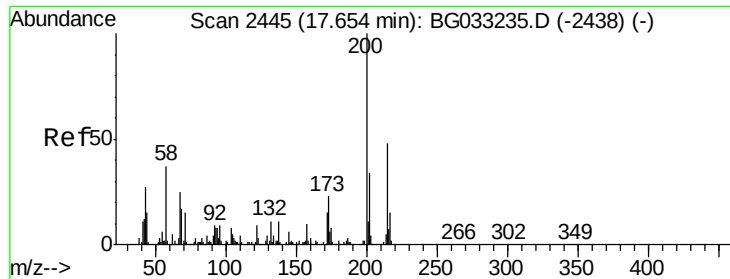
Sohil
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#67
Hexachlorobenzene
Concen: 48.245 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.8	40.2
249	35.0	26.3	39.5





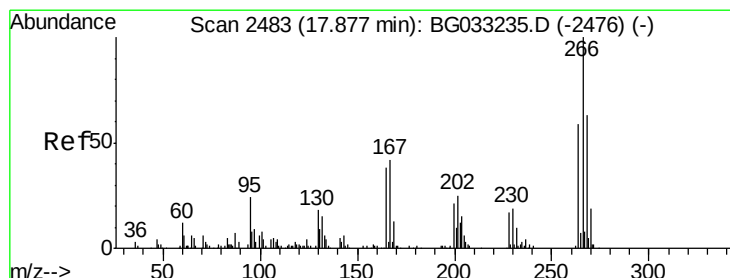
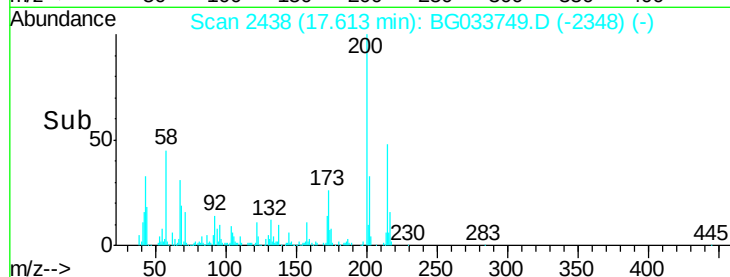
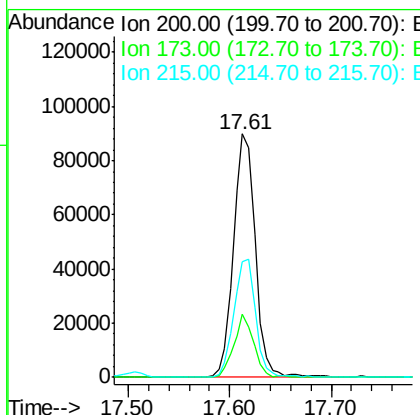
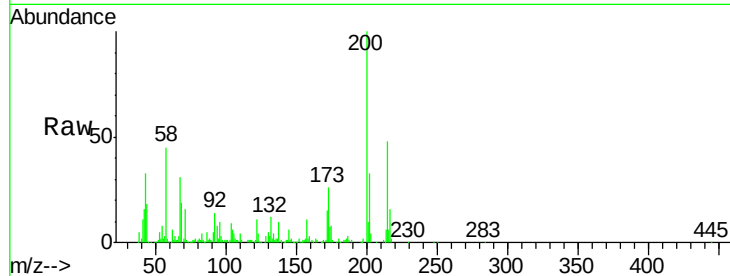
#68
Atrazine
Concen: 42.454 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	134495		
173	25.9	5.2	45.2	
215	47.6	30.4	70.4	

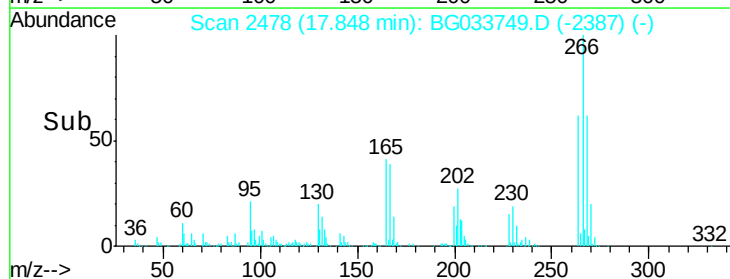
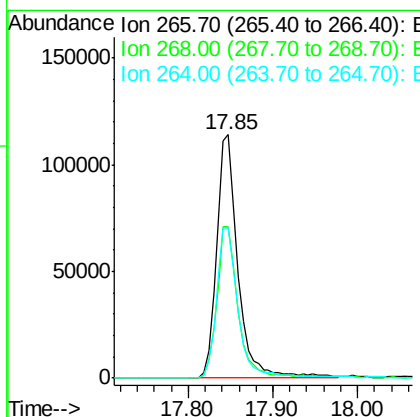
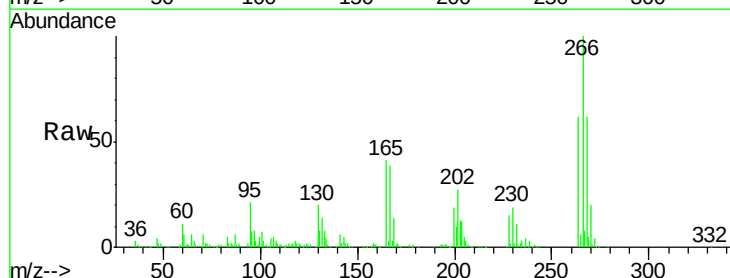
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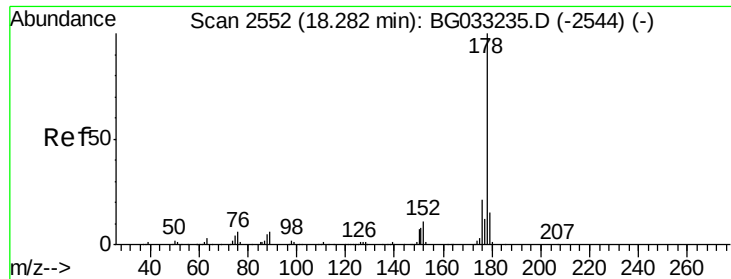
Sohil
4/12/2018 2:35:34 PM



#69
Pentachlorophenol
Concen: 87.416 ng
RT: 17.85 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	203645		
268	62.4	51.1	76.7	
264	61.7	49.6	74.4	





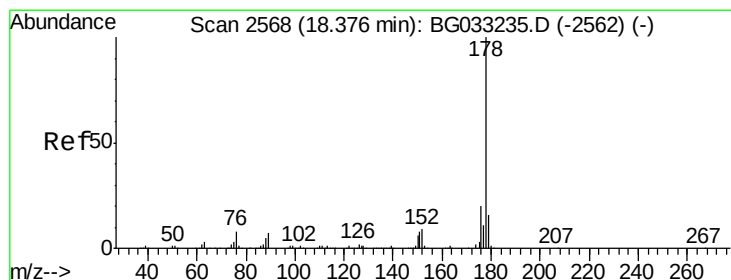
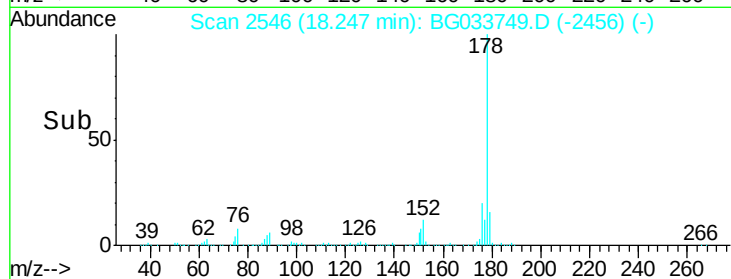
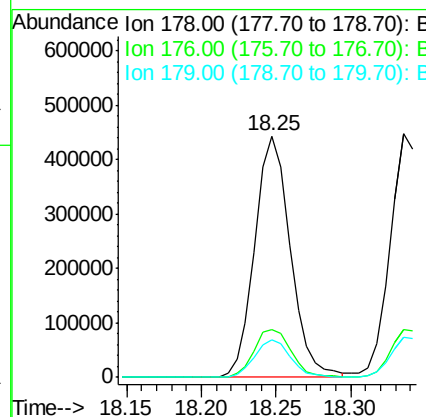
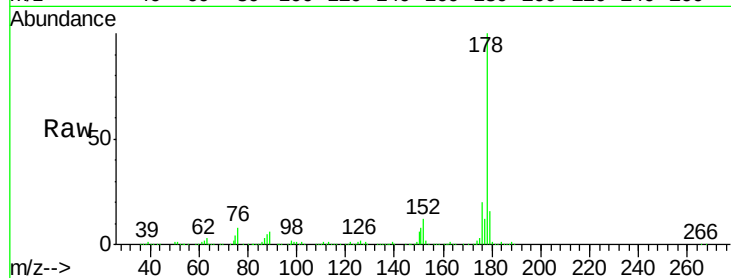
#70
Phenanthrene
Concen: 51.293 ng
RT: 18.25 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.7	12.5	18.7

