

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033748.D
 Acq On : 11 Apr 2018 16:54
 Operator : SJ/JU
 Sample : PB108149BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:35:32 PM

Quant Time: Apr 12 01:43:16 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	33372	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	145005	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	111817	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	296213	20.00	ng	0.00
75) Chrysene-d12	22.55	240	322060	20.00	ng	0.00
86) Perylene-d12	26.31	264	313102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	181494	101.98	ng	0.00
7) Phenol-d6	7.97	99	289887	94.80	ng	0.00
23) Nitrobenzene-d5	10.06	82	274403	86.94	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	138444	82.78	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	656022	84.70	ng	0.00
78) Terphenyl-d14	20.73	244	1211101	80.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	36148	39.995	ng	89
3) Pyridine	4.38	79	100245	40.123	ng	96
4) n-Nitrosodimethylamine	4.29	42	56503	55.108	ng	# 83
6) Aniline	8.15	93	100323	27.898	ng	# 92
8) 2-Chlorophenol	8.40	128	113028	55.553	ng	96
10) Phenol	7.99	94	170479	56.466	ng	94
11) bis(2-Chloroethyl)ether	8.24	93	97606	39.608	ng	99
12) 1,3-Dichlorobenzene	8.74	146	111247	41.822	ng	# 91
13) 1,4-Dichlorobenzene	8.89	146	113696	42.679	ng	95
14) 1,2-Dichlorobenzene	9.22	146	117676	45.259	ng	93
15) Benzyl Alcohol	9.09	79	131380	54.569	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	206818	51.481	ng	90
17) 2-Methylphenol	9.29	107	104331	50.727	ng	# 89
18) Hexachloroethane	9.97	117	47686	46.379	ng	94
19) n-Nitroso-di-n-propylamine	9.66	70	106696	47.616	ng	94
20) 3+4-Methylphenols	9.63	107	151618	51.776	ng	89
22) Acetophenone	9.70	105	184543	46.453	ng	# 94
24) Nitrobenzene	10.10	77	157542	46.635	ng	94
25) Isophorone	10.61	82	314275	51.306	ng	100
26) 2-Nitrophenol	10.83	139	68153	53.287	ng	# 91
27) 2,4-Dimethylphenol	10.86	122	117989	63.504	ng	91
28) bis(2-Chloroethoxy)methane	11.10	93	160135	52.395	ng	100
29) 2,4-Dichlorophenol	11.37	162	128450	56.216	ng	97
30) 1,2,4-Trichlorobenzene	11.59	180	136712	46.052	ng	96
31) Naphthalene	11.79	128	371031	49.377	ng	98
32) Benzoic acid	11.00	122	52164	30.202	ng	# 86
33) 4-Chloroaniline	11.89	127	49955	14.839	ng	94
34) Hexachlorobutadiene	12.05	225	97277	43.331	ng	95
35) Caprolactam	12.63	113	47511	53.076	ng	93
36) 4-Chloro-3-methylphenol	12.95	107	163167	54.751	ng	92
37) 2-Methylnaphthalene	13.34	142	278303	47.718	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	176305	43.529	ng	99
40) Hexachlorocyclopentadiene	13.66	237	184213	77.583	ng	93
42) 2,4,6-Trichlorophenol	13.92	196	117677	50.006	ng	97

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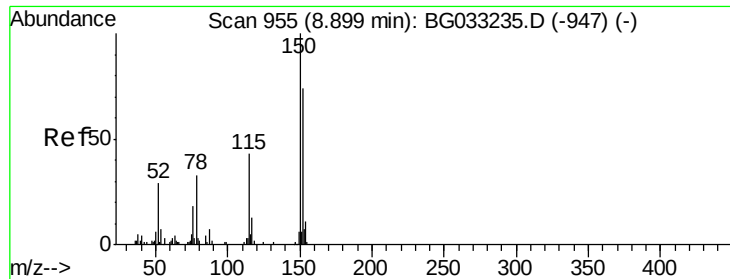
Manual Integrations
 APPROVED

Sohil
 4/12/2018 2:35:32 PM

Quant Time: Apr 12 01:43:16 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)
43) 2,4,5-Trichlorophenol	14.00	196	137280	49.354	nq	96
45) 1,1'-Biphenyl	14.32	154	377840	43.983	nq	96
46) 2-Chloronaphthalene	14.37	162	300926	45.431	nq	95
47) 2-Nitroaniline	14.56	65	131690	53.080	nq	88
48) Acenaphthylene	15.20	152	499012	45.133	nq	99
49) Dimethylphthalate	14.90	163	449005	46.141	nq	99
50) 2,6-Dinitrotoluene	15.03	165	100277	50.397	nq	96
51) Acenaphthene	15.54	154	384876	53.999	nq	97
52) 3-Nitroaniline	15.38	138	63468	30.425	nq #	91
53) 2,4-Dinitrophenol	15.57	184	113437	107.215	nq #	74
54) Dibenzofuran	15.87	168	505268	47.992	nq #	90
55) 4-Nitrophenol	15.66	139	161880	110.359	nq	87
56) 2,4-Dinitrotoluene	15.81	165	146461	49.992	nq	94
57) Fluorene	16.51	166	424733	47.355	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	132842	50.731	nq	98
59) Diethylphthalate	16.24	149	449988	47.622	nq	96
60) 4-Chlorophenyl-phenylether	16.48	204	236932	45.954	nq	99
61) 4-Nitroaniline	16.53	138	101853	48.215	nq #	83
62) Azobenzene	16.78	77	444525	48.564	nq	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	84974	47.953	nq	97
65) n-Nitrosodiphenylamine	16.69	169	396630	46.903	nq	94
66) 4-Bromophenyl-phenylether	17.38	248	158411	45.537	nq #	88
67) Hexachlorobenzene	17.51	284	163128	44.433	nq	93
68) Atrazine	17.61	200	120250	35.092	nq	98
69) Pentachlorophenol	17.85	266	200376	79.519	nq	98
70) Phenanthrene	18.25	178	734758	47.629	nq	98
71) Anthracene	18.34	178	744392	47.656	nq	99
72) Carbazole	18.60	167	680175	49.140	nq	97
73) Di-n-butylphthalate	19.09	149	818094	50.779	nq #	98
74) Fluoranthene	20.20	202	964768	50.537	nq	98
76) Benzidine	20.37	184	104622	11.979	nq	97
77) Pyrene	20.56	202	997067	46.419	nq	98
79) Butylbenzylphthalate	21.41	149	380721	48.032	nq	98
80) Benzo(a)anthracene	22.53	228	954670	46.552	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	241215	33.054	nq	98
82) Chrysene	22.61	228	905915	45.635	nq	99
83) Bis(2-ethylhexyl)phthalate	22.35	149	518609	47.463	nq	99
84) Di-n-octyl phthalate	23.74	149	909456	54.361	nq	99
85) Indeno(1,2,3-cd)pyrene	30.69	276	1090988	50.831	nq #	95
87) Benzo(b)fluoranthene	25.11	252	933067	51.581	nq #	97
88) Benzo(k)fluoranthene	25.19	252	942777m	51.531	nq	
89) Benzo(a)pyrene	26.14	252	929700	53.518	nq #	97
90) Dibenzo(a,h)anthracene	30.76	278	919697	56.204	nq	97
91) Benzo(g,h,i)perylene	32.07	276	897077	55.362	nq #	95

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



#1

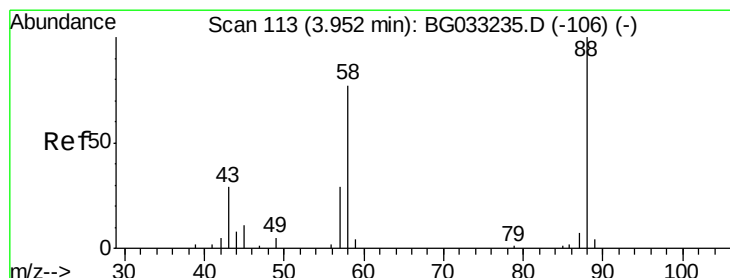
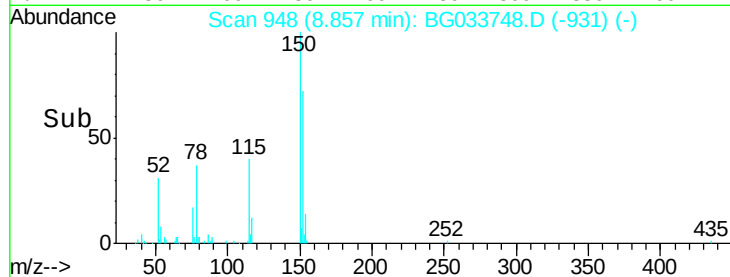
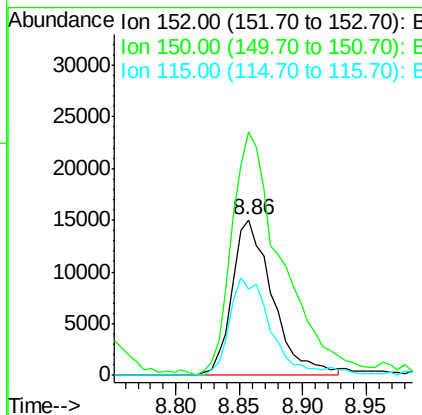
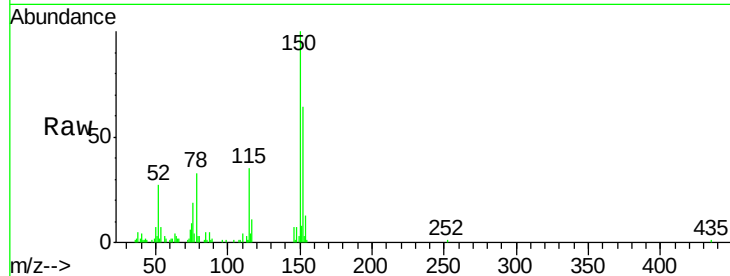
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	55.5	53.0	79.4

Manual Integrations
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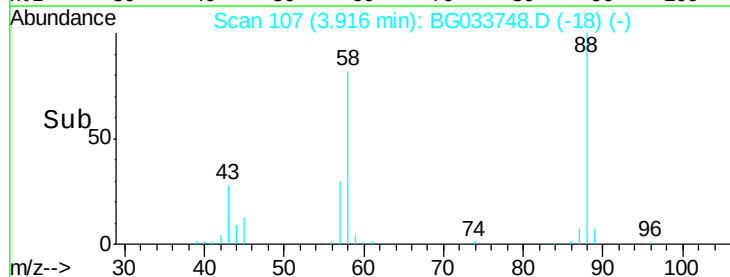
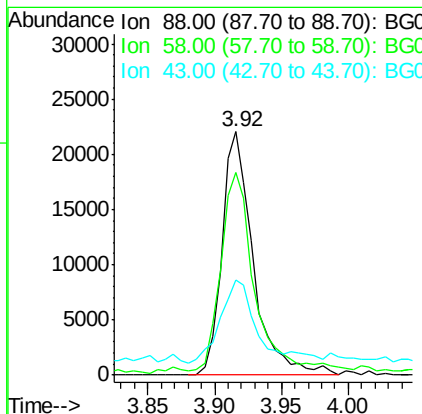
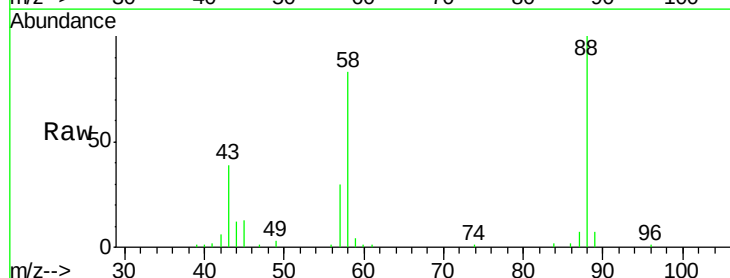
Sohil
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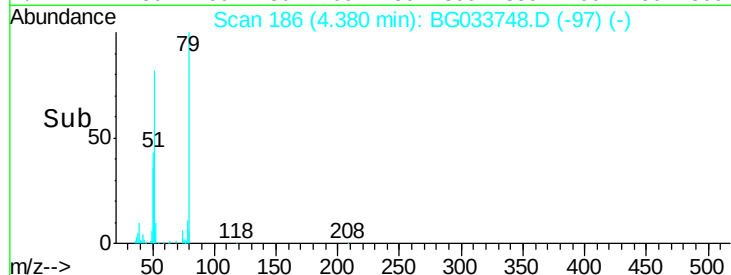
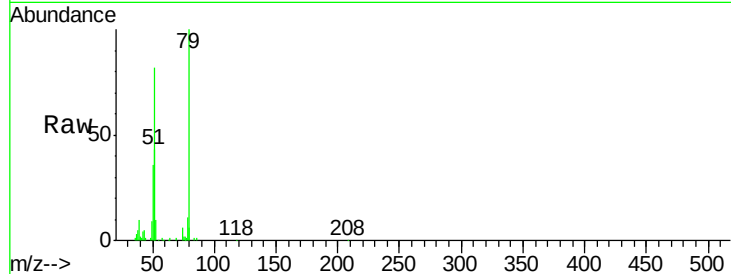
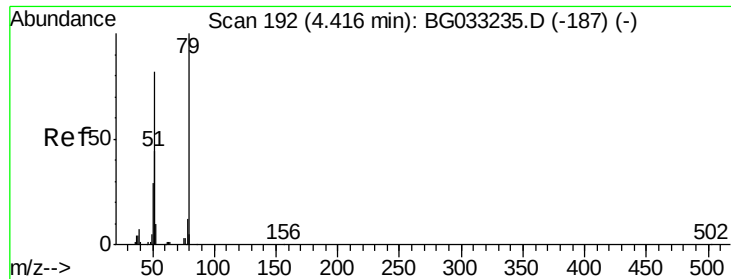


#2

1,4-Dioxane
Concen: 39.995 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	79.6	119.4
43	40.0	27.4	41.0





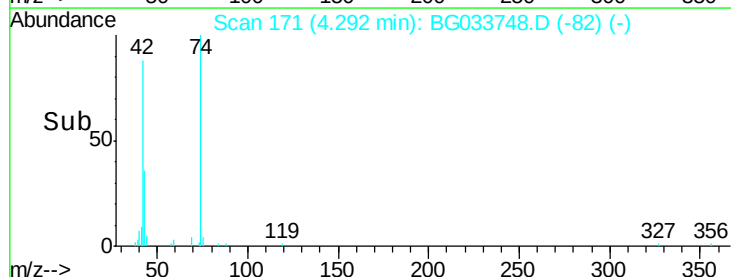
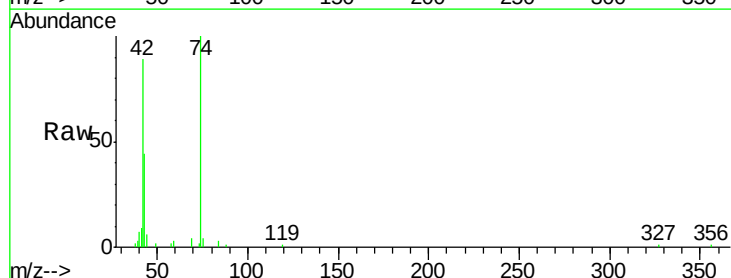
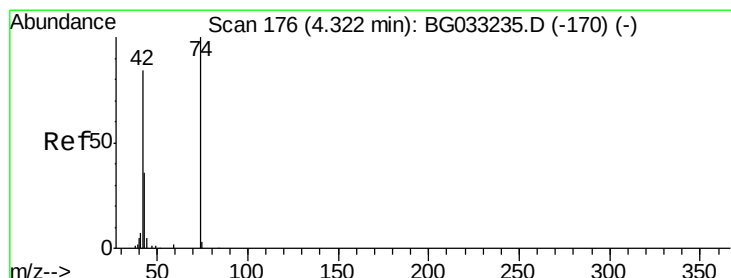
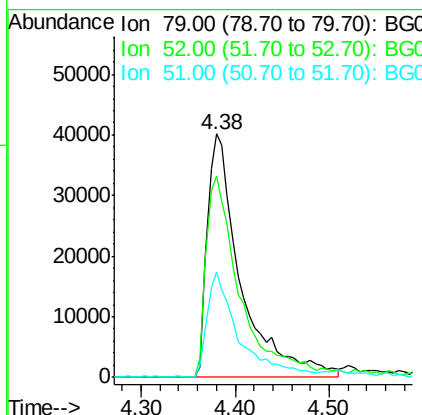
#3
 Pvridine
 Concen: 40.123 ng
 RT: 4.38 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		100245		
52	82.5	69.9	104.9		
51	43.4	34.0	51.0		

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

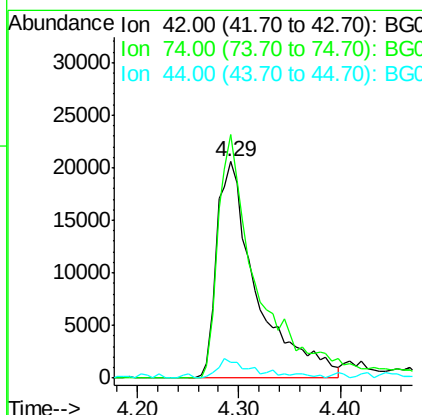
Manual Integrations
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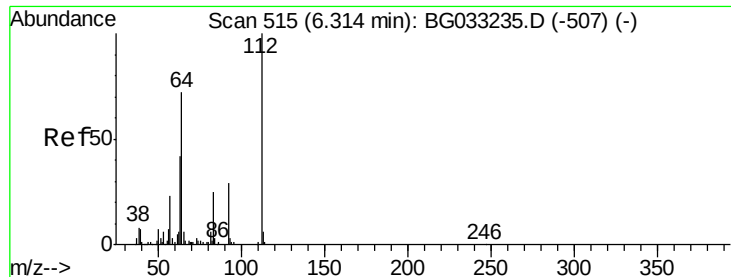
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#4
 n-Nitrosodimethylamine
 Concen: 55.108 ng
 RT: 4.29 min Scan# 171
 Delta R.T. -0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		56503		
74	112.4	102.5	153.7		
44	7.3	18.9	28.3#		





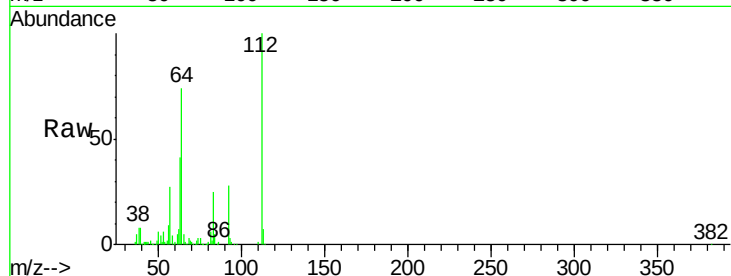
#5
2-Fluorophenol
Concen: 101.979 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

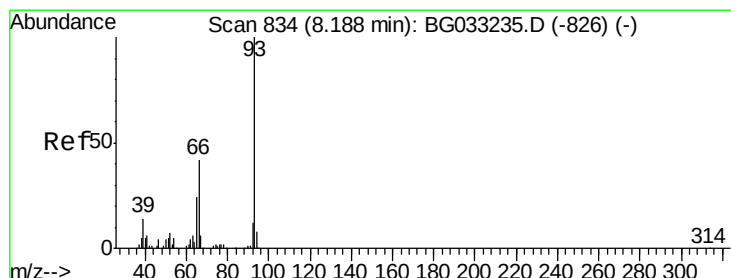
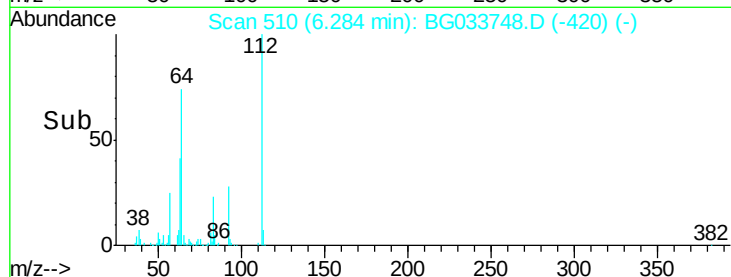
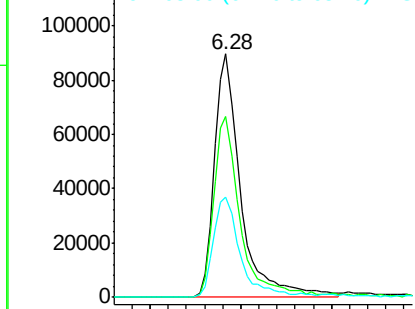
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	74.4	56.3	84.5
63	41.4	30.1	45.1

Manual Integrations
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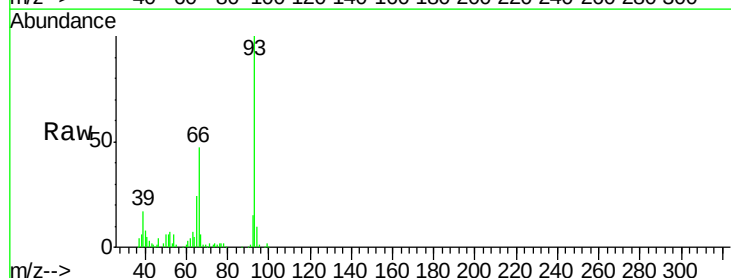


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC

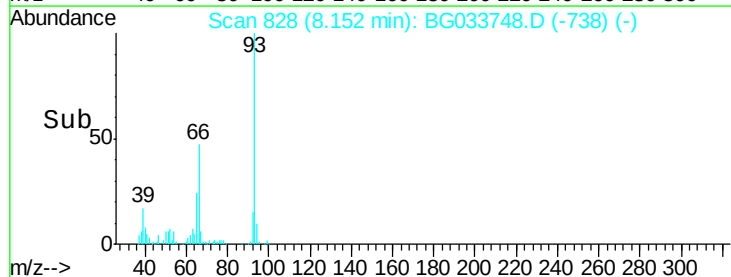
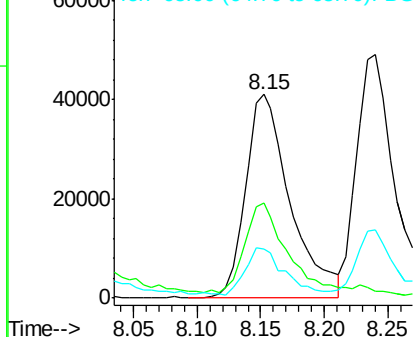


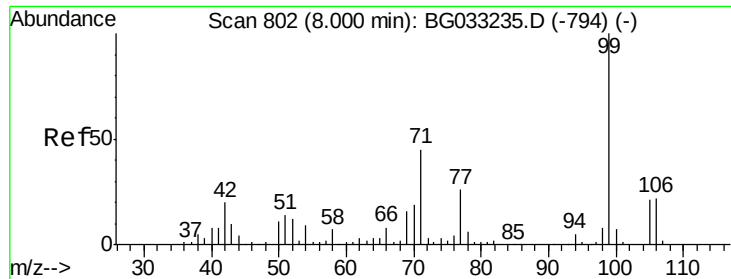
#6
Aniline
Concen: 27.898 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	46.6	33.7	50.5
65	24.3	16.1	24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.798 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB108149BS

Tot Ion: 99 Resp: 289887

Ion Ratio Lower Upper

99 100

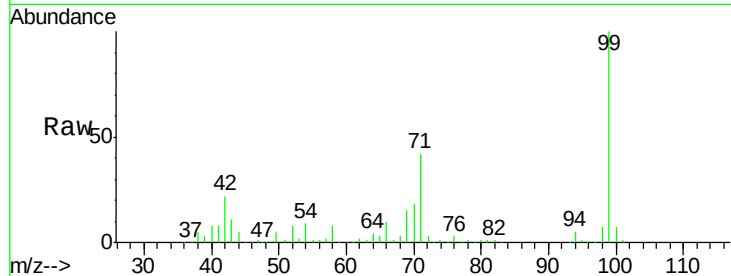
42 22.0 14.1 21.1#

71 42.4 26.1 39.1#

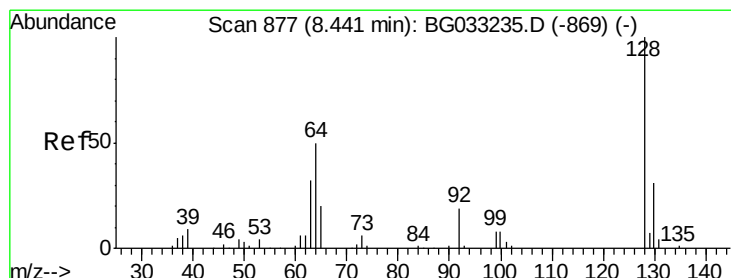
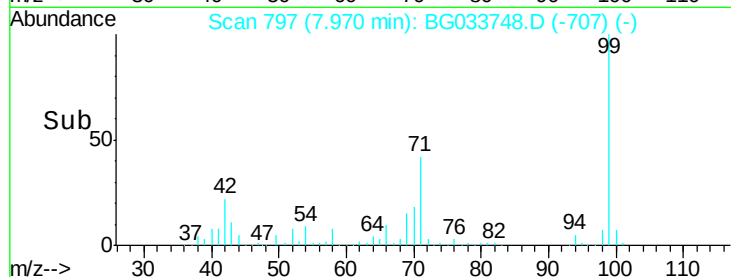
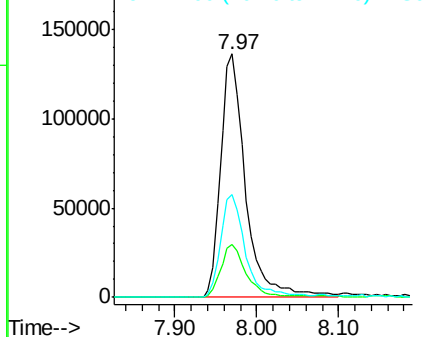
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 55.553 ng

RT: 8.40 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

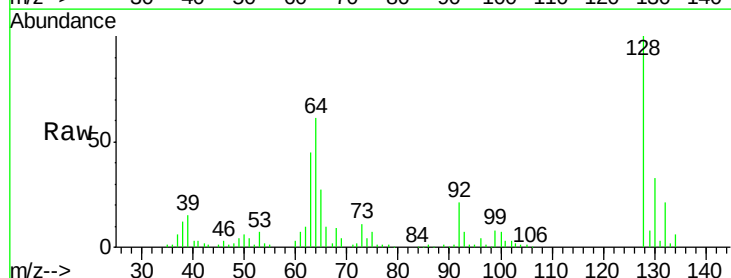
Tgt Ion: 128 Resp: 113028

Ion Ratio Lower Upper

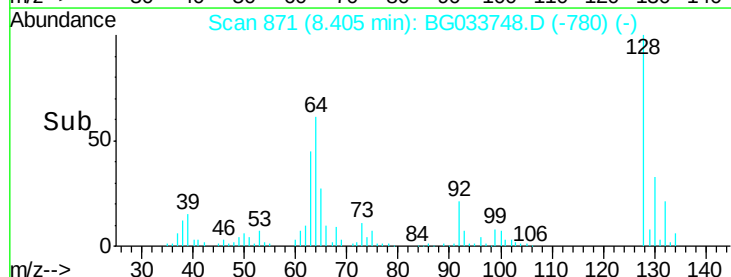
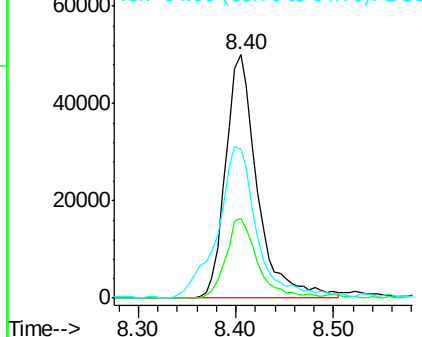
128 100

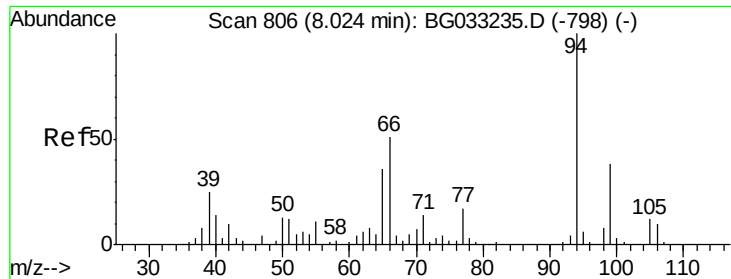
130 32.7 14.0 54.0

64 61.2 37.7 77.7



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





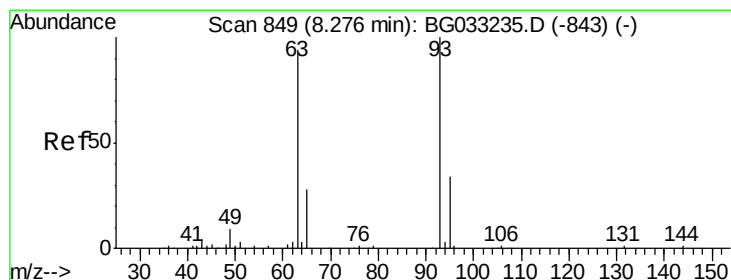
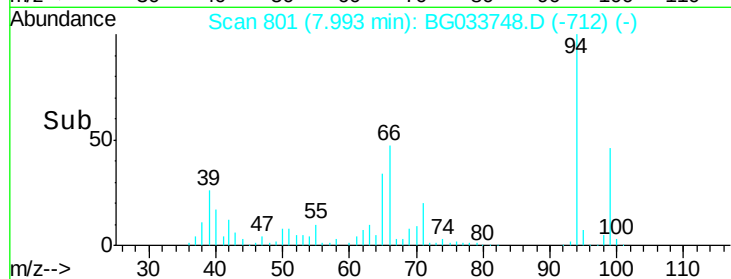
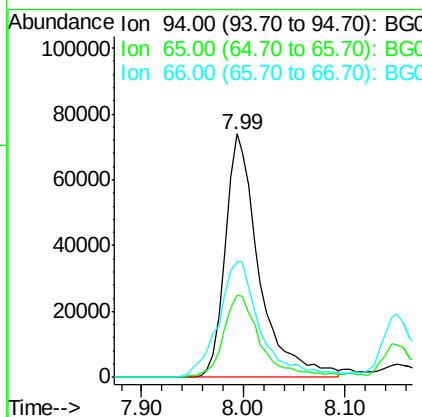
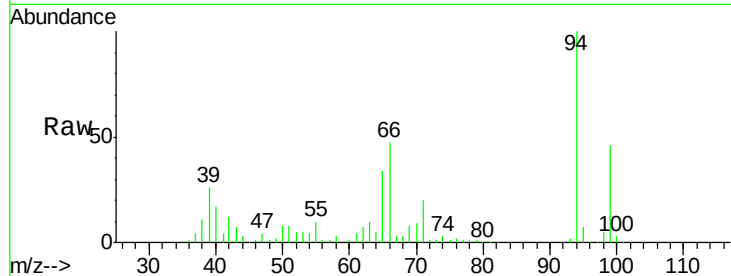
#10
Phenol
Concen: 56.466 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampled :
PB108149BS

Tot Ion:	94	Resp:	170479
Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.9	51.9
66	47.4	22.2	62.2

