

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033731.D
 Acq On : 11 Apr 2018 3:46
 Operator : SJ/JU
 Sample : J2156-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Manual Integrations
 APPROVED

Sohil
 4/11/2018 5:18:37 PM

Quant Time: Apr 11 07:05:30 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	33340	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	135921	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	103221	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	283176	20.00	ng	0.00
75) Chrysene-d12	22.55	240	299899	20.00	ng	0.00
86) Perylene-d12	26.31	264	320275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	299571	168.49	ng	0.00
7) Phenol-d6	7.97	99	420275	137.57	ng	0.00
23) Nitrobenzene-d5	10.06	82	316055	106.83	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236198	153.00	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	723227	101.15	ng	0.00
78) Terphenyl-d14	20.73	244	1477282	105.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	36235	40.130	ng	94
3) Pyridine	4.39	79	91595	36.696	ng	97
4) n-Nitrosodimethylamine	4.29	42	49245	48.075	ng	# 82
6) Aniline	8.16	93	32682	9.097	ng	# 87
8) 2-Chlorophenol	8.41	128	96595	47.521	ng	97
9) Benzaldehyde	7.96	77	45897	23.640	ng	91
10) Phenol	7.99	94	125799	41.707	ng	87
11) bis(2-Chloroethyl)ether	8.24	93	96917	39.366	ng	98
12) 1,3-Dichlorobenzene	8.89	146	109923	41.364	ng	95
13) 1,4-Dichlorobenzene	8.89	146	109923	41.302	ng	95
14) 1,2-Dichlorobenzene	9.22	146	107796	41.499	ng	95
15) Benzyl Alcohol	9.09	79	103138	42.879	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	187076	46.612	ng	89
17) 2-Methylphenol	9.63	107	121758	59.257	ng	90
18) Hexachloroethane	9.97	117	44984	43.793	ng	90
19) n-Nitroso-di-n-propylamine	9.66	70	94977	42.427	ng	99
20) 3+4-Methylphenols	9.63	107	121758	41.619	ng	86
22) Acetophenone	9.70	105	164463	44.166	ng	# 96
24) Nitrobenzene	10.10	77	140022	44.219	ng	93
25) Isophorone	10.61	82	244466	42.576	ng	99
26) 2-Nitrophenol	10.83	139	58019	48.396	ng	# 83
27) 2,4-Dimethylphenol	10.86	122	87043	49.980	ng	92
28) bis(2-Chloroethoxy)methane	11.10	93	123986	43.278	ng	96
29) 2,4-Dichlorophenol	11.37	162	106176	49.574	ng	99
30) 1,2,4-Trichlorobenzene	11.59	180	114467	41.135	ng	92
31) Naphthalene	11.79	128	346227	49.156	ng	99
32) Benzoic acid	10.99	122	47542	29.366	ng	# 81
33) 4-Chloroaniline	11.91	127	8483m	2.688	ng	
34) Hexachlorobutadiene	12.05	225	89620	42.588	ng	94
35) Caprolactam	12.62	113	31907	38.026	ng	95
36) 4-Chloro-3-methylphenol	12.95	107	136506	48.867	ng	94
37) 2-Methylnaphthalene	13.34	142	216424	39.588	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	145472	38.907	ng	99
40) Hexachlorocyclopentadiene	13.66	237	172296	78.607	ng	95

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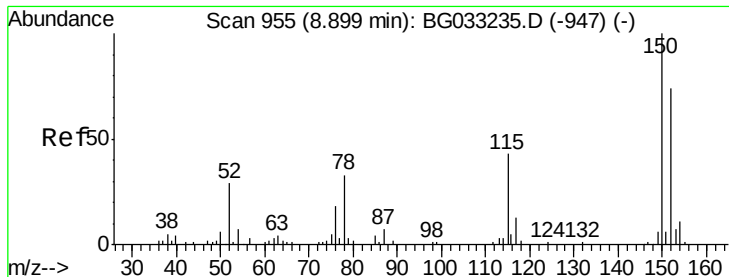
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	98478	45.333	ng	98
43) 2,4,5-Trichlorophenol	14.00	196	114233	44.489	ng	98
45) 1,1'-Biphenyl	14.32	154	335005	42.244	ng	94
46) 2-Chloronaphthalene	14.37	162	259894	42.504	ng	96
47) 2-Nitroaniline	14.56	65	104721	45.725	ng	87
48) Acenaphthylene	15.20	152	417714	40.926	ng	98
49) Dimethylphthalate	14.90	163	385714	42.938	ng	99
50) 2,6-Dinitrotoluene	15.03	165	84417	45.959	ng	99
51) Acenaphthene	15.54	154	321101	48.803	ng	96
52) 3-Nitroaniline	15.38	138	11193	5.812	ng	# 88
53) 2,4-Dinitrophenol	15.57	184	93696	96.736	ng	# 77
54) Dibenzofuran	15.87	168	430744	44.321	ng	92
55) 4-Nitrophenol	15.66	139	123561	91.250	ng	# 81
56) 2,4-Dinitrotoluene	15.81	165	126746	46.865	ng	# 95
57) Fluorene	16.51	166	340127	41.080	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	112060	46.358	ng	98
59) Diethylphthalate	16.24	149	398123	45.642	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	206743	43.438	ng	100
61) 4-Nitroaniline	16.53	138	44155	22.643	ng	89
62) Azobenzene	16.78	77	388932	46.029	ng	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	78852	46.547	ng	98
65) n-Nitrosodiphenylamine	16.70	169	326469	40.383	ng	97
66) 4-Bromophenyl-phenylether	17.38	248	141358	42.505	ng	97
67) Hexachlorobenzene	17.51	284	144767	41.247	ng	95
68) Atrazine	17.61	200	95574	29.175	ng	97
69) Pentachlorophenol	17.84	266	189289	78.578	ng	99
70) Phenanthrene	18.25	178	602507	40.854	ng	97
71) Anthracene	18.34	178	610435	40.880	ng	99
72) Carbazole	18.60	167	579321	43.781	ng	96
73) Di-n-butylphthalate	19.09	149	705140	45.783	ng	# 99
74) Fluoranthene	20.20	202	794330	43.524	ng	98
76) Benzidine	20.42	184	20362m	2.504	ng	
77) Pyrene	20.56	202	819884	40.991	ng	99
79) Butylbenzylphthalate	21.41	149	333925	45.241	ng	96
80) Benzo(a)anthracene	22.53	228	769214	40.281	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	31503	4.636	ng	# 94
82) Chrysene	22.61	228	758441	41.029	ng	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	458736	45.086	ng	98
84) Di-n-octyl phthalate	23.74	149	780326	50.089	ng	100
85) Indeno(1,2,3-cd)pyrene	30.69	276	868947	43.478	ng	# 78
87) Benzo(b)fluoranthene	25.10	252	727452	39.314	ng	# 96
88) Benzo(k)fluoranthene	25.18	252	767582	41.015	ng	98
89) Benzo(a)pyrene	26.14	252	736525	41.448	ng	# 98
90) Dibenzo(a,h)anthracene	30.77	278	743939	44.445	ng	98
91) Benzo(g,h,i)perylene	32.07	276	706013	42.595	ng	97

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



#1

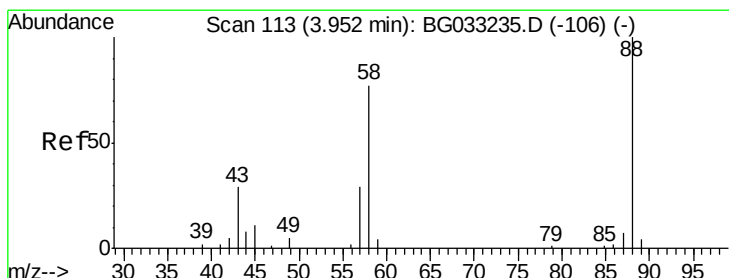
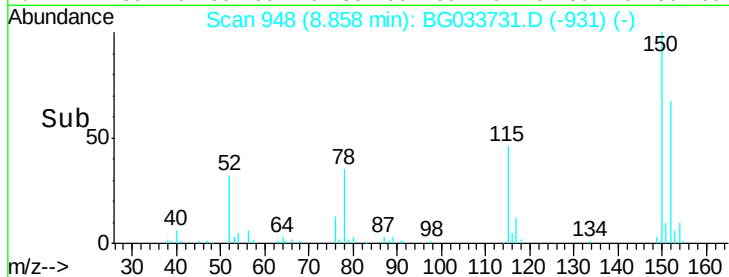
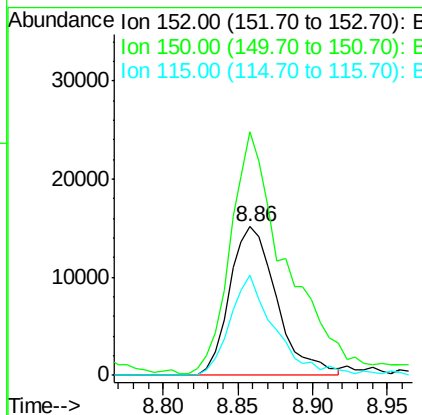
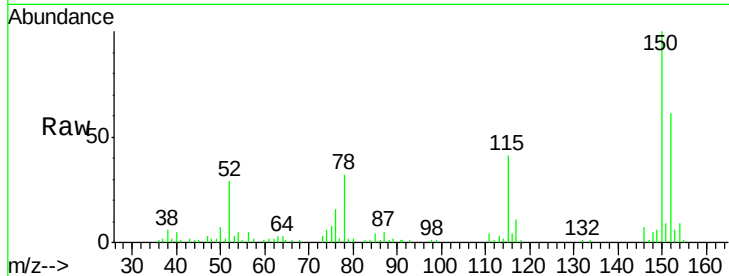
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	126.6	189.8
115	67.9	53.0	79.4

Manual Integrations
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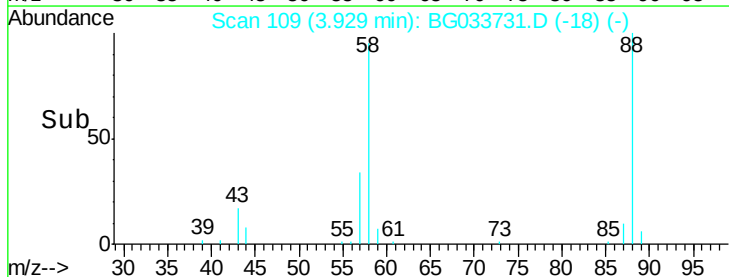
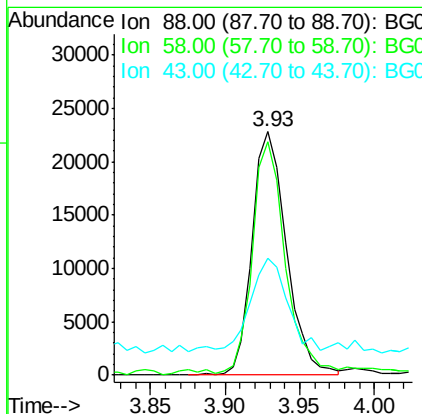
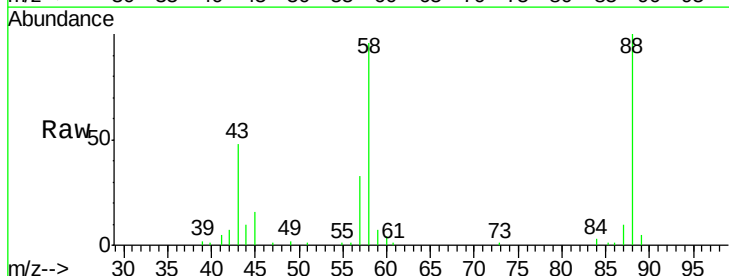
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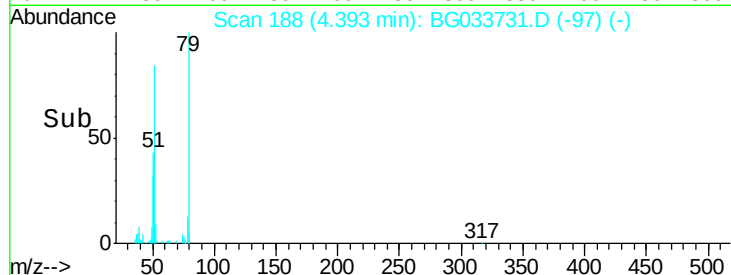
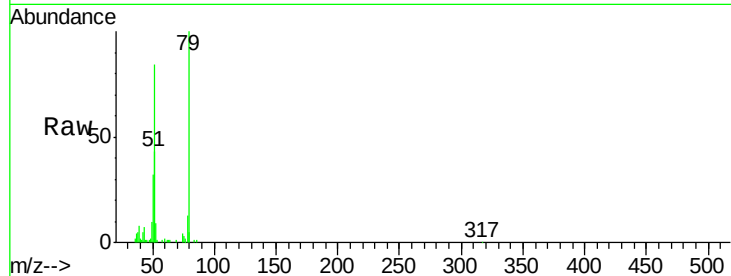
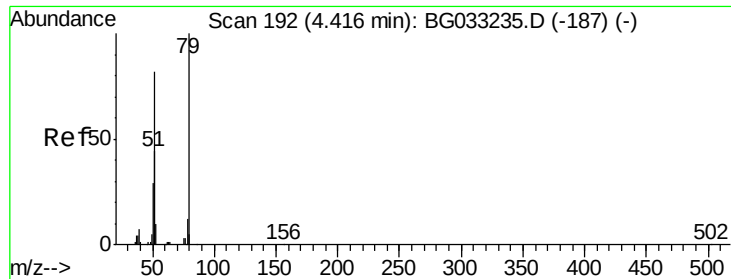


#2

1,4-Dioxane
 Concen: 40.130 ng
 RT: 3.93 min Scan# 109
 Delta R.T. 0.01 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	79.6	119.4
43	38.9	27.4	41.0





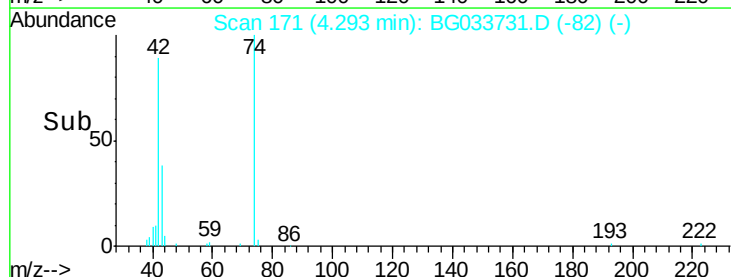
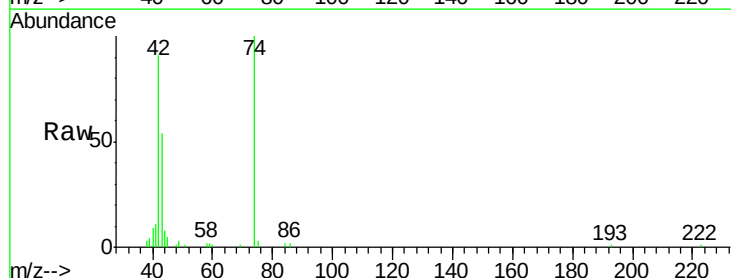
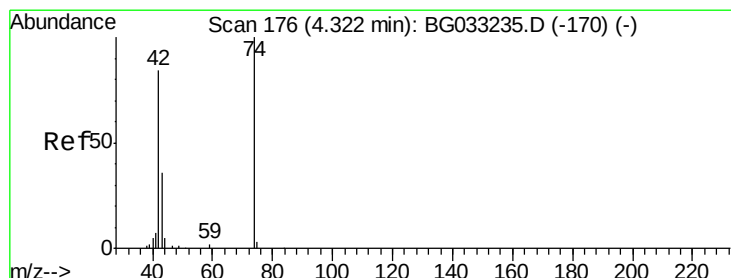
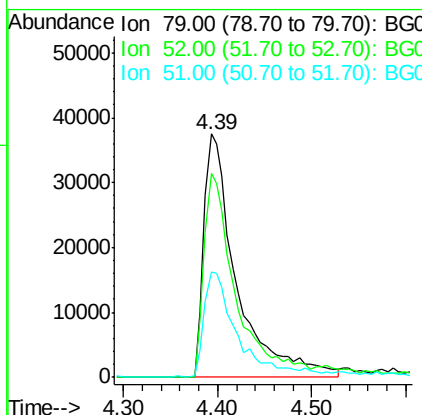
#3
 Pvridine
 Concen: 36.696 ng
 RT: 4.39 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.6	69.9	104.9
51	43.4	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

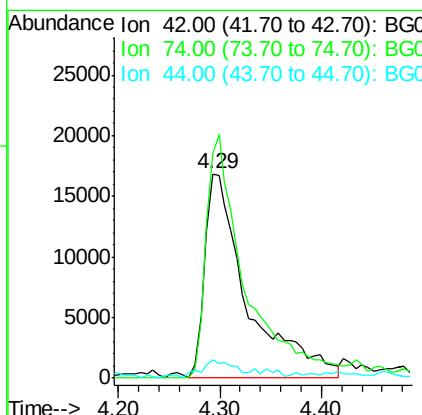
Manual Integrations
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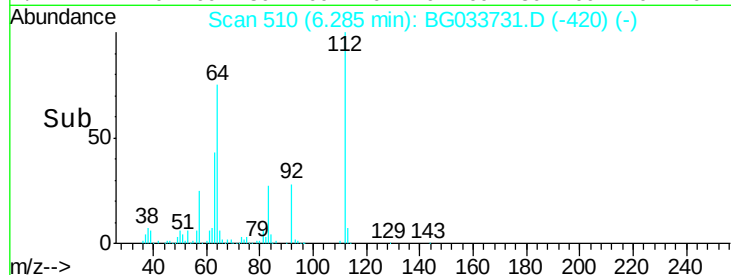
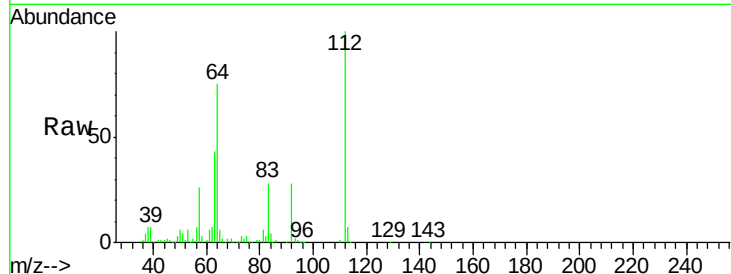
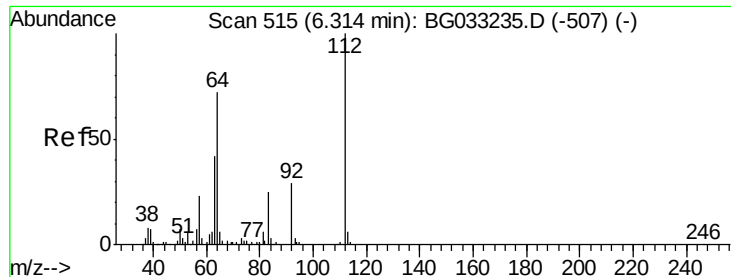
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#4
 n-Nitrosodimethylamine
 Concen: 48.075 ng
 RT: 4.29 min Scan# 171
 Delta R.T. -0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.2	102.5	153.7
44	8.9	18.9	28.3#





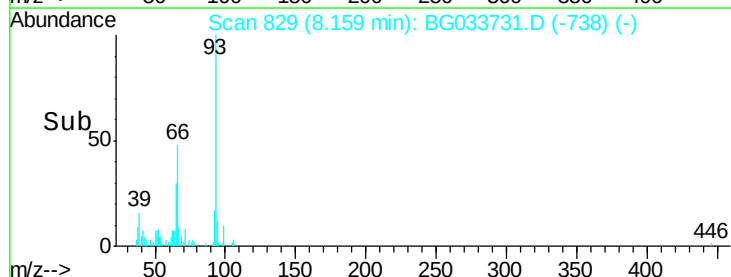
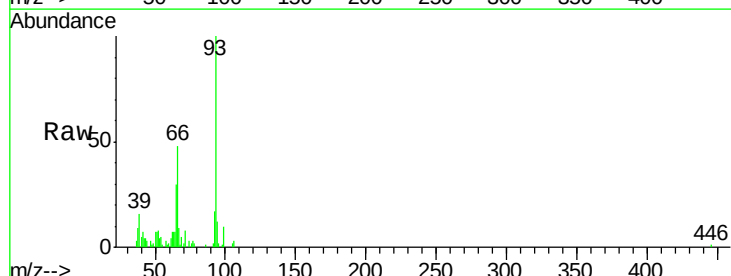
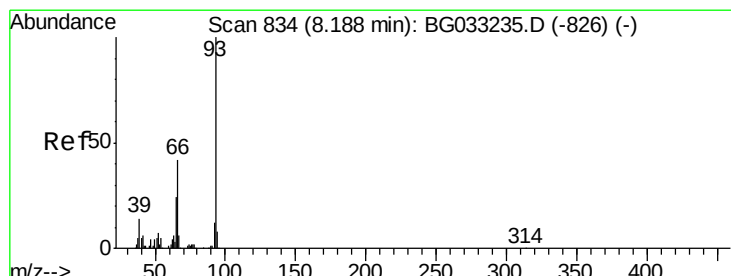
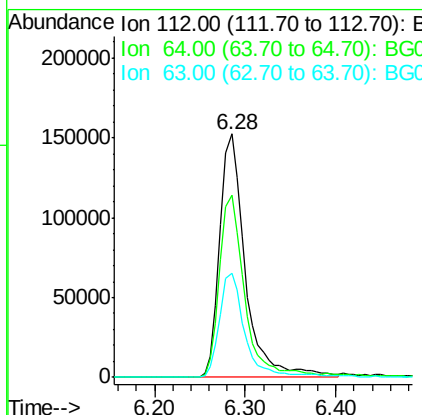
#5
2-Fluorophenol
Concen: 168.486 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tot Ion	Ratio	Resp	Lower	Upper
112	100	299571		
64	74.6	56.3	84.5	
63	42.9	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

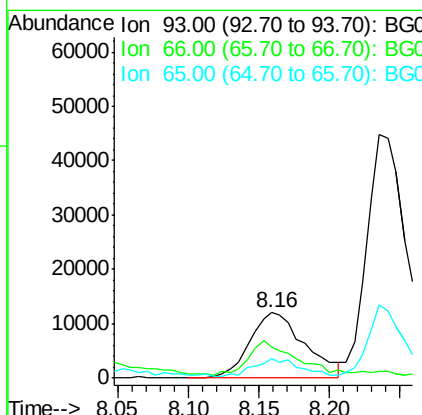
Manual Integrations
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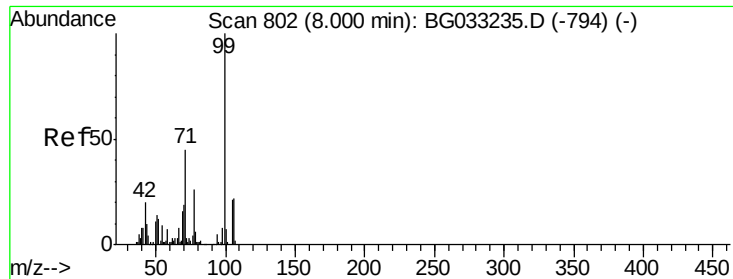
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#6
Aniline
Concen: 9.097 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	32682		
66	47.9	33.7	50.5	
65	30.1	16.1	24.1	





#7

Phenol-d6

Concen: 137.569 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

ClientSampleId :

HD-01-040918MS

Tot Ion: 99 Resp: 420275

Ion Ratio Lower Upper

99 100

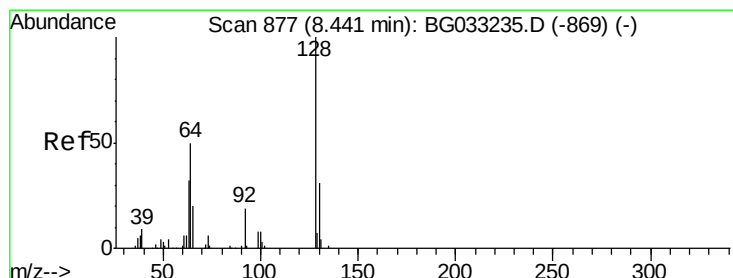
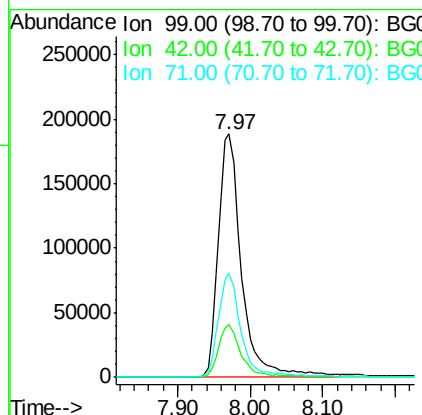
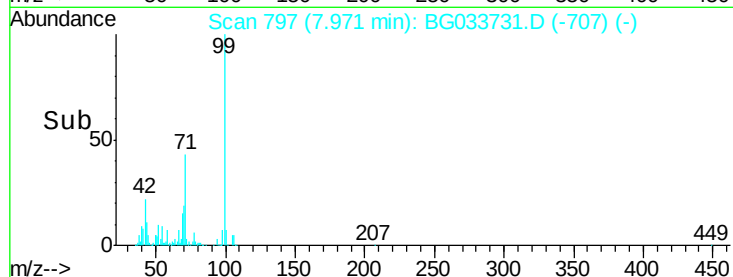
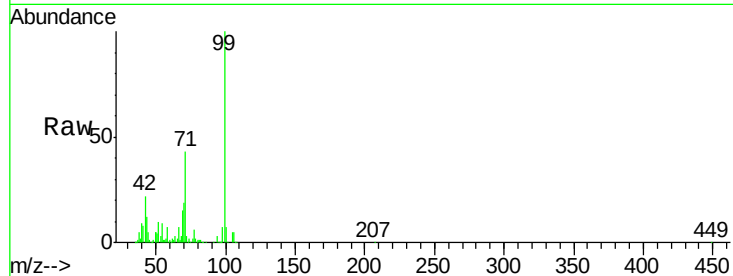
42 21.9 14.1 21.1#

71 43.0 26.1 39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.521 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

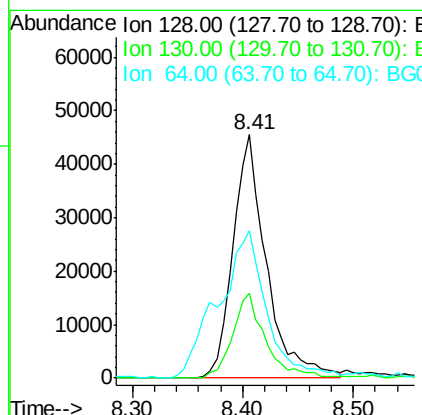
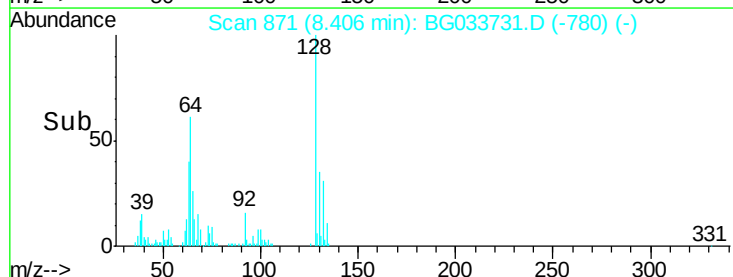
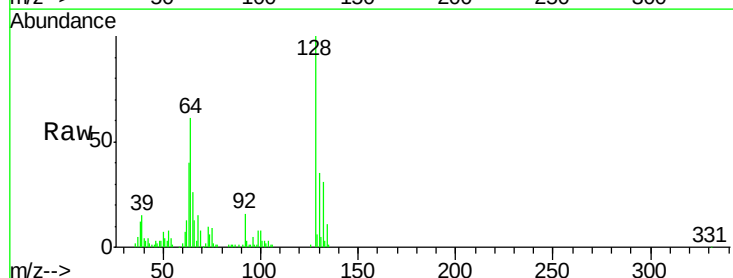
Tgt Ion: 128 Resp: 96595

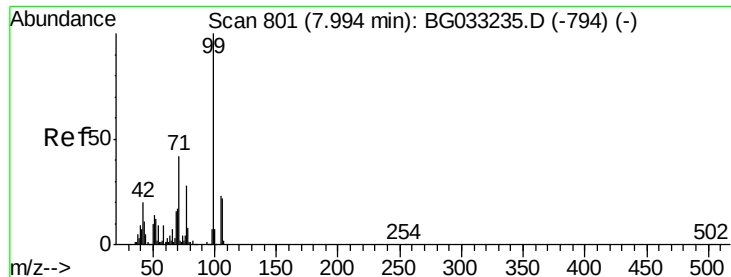
Ion Ratio Lower Upper

128 100

130 34.9 14.0 54.0

64 60.7 37.7 77.7





#9

Benzaldehyde

Concen: 23.640 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

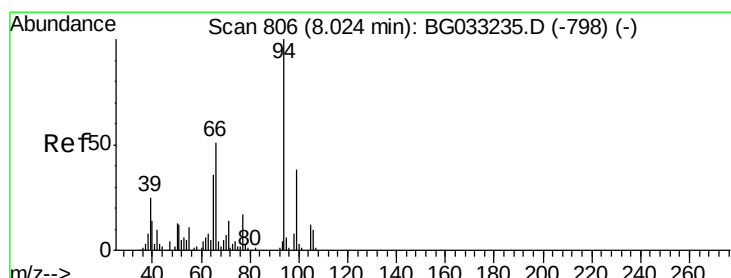
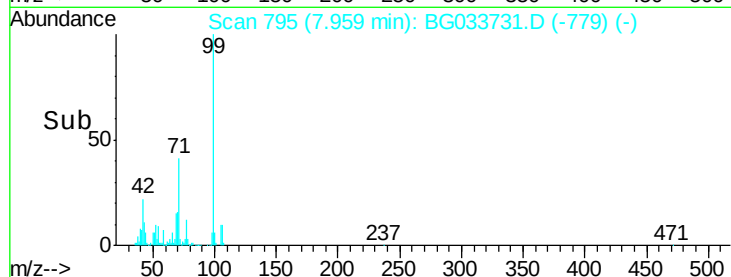
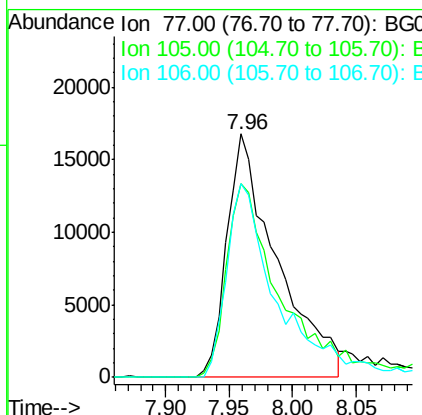
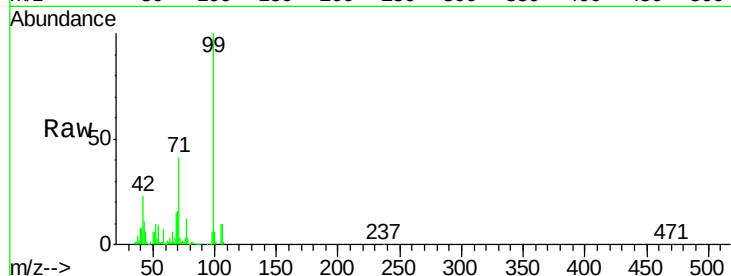
ClientSampleId :