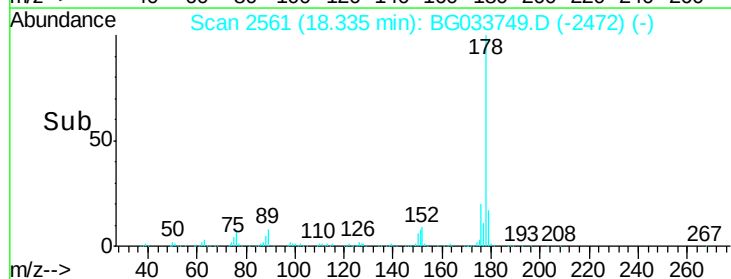
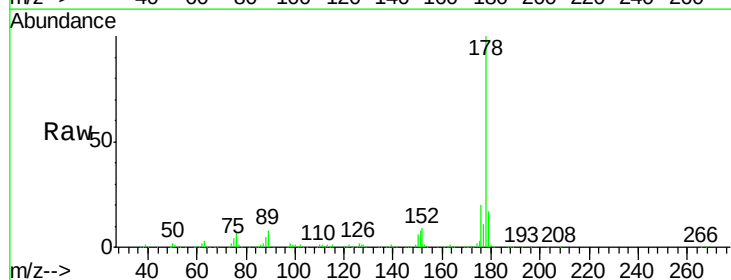
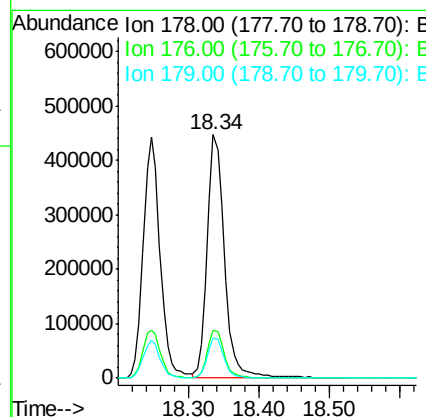
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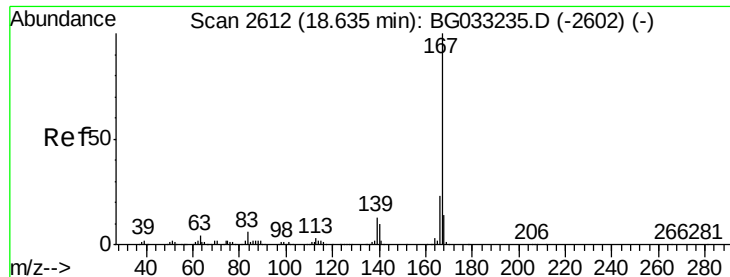
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#71
Anthracene
Concen: 53.091 ng
RT: 18.34 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.6	12.5	18.7





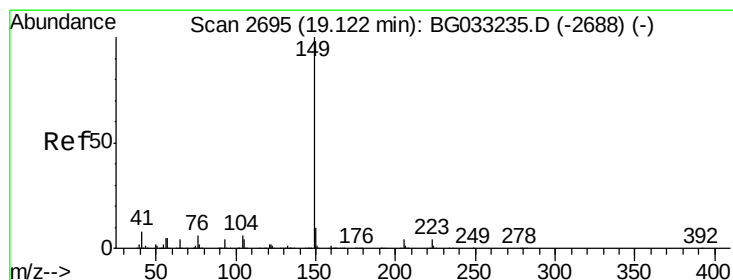
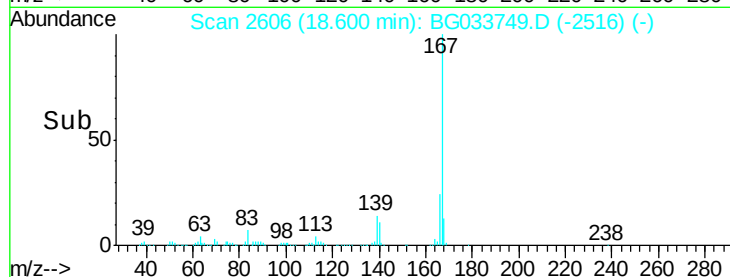
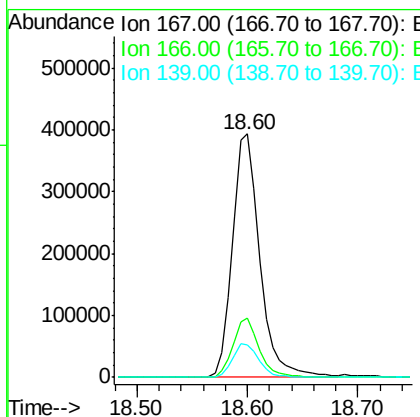
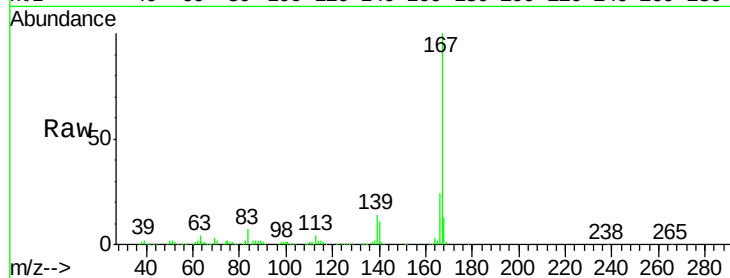
#72
 Carbazole
 Concen: 53.724 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.2	27.4
139	13.5	9.4	14.2

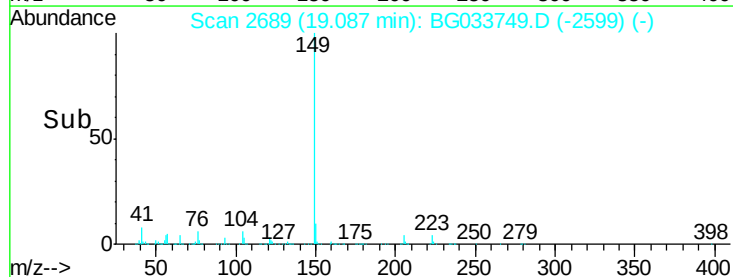
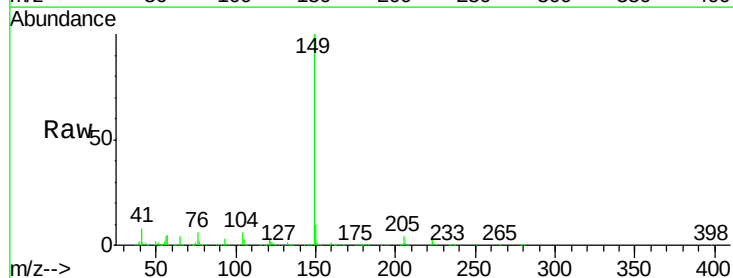
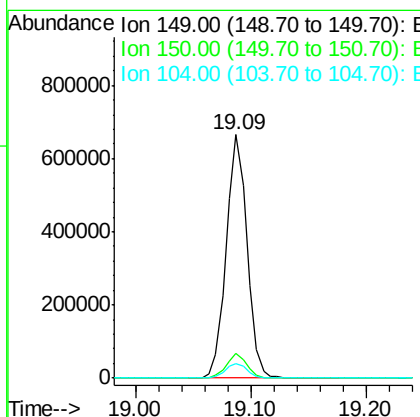
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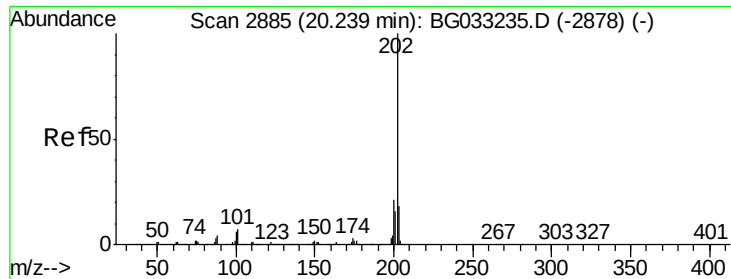
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#73
 Di-n-butylphthalate
 Concen: 55.867 ng
 RT: 19.09 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

