

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033296.D
 Acq On : 22 Mar 2018 16:04
 Operator : SJ/JU
 Sample : J1756-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Manual Integrations
 APPROVED

Sohil
 3/23/2018 3:45:12 PM

Quant Time: Mar 23 11:43:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36504	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	161852	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	128476	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	337220	20.00	ng	0.00
75) Chrysene-d12	22.59	240	325470	20.00	ng	0.00
86) Perylene-d12	26.40	264	343011	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	331350	170.21	ng	0.00
7) Phenol-d6	7.99	99	481805	144.04	ng	0.00
23) Nitrobenzene-d5	10.09	82	354343	100.59	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	295345	153.70	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	862172	96.88	ng	0.00
78) Terphenyl-d14	20.76	244	1571939	103.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	38862	39.309	ng	# 83
3) Pyridine	4.42	79	90061	32.954	ng	97
4) n-Nitrosodimethylamine	4.32	42	58181	51.876	ng	# 87
6) Aniline	8.19	93	31640	8.044	ng	# 92
8) 2-Chlorophenol	8.44	128	124959	56.147	ng	98
9) Benzaldehyde	8.00	77	44674m	21.016	ng	
10) Phenol	8.02	94	165779	50.198	ng	86
11) bis(2-Chloroethyl)ether	8.28	93	112173	41.613	ng	96
12) 1,3-Dichlorobenzene	8.78	146	121106m	41.622	ng	
13) 1,4-Dichlorobenzene	8.93	146	121910	41.836	ng	96
14) 1,2-Dichlorobenzene	9.26	146	129113	45.397	ng	98
15) Benzyl Alcohol	9.13	79	146299	55.552	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.42	45	206712	47.040	ng	86
17) 2-Methylphenol	9.32	107	112664	50.079	ng	# 92
18) Hexachloroethane	10.01	117	49816	44.294	ng	95
19) n-Nitroso-di-n-propylamine	9.70	70	121076	49.398	ng	97
20) 3+4-Methylphenols	9.66	107	160940	50.243	ng	90
22) Acetophenone	9.73	105	207521	46.800	ng	# 95
24) Nitrobenzene	10.14	77	181427	48.115	ng	94
25) Isophorone	10.66	82	354854	51.900	ng	99
26) 2-Nitrophenol	10.86	139	73250	51.311	ng	# 94
27) 2,4-Dimethylphenol	10.90	122	124785	60.171	ng	89
28) bis(2-Chloroethoxy)methane	11.14	93	184434	54.064	ng	95
29) 2,4-Dichlorophenol	11.41	162	141784	55.593	ng	98
30) 1,2,4-Trichlorobenzene	11.63	180	151277	45.654	ng	96
31) Naphthalene	11.83	128	418873	49.942	ng	98
32) Benzoic acid	10.97	122	22008m	11.416	ng	
33) 4-Chloroaniline	11.94	127	21113	5.619	ng	# 89
34) Hexachlorobutadiene	12.08	225	107488	42.896	ng	98
35) Caprolactam	12.67	113	39855	39.889	ng	97
36) 4-Chloro-3-methylphenol	12.99	107	186696	56.126	ng	97
37) 2-Methylnaphthalene	13.38	142	312031	47.932	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	212174	45.592	ng	99
40) Hexachlorocyclopentadiene	13.71	237	231941	85.018	ng	93

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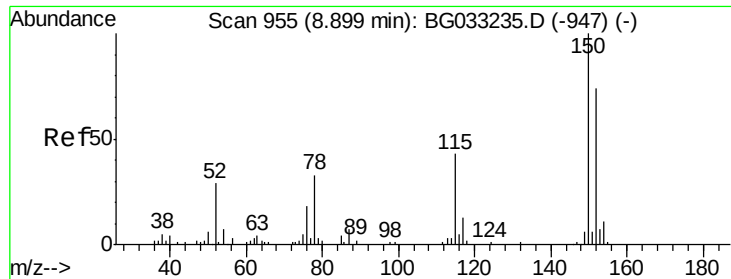
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	138479	51.216	ng	98
43) 2,4,5-Trichlorophenol	14.03	196	162861	50.959	ng	98
45) 1,1'-Biphenyl	14.35	154	444698	45.053	ng	99
46) 2-Chloronaphthalene	14.41	162	346567	45.537	ng	95
47) 2-Nitroaniline	14.60	65	142941	50.144	ng	96
48) Acenaphthylene	15.24	152	571176	44.962	ng	99
49) Dimethylphthalate	14.93	163	534663	47.819	ng	100
50) 2,6-Dinitrotoluene	15.07	165	113131	49.485	ng	95
51) Acenaphthene	15.57	154	370794	45.278	ng	93
52) 3-Nitroaniline	15.41	138	27270	11.378	ng	# 90
53) 2,4-Dinitrophenol	15.60	184	34498	33.998	ng	86
54) Dibenzofuran	15.90	168	574282	47.475	ng	92
55) 4-Nitrophenol	15.69	139	143139	84.929	ng	# 85
56) 2,4-Dinitrotoluene	15.85	165	166444	49.446	ng	90
57) Fluorene	16.54	166	482888	46.858	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.11	232	162386	53.972	ng	# 94
59) Diethylphthalate	16.27	149	525569	48.409	ng	97
60) 4-Chlorophenyl-phenylether	16.52	204	282596	47.704	ng	97
61) 4-Nitroaniline	16.56	138	81091	33.409	ng	# 86
62) Azobenzene	16.81	77	514205	48.893	ng	99
64) 4,6-Dinitro-2-methylphenol	16.60	198	45854	22.730	ng	91
65) n-Nitrosodiphenylamine	16.73	169	453850	47.143	ng	96
66) 4-Bromophenyl-phenylether	17.41	248	188811	47.675	ng	90
67) Hexachlorobenzene	17.54	284	195638	46.808	ng	97
68) Atrazine	17.65	200	190358	48.796	ng	98
69) Pentachlorophenol	17.88	266	186472	65.003	ng	96
70) Phenanthrene	18.28	178	809717	46.105	ng	99
71) Anthracene	18.38	178	841606	47.328	ng	98
72) Carbazole	18.63	167	721665	45.798	ng	98
73) Di-n-butylphthalate	19.12	149	856069	46.674	ng	# 98
74) Fluoranthene	20.24	202	1015000	46.703	ng	98
76) Benzidine	20.40	184	58340	6.610	ng	97
77) Pyrene	20.59	202	1013824	46.705	ng	99
79) Butylbenzylphthalate	21.45	149	375696	46.901	ng	98
80) Benzo(a)anthracene	22.58	228	979860	47.280	ng	99
81) 3,3'-Dichlorobenzidine	22.46	252	63399	8.597	ng	98
82) Chrysene	22.65	228	931986	46.457	ng	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	517792	46.892	ng	98
84) Di-n-octyl phthalate	23.80	149	874947	51.750	ng	99
85) Indeno(1,2,3-cd)pyrene	30.81	276	1076624	49.637	ng	# 88
87) Benzo(b)fluoranthene	25.17	252	971037	48.999	ng	# 95
88) Benzo(k)fluoranthene	25.25	252	944463	47.122	ng	# 98
89) Benzo(a)pyrene	26.21	252	934992	49.129	ng	# 98
90) Dibenzo(a,h)anthracene	30.89	278	896491	50.009	ng	# 96
91) Benzo(g,h,i)perylene	32.20	276	887037	49.969	ng	# 93

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



#1

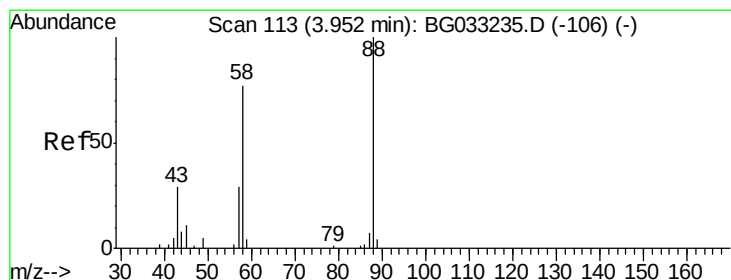
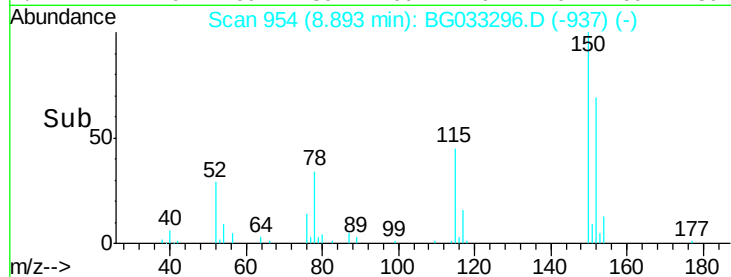
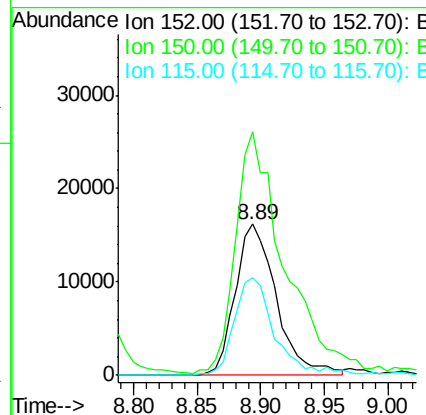
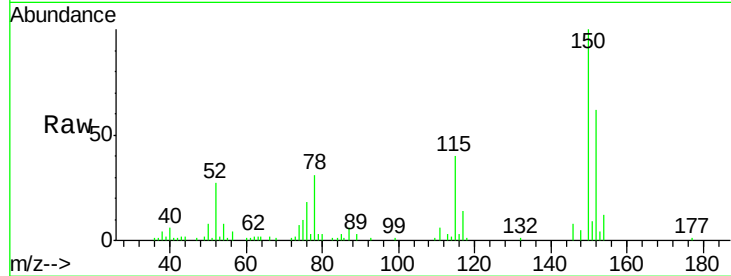
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.6	189.8
115	64.8	53.0	79.4

Manual Integrations
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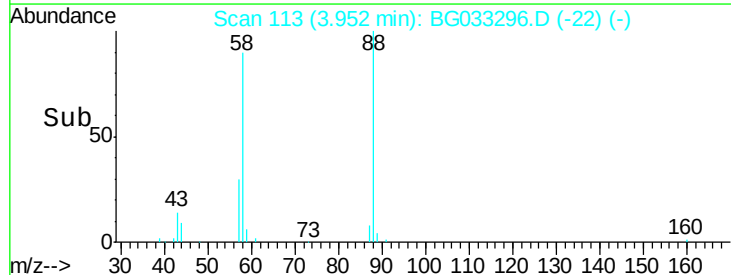
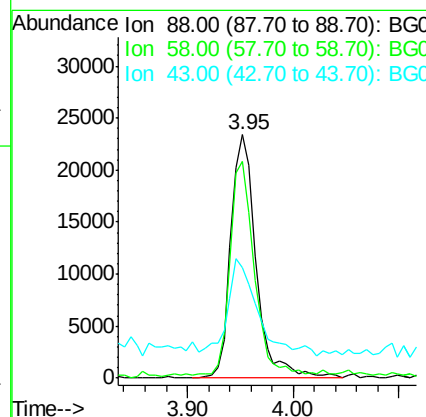
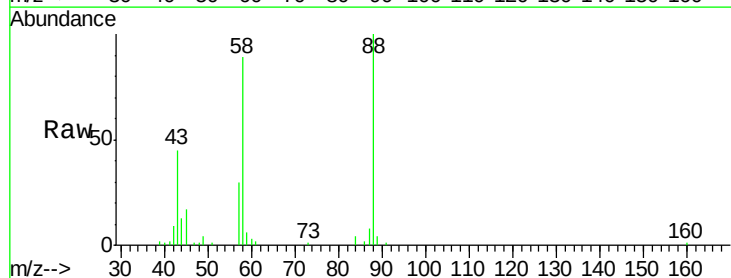
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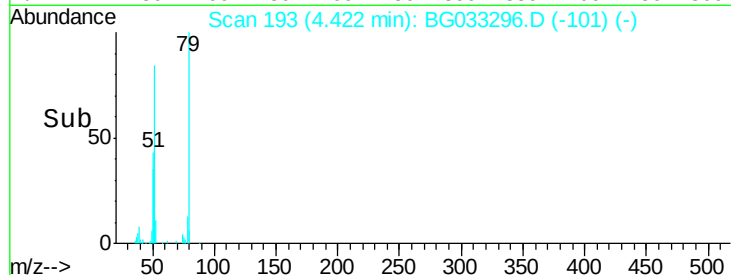
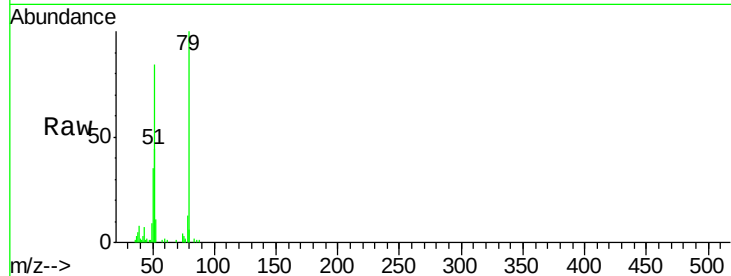
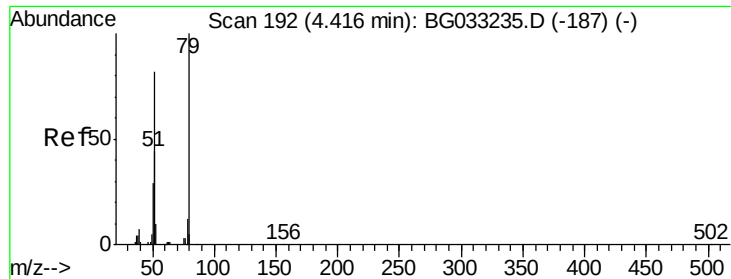


#2

1,4-Dioxane
Concen: 39.309 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	79.6	119.4
43	41.7	27.4	41.0#





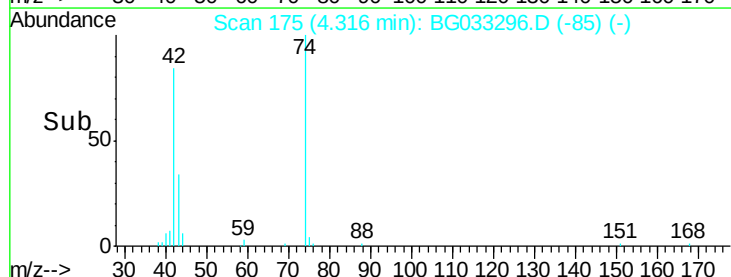
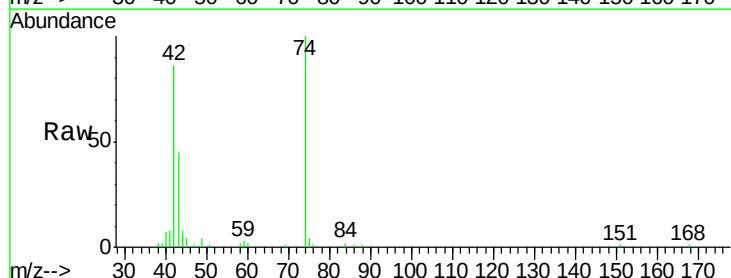
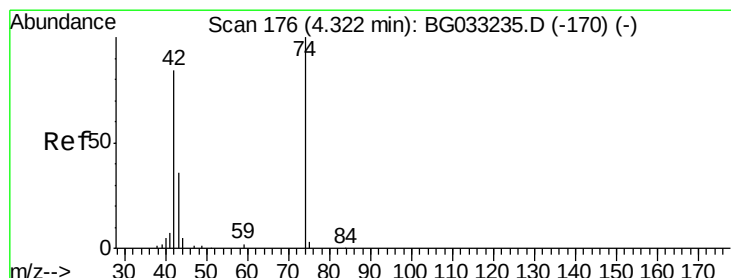
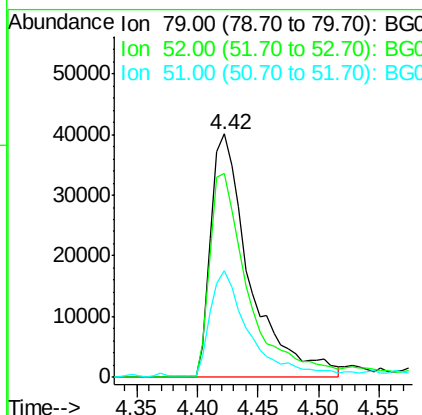
#3
 Pvridine
 Concen: 32.954 ng
 RT: 4.42 min Scan# 193
 Delta R.T. 0.01 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tot Ion:	79	Resp:	90061
Ion	Ratio	Lower	Upper
79	100		
52	83.8	69.9	104.9
51	43.8	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

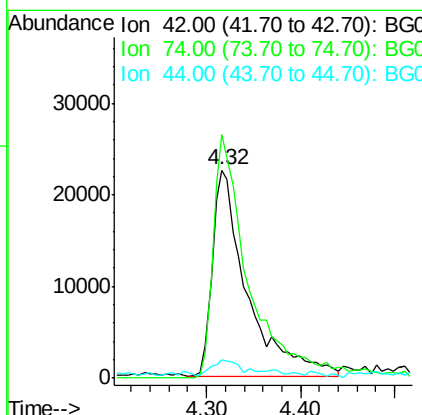
Manual Integrations
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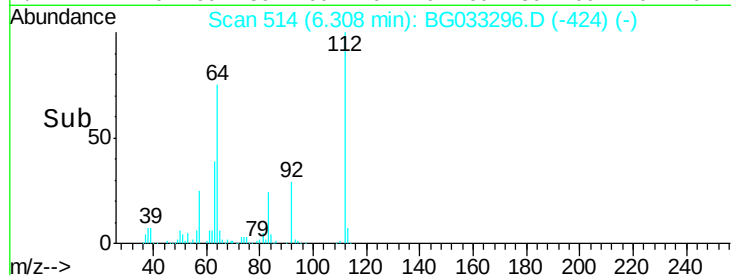
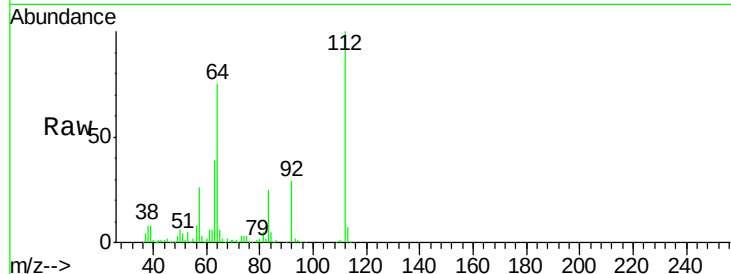
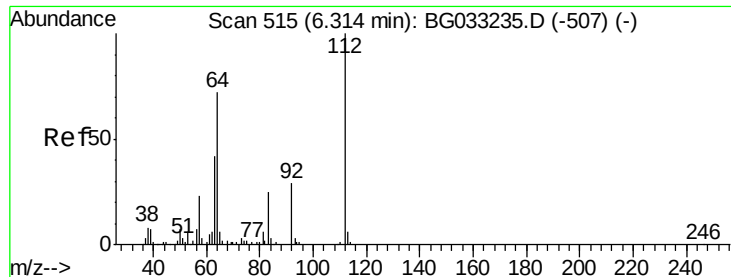
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#4
 n-Nitrosodimethylamine
 Concen: 51.876 ng
 RT: 4.32 min Scan# 175
 Delta R.T. -0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion:	42	Resp:	58181
Ion	Ratio	Lower	Upper
42	100		
74	116.9	102.5	153.7
44	8.9	18.9	28.3#





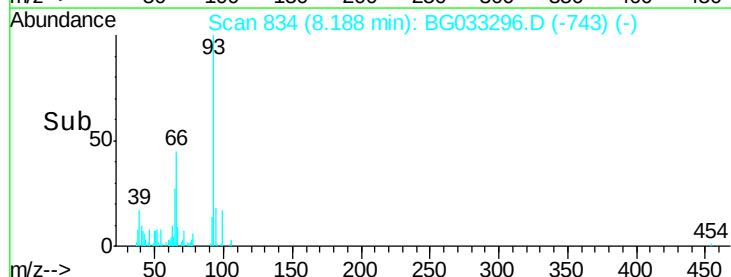
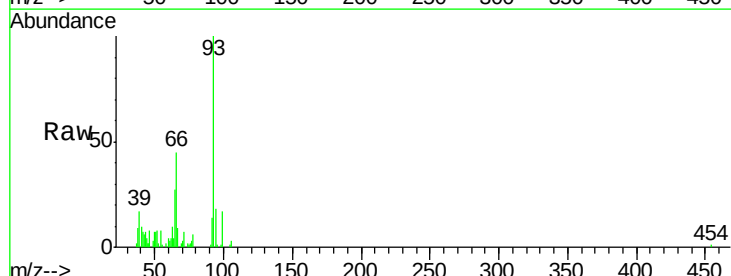
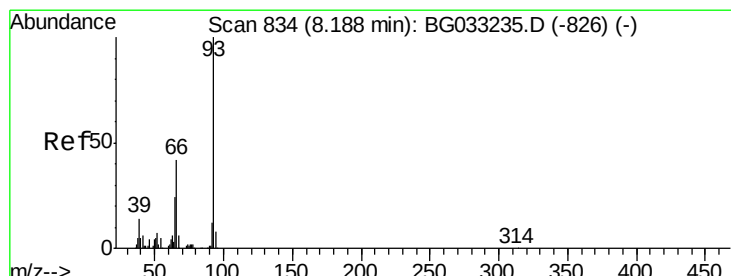
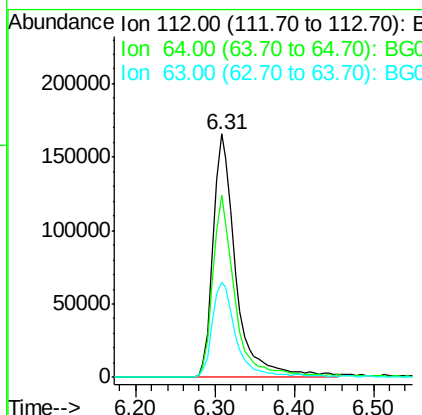
#5
2-Fluorophenol
Concen: 170.206 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tot Ion	Ratio	Resp	Lower	Upper
112	100	331350		
64	74.6	56.3	84.5	
63	38.9	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

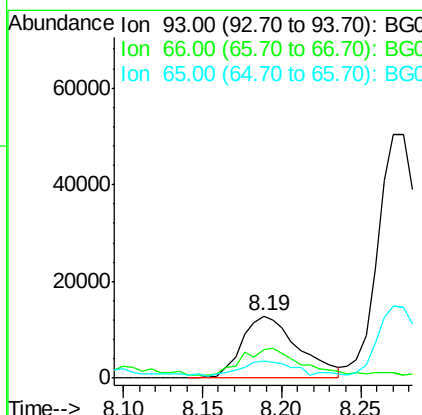
Manual Integrations
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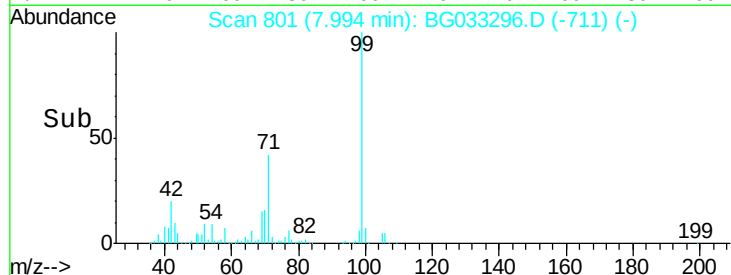
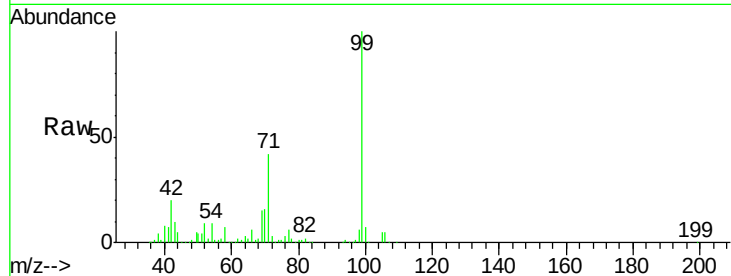
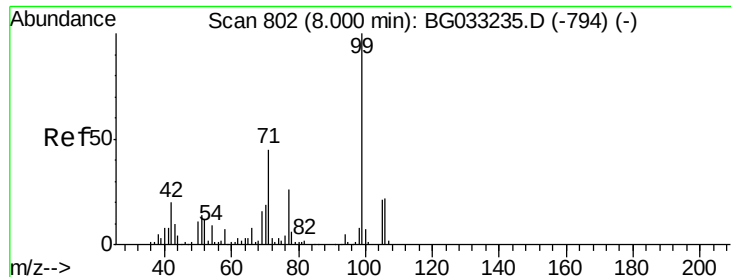
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#6
Aniline
Concen: 8.044 ng
RT: 8.19 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	31640		
66	45.1	33.7	50.5	
65	26.9	16.1	24.1	





#7

Phenol-d6

Concen: 144.041 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		481805		
42	20.4	14.1	21.1		
71	42.1	26.1	39.1#		

Instrument :