HD-01-040918MS

Tot Ion:	77	Resp:	45897
Ion	Ratio	Lower	Upper
77	100		
105	79.5	71.3	111.3
106	79.8	64.2	104.2

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#10

Phenol

Concen: 41.707 ng

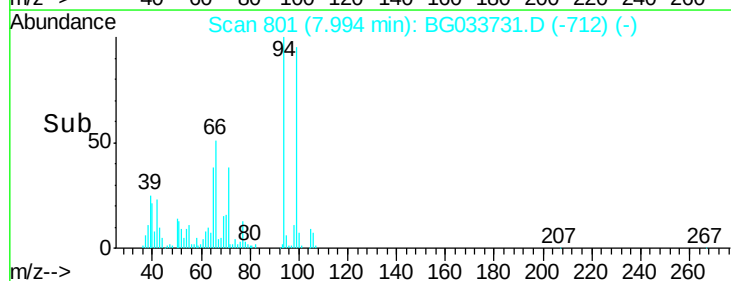
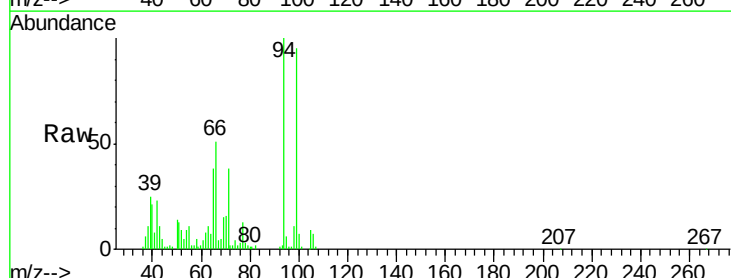
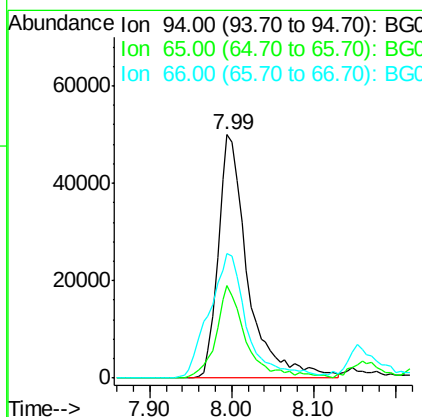
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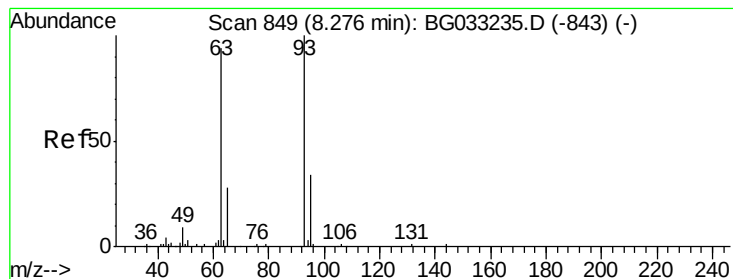
Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	94	Resp:	125799
Ion	Ratio	Lower	Upper
94	100		
65	38.1	11.9	51.9
66	51.0	22.2	62.2





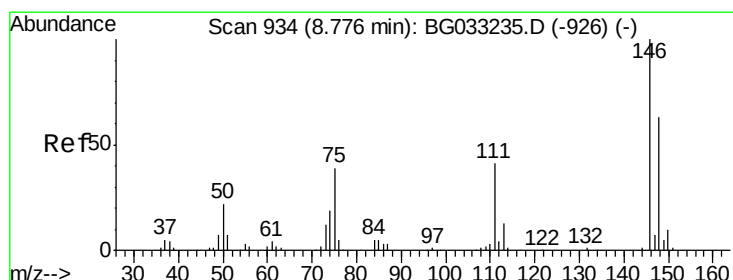
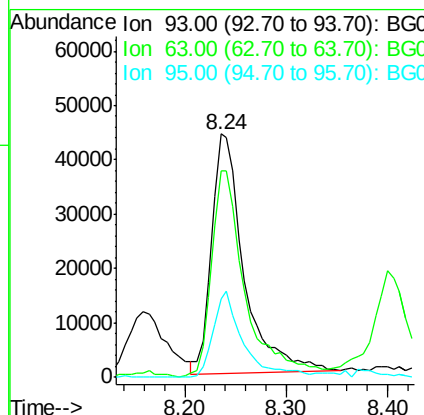
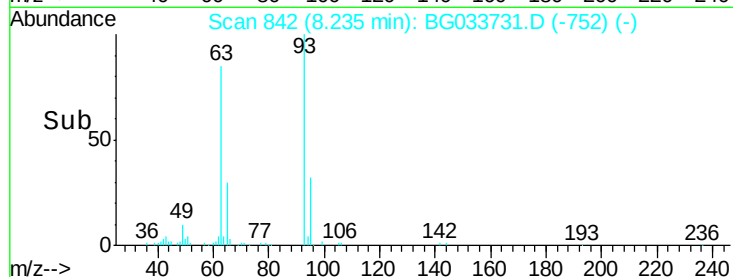
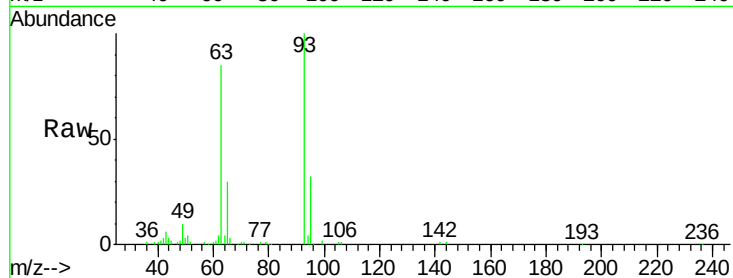
#11
bis(2-Chloroethyl)ether
Concen: 39.366 ng
RT: 8.24 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	67.1	107.1
95	32.0	11.5	51.5

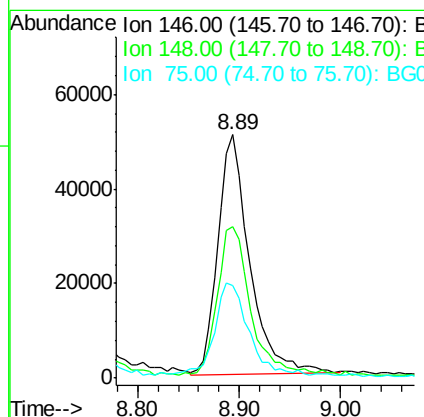
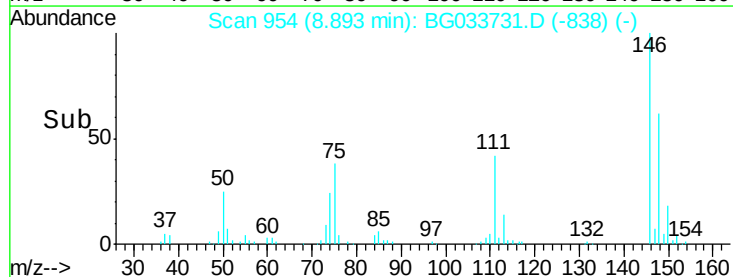
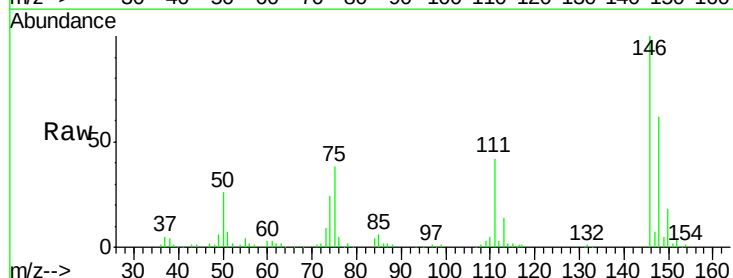
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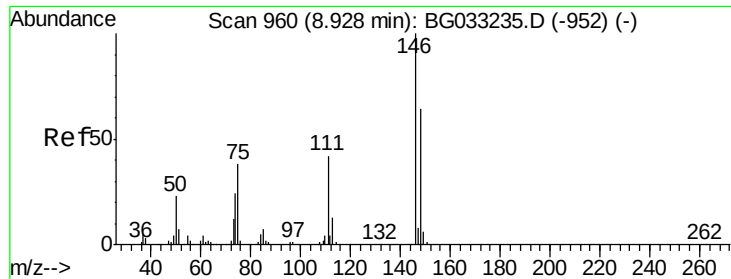
Sohil
4/11/2018 5:18:37 PM



#12
1,3-Dichlorobenzene
Concen: 41.364 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.15 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.4	77.2
75	37.9	26.6	39.8





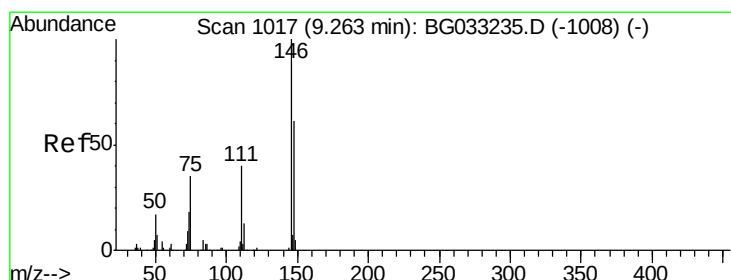
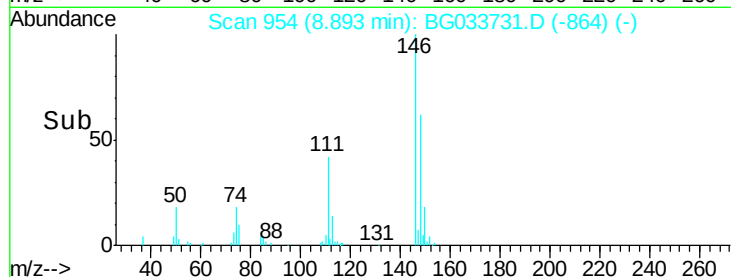
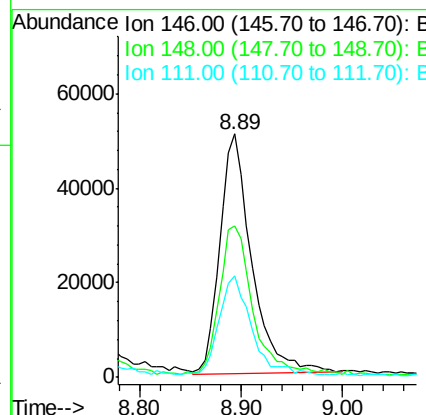
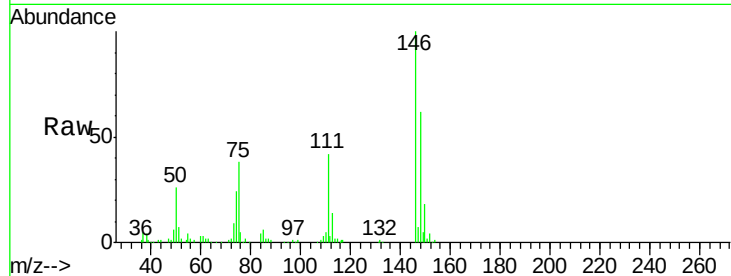
#13
 1,4-Dichlorobenzene
 Concen: 41.302 ng
 RT: 8.89 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.7	80.5
111	41.6	35.2	52.8

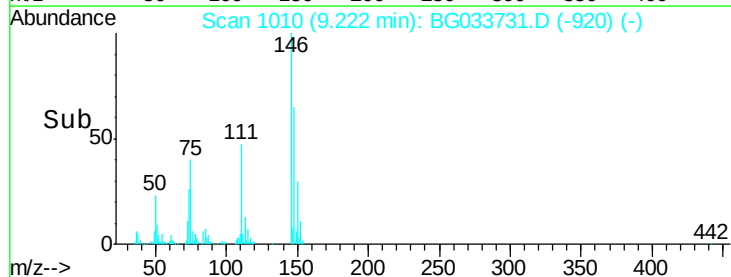
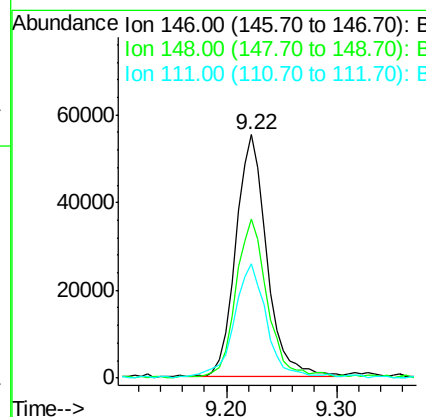
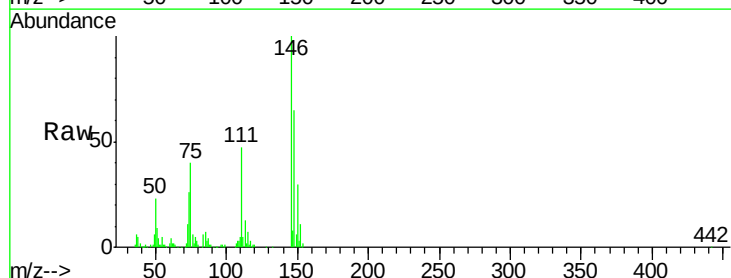
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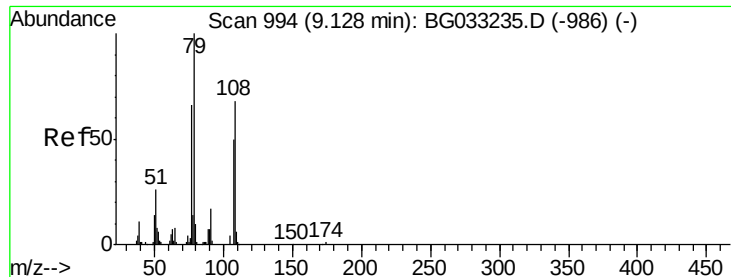
Sohil
 4/11/2018 5:18:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.499 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.3	73.9
111	46.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.879 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

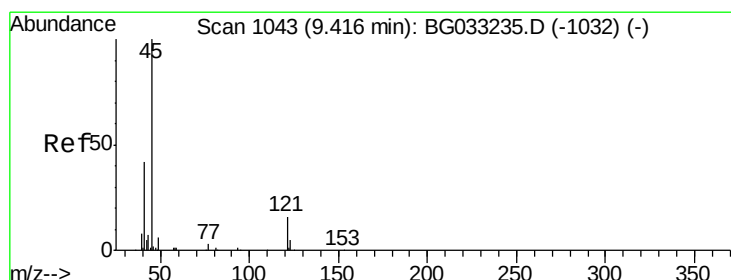
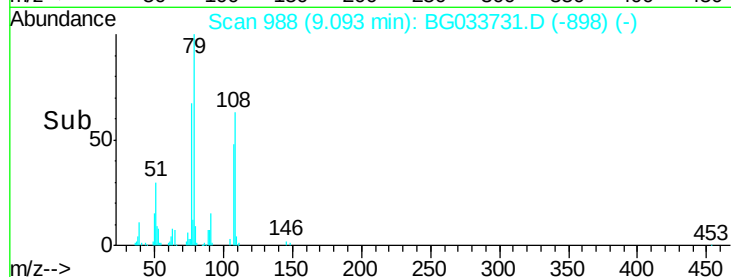
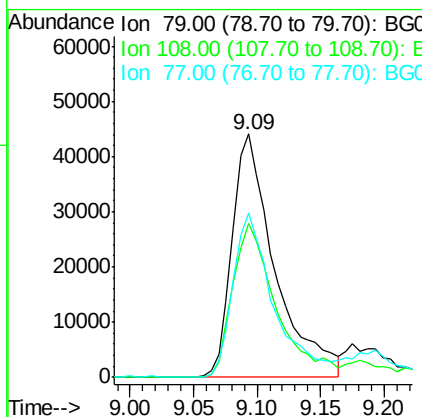
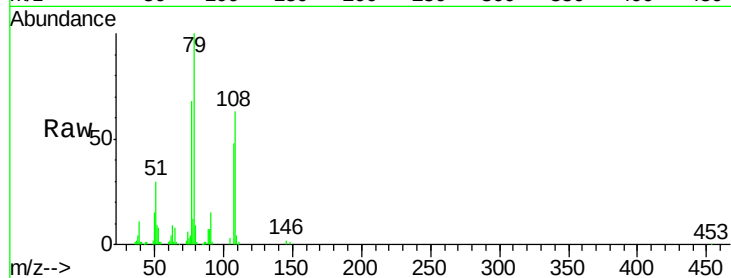
ClientSampleId :

HD-01-040918MS

Tot Ion:	79	Resp:	103138
Ion Ratio	Lower	Upper	
79	100		
108	63.4	57.2	85.8
77	67.7	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.612 ng

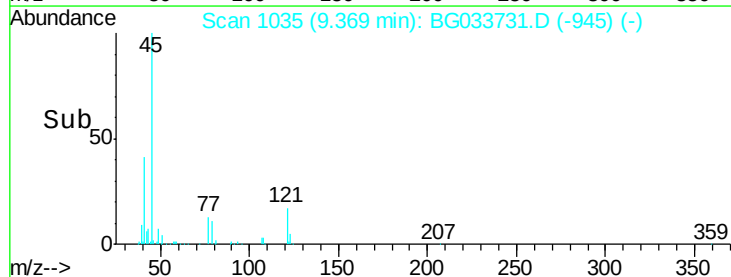
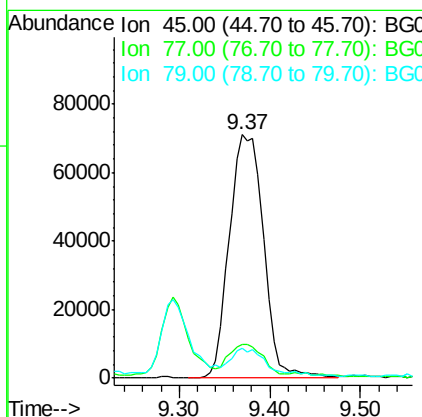
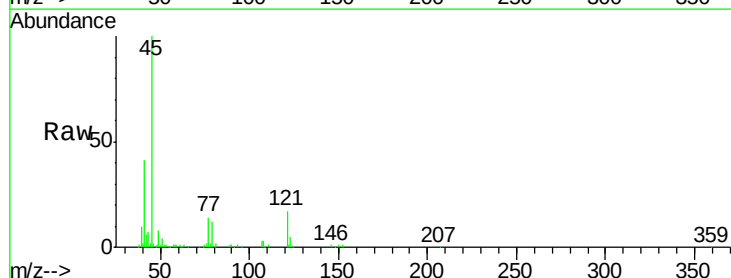
RT: 9.37 min Scan# 1035

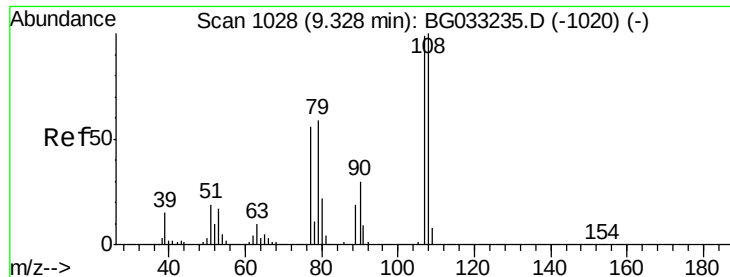
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	45	Resp:	187076
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	30.2
79	12.1	0.0	27.9





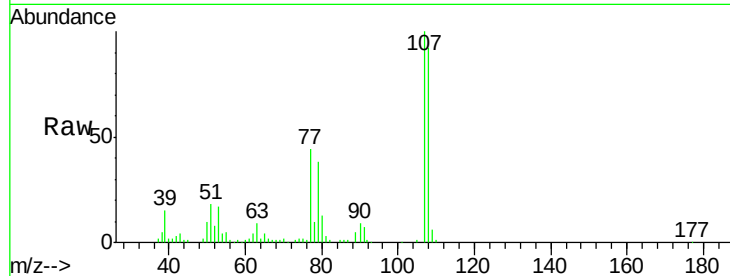
#17
2-Methylphenol
Concen: 59.257 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.34 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

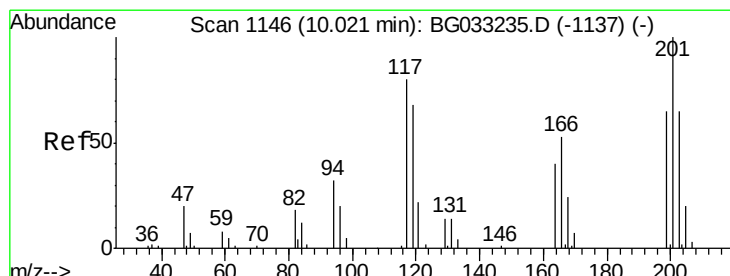
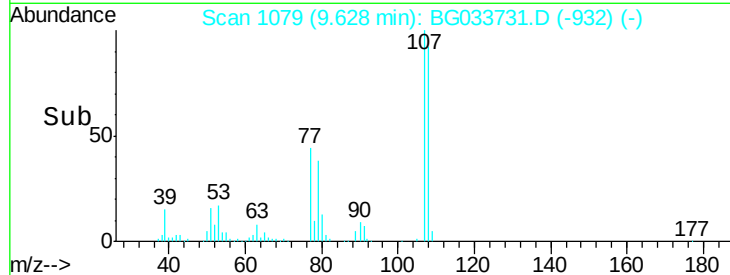
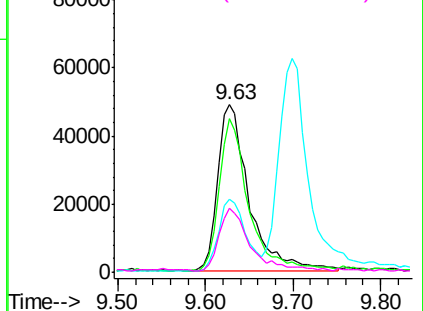
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.9	83.9	125.9	
77	43.9	37.2	55.8	
79	38.1	36.2	54.2	

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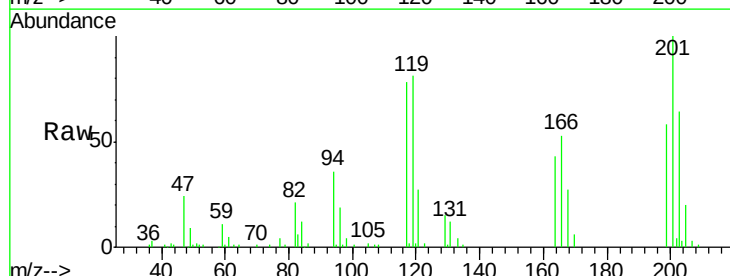


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

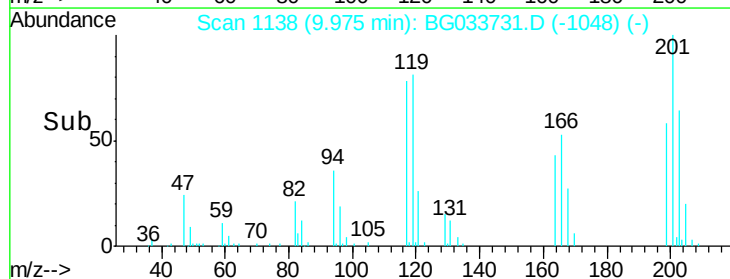
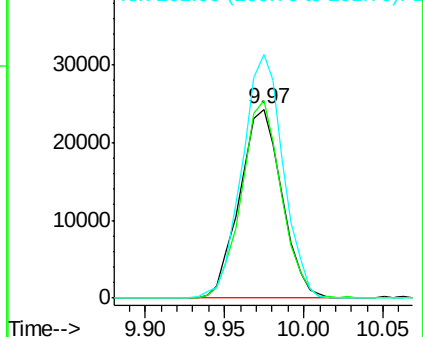


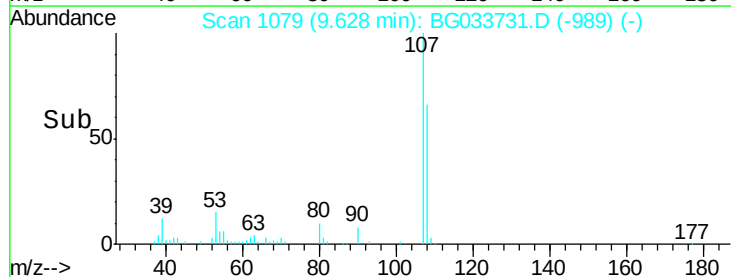
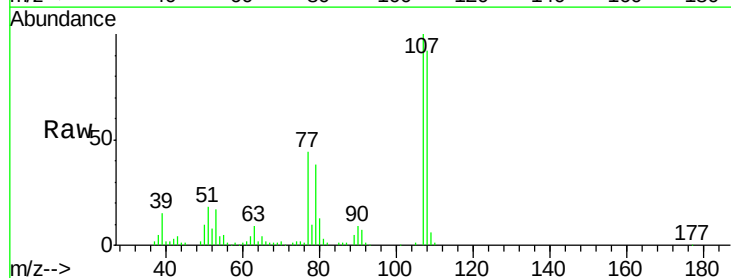
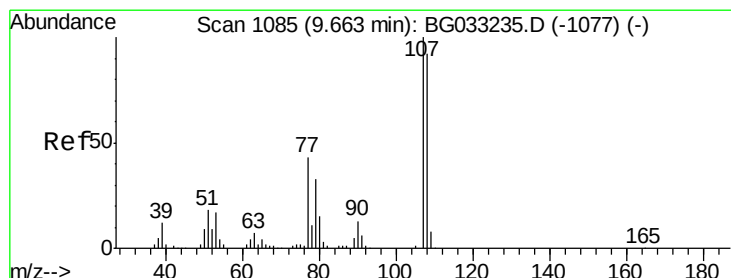
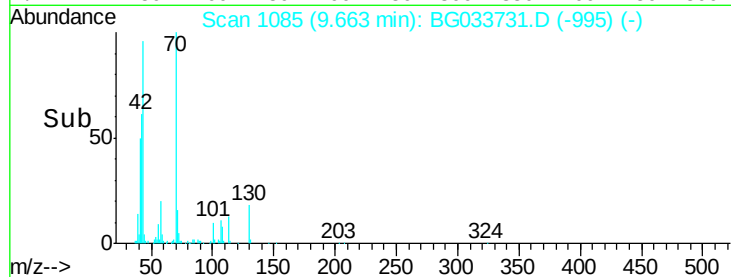
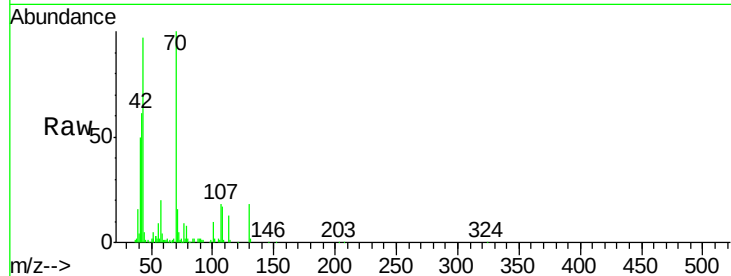
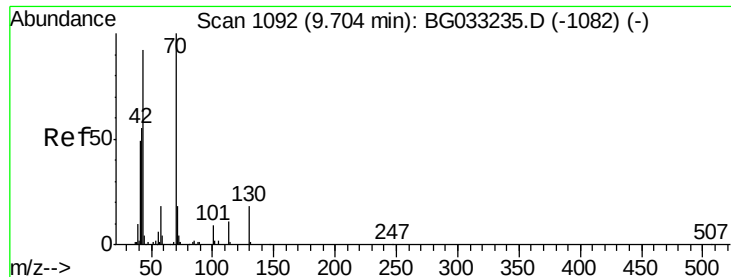
#18
Hexachloroethane
Concen: 43.793 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	107.0	76.7	115.1	
201	128.8	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





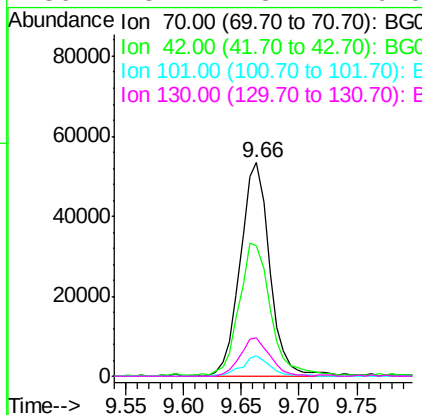
#19
n-Nitroso-di-n-propylamine
Concen: 42.427 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	49.1	73.7	
101	9.6	8.5	12.7	
130	18.2	13.4	20.0	

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

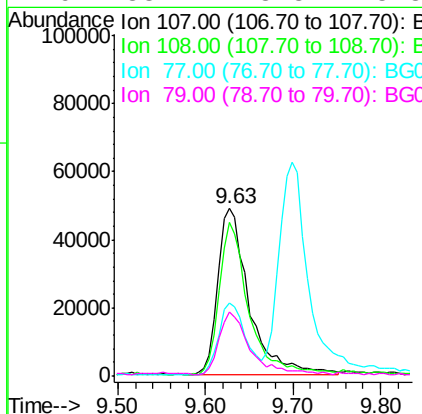
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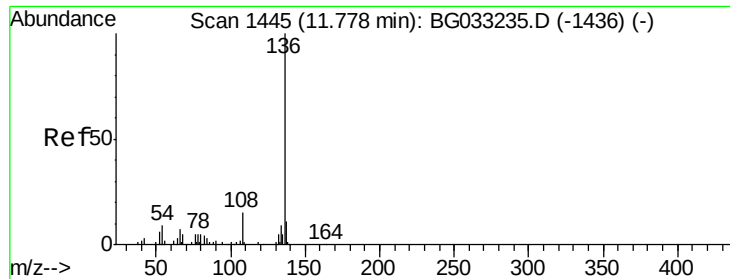
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#20
3+4-Methylphenols
Concen: 41.619 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	61.6	101.6	
77	43.9	13.9	53.9	
79	38.1	8.8	48.8	





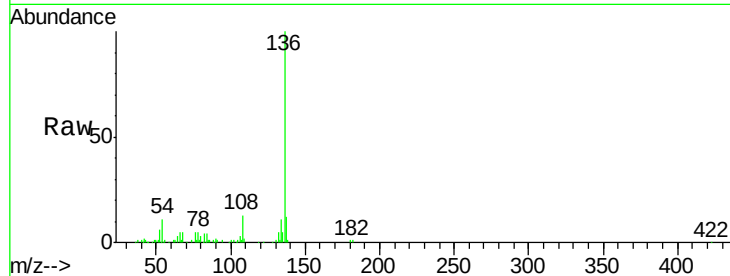
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