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





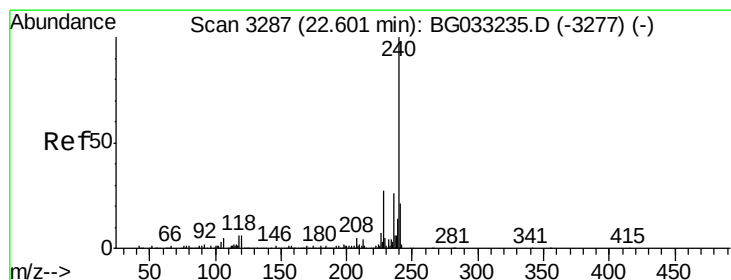
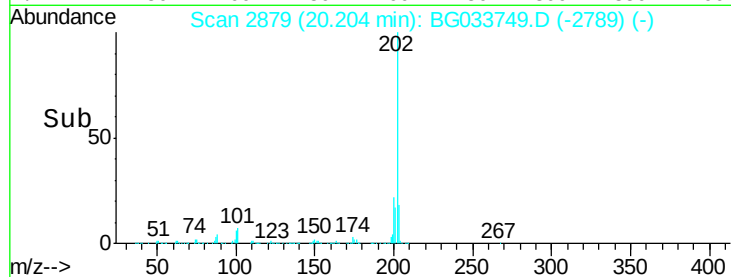
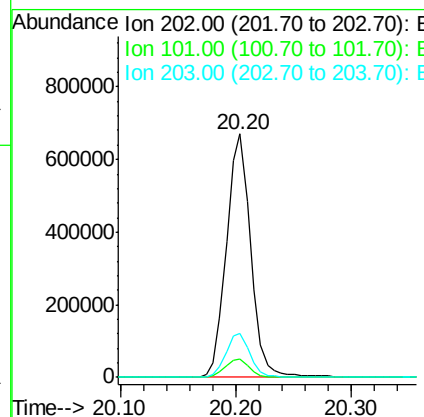
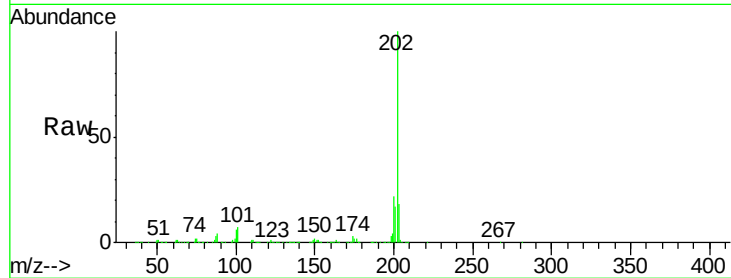
#74
Fluoranthene
Concen: 55.277 ng
RT: 20.20 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	0.0	28.9
203	18.2	0.0	37.5

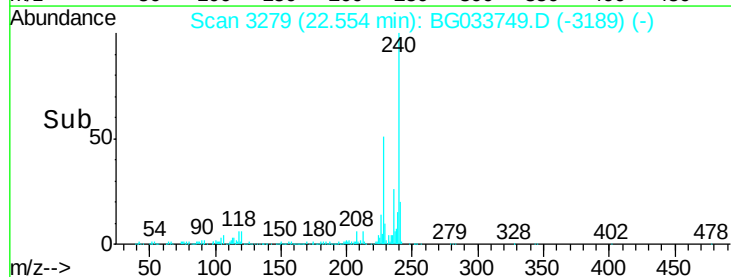
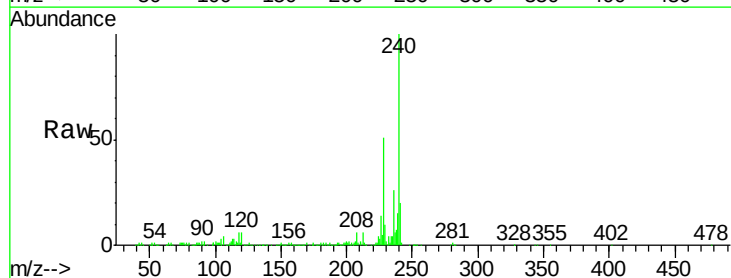
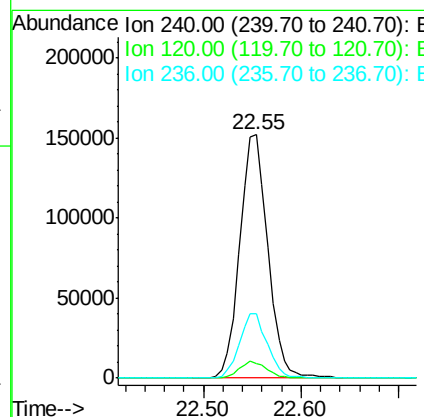
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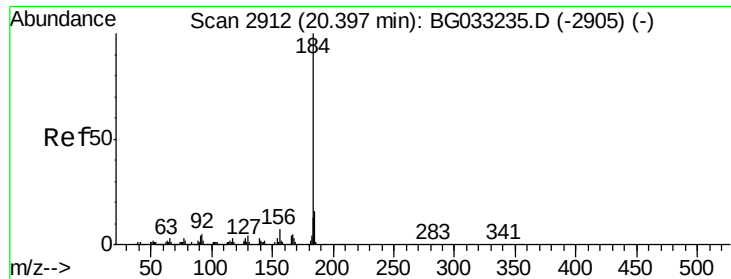
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.5	20.9	31.3





#76

Benzidine

Concen: 14.346 ng

RT: 20.36 min Scan# 2906

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

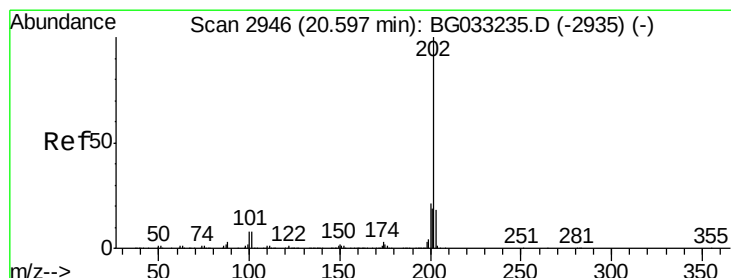
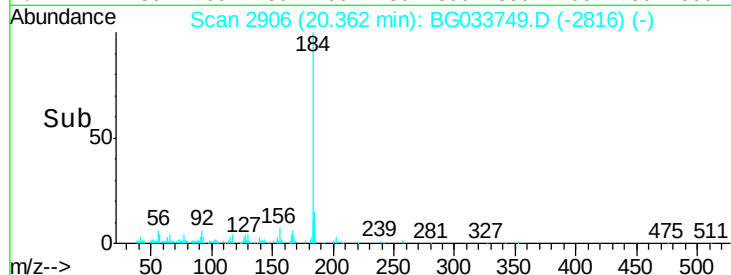
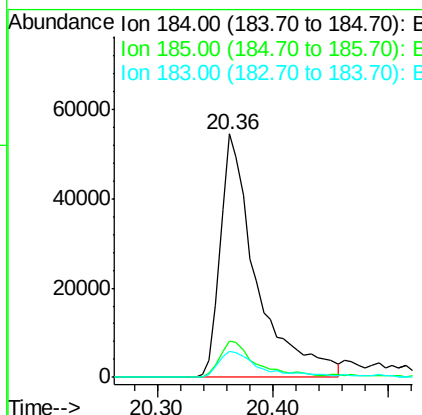
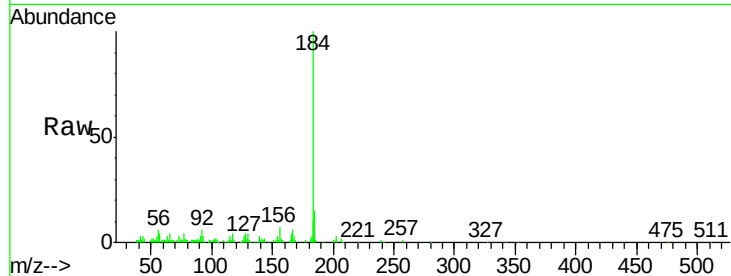
ClientSampleId :