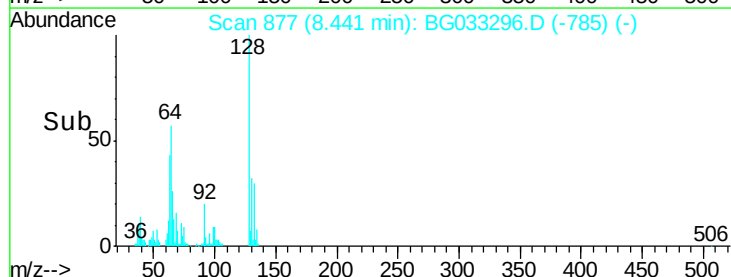
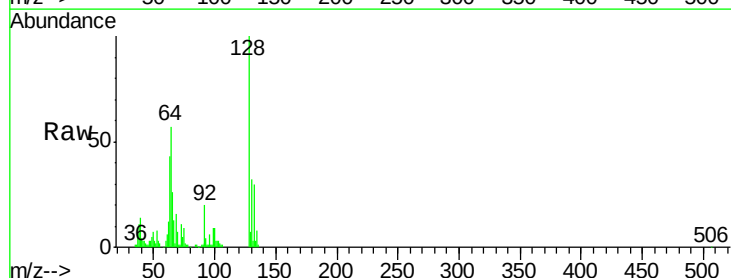
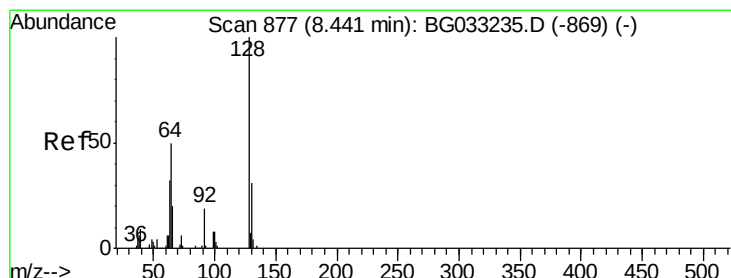
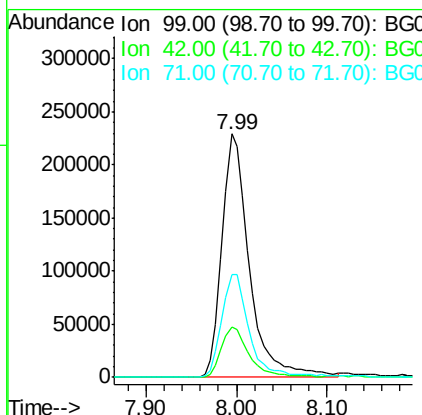
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 56.147 ng

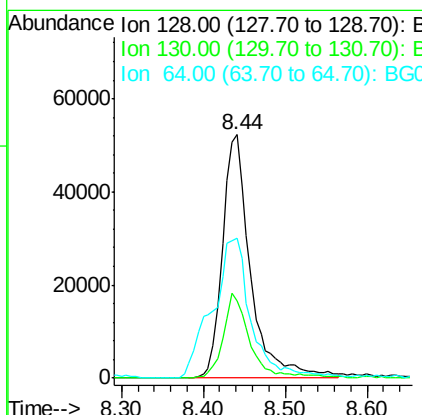
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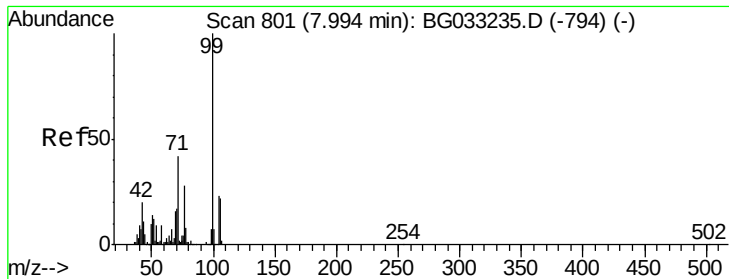
Delta R.T. 0.01 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		124959		
130	31.7	14.0	54.0		
64	57.4	37.7	77.7		





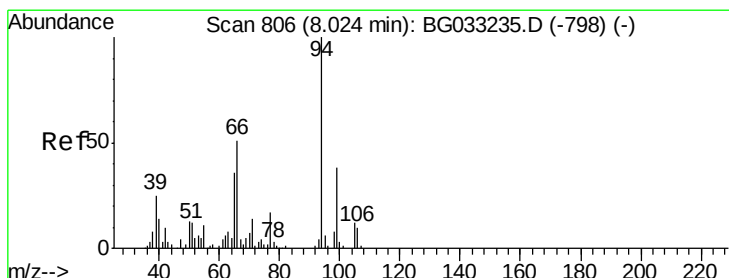
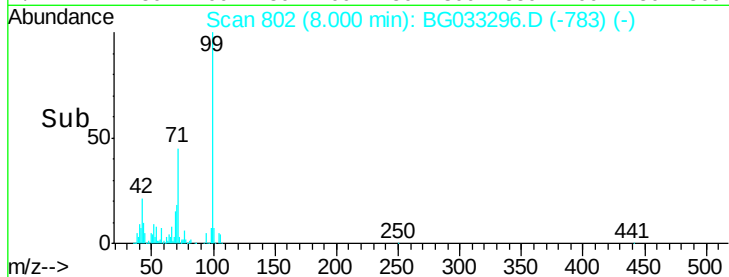
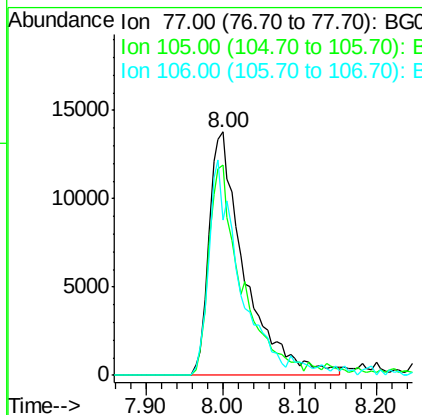
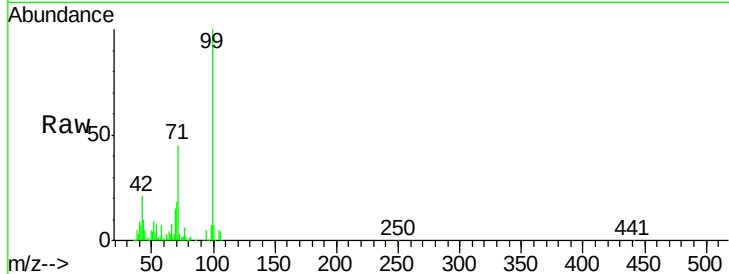
#9
Benzaldehyde
Concen: 21.016 ng/ml
RT: 8.00 min Scan# 802
Delta R.T. 0.01 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.4	71.3	111.3
106	63.9	64.2	104.2

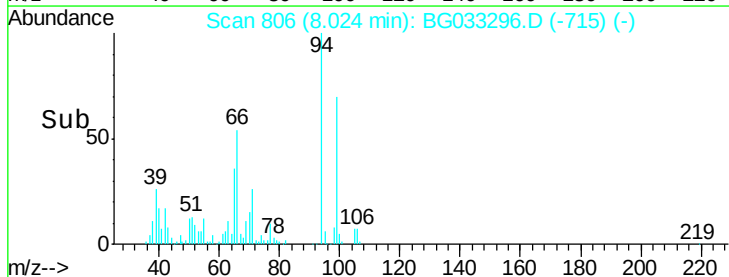
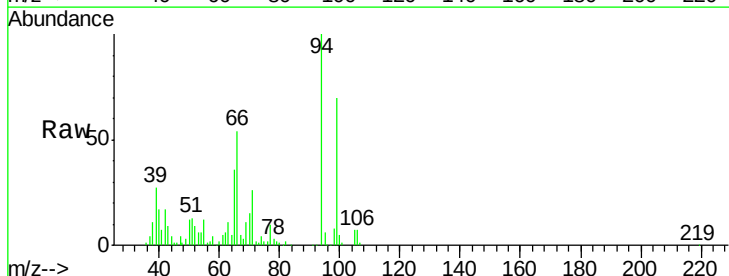
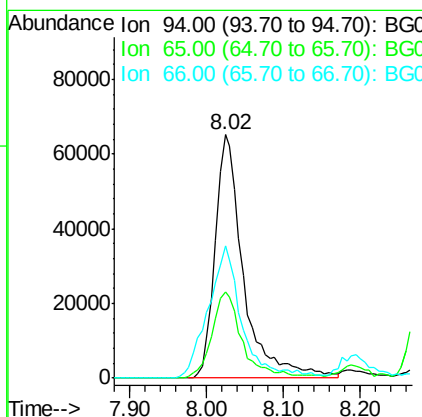
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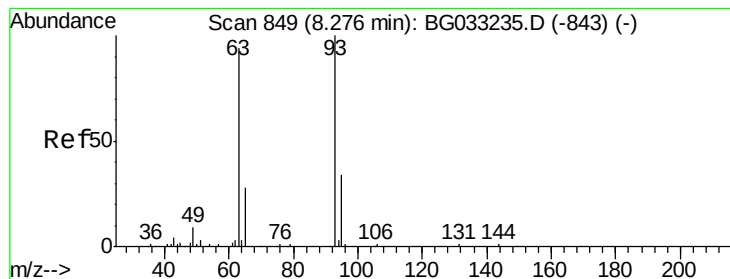
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#10
Phenol
Concen: 50.198 ng/ml
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	11.9	51.9
66	54.4	22.2	62.2





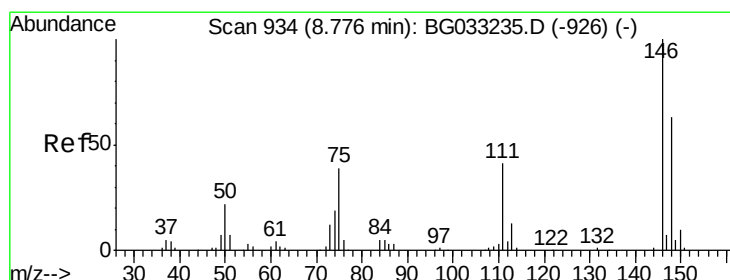
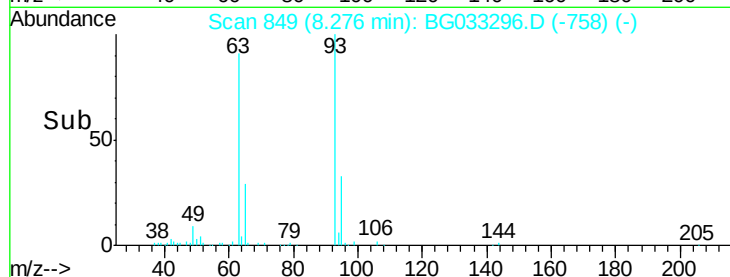
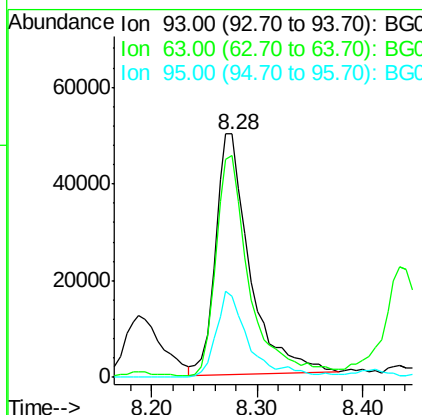
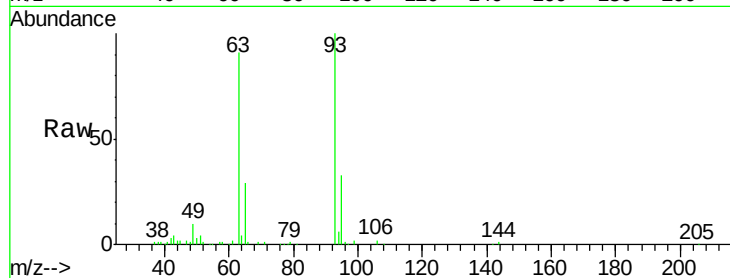
#11
bis(2-Chloroethyl)ether
Concen: 41.613 ng
RT: 8.28 min Scan# 849
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	67.1	107.1
95	33.4	11.5	51.5

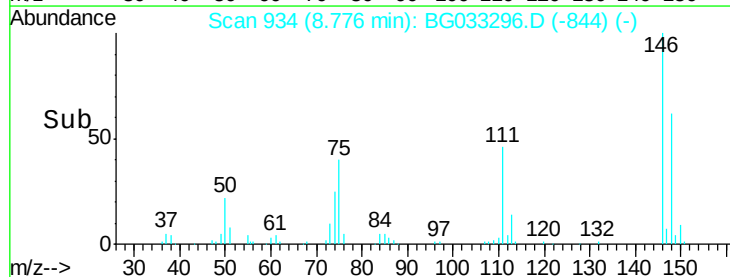
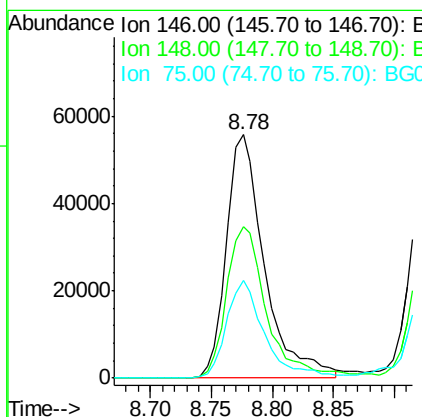
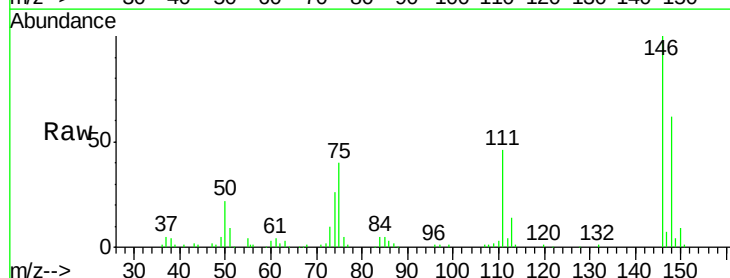
Manual Integrations
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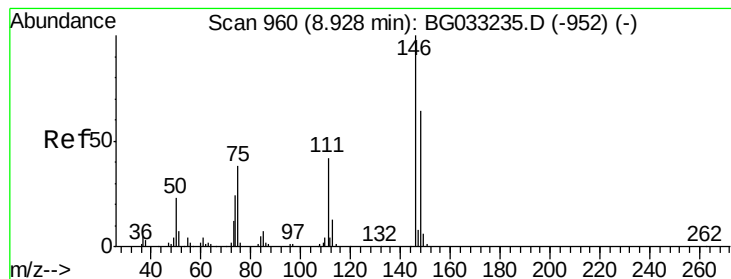
Sohil
3/23/2018 3:45:12 PM



#12
1,3-Dichlorobenzene
Concen: 41.622 ng m
RT: 8.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.2
75	40.1	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 41.836 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

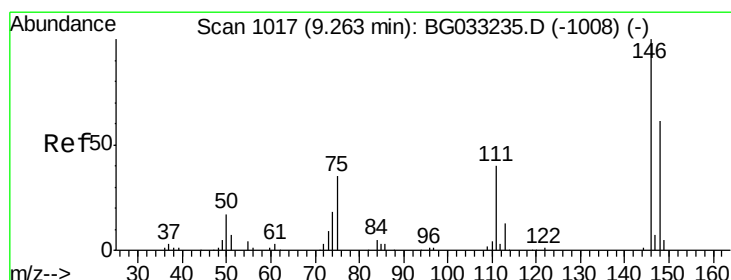
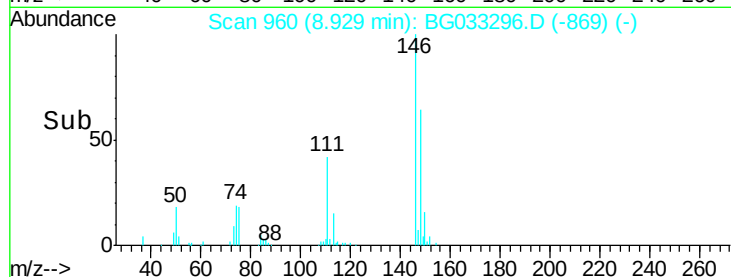
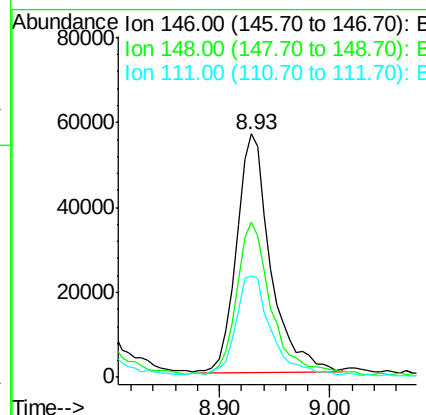
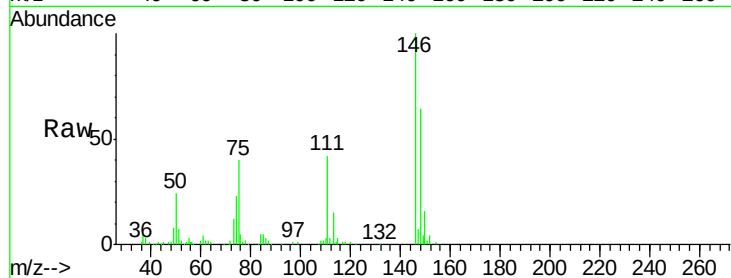
ClientSampleId :

OR-03-032018-AMS

Tot Ion:	146	Resp:	121910
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.7	80.5
111	41.6	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 45.397 ng

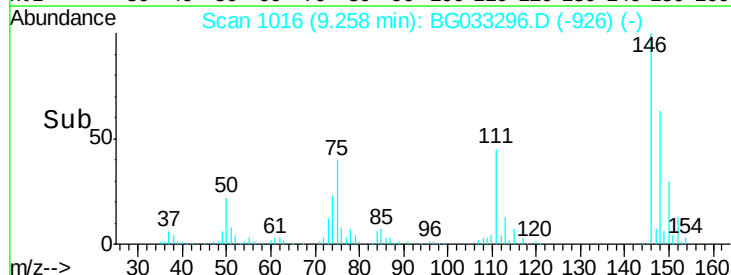
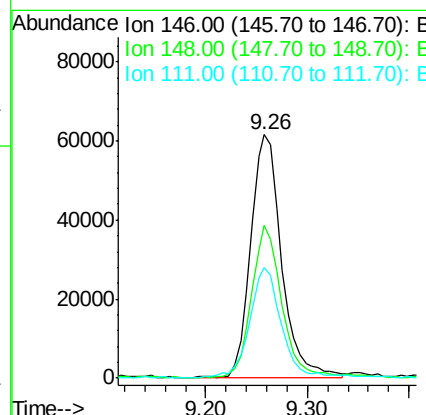
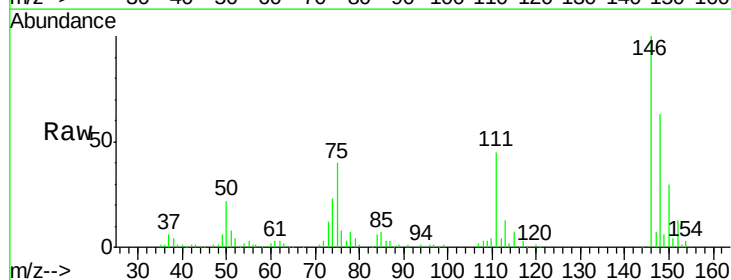
RT: 9.26 min Scan# 1016

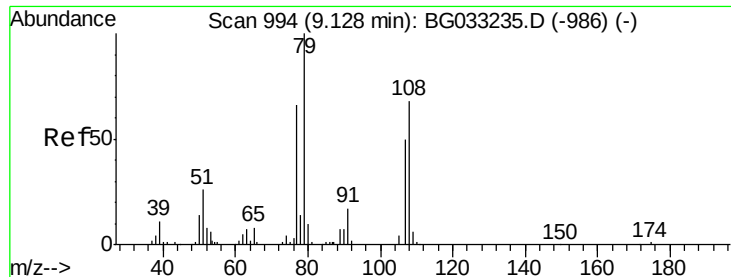
Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	146	Resp:	129113
Ion Ratio	Lower	Upper	
146	100		
148	62.6	49.3	73.9
111	45.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 55.552 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

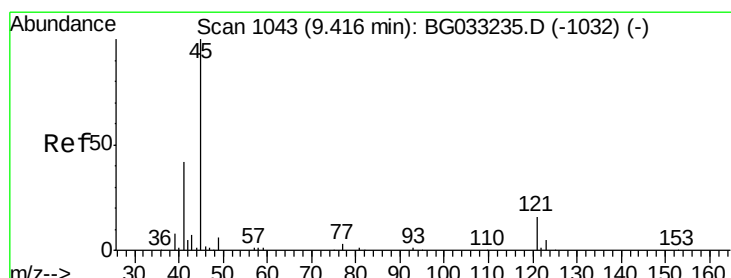
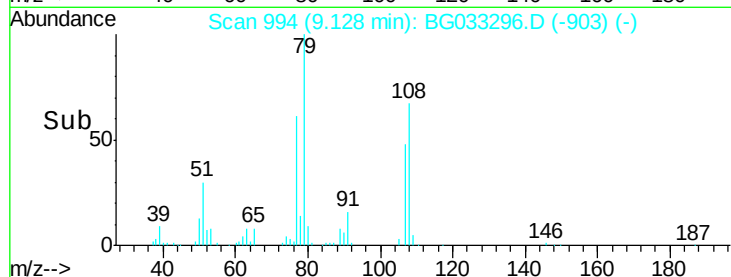
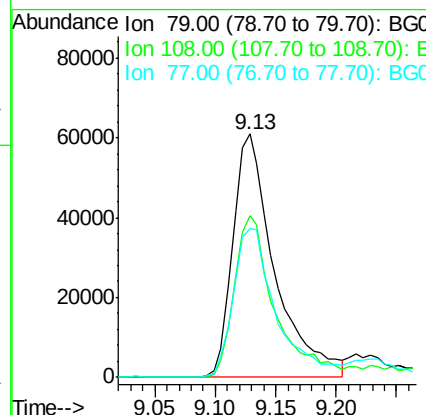
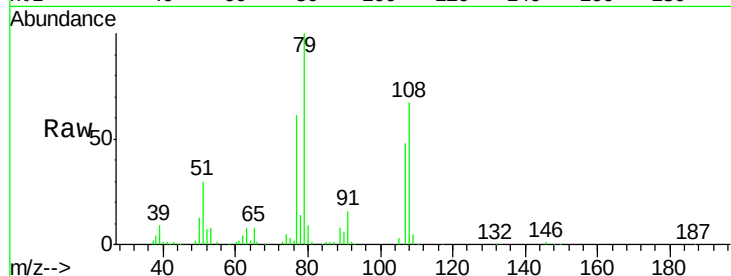
ClientSampleId :

OR-03-032018-AMS

Tot Ion:	79	Resp:	146299
Ion Ratio	Lower	Upper	
79	100		
108	66.6	57.2	85.8
77	61.1	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.040 ng

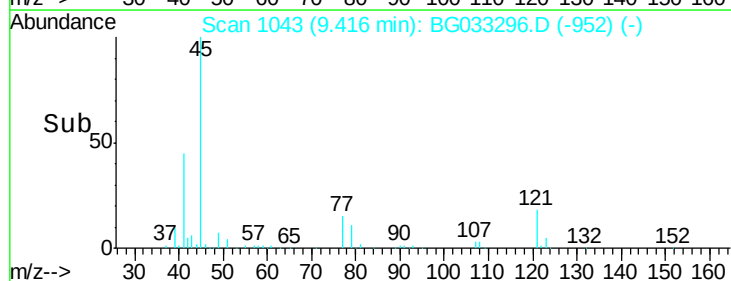
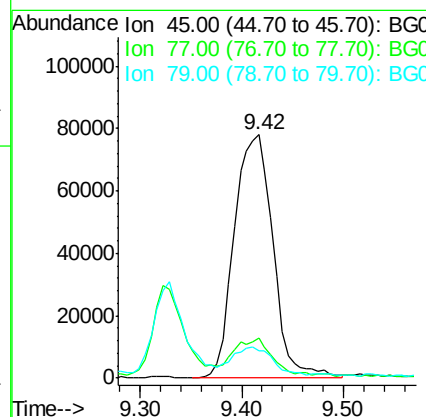
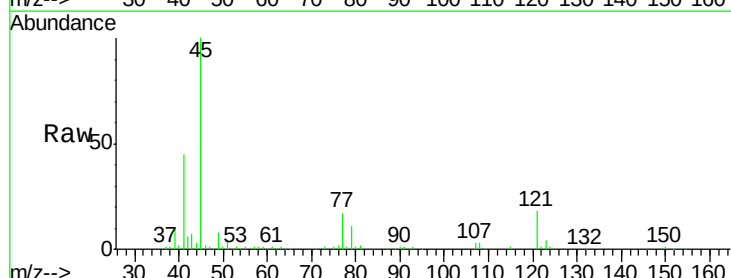
RT: 9.42 min Scan# 1043

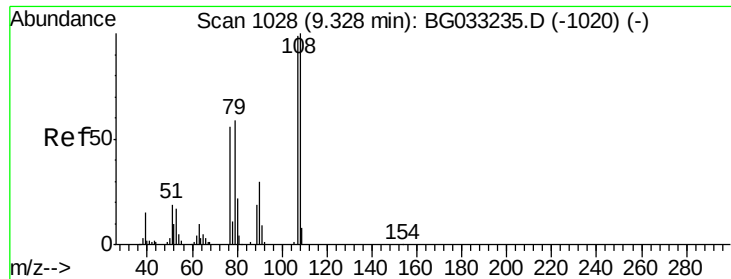
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	45	Resp:	206712
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	30.2
79	11.5	0.0	27.9