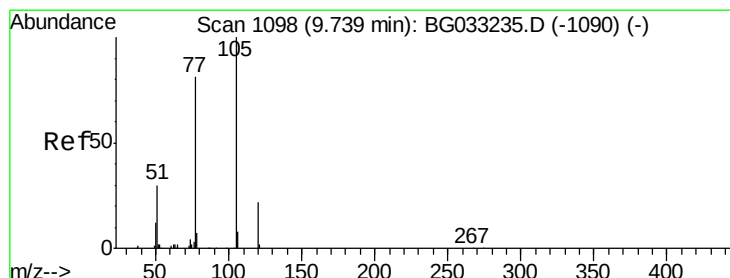
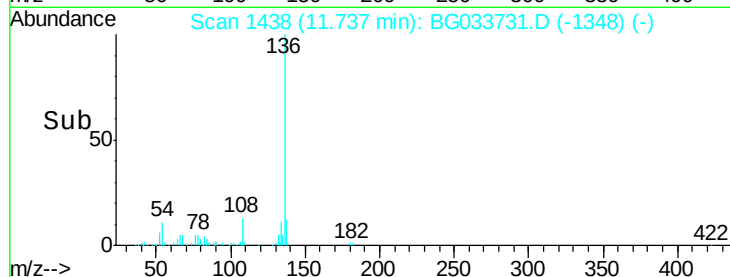
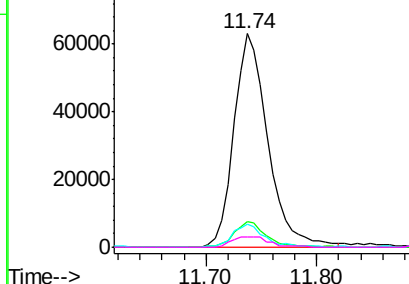
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.2	13.8	
54	10.8	10.3	15.5	
68	4.9	4.5	6.7	

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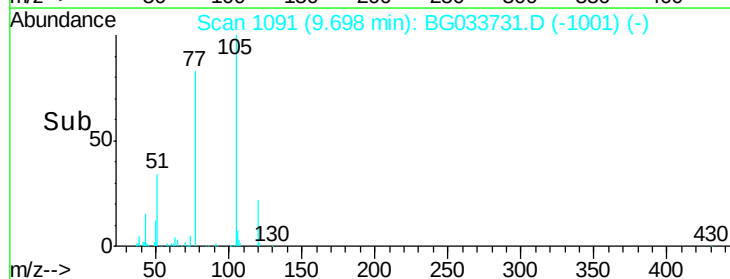
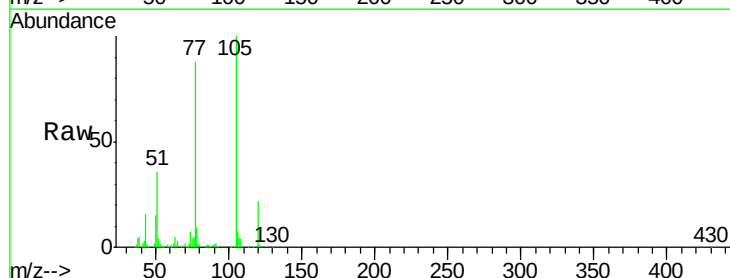
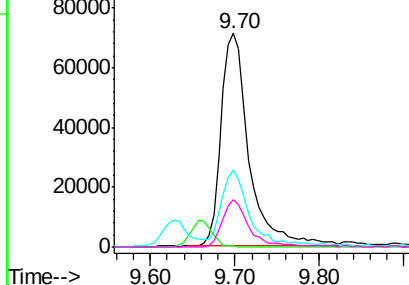
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

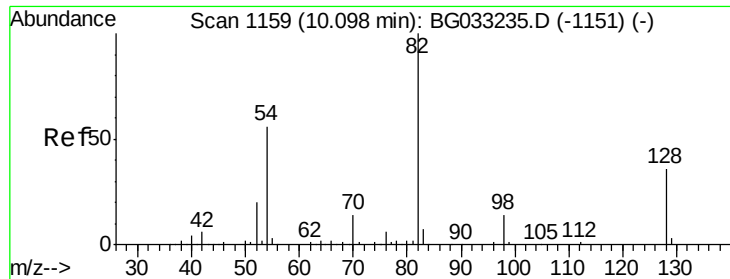


#22
Acetophenone
Concen: 44.166 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	3.0	4.4#	
51	35.9	26.1	39.1	
120	22.1	17.4	26.2	

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





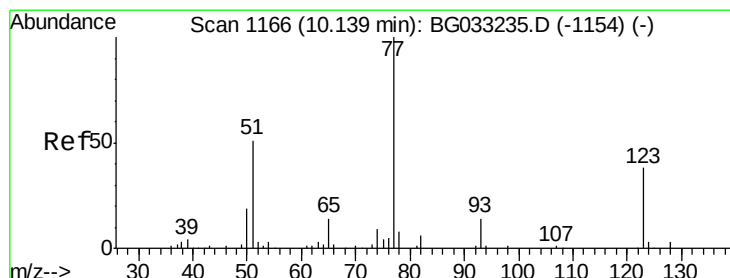
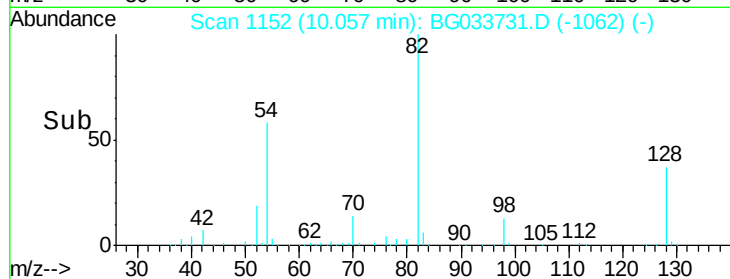
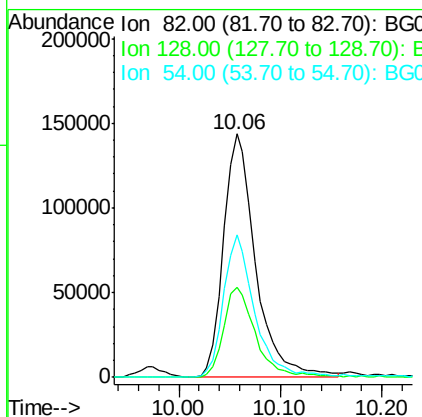
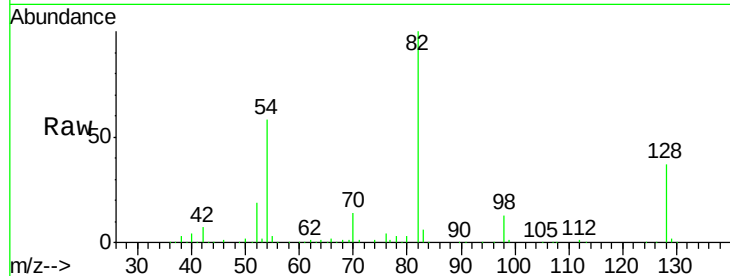
#23
 Nitrobenzene-d5
 Concen: 106.833 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.7	29.7	44.5	
54	58.5	43.1	64.7	

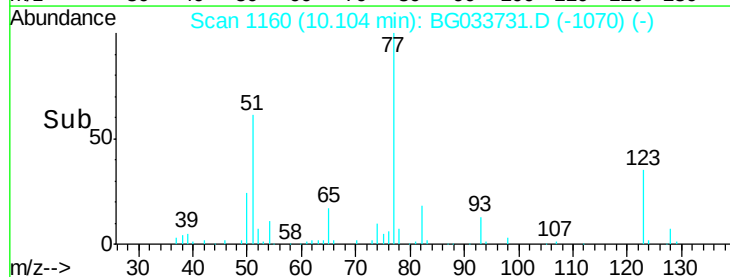
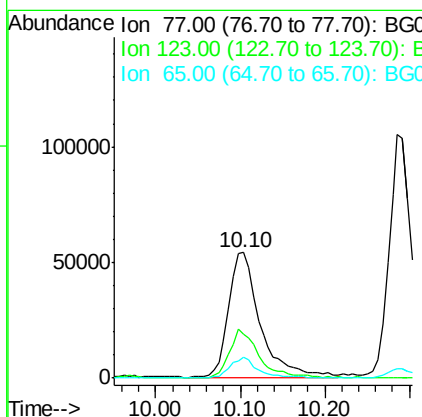
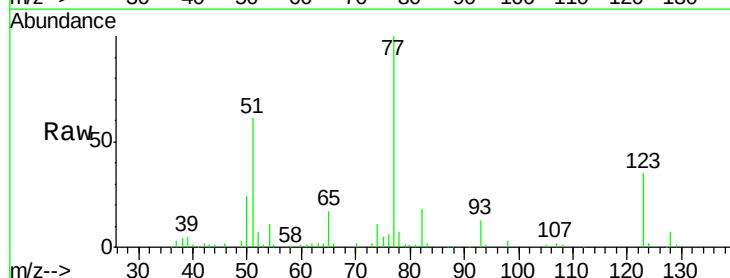
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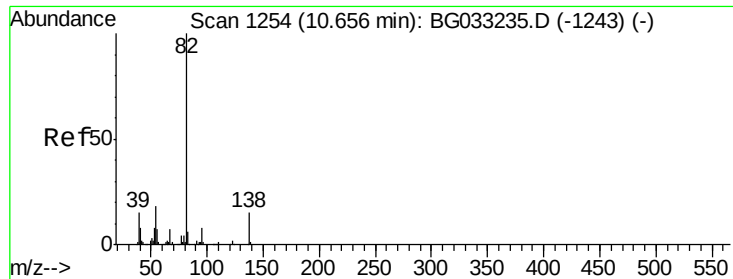
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#24
 Nitrobenzene
 Concen: 44.219 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.3	33.0	49.6	
65	16.8	13.0	19.6	





#25

Isophorone

Concen: 42.576 ng

RT: 10.61 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

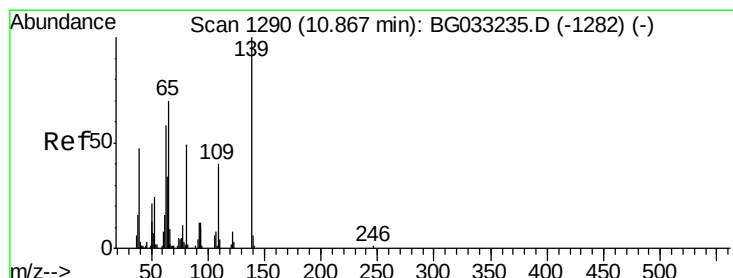
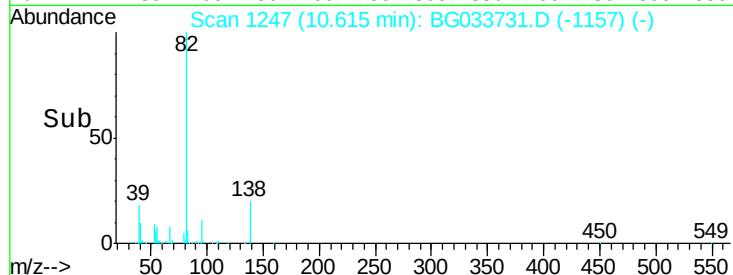
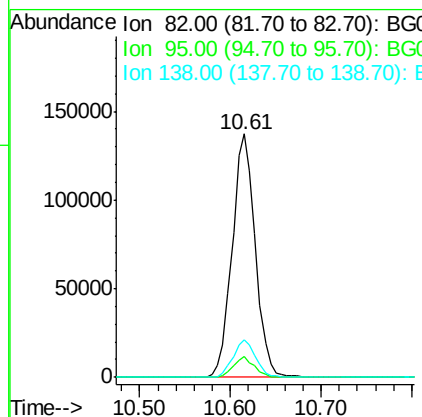
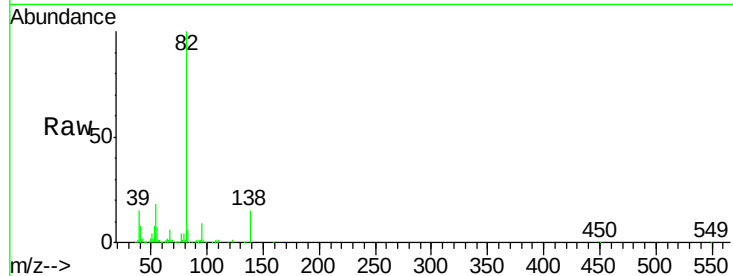
ClientSampleId :

HD-01-040918MS

Tot Ion:	82	Resp:	244466
Ion Ratio		Lower	Upper
82	100		
95	8.6	6.2	9.2
138	15.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 48.396 ng

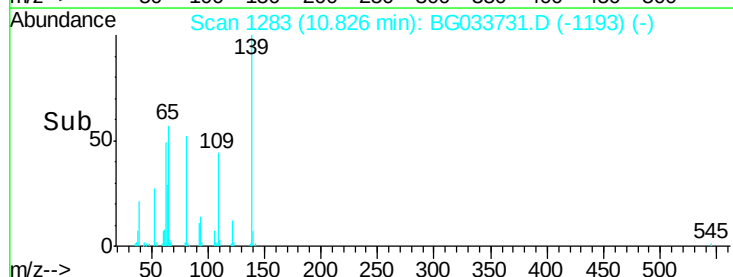
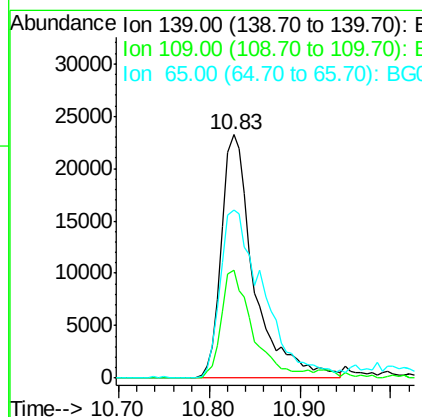
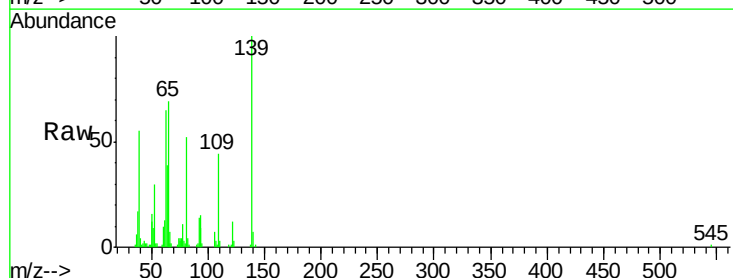
RT: 10.83 min Scan# 1283

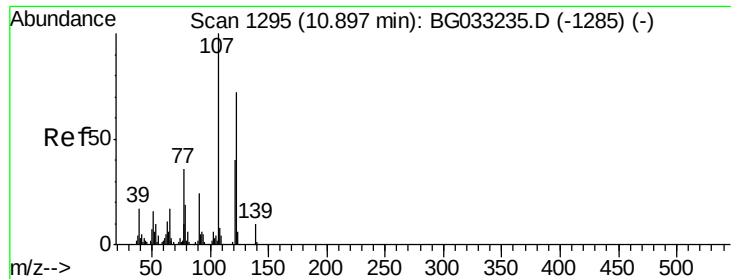
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	139	Resp:	58019
Ion Ratio		Lower	Upper
139	100		
109	44.4	24.2	36.2#
65	68.9	47.4	71.0





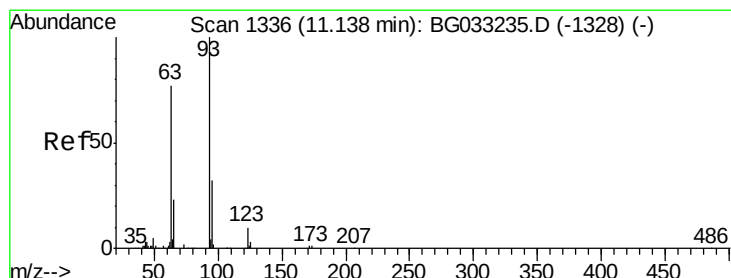
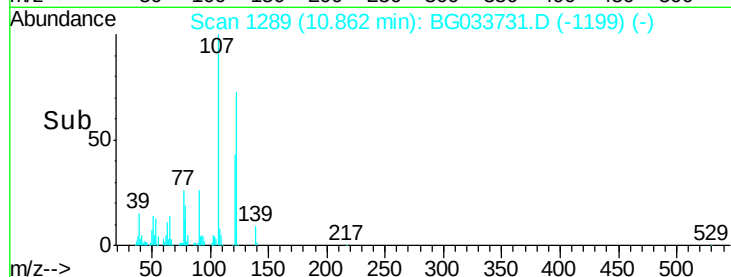
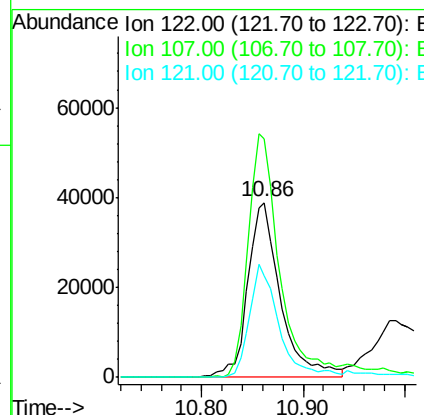
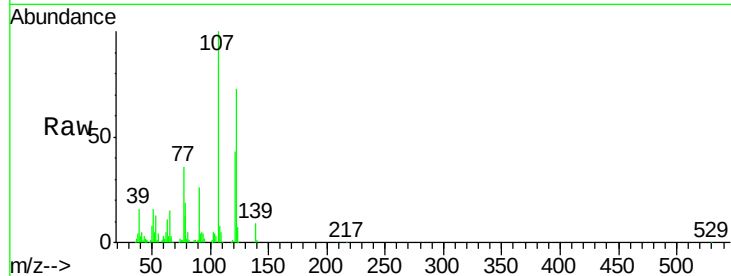
#27
 2,4-Dimethylphenol
 Concen: 49.980 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.1	100.2	150.2
121	58.0	44.4	66.6

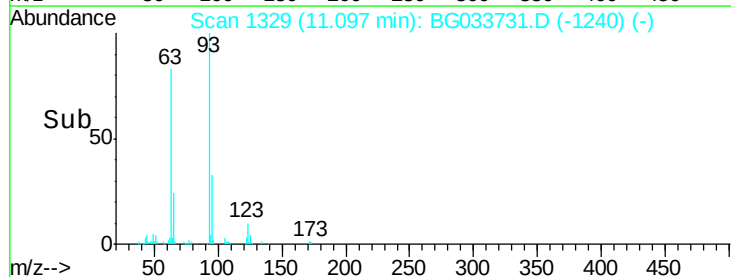
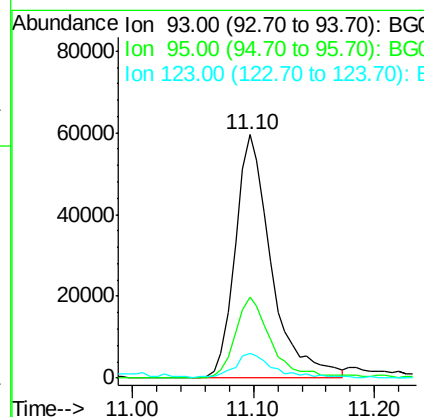
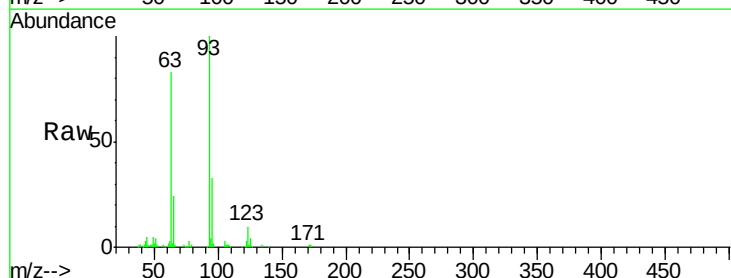
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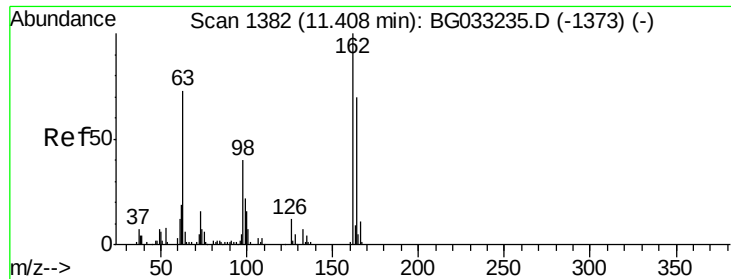
Sohil
 4/11/2018 5:18:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.278 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	10.1	8.4	12.6





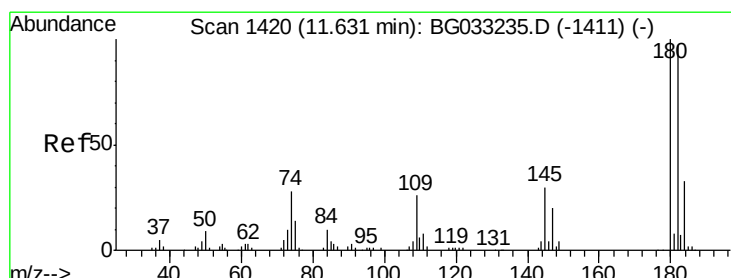
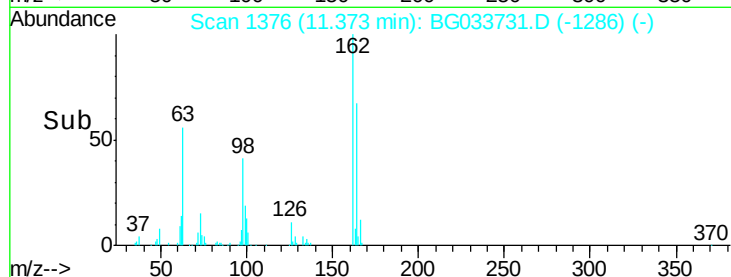
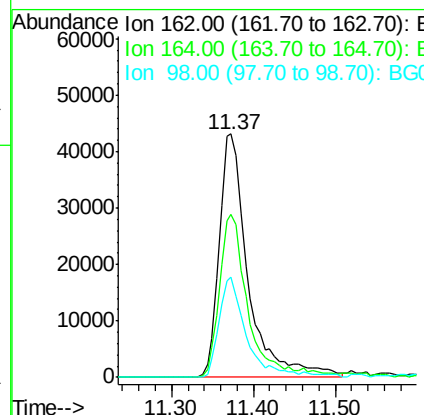
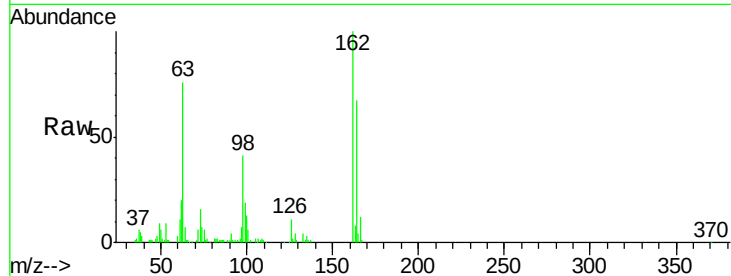
#29
2,4-Dichlorophenol
Concen: 49.574 ng
RT: 11.37 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.8	48.0	88.0	
98	41.0	21.1	61.1	

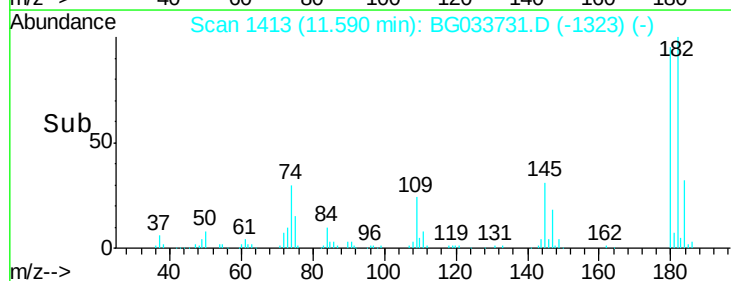
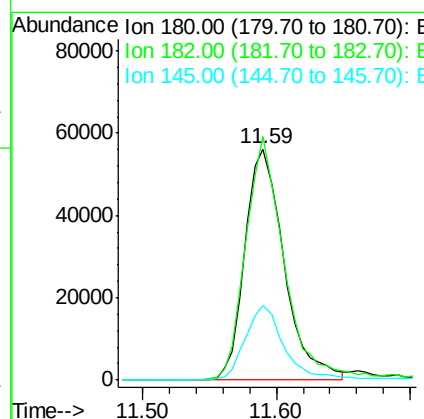
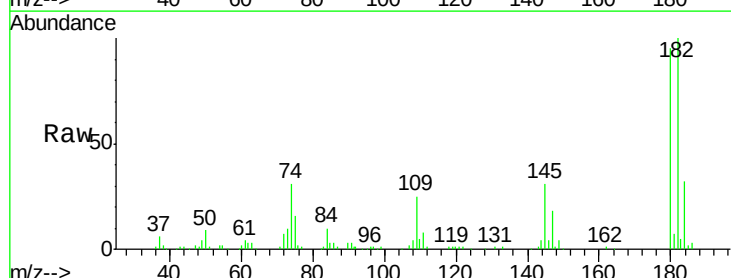
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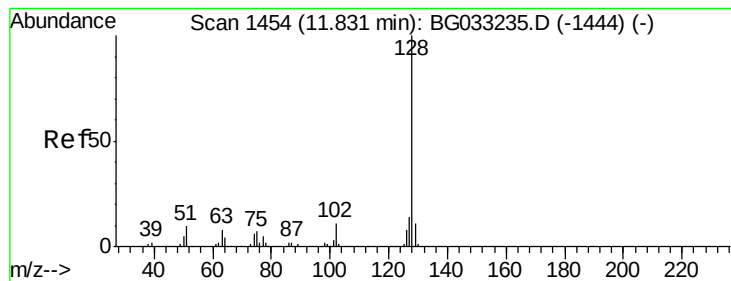
Sohil
4/11/2018 5:18:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.135 ng
RT: 11.59 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	105.3	77.5	116.3	
145	32.6	23.4	35.2	





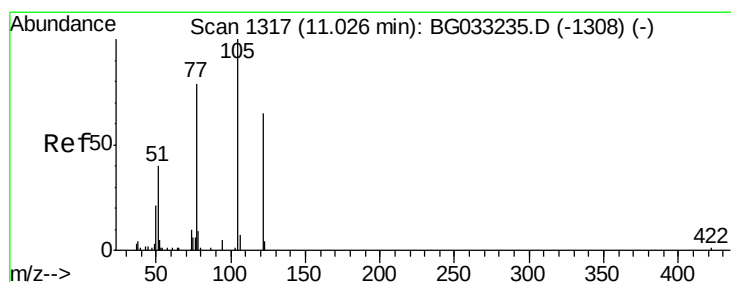
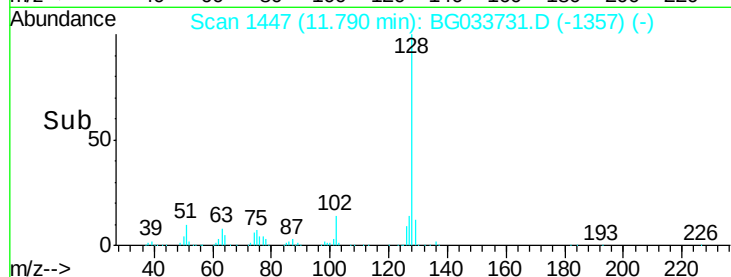
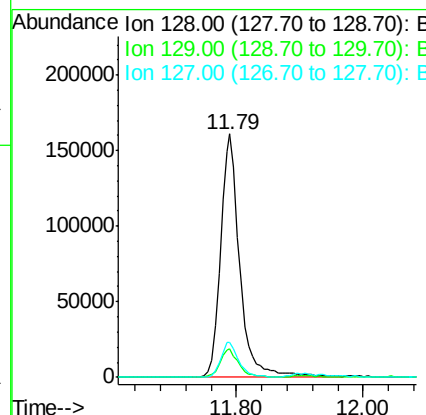
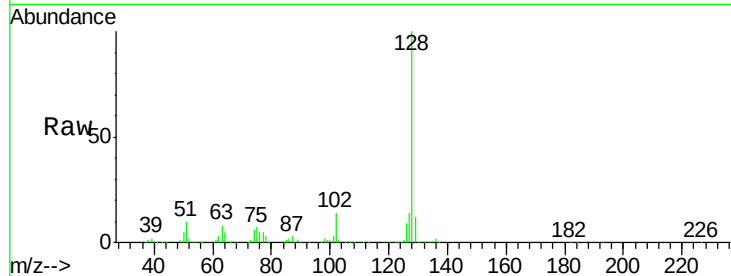
#31
Naphthalene
Concen: 49.156 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	14.4	11.6	17.4

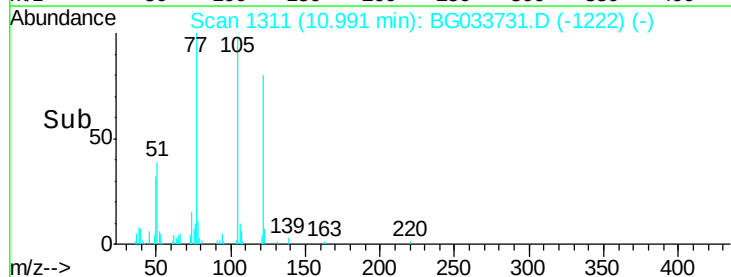
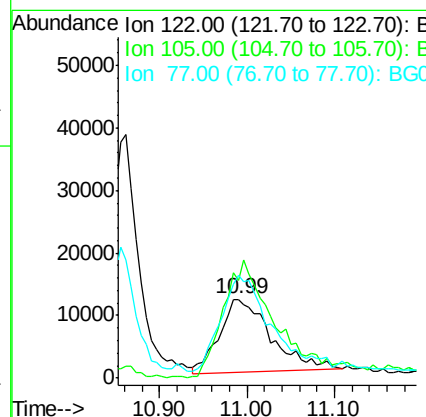
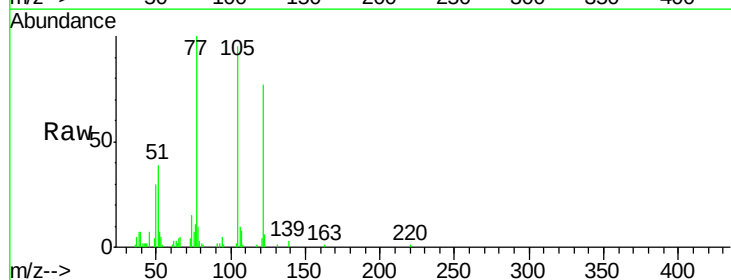
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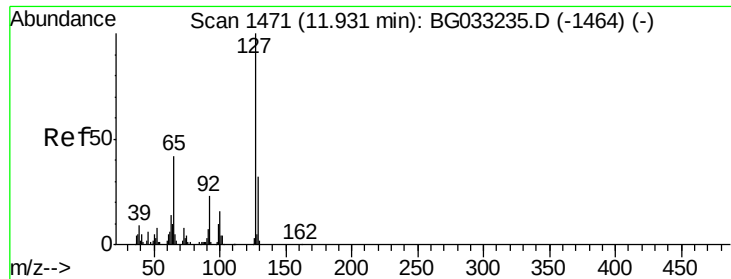
Sohil
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#32
Benzoic acid
Concen: 29.366 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	123.5	163.5
77	130.6	85.7	125.7#





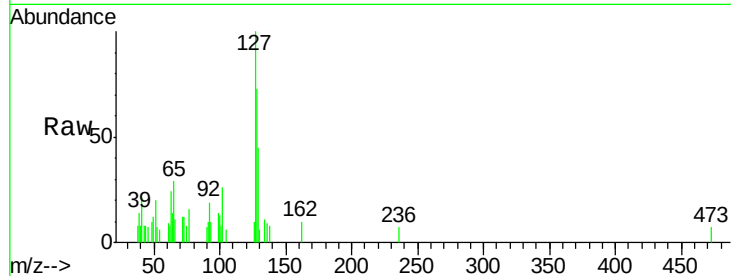
#33
4-Chloroaniline
Concen: 2.688 ng/ml
RT: 11.91 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