PB108149BSD

Tot Ion:	184	Resp:	118198
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.1	16.7
183	10.9	10.6	16.0

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#77

Pyrene

Concen: 49.738 ng

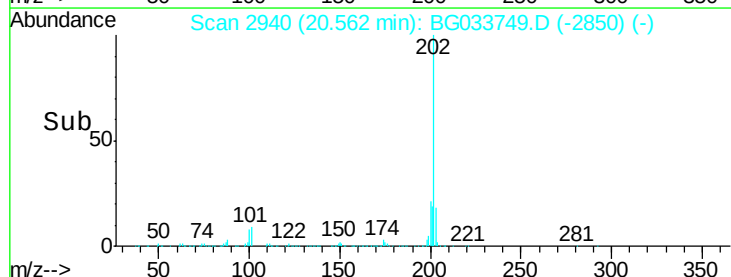
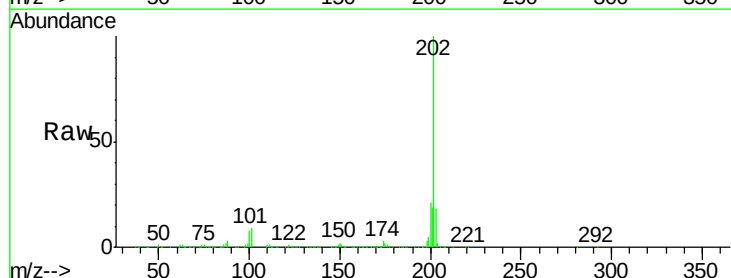
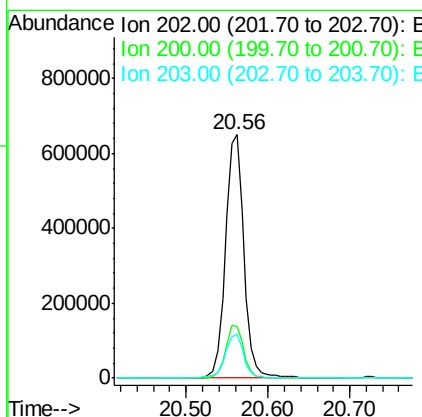
RT: 20.56 min Scan# 2940

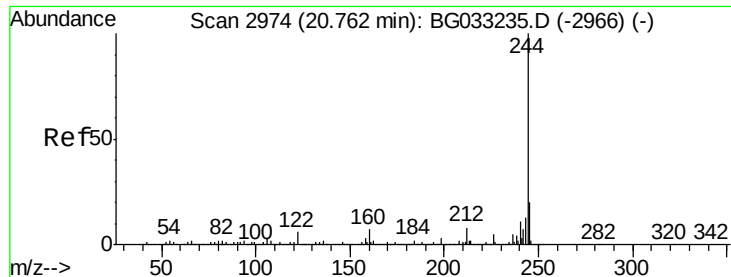
Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:	202	Resp:	1007846
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	18.0	13.9	20.9





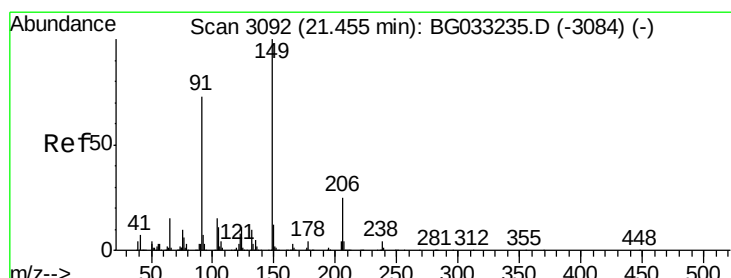
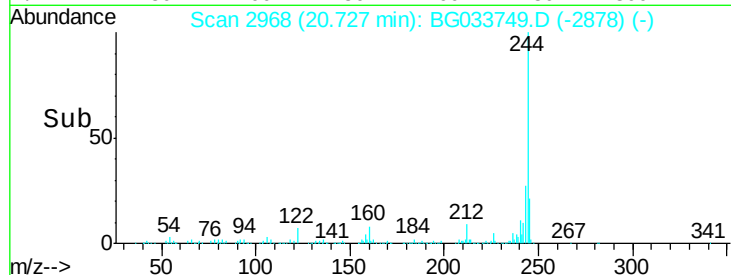
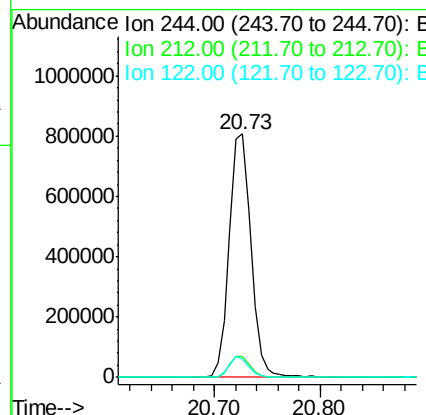
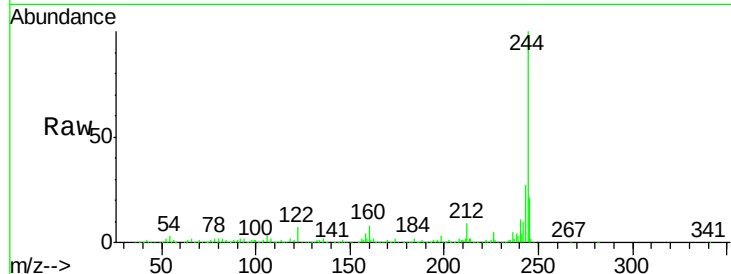
#78
 Terphenyl-d14
 Concen: 81.305 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleID :
 PB108149BSD

Tot Ion:244 Resp: 1155059
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.8
 122 7.3 7.0 10.4

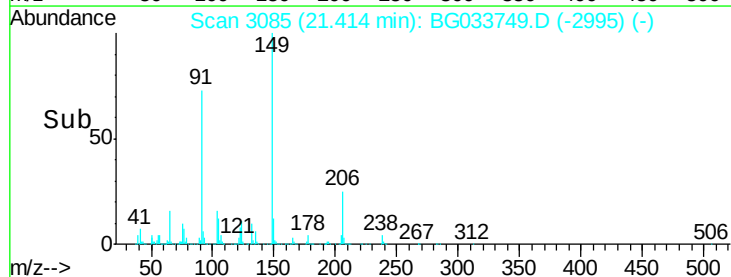
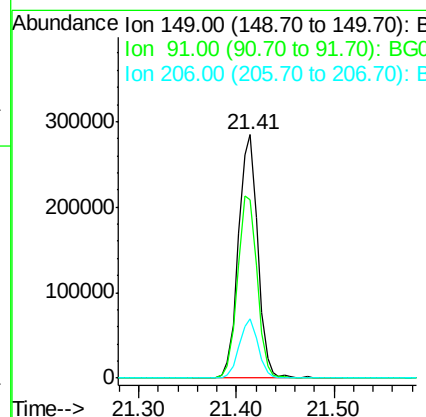
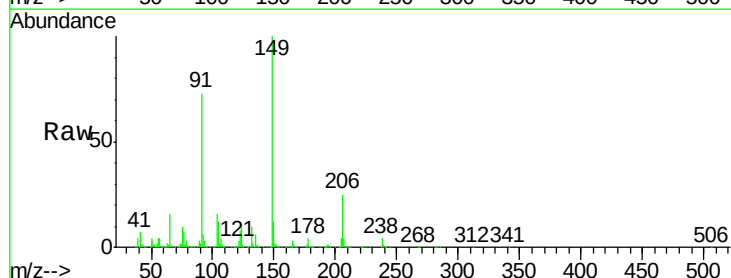
Manual Integrations
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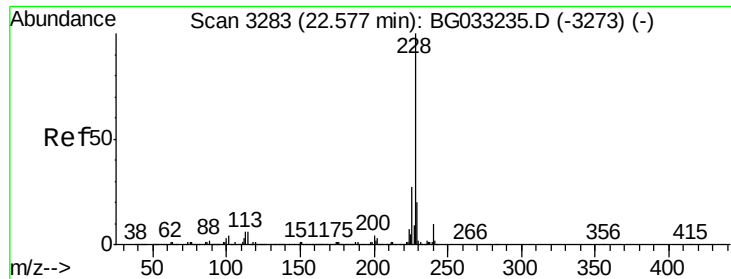
Sohil
 4/12/2018 2:35:34 PM