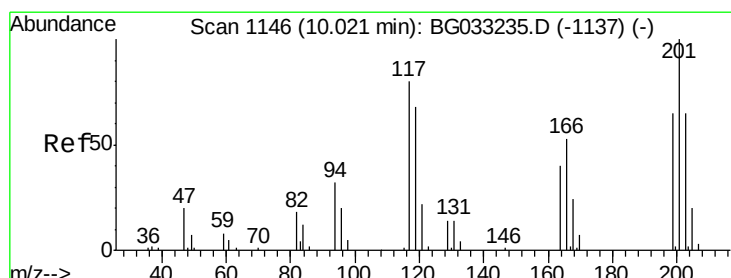
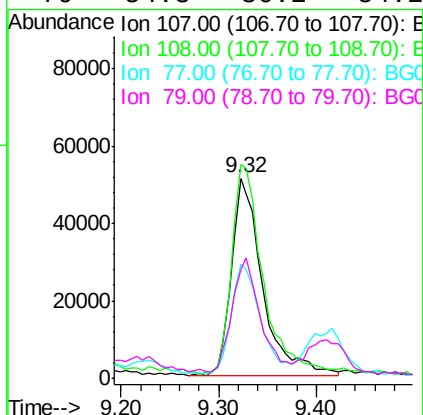
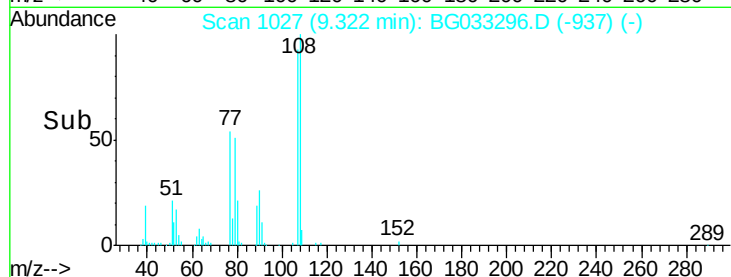
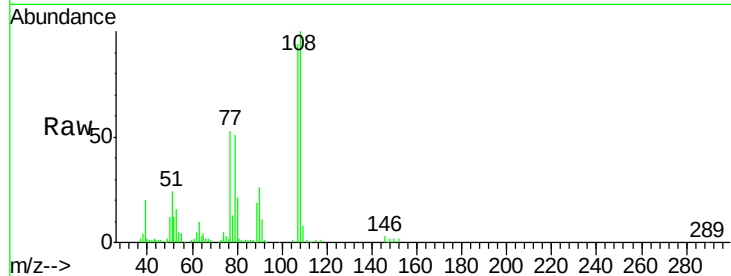
#17
2-Methylphenol
Concen: 50.079 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	83.9	125.9	
77	57.2	37.2	55.8	
79	54.3	36.2	54.2	

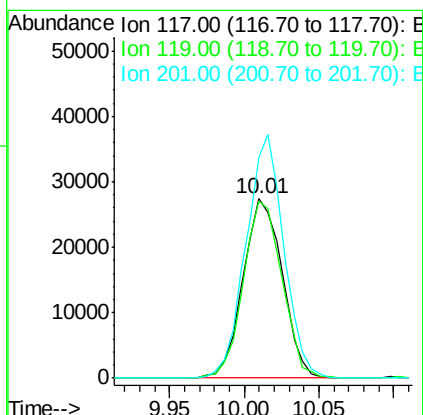
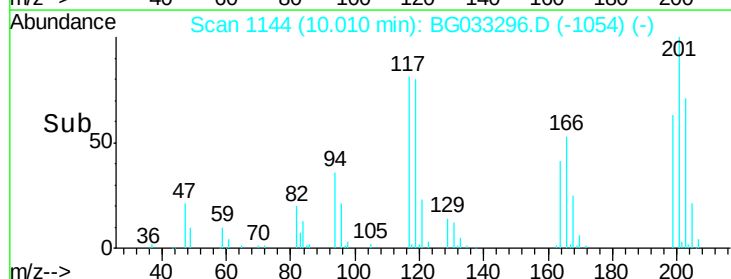
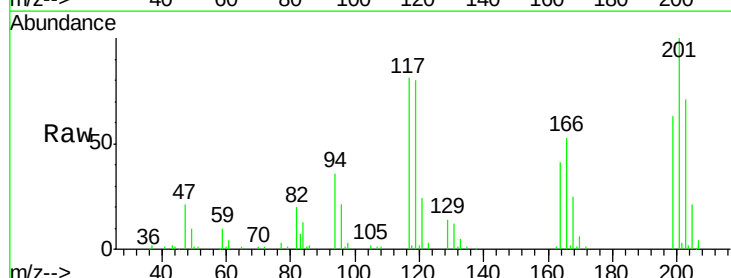
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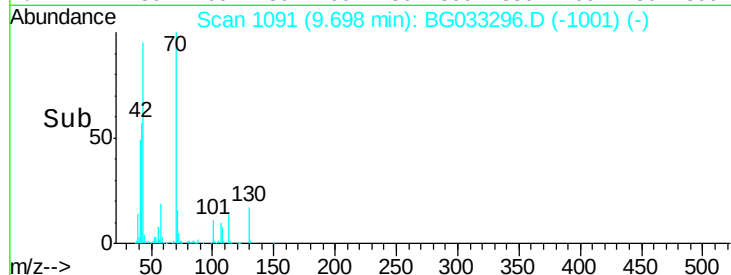
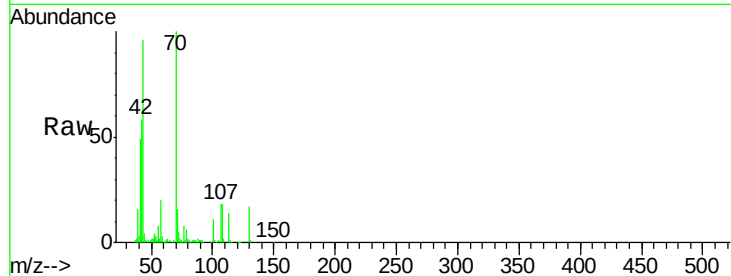
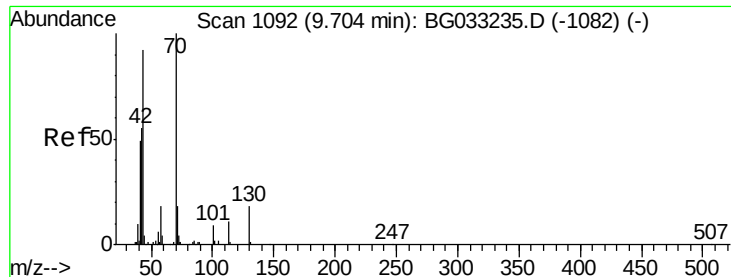
Sohil
3/23/2018 3:45:12 PM



#18
Hexachloroethane
Concen: 44.294 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	76.7	115.1	
201	126.8	95.7	143.5	





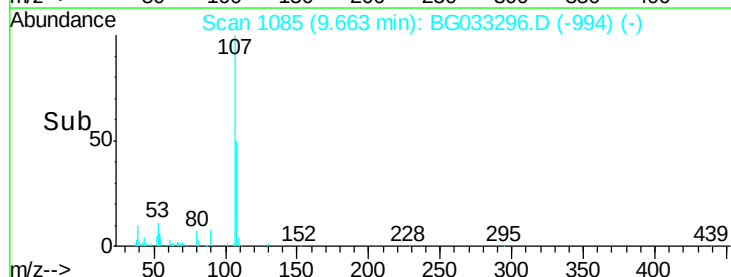
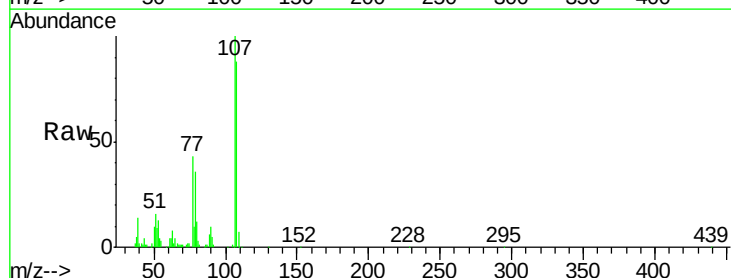
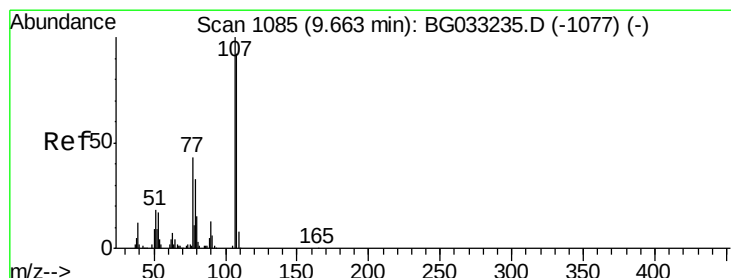
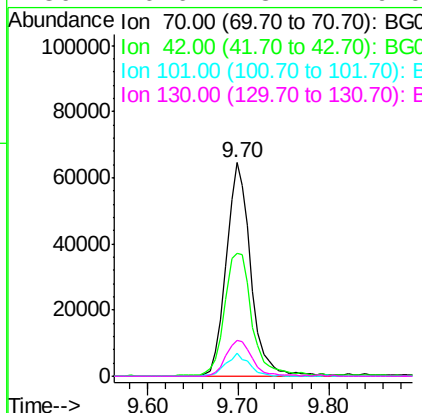
#19
n-Nitroso-di-n-propylamine
Concen: 49.398 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

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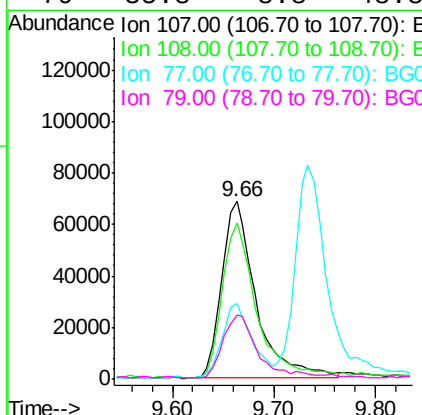
Sohil
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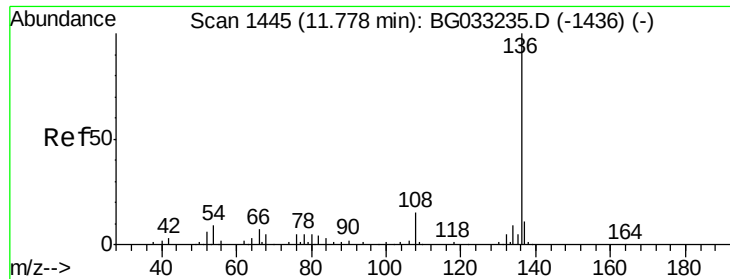
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	49.1	73.7	
101	10.5	8.5	12.7	
130	16.6	13.4	20.0	



#20
3+4-Methylphenols
Concen: 50.243 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	61.6	101.6	
77	42.9	13.9	53.9	
79	35.8	8.8	48.8	





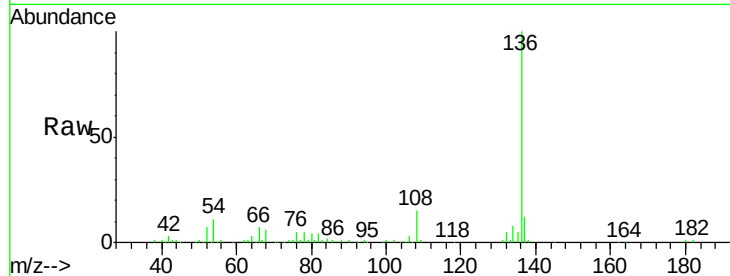
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	161852		
137	12.1		9.2	13.8
54	11.2		10.3	15.5
68	5.8		4.5	6.7

Manual Integrations
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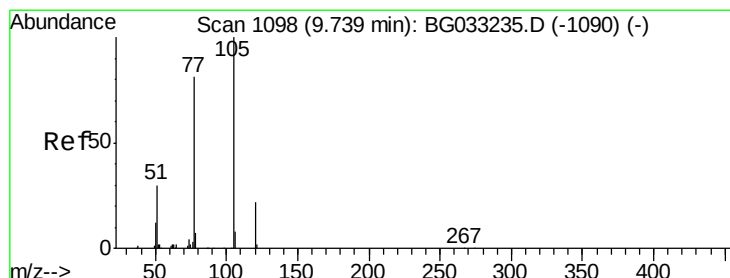
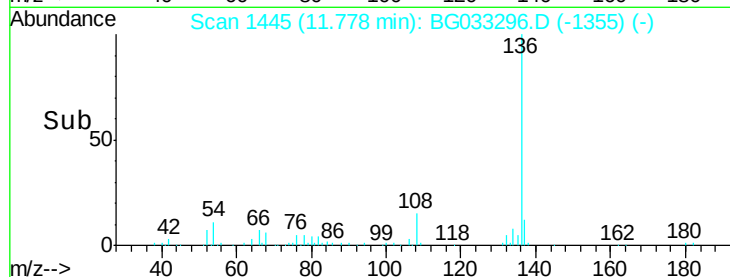
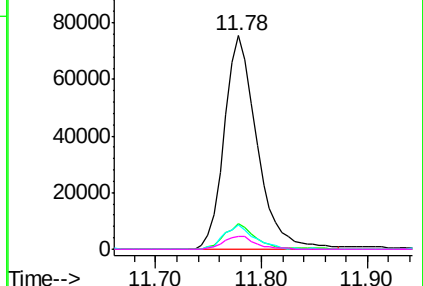
Abundance

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: 46.800 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207521		
71	0.5		3.0	4.4#
51	35.7		26.1	39.1
120	20.3		17.4	26.2

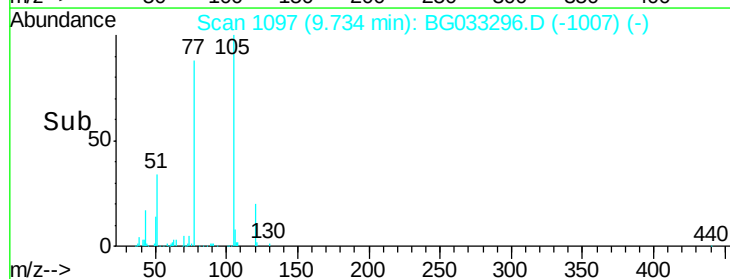
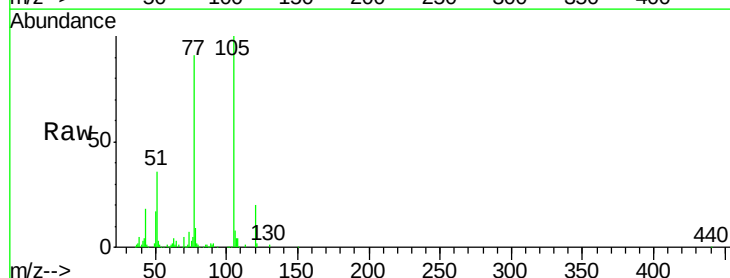
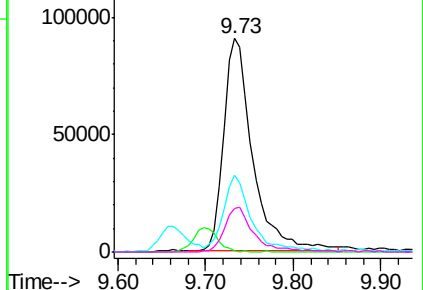
Abundance

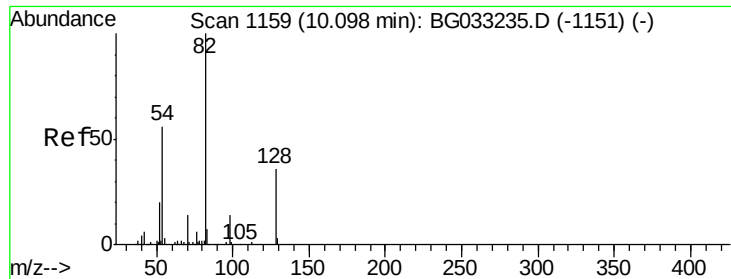
Ion 105.00 (104.70 to 105.70): E

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





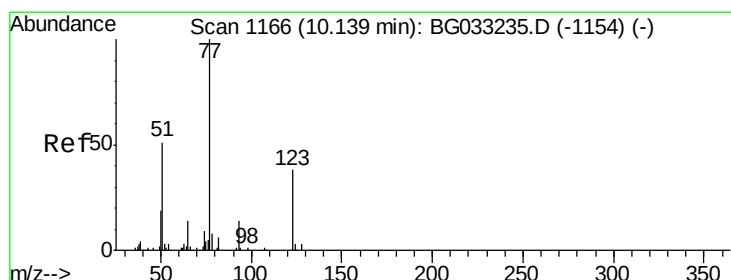
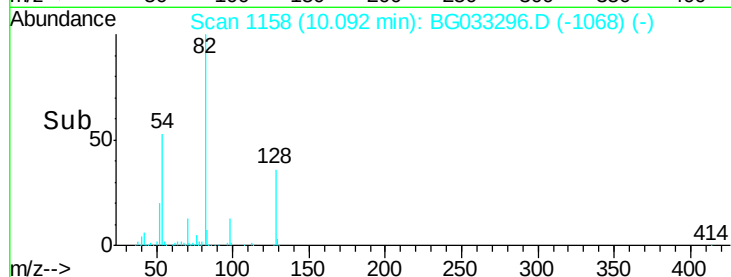
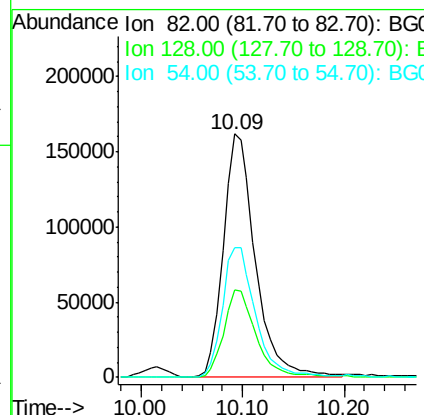
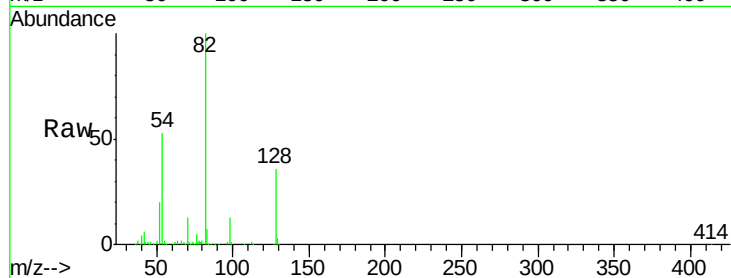
#23
 Nitrobenzene-d5
 Concen: 100.585 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	53.1	43.1	64.7

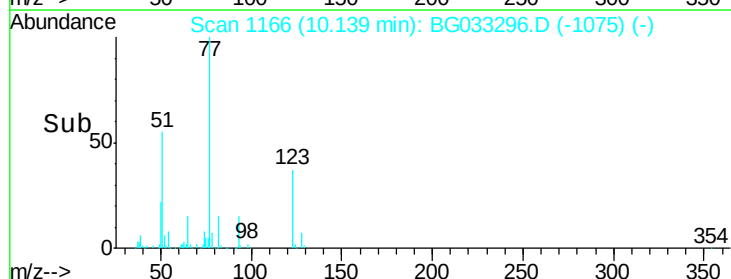
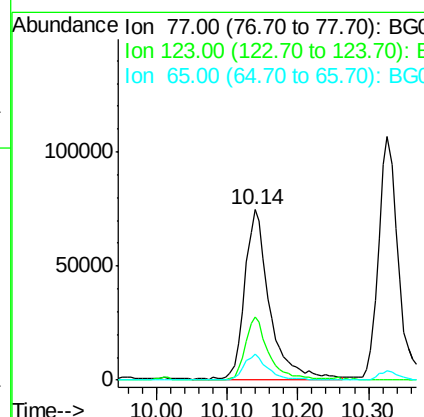
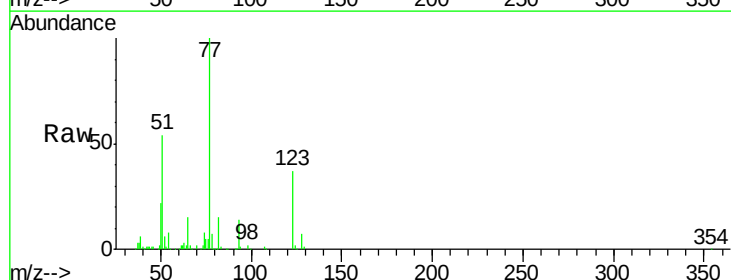
Manual Integrations
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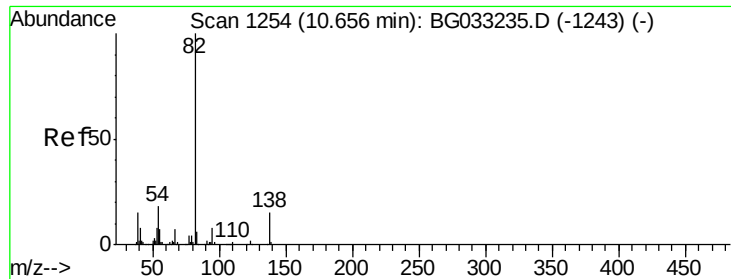
Sohil
 3/23/2018 3:45:12 PM



#24
 Nitrobenzene
 Concen: 48.115 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	33.0	49.6
65	15.2	13.0	19.6





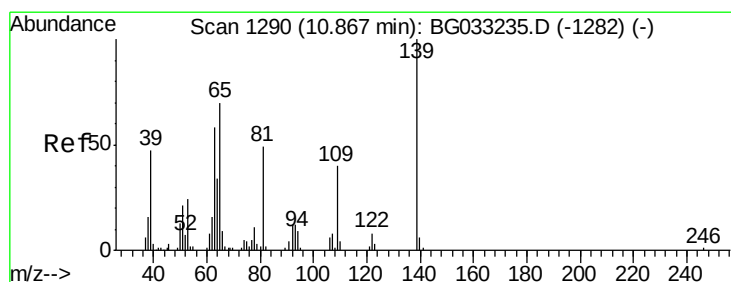
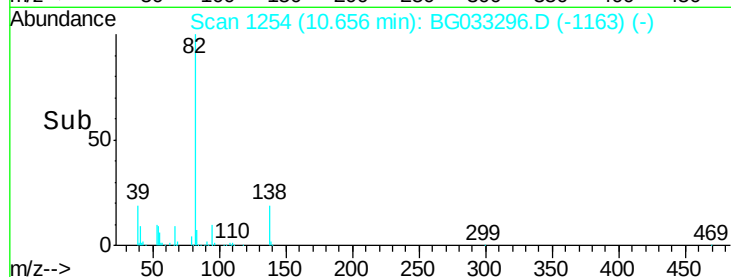
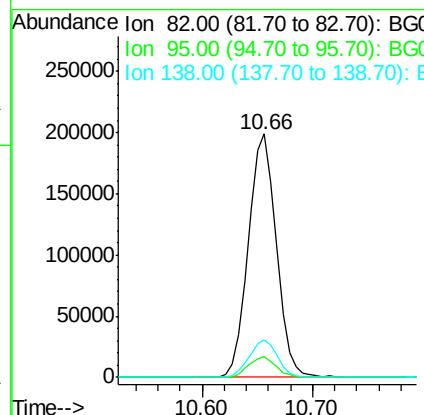
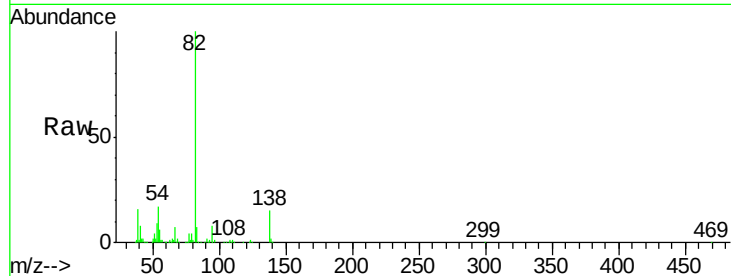
#25
Isophorone
Concen: 51.900 ng
RT: 10.66 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.2	9.2	
138	15.4	12.1	18.1	

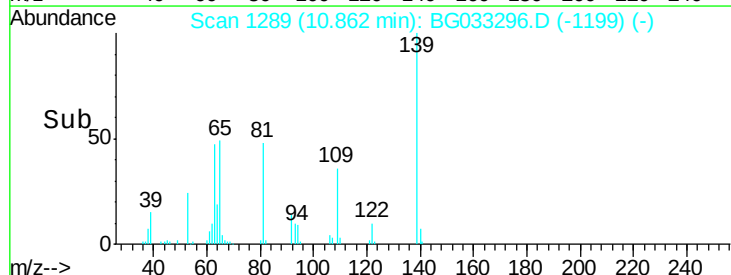
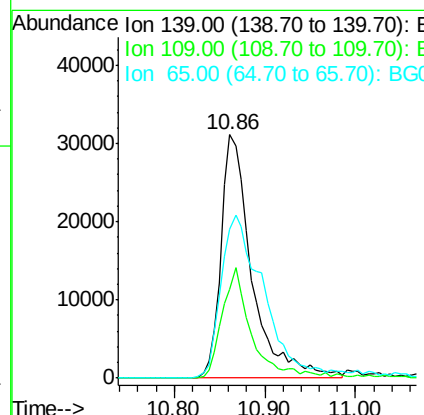
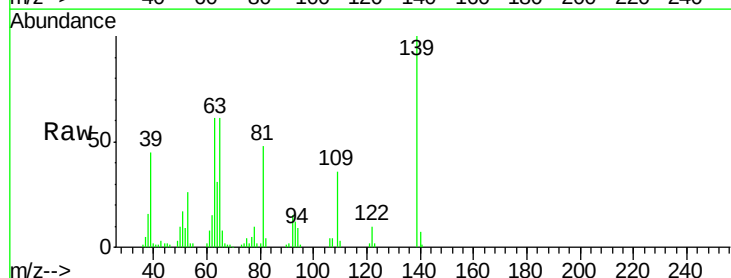
Manual Integrations
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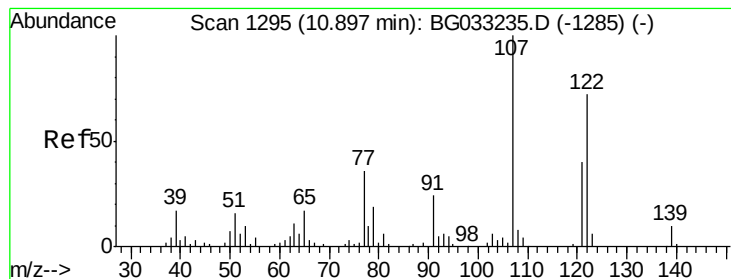
Sohil
3/23/2018 3:45:12 PM