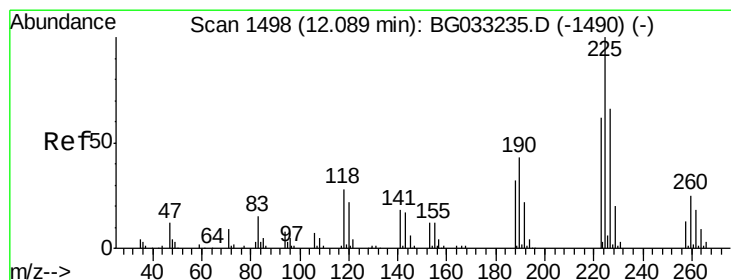
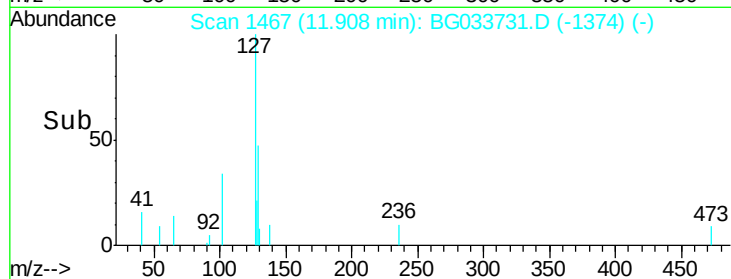
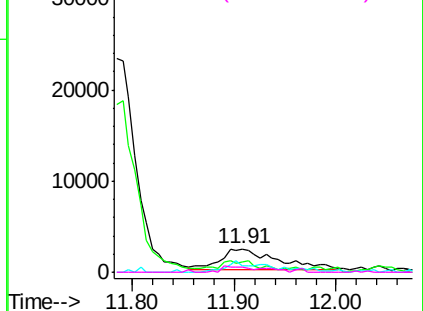
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	45.2	24.0	36.0		
65	28.5	27.0	40.4		
92	19.2	16.6	25.0		

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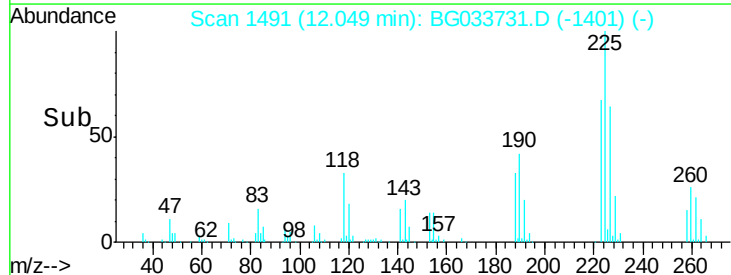
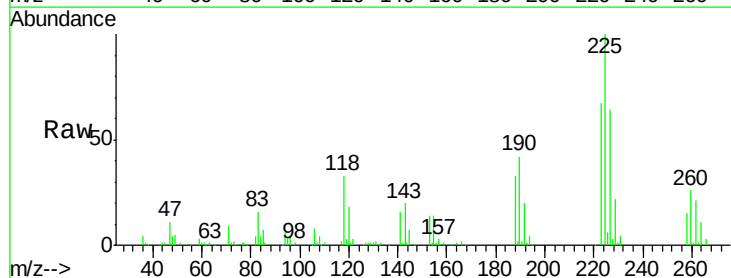
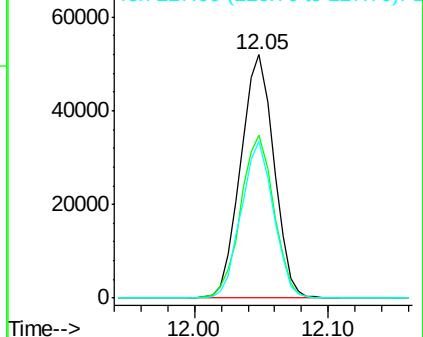
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

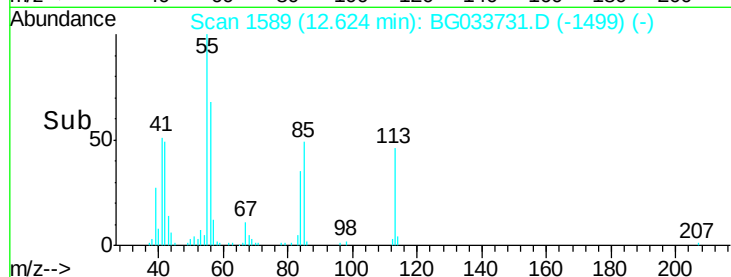
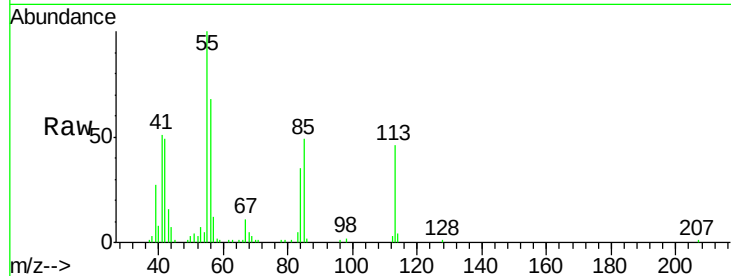
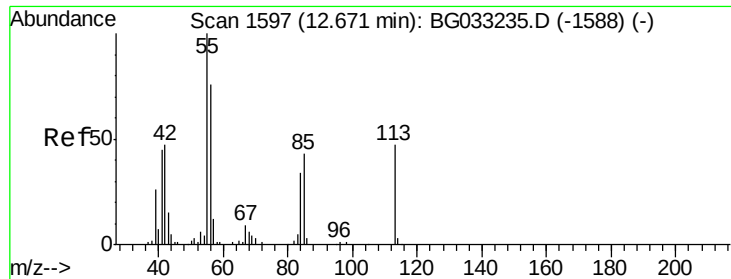


#34
Hexachlorobutadiene
Concen: 42.588 ng
RT: 12.05 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.0	49.7	74.5		
227	64.4	48.1	72.1		

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





#35

Caprolactam

Concen: 38.026 ng

RT: 12.62 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tot Ion:	113	Resp:	31907
Ion	Ratio	Lower	Upper
113	100		
55	216.8	186.9	226.9
56	148.0	130.9	170.9

Instrument :

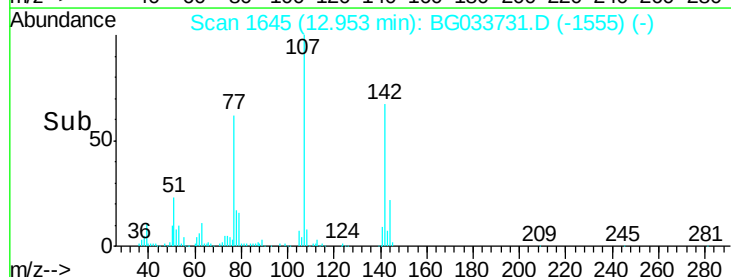
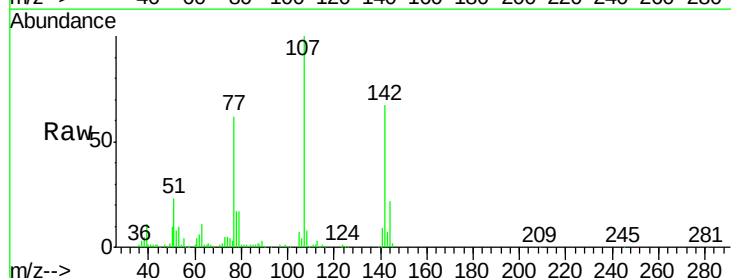
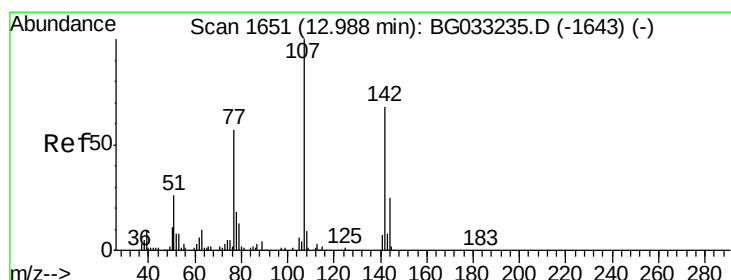
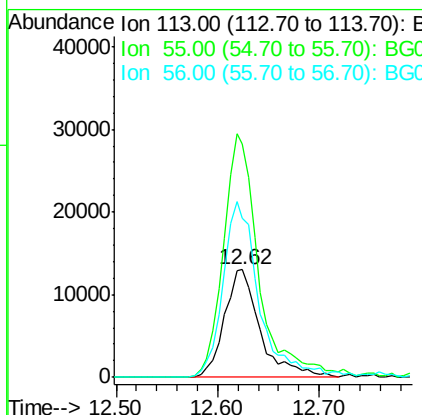
BNA_G

ClientSampleId :

HD-01-040918MS

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#36

4-Chloro-3-methylphenol

Concen: 48.867 ng

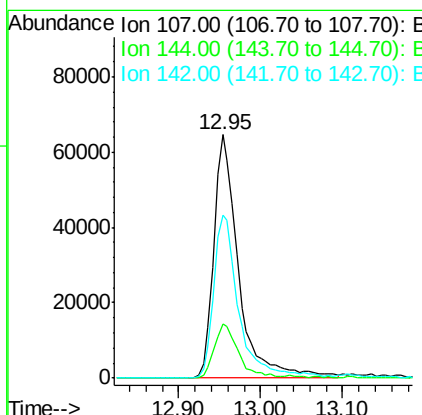
RT: 12.95 min Scan# 1645

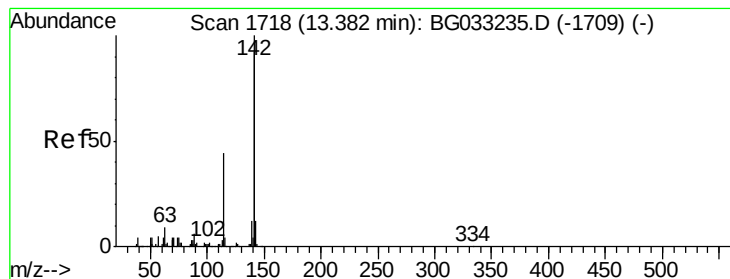
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	107	Resp:	136506
Ion	Ratio	Lower	Upper
107	100		
144	22.0	18.2	27.4
142	67.1	59.0	88.4





#37

2-Methylnaphthalene

Concen: 39.588 ng

RT: 13.34 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

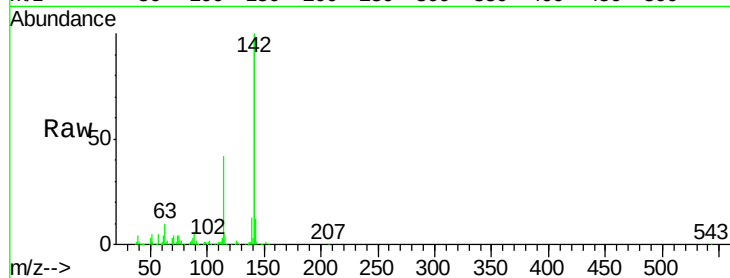
ClientSampleId :

HD-01-040918MS

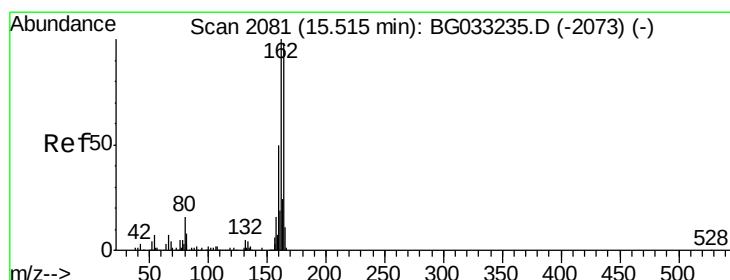
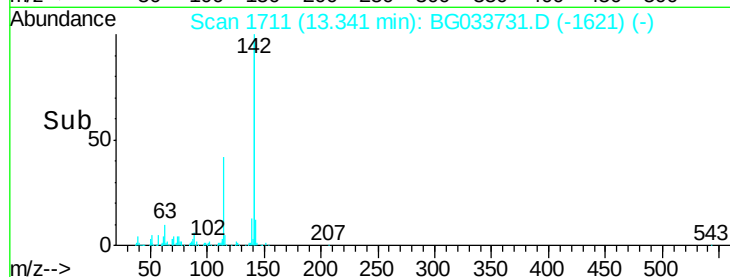
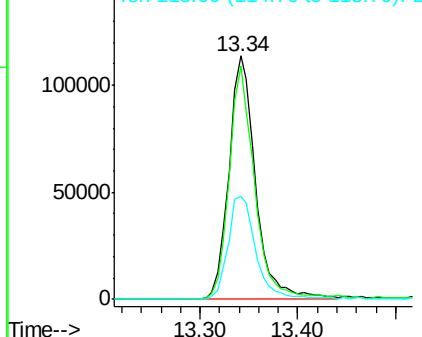
Tot Ion:	142	Resp:	216424
Ion Ratio	Lower	Upper	
142	100		
141	95.6	67.1	100.7
115	42.3	30.7	46.1

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

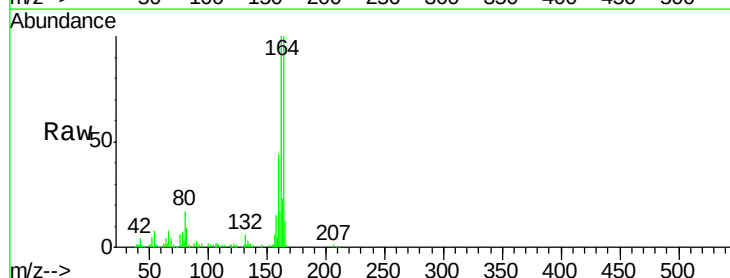
RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

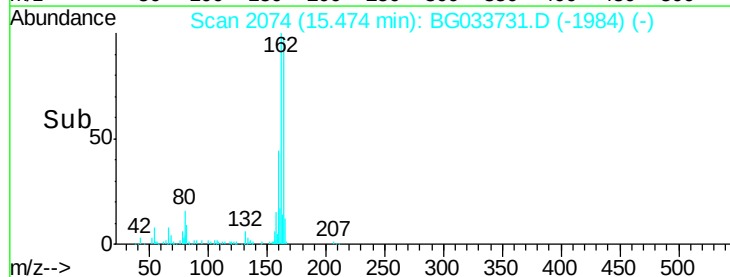
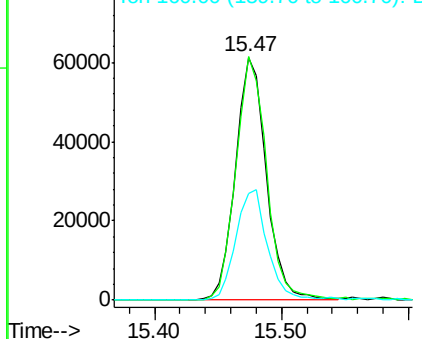
Lab File: BG033731.D

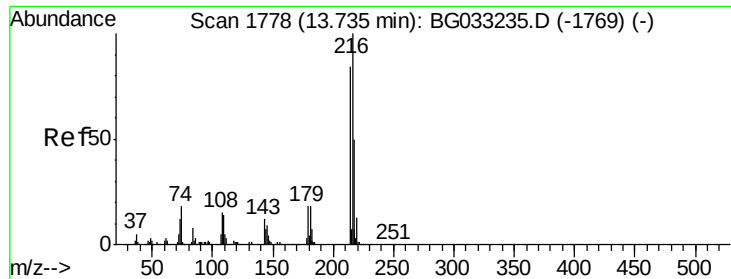
Acq: 11 Apr 2018 3:46

Tgt Ion:	164	Resp:	103221
Ion Ratio	Lower	Upper	
164	100		
162	100.3	78.8	118.2
160	43.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





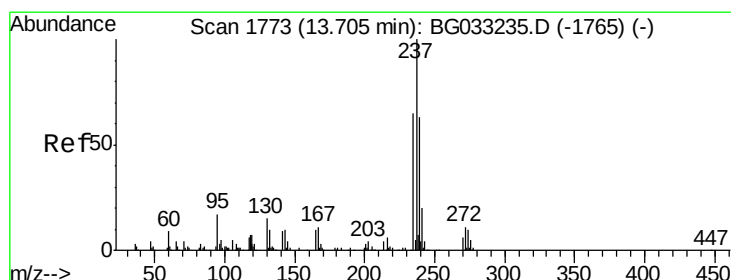
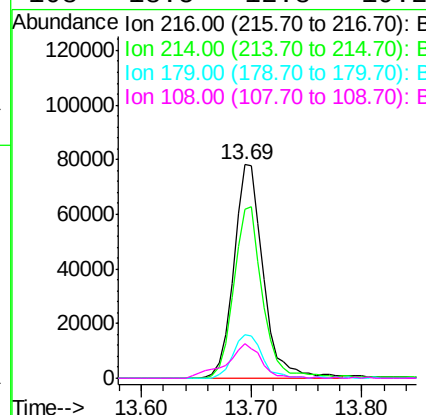
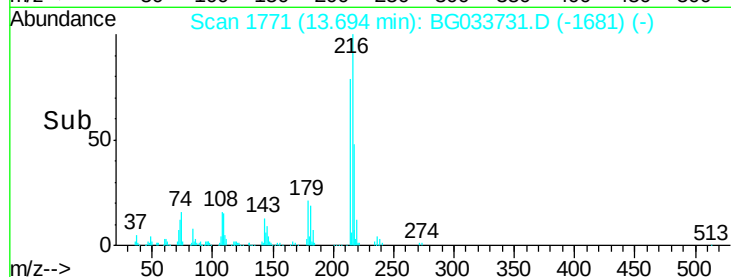
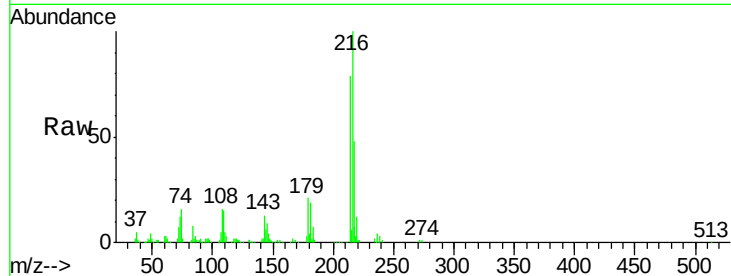
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.907 ng
 RT: 13.69 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.7		63.0	94.4	
179	20.4		17.0	25.6	
108	18.5		12.8	19.2	

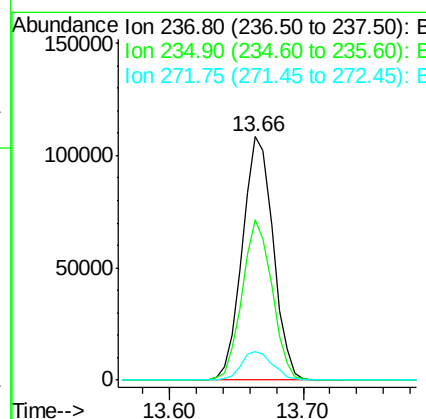
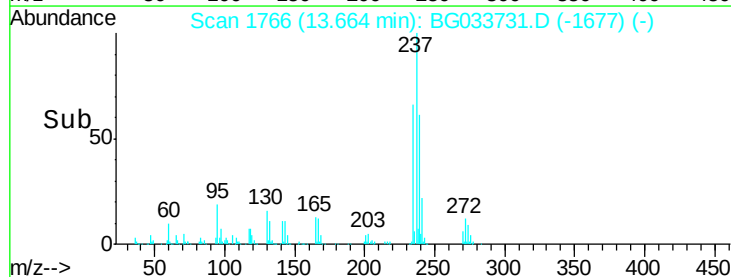
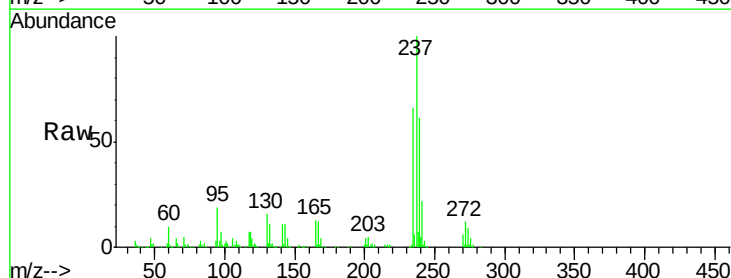
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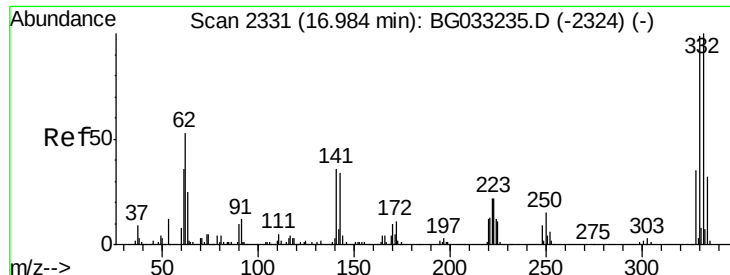
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#40
 Hexachlorocyclopentadiene
 Concen: 78.607 ng
 RT: 13.66 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	66.0		50.4	90.4	
272	11.9		0.0	31.8	





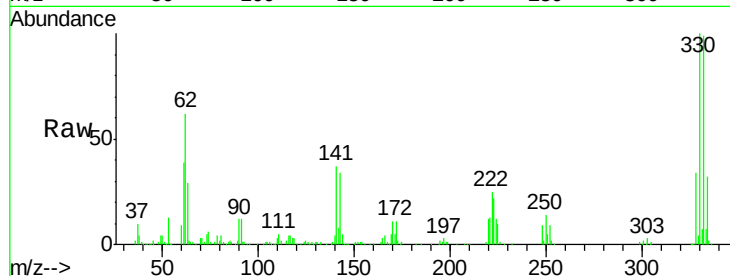
#41
 2,4,6-Tribromophenol
 Concen: 152.999 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

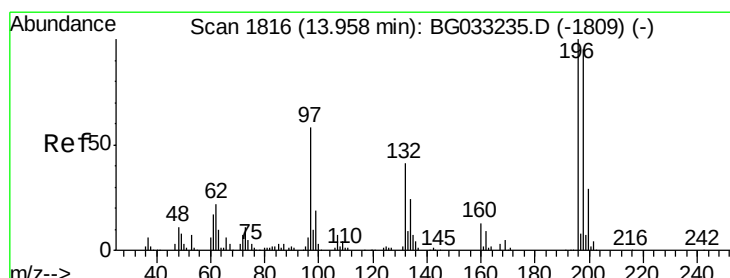
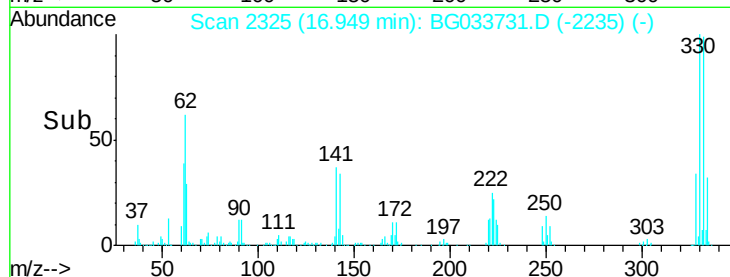
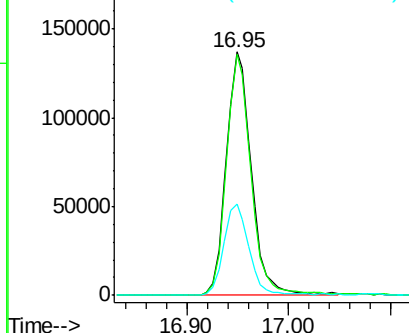
Tot Ion	Ratio	Resp	Lower	Upper
330	100	236198		
332	96.1	77.0	115.6	
141	37.5	25.2	37.8	

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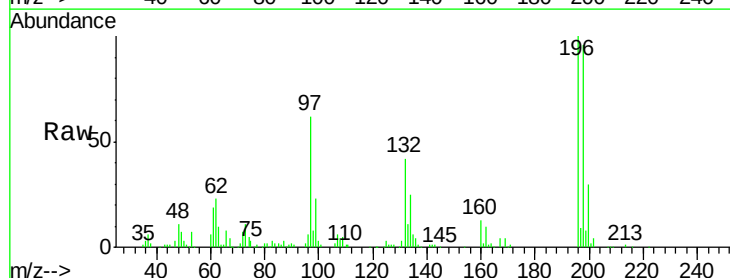


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

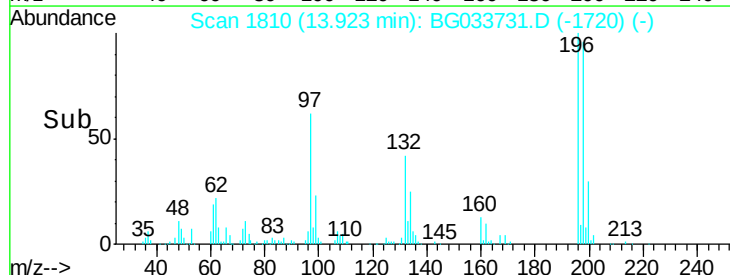
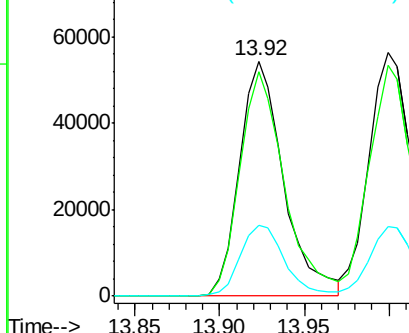


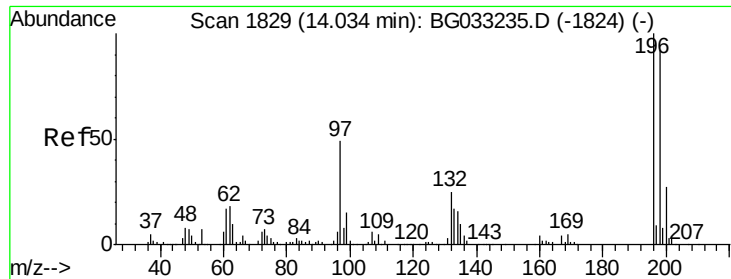
#42
 2,4,6-Trichlorophenol
 Concen: 45.333 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98478		
198	95.6	78.2	117.2	
200	30.1	24.6	36.8	



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





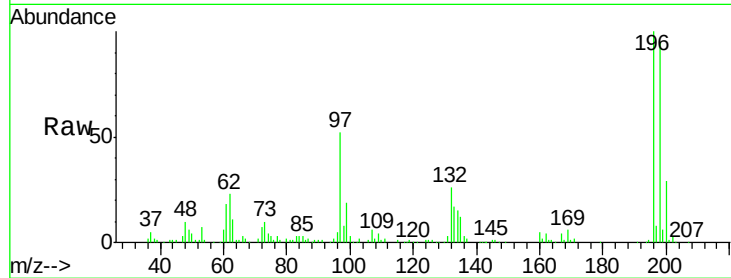
#43
2,4,5-Trichlorophenol
Concen: 44.489 ng
RT: 14.00 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		114233		
198	94.8	76.2	114.4		
97	51.6	38.7	58.1		
132	26.5	20.2	30.2		

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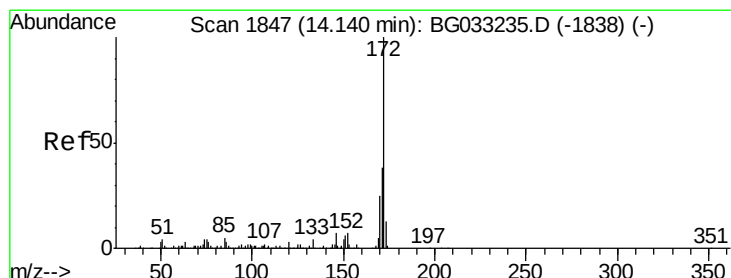
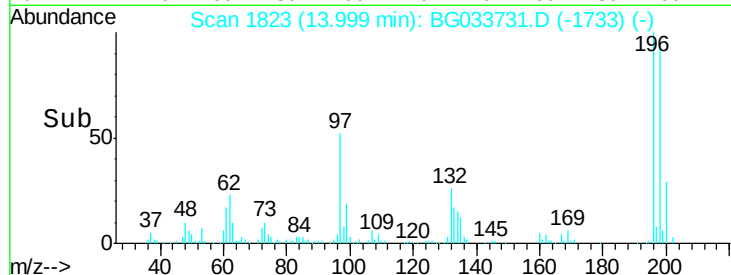
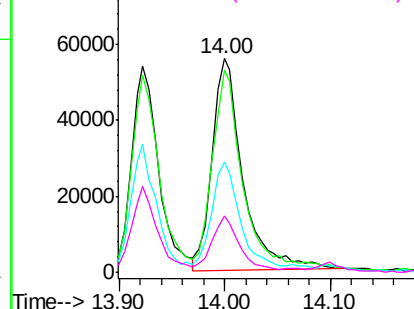
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 101.150 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

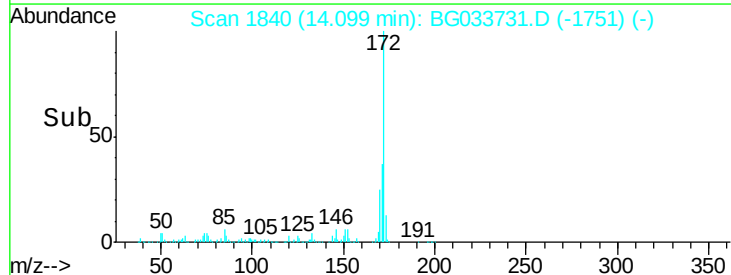
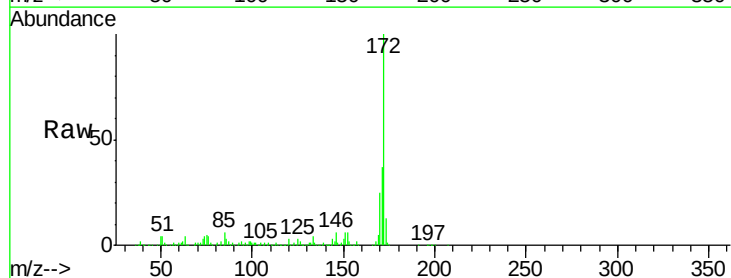
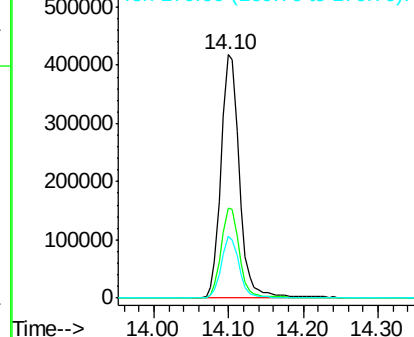
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		723227		
171	36.9	30.0	45.0		
170	25.3	19.5	29.3		

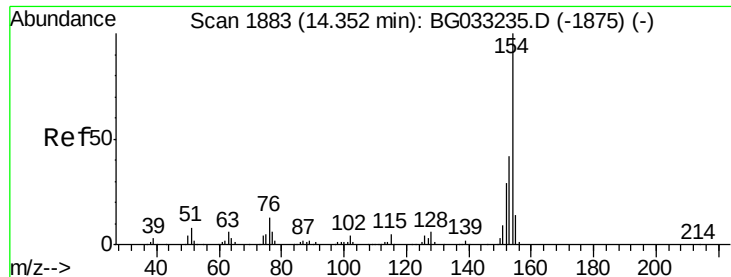
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.244 ng