#79
 Butylbenzylphthalate
 Concen: 52.221 ng
 RT: 21.41 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BG033749.D
 Acq: 11 Apr 2018 17:31

Tgt Ion:149 Resp: 390486
 Ion Ratio Lower Upper
 149 100
 91 73.3 62.2 93.2
 206 24.6 18.6 27.8





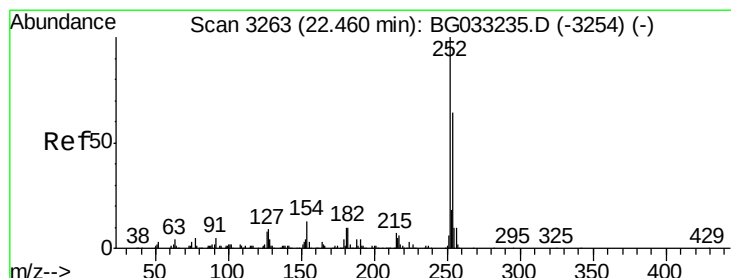
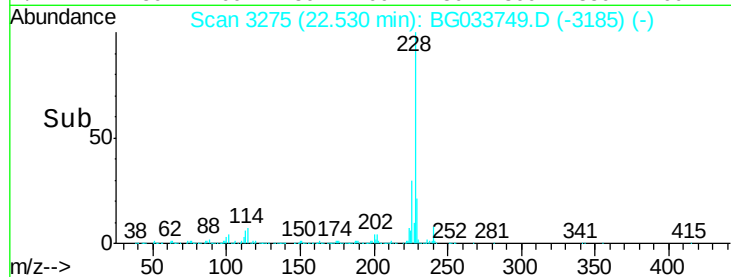
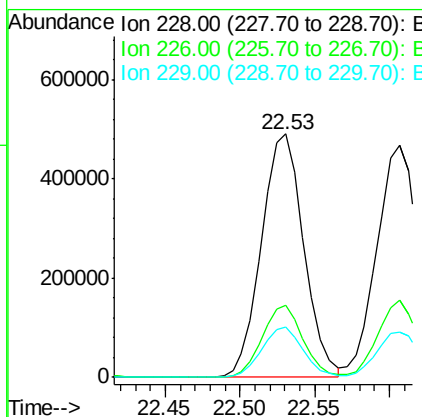
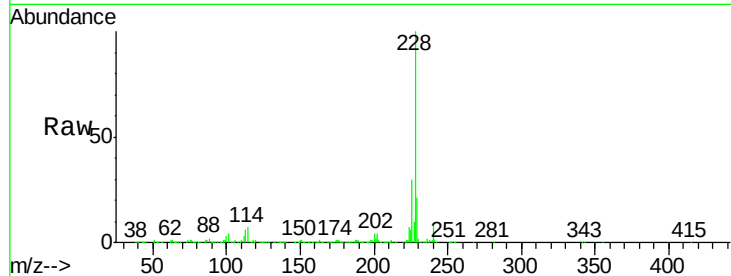
#80
Benzo(a)anthracene
Concen: 49.917 ng
RT: 22.53 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	20.8	16.2	24.2

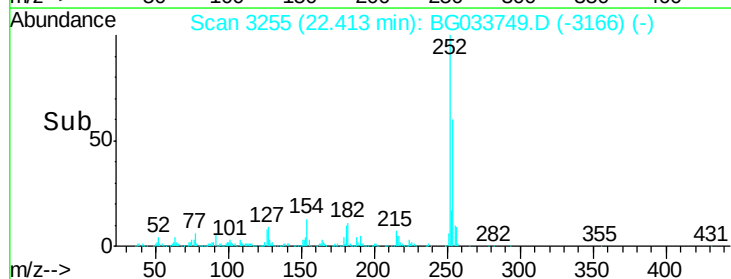
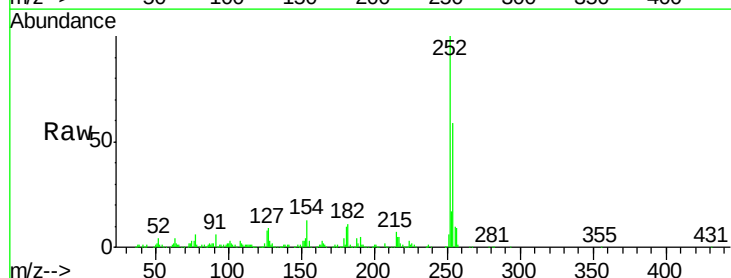
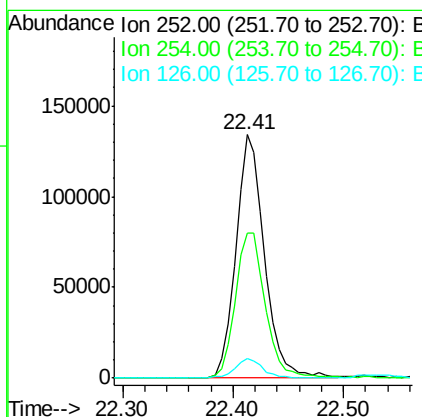
Manual Integrations
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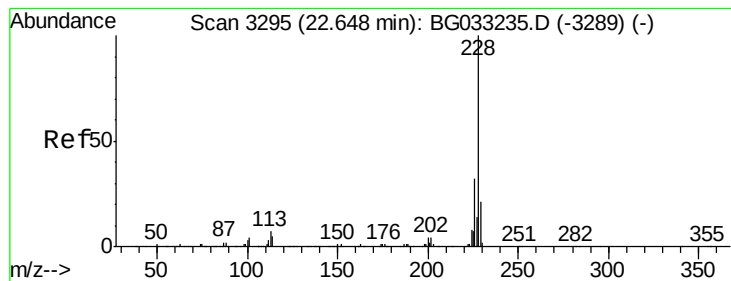
Sohil
4/12/2018 2:35:34 PM



#81
3,3'-Dichlorobenzidine
Concen: 35.371 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.4	50.8	76.2
126	8.0	7.4	11.2





#82

Chrysene

Concen: 50.003 ng

RT: 22.61 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Instrument :