#26
2-Nitrophenol
Concen: 51.311 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.4	24.2	36.2	
65	61.1	47.4	71.0	





#27

2,4-Dimethylphenol

Concen: 60.171 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

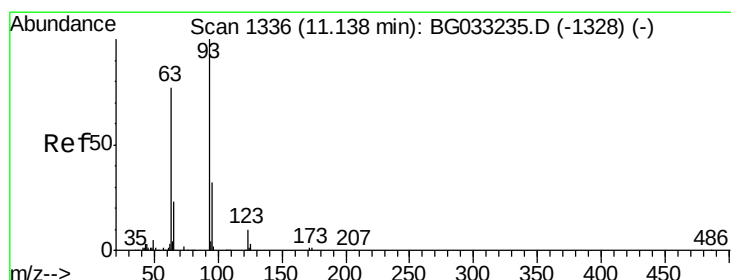
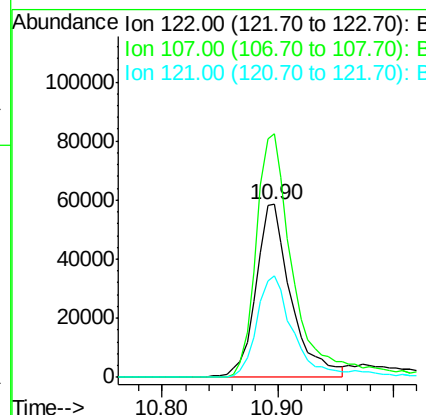
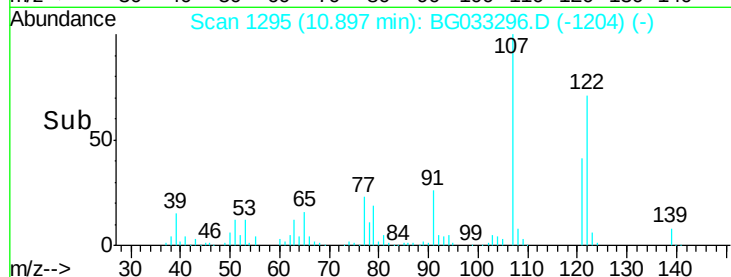
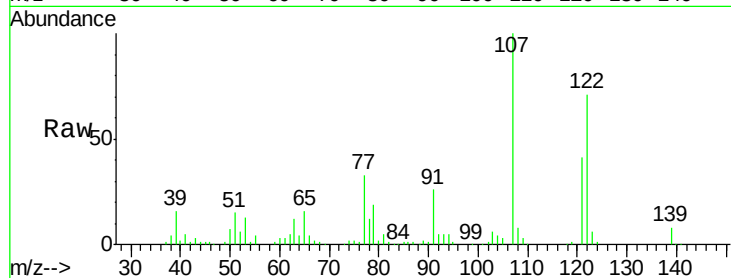
ClientSampleId :

OR-03-032018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	140.9	100.2	150.2		
121	58.4	44.4	66.6		

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#28

bis(2-Chloroethoxy)methane

Concen: 54.064 ng

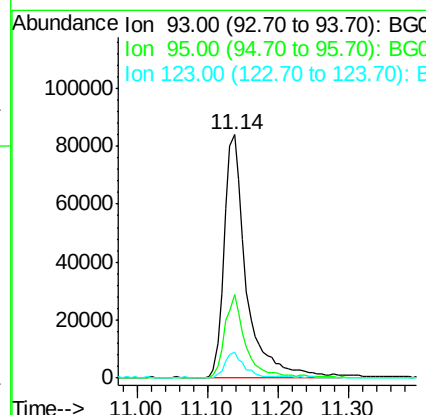
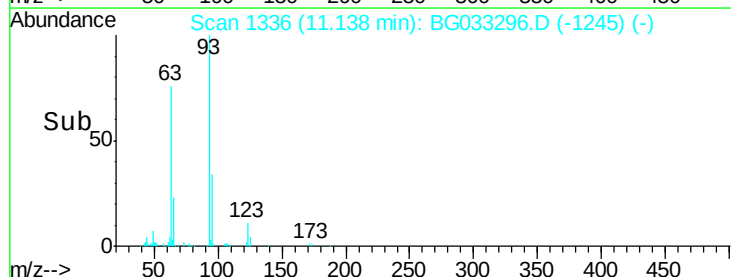
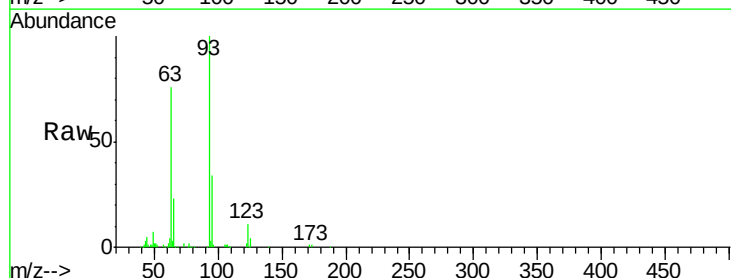
RT: 11.14 min Scan# 1336

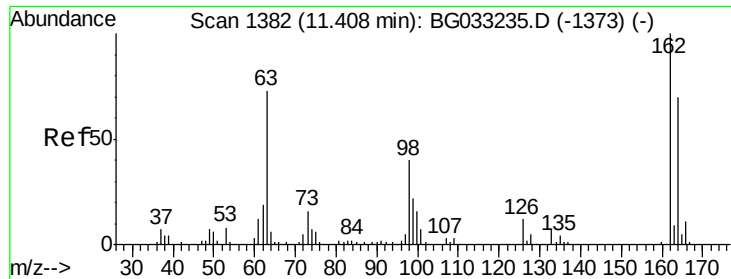
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	34.3	24.3	36.5		
123	10.5	8.4	12.6		





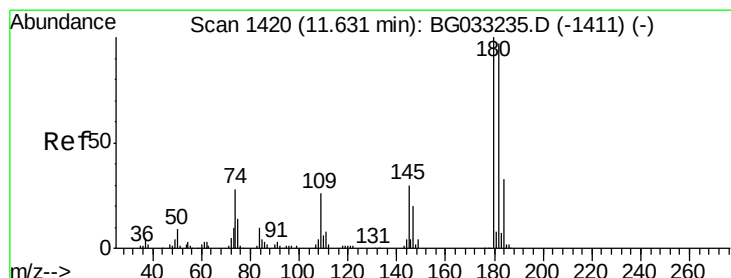
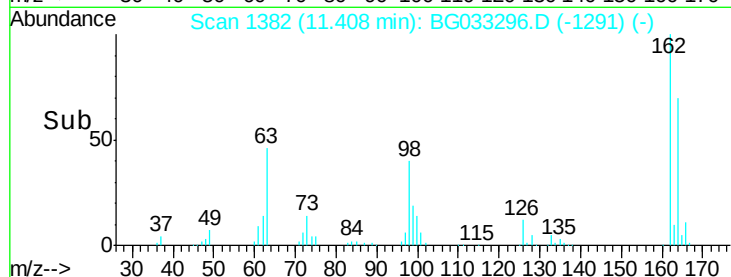
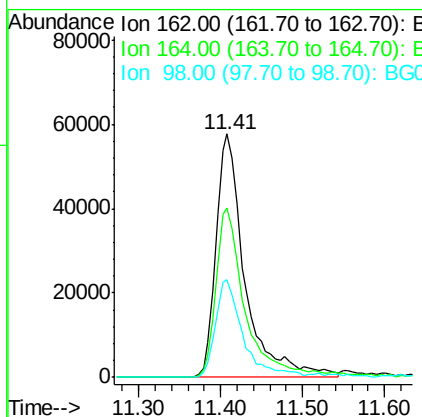
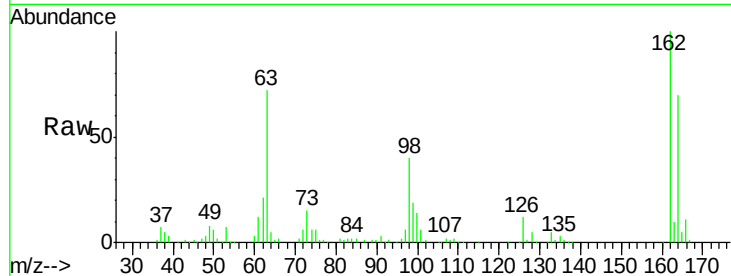
#29
 2,4-Dichlorophenol
 Concen: 55.593 ng
 RT: 11.41 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	141784		
164	69.5	48.0	88.0	
98	40.0	21.1	61.1	

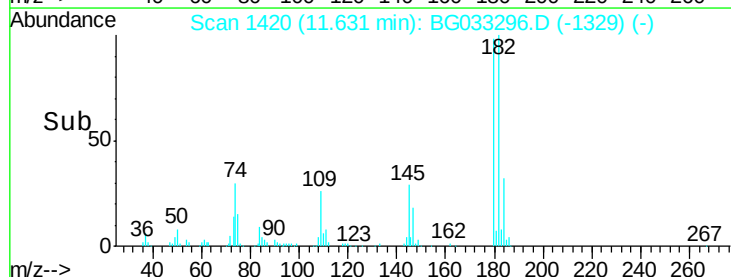
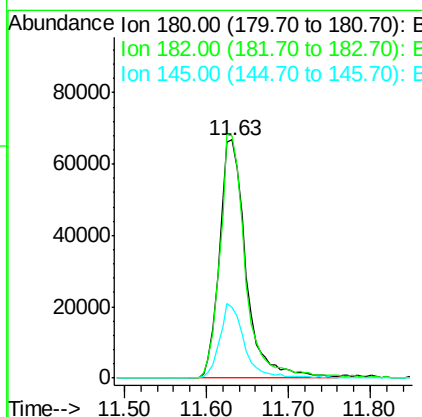
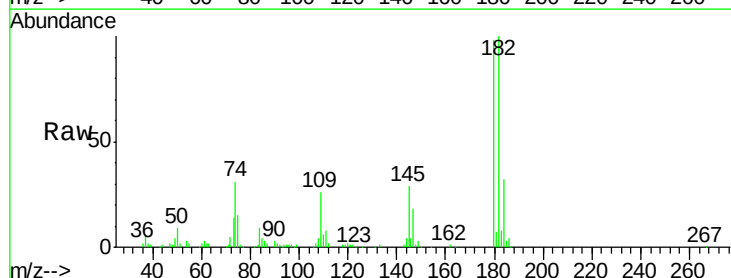
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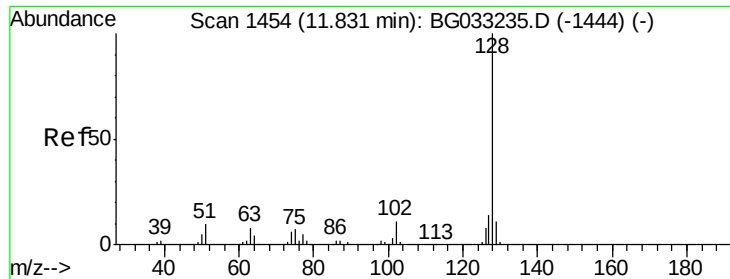
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.654 ng
 RT: 11.63 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	151277		
182	101.9	77.5	116.3	
145	29.5	23.4	35.2	





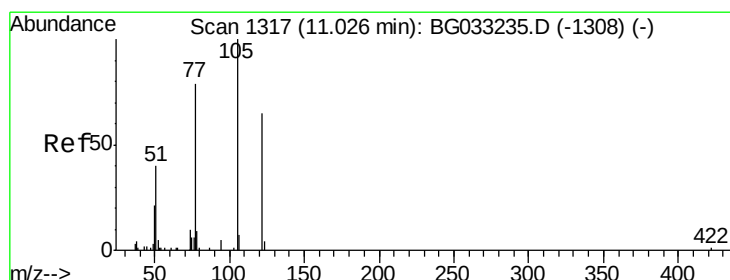
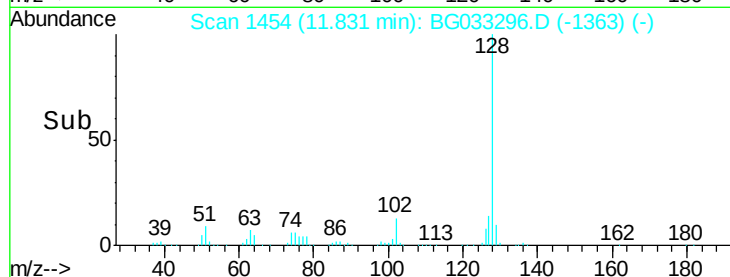
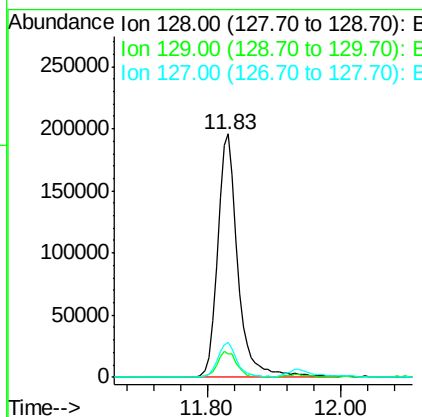
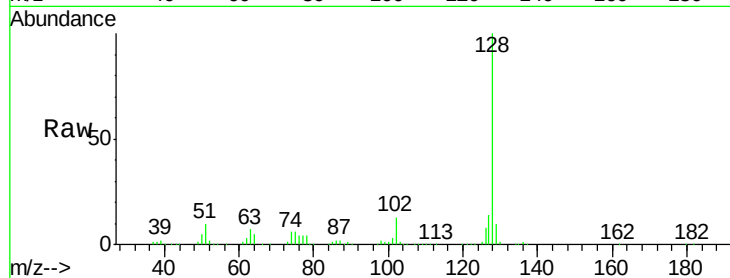
#31
Naphthalene
Concen: 49.942 ng
RT: 11.83 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	14.1	11.6	17.4

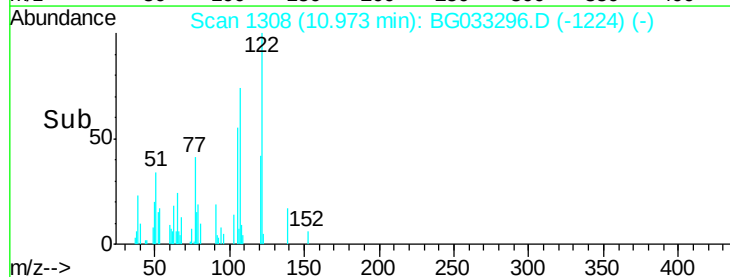
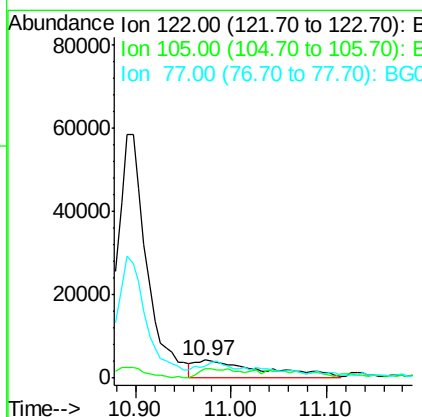
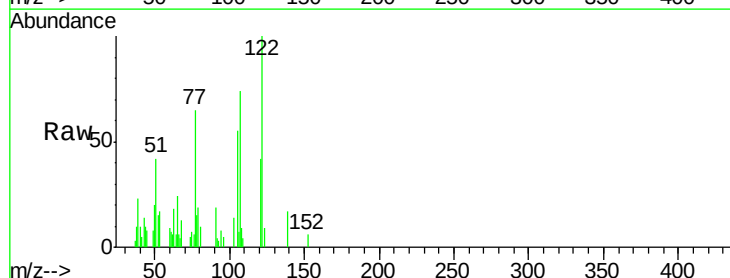
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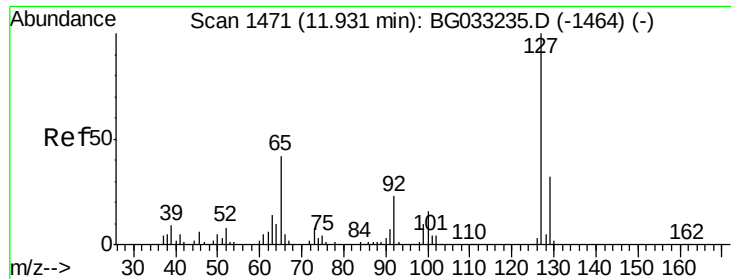
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#32
Benzoic acid
Concen: 11.416 ng m
RT: 10.97 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	54.7	123.5	163.5#
77	65.2	85.7	125.7#





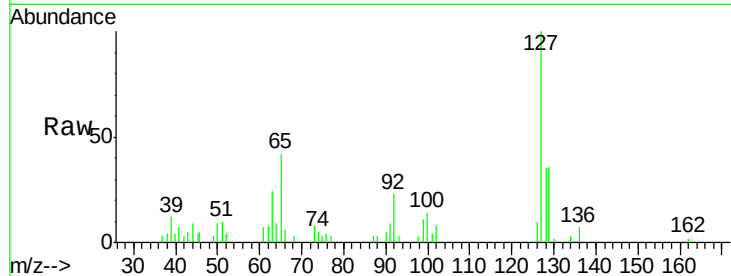
#33
4-Chloroaniline
Concen: 5.619 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

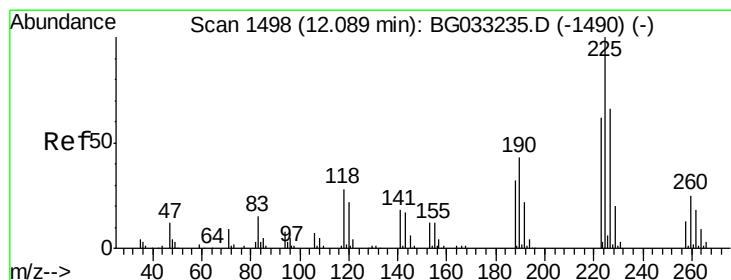
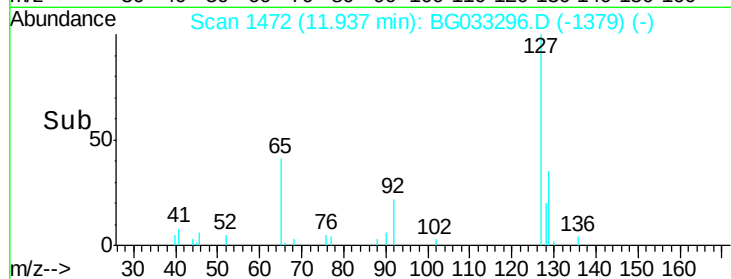
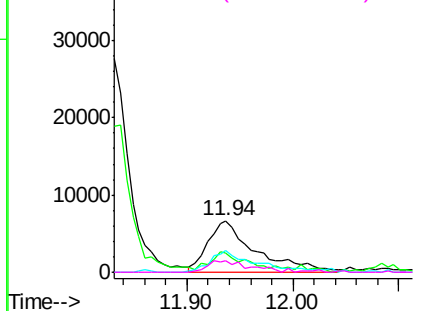
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		21113		
129	36.2	24.0	36.0#		
65	42.3	27.0	40.4#		
92	23.1	16.6	25.0		

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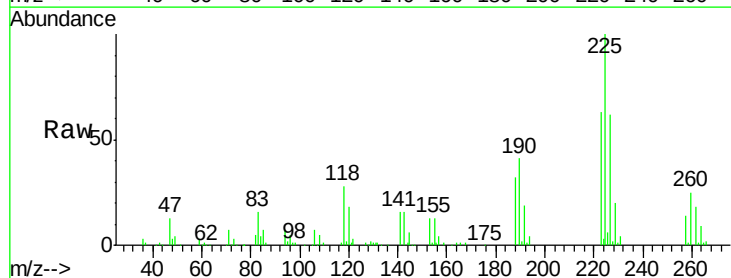


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

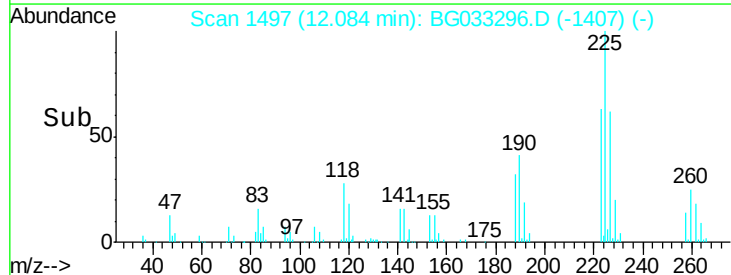
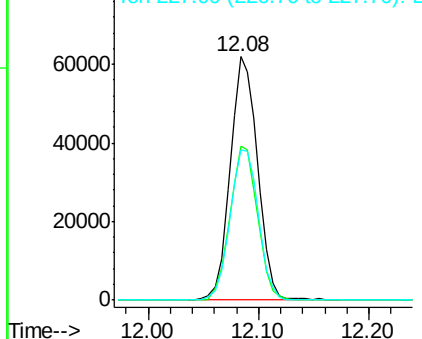


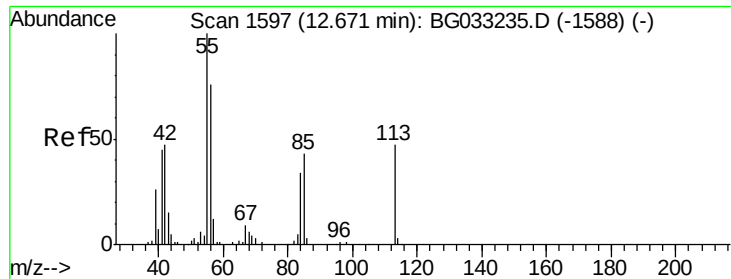
#34
Hexachlorobutadiene
Concen: 42.896 ng
RT: 12.08 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		107488		
223	63.3	49.7	74.5		
227	61.6	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: 39.889 ng

RT: 12.67 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

ClientSampleId :

OR-03-032018-AMS

Tot Ion:113 Resp: 39855

Ion Ratio Lower Upper

113 100

55 201.5 186.9 226.9

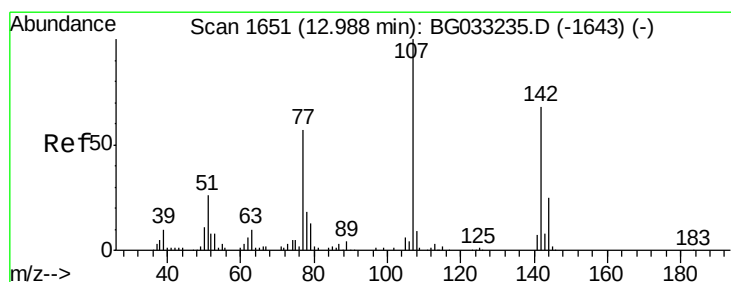
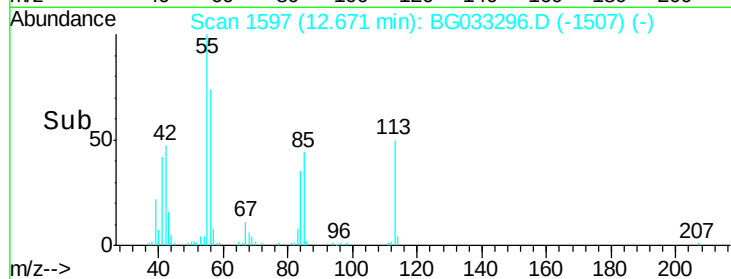
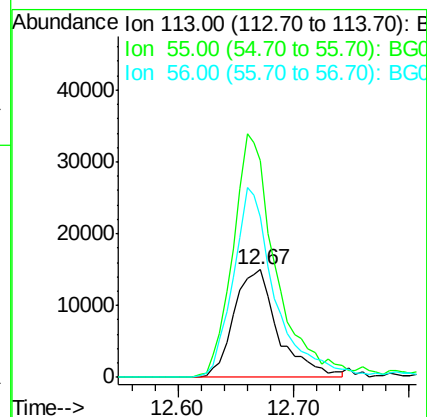
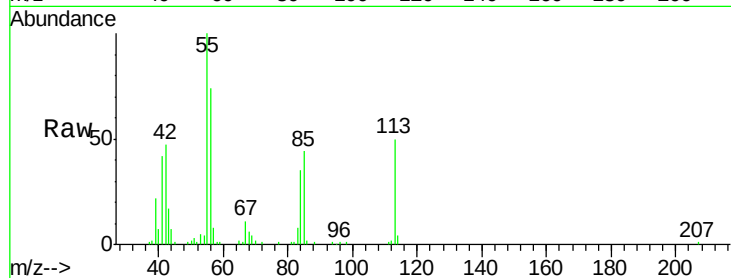
56 149.2 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 56.126 ng