RT: 14.32 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

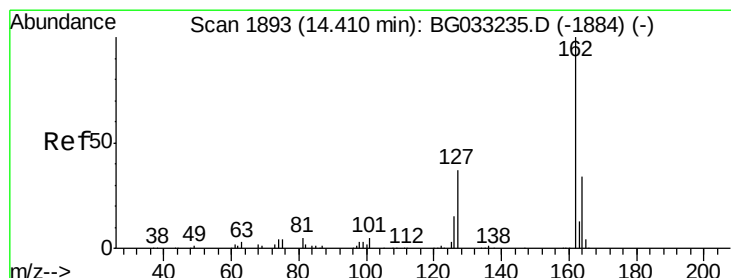
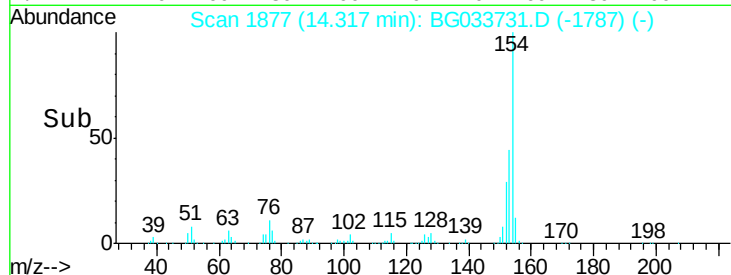
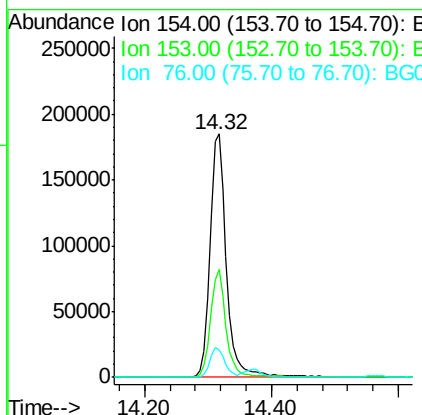
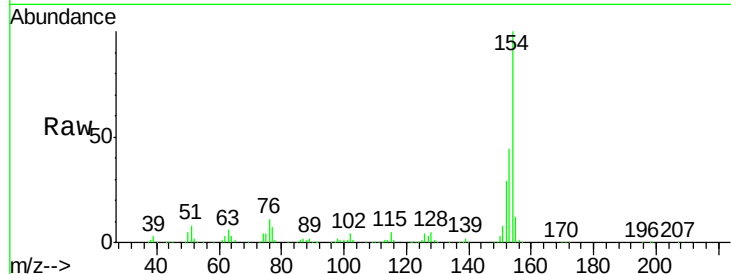
ClientSampleId :

HD-01-040918MS

Tot Ion:	154	Resp:	335005
Ion Ratio	Lower	Upper	
154	100		
153	44.1	19.8	59.8
76	11.3	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 42.504 ng

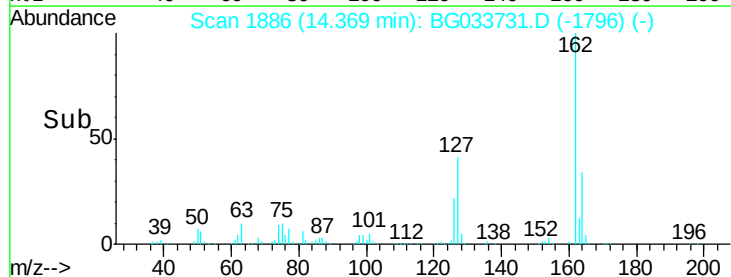
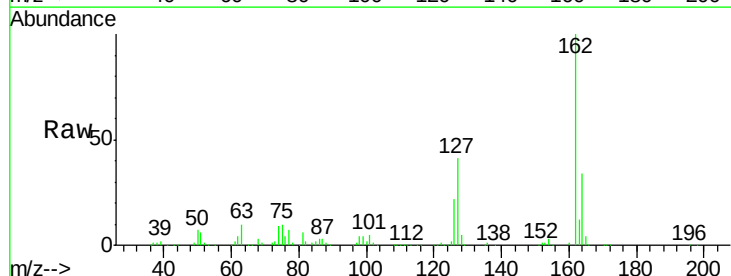
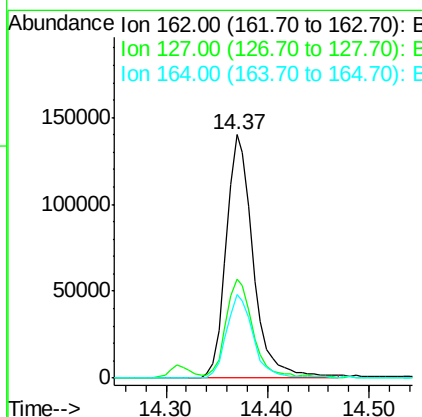
RT: 14.37 min Scan# 1886

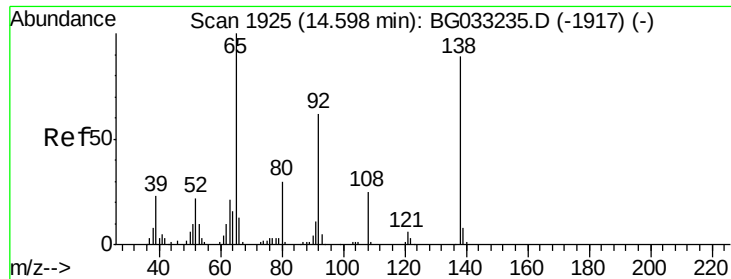
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	162	Resp:	259894
Ion Ratio	Lower	Upper	
162	100		
127	40.6	30.7	46.1
164	34.4	26.0	39.0





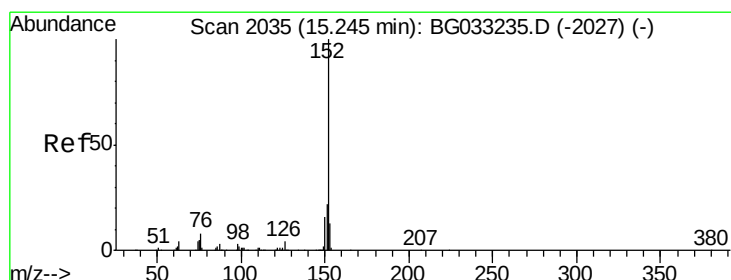
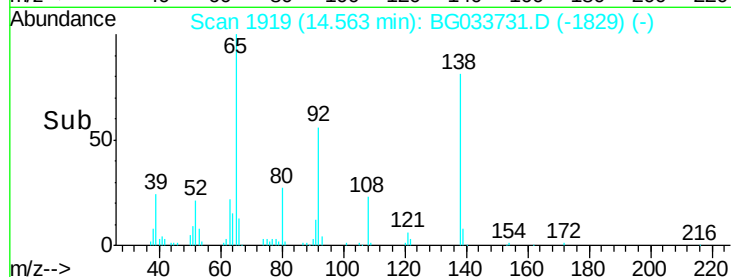
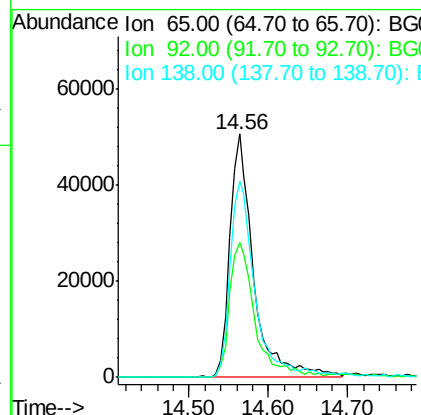
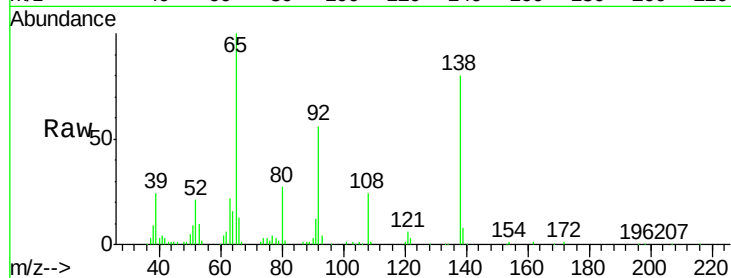
#47
2-Nitroaniline
Concen: 45.725 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	55.6	54.6	82.0
138	80.4	72.9	109.3

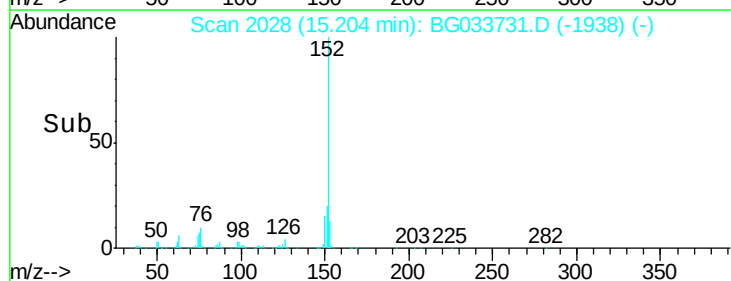
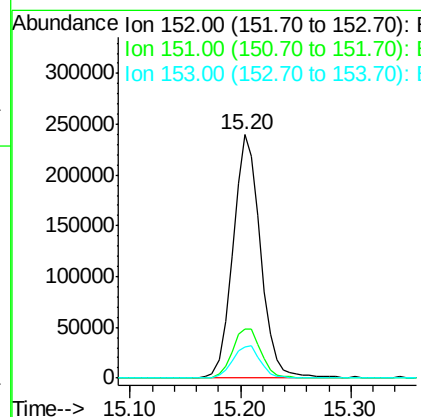
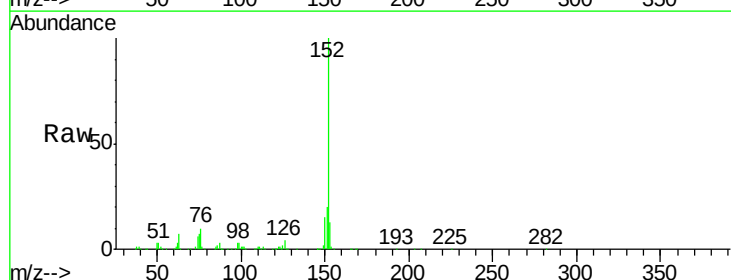
Manual Integrations
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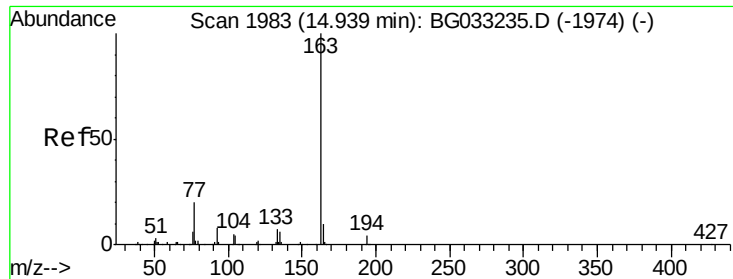
Sohil
4/11/2018 5:18:37 PM



#48
Acenaphthylene
Concen: 40.926 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	12.7	10.2	15.4





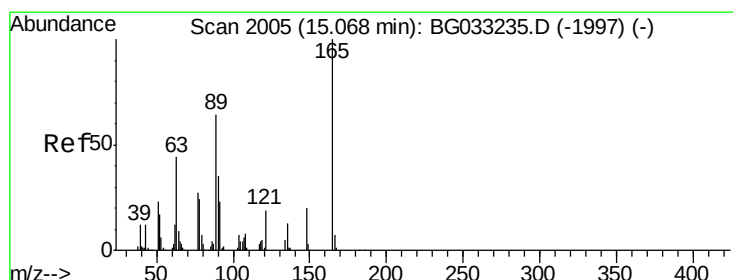
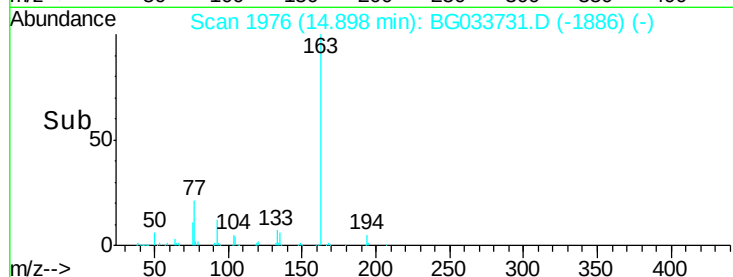
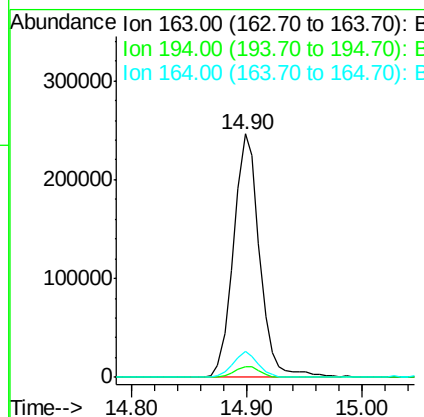
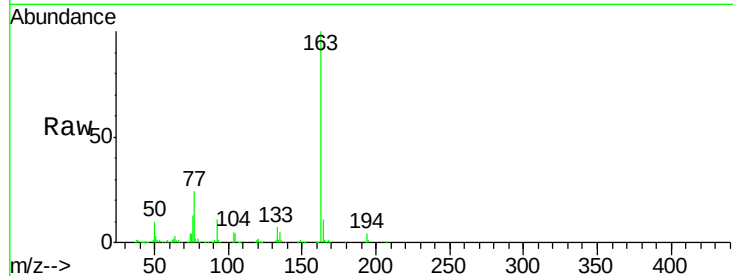
#49
Dimethylphthalate
Concen: 42.938 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion:	163	Resp:	385714
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.6	8.2	12.4

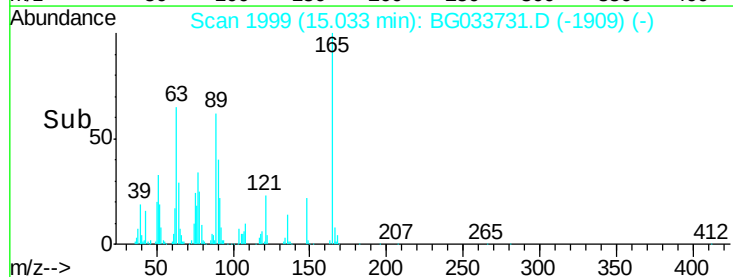
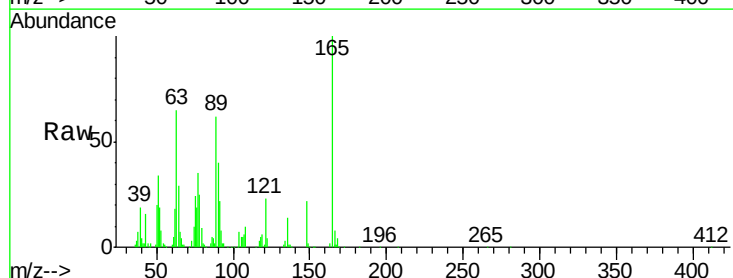
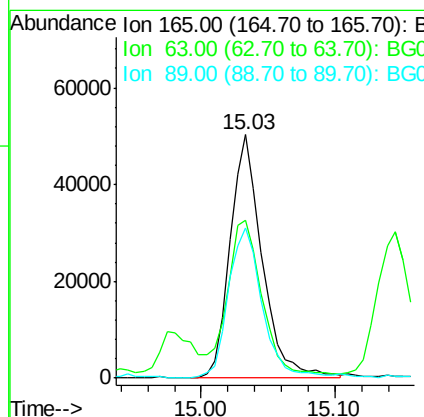
Manual Integrations
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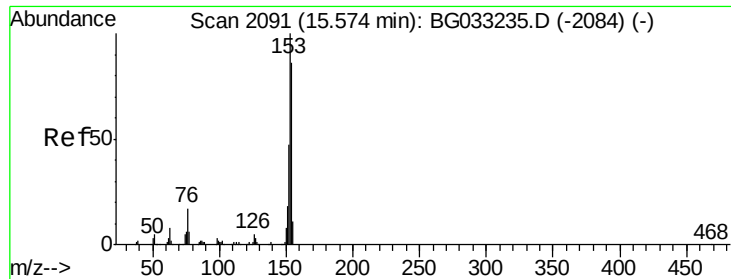
Sohil
4/11/2018 5:18:37 PM



#50
2,6-Dinitrotoluene
Concen: 45.959 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion:	165	Resp:	84417
Ion Ratio	Lower	Upper	
165	100		
63	64.8	52.7	79.1
89	61.8	49.2	73.8





#51

Acenaphthene

Concen: 48.803 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

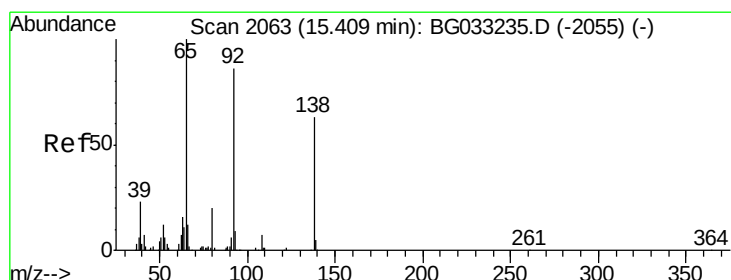
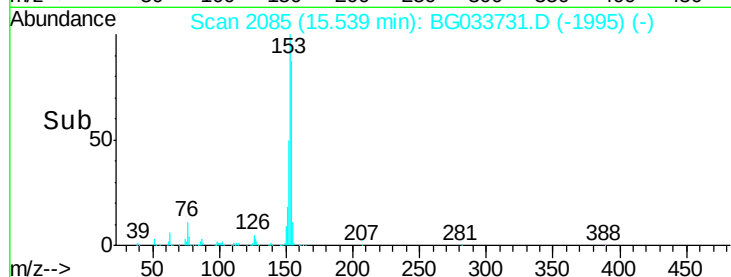
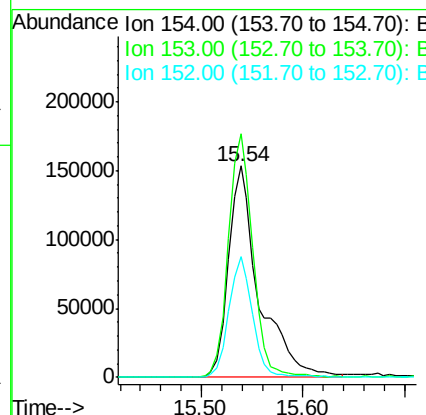
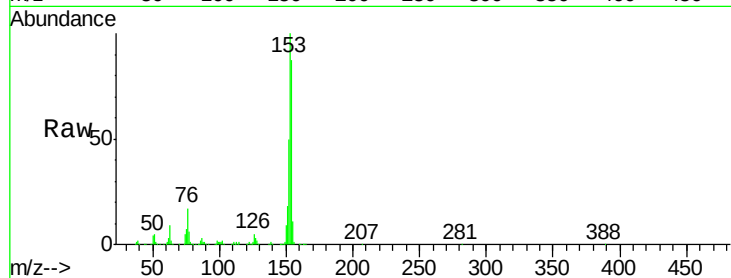
ClientSampleId :

HD-01-040918MS

Tot Ion:	154	Resp:	321101
Ion Ratio	Lower	Upper	
154	100		
153	115.2	90.4	135.6
152	57.3	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 5.812 ng

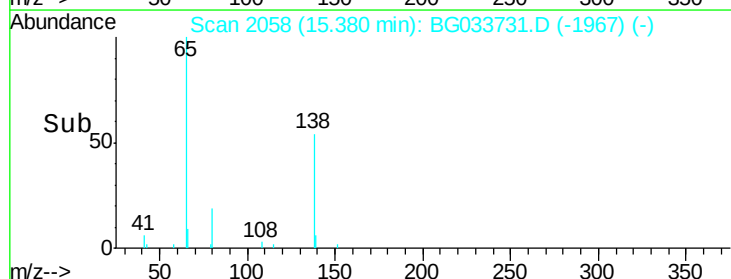
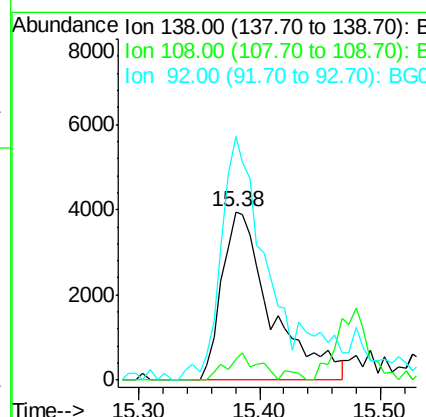
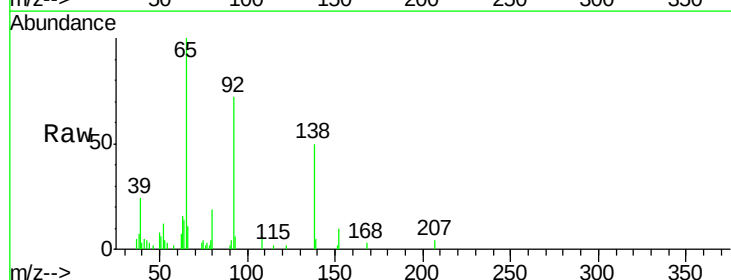
RT: 15.38 min Scan# 2058

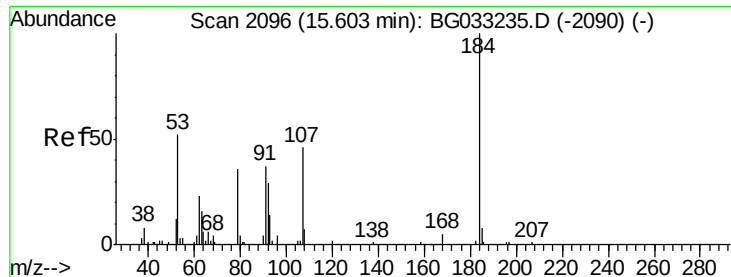
Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	138	Resp:	11193
Ion Ratio	Lower	Upper	
138	100		
108	12.5	17.5	26.3#
92	144.7	105.8	158.8





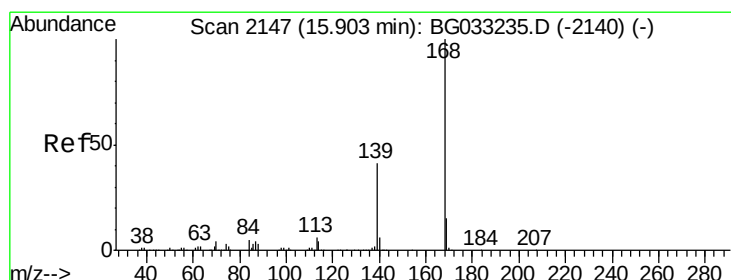
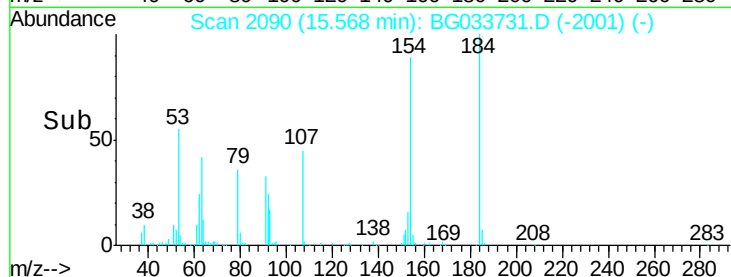
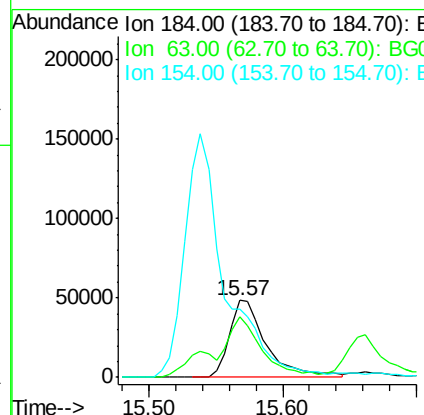
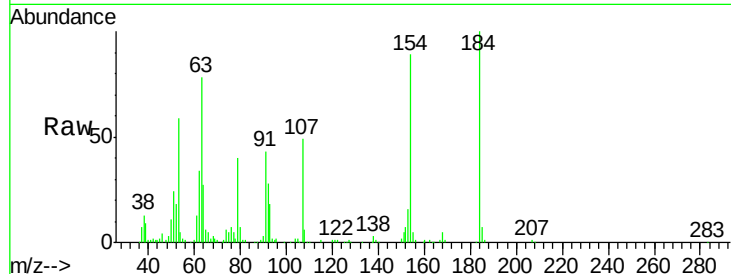
#53
2,4-Dinitrophenol
Concen: 96.736 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.4	59.8	89.8
154	88.9	101.8	152.8#

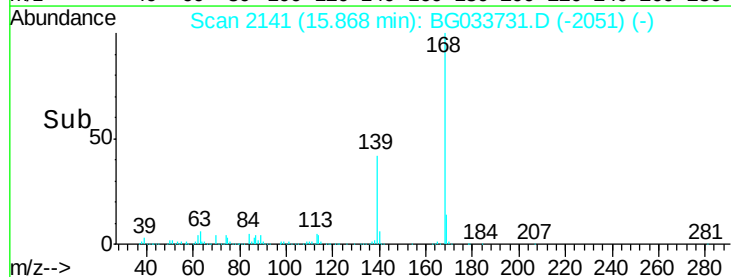
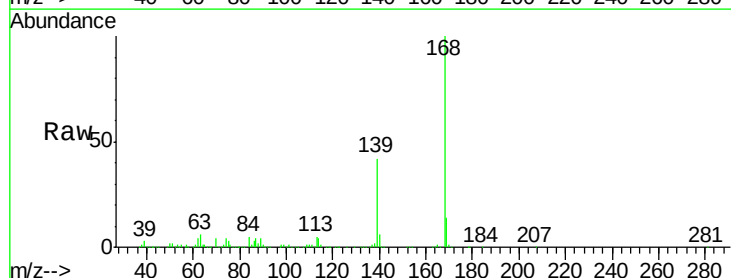
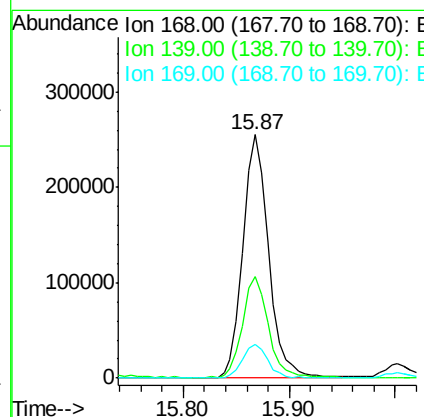
Manual Integrations
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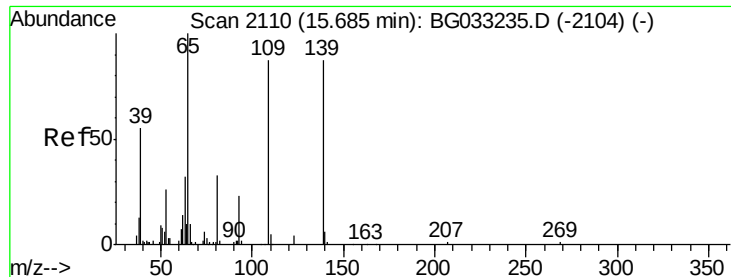
Sohil
4/11/2018 5:18:37 PM



#54
Dibenzofuran
Concen: 44.321 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	28.6	43.0
169	14.0	11.2	16.8





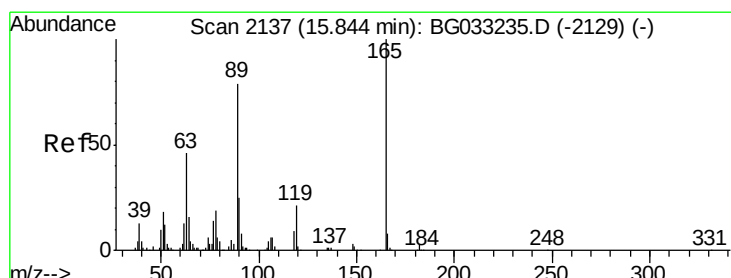
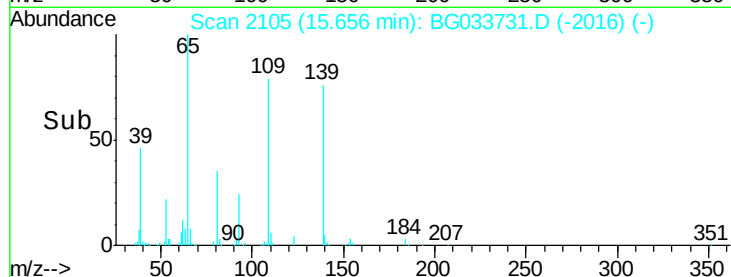
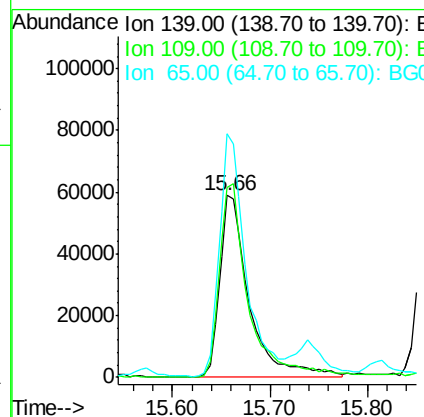
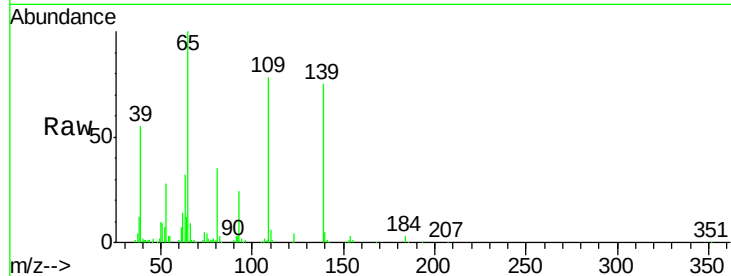
#55
4-Nitrophenol
Concen: 91.250 ng
RT: 15.66 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.2	62.2	102.2#	
65	134.0	97.2	137.2	