BNA_G

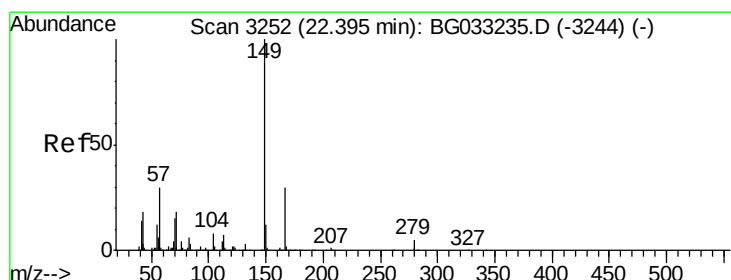
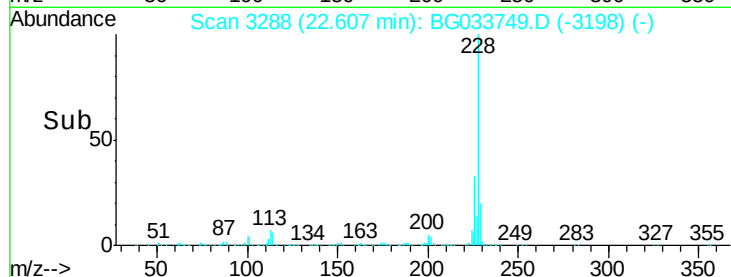
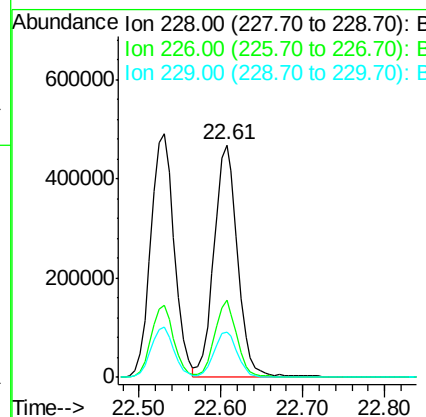
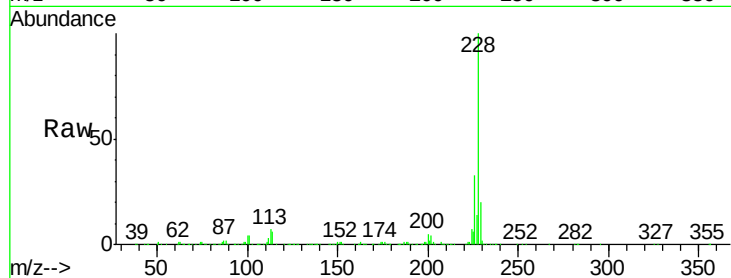
ClientSampleId :

PB108149BSD

Tot Ion:	228	Resp:	936399
Ion Ratio	Lower	Upper	
228	100		
226	33.2	24.9	37.3
229	19.6	15.0	22.4

Manual Integrations
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Sohil
4/12/2018 2:35:34 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.337 ng

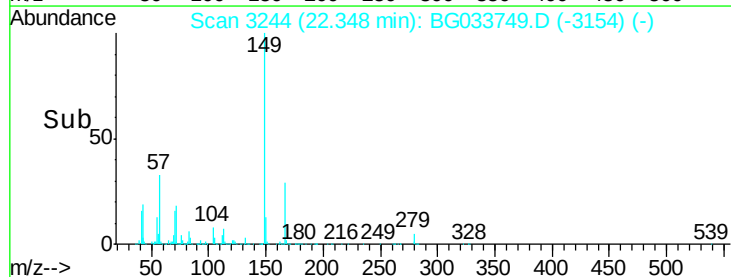
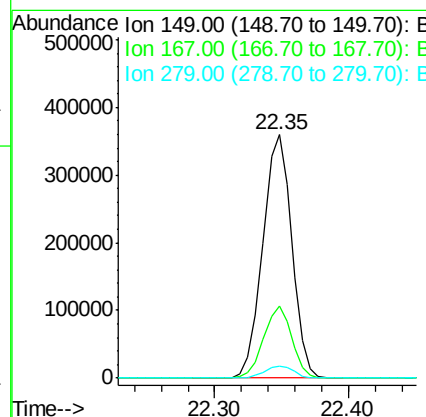
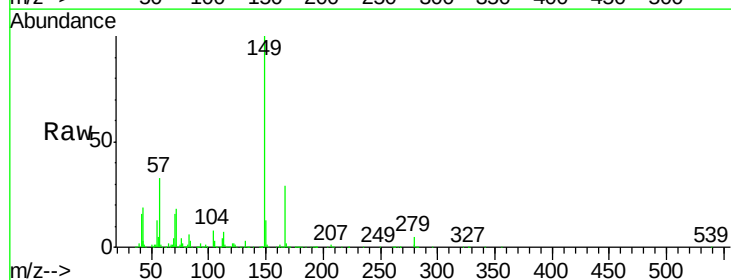
RT: 22.35 min Scan# 3244

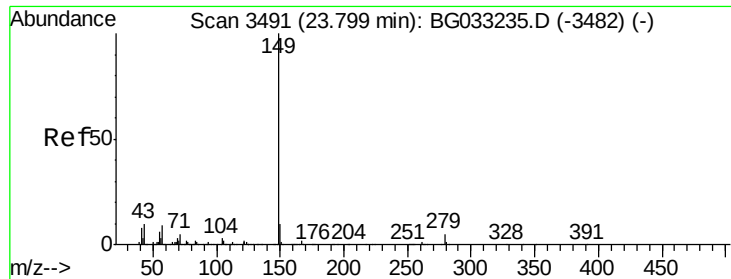
Delta R.T. 0.00 min

Lab File: BG033749.D

Acq: 11 Apr 2018 17:31

Tgt Ion:	149	Resp:	539480
Ion Ratio	Lower	Upper	
149	100		
167	29.4	24.3	36.5
279	5.1	4.0	6.0





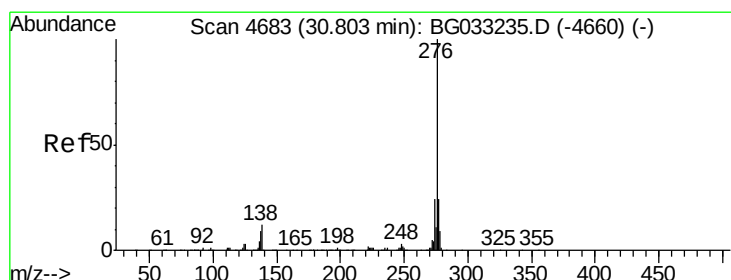
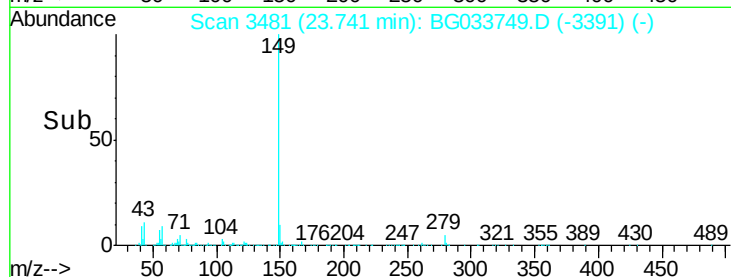
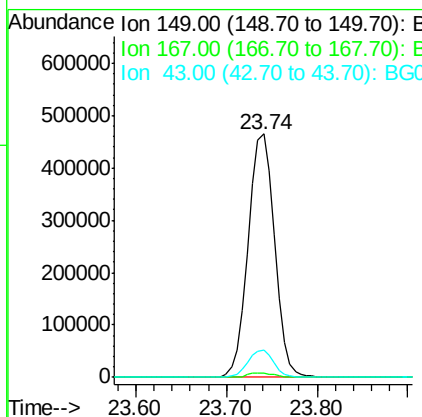
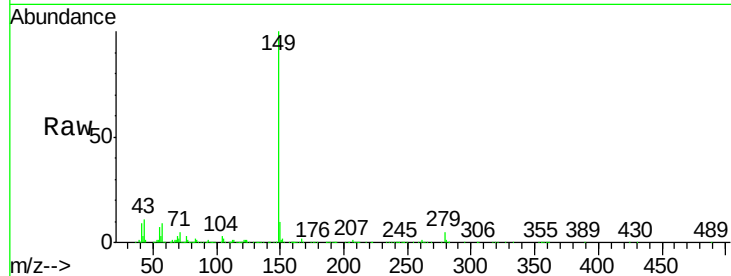
#84
Di-n-octyl phthalate
Concen: 59.510 ng
RT: 23.74 min Scan# 3481
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.2	8.9	13.3