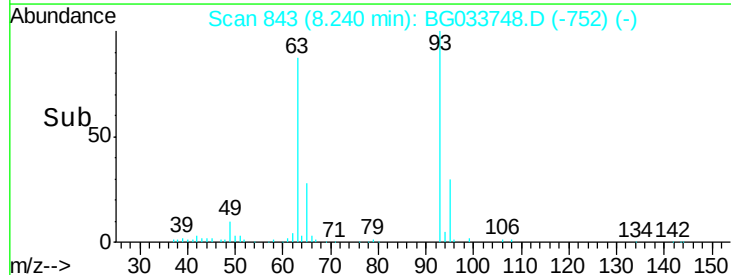
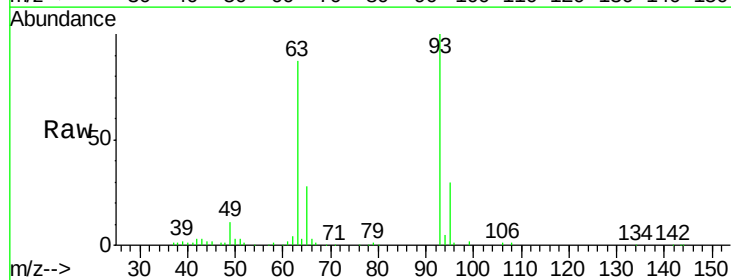
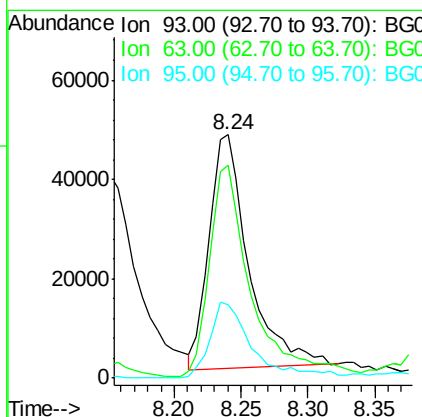
Manual Integrations
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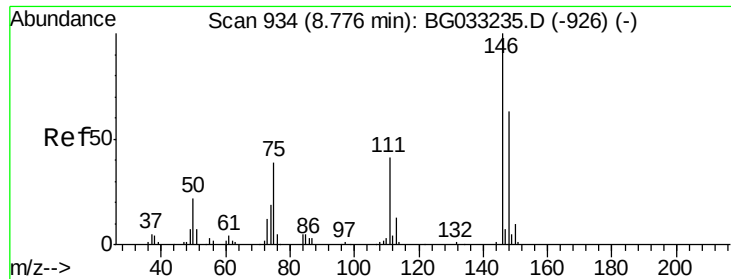
Sohil
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#11
bis(2-Chloroethyl)ether
Concen: 39.608 ng
RT: 8.24 min Scan# 843
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:	93	Resp:	97606
Ion	Ratio	Lower	Upper
93	100		
63	87.4	67.1	107.1
95	29.9	11.5	51.5





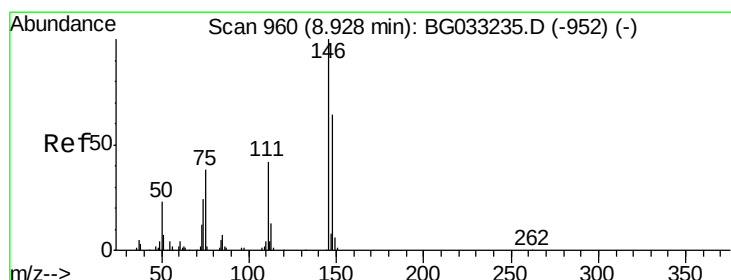
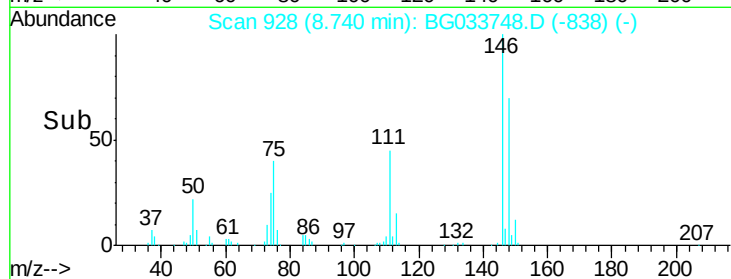
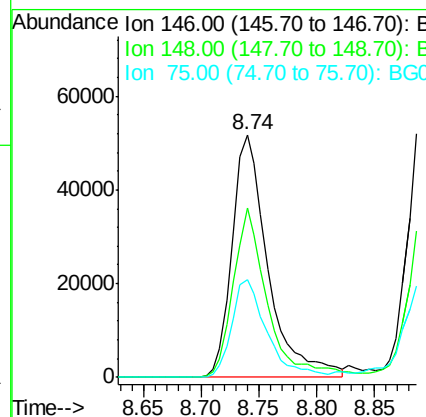
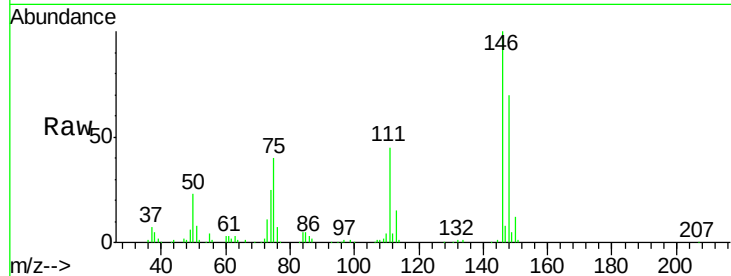
#12
 1,3-Dichlorobenzene
 Concen: 41.822 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.4	77.2
75	40.4	26.6	39.8

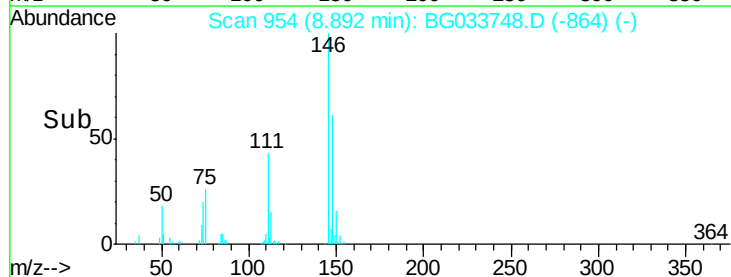
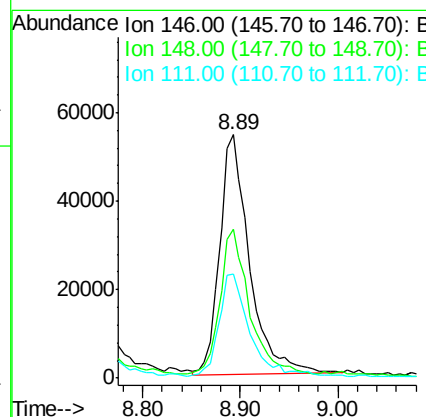
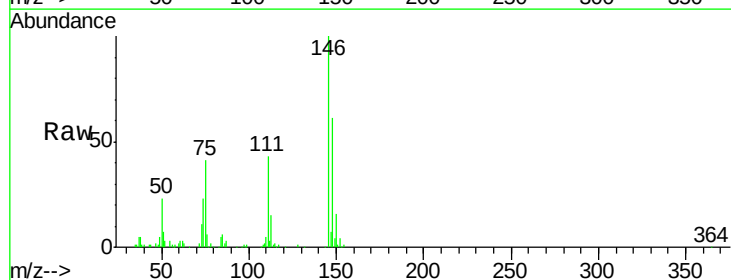
Manual Integrations
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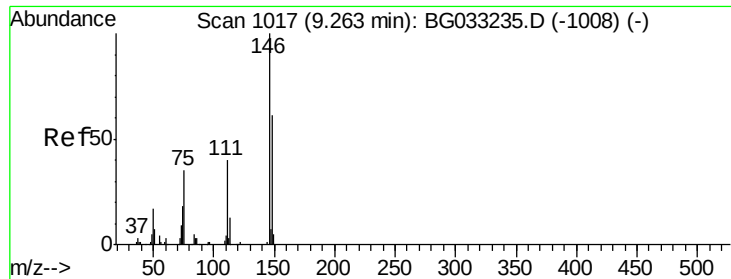
Sohil
 4/12/2018 2:35:32 PM



#13
 1,4-Dichlorobenzene
 Concen: 42.679 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	53.7	80.5
111	42.5	35.2	52.8





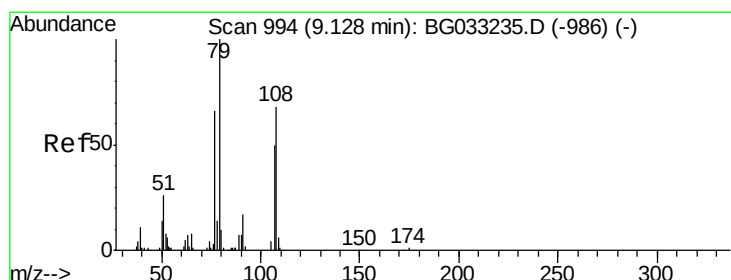
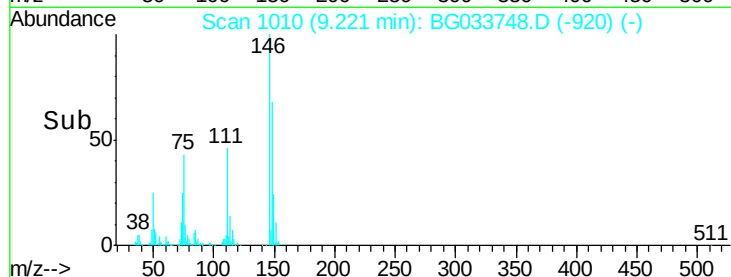
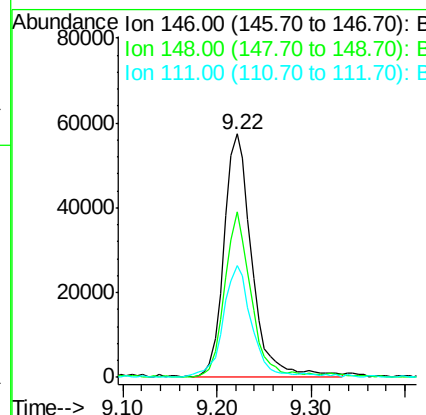
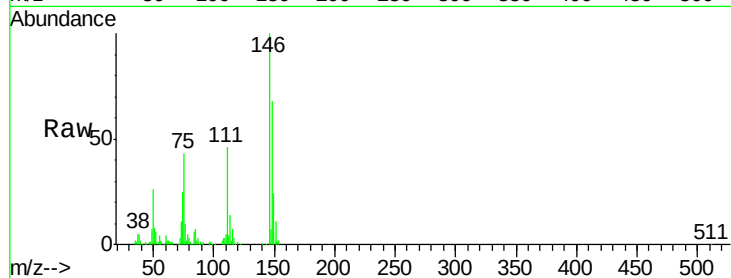
#14
 1,2-Dichlorobenzene
 Concen: 45.259 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		117676		
148	68.1	49.3	73.9		
111	46.0	34.3	51.5		

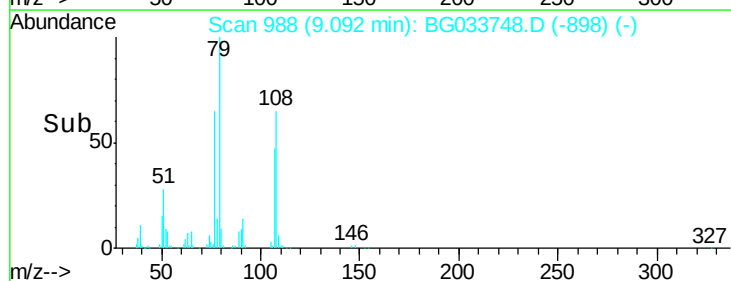
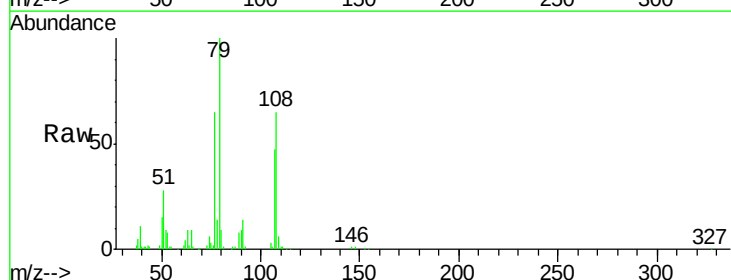
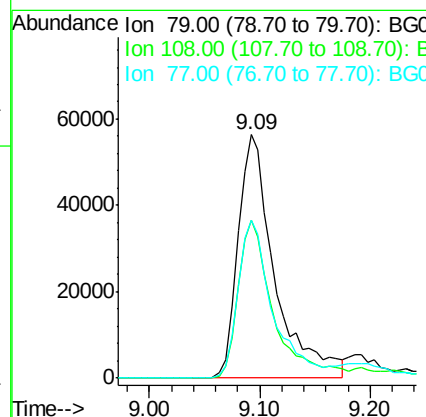
Manual Integrations
 APPROVED

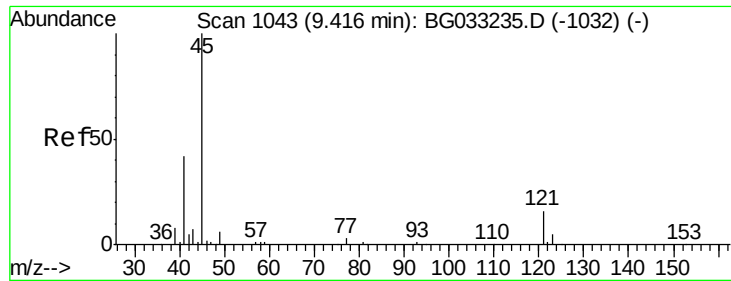
Sohil
 4/12/2018 2:35:32 PM



#15
 Benzyl Alcohol
 Concen: 54.569 ng
 RT: 9.09 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		131380		
108	64.9	57.2	85.8		
77	65.0	46.1	69.1		





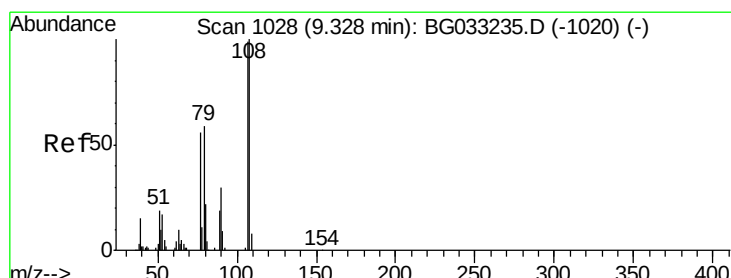
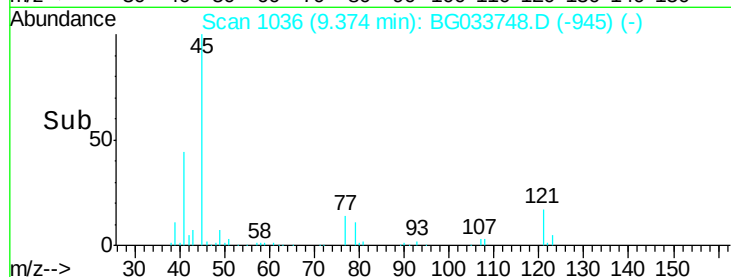
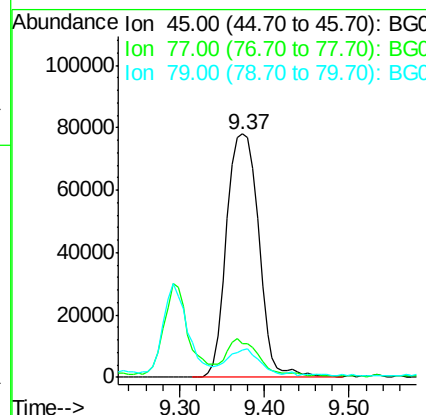
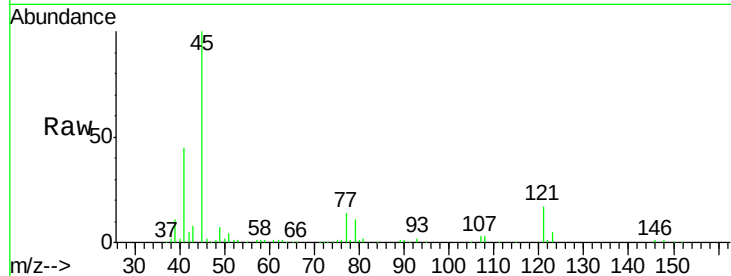
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 51.481 ng
RT: 9.37 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampled :
PB108149BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	206818		
77	14.1	0.0	30.2	
79	11.0	0.0	27.9	

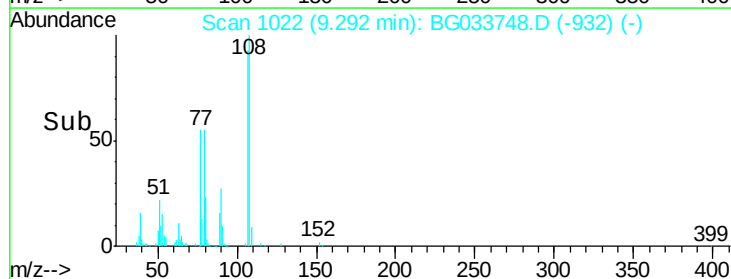
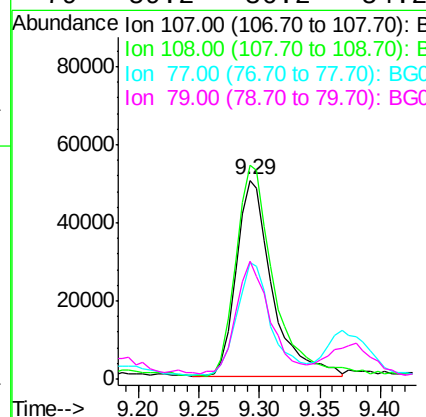
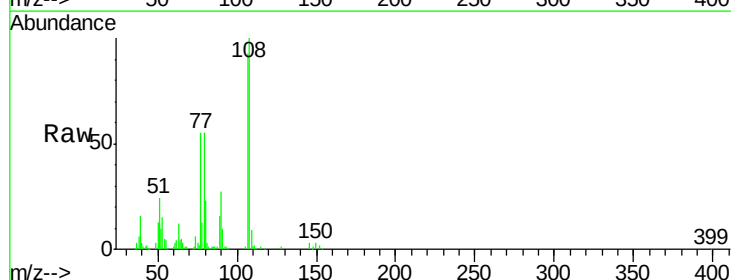
Manual Integrations
APPROVED

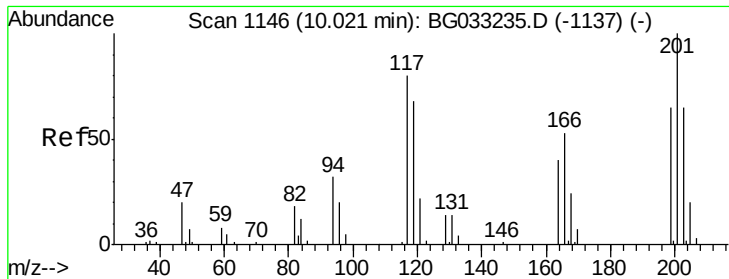
Sohil
4/12/2018 2:35:32 PM



#17
2-Methylphenol
Concen: 50.727 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	104331		
108	107.5	83.9	125.9	
77	58.9	37.2	55.8#	
79	59.2	36.2	54.2#	





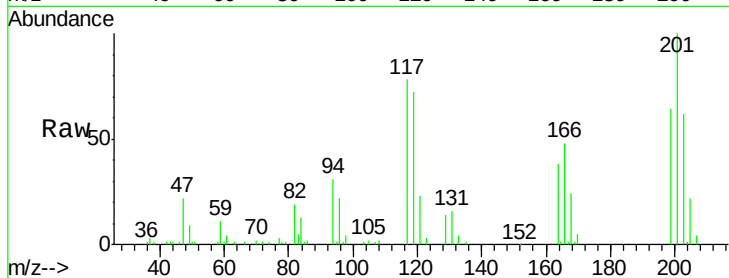
#18
Hexachloroethane
Concen: 46.379 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.7	115.1
201	128.0	95.7	143.5

Manual Integrations
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Sohil
4/12/2018 2:35:32 PM

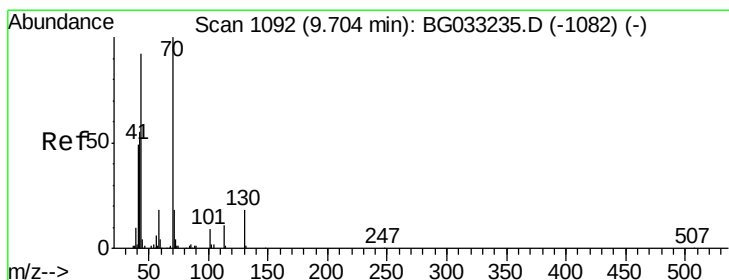
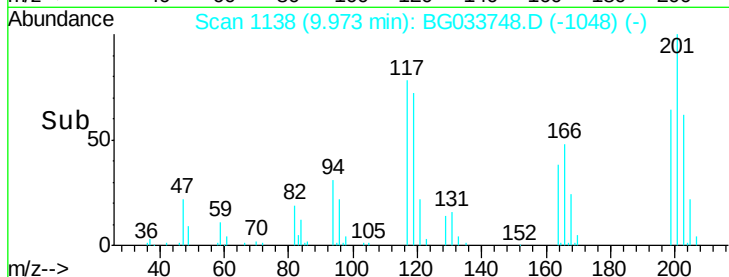
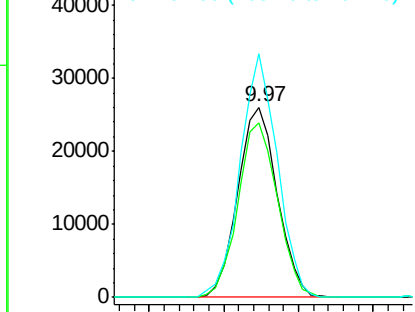


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 47.616 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.1	73.7
101	9.6	8.5	12.7
130	18.1	13.4	20.0

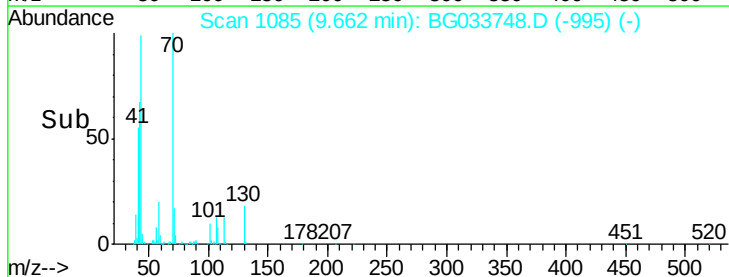
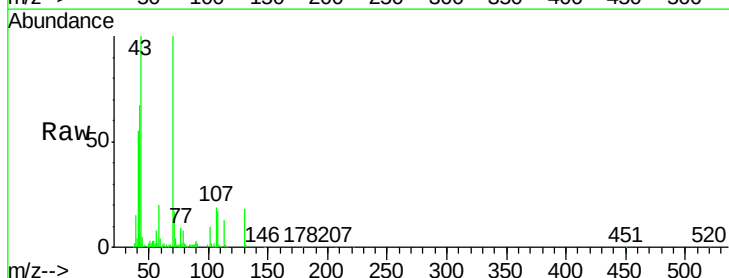
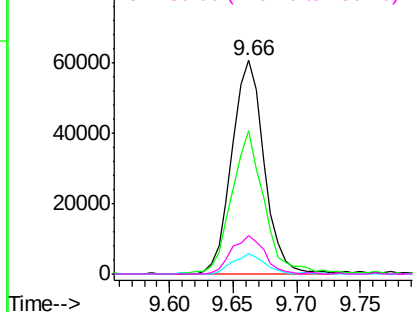
Abundance

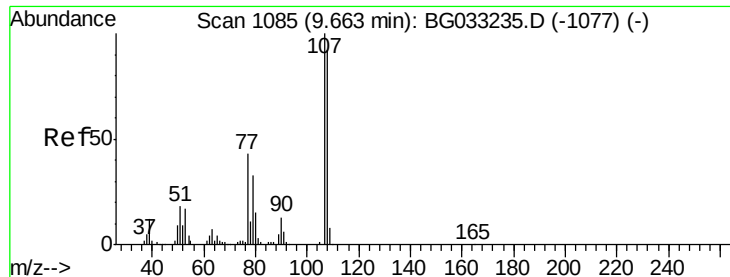
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





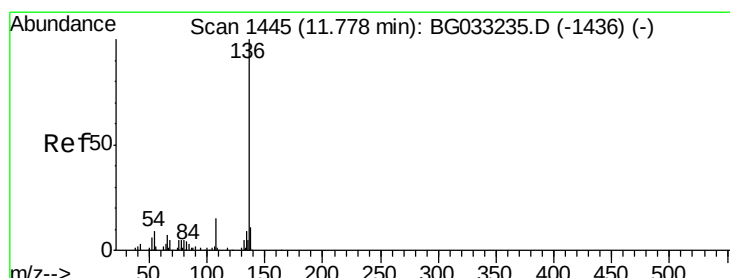
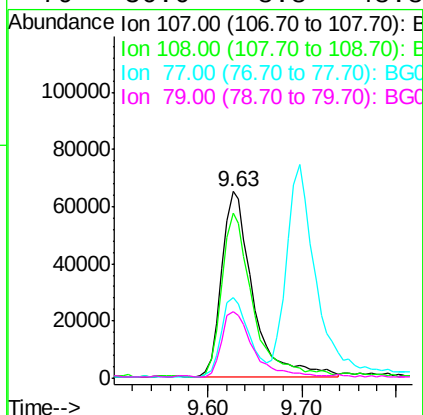
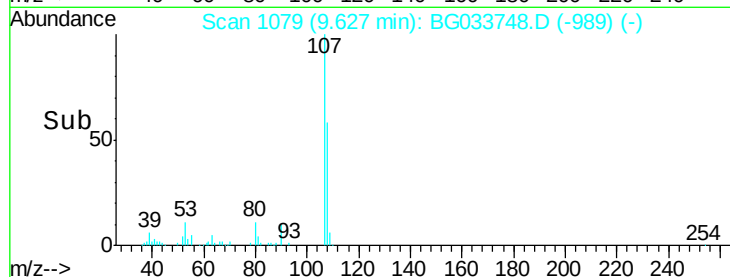
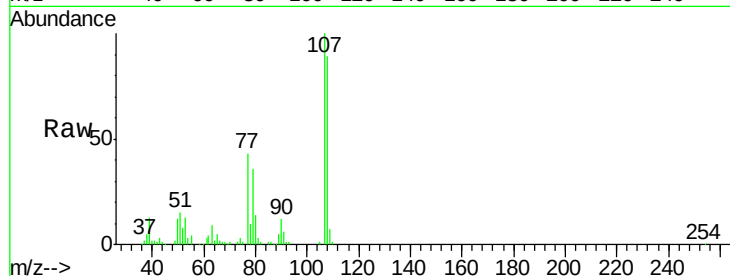
#20
3+4-Methylphenols
Concen: 51.776 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	151618		
108	108	88.7	61.6	101.6	
77	77	43.4	13.9	53.9	
79	79	36.0	8.8	48.8	

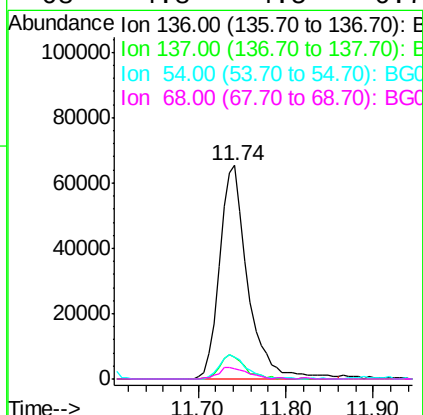
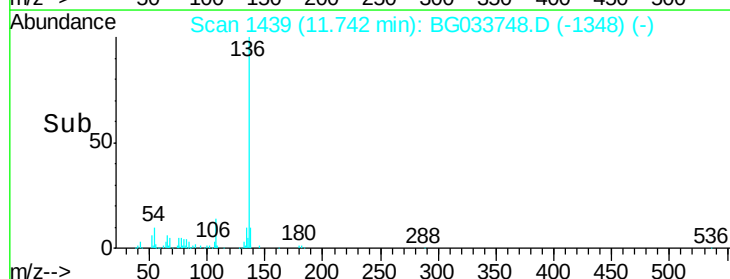
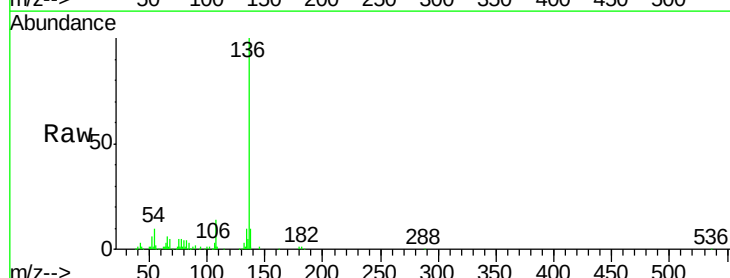
Manual Integrations
APPROVED

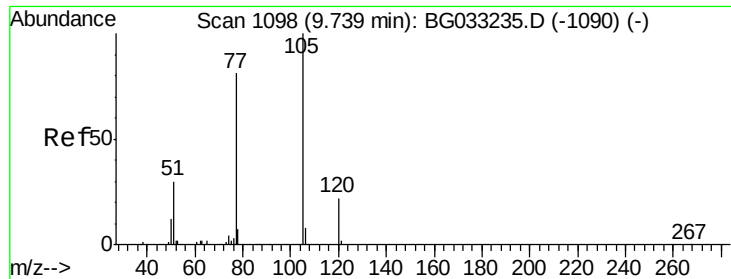
Sohil
4/12/2018 2:35:32 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	145005		
137	137	9.9	9.2	13.8	
54	54	10.5	10.3	15.5	
68	68	4.8	4.5	6.7	





#22

Acetophenone

Concen: 46.453 ng

RT: 9.70 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

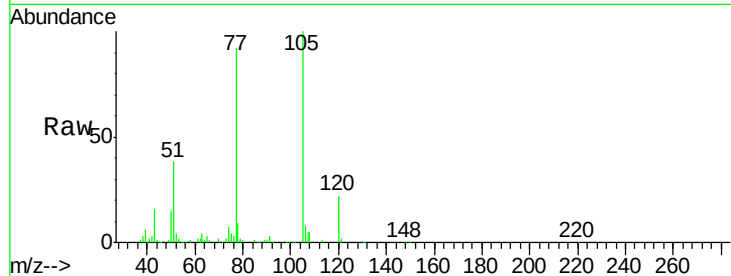
ClientSampleId :

PB108149BS

Tot Ion:	105	Resp:	184543
Ion Ratio	Lower	Upper	
105	100		
71	0.4	3.0	4.4#
51	37.8	26.1	39.1
120	22.0	17.4	26.2

Manual Integrations
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Sohil
4/12/2018 2:35:32 PM