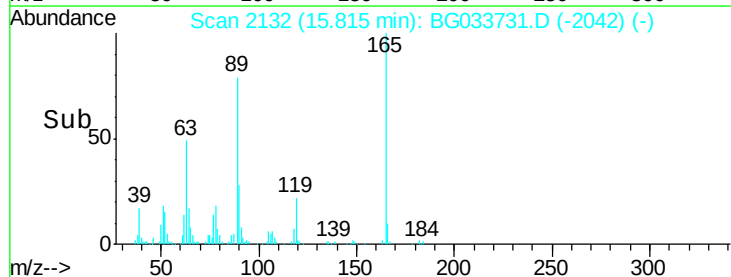
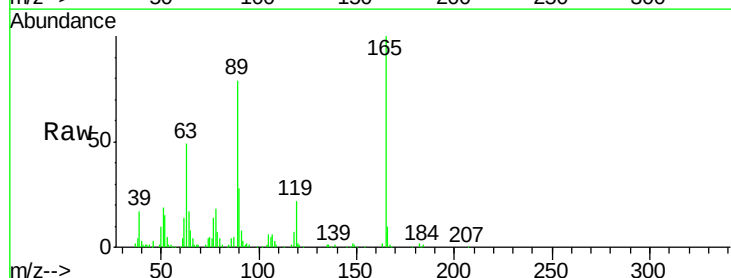
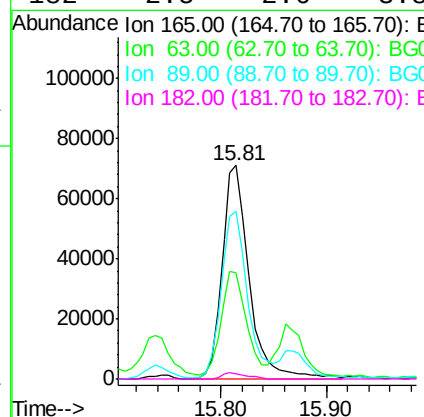
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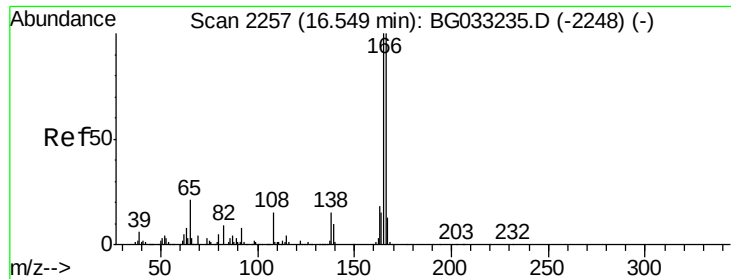
Sohil
4/11/2018 5:18:37 PM



#56
2,4-Dinitrotoluene
Concen: 46.865 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	42.0	63.0	
89	78.6	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 41.080 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

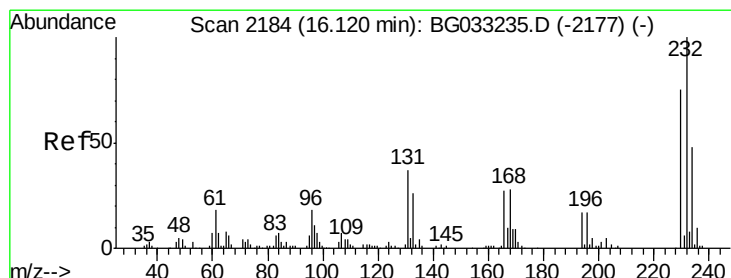
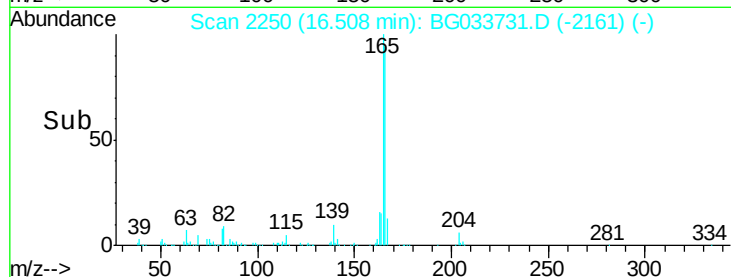
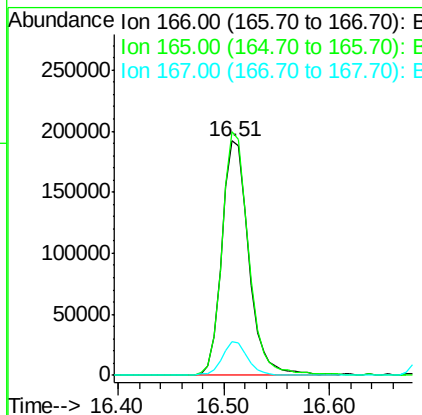
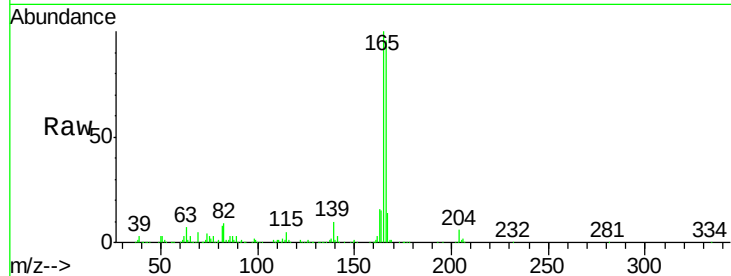
ClientSampleId :

HD-01-040918MS

Tot Ion:	166	Resp:	340127
Ion Ratio	Lower	Upper	
166	100		
165	103.8	80.6	121.0
167	14.2	10.4	15.6

Manual Integrations
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Sohil
4/11/2018 5:18:37 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.358 ng

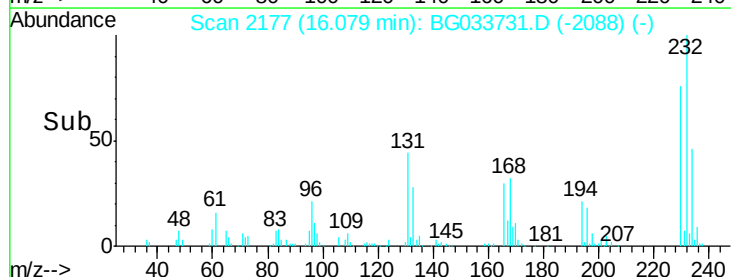
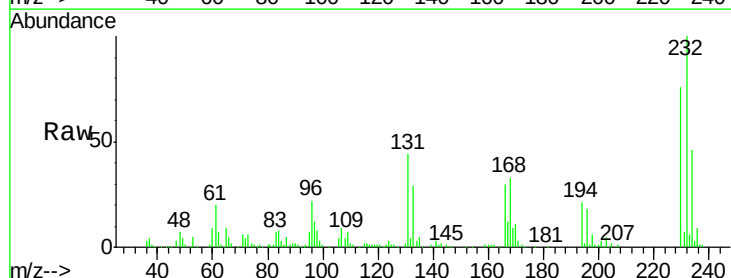
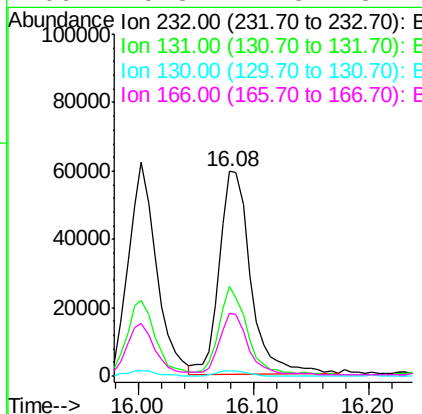
RT: 16.08 min Scan# 2177

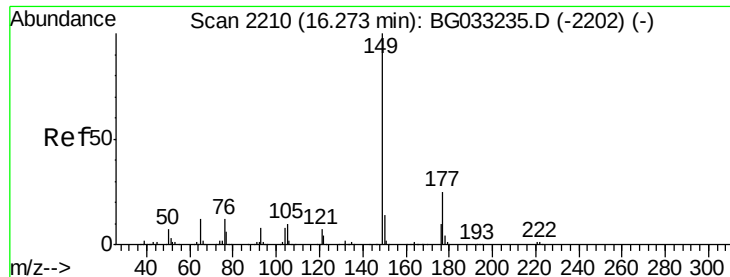
Delta R.T. -0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	232	Resp:	112060
Ion Ratio	Lower	Upper	
232	100		
131	42.2	33.5	50.3
130	2.4	2.2	3.2
166	29.3	24.8	37.2





#59

Diethylphthalate

Concen: 45.642 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

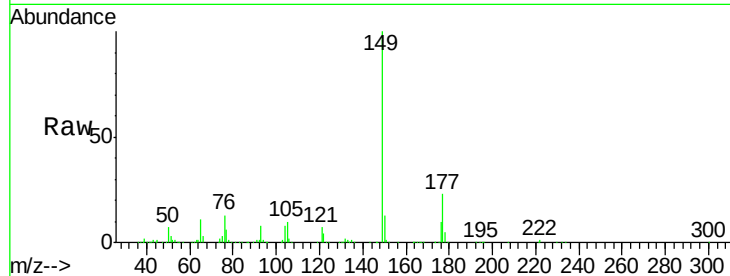
ClientSampleId :

HD-01-040918MS

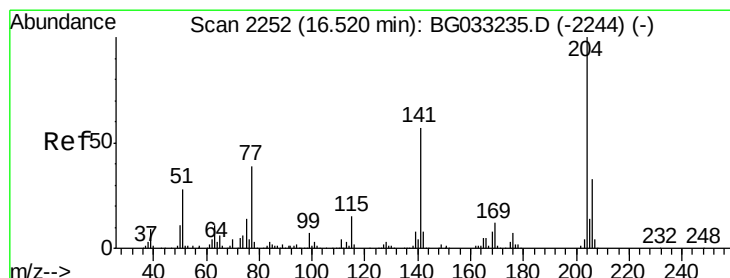
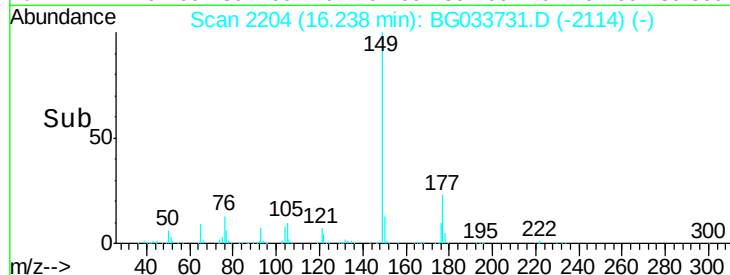
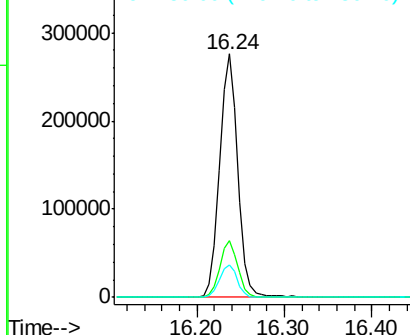
Tot Ion:	149	Resp:	398123
Ion Ratio	Lower	Upper	
149	100		
177	23.4	18.5	27.7
150	13.1	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 43.438 ng

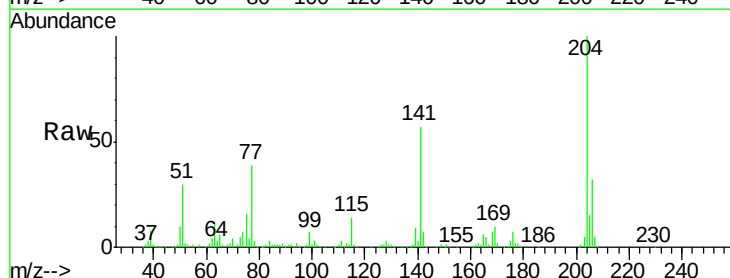
RT: 16.48 min Scan# 2246

Delta R.T. 0.00 min

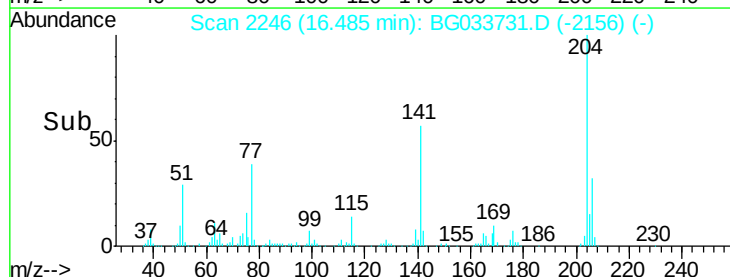
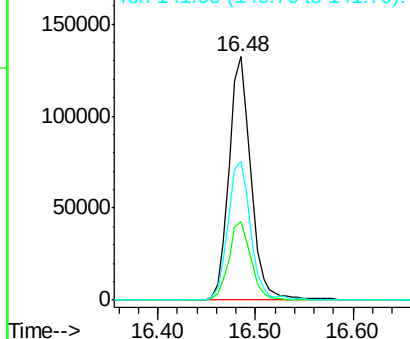
Lab File: BG033731.D

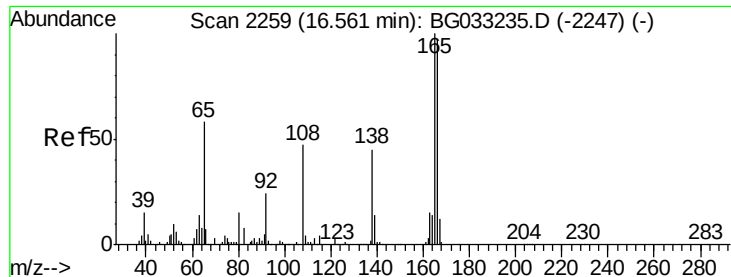
Acq: 11 Apr 2018 3:46

Tgt Ion:	204	Resp:	206743
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	57.2	45.8	68.6



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





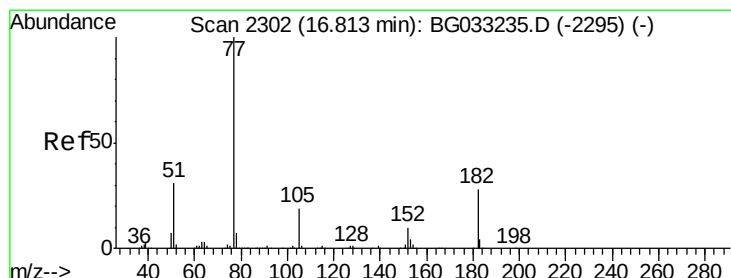
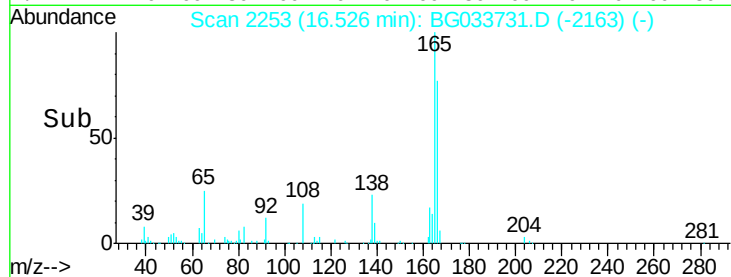
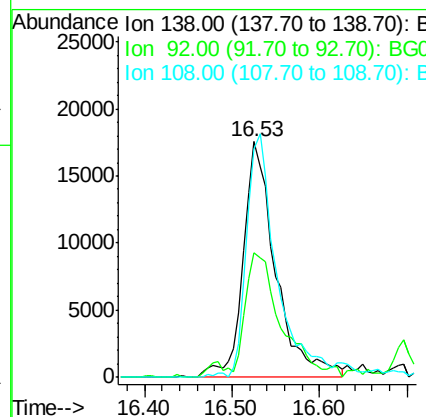
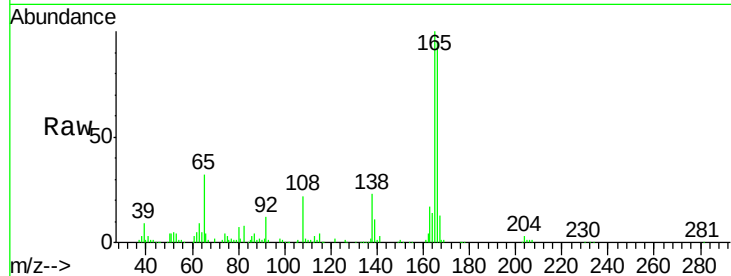
#61
4-Nitroaniline
Concen: 22.643 ng
RT: 16.53 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.0	40.1	80.1	
108	96.9	65.4	105.4	

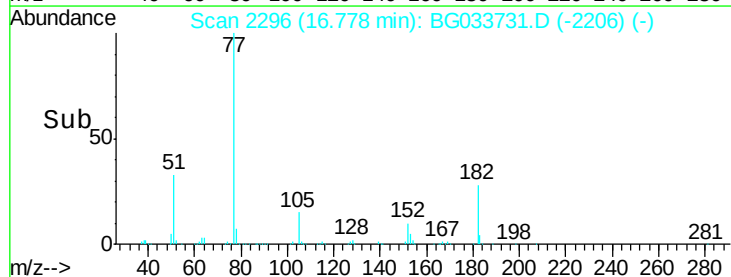
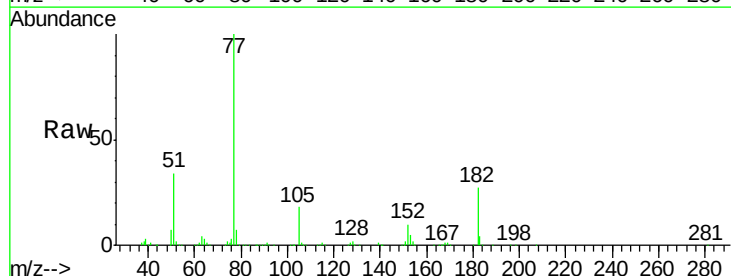
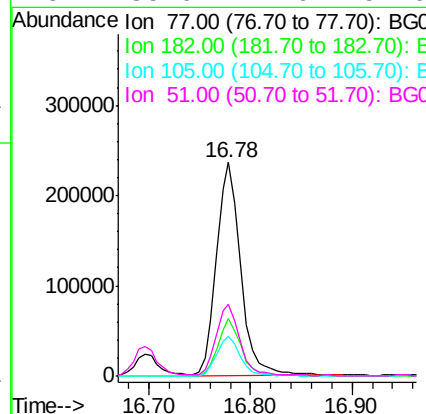
Manual Integrations
APPROVED

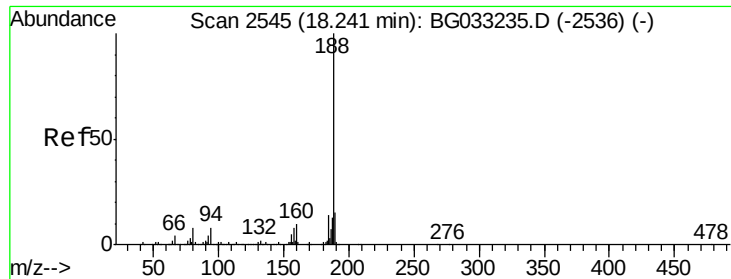
Sohil
4/11/2018 5:18:37 PM



#62
Azobenzene
Concen: 46.029 ng
RT: 16.78 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.8	7.4	47.4	
105	18.5	0.3	40.3	
51	33.6	11.6	51.6	





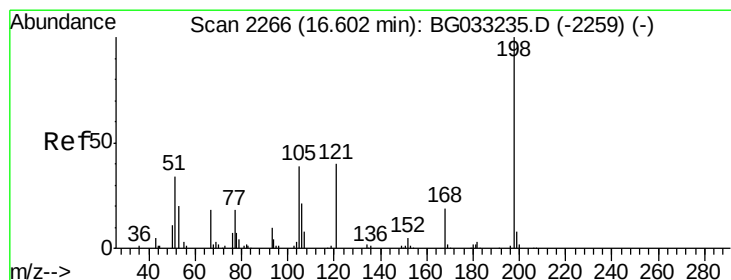
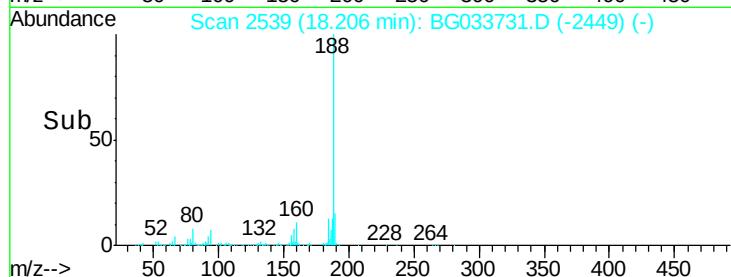
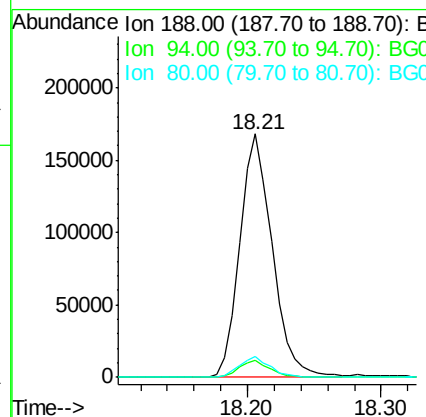
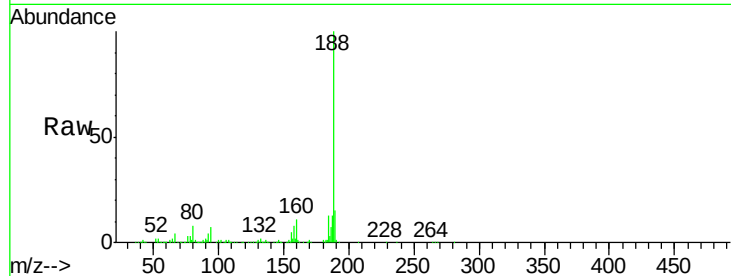
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	6.9	10.3
80	8.3	7.7	11.5

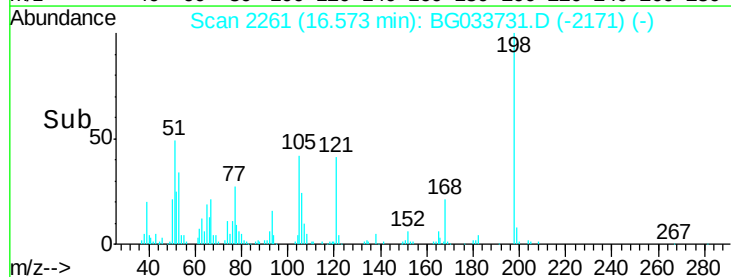
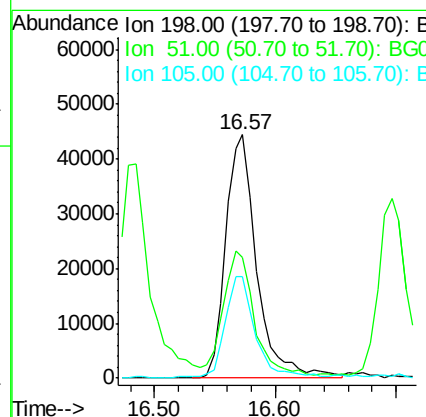
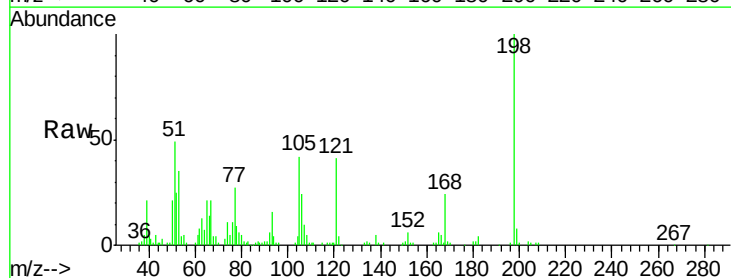
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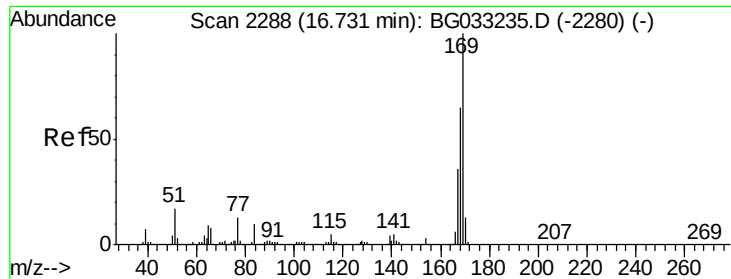
Sohil
4/11/2018 5:18:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.547 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.4	30.6	70.6
105	41.9	23.8	63.8





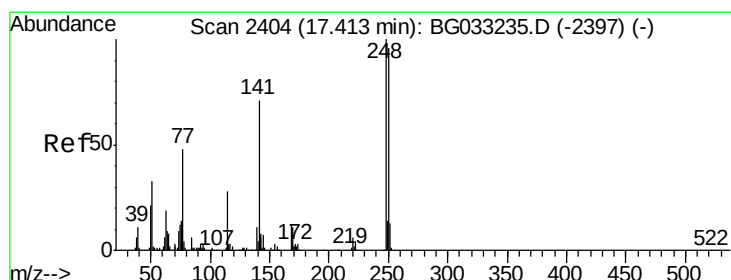
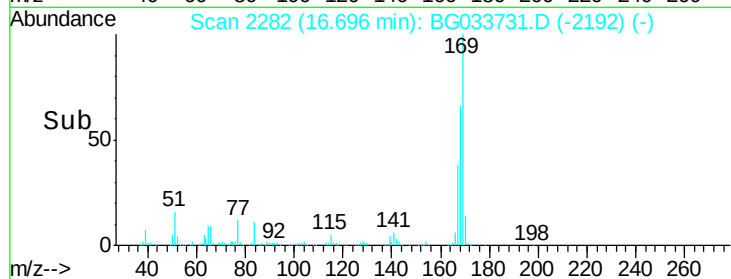
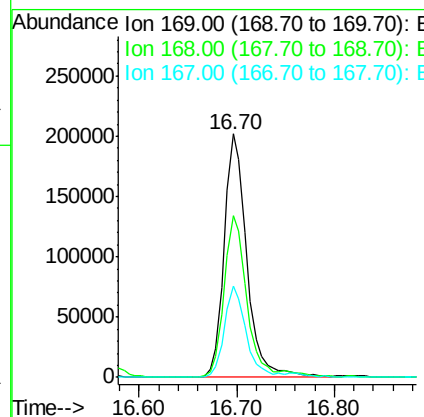
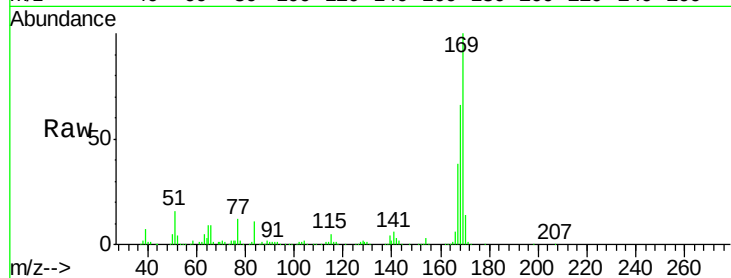
#65
n-Nitrosodiphenylamine
Concen: 40.383 ng
RT: 16.70 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		326469		
168	66.3	55.7		83.5	
167	37.5	30.1		45.1	

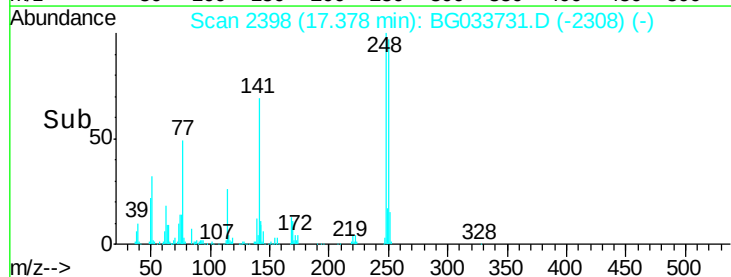
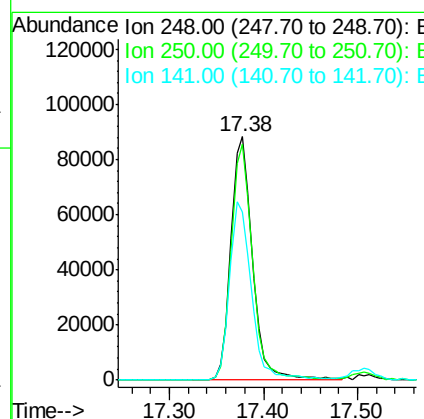
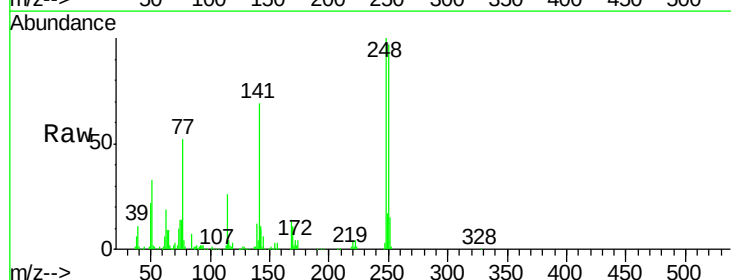
Manual Integrations
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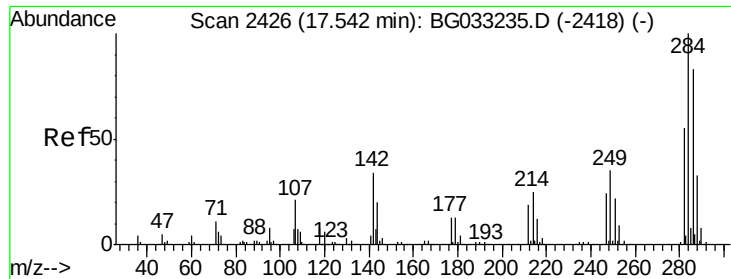
Sohil
4/11/2018 5:18:37 PM



#66
4-Bromophenyl-phenylether
Concen: 42.505 ng
RT: 17.38 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		141358		
250	96.9	77.1		115.7	
141	69.2	50.8		76.2	





#67

Hexachlorobenzene

Concen: 41.247 ng

RT: 17.51 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

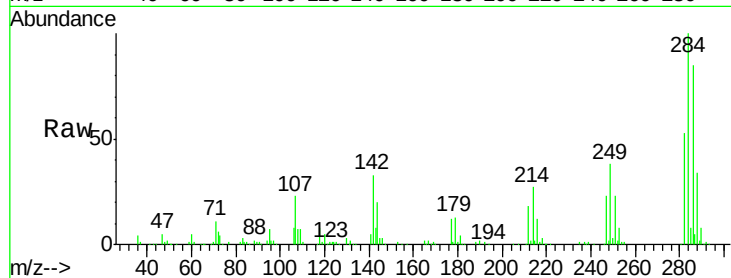
ClientSampleId :

HD-01-040918MS

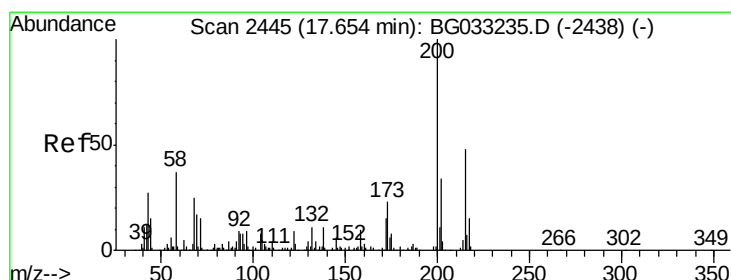
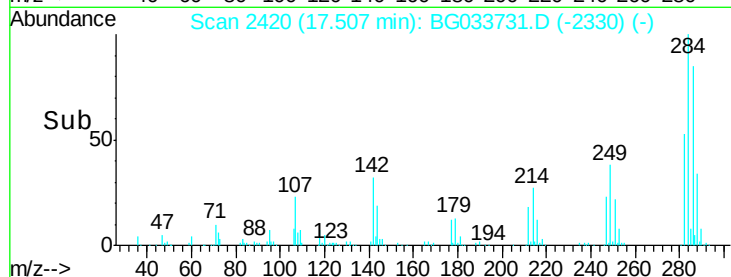
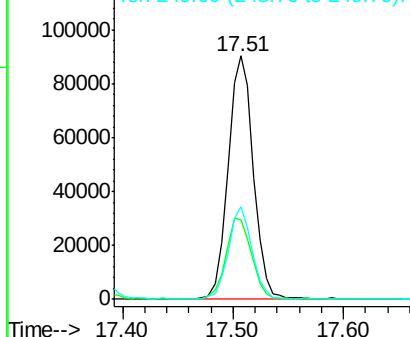
Tot Ion:	284	Resp:	144767
Ion Ratio	Lower	Upper	
284	100		
142	33.0	26.8	40.2
249	38.1	26.3	39.5