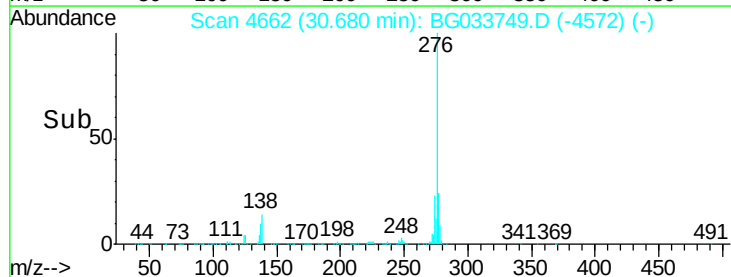
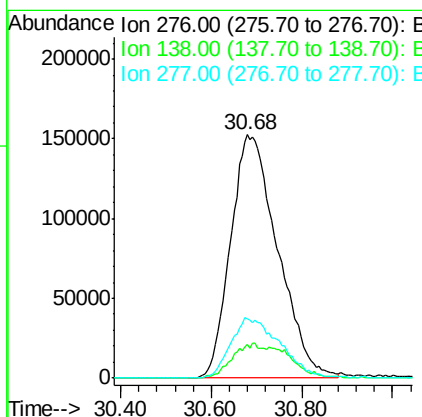
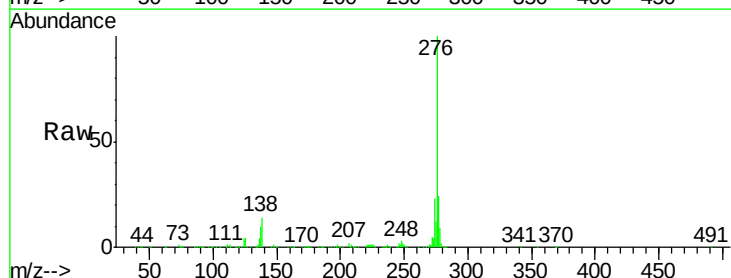
Manual Integrations
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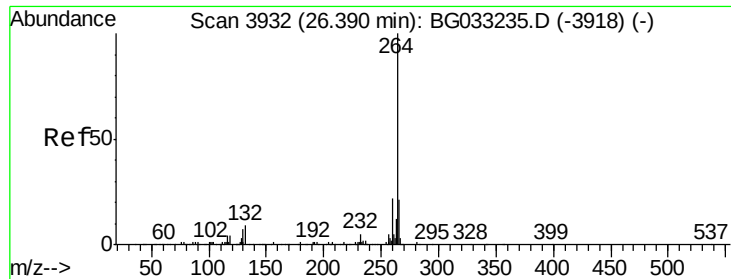
Sohil
4/12/2018 2:35:34 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 54.219 ng
RT: 30.68 min Scan# 4662
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.5	16.0	24.0#
277	25.8	20.0	30.0





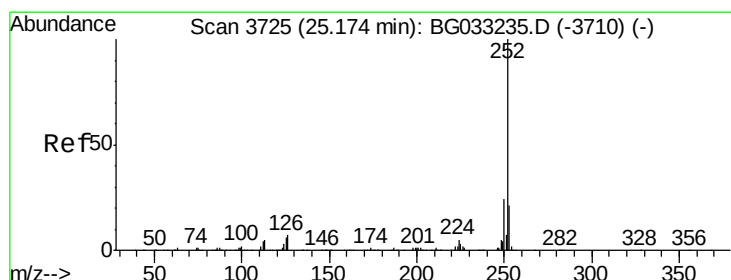
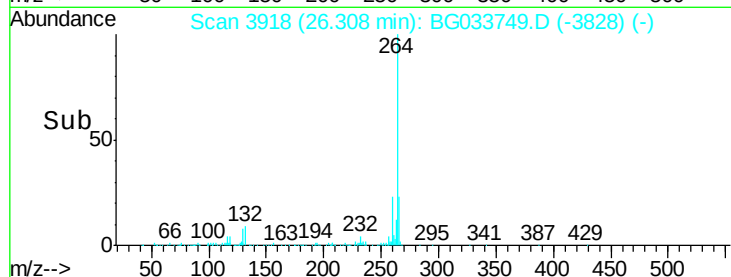
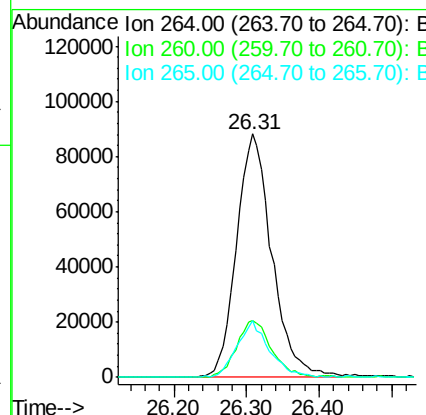
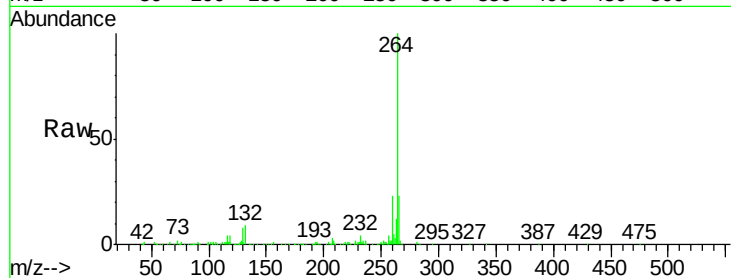
#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	23.1	17.7	26.5

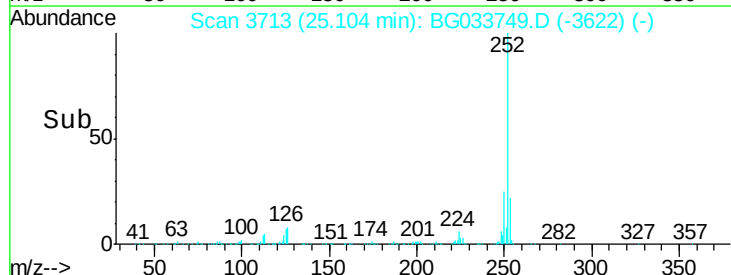
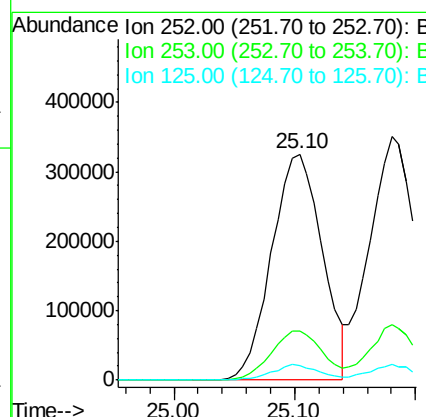
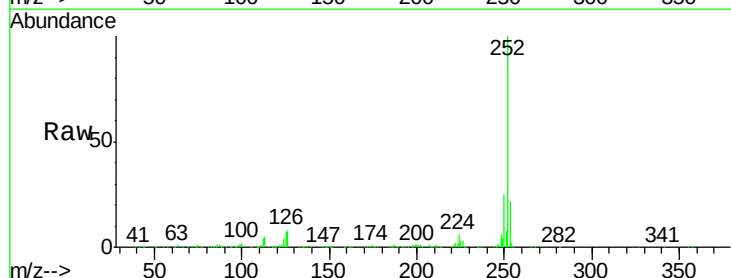
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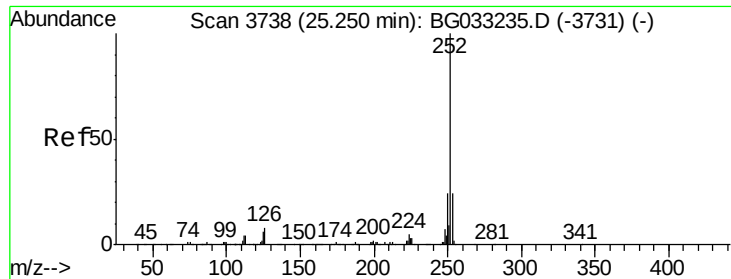
Sohil
4/12/2018 2:35:34 PM



#87
Benzo(b)fluoranthene
Concen: 54.838 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	6.6	7.2	10.8