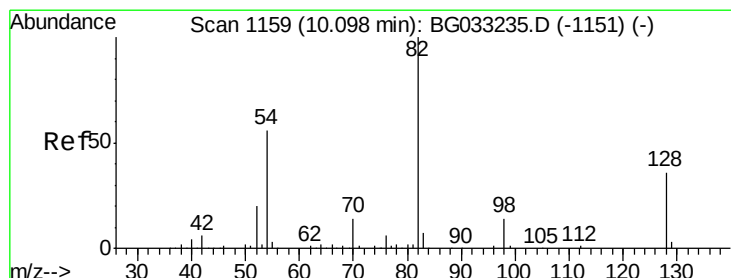
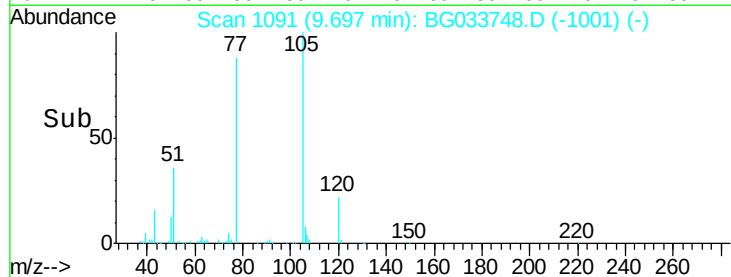
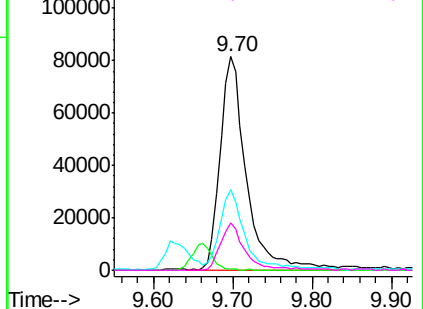


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.943 ng

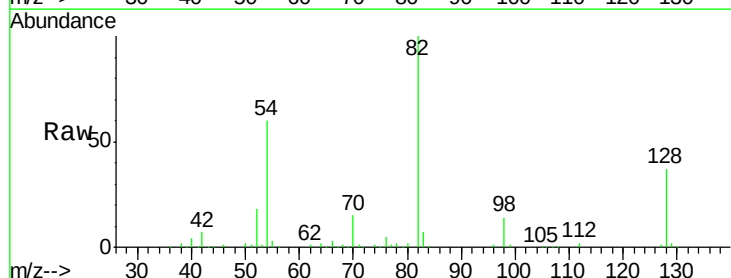
RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

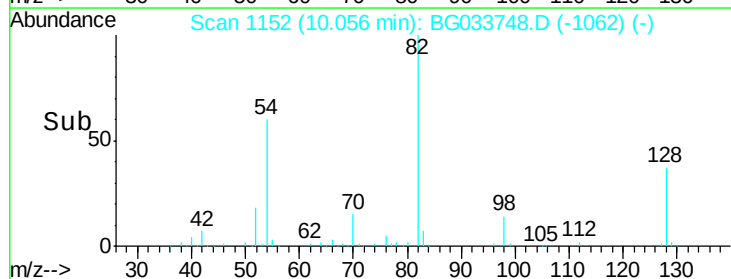
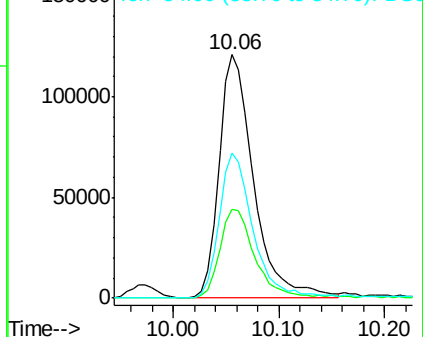
Tgt Ion:	82	Resp:	274403
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.7	44.5
54	59.7	43.1	64.7

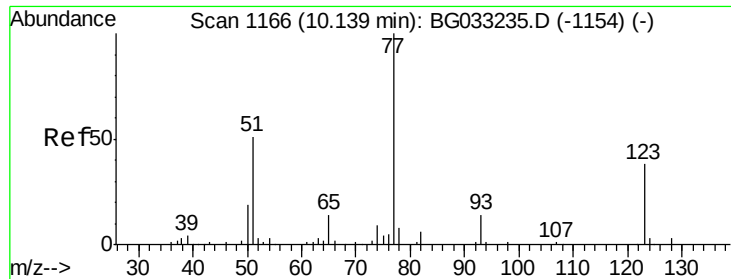


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





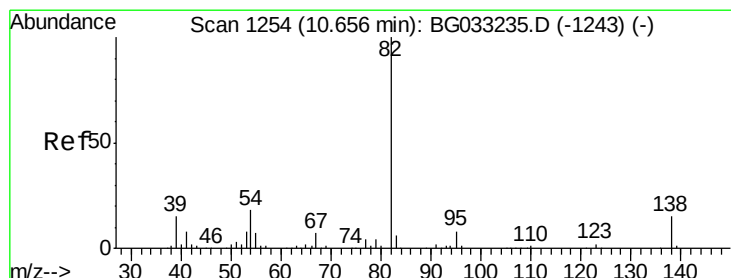
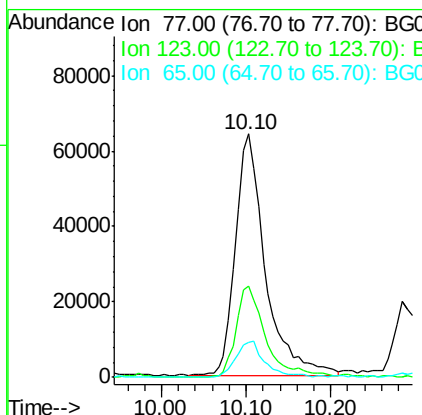
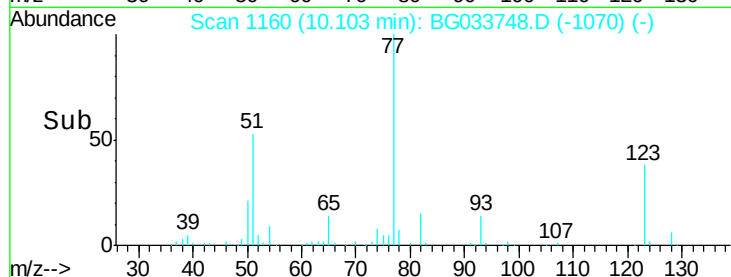
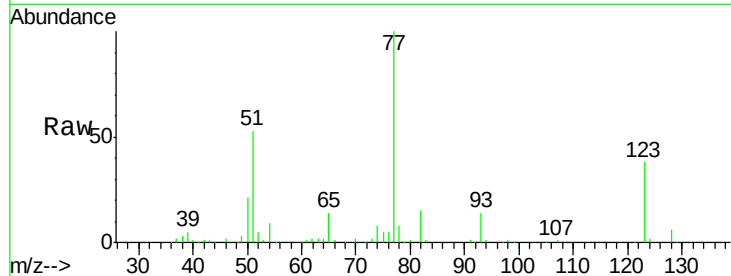
#24
Nitrobenzene
Concen: 46.635 ng
RT: 10.10 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.7	33.0	49.6
65	14.1	13.0	19.6

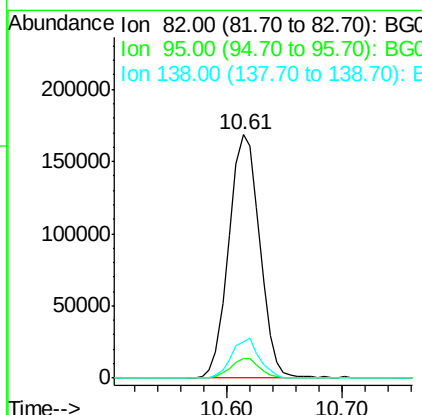
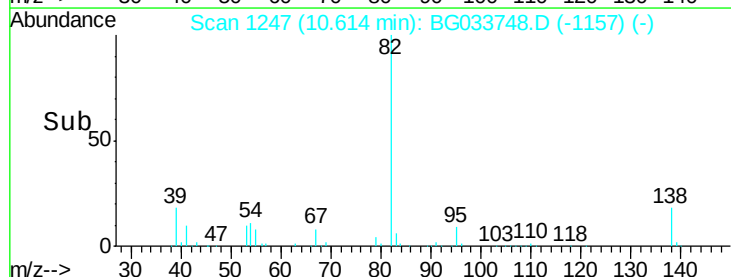
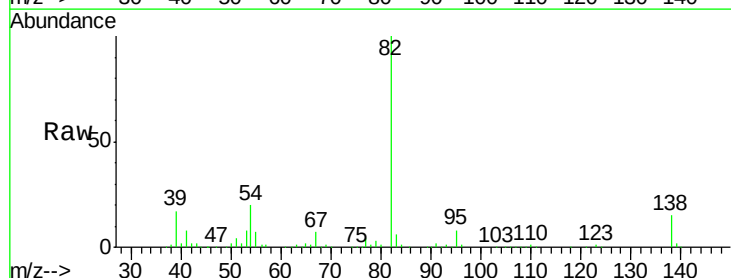
Manual Integrations
APPROVED

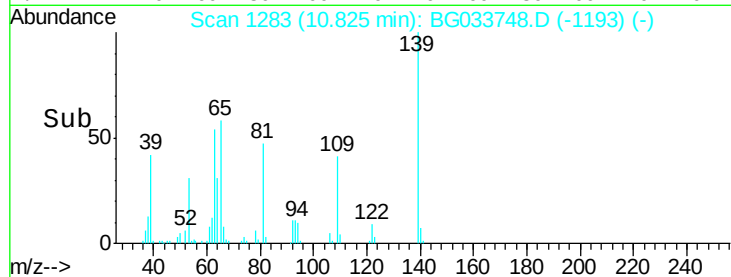
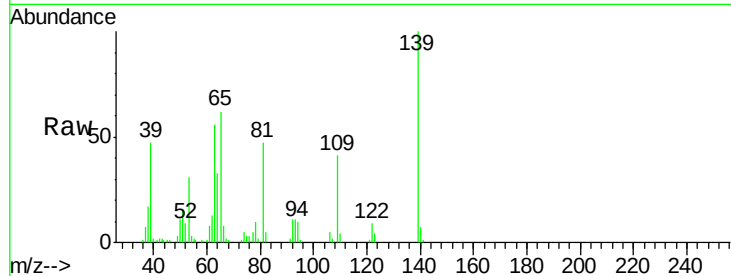
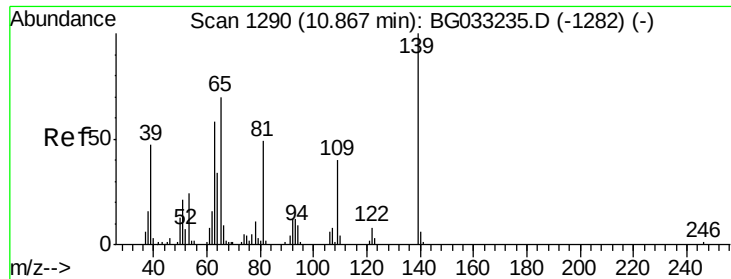
Sohil
4/12/2018 2:35:32 PM



#25
Isophorone
Concen: 51.306 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	14.9	12.1	18.1





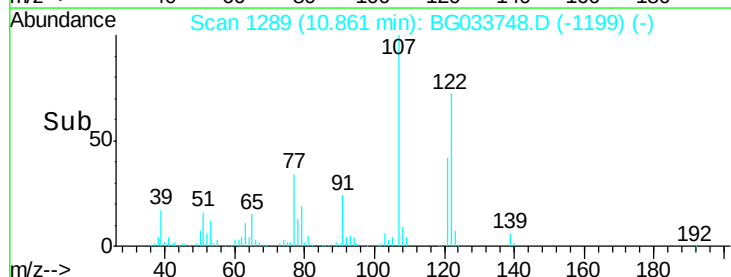
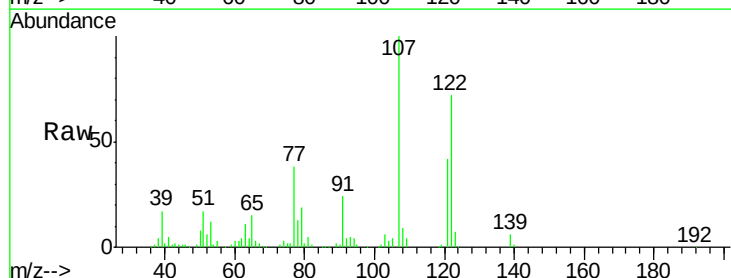
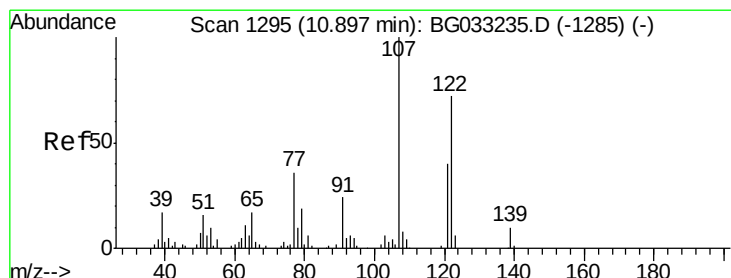
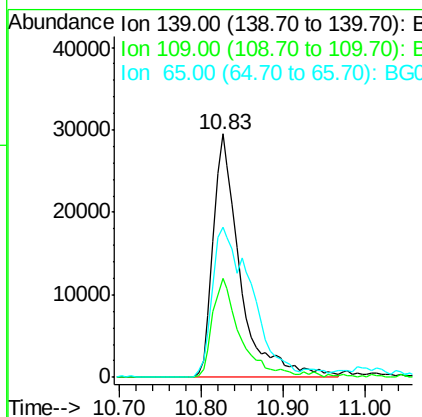
#26
2-Nitrophenol
Concen: 53.287 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tot Ion	Ratio	Resp	Lower	Upper
139	100	68153		
109	40.7	24.2	36.2#	
65	61.7	47.4	71.0	

Instrument :
BNA_G
ClientSampleId :
PB108149BS

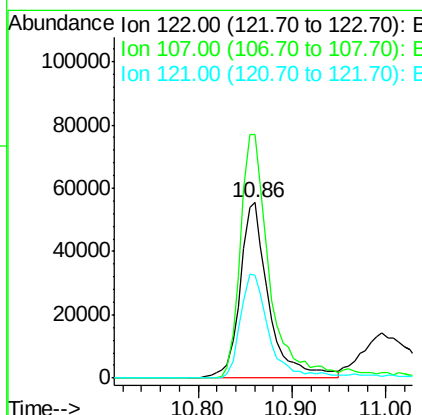
Manual Integrations
APPROVED

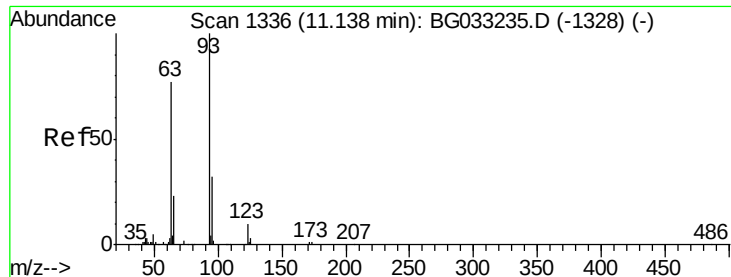
Sohil
4/12/2018 2:35:32 PM



#27
2,4-Dimethylphenol
Concen: 63.504 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	117989		
107	138.5	100.2	150.2	
121	58.7	44.4	66.6	





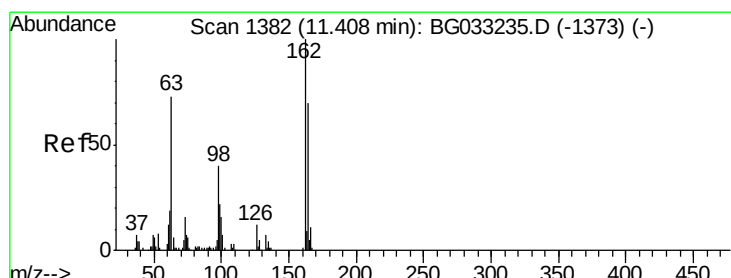
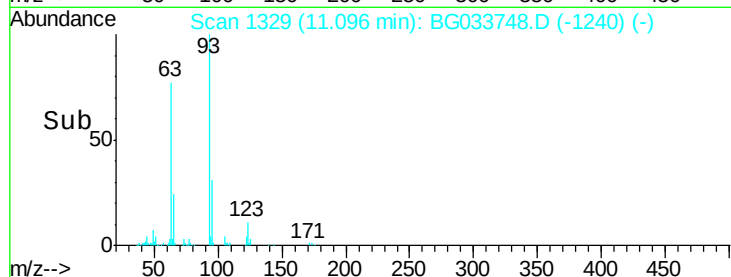
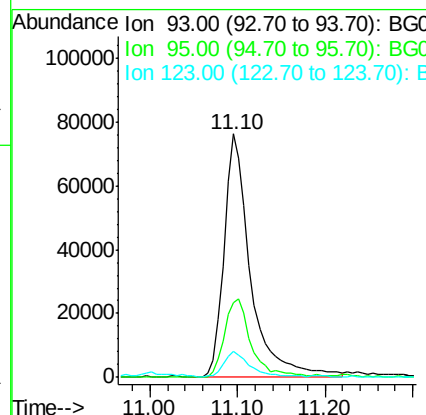
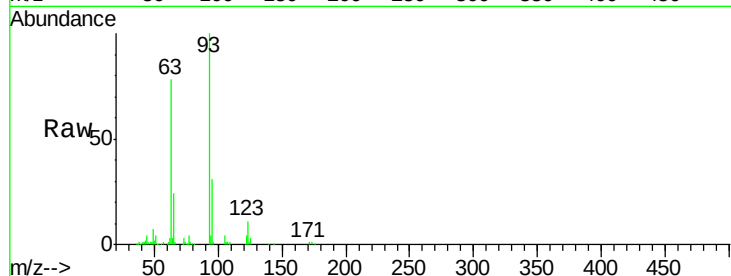
#28
bis(2-Chloroethoxy)methane
Concen: 52.395 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampled :
PB108149BS

Tot Ion:	93	Resp:	160135
Ion Ratio	Lower	Upper	
93	100		
95	30.7	24.3	36.5
123	10.6	8.4	12.6

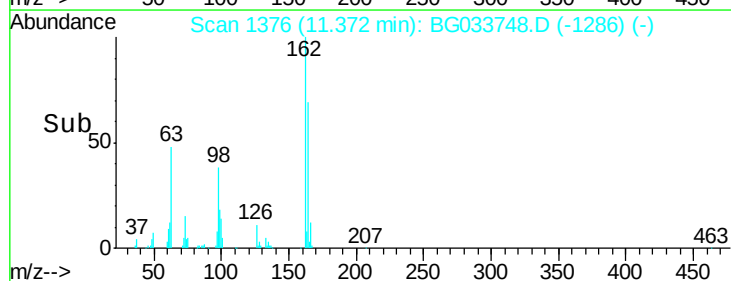
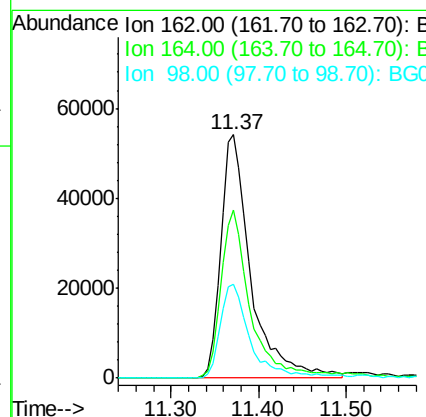
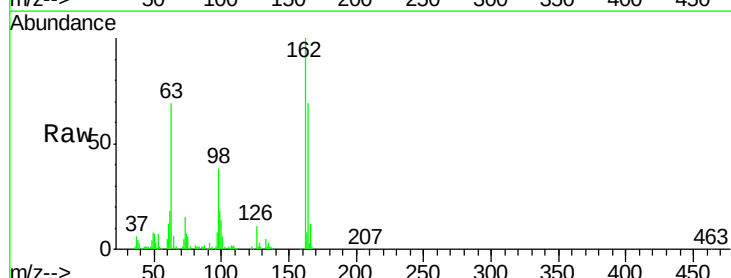
Manual Integrations
APPROVED

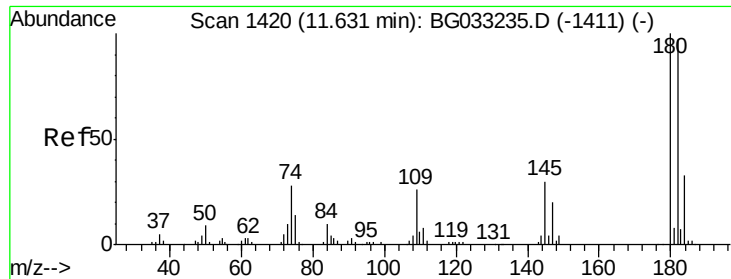
Sohil
4/12/2018 2:35:32 PM



#29
2,4-Dichlorophenol
Concen: 56.216 ng
RT: 11.37 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion:	162	Resp:	128450
Ion Ratio	Lower	Upper	
162	100		
164	69.1	48.0	88.0
98	38.4	21.1	61.1





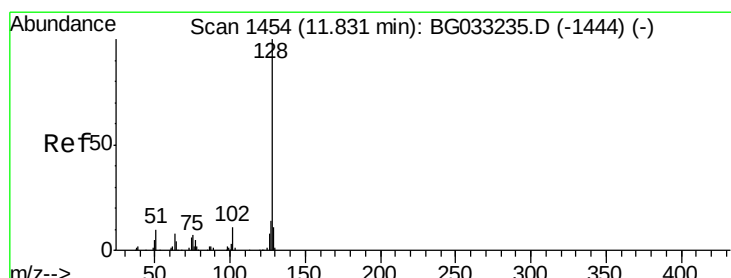
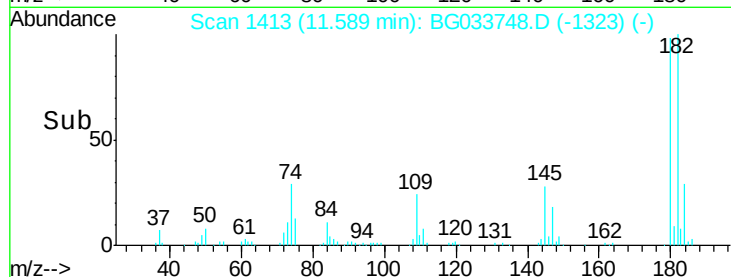
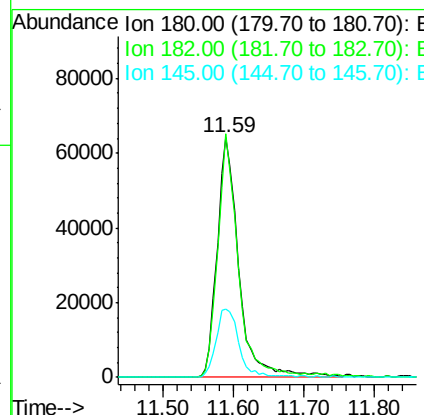
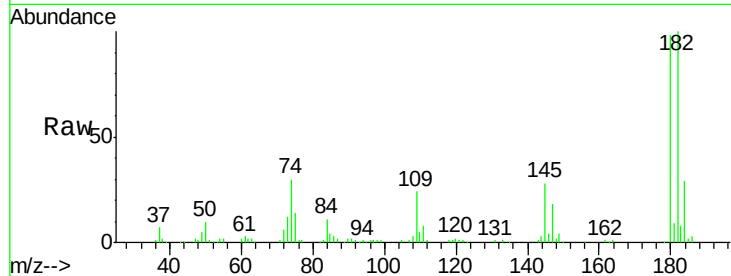
#30
 1,2,4-Trichlorobenzene
 Concen: 46.052 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.8	77.5	116.3
145	28.8	23.4	35.2

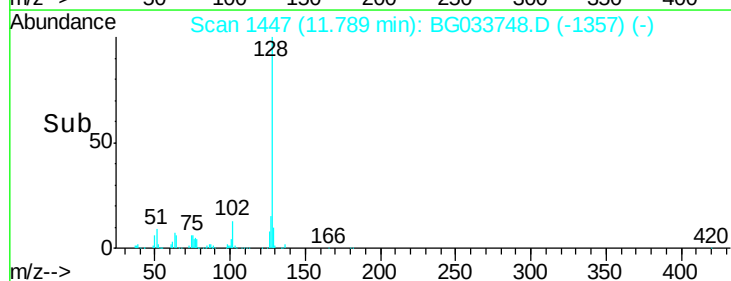
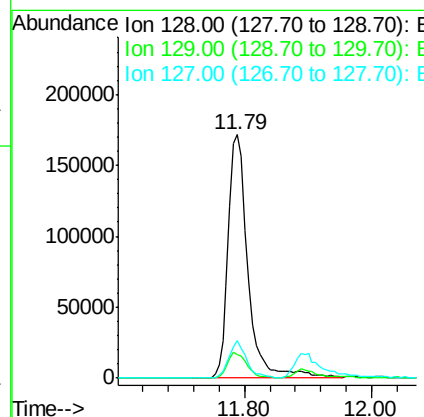
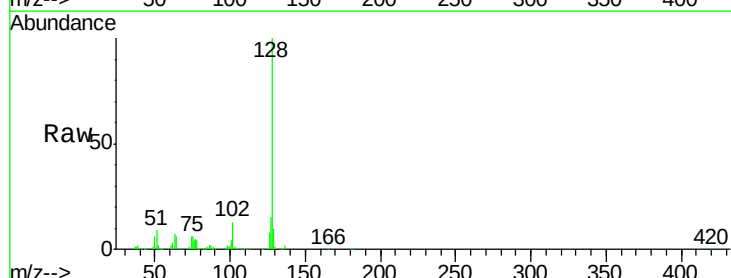
Manual Integrations
 APPROVED

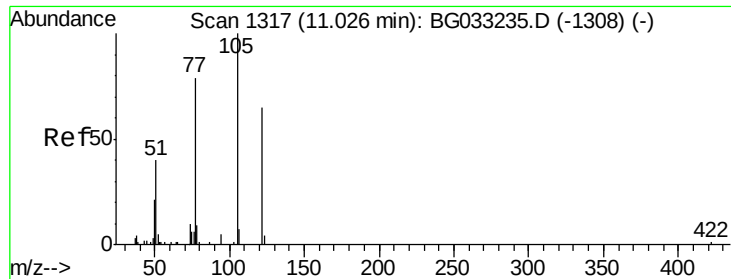
Sohil
 4/12/2018 2:35:32 PM



#31
 Naphthalene
 Concen: 49.377 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	12.8
127	15.2	11.6	17.4





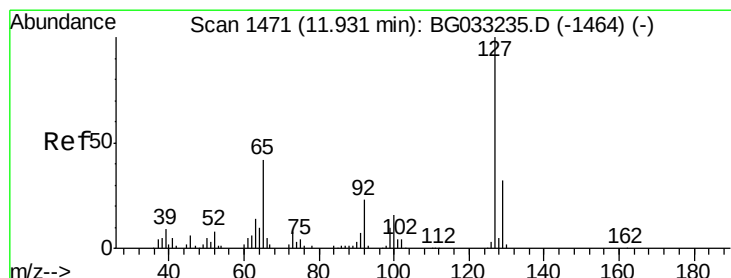
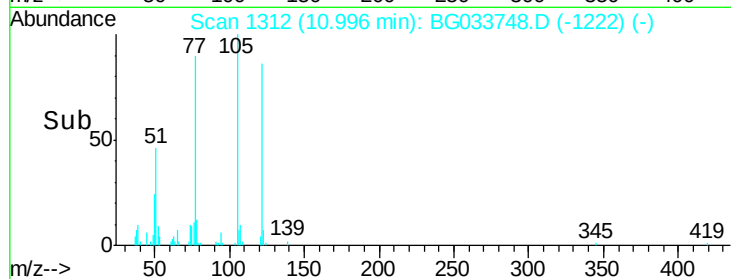
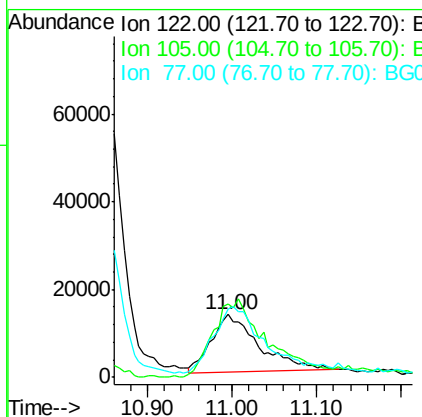
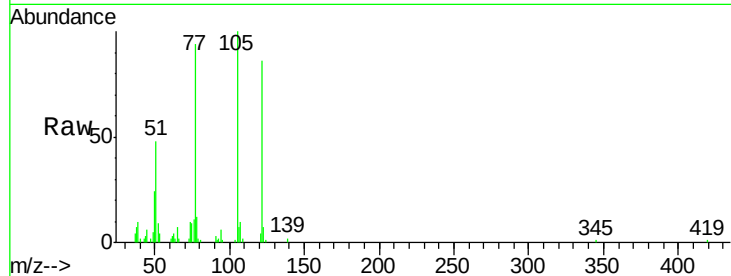
#32
Benzoic acid
Concen: 30.202 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	116.7	123.5	163.5#
77	109.4	85.7	125.7

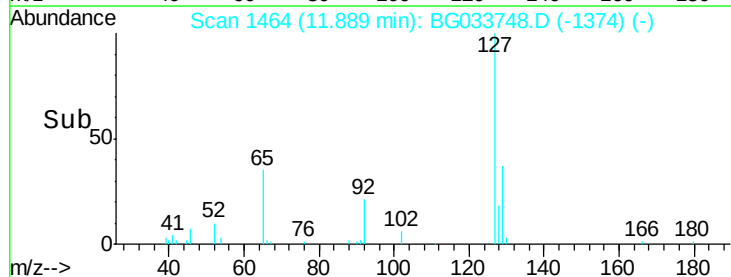
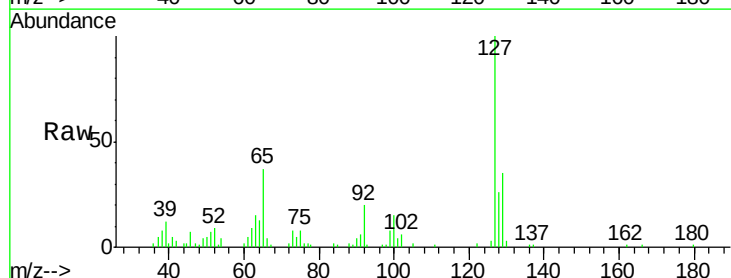
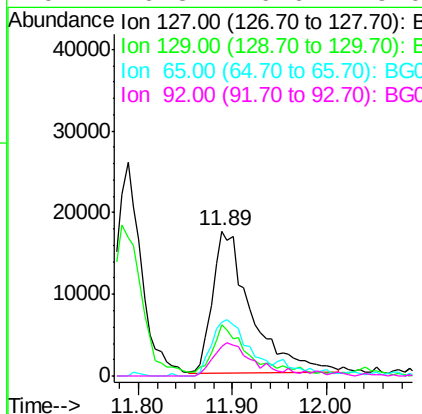
Manual Integrations
APPROVED