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



#68

Atrazine

Concen: 29.175 ng

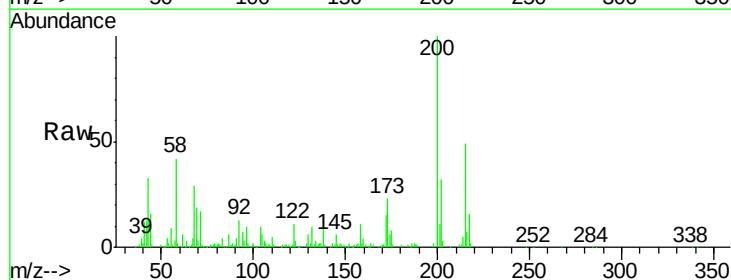
RT: 17.61 min Scan# 2438

Delta R.T. 0.00 min

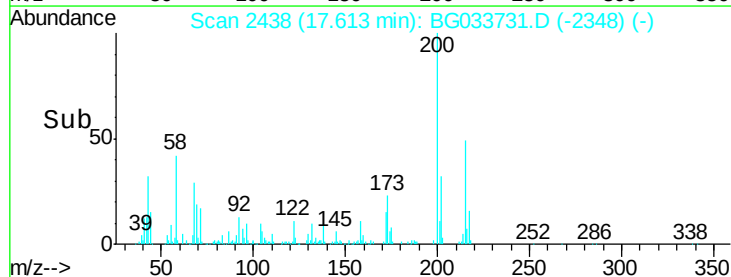
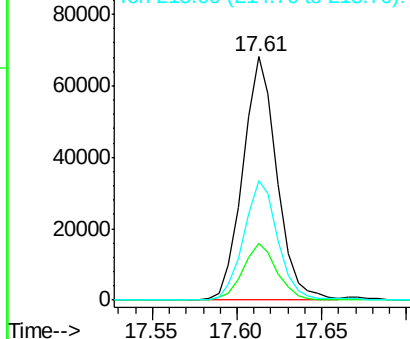
Lab File: BG033731.D

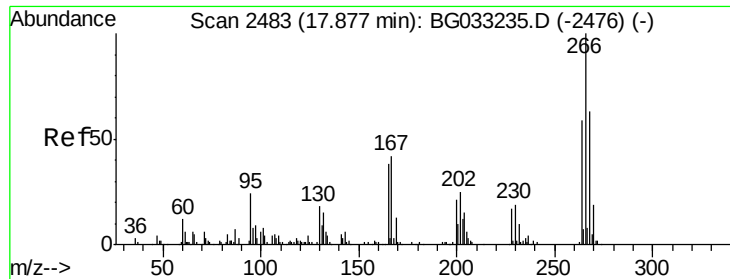
Acq: 11 Apr 2018 3:46

Tgt Ion:	200	Resp:	95574
Ion Ratio	Lower	Upper	
200	100		
173	23.4	5.2	45.2
215	49.0	30.4	70.4



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





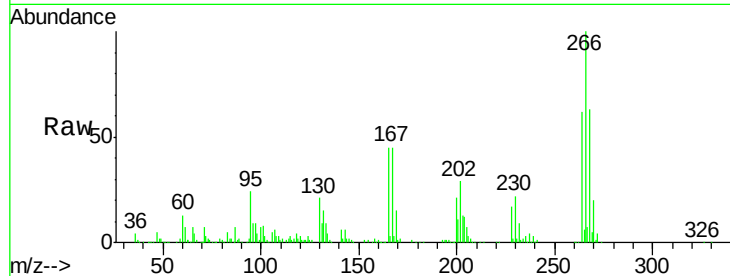
#69
 Pentachlorophenol
 Concen: 78.578 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	189289		
268	62.5		51.1	76.7
264	62.4		49.6	74.4

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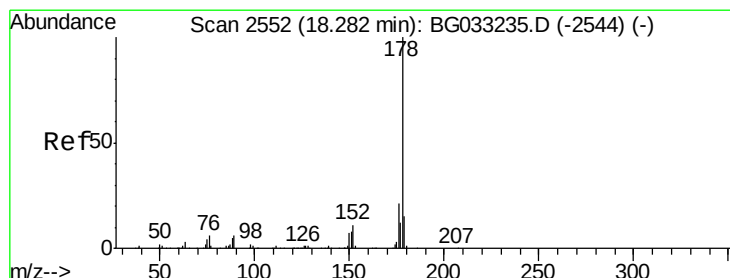
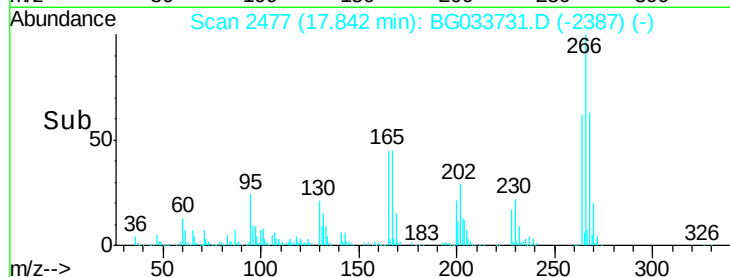
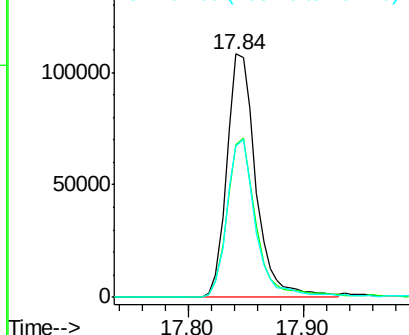


Abundance

Ion 265.70 (265.40 to 266.40): E

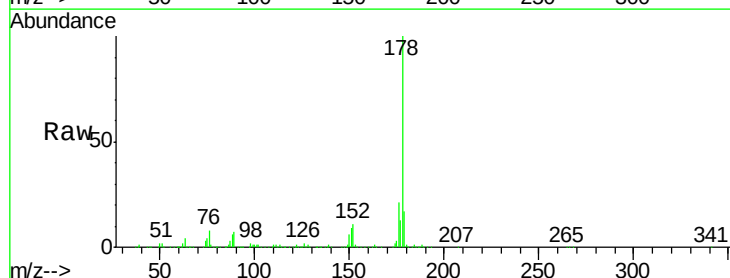
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.854 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	602507		
176	20.8		15.7	23.5
179	16.9		12.5	18.7

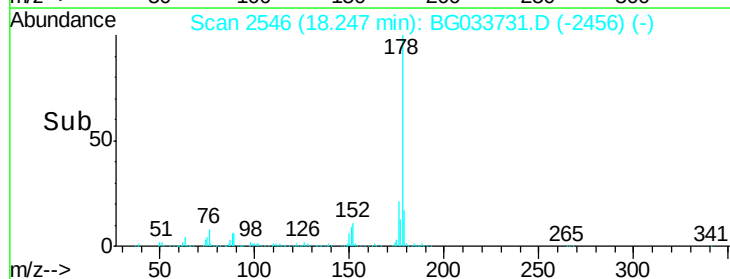
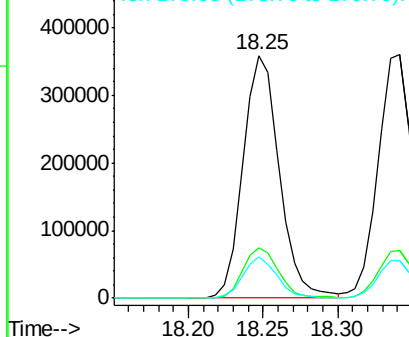


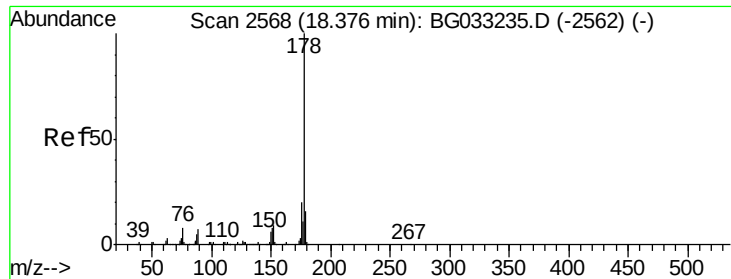
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





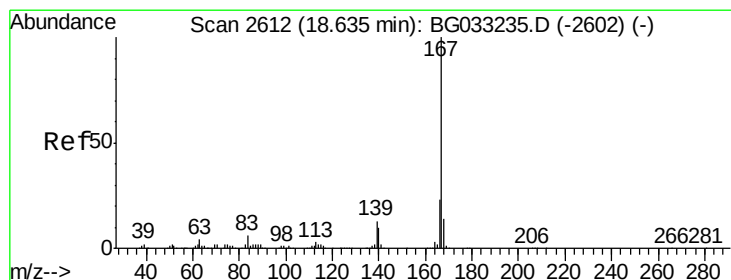
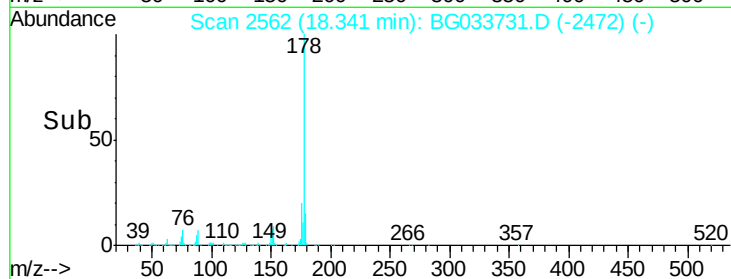
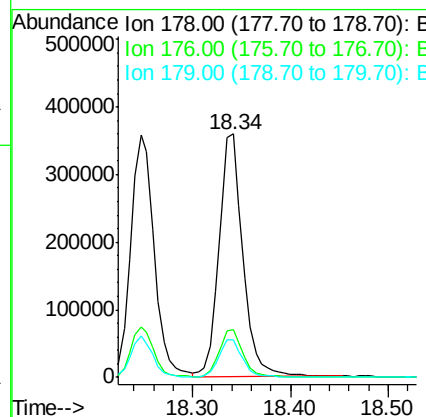
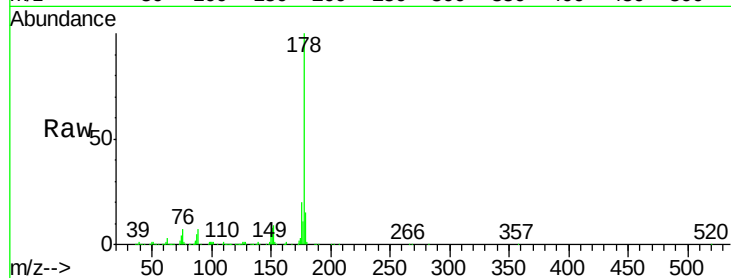
#71
 Anthracene
 Concen: 40.880 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.4	12.5	18.7

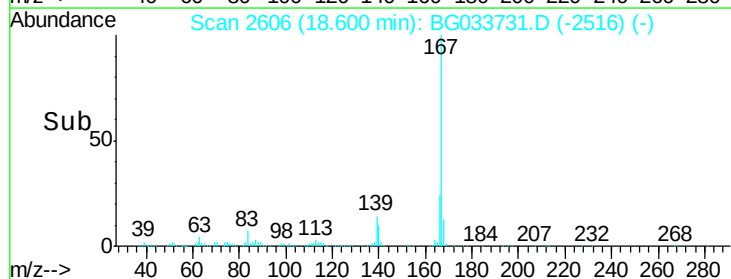
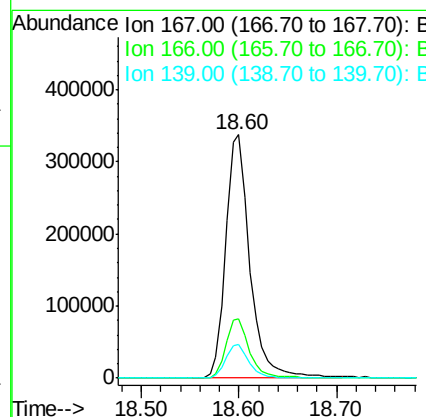
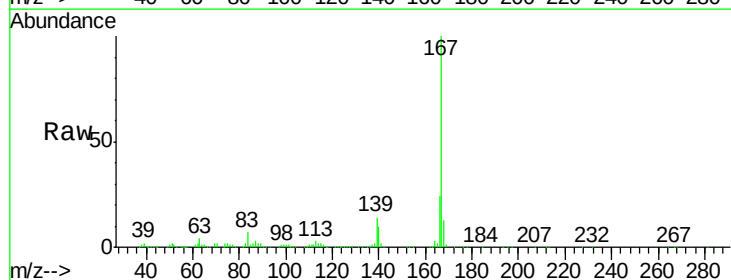
Manual Integrations
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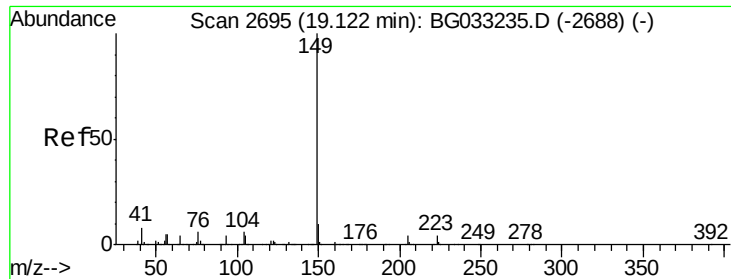
Sohil
 4/11/2018 5:18:37 PM



#72
 Carbazole
 Concen: 43.781 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	14.0	9.4	14.2





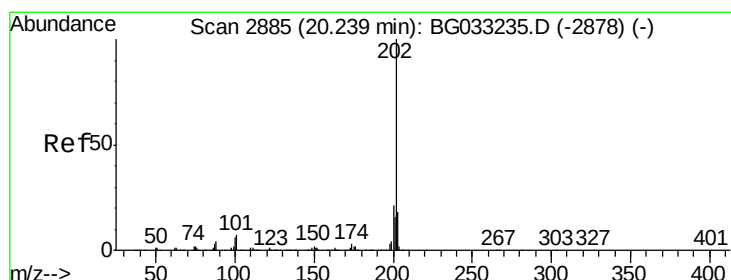
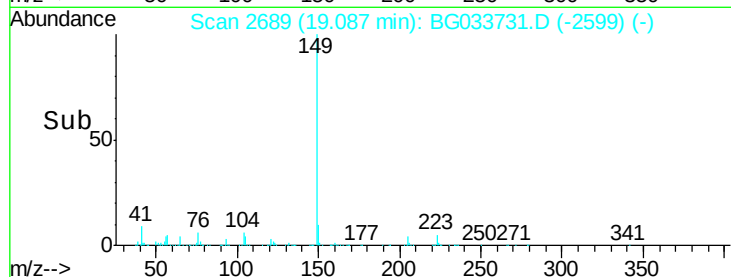
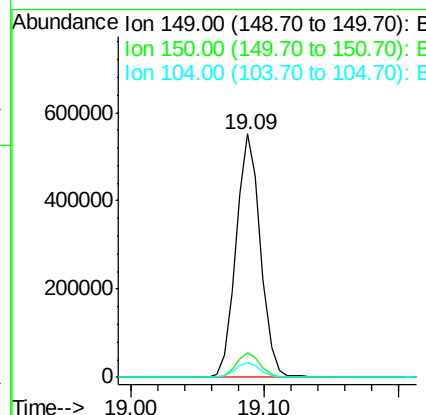
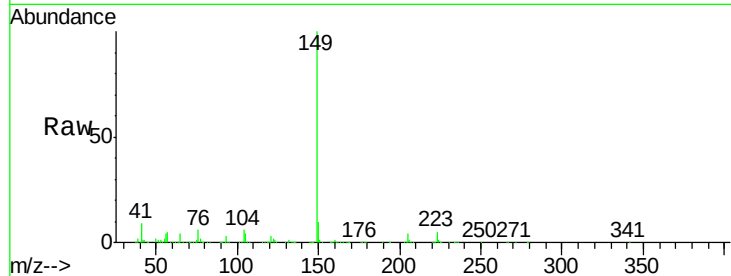
#73
Di-n-butylphthalate
Concen: 45.783 ng
RT: 19.09 min Scan# 2689
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.9	7.8	11.6
104	6.0	3.9	5.9

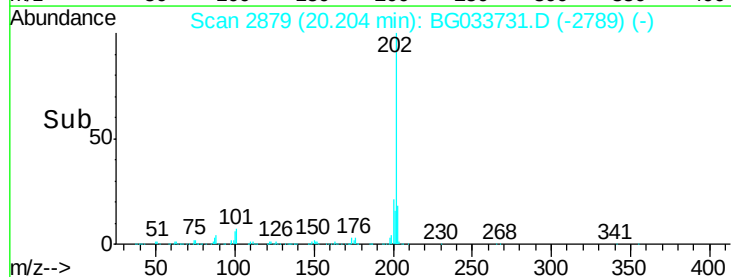
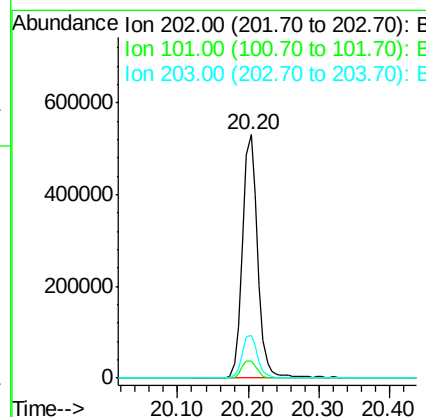
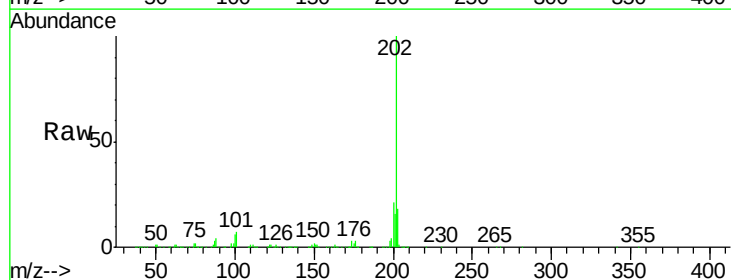
Manual Integrations
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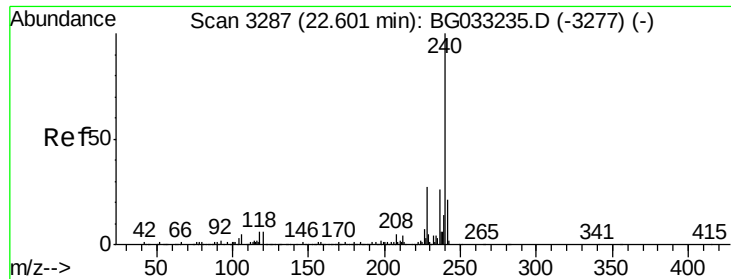
Sohil
4/11/2018 5:18:37 PM



#74
Fluoranthene
Concen: 43.524 ng
RT: 20.20 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	0.0	28.9
203	17.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

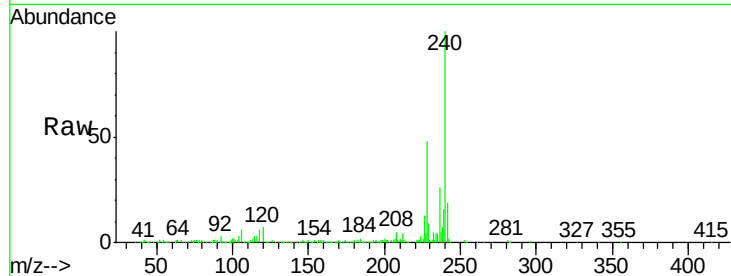
ClientSampleId :

HD-01-040918MS

Tot Ion:	240	Resp:	299899
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.8	10.2
236	25.8	20.9	31.3

Manual Integrations
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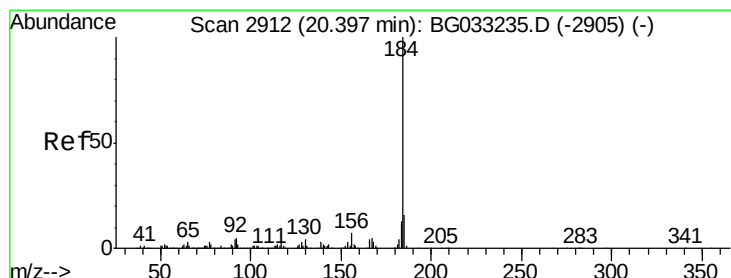
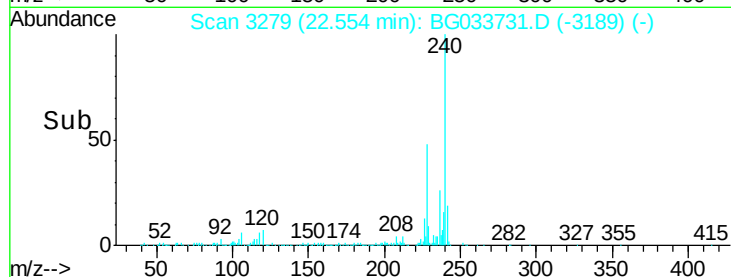
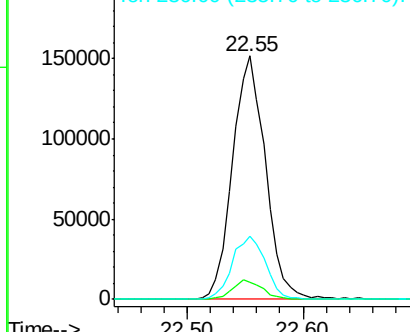
Sohil
4/11/2018 5:18:37 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.504 ng m

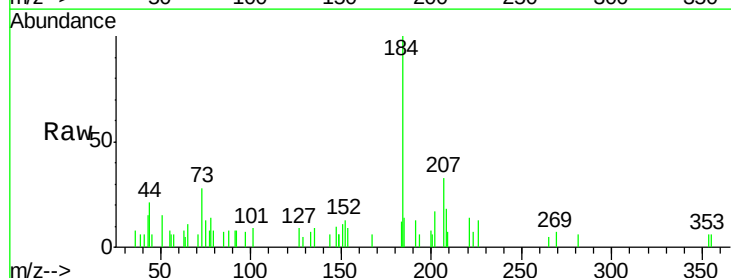
RT: 20.42 min Scan# 2916

Delta R.T. 0.06 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

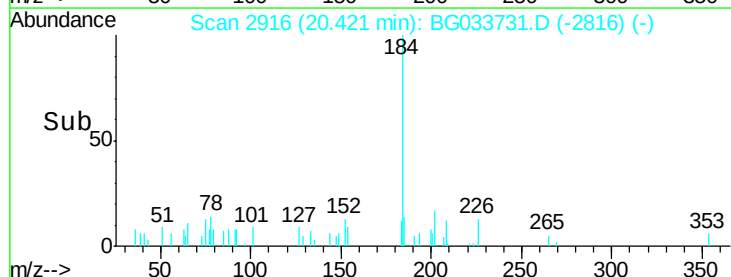
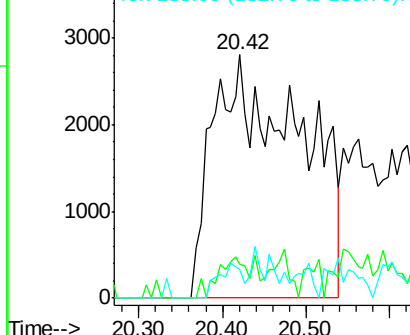
Tgt Ion:	184	Resp:	20362
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	12.0	10.6	16.0

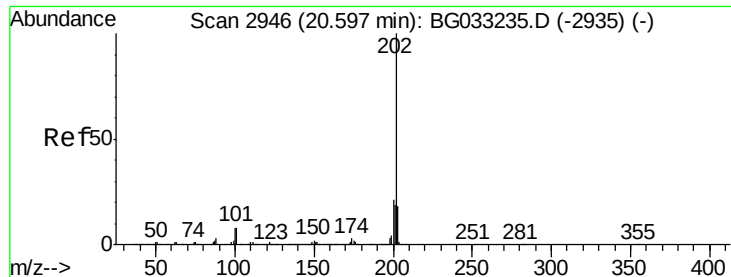


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





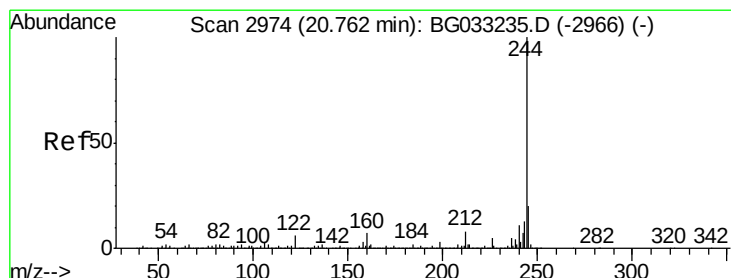
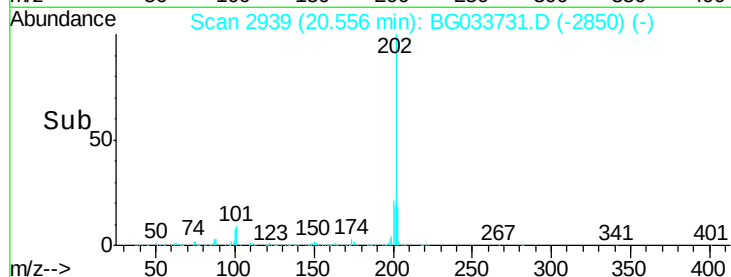
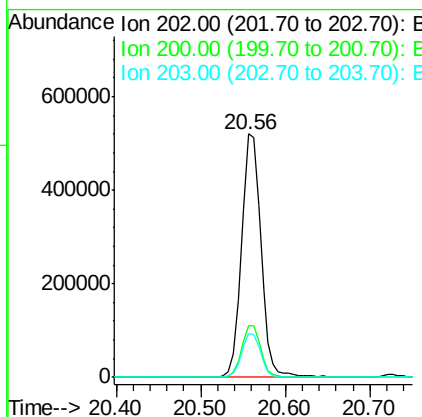
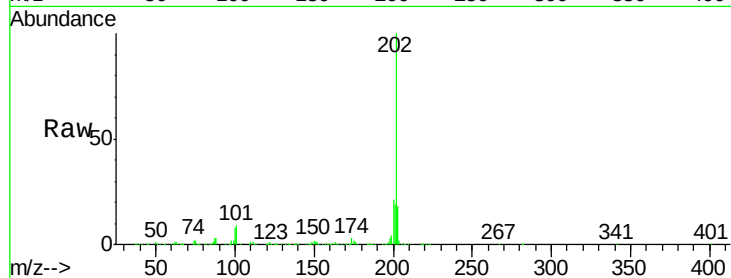
#77
Pvrene
Concen: 40.991 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.0	13.9	20.9

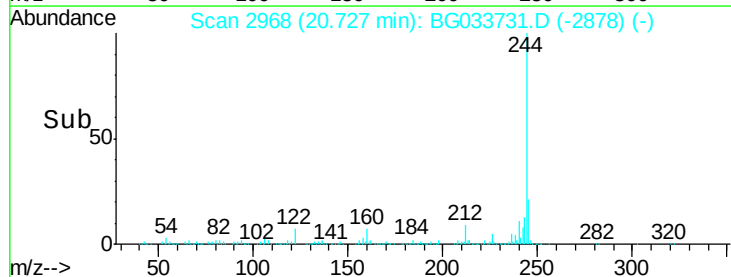
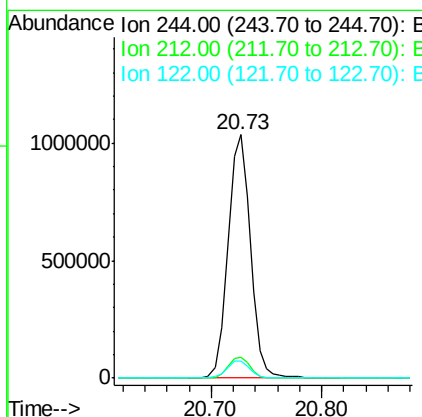
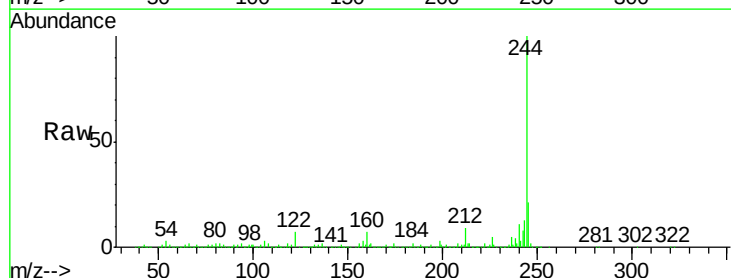
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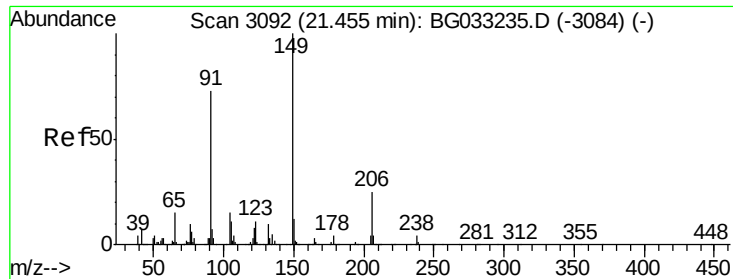
Sohil
4/11/2018 5:18:37 PM



#78
Terphenyl-d14
Concen: 105.346 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.241 ng

RT: 21.41 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

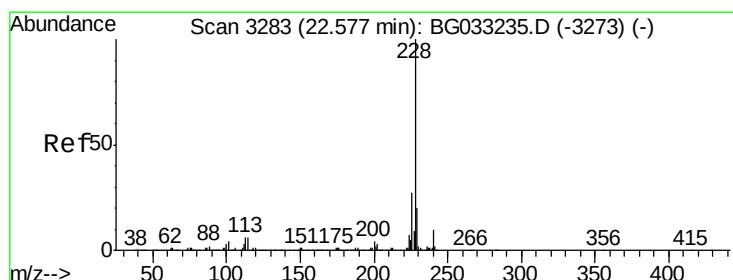
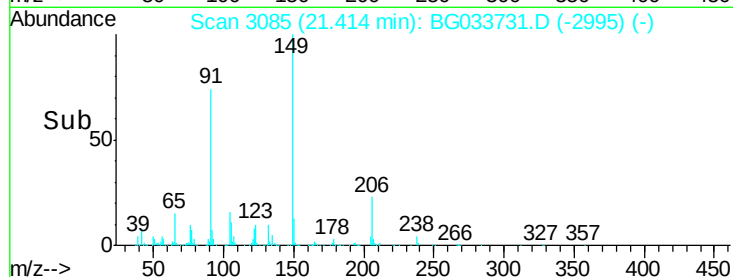
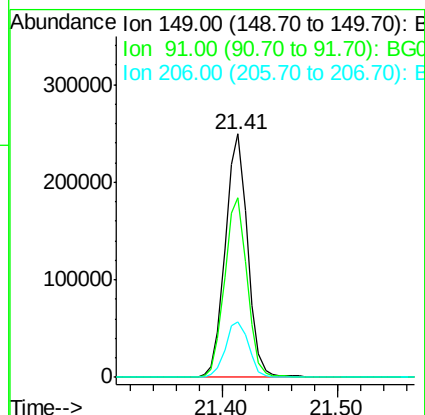
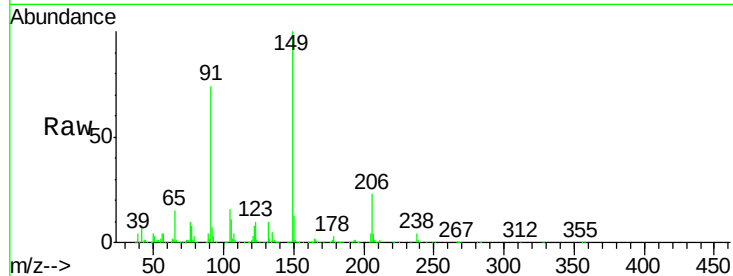
ClientSampleId :