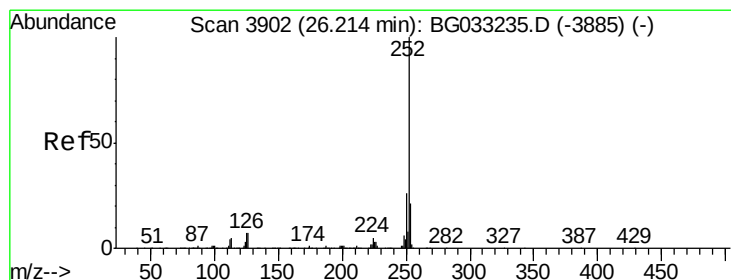
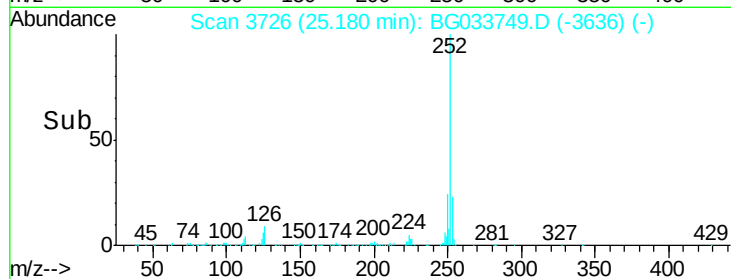
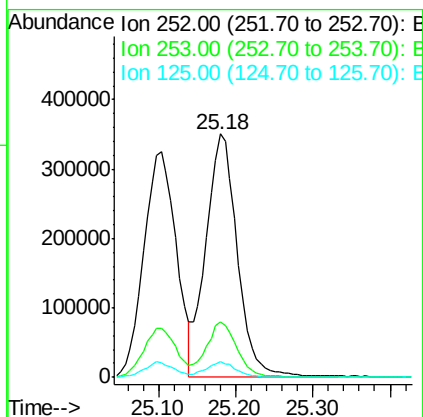
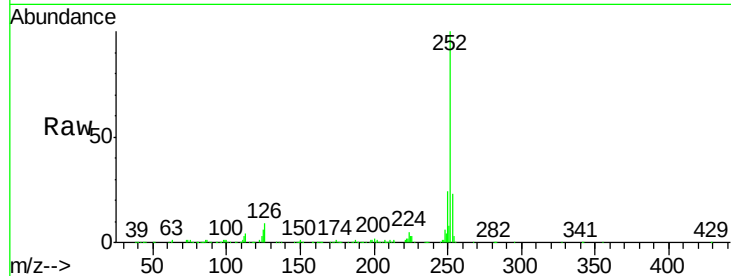
#88
Benzo(k)fluoranthene
Concen: 56.405 ng m
RT: 25.18 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	6.4	6.6	9.8#

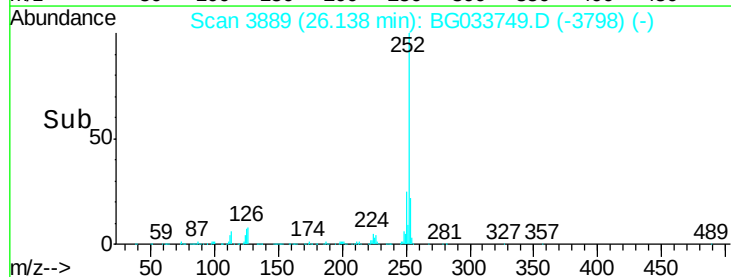
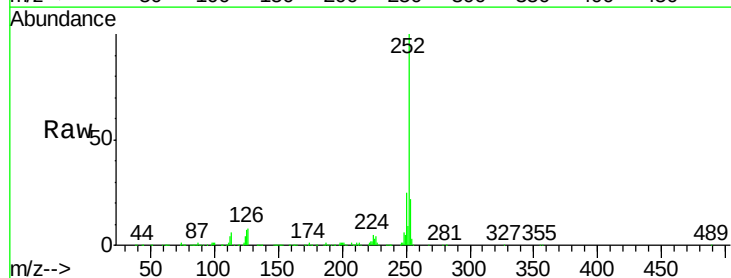
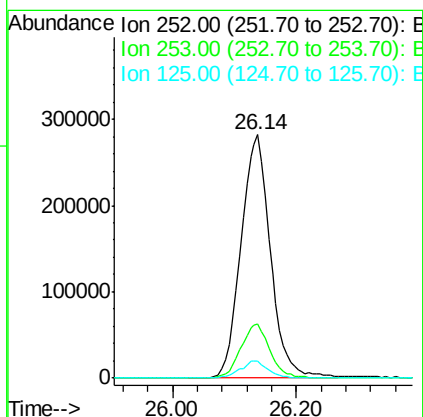
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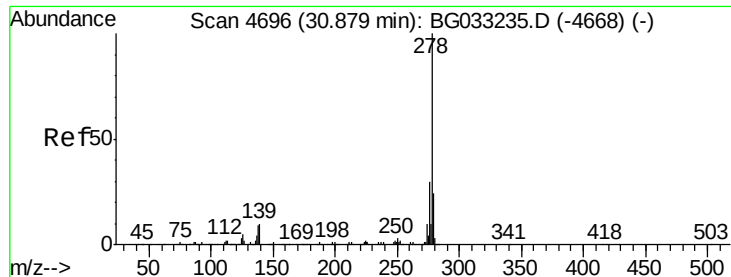
Sohil
4/12/2018 2:35:34 PM



#89
Benzo(a)pyrene
Concen: 56.403 ng
RT: 26.14 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.9	7.3	10.9#





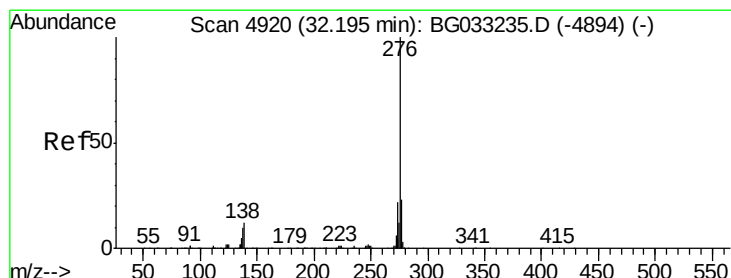
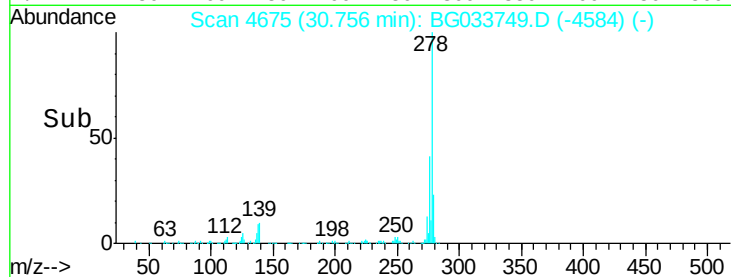
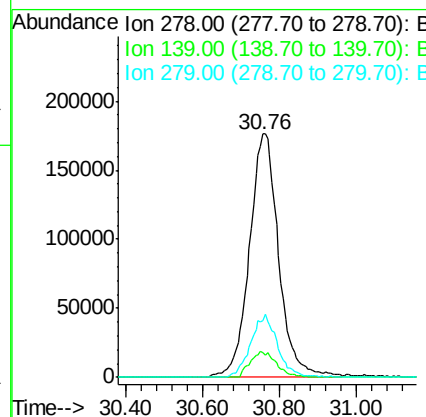
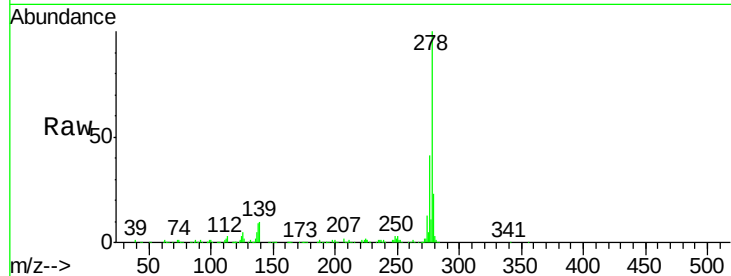
#90
Dibenzo(a,h)anthracene
Concen: 59.797 ng
RT: 30.76 min Scan# 4675
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB108149BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.8	14.6
279	23.4	18.4	27.6

Manual Integrations
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4/12/2018 2:35:34 PM



#91
Benzo(g,h,i)perylene
Concen: 59.092 ng
RT: 32.07 min Scan# 4898
Delta R.T. 0.01 min
Lab File: BG033749.D
Acq: 11 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.2	13.9	20.9