RT: 12.99 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

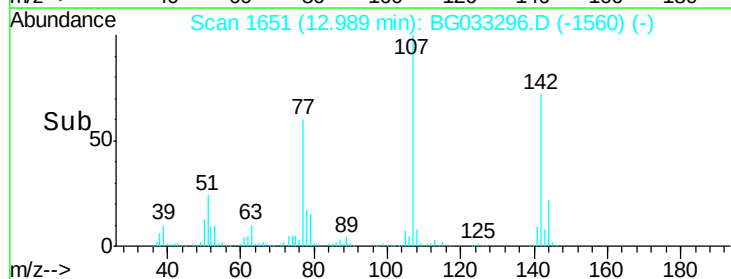
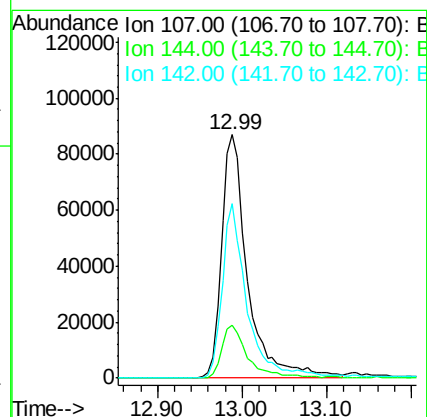
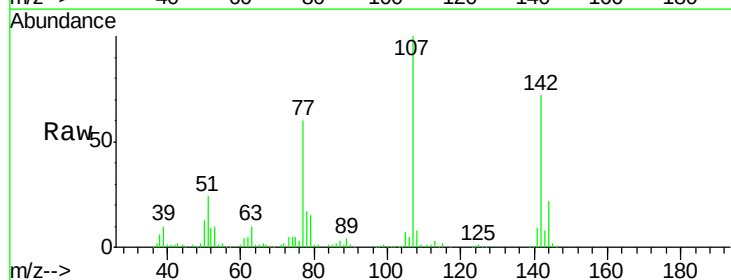
Tgt Ion:107 Resp: 186696

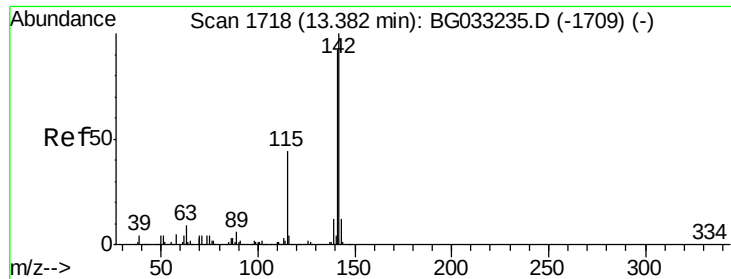
Ion Ratio Lower Upper

107 100

144 21.6 18.2 27.4

142 71.6 59.0 88.4





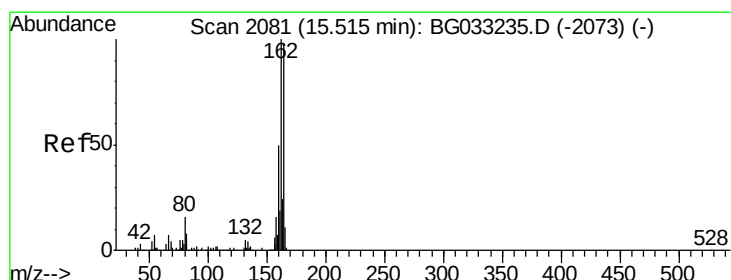
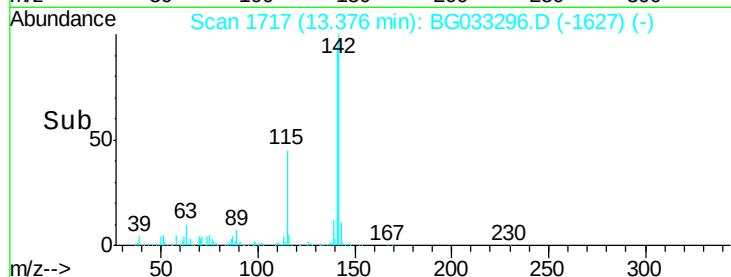
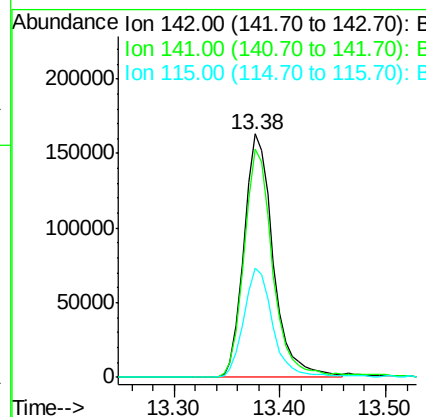
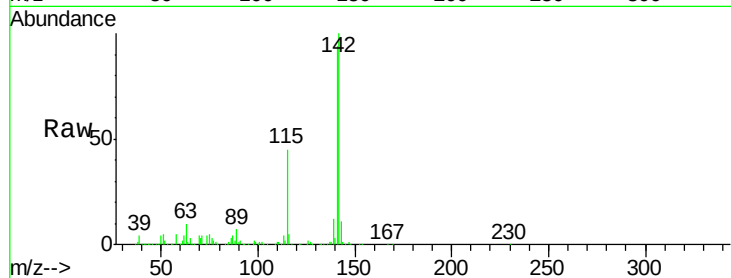
#37
2-Methylnaphthalene
Concen: 47.932 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	312031		
141	93.7	67.1	100.7	
115	45.0	30.7	46.1	

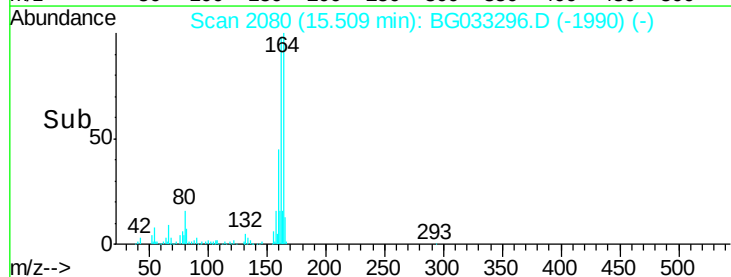
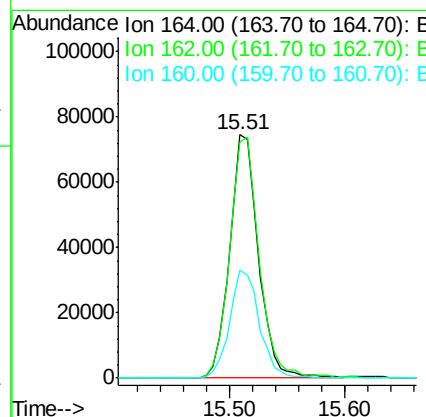
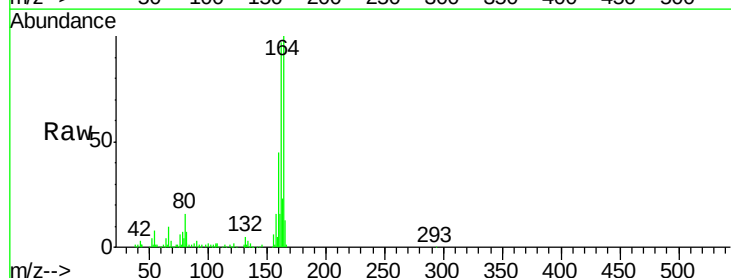
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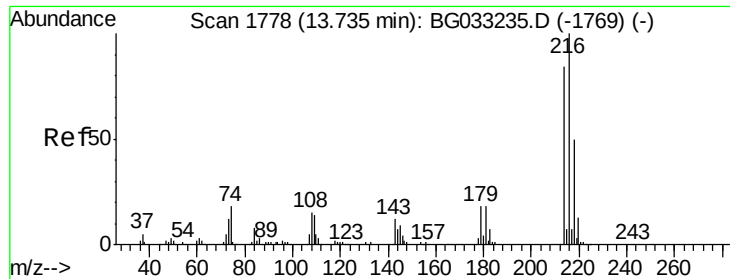
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128476		
162	96.9	78.8	118.2	
160	44.6	35.4	53.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.592 ng

RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

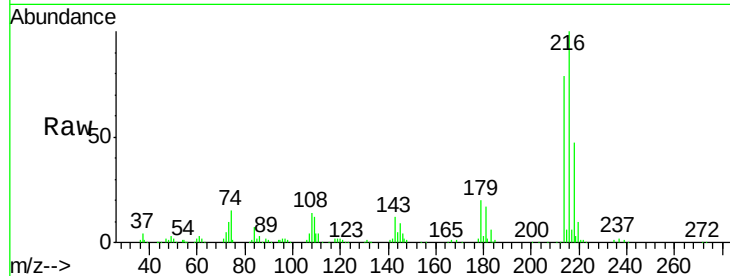
ClientSampleId :

OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	212174		
214	79.1	63.0	94.4	
179	19.9	17.0	25.6	
108	17.1	12.8	19.2	

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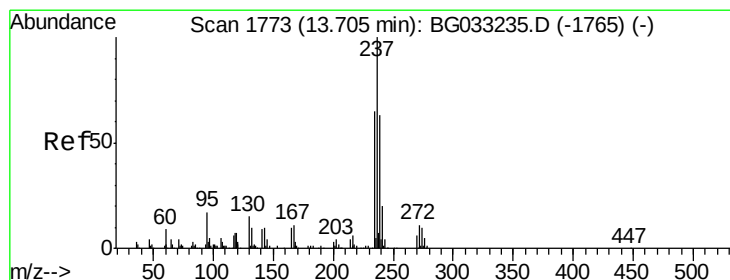
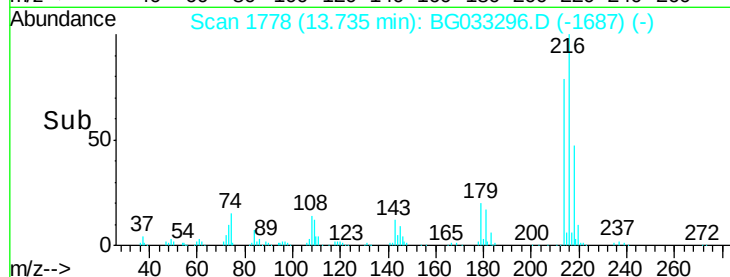
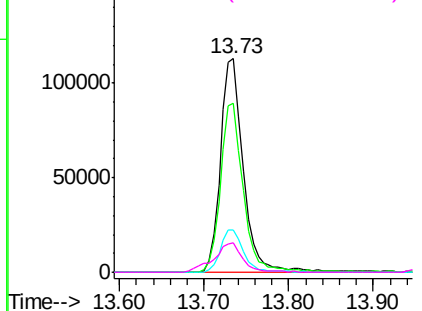


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.018 ng

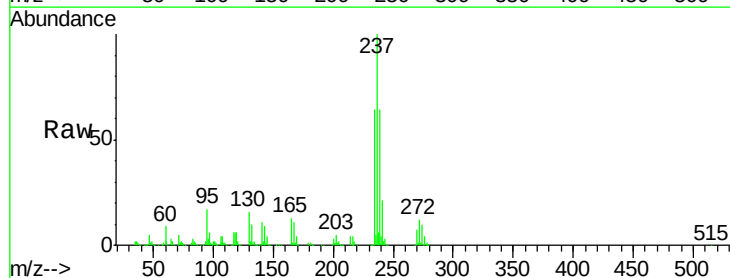
RT: 13.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

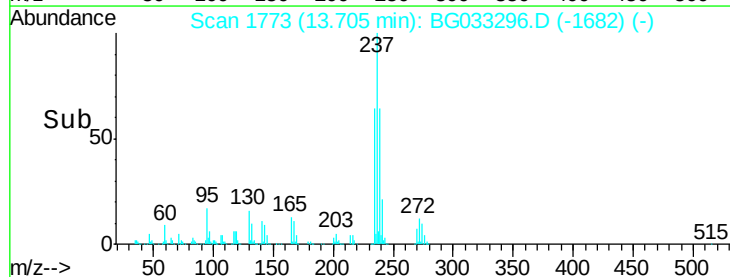
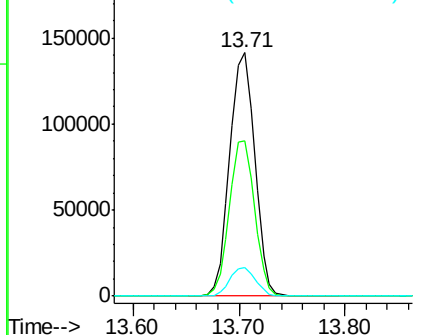
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	231941		
235	64.0	50.4	90.4	
272	12.0	0.0	31.8	

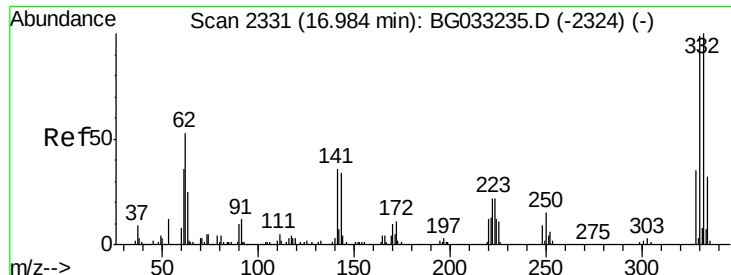


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 153.705 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

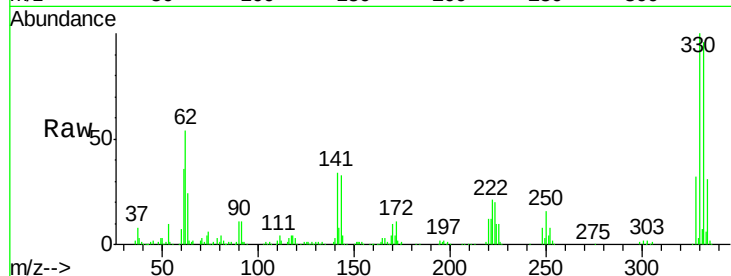
ClientSampleId :

OR-03-032018-AMS

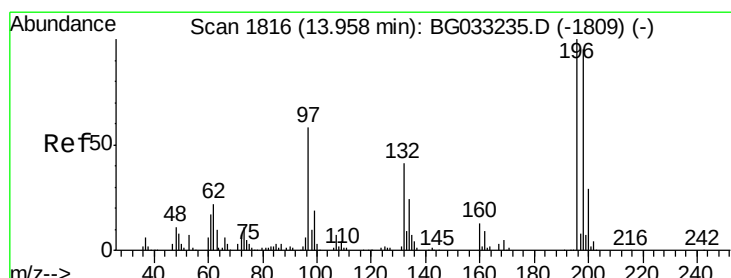
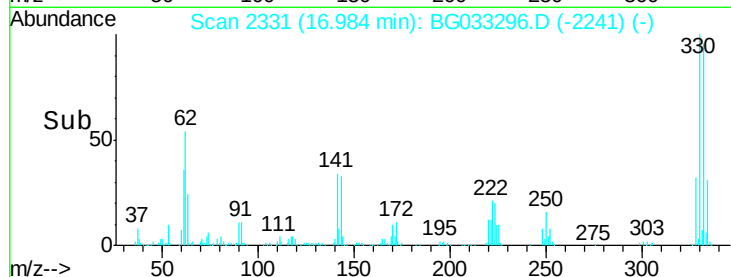
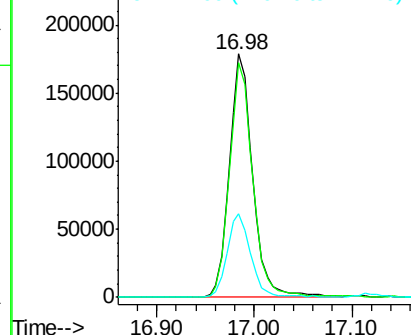
Tot Ion:	330	Resp:	295345
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	35.0	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 51.216 ng

RT: 13.96 min Scan# 1816

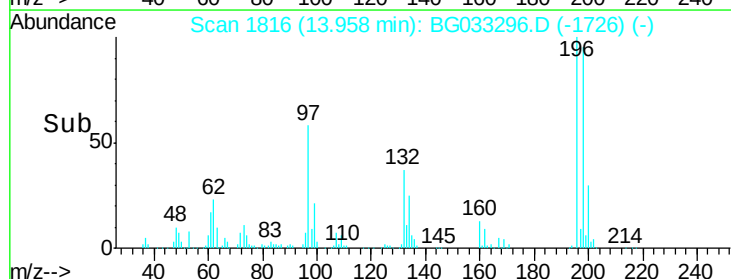
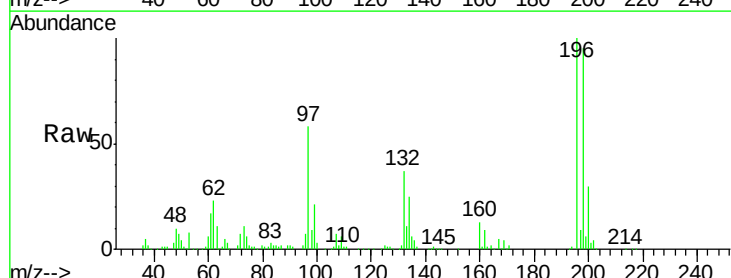
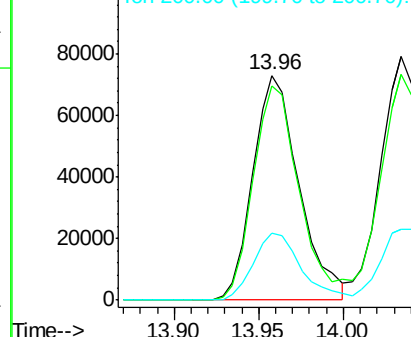
Delta R.T. -0.00 min

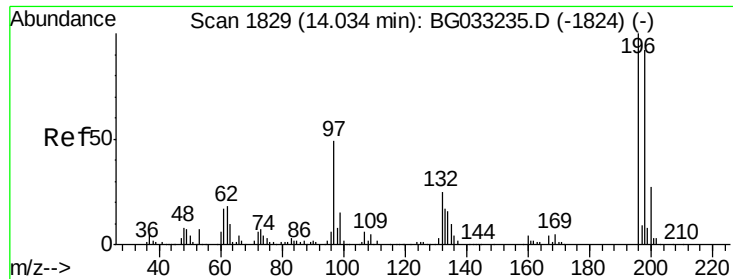
Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	196	Resp:	138479
Ion Ratio	Lower	Upper	
196	100		
198	95.1	78.2	117.2
200	29.9	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





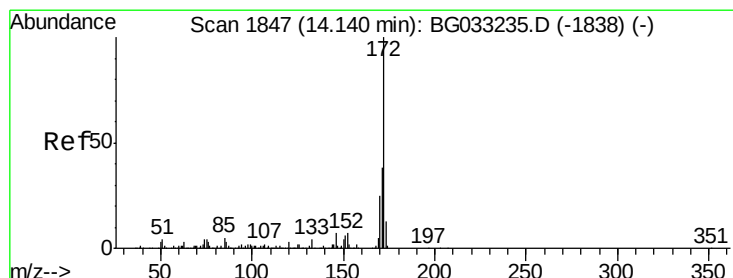
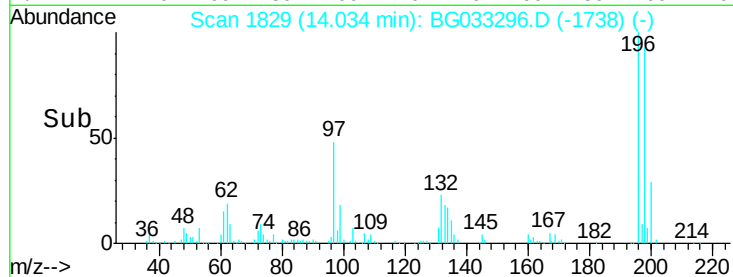
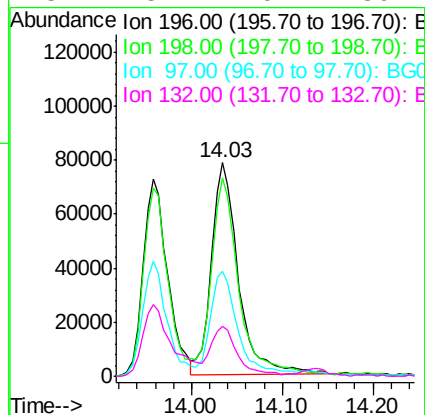
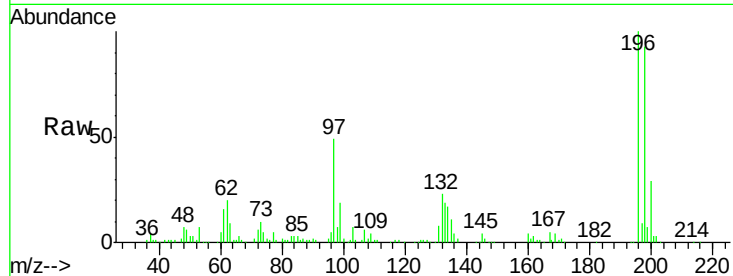
#43
 2,4,5-Trichlorophenol
 Concen: 50.959 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		162861		
198	92.9	76.2	114.4		
97	49.0	38.7	58.1		
132	23.1	20.2	30.2		

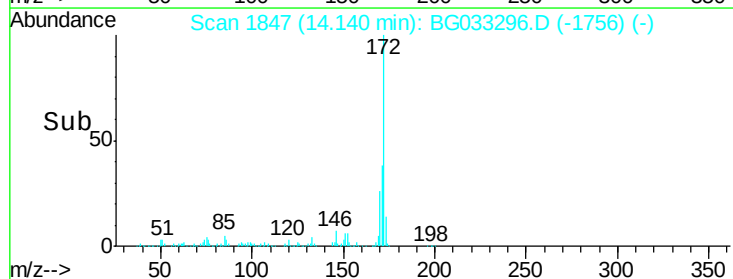
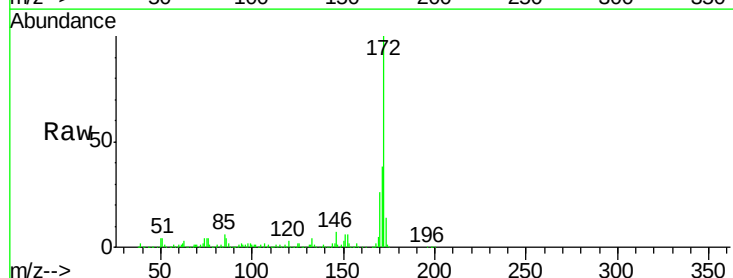
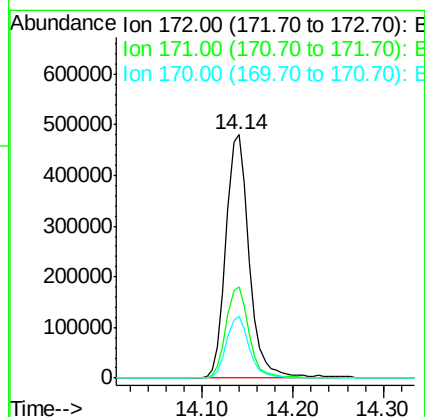
Manual Integrations
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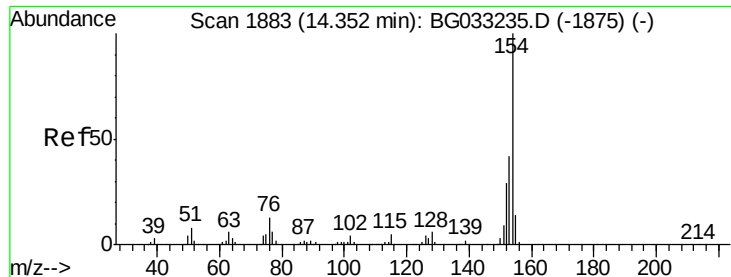
Sohil
 3/23/2018 3:45:12 PM



#44
 2-Fluorobiphenyl
 Concen: 96.879 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		862172		
171	37.7	30.0	45.0		
170	25.6	19.5	29.3		





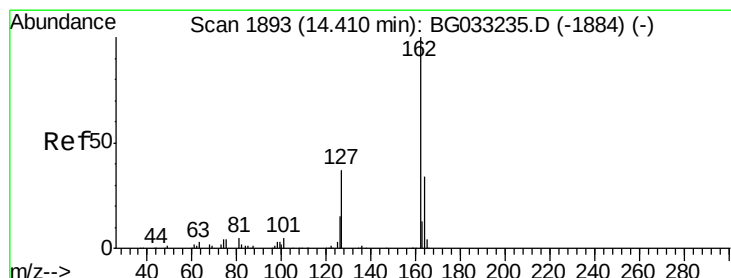
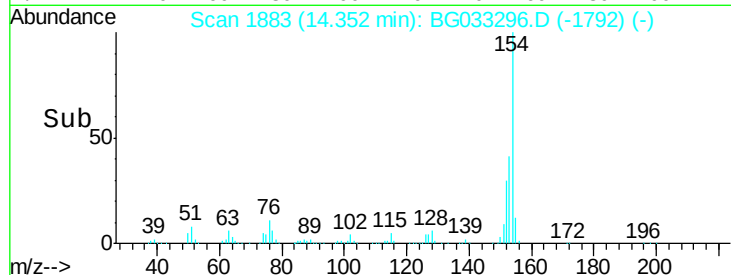
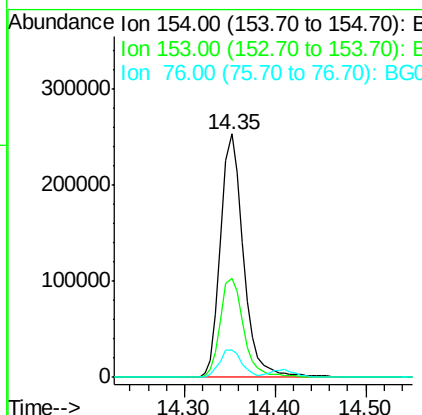
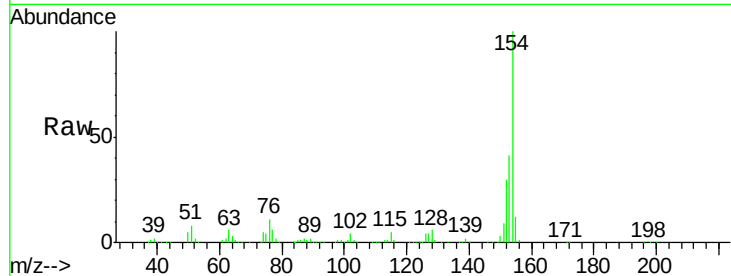
#45
 1,1'-Biphenyl
 Concen: 45.053 ng
 RT: 14.35 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	11.3	0.0	31.9