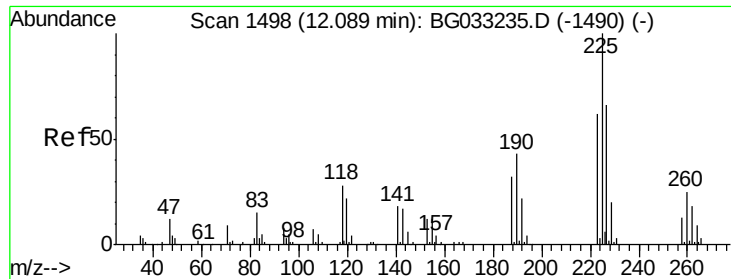
Sohil
4/12/2018 2:35:32 PM



#33
4-Chloroaniline
Concen: 14.839 ng
RT: 11.89 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.4	24.0	36.0
65	37.2	27.0	40.4
92	20.3	16.6	25.0





#34

Hexachlorobutadiene

Concen: 43.331 ng

RT: 12.05 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

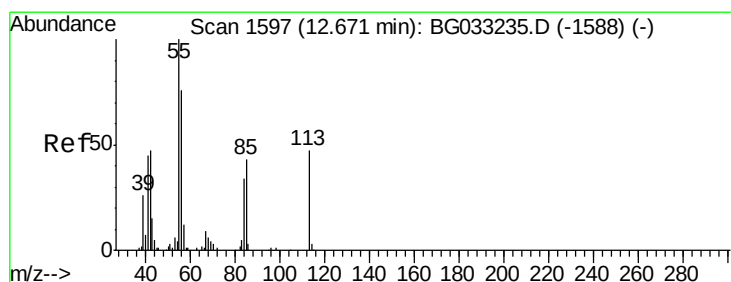
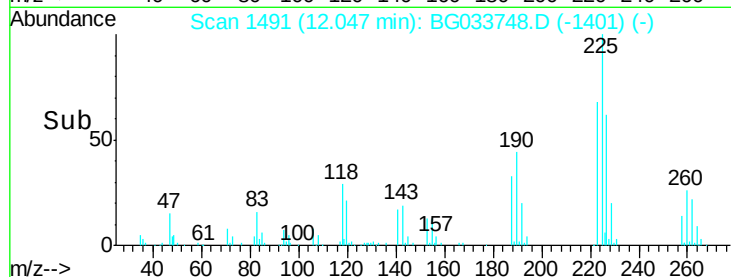
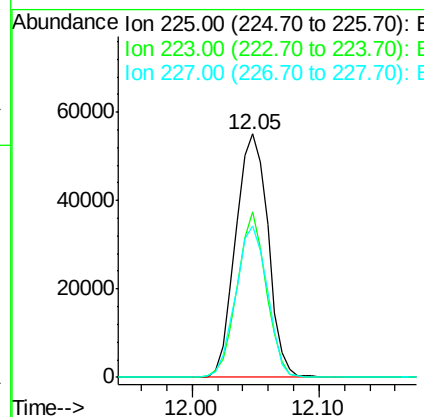
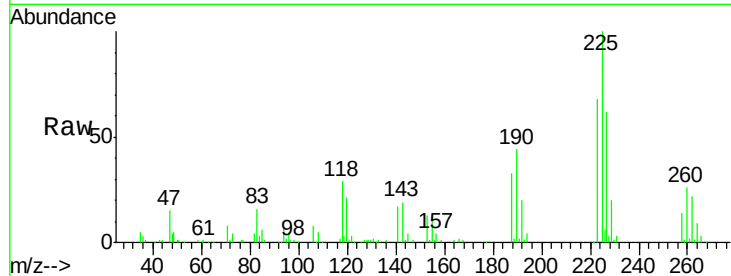
ClientSampleId :

PB108149BS

Tot Ion:	225	Resp:	97277
Ion Ratio	Lower	Upper	
225	100		
223	68.2	49.7	74.5
227	62.2	48.1	72.1

Manual Integrations
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4/12/2018 2:35:32 PM



#35

Caprolactam

Concen: 53.076 ng

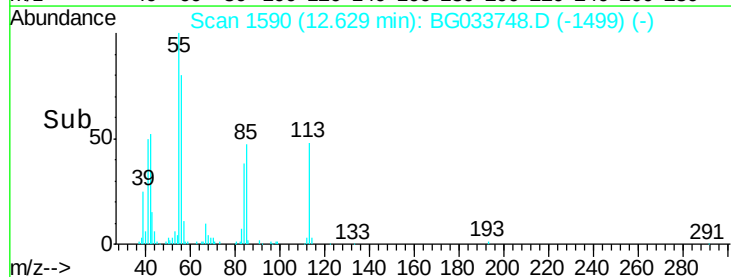
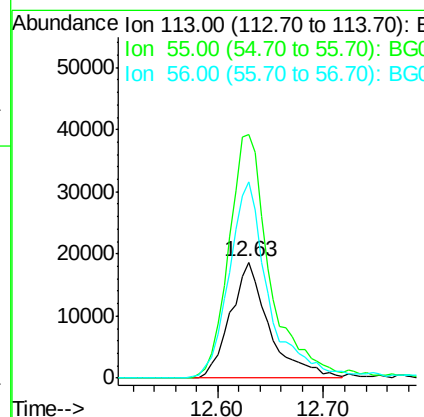
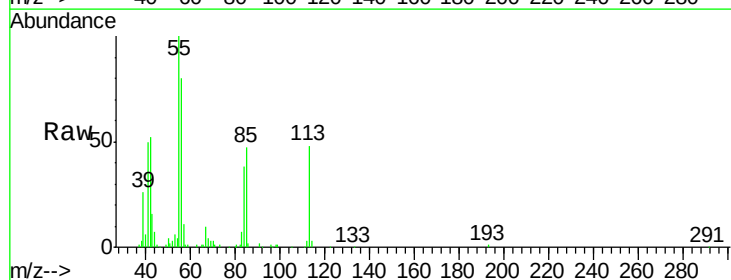
RT: 12.63 min Scan# 1590

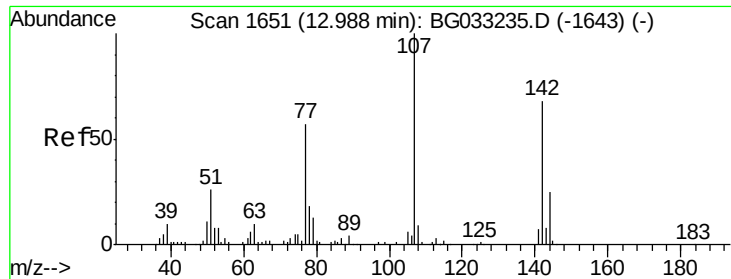
Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:	113	Resp:	47511
Ion Ratio	Lower	Upper	
113	100		
55	210.1	186.9	226.9
56	168.9	130.9	170.9





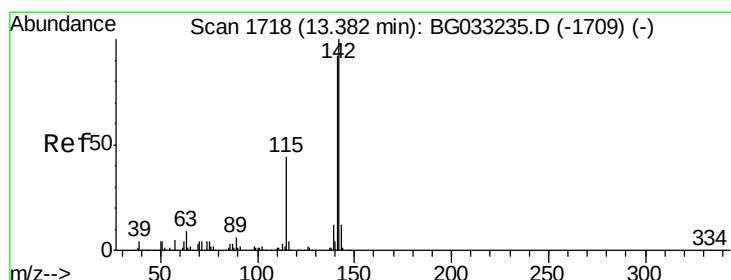
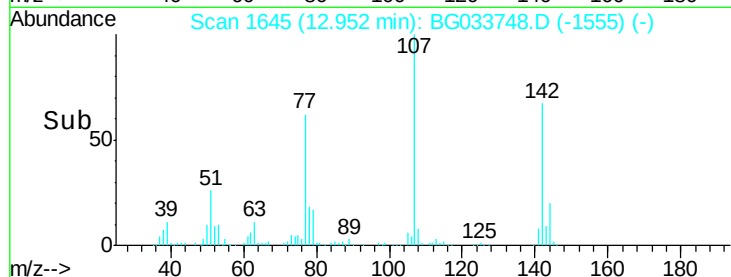
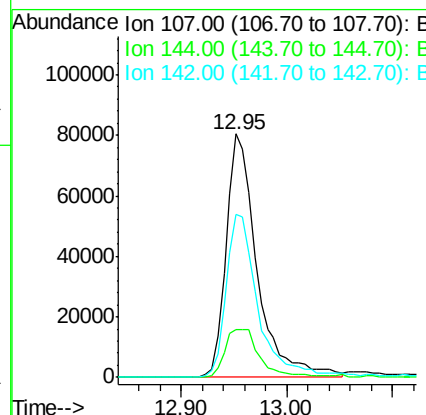
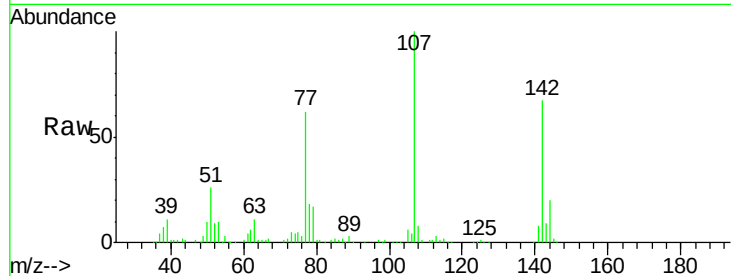
#36
 4-Chloro-3-methylphenol
 Concen: 54.751 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampled :
 PB108149BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163167		
144	19.6	18.2	27.4	
142	67.0	59.0	88.4	

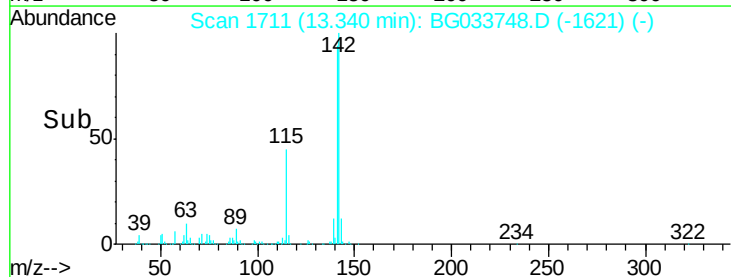
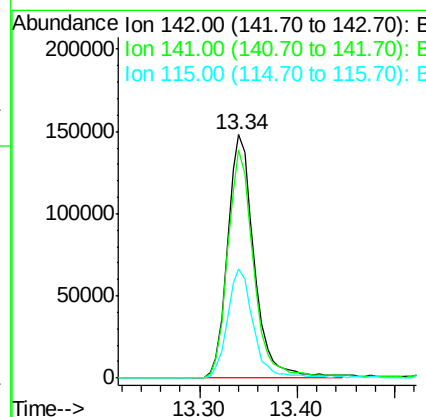
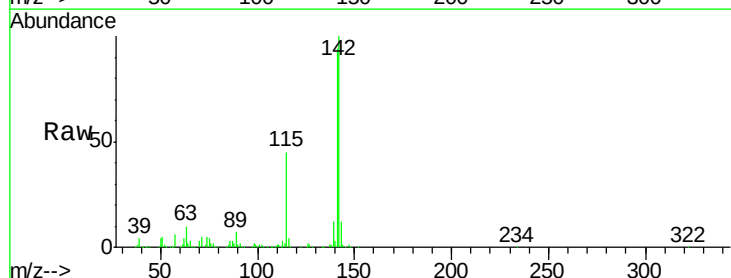
Manual Integrations
 APPROVED

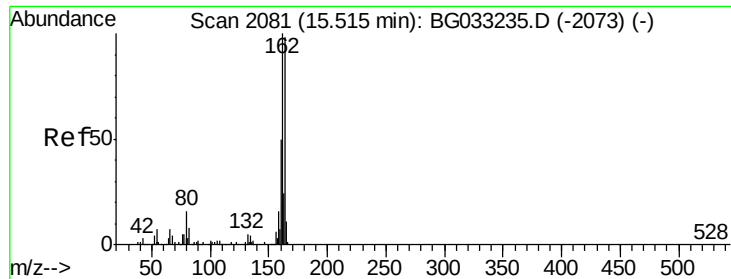
Sohil
 4/12/2018 2:35:32 PM



#37
 2-Methylnaphthalene
 Concen: 47.718 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	278303		
141	93.8	67.1	100.7	
115	44.6	30.7	46.1	





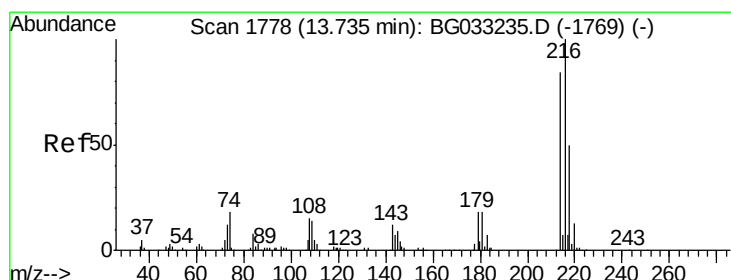
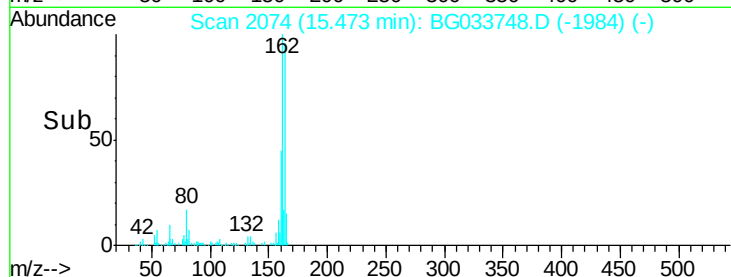
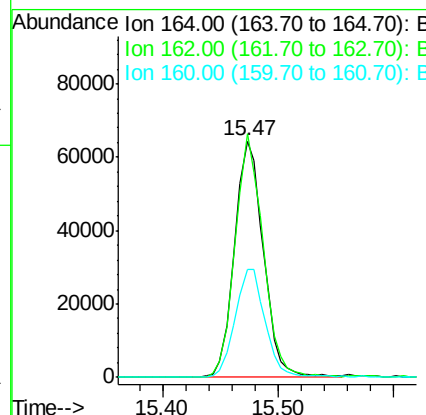
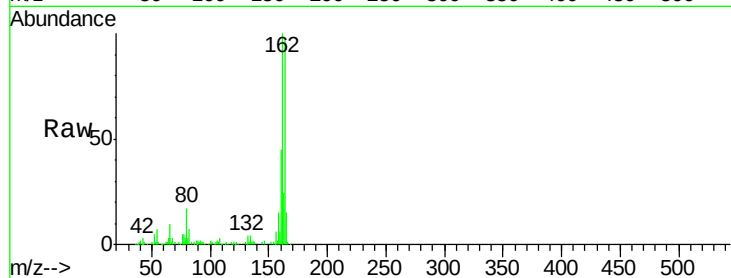
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	45.8	35.4	53.0

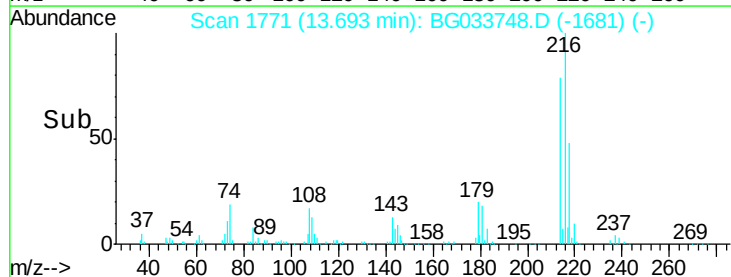
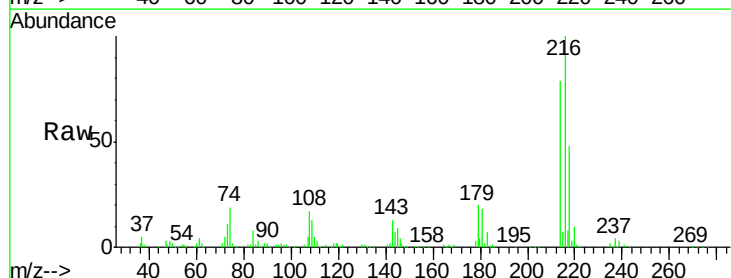
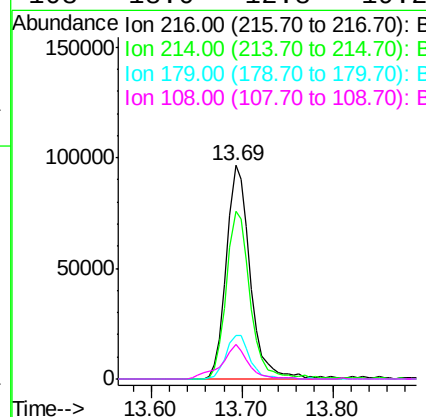
Manual Integrations
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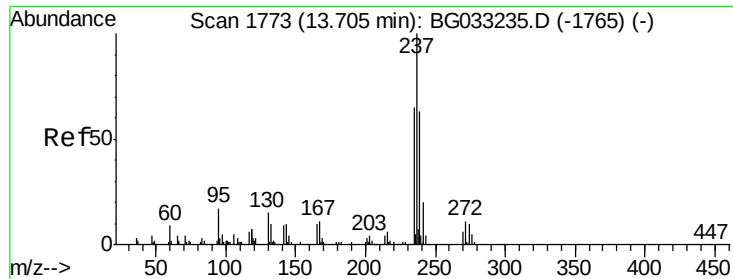
Sohil
4/12/2018 2:35:32 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.529 ng
RT: 13.69 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.5	17.0	25.6
108	18.0	12.8	19.2





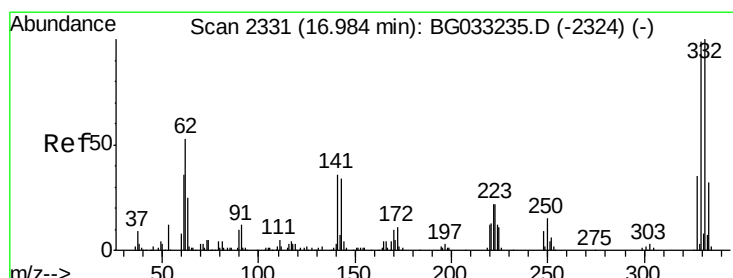
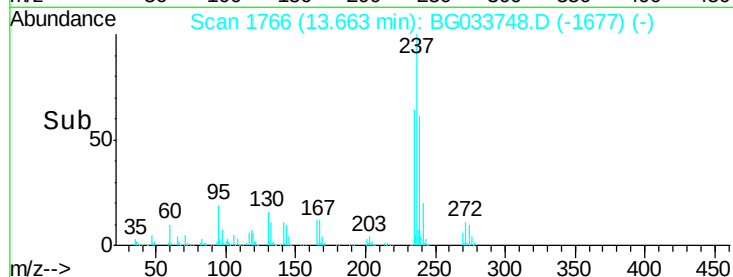
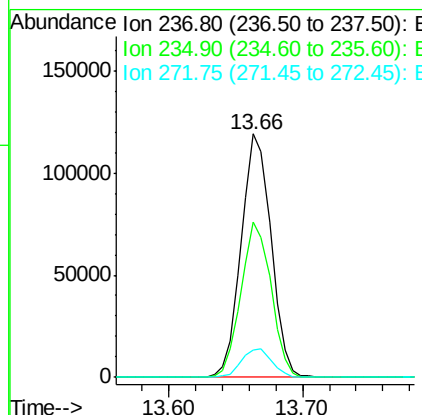
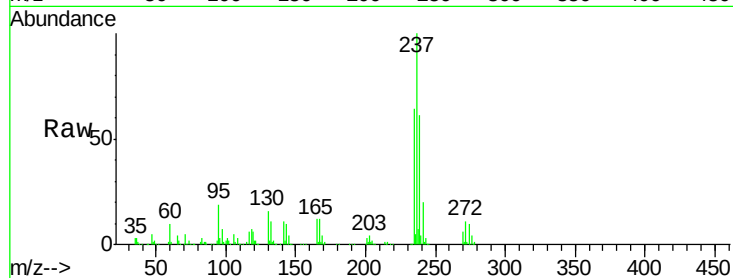
#40
Hexachlorocyclopentadiene
Concen: 77.583 ng
RT: 13.66 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	50.4	90.4
272	11.4	0.0	31.8

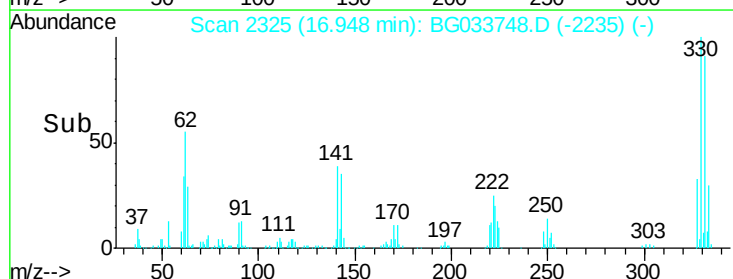
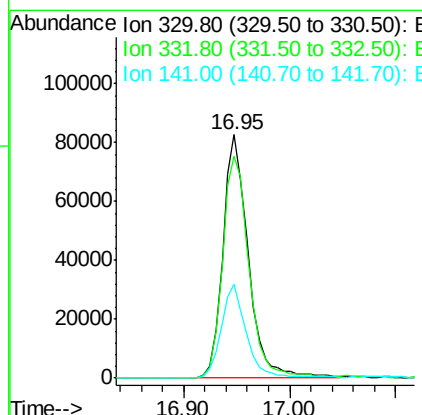
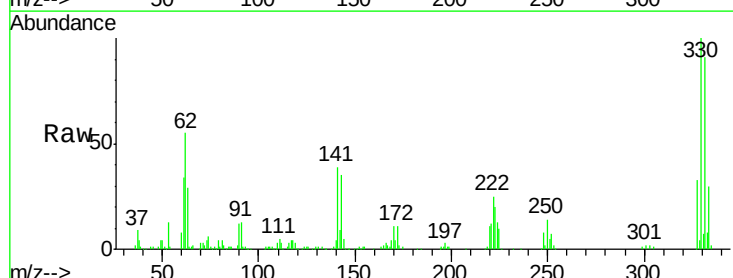
Manual Integrations
APPROVED

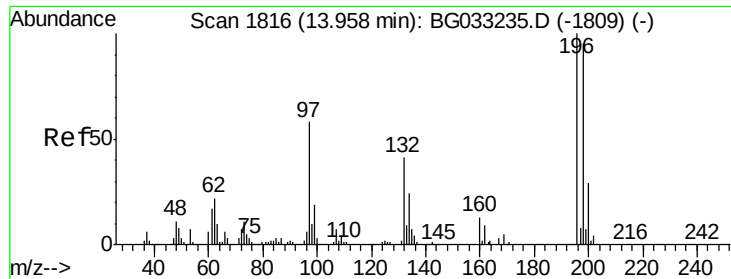
Sohil
4/12/2018 2:35:32 PM



#41
2,4,6-Tribromophenol
Concen: 82.784 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.6	25.2	37.8





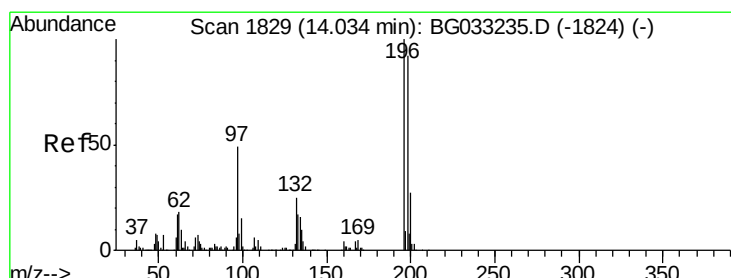
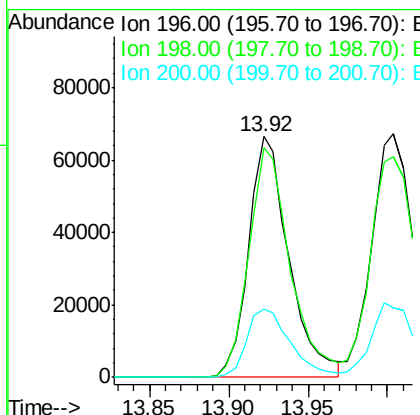
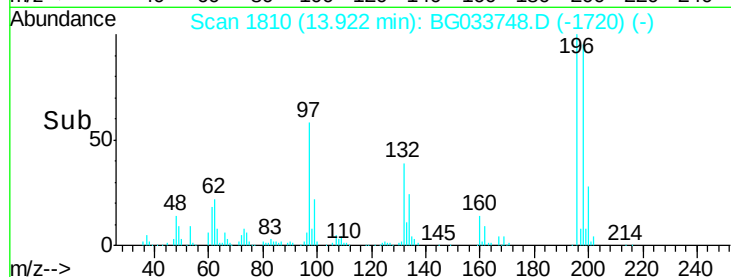
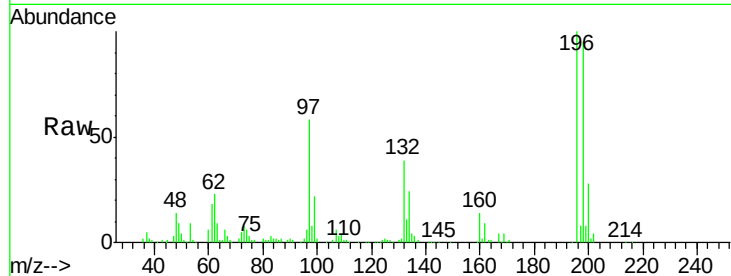
#42
 2,4,6-Trichlorophenol
 Concen: 50.006 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampled :
 PB108149BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117677		
198	95.3	78.2	117.2	
200	28.3	24.6	36.8	

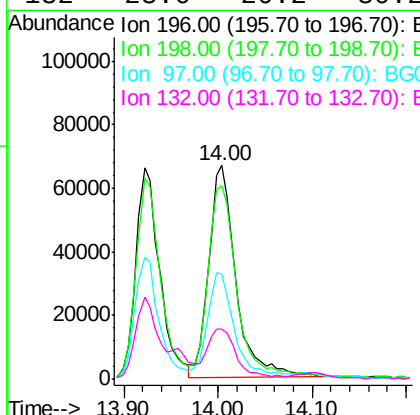
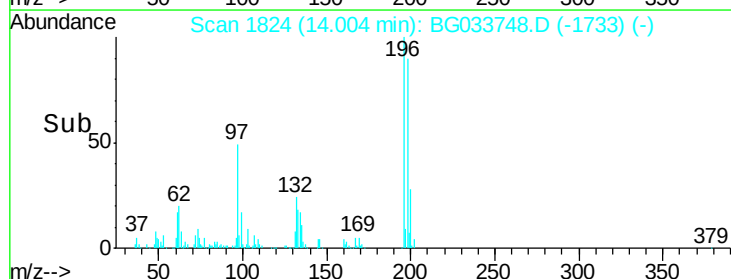
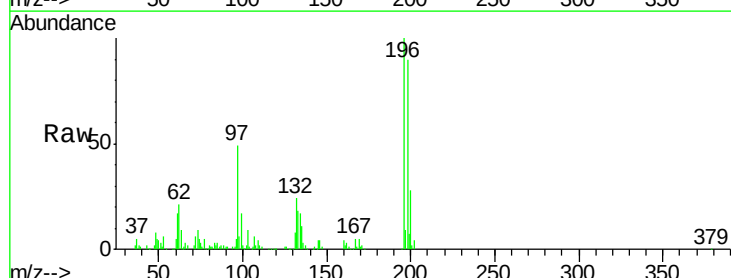
Manual Integrations
 APPROVED

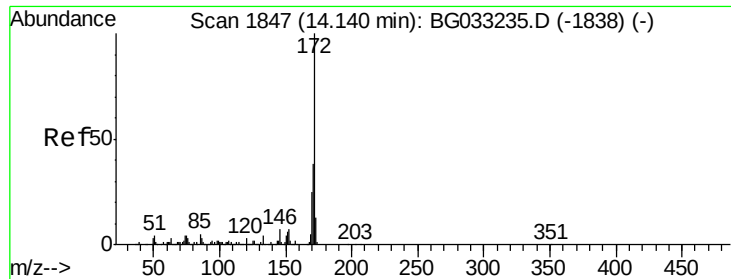
Sohil
 4/12/2018 2:35:32 PM



#43
 2,4,5-Trichlorophenol
 Concen: 49.354 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137280		
198	90.4	76.2	114.4	
97	49.2	38.7	58.1	
132	23.6	20.2	30.2	





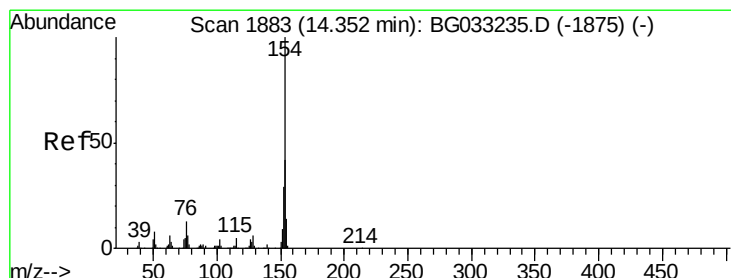
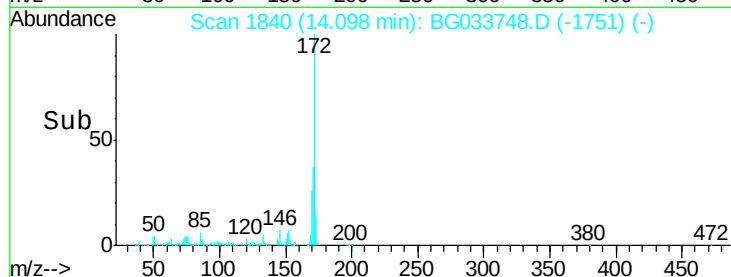
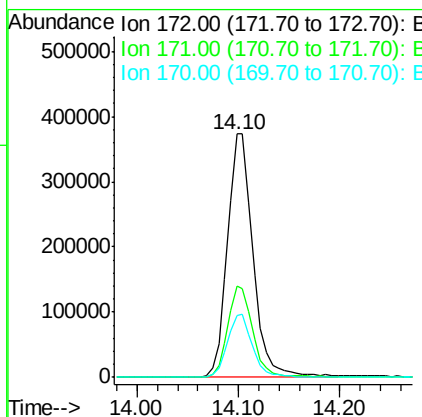
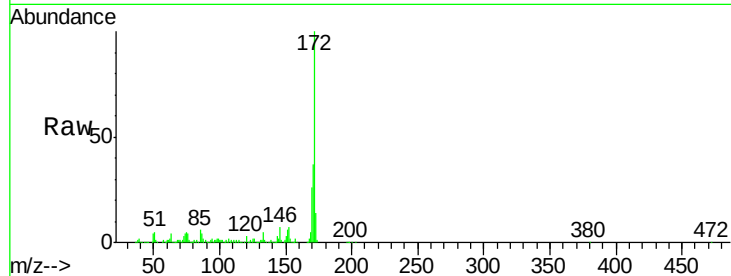
#44
2-Fluorobiphenyl
Concen: 84.697 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	25.5	19.5	29.3