HD-01-040918MS

Tot Ion:	149	Resp:	333925
Ion Ratio	Lower	Upper	
149	100		
91	73.8	62.2	93.2
206	23.0	18.6	27.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 40.281 ng

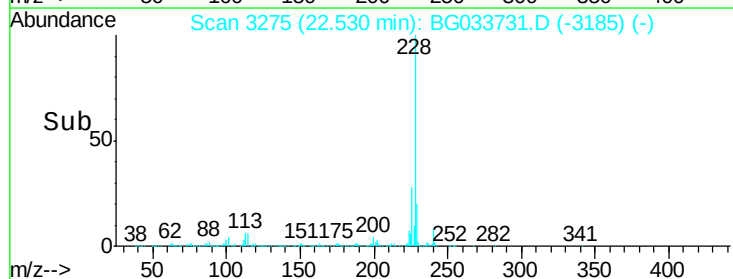
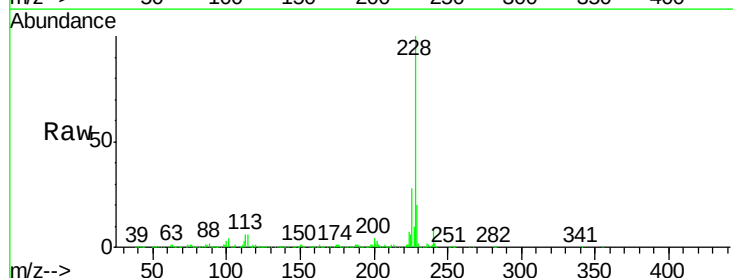
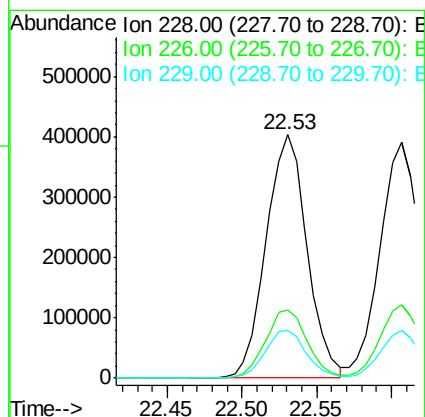
RT: 22.53 min Scan# 3275

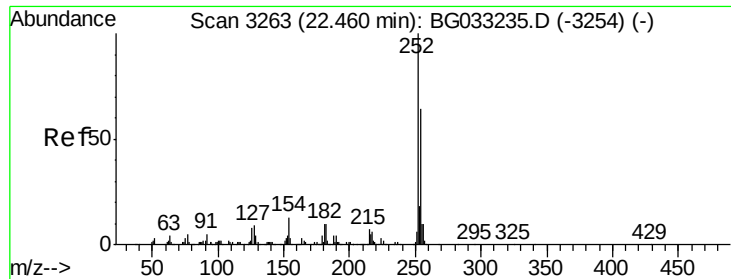
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	228	Resp:	769214
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.7	34.1
229	19.6	16.2	24.2





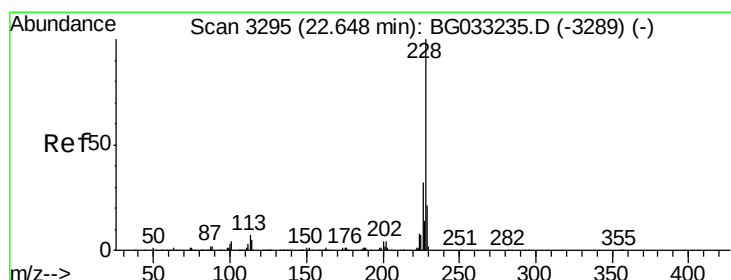
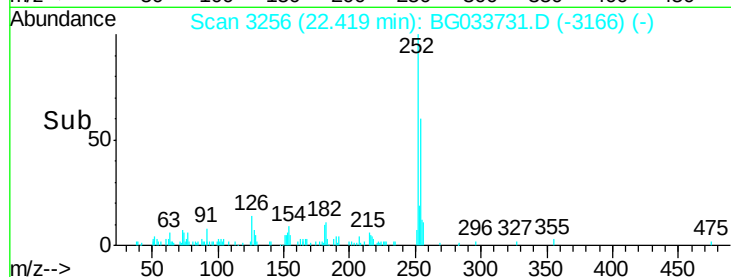
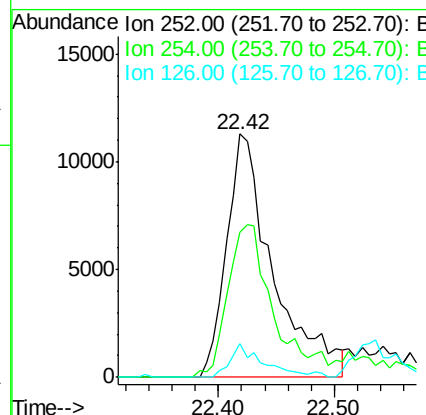
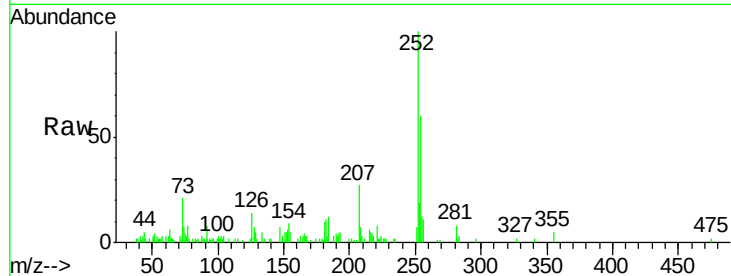
#81
 3,3'-Dichlorobenzidine
 Concen: 4.636 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	59.6	50.8	76.2
126	13.7	7.4	11.2

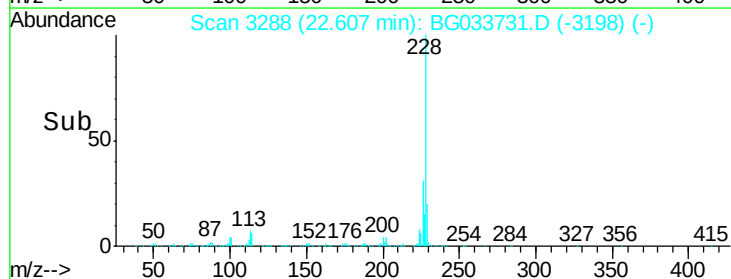
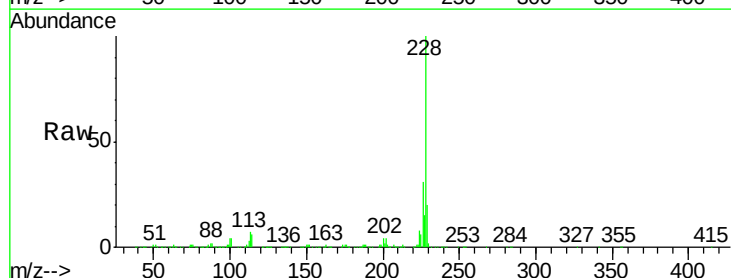
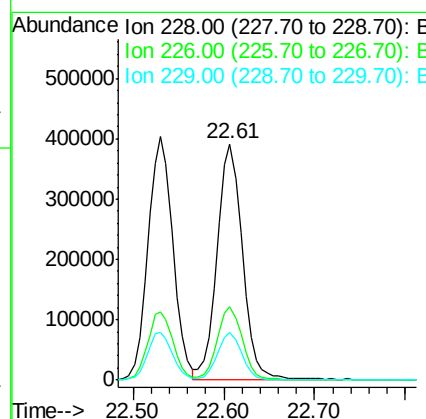
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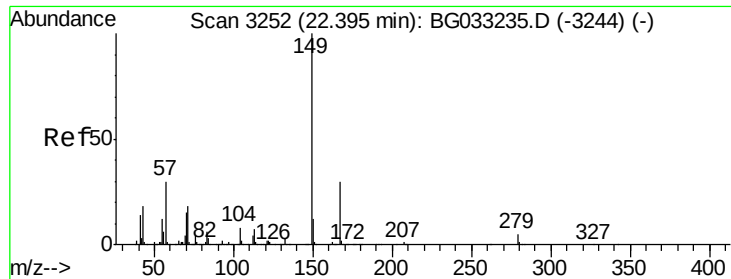
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#82
 Chrysene
 Concen: 41.029 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.4	15.0	22.4





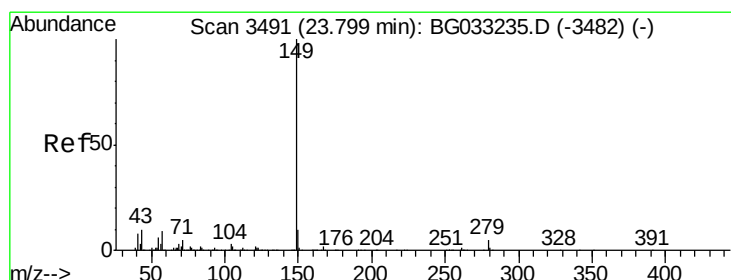
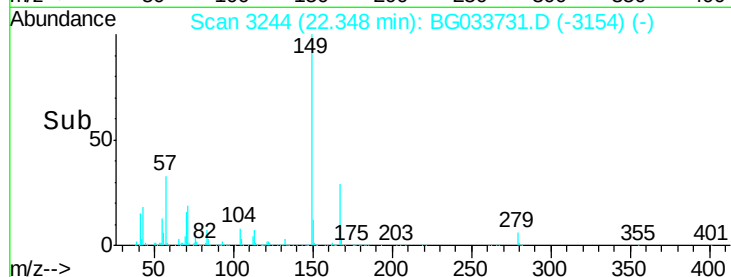
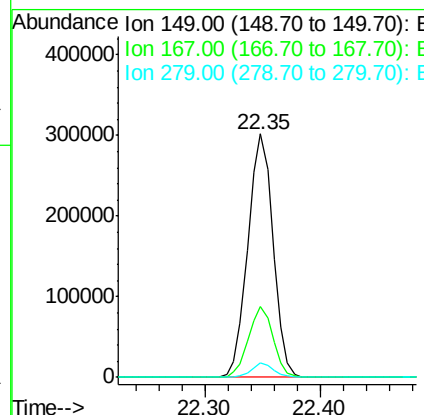
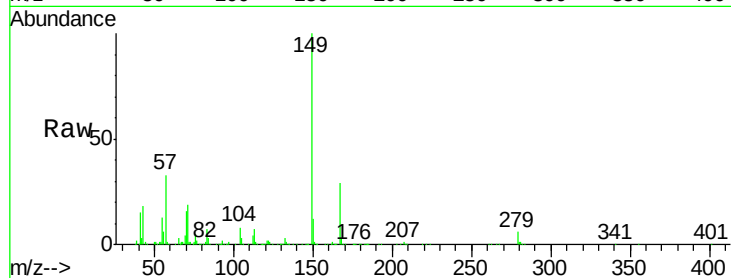
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.086 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.7	4.0	6.0

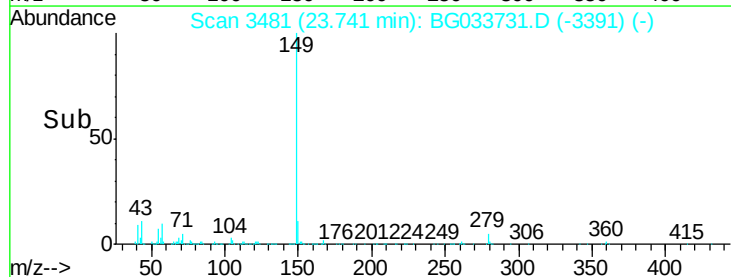
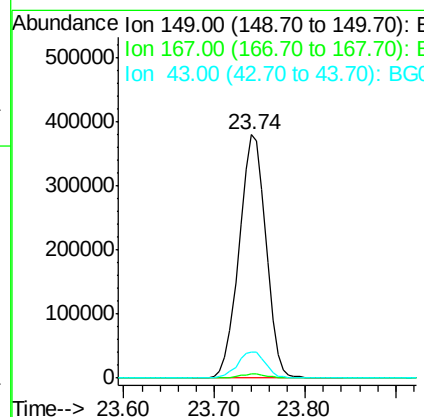
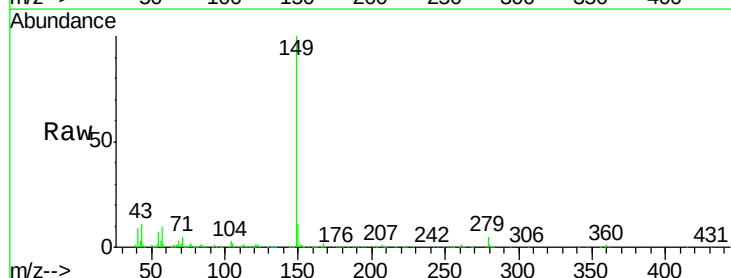
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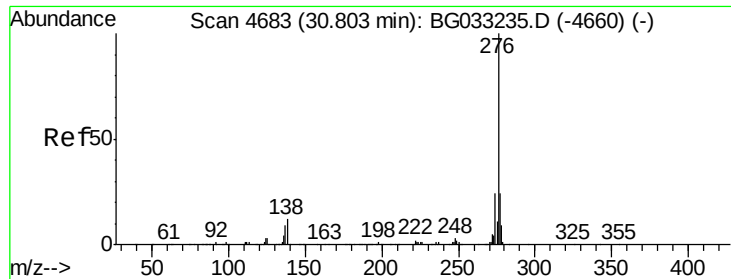
Sohil
 4/11/2018 5:18:37 PM



#84
 Di-n-octyl phthalate
 Concen: 50.089 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. 0.00 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.1	8.9	13.3





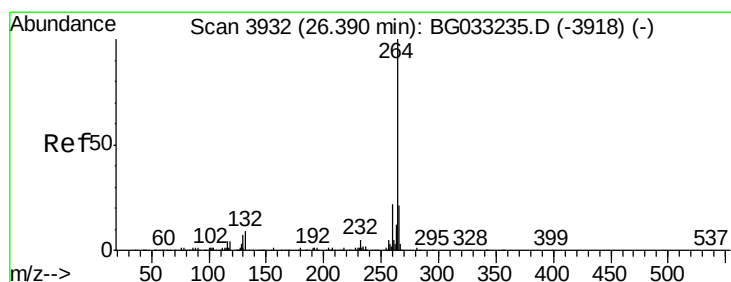
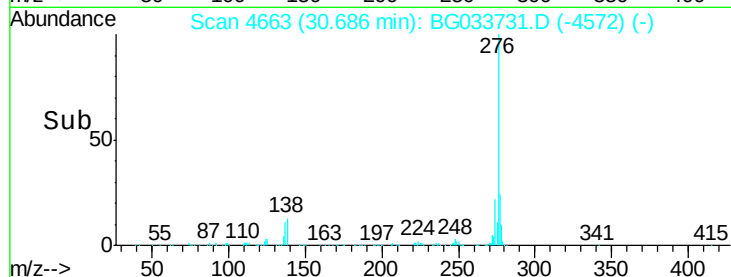
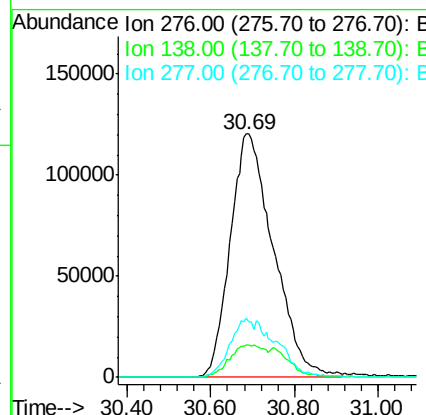
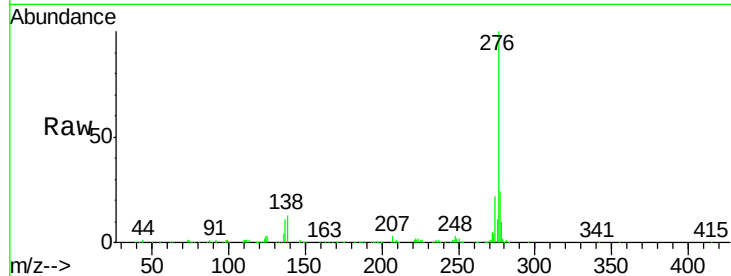
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.478 ng
RT: 30.69 min Scan# 4663
Delta R.T. 0.01 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.0	16.0	24.0#
277	12.9	20.0	30.0#

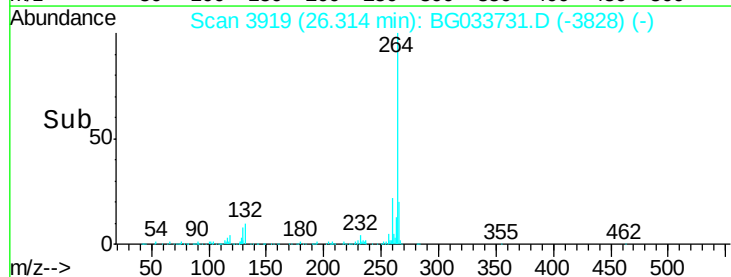
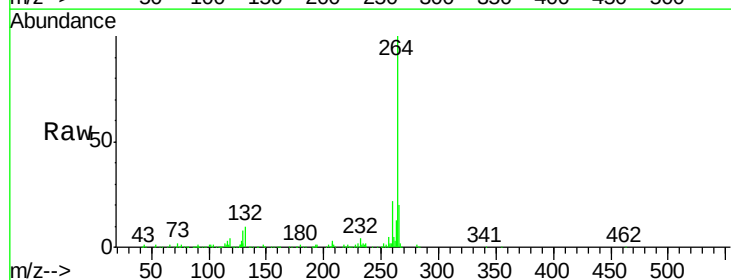
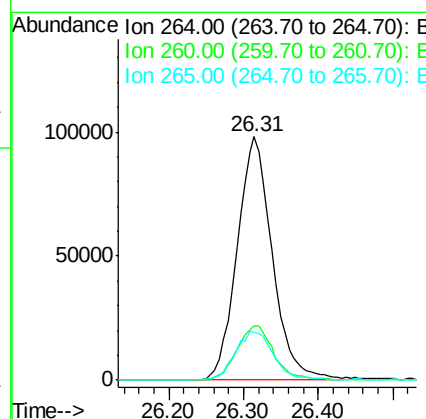
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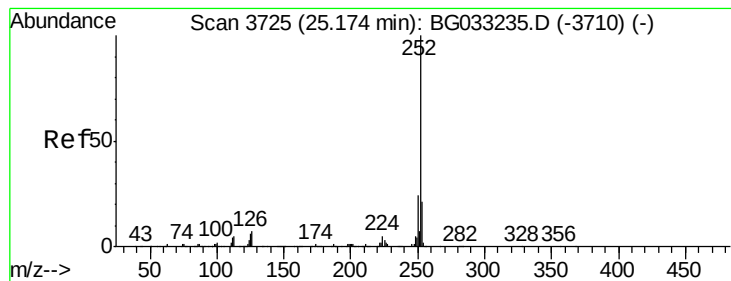
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BG033731.D
Acq: 11 Apr 2018 3:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	19.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.314 ng

RT: 25.10 min Scan# 3713

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

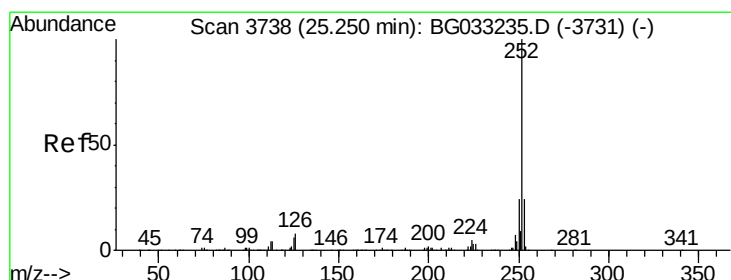
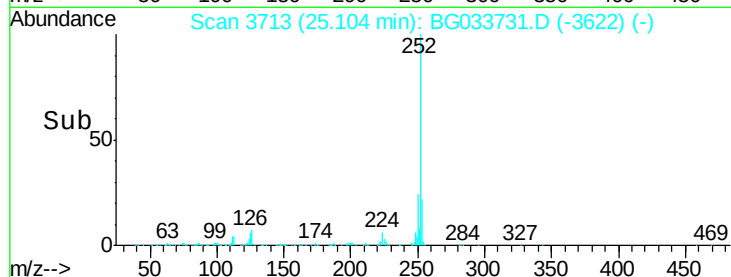
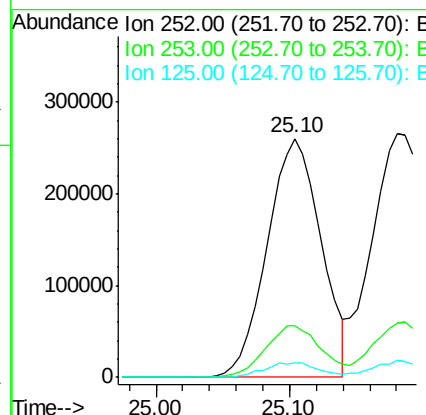
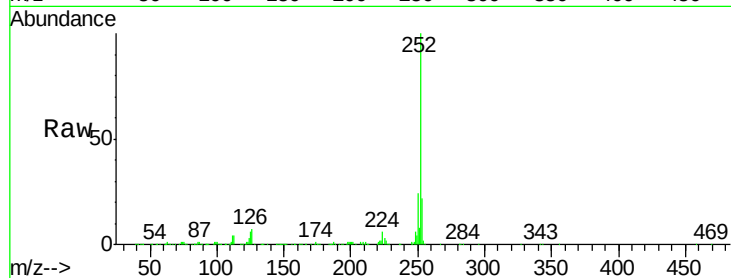
ClientSampleId :

HD-01-040918MS

Tot Ion:	252	Resp:	727452
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	5.8	7.2	10.8

Manual Integrations
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4/11/2018 5:18:37 PM



#88

Benzo(k)fluoranthene

Concen: 41.015 ng

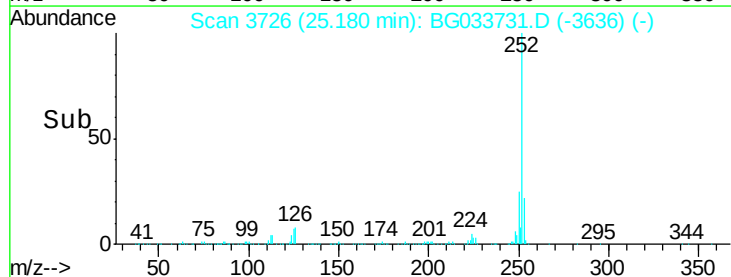
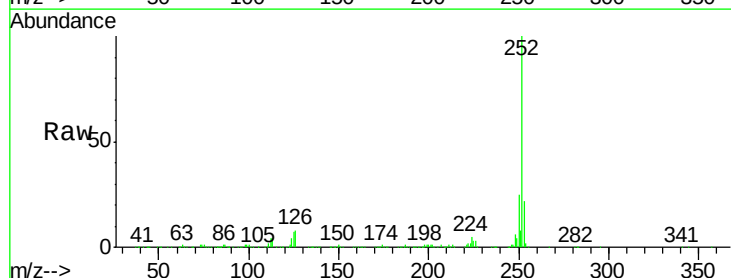
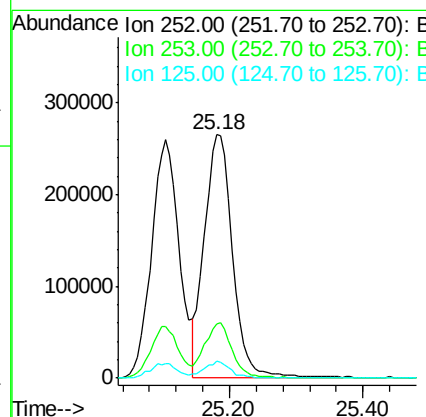
RT: 25.18 min Scan# 3726

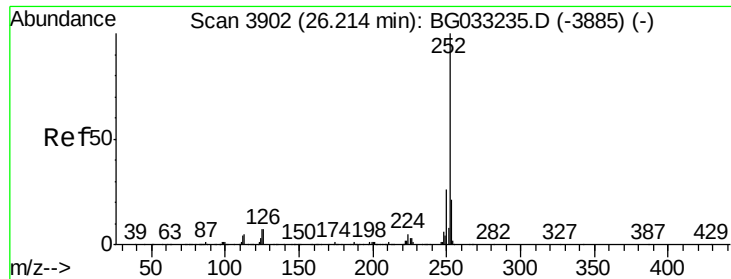
Delta R.T. 0.00 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	252	Resp:	767582
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	6.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 41.448 ng

RT: 26.14 min Scan# 3889

Delta R.T. 0.01 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Instrument :

BNA_G

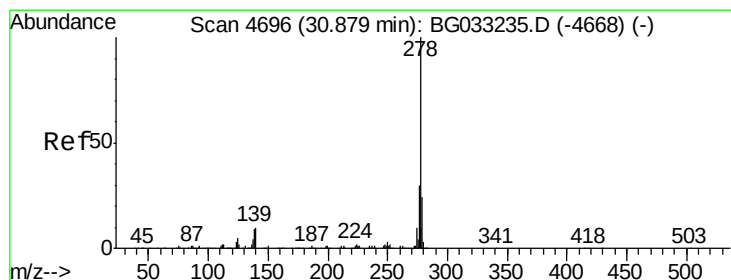
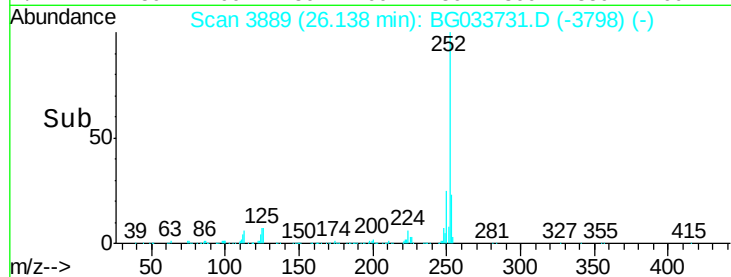
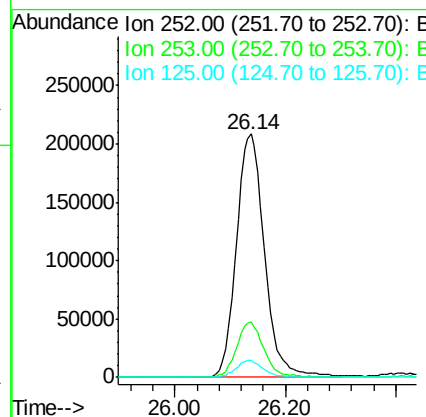
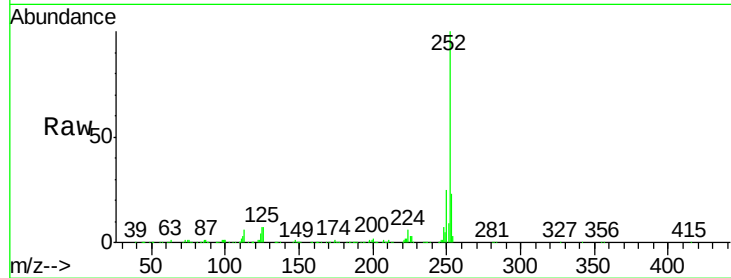
ClientSampleId :

HD-01-040918MS

Tot Ion:	252	Resp:	736525
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.3	27.5
125	6.8	7.3	10.9#

Manual Integrations
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4/11/2018 5:18:37 PM



#90

Dibenzo(a,h)anthracene

Concen: 44.445 ng

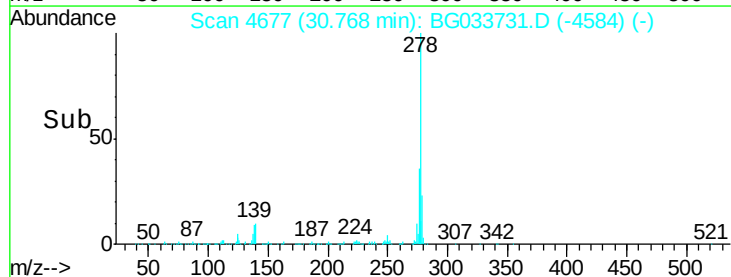
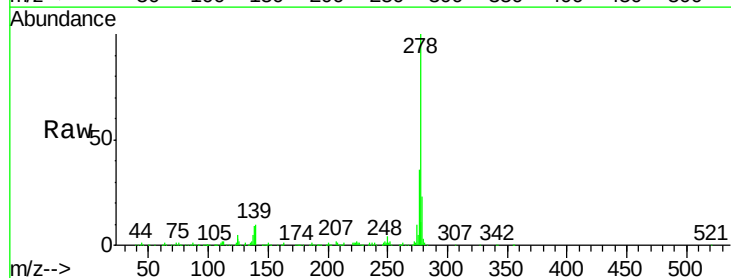
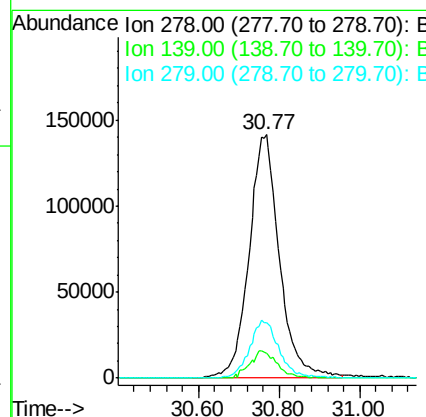
RT: 30.77 min Scan# 4677

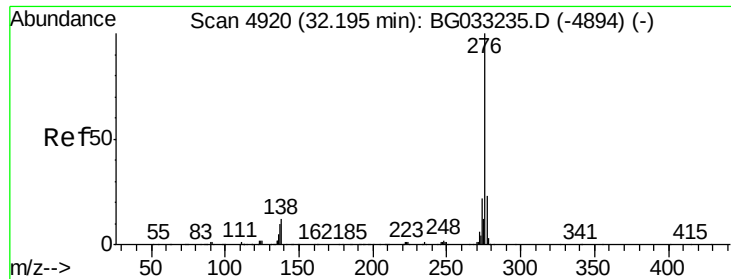
Delta R.T. 0.02 min

Lab File: BG033731.D

Acq: 11 Apr 2018 3:46

Tgt Ion:	278	Resp:	743939
Ion Ratio	Lower	Upper	
278	100		
139	10.2	9.8	14.6
279	23.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.595 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. 0.02 min
 Lab File: BG033731.D
 Acq: 11 Apr 2018 3:46

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-040918MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	14.3	13.9	20.9

Manual Integrations
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 4/11/2018 5:18:37 PM