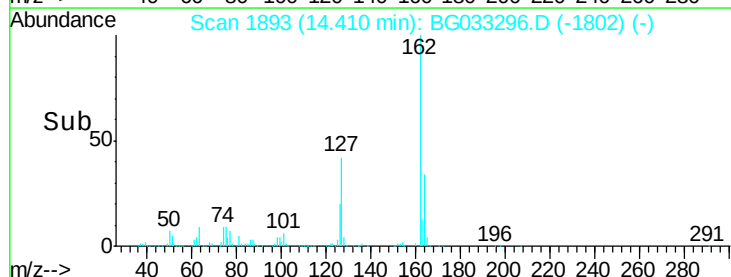
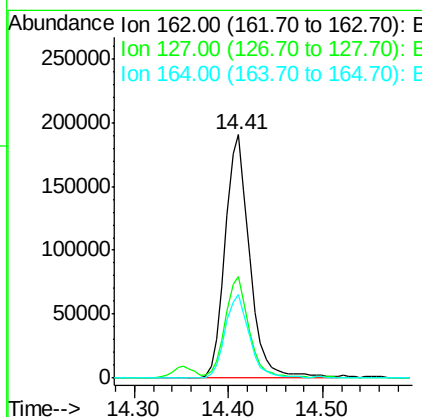
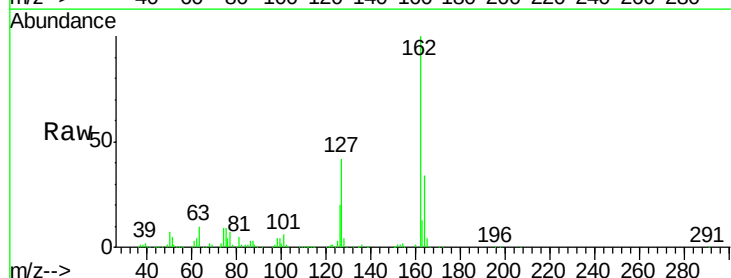
Manual Integrations
 APPROVED

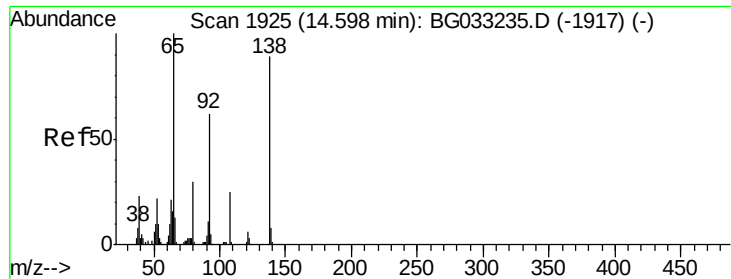
Sohil
 3/23/2018 3:45:12 PM



#46
 2-Chloronaphthalene
 Concen: 45.537 ng
 RT: 14.41 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.7	46.1
164	34.2	26.0	39.0





#47

2-Nitroaniline

Concen: 50.144 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

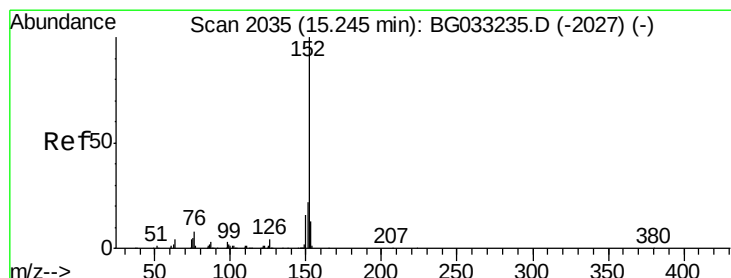
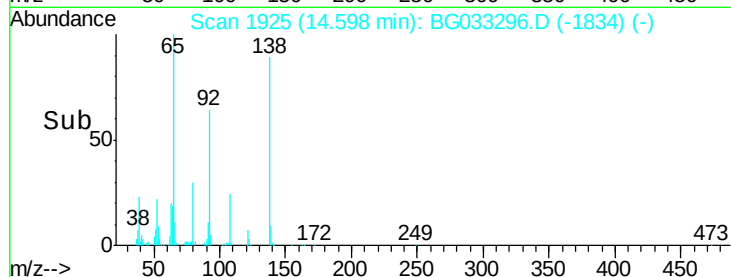
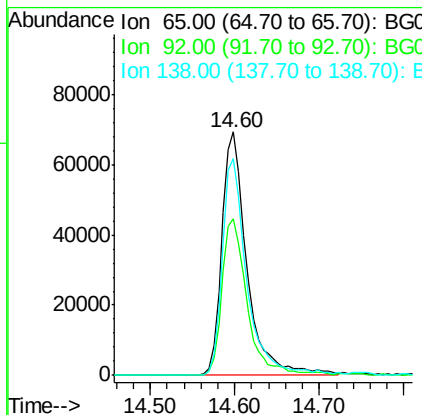
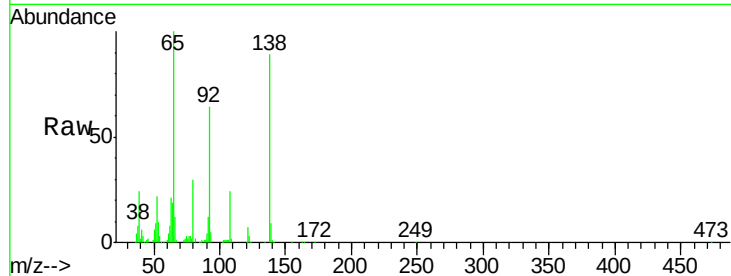
ClientSampleId :

OR-03-032018-AMS

Tot Ion:	65	Resp:	142941
Ion Ratio	Lower	Upper	
65	100		
92	64.2	54.6	82.0
138	88.9	72.9	109.3

Manual Integrations
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Sohil
3/23/2018 3:45:12 PM



#48

Acenaphthylene

Concen: 44.962 ng

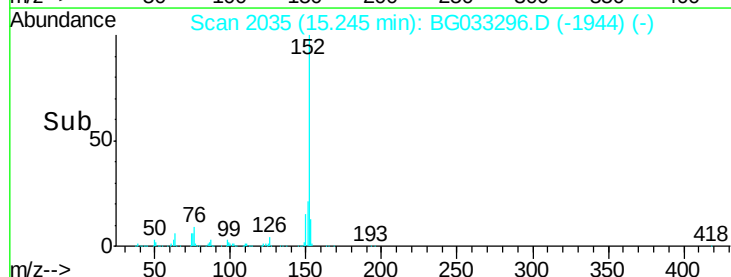
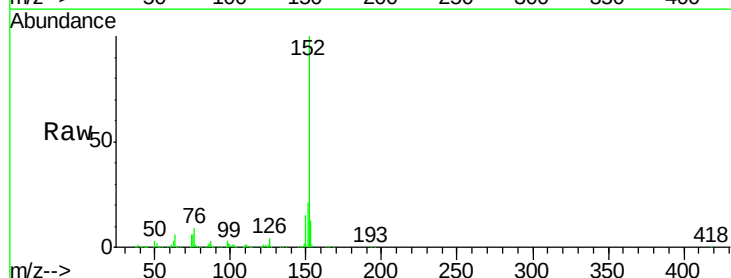
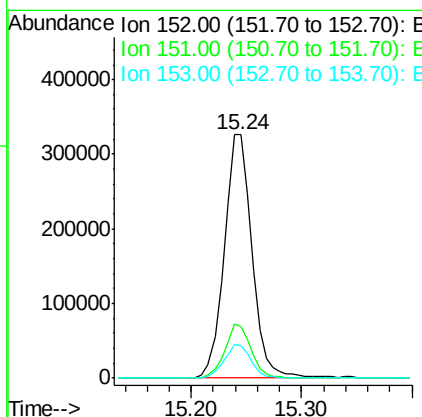
RT: 15.24 min Scan# 2035

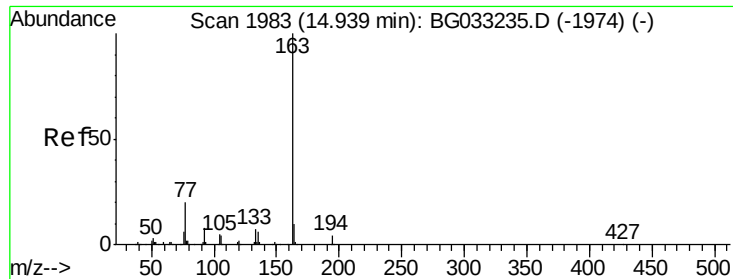
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	152	Resp:	571176
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.2	25.8
153	13.4	10.2	15.4





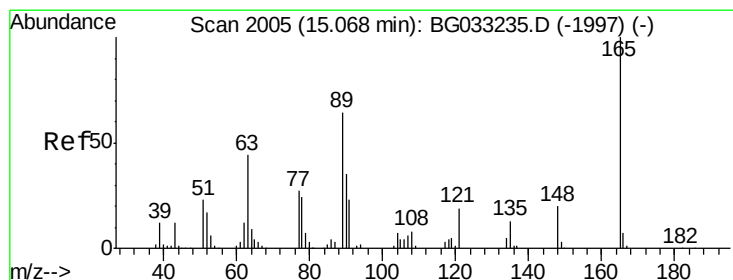
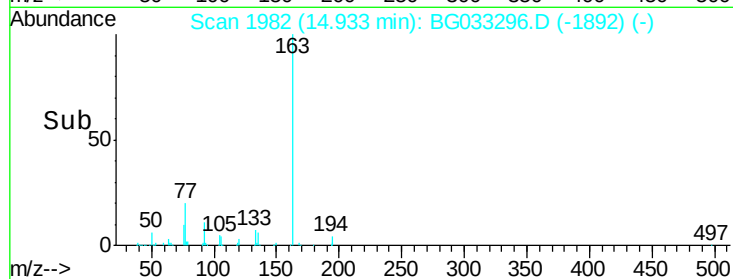
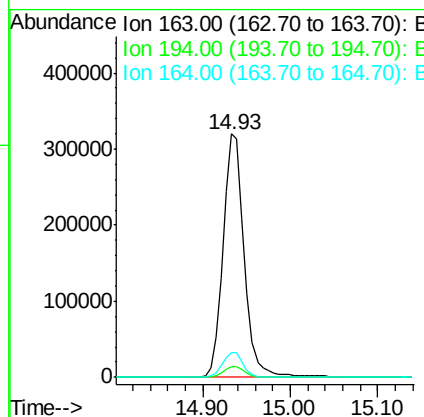
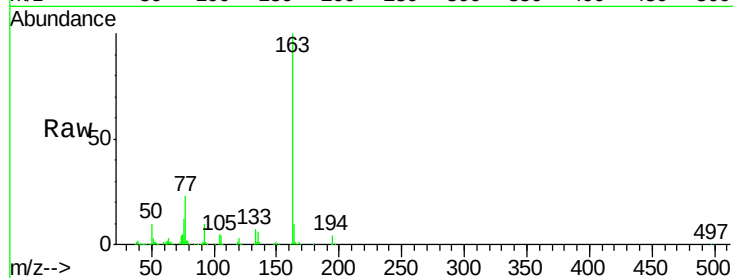
#49
Dimethylphthalate
Concen: 47.819 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	534663		
194	4.1		3.4	5.2
164	10.3		8.2	12.4

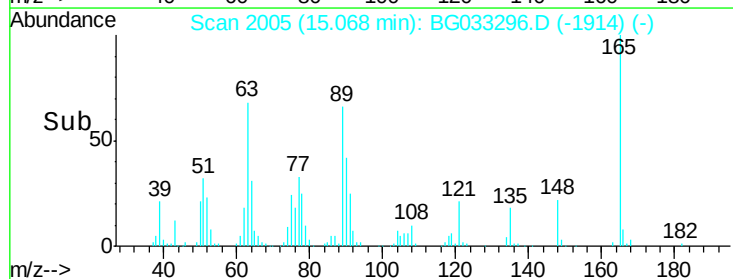
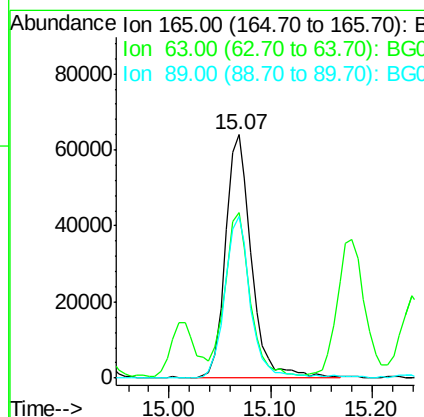
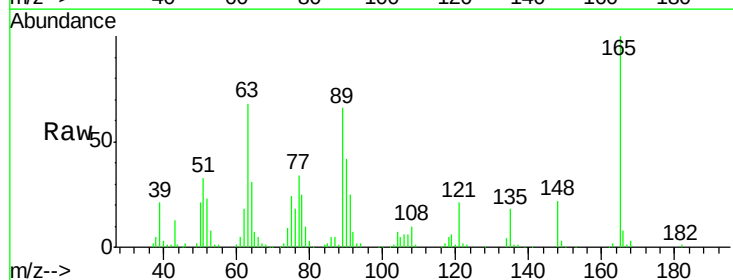
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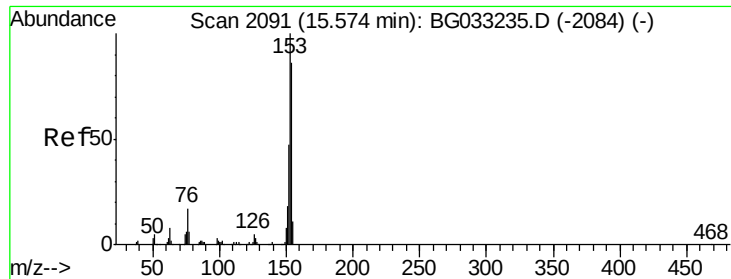
Sohil
3/23/2018 3:45:12 PM



#50
2,6-Dinitrotoluene
Concen: 49.485 ng
RT: 15.07 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113131		
63	68.1		52.7	79.1
89	66.4		49.2	73.8





#51

Acenaphthene

Concen: 45.278 ng

RT: 15.57 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

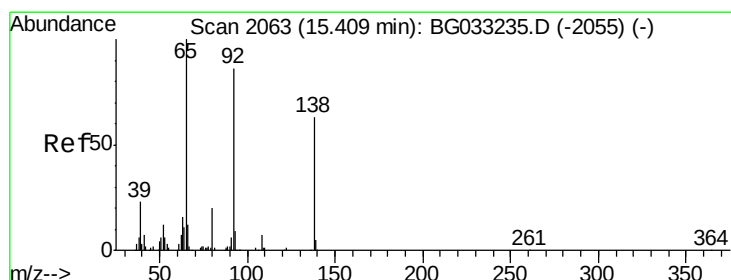
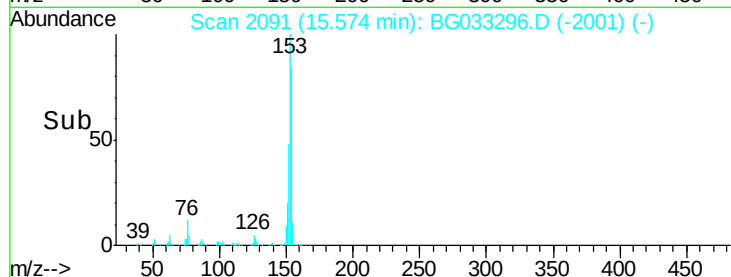
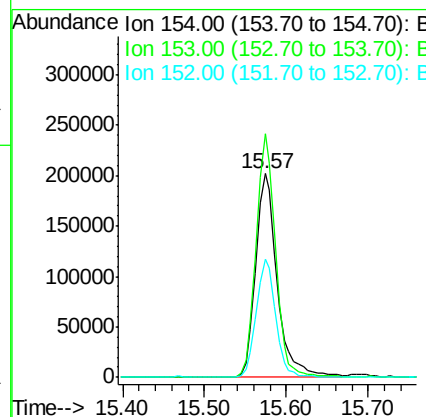
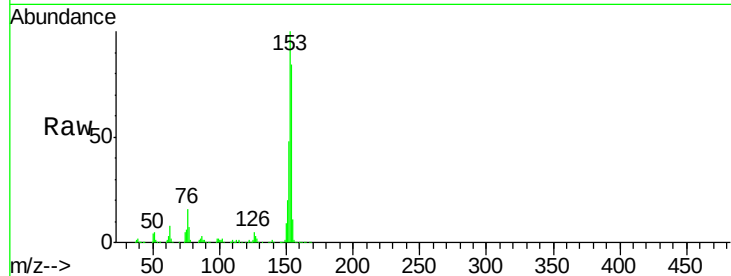
ClientSampleId :

OR-03-032018-AMS

Tot Ion:	154	Resp:	370794
Ion	Ratio	Lower	Upper
154	100		
153	119.5	90.4	135.6
152	57.7	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 11.378 ng

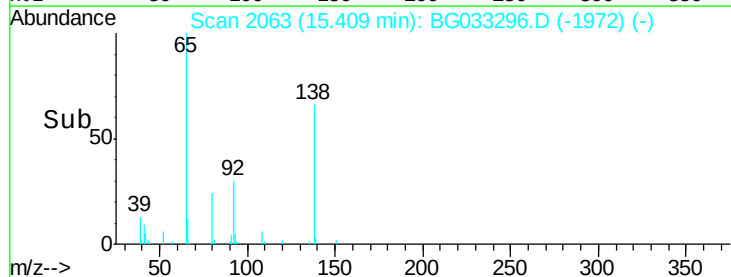
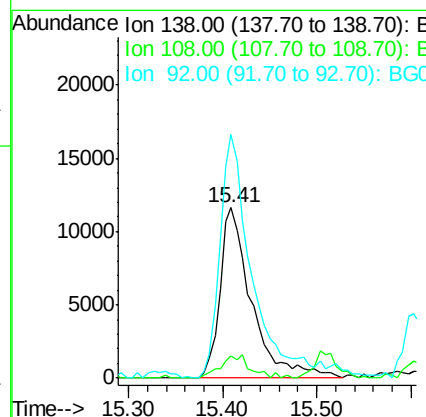
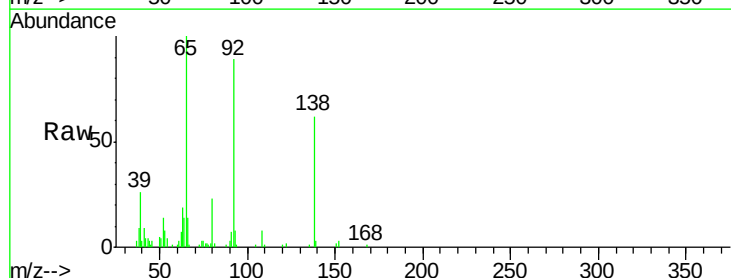
RT: 15.41 min Scan# 2063

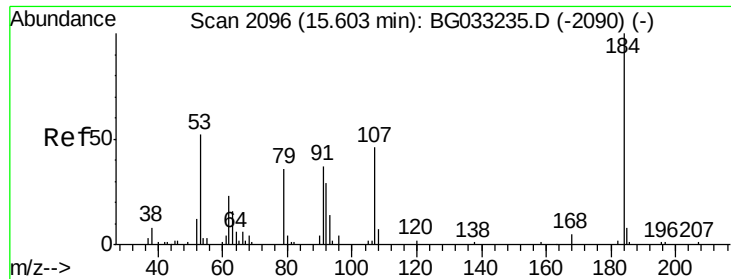
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	138	Resp:	27270
Ion	Ratio	Lower	Upper
138	100		
108	13.3	17.5	26.3#
92	142.8	105.8	158.8





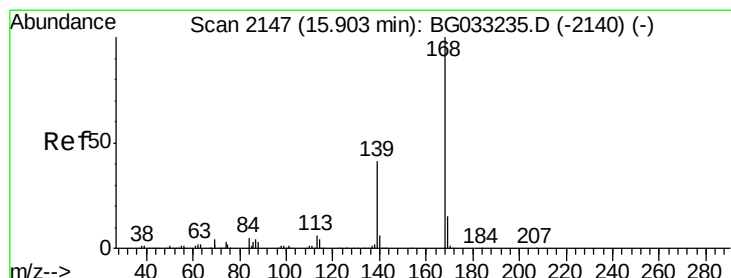
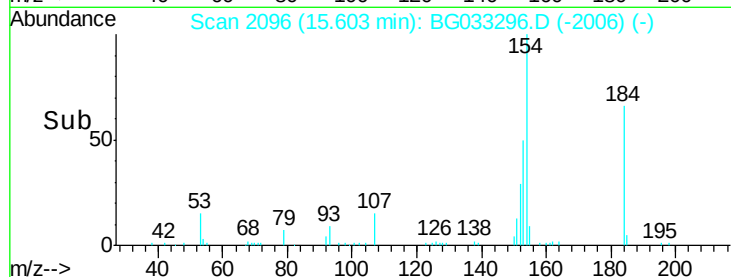
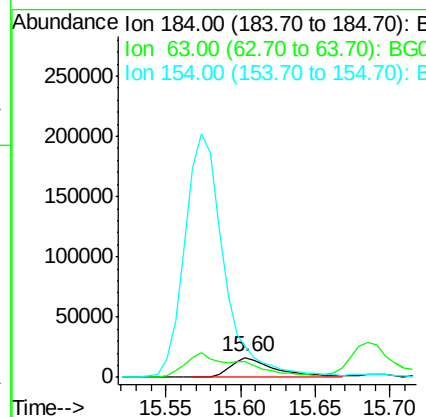
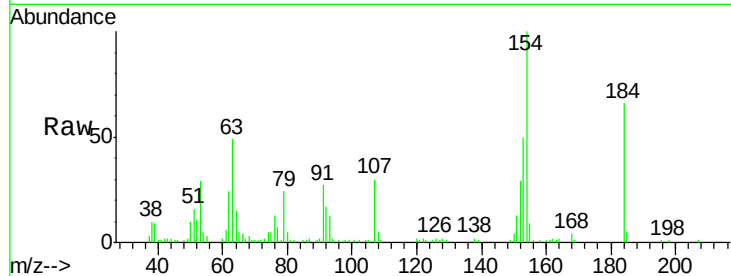
#53
2,4-Dinitrophenol
Concen: 33.998 ng
RT: 15.60 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.1	59.8	89.8
154	152.3	101.8	152.8

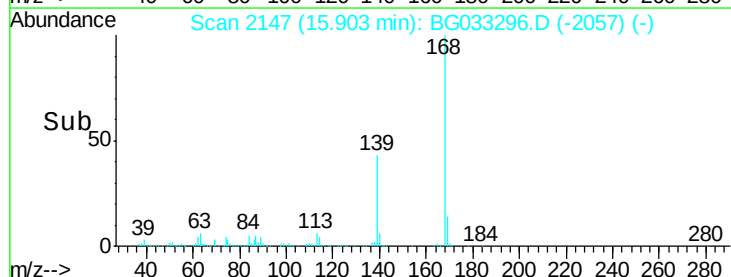
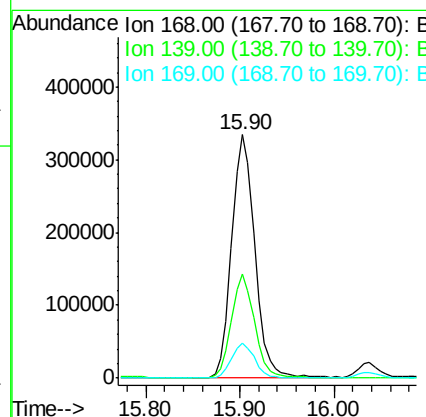
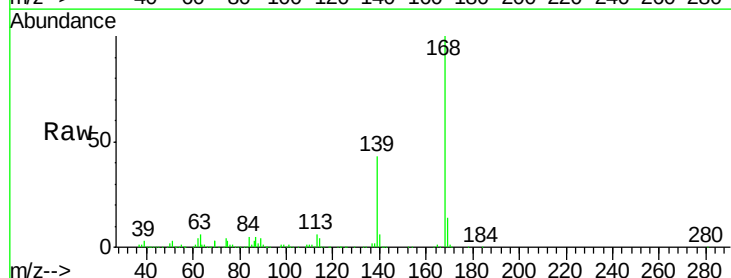
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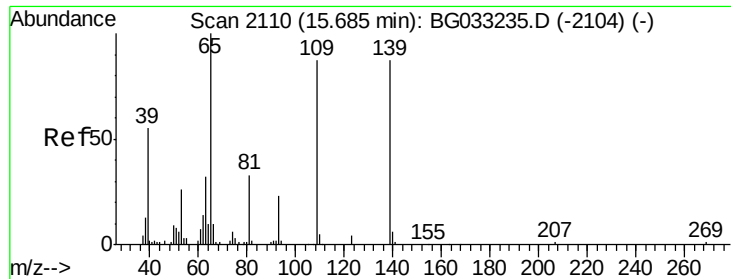
Sohil
3/23/2018 3:45:12 PM