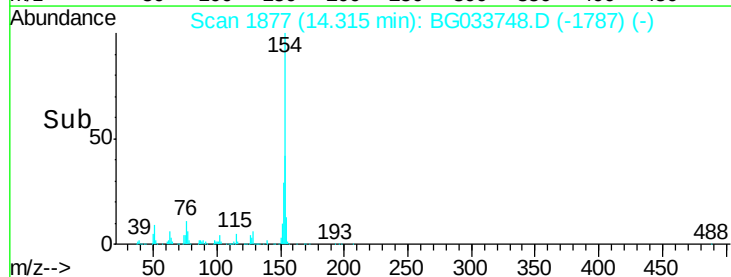
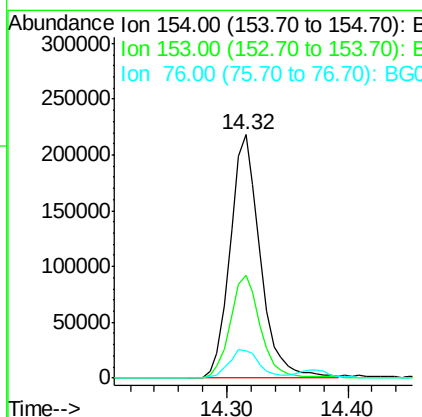
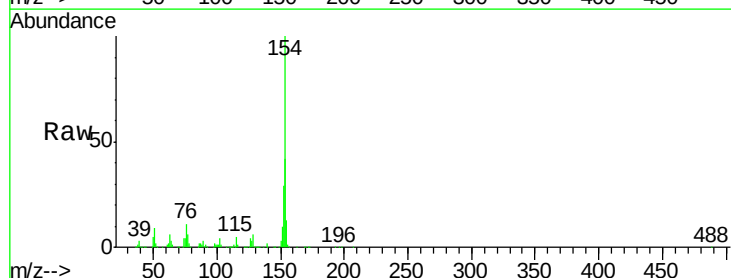
Manual Integrations
APPROVED

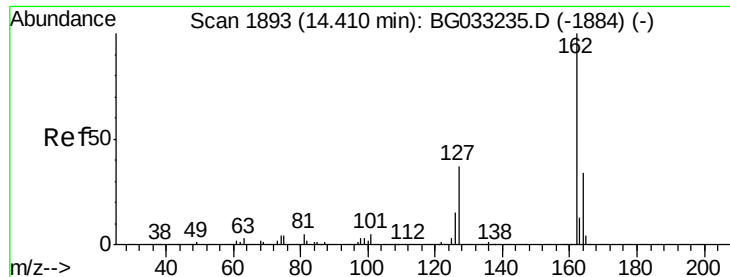
Sohil
4/12/2018 2:35:32 PM



#45
1,1'-Biphenyl
Concen: 43.983 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	11.3	0.0	31.9





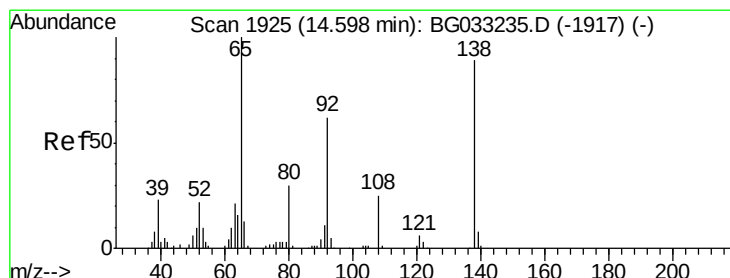
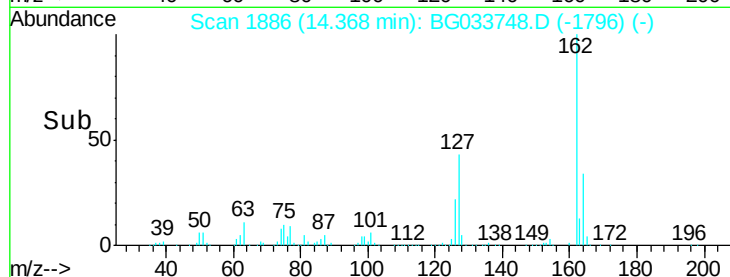
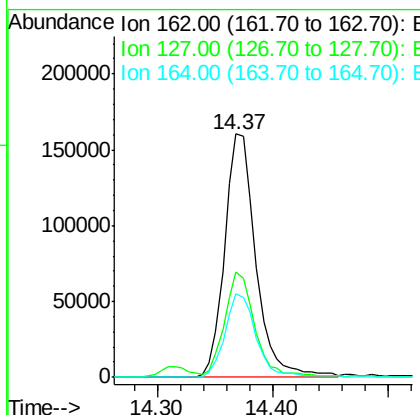
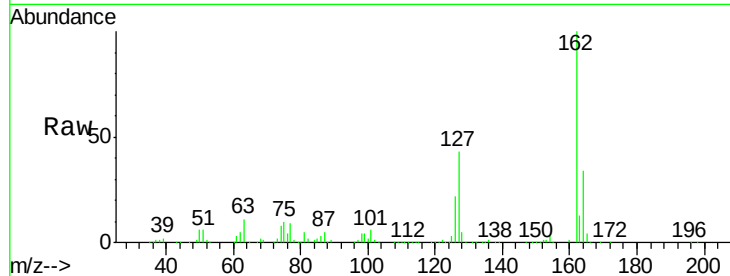
#46
2-Chloronaphthalene
Concen: 45.431 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	30.7	46.1
164	34.1	26.0	39.0

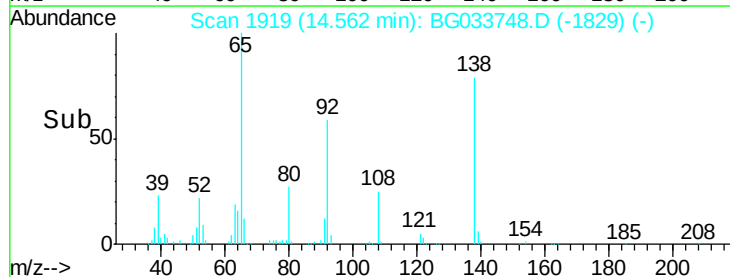
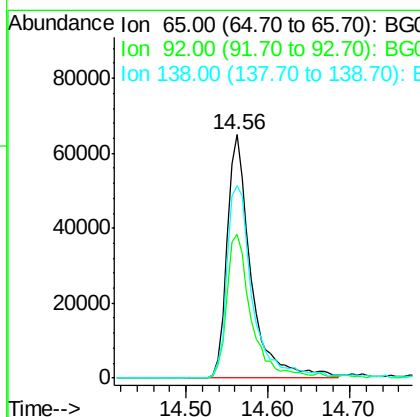
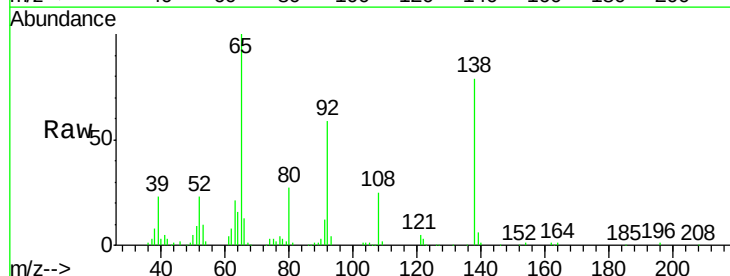
Manual Integrations
APPROVED

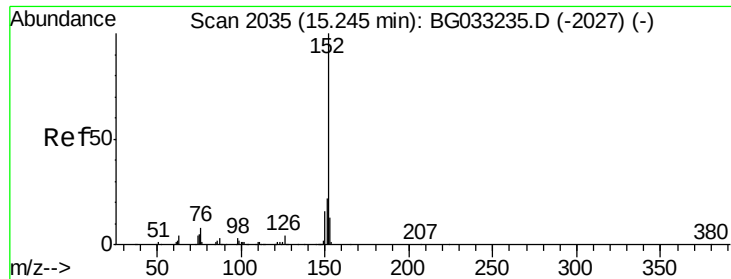
Sohil
4/12/2018 2:35:32 PM



#47
2-Nitroaniline
Concen: 53.080 ng
RT: 14.56 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.1	54.6	82.0
138	78.8	72.9	109.3





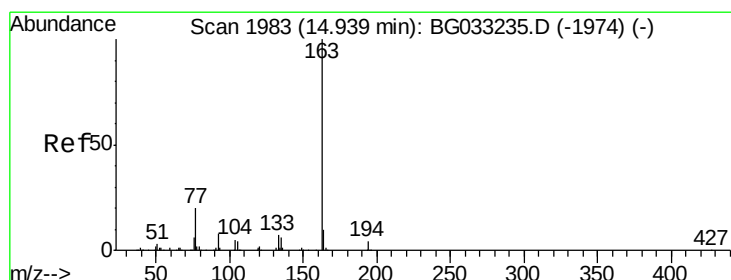
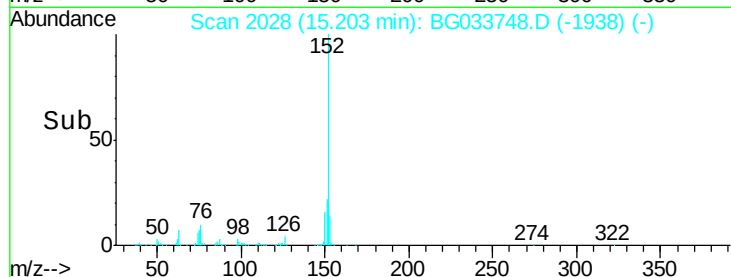
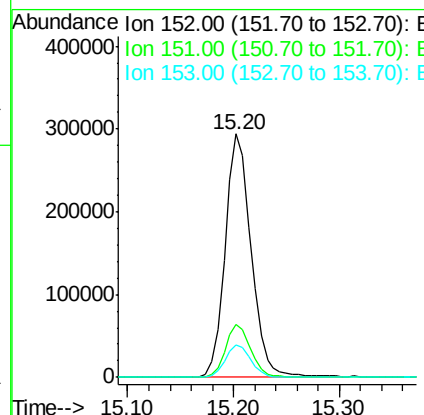
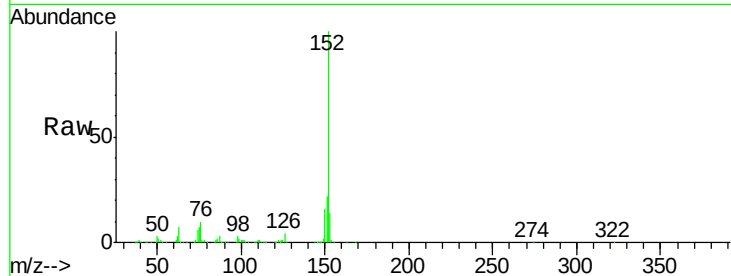
#48
Acenaphthylene
Concen: 45.133 ng
RT: 15.20 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	13.6	10.2	15.4

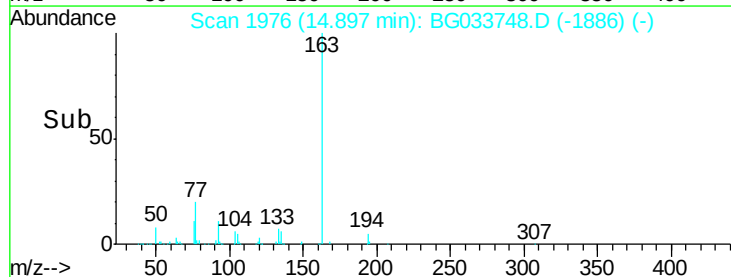
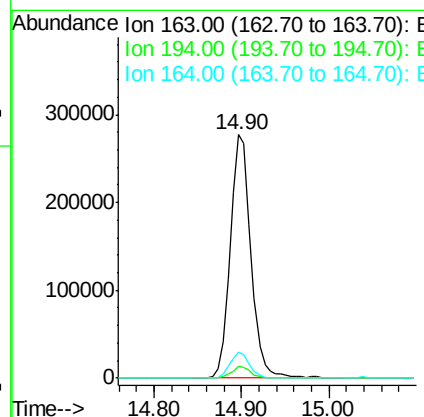
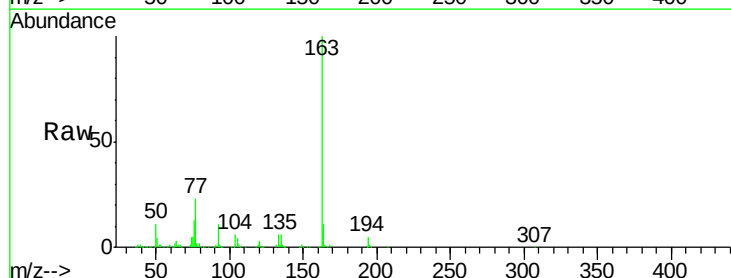
Manual Integrations
APPROVED

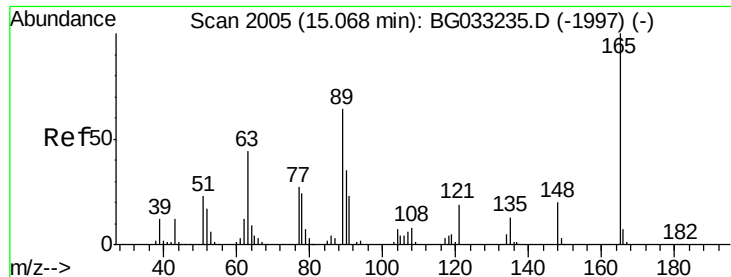
Sohil
4/12/2018 2:35:32 PM



#49
Dimethylphthalate
Concen: 46.141 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.7	8.2	12.4





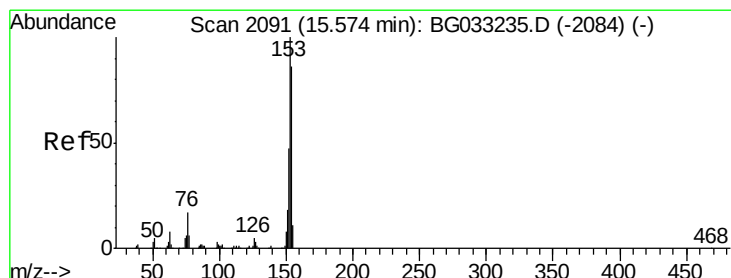
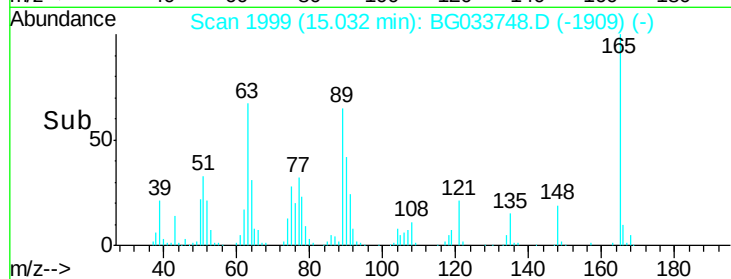
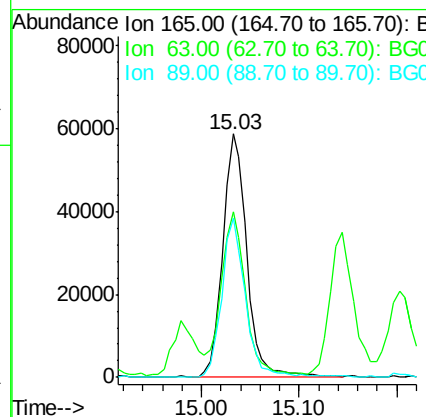
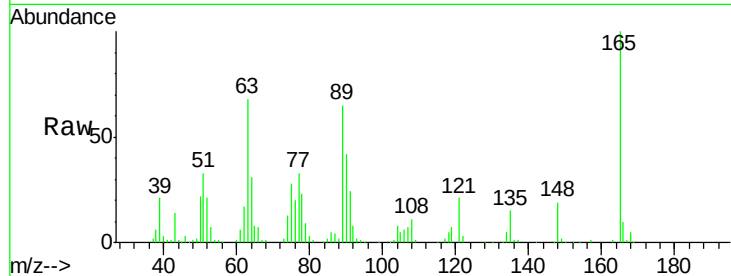
#50
2,6-Dinitrotoluene
Concen: 50.397 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.0	52.7	79.1
89	65.2	49.2	73.8

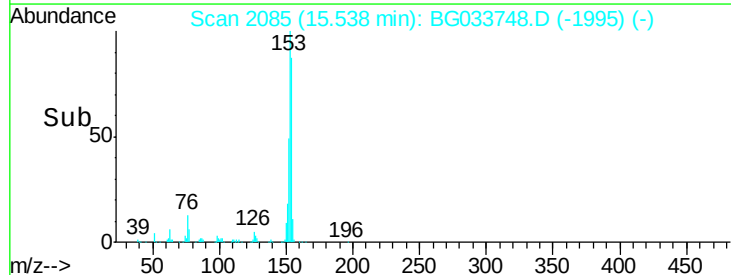
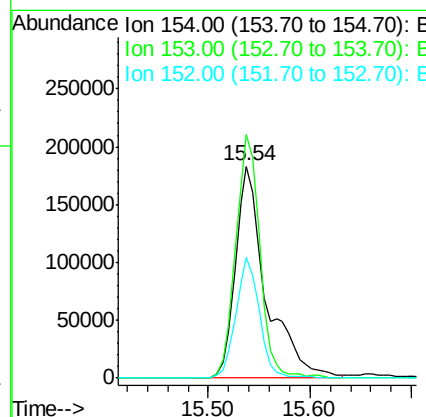
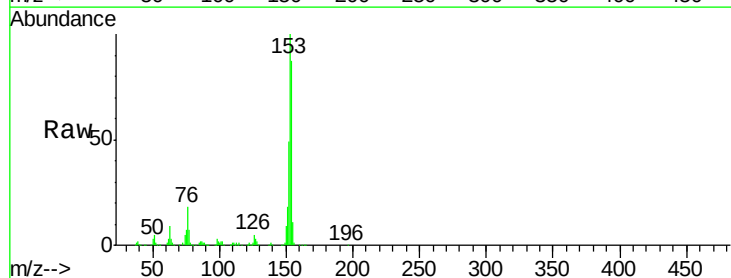
Manual Integrations
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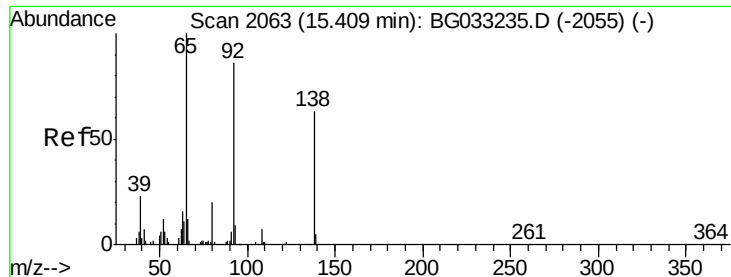
Sohil
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#51
Acenaphthene
Concen: 53.999 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.4	135.6
152	56.9	41.6	62.4





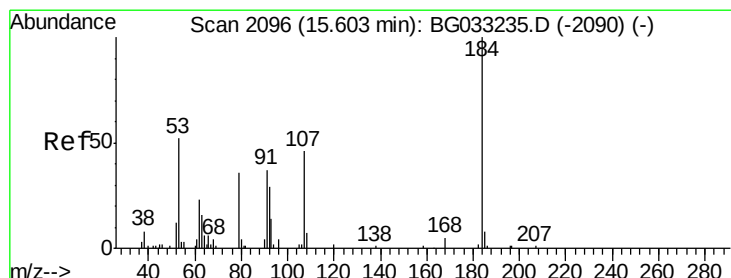
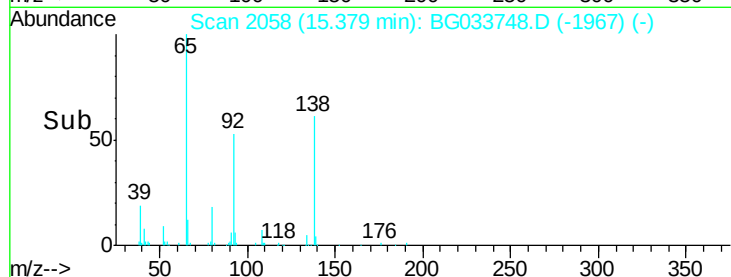
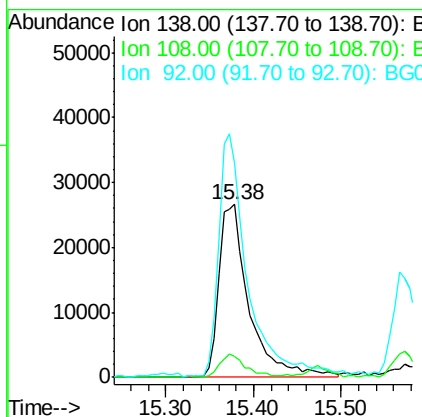
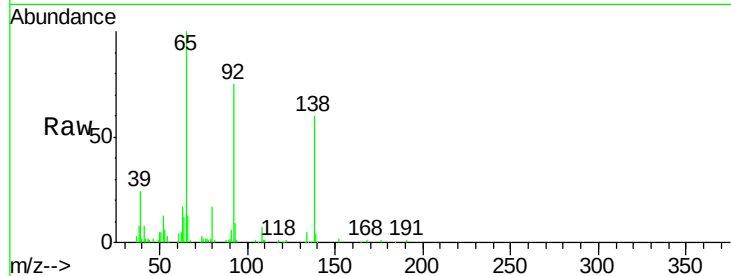
#52
3-Nitroaniline
Concen: 30.425 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleID :
PB108149BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	17.5	26.3#
92	124.1	105.8	158.8

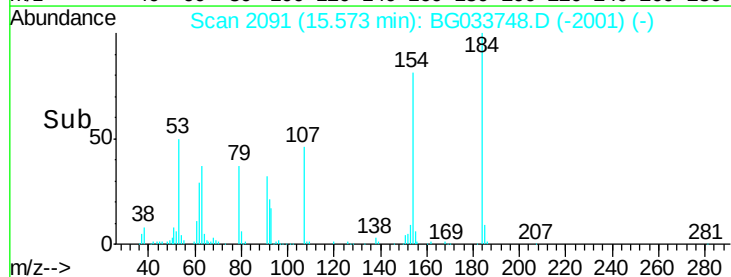
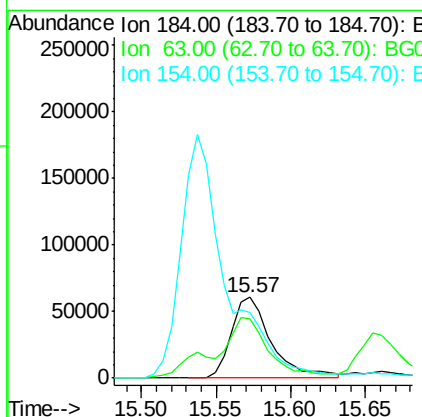
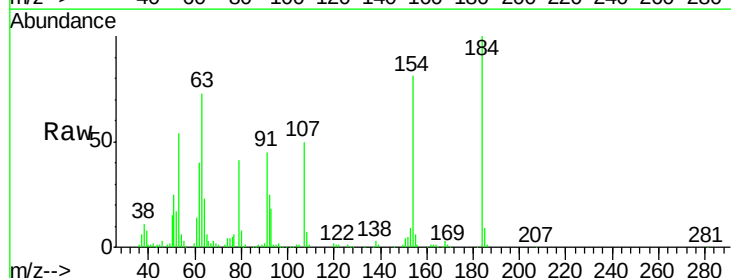
Manual Integrations
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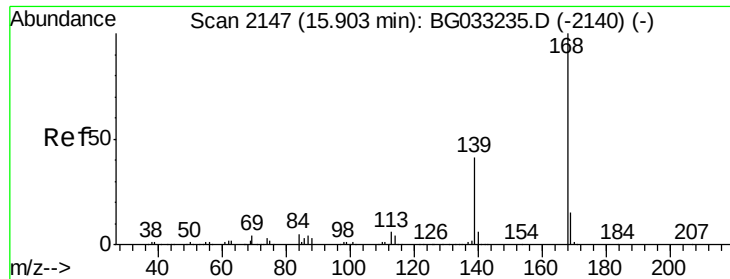
Sohil
4/12/2018 2:35:32 PM



#53
2,4-Dinitrophenol
Concen: 107.215 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.4	59.8	89.8
154	81.1	101.8	152.8#





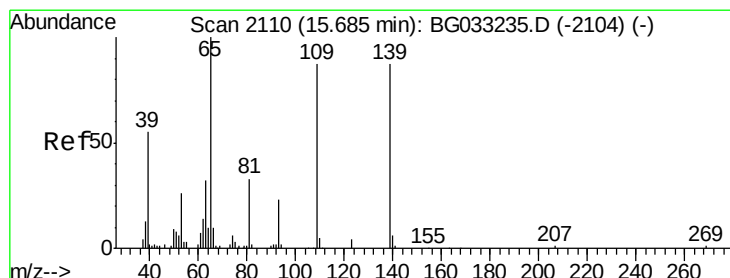
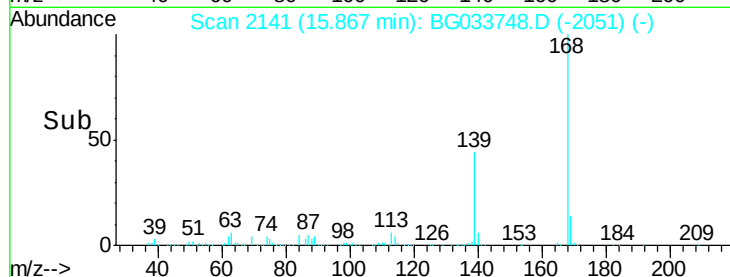
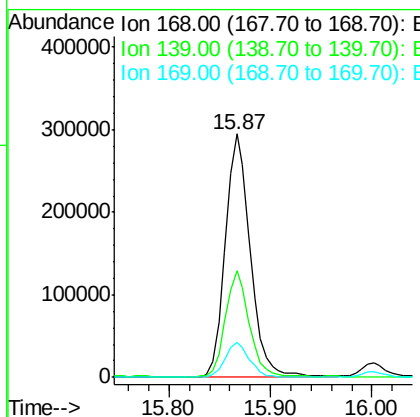
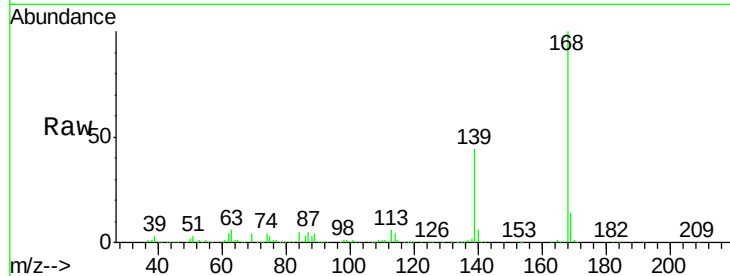
#54
Dibenzofuran
Concen: 47.992 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	28.6	43.0#
169	14.2	11.2	16.8

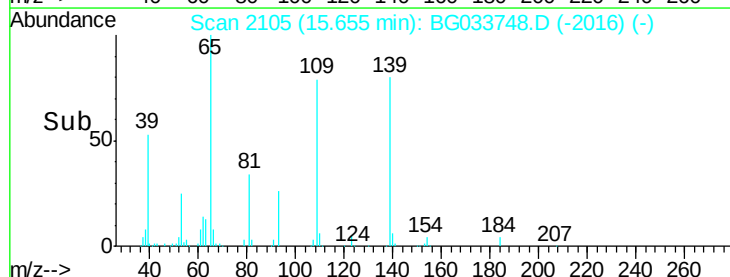
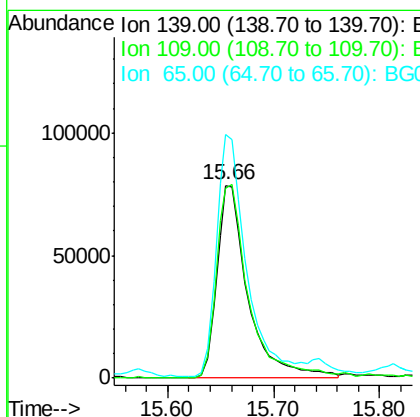
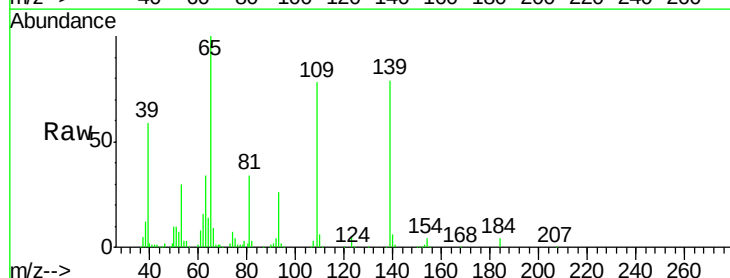
Manual Integrations
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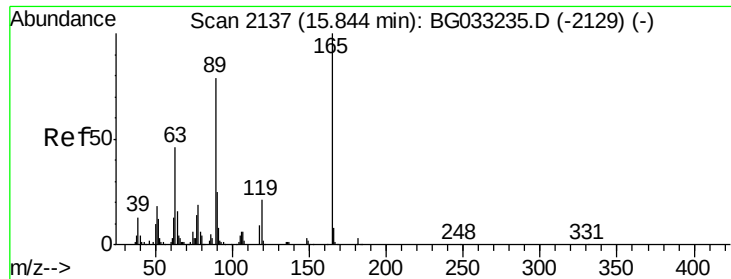
Sohil
4/12/2018 2:35:32 PM



#55
4-Nitrophenol
Concen: 110.359 ng
RT: 15.66 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.9	62.2	102.2
65	126.4	97.2	137.2





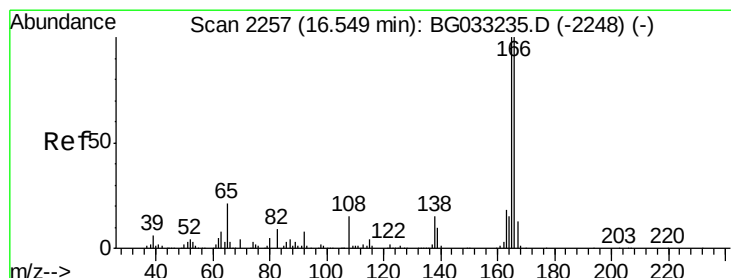
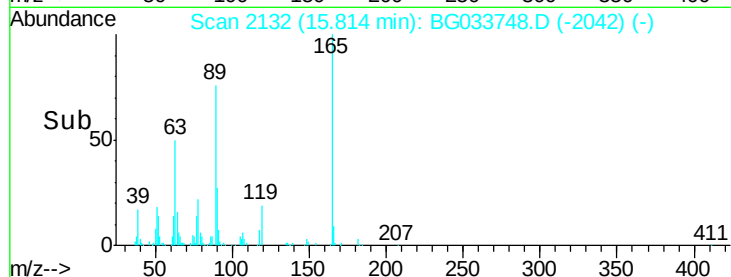
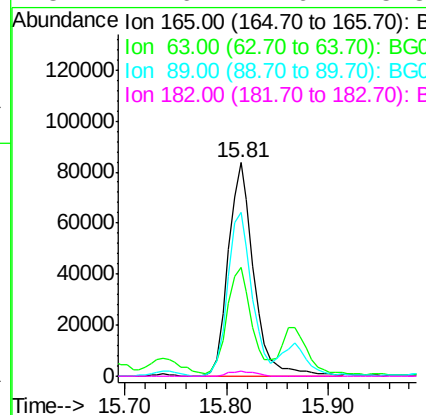
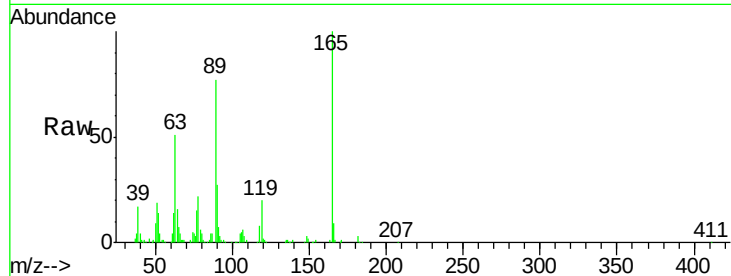
#56
2,4-Dinitrotoluene
Concen: 49.992 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	42.0	63.0
89	76.6	66.9	100.3
182	2.6	2.6	3.8