#54
Dibenzofuran
Concen: 47.475 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.5	28.6	43.0
169	14.2	11.2	16.8





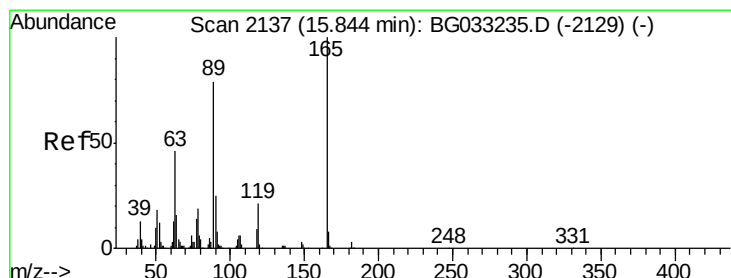
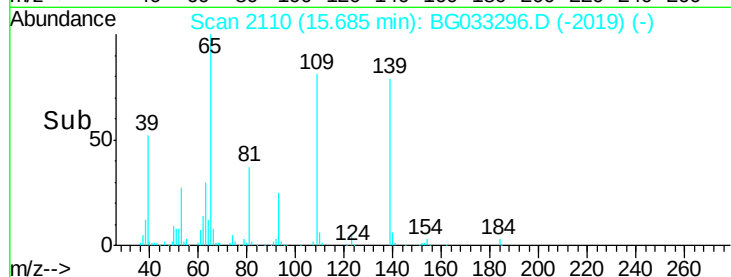
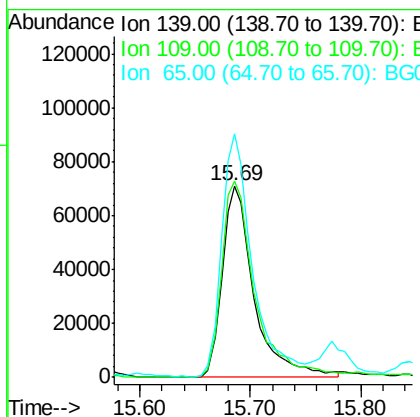
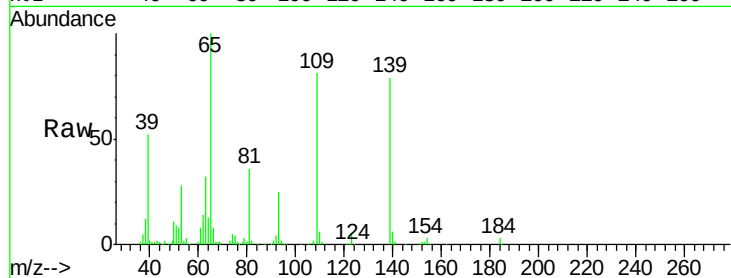
#55
4-Nitrophenol
Concen: 84.929 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	102.7	62.2	102.2#
65	127.0	97.2	137.2

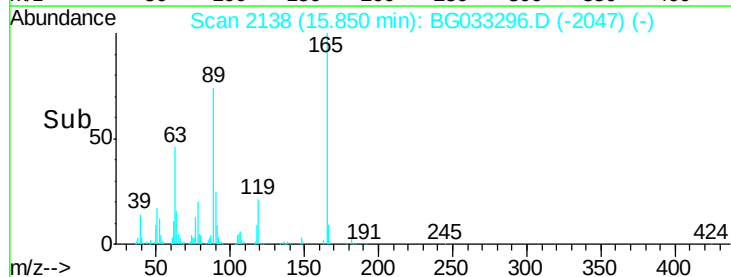
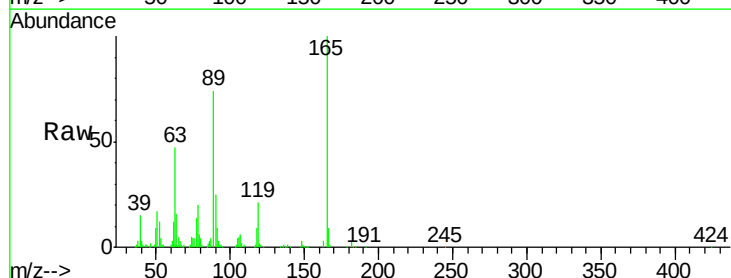
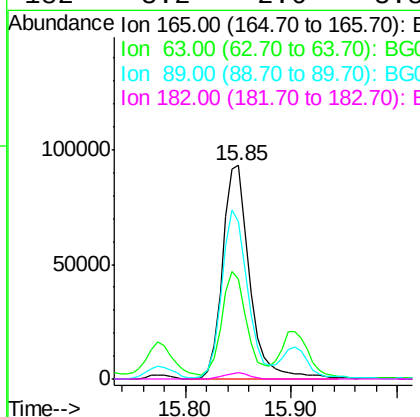
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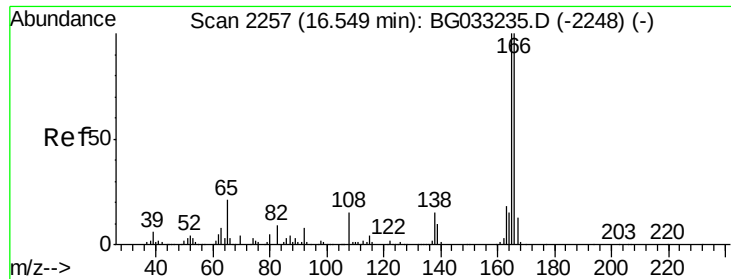
Sohil
3/23/2018 3:45:12 PM



#56
2,4-Dinitrotoluene
Concen: 49.446 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.8	42.0	63.0
89	73.8	66.9	100.3
182	3.2	2.6	3.8





#57

Fluorene

Concen: 46.858 ng

RT: 16.54 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

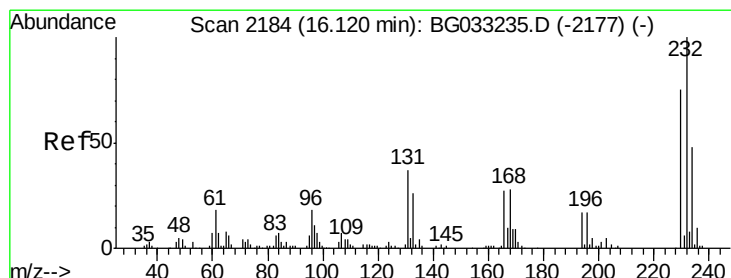
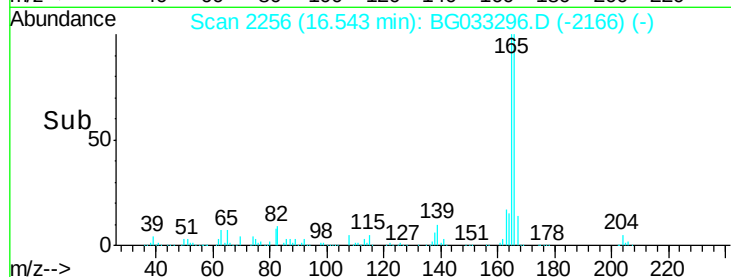
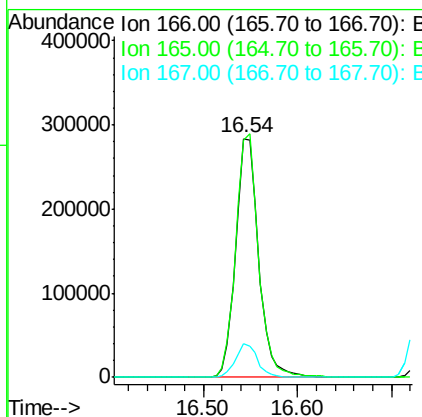
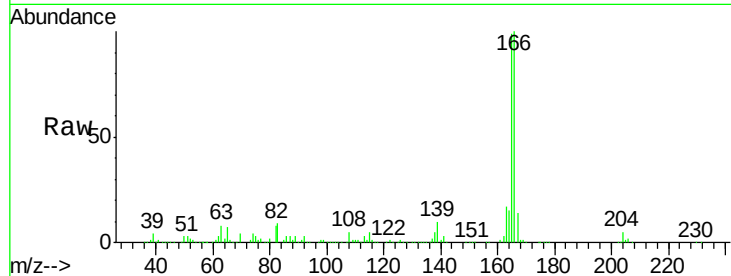
ClientSampleId :

OR-03-032018-AMS

Tot Ion:	166	Resp:	482888
Ion Ratio	Lower	Upper	
166	100		
165	99.3	80.6	121.0
167	14.3	10.4	15.6

Manual Integrations
APPROVED

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3/23/2018 3:45:12 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.972 ng

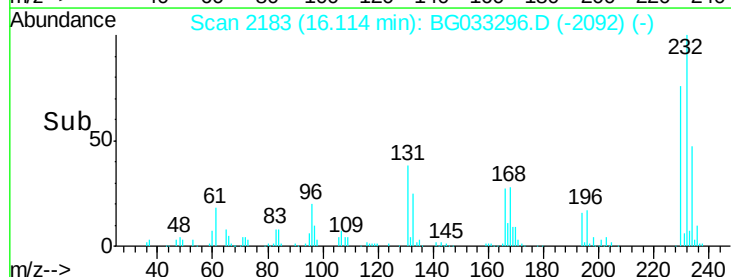
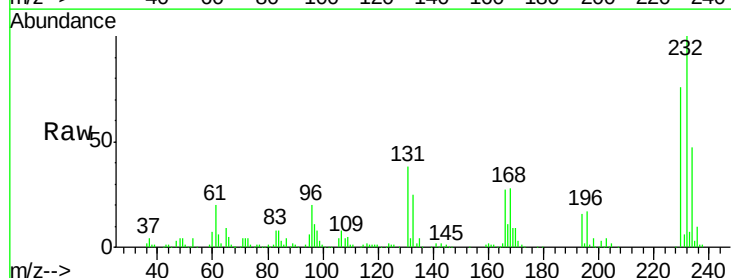
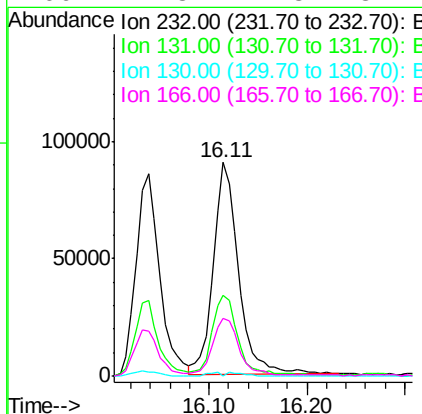
RT: 16.11 min Scan# 2183

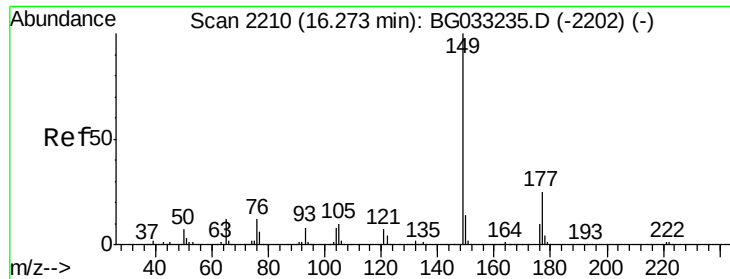
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	232	Resp:	162386
Ion Ratio	Lower	Upper	
232	100		
131	38.1	33.5	50.3
130	1.0	2.2	3.2#
166	27.8	24.8	37.2





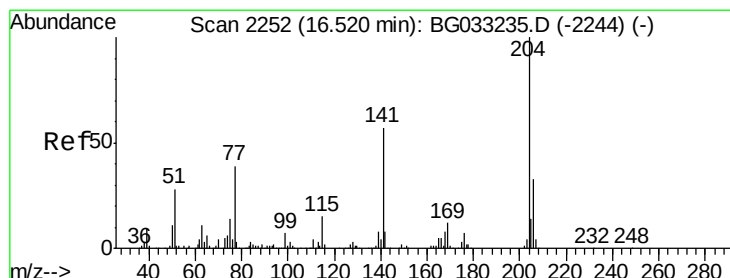
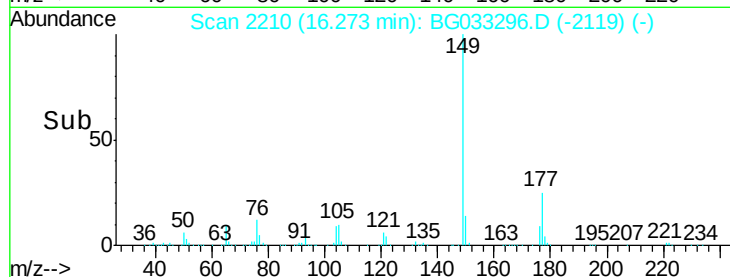
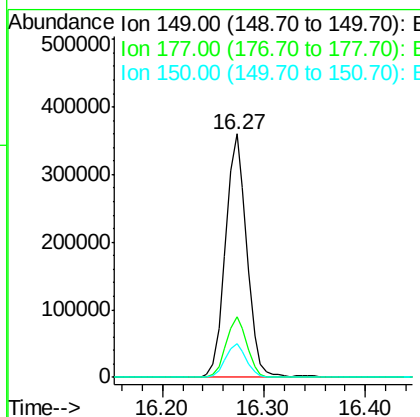
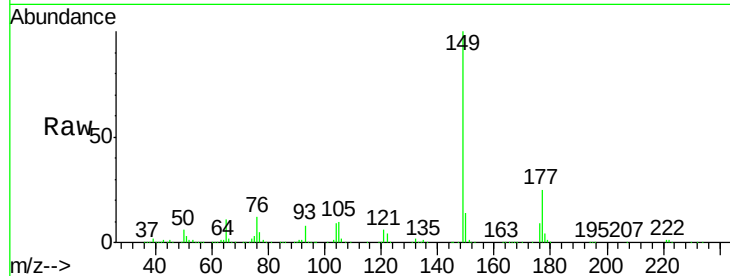
#59
Diethylphthalate
Concen: 48.409 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	525569		
177	24.9	18.5	27.7	
150	13.8	10.2	15.2	

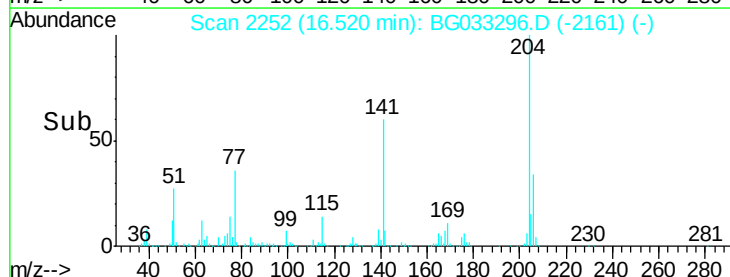
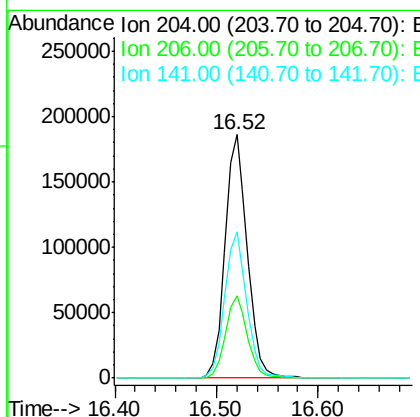
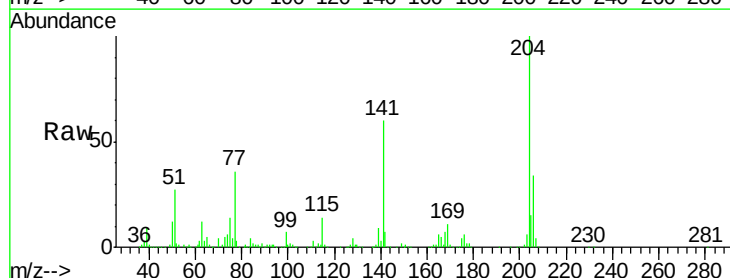
Manual Integrations
APPROVED

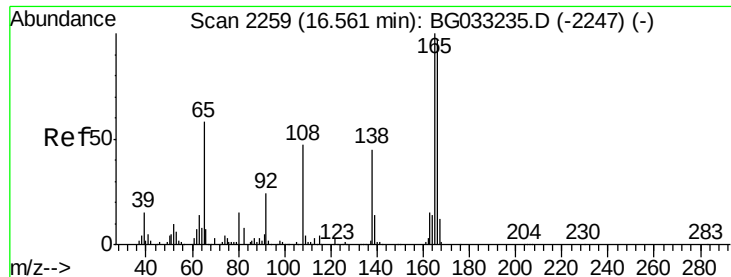
Sohil
3/23/2018 3:45:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.704 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282596		
206	33.7	26.2	39.2	
141	59.9	45.8	68.6	





#61

4-Nitroaniline

Concen: 33.409 ng

RT: 16.56 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

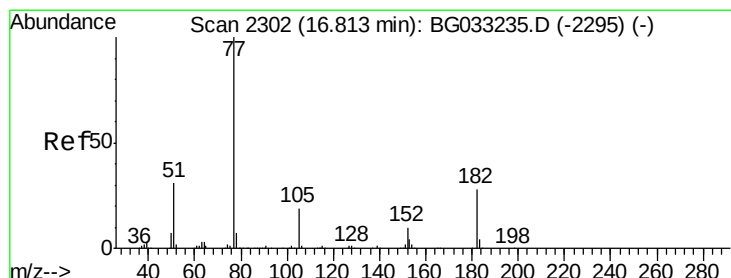
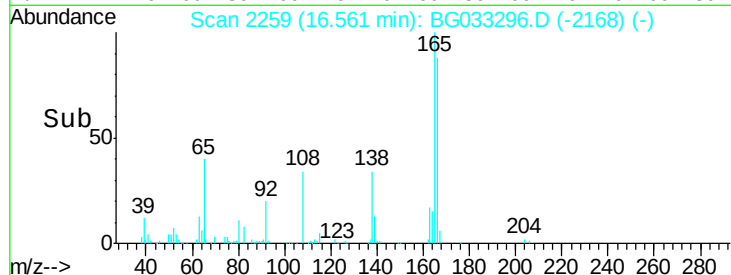
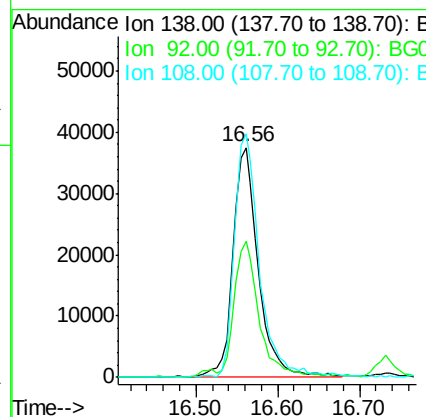
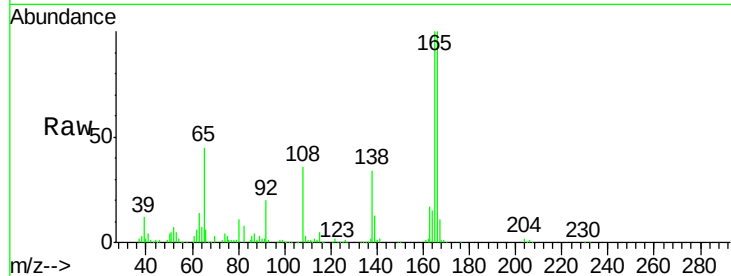
ClientSampleId :

OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.0	40.1	80.1
108	105.9	65.4	105.4

Manual Integrations
APPROVED

Sohil
3/23/2018 3:45:12 PM



#62

Azobenzene

Concen: 48.893 ng

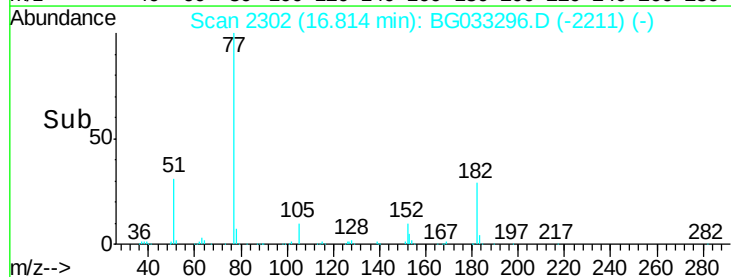
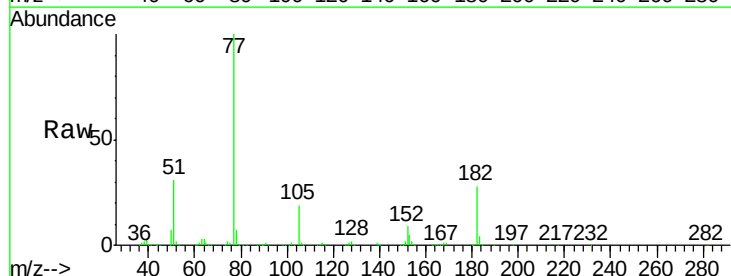
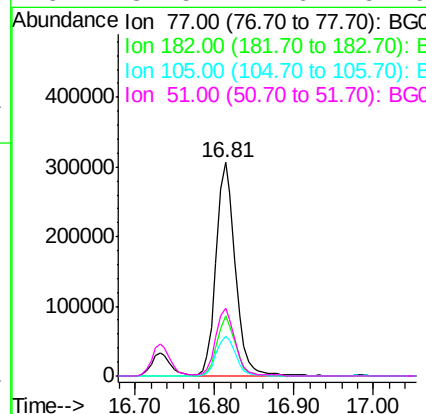
RT: 16.81 min Scan# 2302

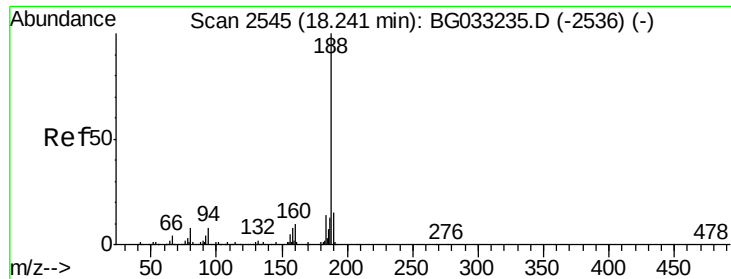
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.4	47.4
105	18.6	0.3	40.3
51	31.5	11.6	51.6





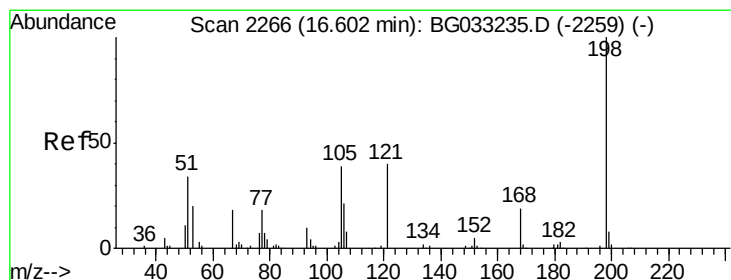
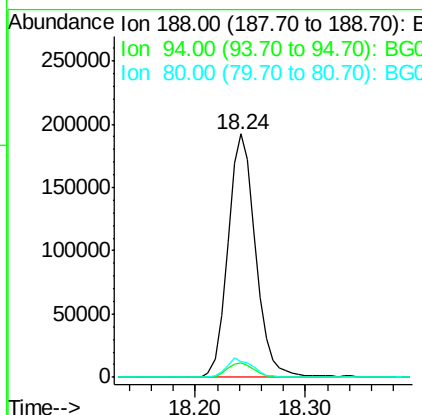
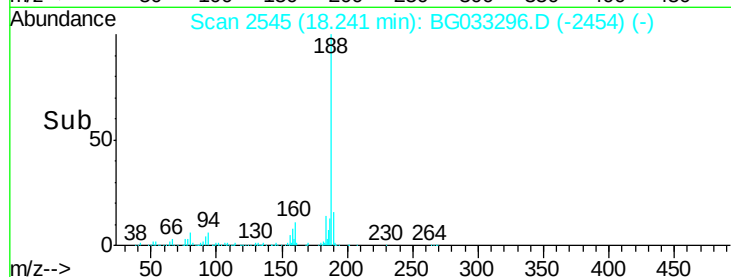
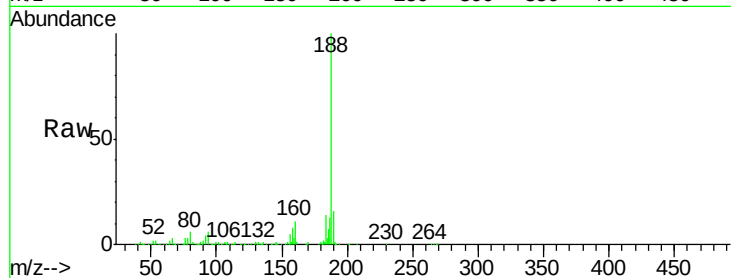
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	337220		
94	6.2		6.9	10.3#
80	6.5		7.7	11.5#