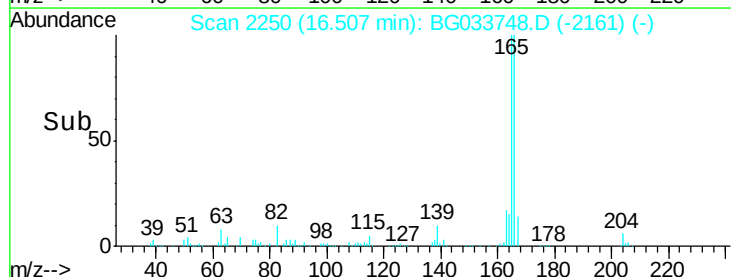
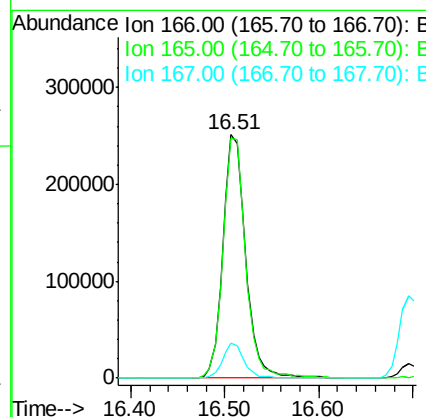
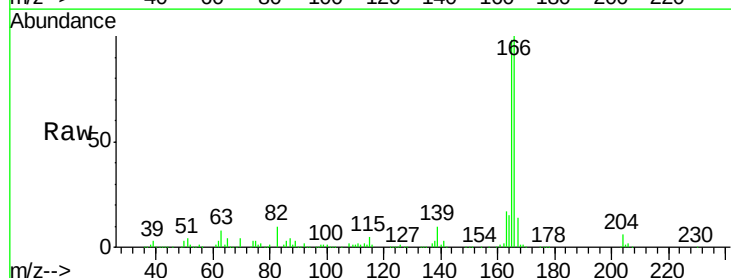
Manual Integrations
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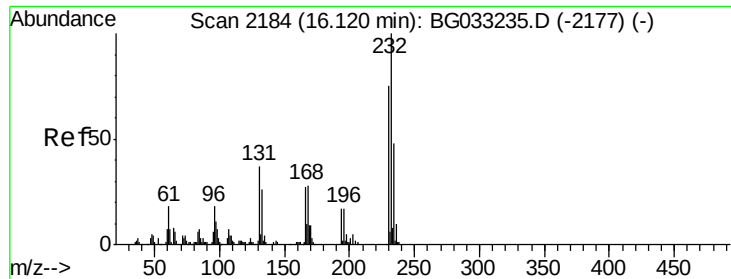
Sohil
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#57
Fluorene
Concen: 47.355 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.6	121.0
167	14.2	10.4	15.6





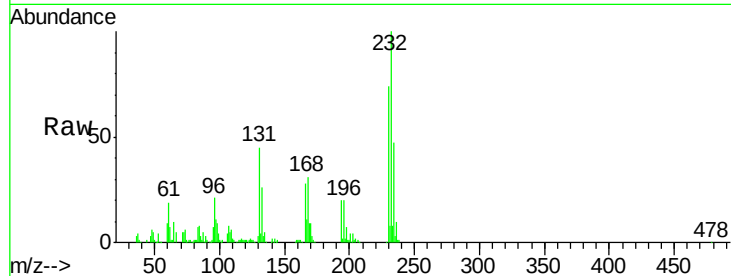
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.731 ng
 RT: 16.08 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

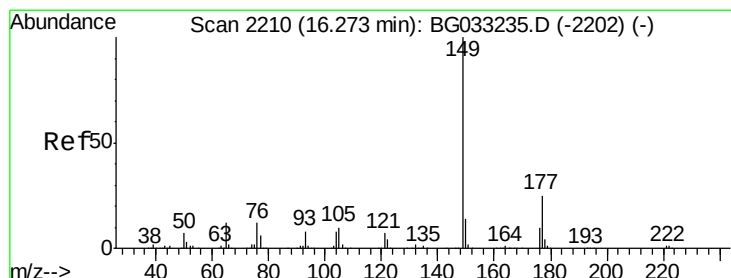
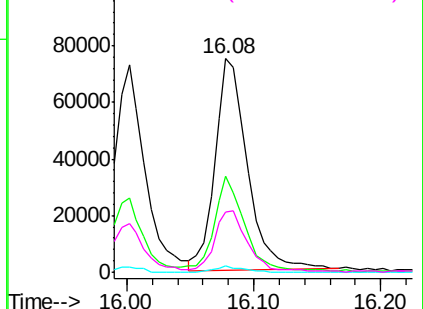
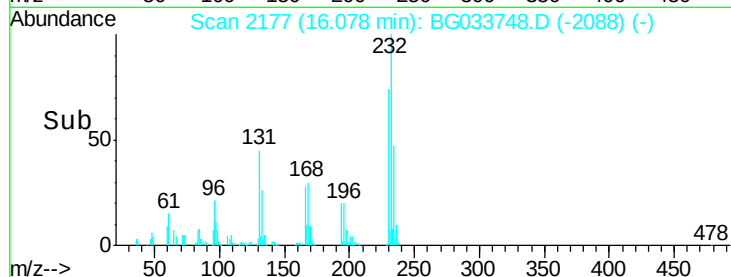
Tot Ion:	232	Resp:	132842
Ion Ratio	Lower	Upper	
232	100		
131	42.1	33.5	50.3
130	2.5	2.2	3.2
166	28.4	24.8	37.2

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 4/12/2018 2:35:32 PM

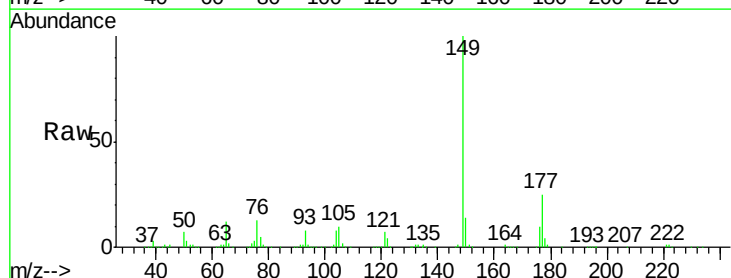


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

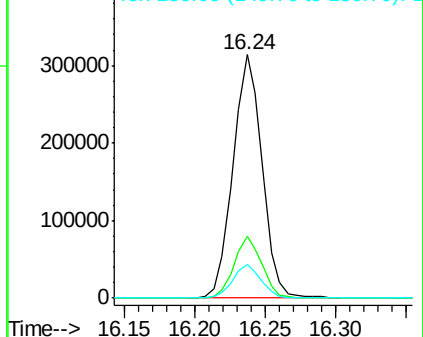
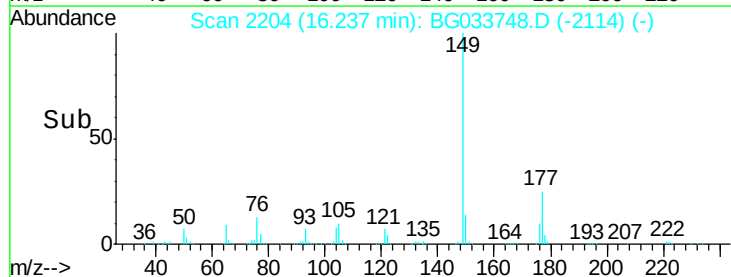


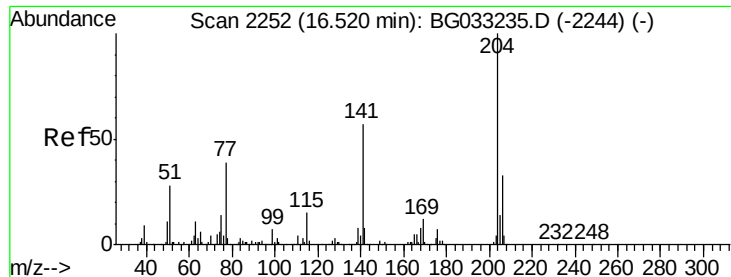
#59
 Diethylphthalate
 Concen: 47.622 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion:	149	Resp:	449988
Ion Ratio	Lower	Upper	
149	100		
177	25.4	18.5	27.7
150	13.8	10.2	15.2



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





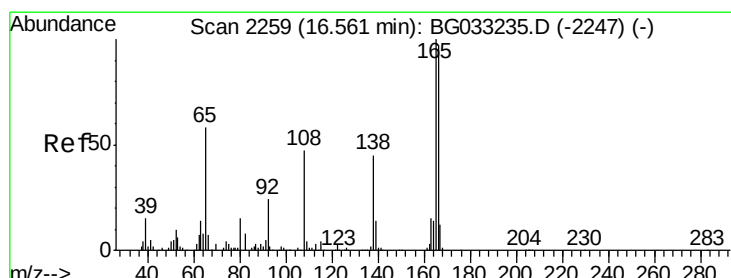
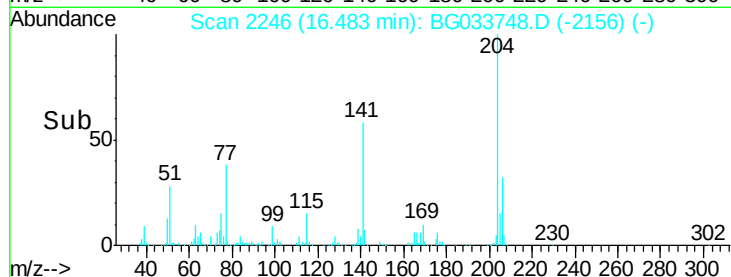
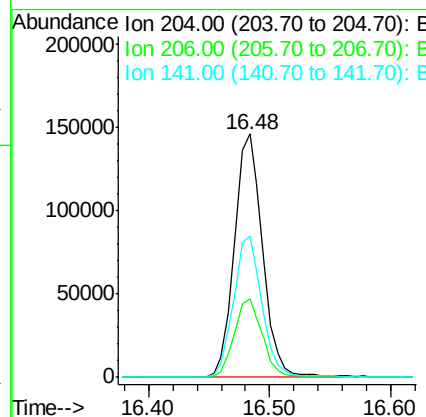
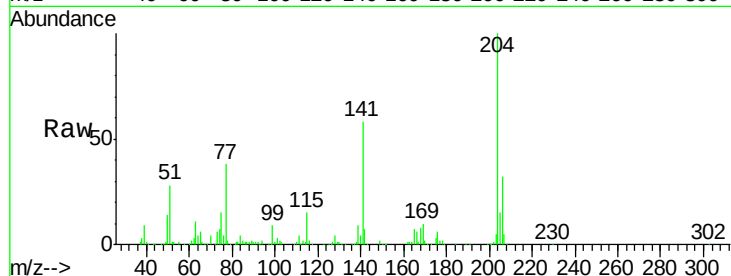
#60
4-Chlorophenyl-phenylether
Concen: 45.954 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	236932		
206	32.2		26.2	39.2
141	58.1		45.8	68.6

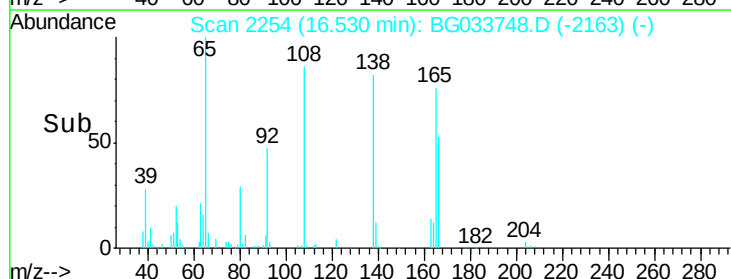
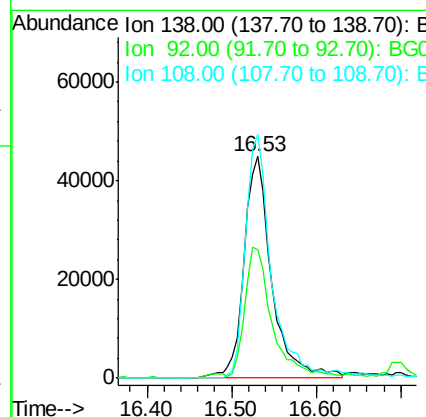
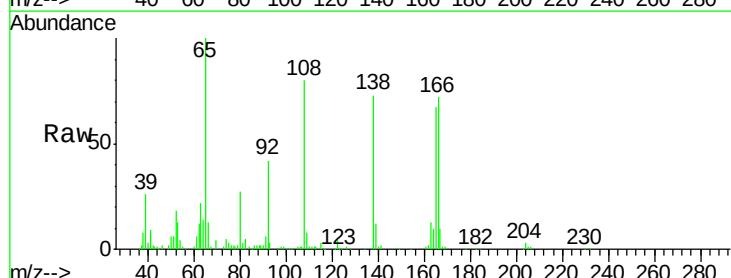
Manual Integrations
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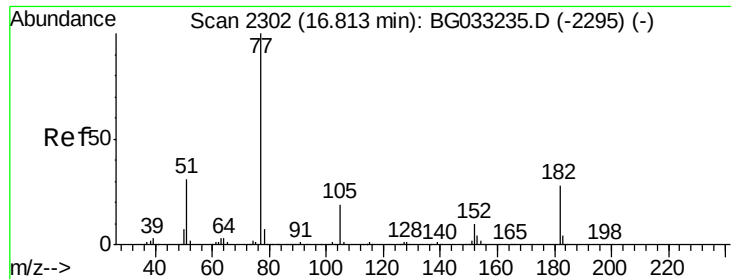
Sohil
4/12/2018 2:35:32 PM



#61
4-Nitroaniline
Concen: 48.215 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	101853		
92	57.8		40.1	80.1
108	109.8		65.4	105.4





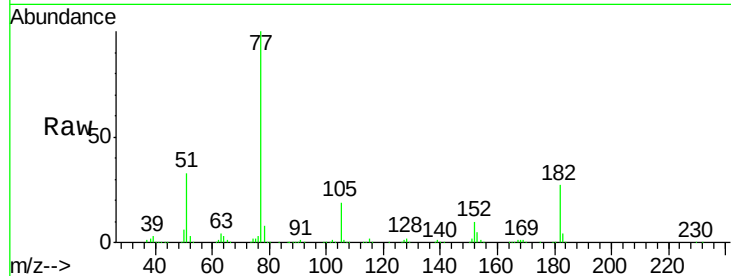
#62
Azobenzene
Concen: 48.564 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

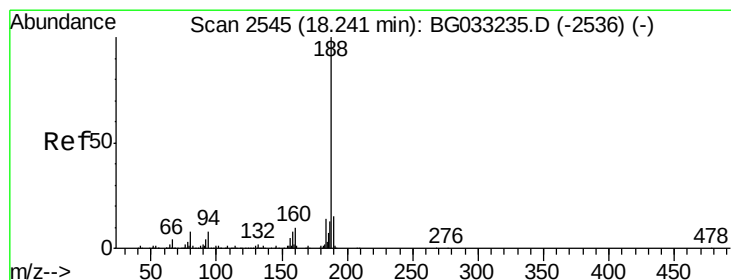
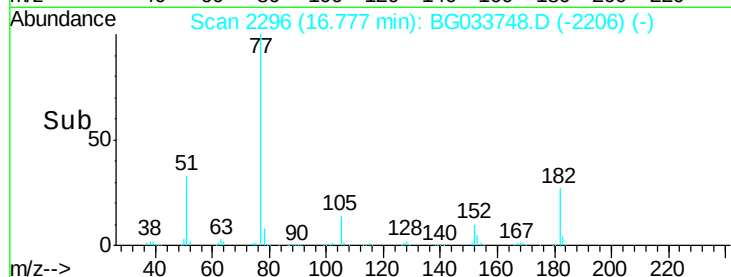
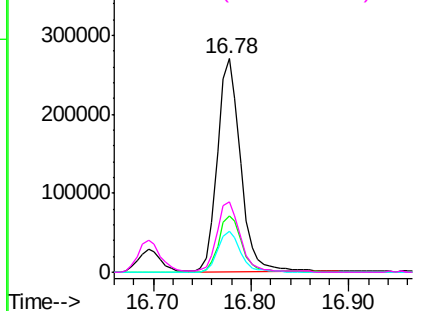
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	7.4	47.4	
105	19.1	0.3	40.3	
51	33.2	11.6	51.6	

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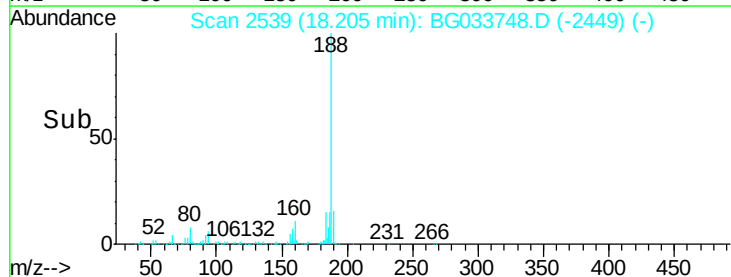
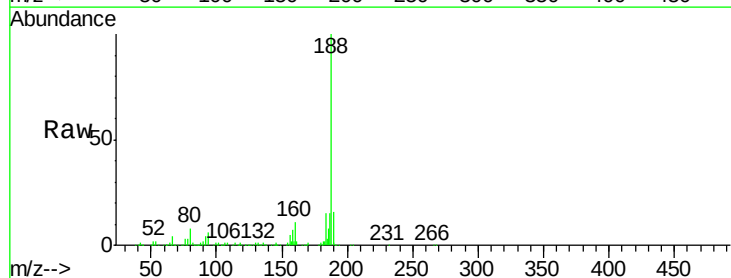
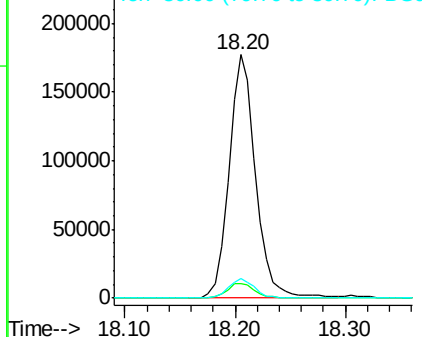
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

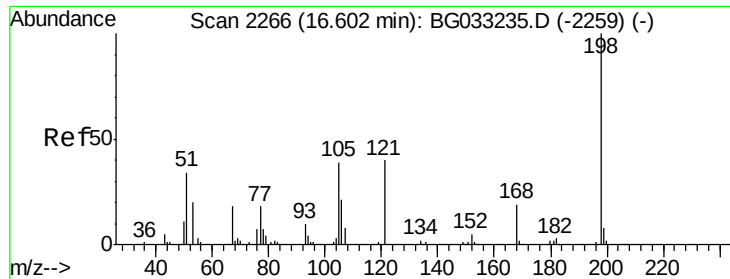


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	6.9	10.3#	
80	7.9	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





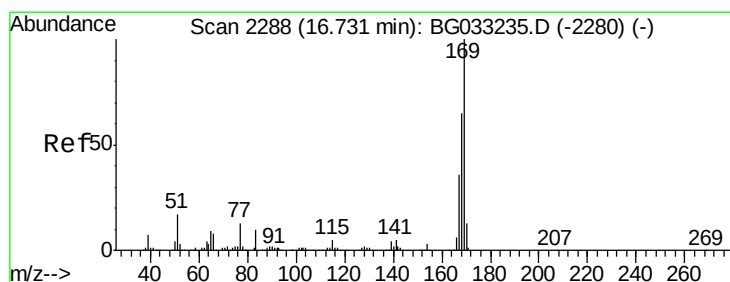
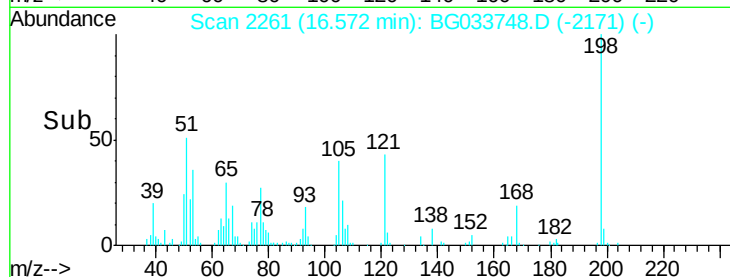
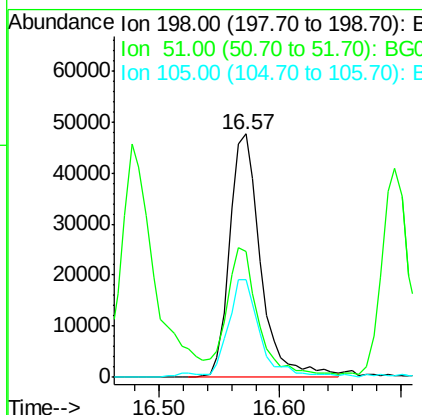
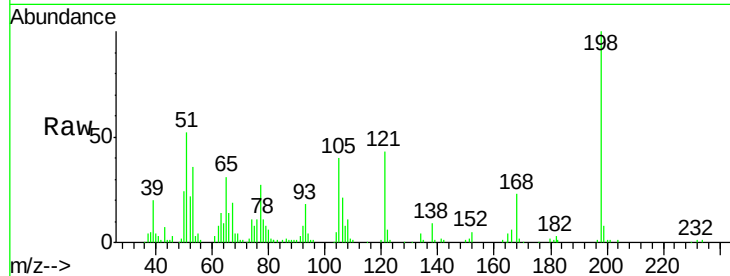
#64
4,6-Dinitro-2-methylphenol
Concen: 47.953 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.6	30.6	70.6
105	40.2	23.8	63.8

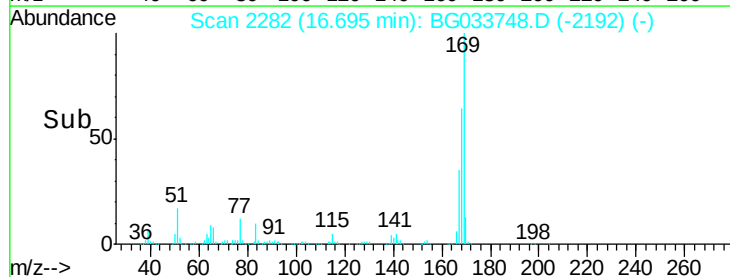
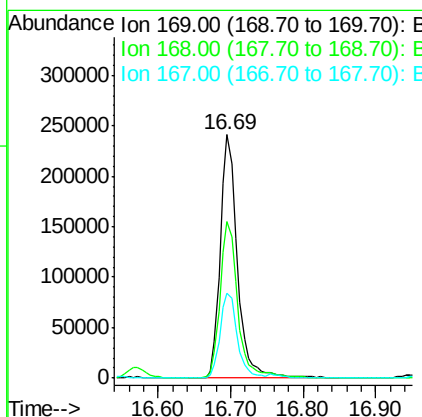
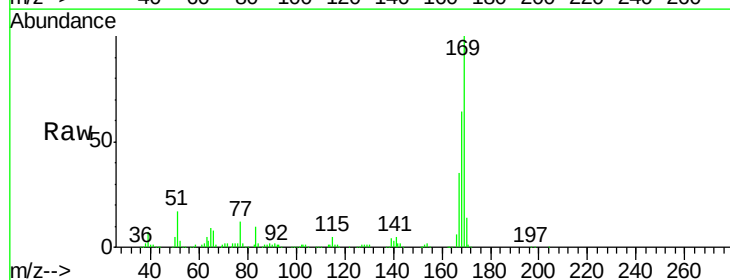
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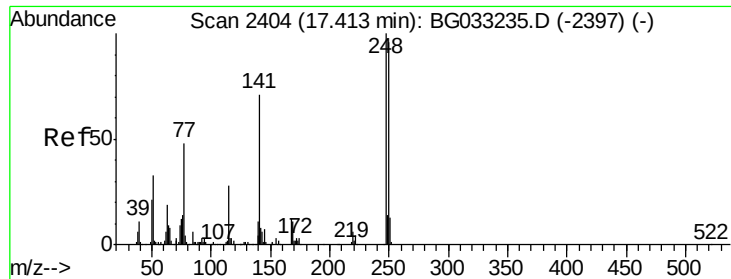
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#65
n-Nitrosodiphenylamine
Concen: 46.903 ng
RT: 16.69 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.1	55.7	83.5
167	35.0	30.1	45.1





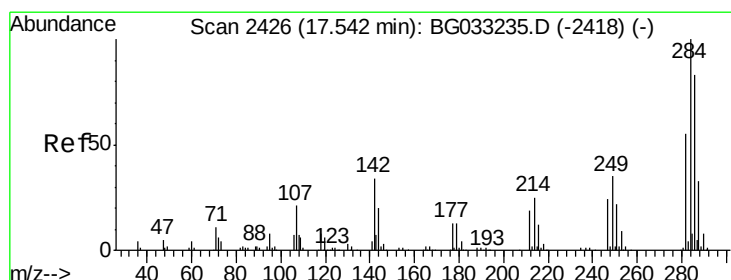
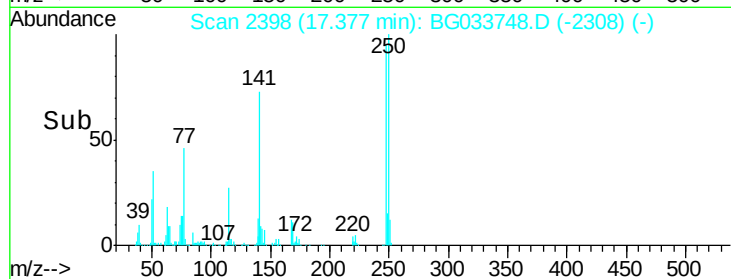
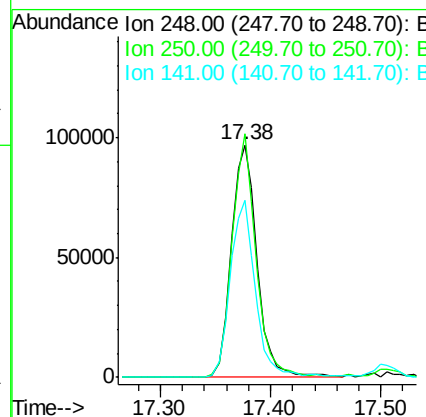
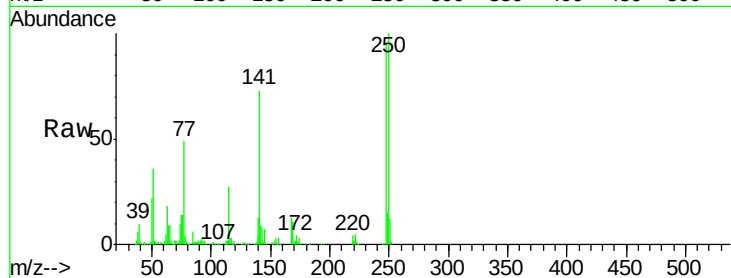
#66
4-Bromophenyl-phenylether
Concen: 45.537 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	104.8	77.1	115.7
141	76.2	50.8	76.2#

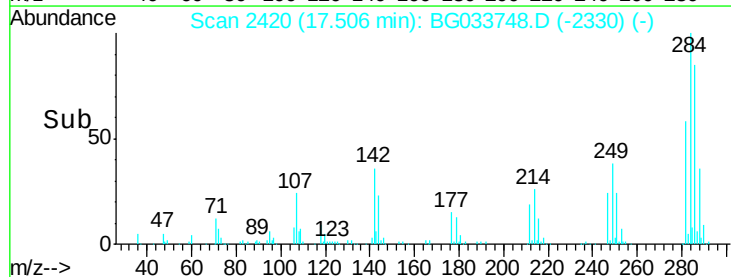
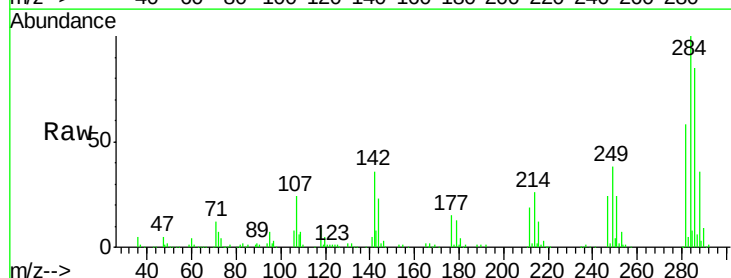
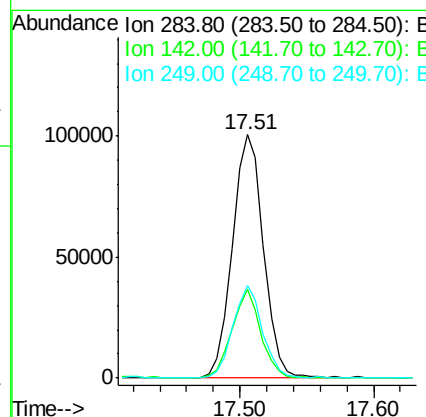
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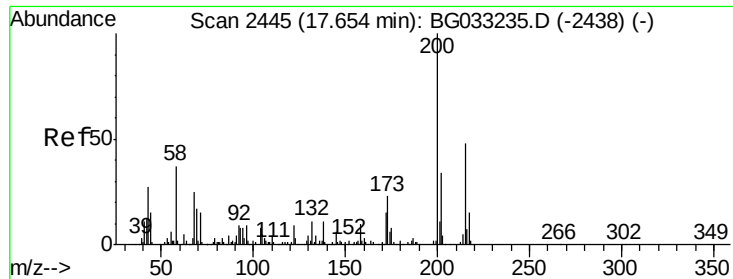
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#67
Hexachlorobenzene
Concen: 44.433 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	26.8	40.2
249	38.0	26.3	39.5





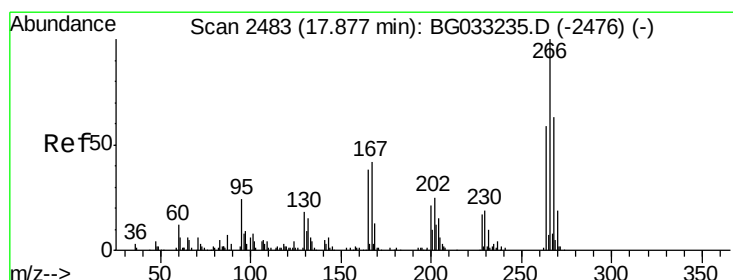
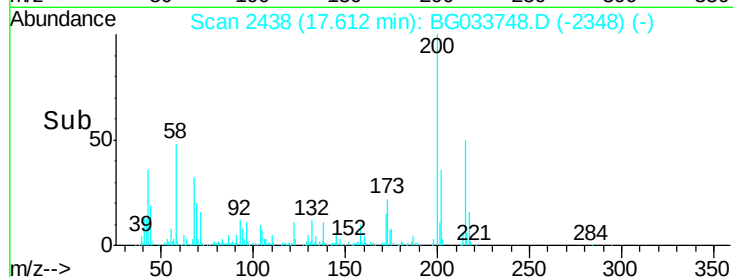
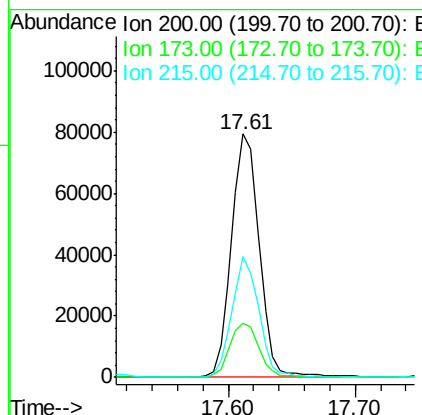
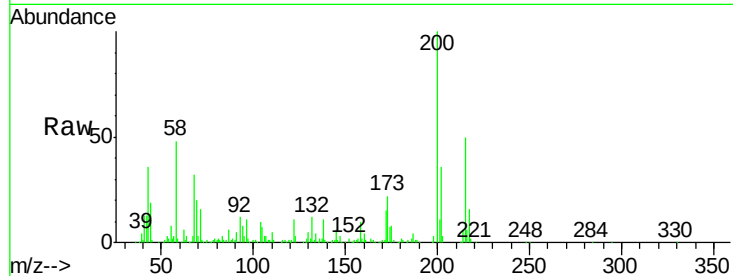
#68
Atrazine
Concen: 35.092 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.5	5.2	45.2
215	49.8	30.4	70.4

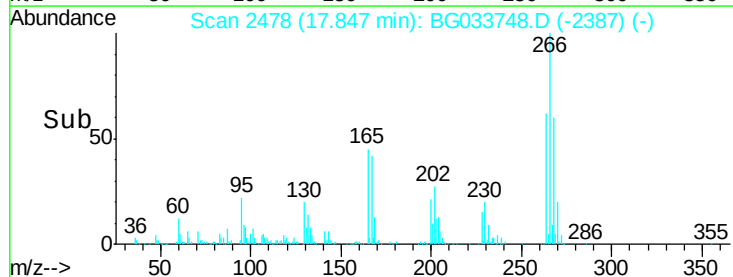
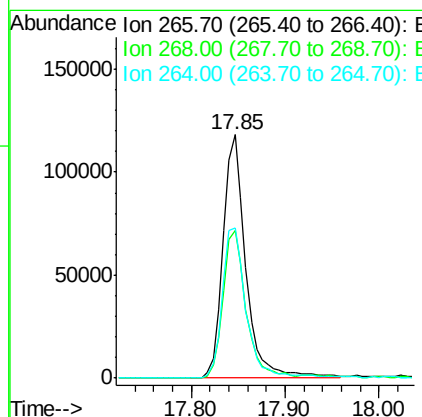
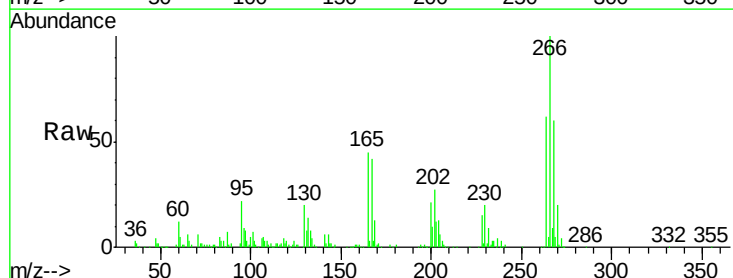
Manual Integrations
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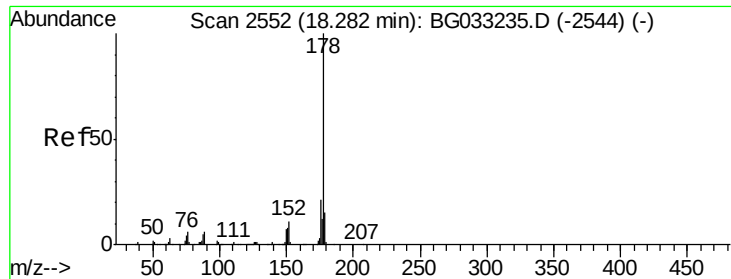
Sohil
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#69
Pentachlorophenol
Concen: 79.519 ng
RT: 17.85 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	60.4	51.1	76.7
264	61.8	49.6	74.4





#70

Phenanthrene

Concen: 47.629 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

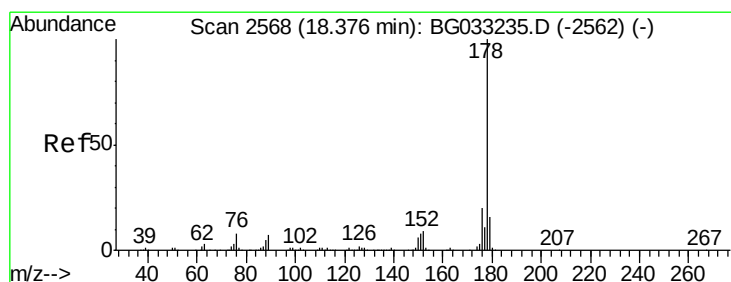
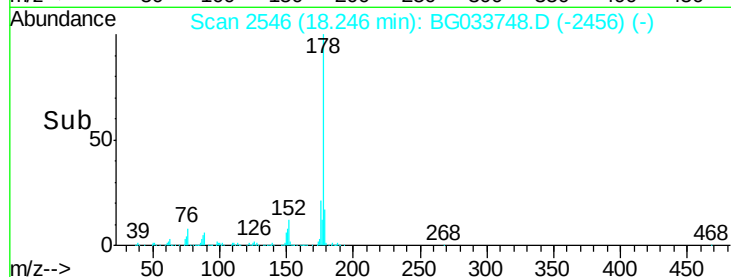
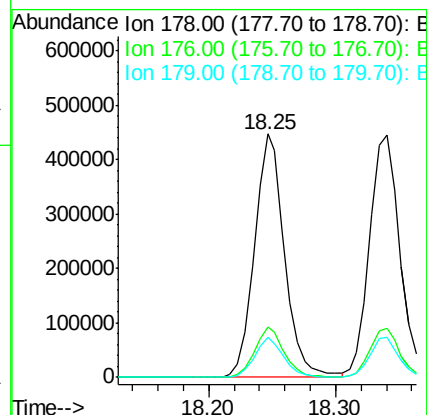
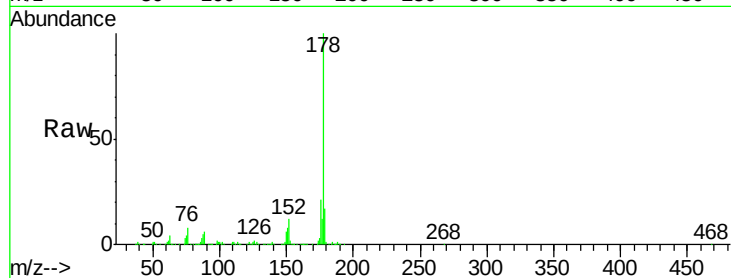
ClientSampleId :

PB108149BS

Tot Ion:	178	Resp:	734758
Ion Ratio	Lower	Upper	
178	100		
176	20.8	15.7	23.5
179	16.6	12.5	18.7

Manual Integrations
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#71

Anthracene

Concen: 47.656 ng

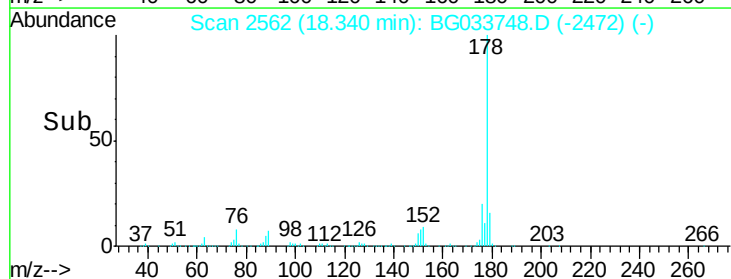
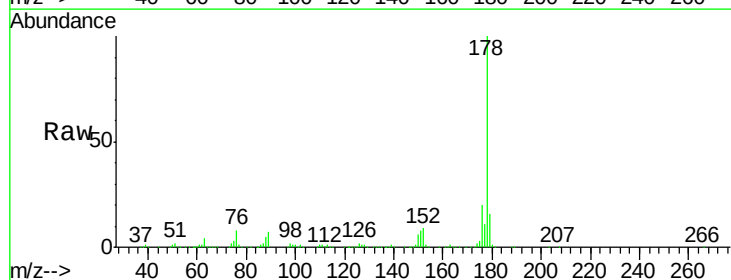
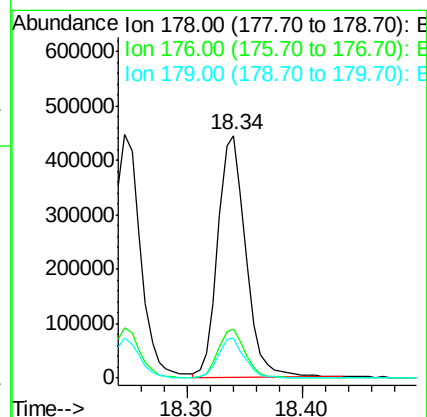
RT: 18.34 min Scan# 2562

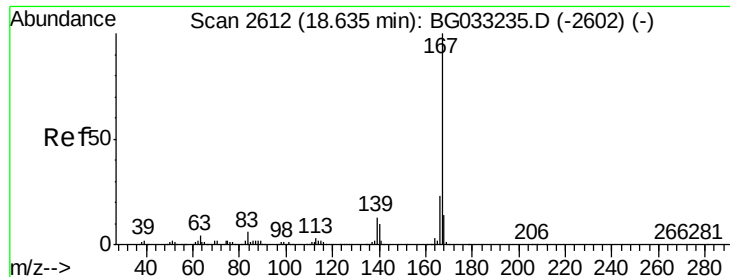
Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:	178	Resp:	744392
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.0	24.0
179	16.4	12.5	18.7





#72

Carbazole

Concen: 49.140 ng

RT: 18.60 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

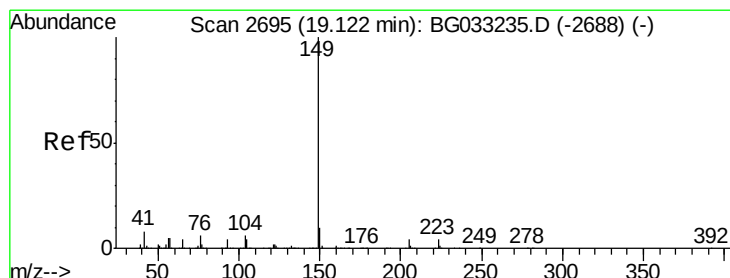
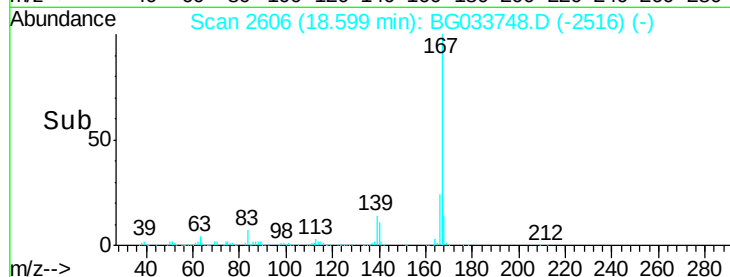
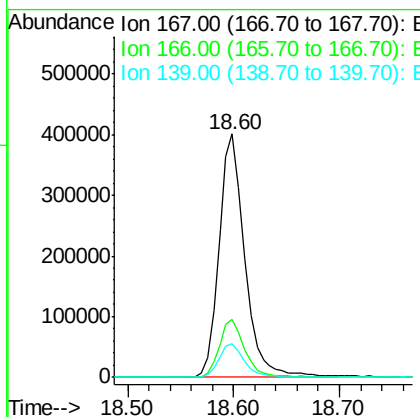
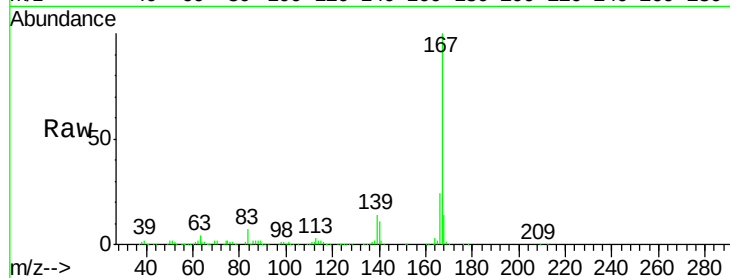
ClientSampleId :

PB108149BS

Tot Ion:	167	Resp:	680175
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.2	27.4
139	13.6	9.4	14.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 50.779 ng

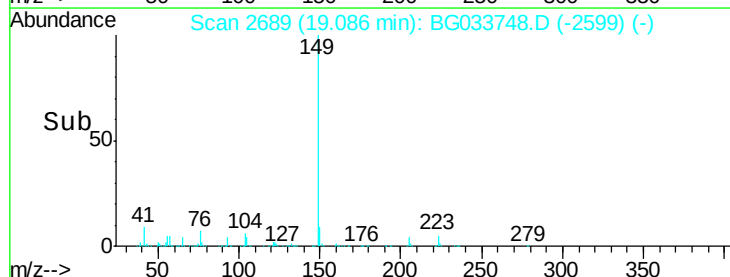
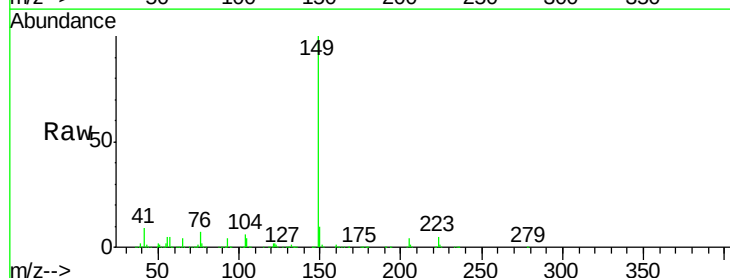
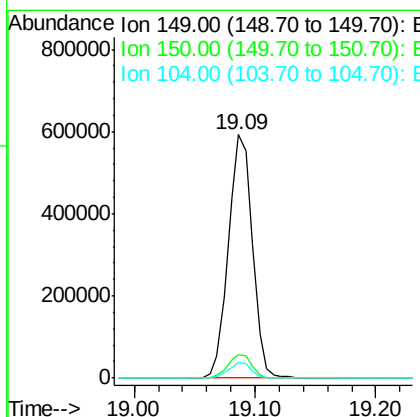
RT: 19.09 min Scan# 2689

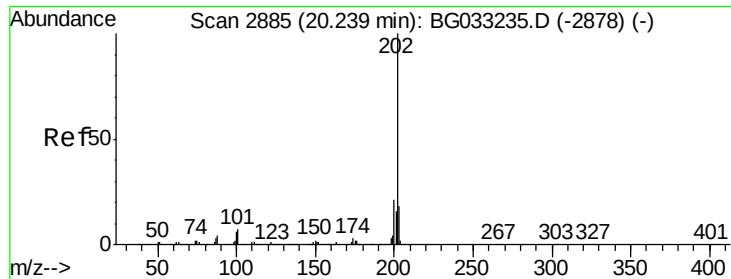
Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:	149	Resp:	818094
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.2	3.9	5.9





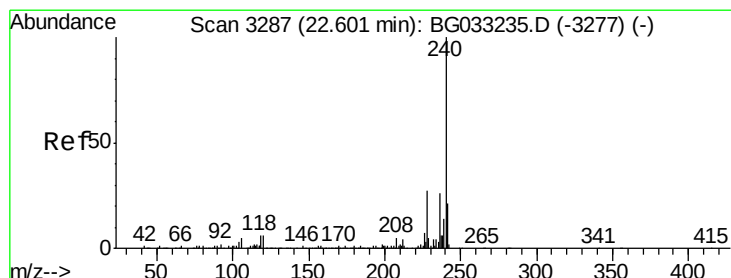
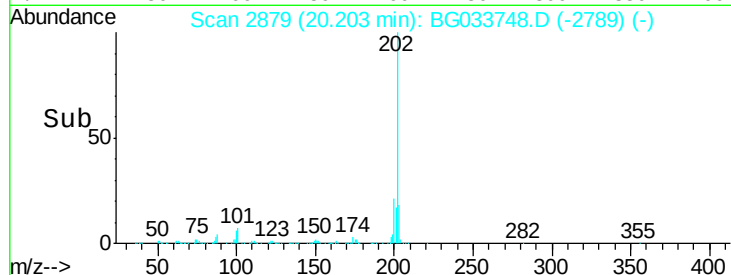
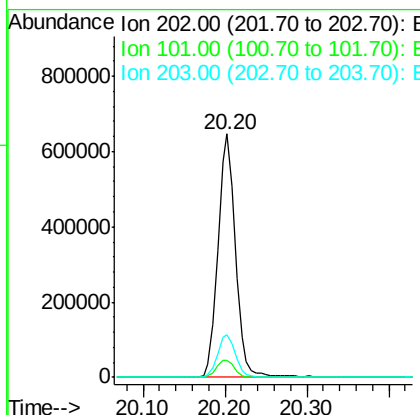
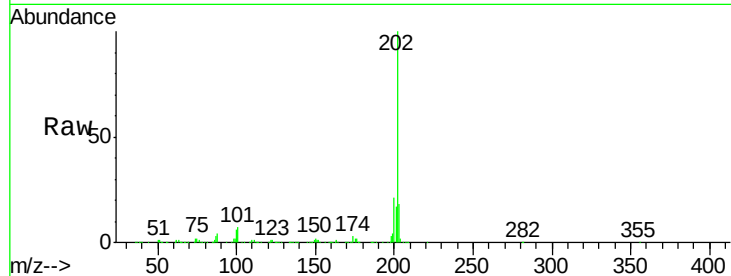
#74
 Fluoranthene
 Concen: 50.537 ng
 RT: 20.20 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.0	0.0	28.9
203	17.6	0.0	37.5

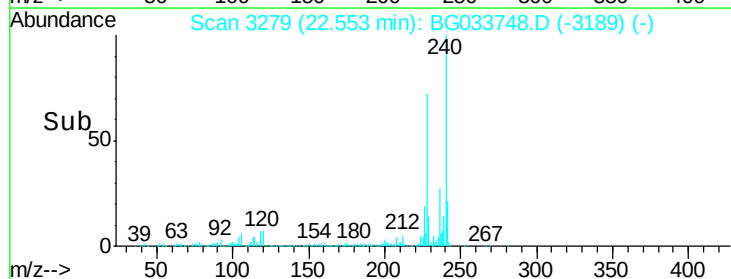
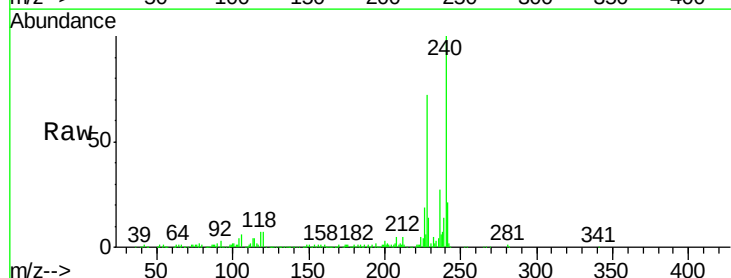
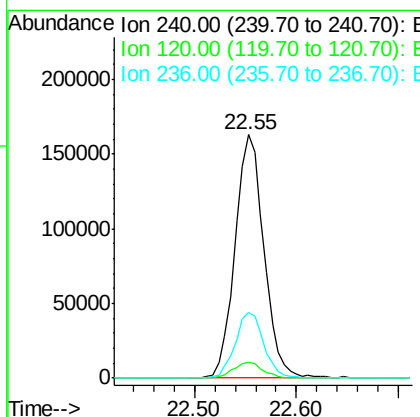
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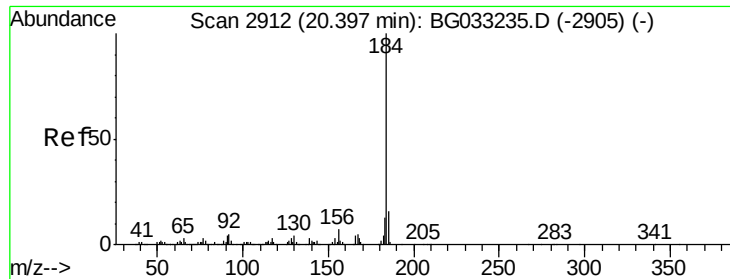
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.7	20.9	31.3





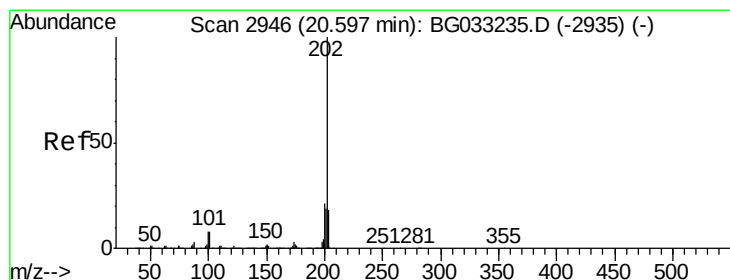
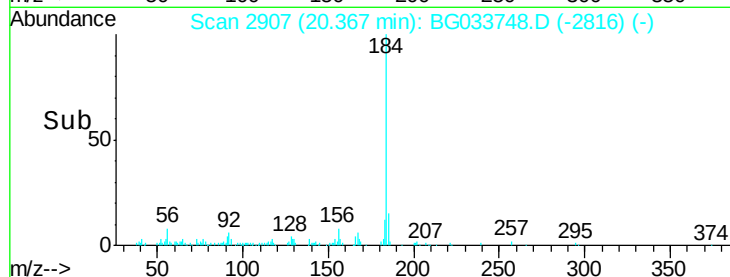
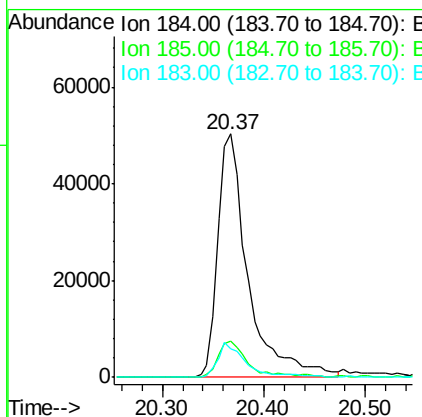
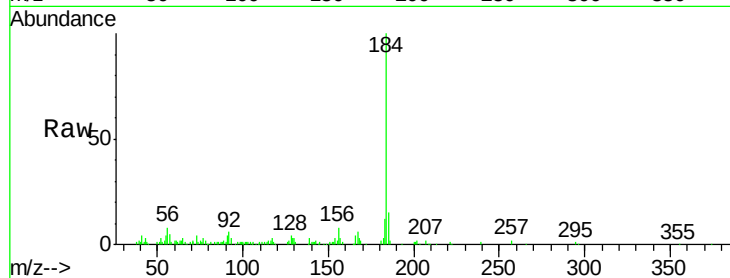
#76
Benzidine
Concen: 11.979 ng
RT: 20.37 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	11.1	16.7	
183	11.9	10.6	16.0	

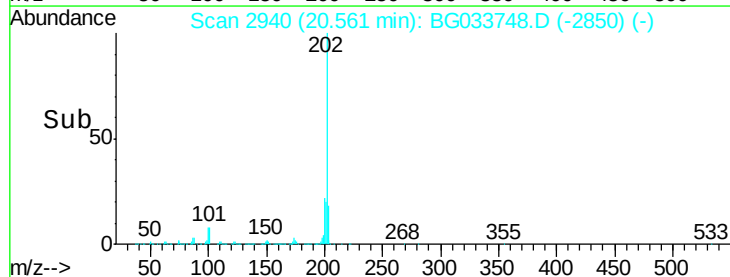
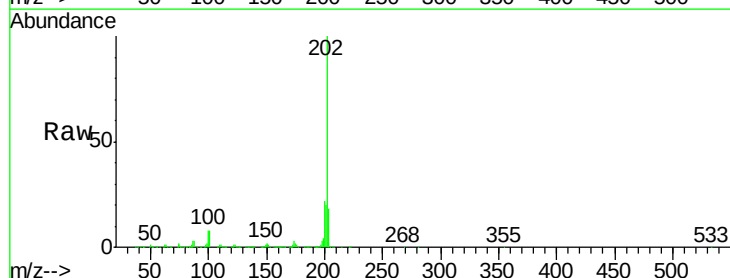
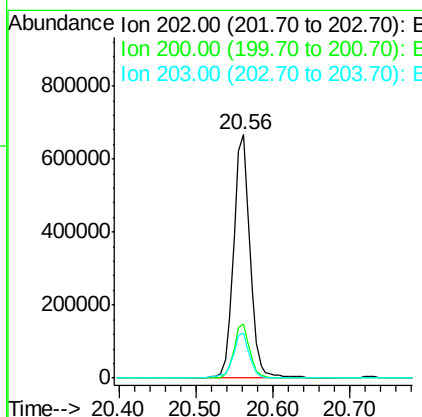
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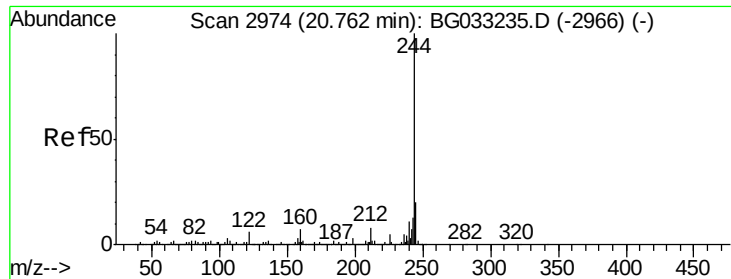
Sohil
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#77
Pyrene
Concen: 46.419 ng
RT: 20.56 min Scan# 2940
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.1	16.9	25.3	
203	18.4	13.9	20.9	





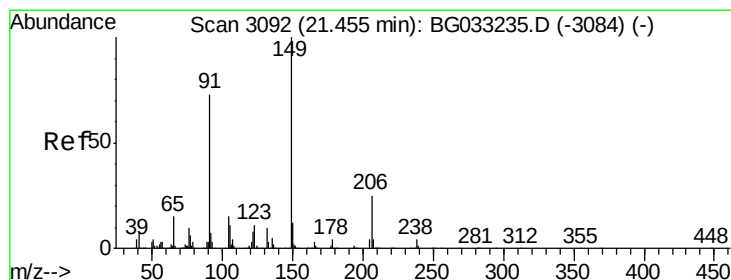
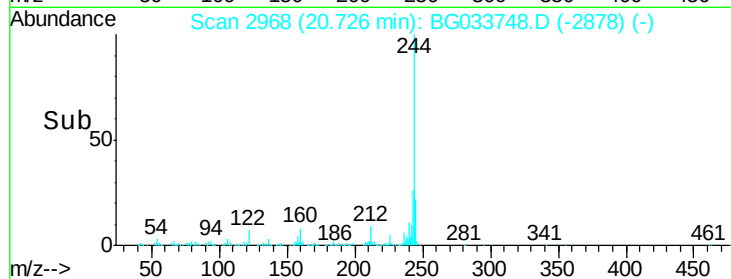
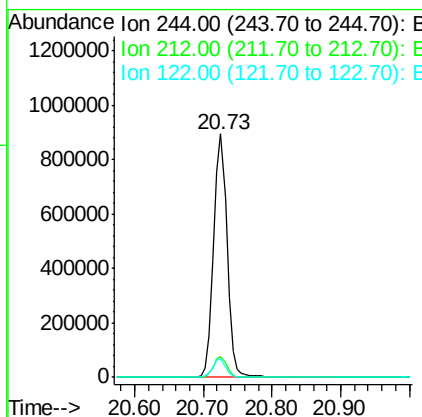
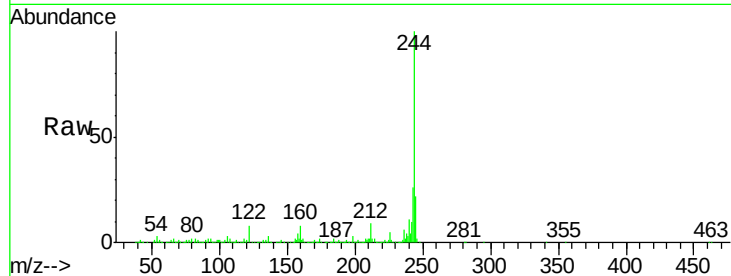
#78
 Terphenyl-d14
 Concen: 80.422 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

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

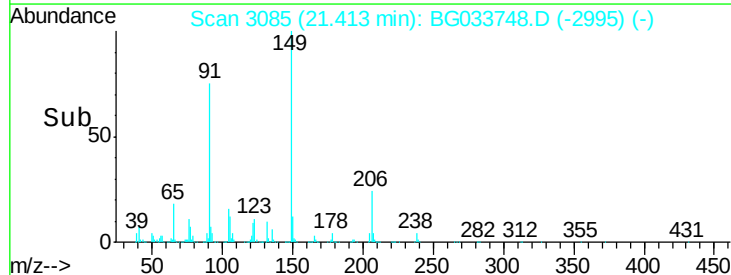
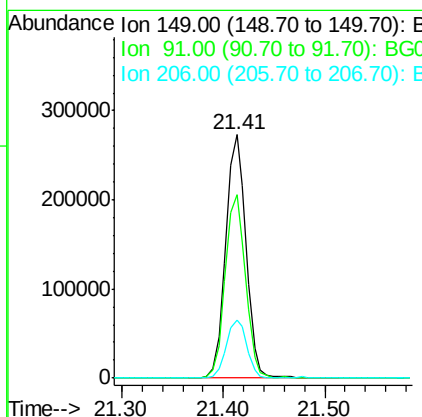
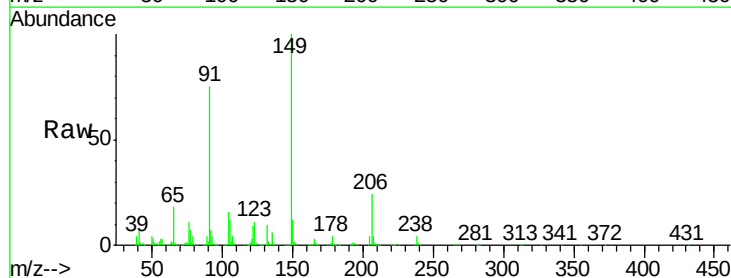
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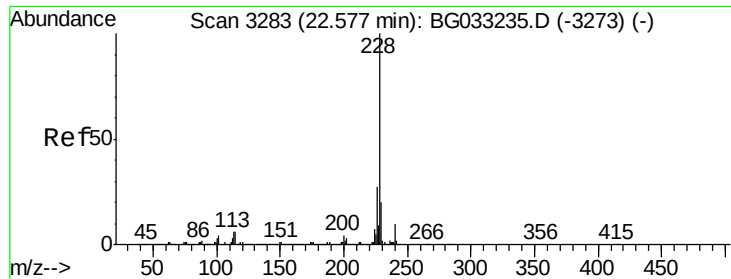
Sohil
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#79
 Butylbenzylphthalate
 Concen: 48.032 ng
 RT: 21.41 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	62.2	93.2
206	23.9	18.6	27.8





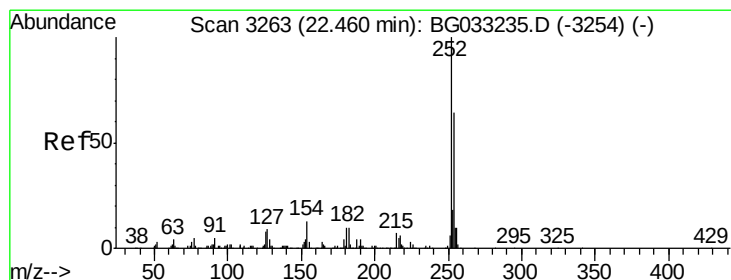
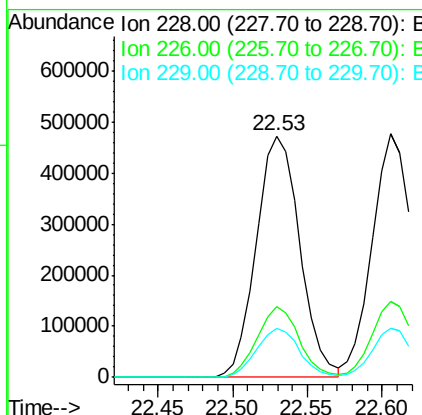
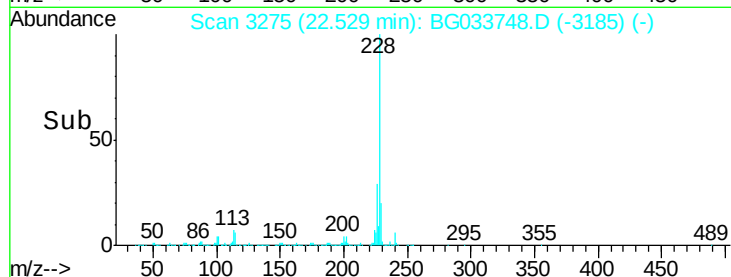
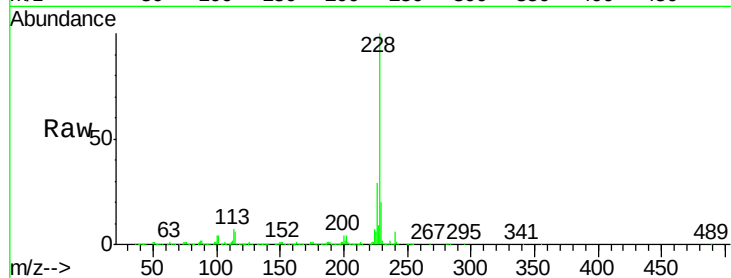
#80
Benzo(a)anthracene
Concen: 46.552 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	20.4	16.2	24.2

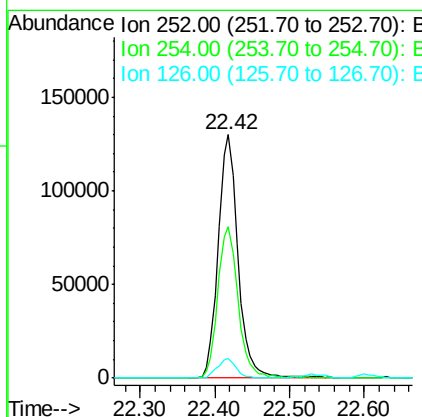
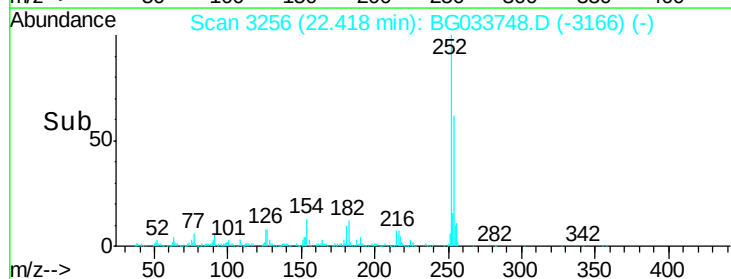
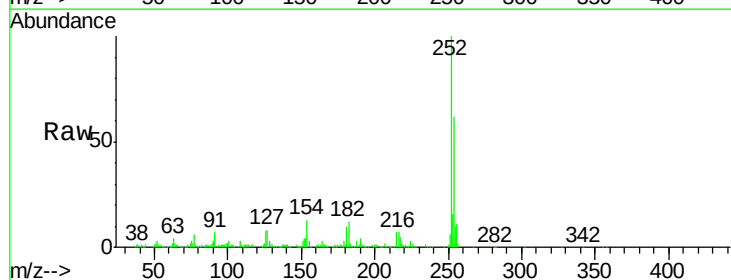
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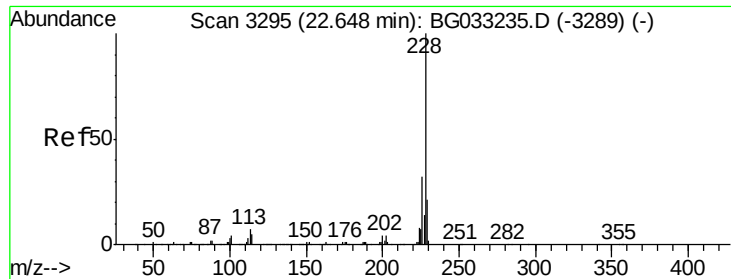
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 33.054 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.8	76.2
126	7.9	7.4	11.2





#82

Chrysene

Concen: 45.635 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

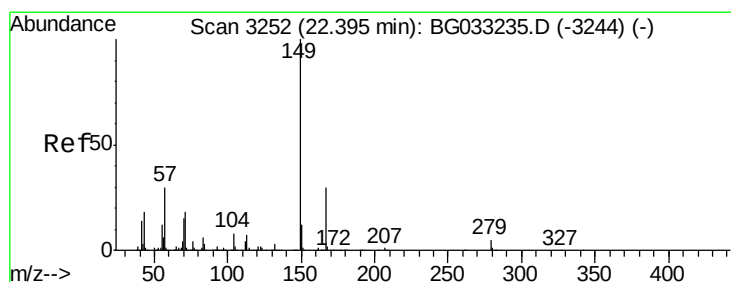
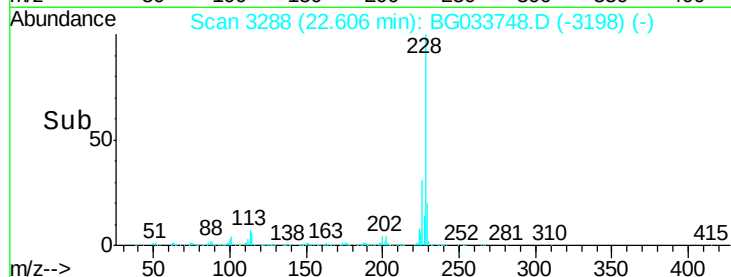
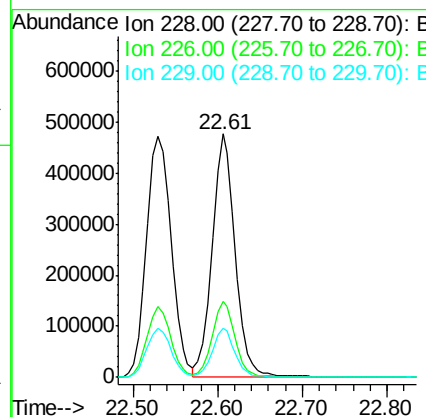
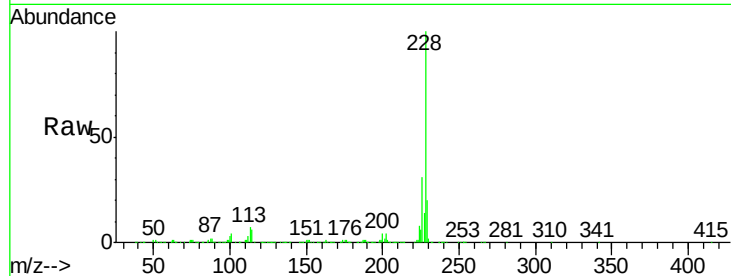
ClientSampleId :

PB108149BS

Tot Ion:	228	Resp:	905915
Ion Ratio		Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	15.0	22.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 47.463 ng

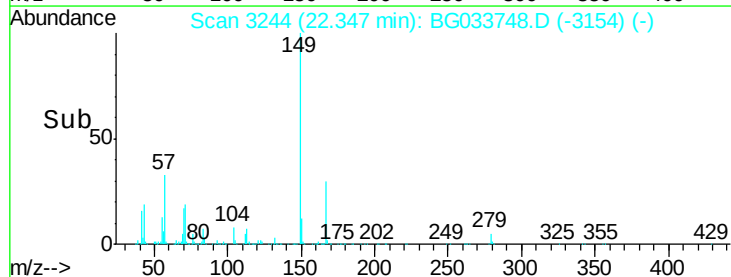
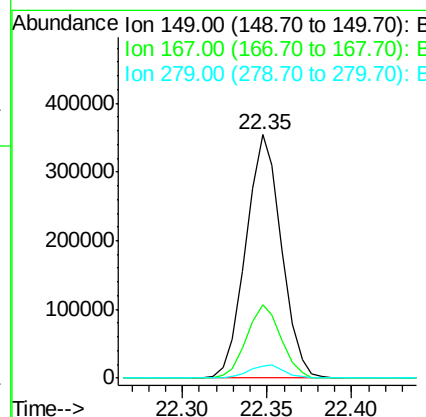
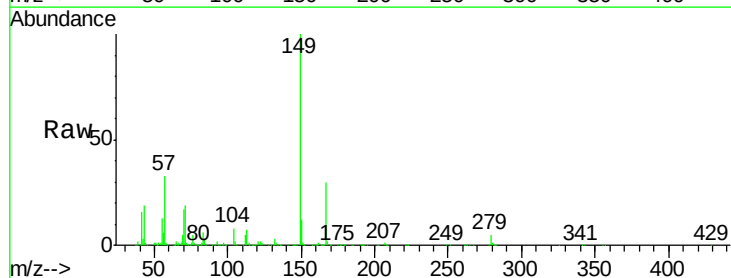
RT: 22.35 min Scan# 3244

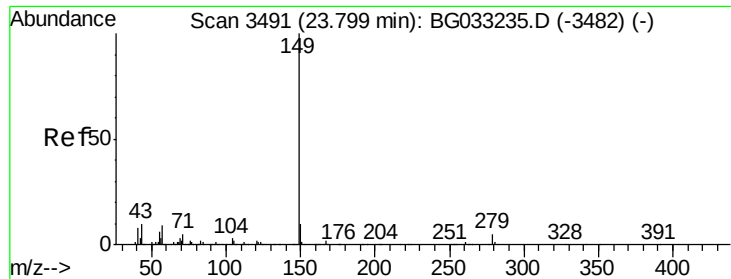
Delta R.T. -0.00 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:	149	Resp:	518609
Ion Ratio		Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.1	4.0	6.0





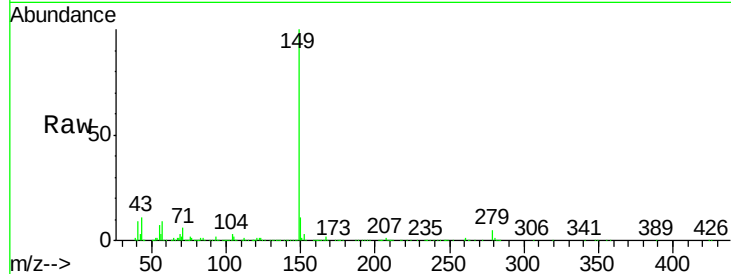
#84
Di-n-octyl phthalate
Concen: 54.361 ng
RT: 23.74 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

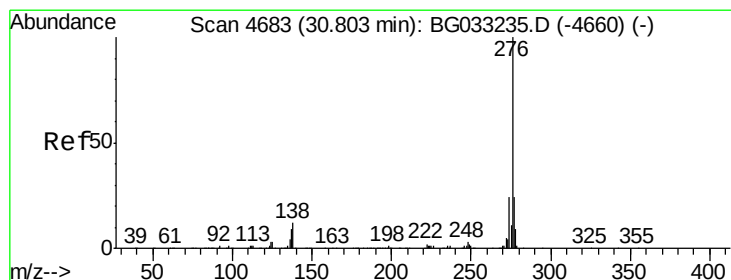
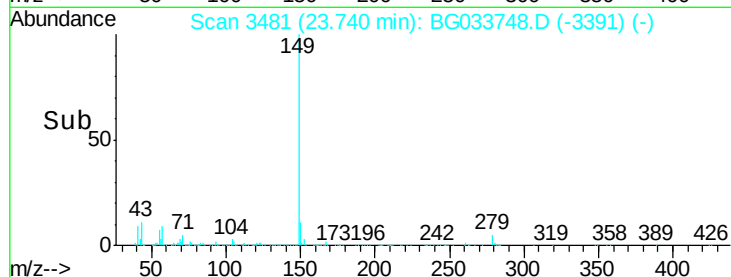
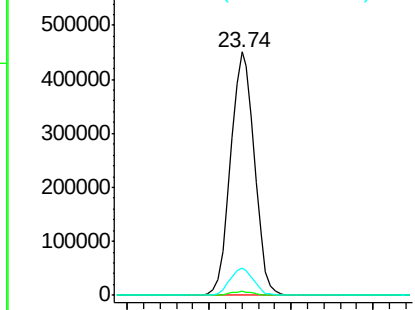
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	11.3	8.9	13.3	

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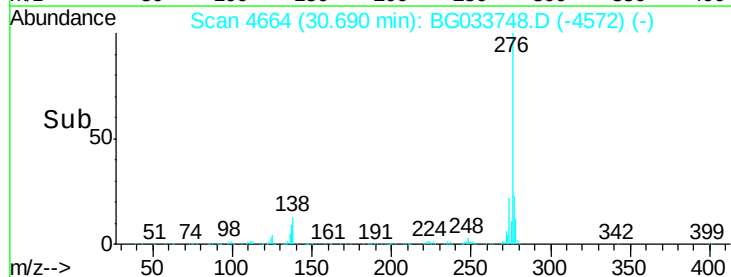
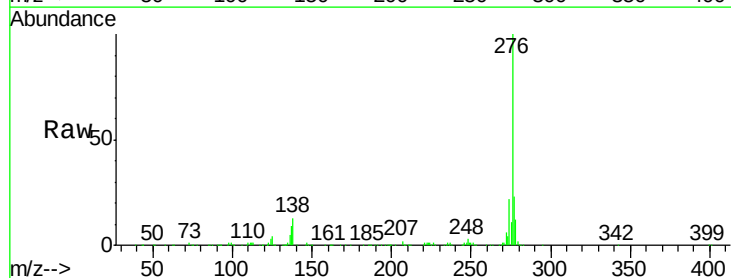
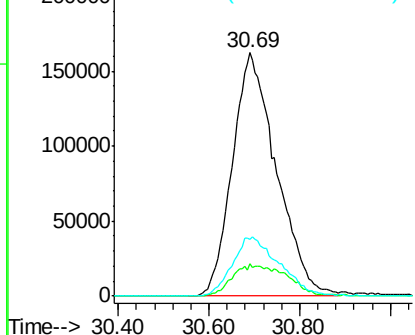
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

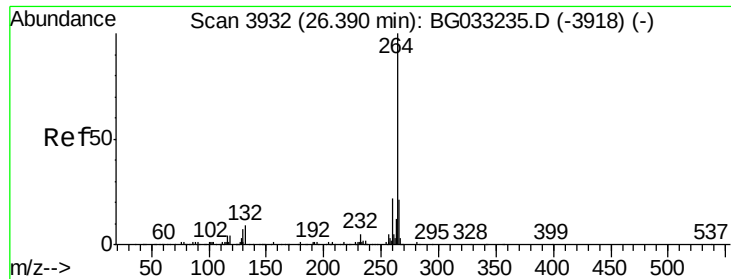


#85
Indeno(1,2,3-cd)pyrene
Concen: 50.831 ng
RT: 30.69 min Scan# 4664
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	16.0	16.0	24.0	#
277	25.9	20.0	30.0	

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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Instrument :

BNA_G

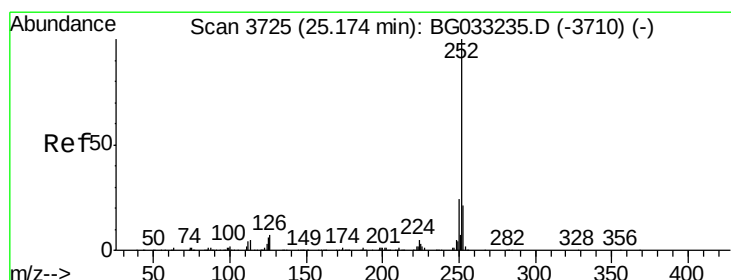
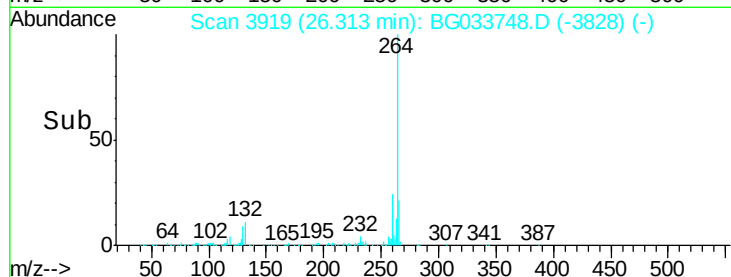
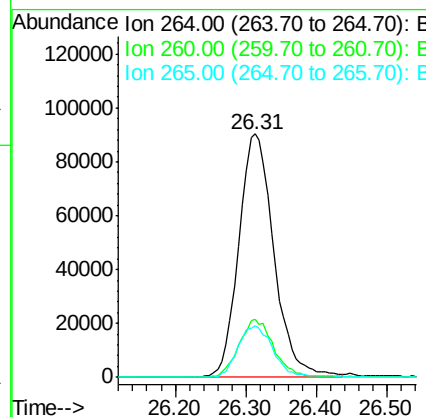
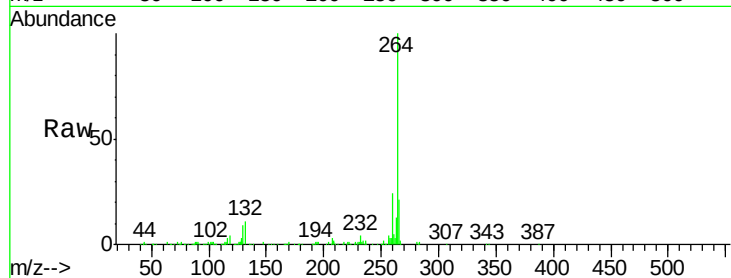
ClientSampleId :

PB108149BS

Tot Ion:	264	Resp:	313102
Ion Ratio	Lower	Upper	
264	100		
260	23.9	17.4	26.0
265	21.4	17.7	26.5

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#87

Benzo(b)fluoranthene

Concen: 51.581 ng

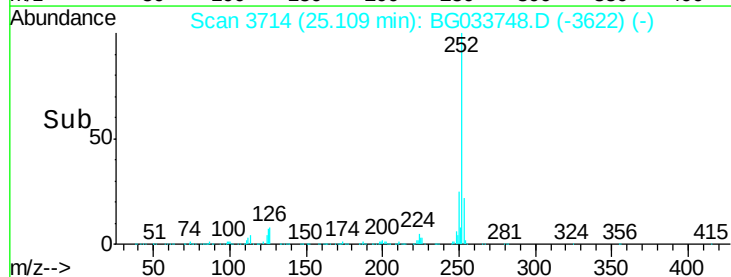
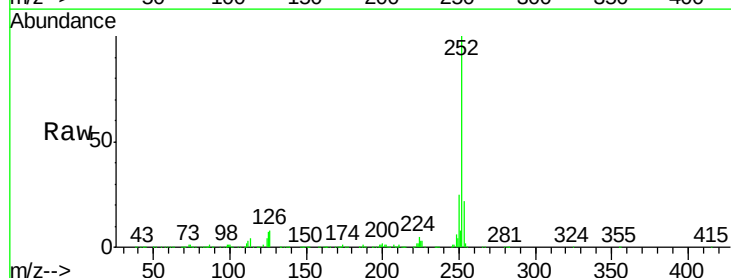
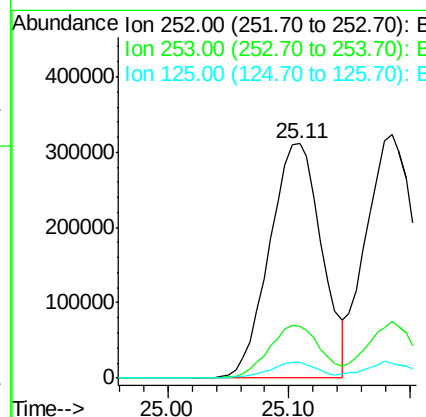
RT: 25.11 min Scan# 3714

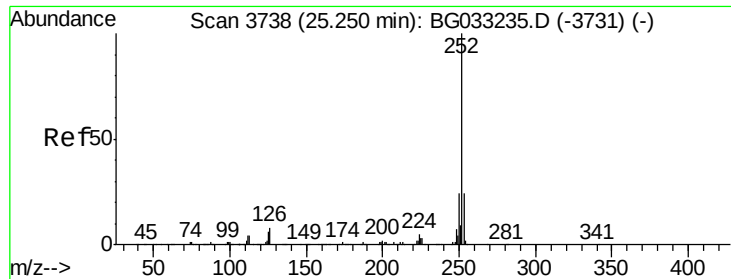
Delta R.T. 0.01 min

Lab File: BG033748.D

Acq: 11 Apr 2018 16:54

Tgt Ion:	252	Resp:	933067
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	6.6	7.2	10.8#





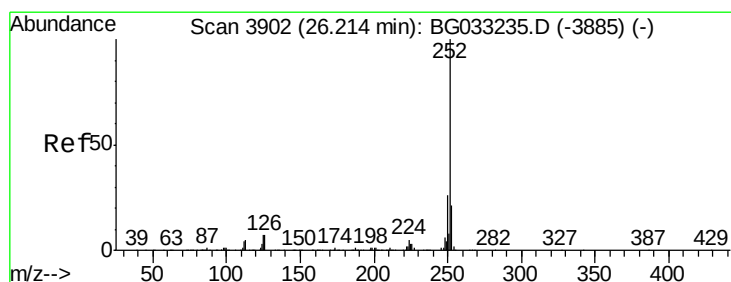
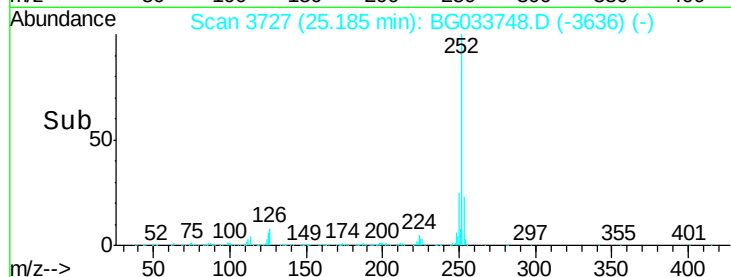
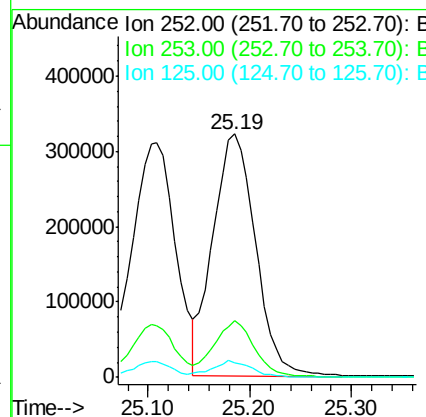
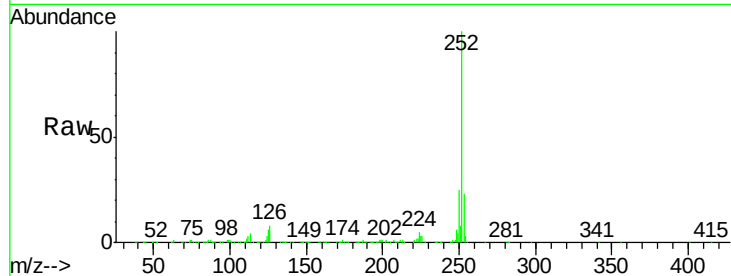
#88
 Benzo(k)fluoranthene
 Concen: 51.531 ng m
 RT: 25.19 min Scan# 3727
 Delta R.T. 0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB108149BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	6.1	6.6	9.8

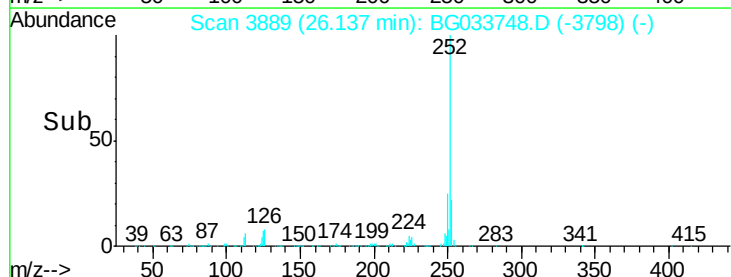
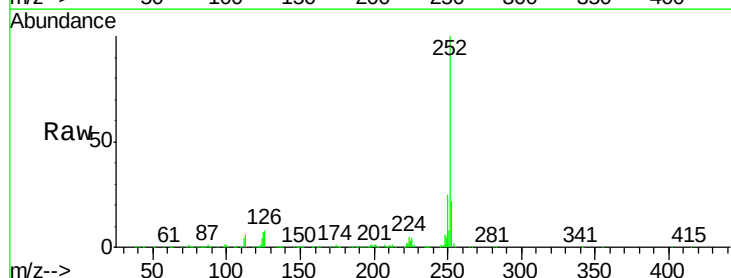
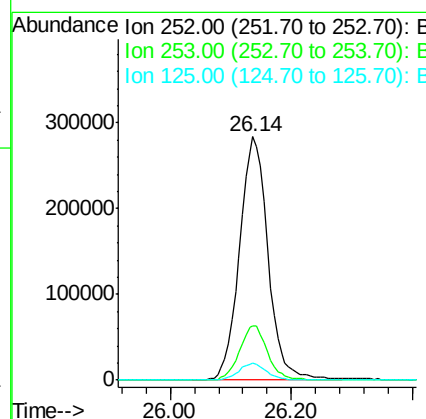
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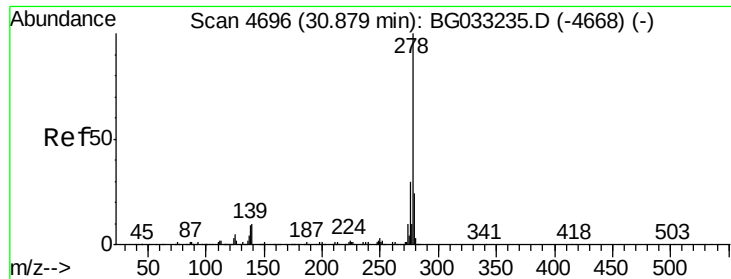
Sohil
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#89
 Benzo(a)pyrene
 Concen: 53.518 ng
 RT: 26.14 min Scan# 3889
 Delta R.T. 0.01 min
 Lab File: BG033748.D
 Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.8	7.3	10.9





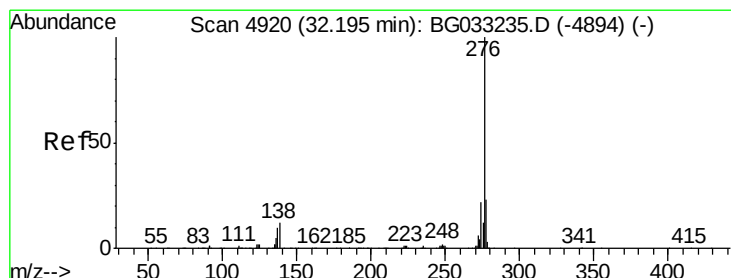
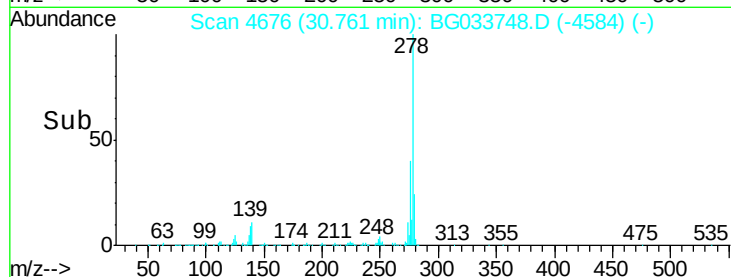
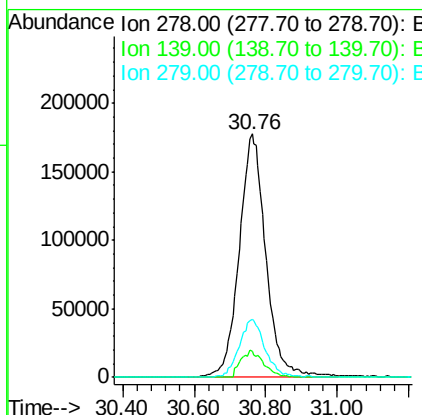
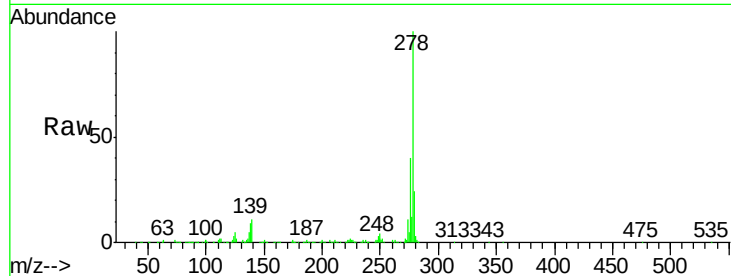
#90
Dibenzo(a,h)anthracene
Concen: 56.204 ng
RT: 30.76 min Scan# 4676
Delta R.T. 0.01 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB108149BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.8	14.6
279	24.0	18.4	27.6

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#91
Benzo(g,h,i)perylene
Concen: 55.362 ng
RT: 32.07 min Scan# 4899
Delta R.T. 0.02 min
Lab File: BG033748.D
Acq: 11 Apr 2018 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	13.9	13.9	20.9#