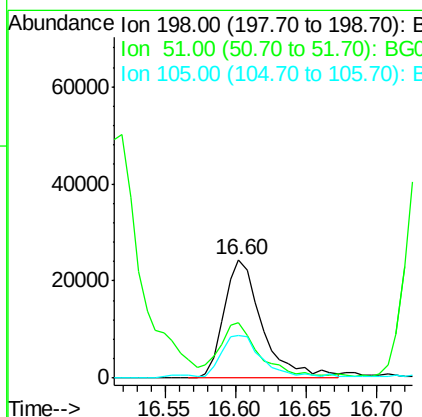
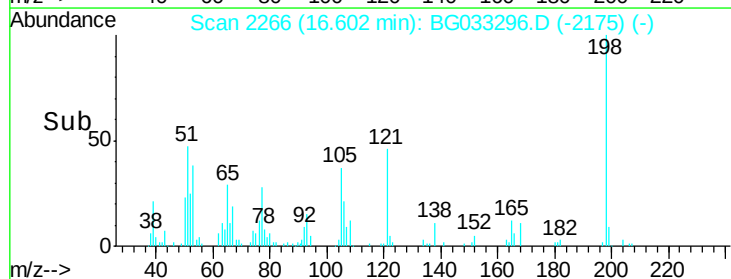
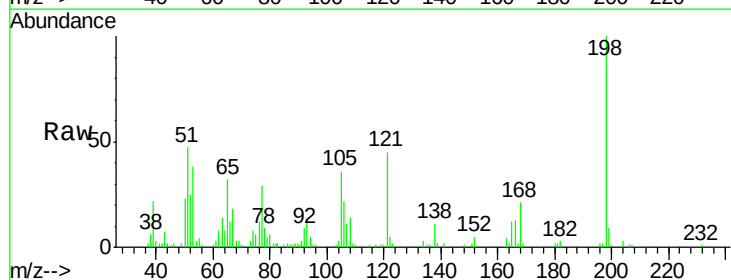
Manual Integrations
APPROVED

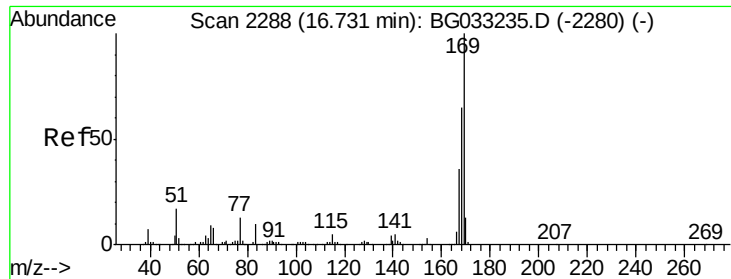
Sohil
3/23/2018 3:45:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 22.730 ng
RT: 16.60 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45854		
51	46.7		30.6	70.6
105	36.1		23.8	63.8





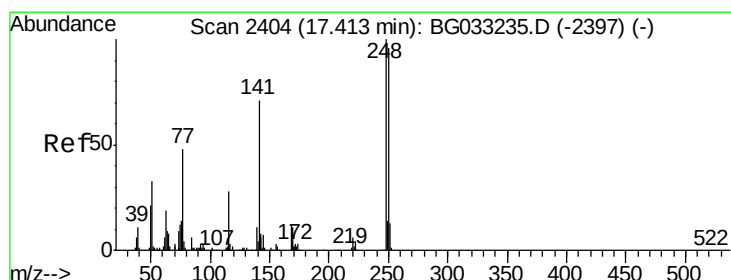
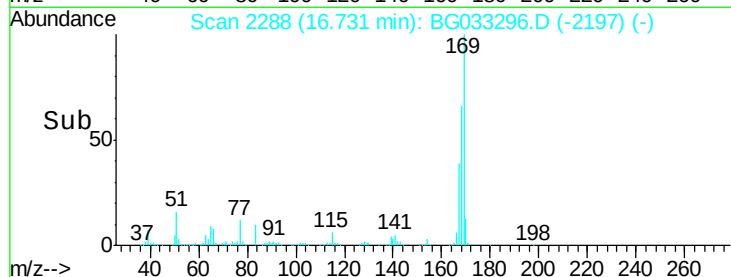
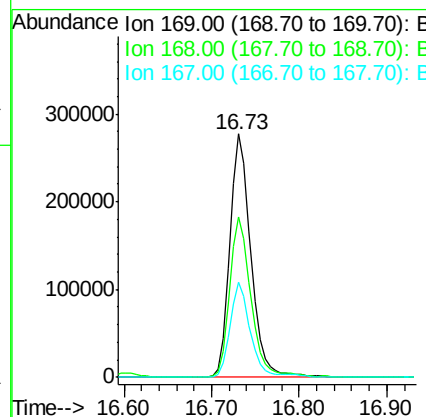
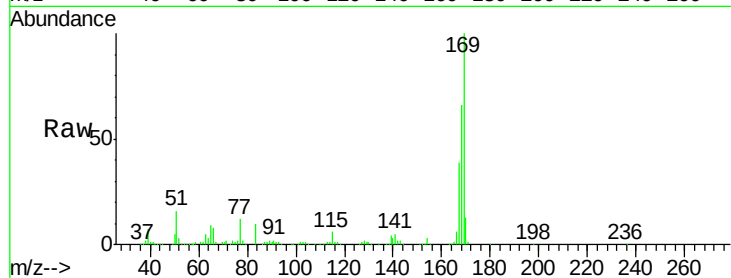
#65
n-Nitrosodiphenylamine
Concen: 47.143 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	55.7	83.5
167	38.9	30.1	45.1

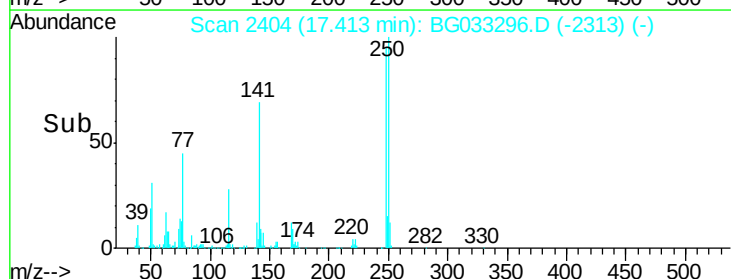
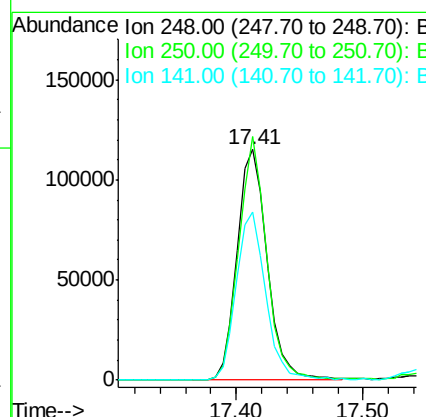
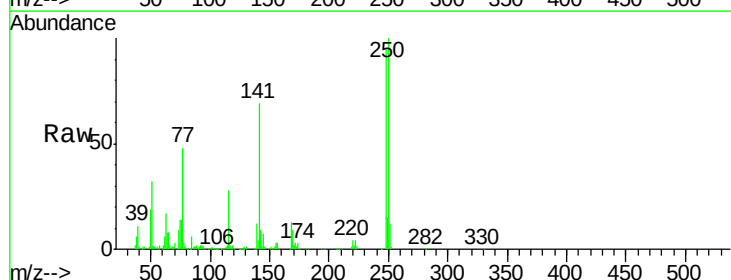
Manual Integrations
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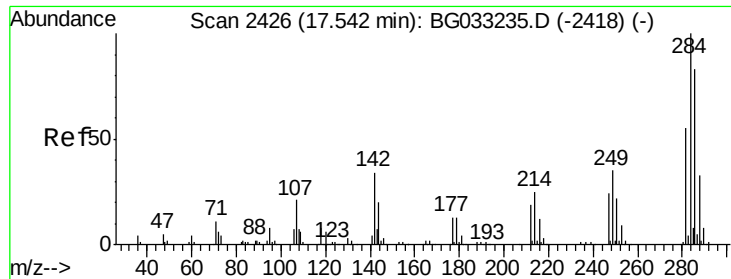
Sohil
3/23/2018 3:45:12 PM



#66
4-Bromophenyl-phenylether
Concen: 47.675 ng
RT: 17.41 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	105.6	77.1	115.7
141	72.9	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.808 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

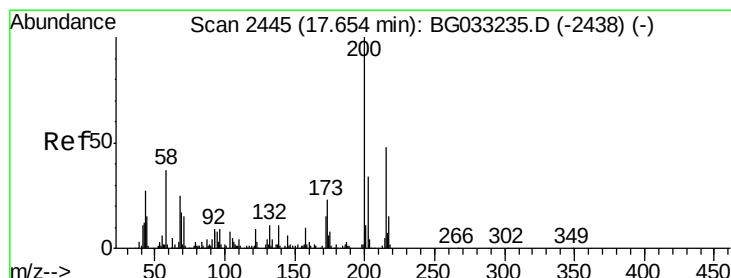
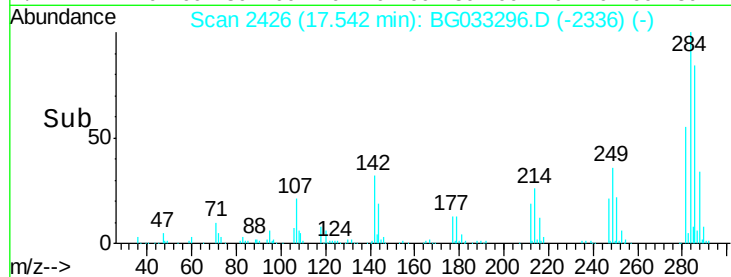
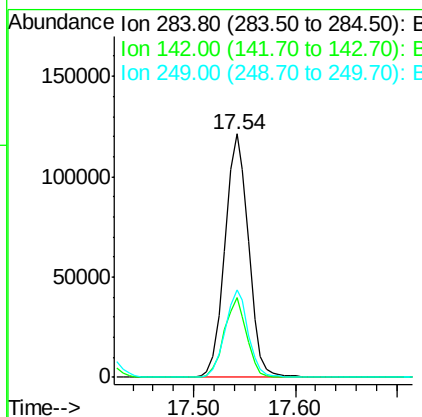
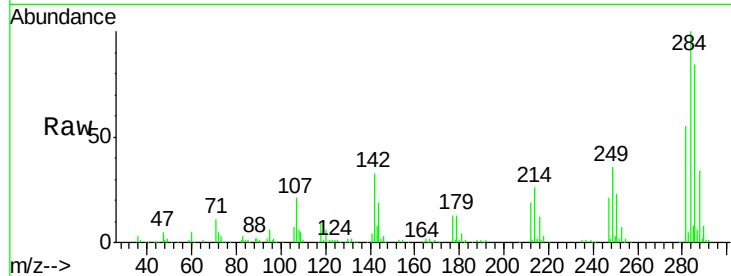
ClientSampleId :

OR-03-032018-AMS

Tot Ion:	284	Resp:	195638
Ion Ratio	Lower	Upper	
284	100		
142	32.6	26.8	40.2
249	35.8	26.3	39.5

Manual Integrations
APPROVED

Sohil
3/23/2018 3:45:12 PM



#68

Atrazine

Concen: 48.796 ng

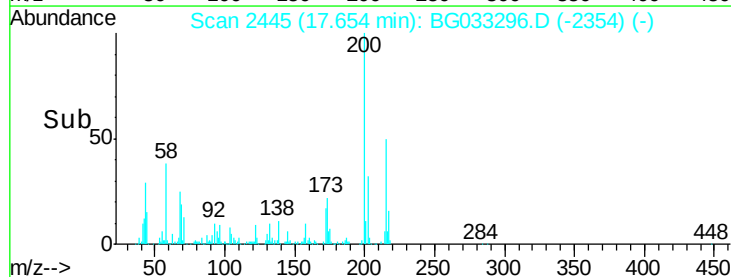
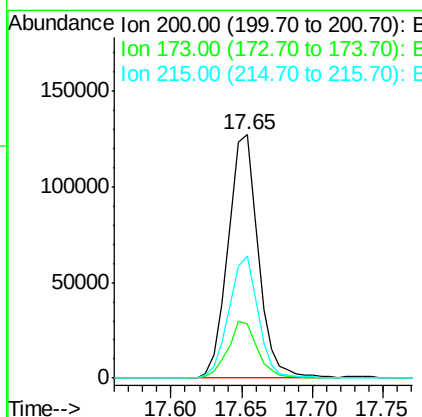
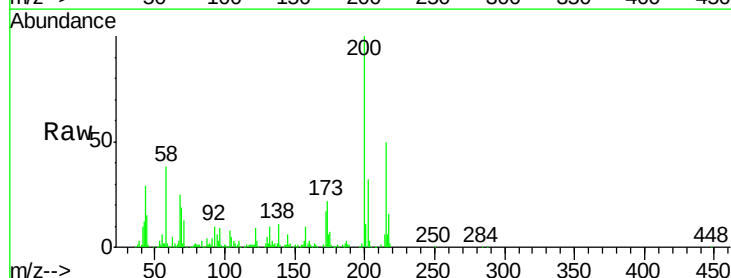
RT: 17.65 min Scan# 2445

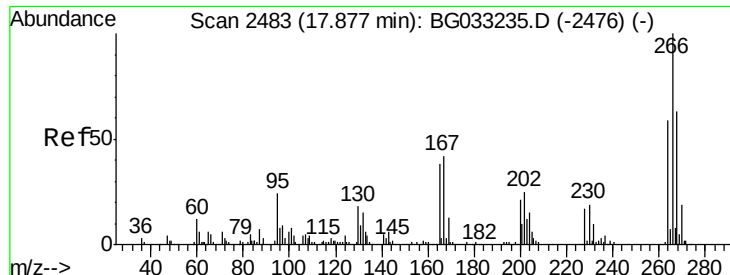
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion:	200	Resp:	190358
Ion Ratio	Lower	Upper	
200	100		
173	22.4	5.2	45.2
215	50.1	30.4	70.4





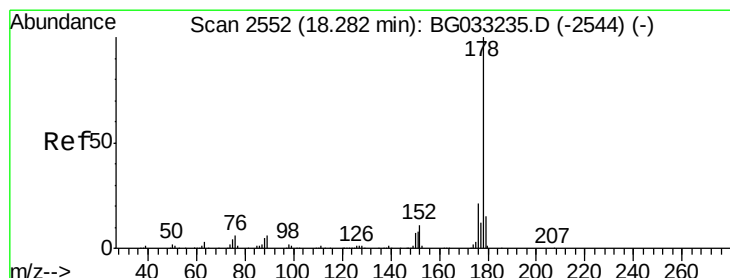
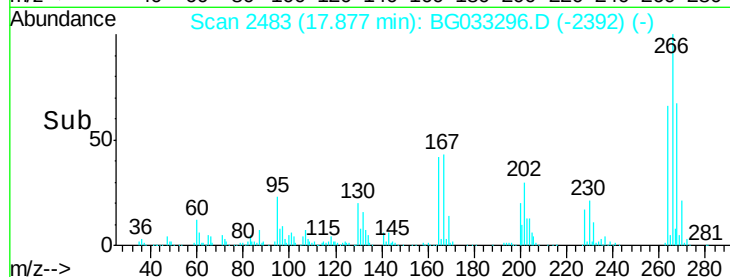
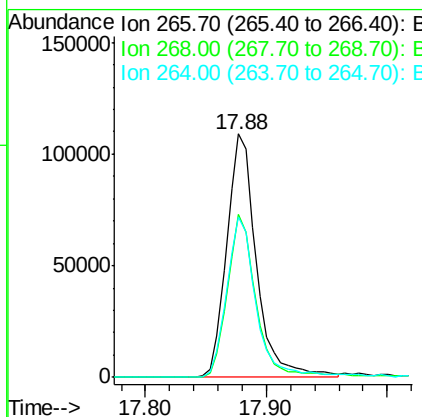
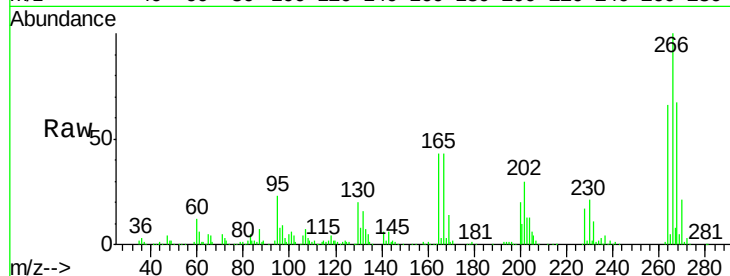
#69
 Pentachlorophenol
 Concen: 65.003 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	65.7	49.6	74.4

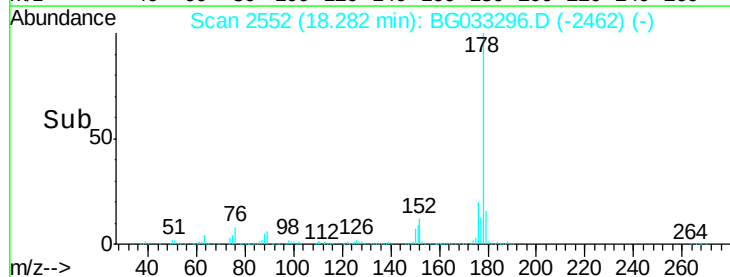
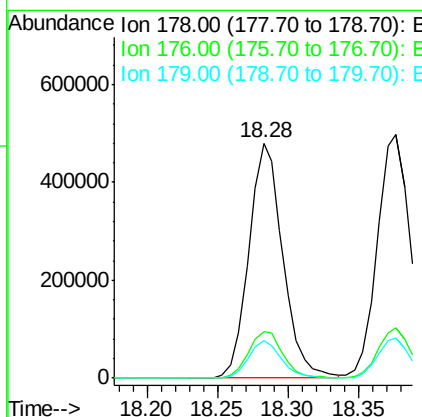
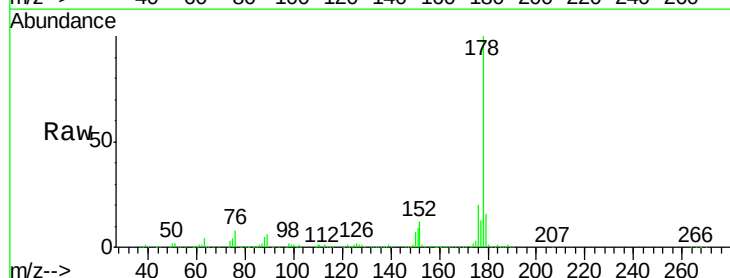
Manual Integrations
 APPROVED

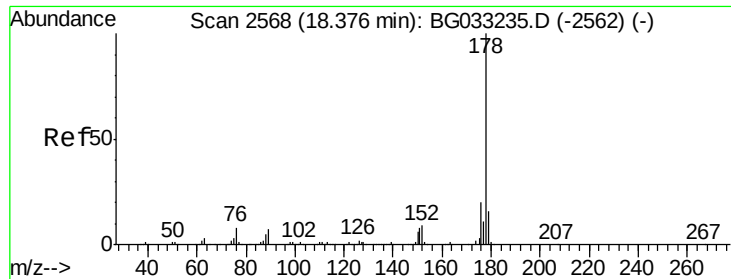
Sohil
 3/23/2018 3:45:12 PM



#70
 Phenanthrene
 Concen: 46.105 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.1	12.5	18.7





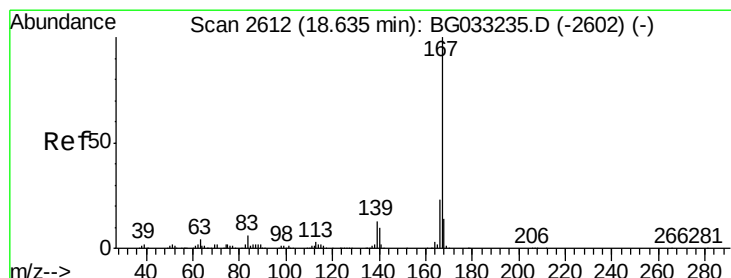
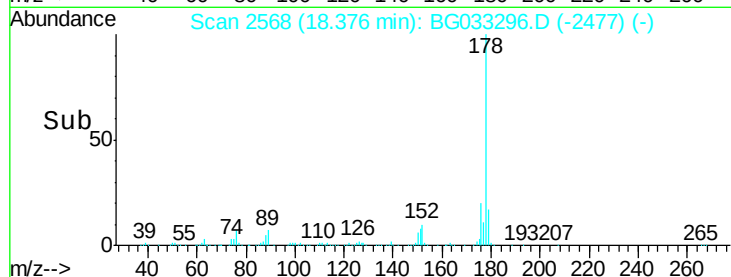
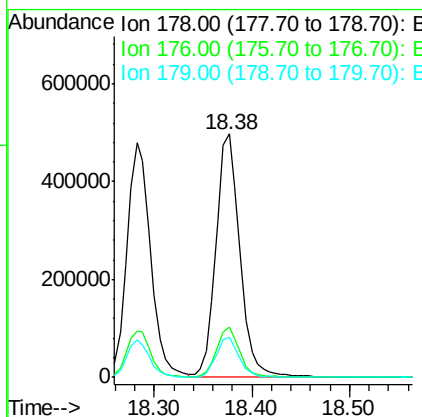
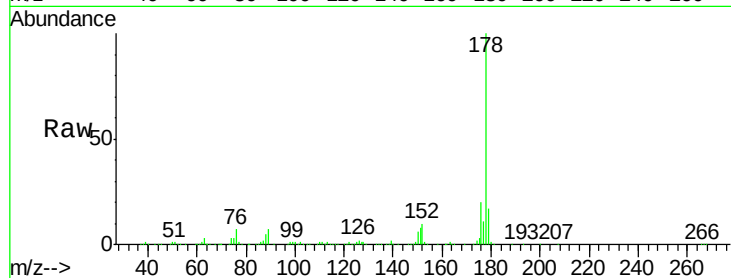
#71
 Anthracene
 Concen: 47.328 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.6	12.5	18.7

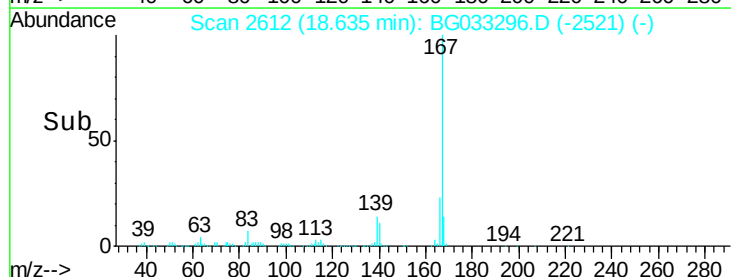
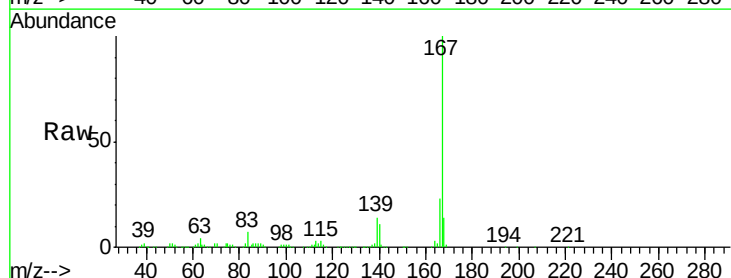
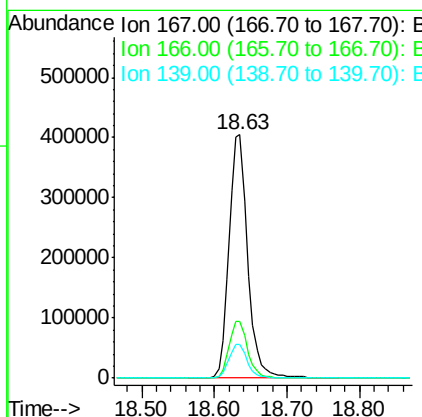
Manual Integrations
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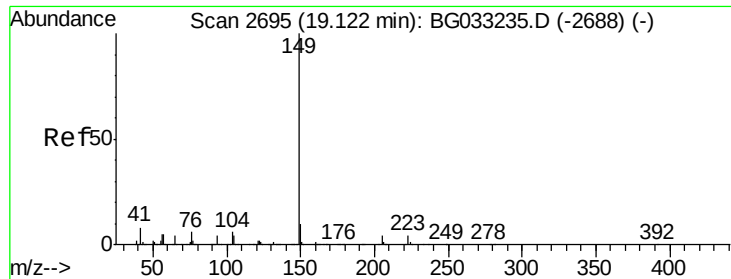
Sohil
 3/23/2018 3:45:12 PM



#72
 Carbazole
 Concen: 45.798 ng
 RT: 18.63 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	13.9	9.4	14.2





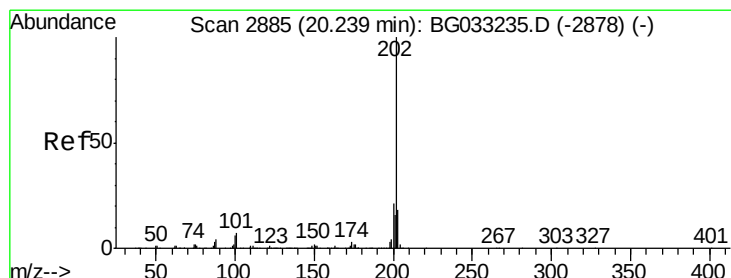
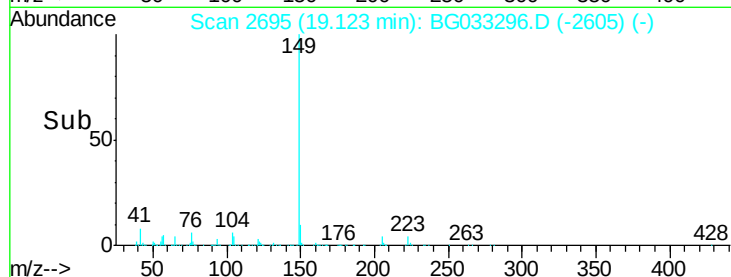
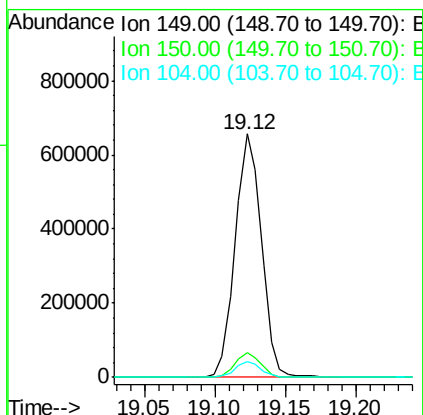
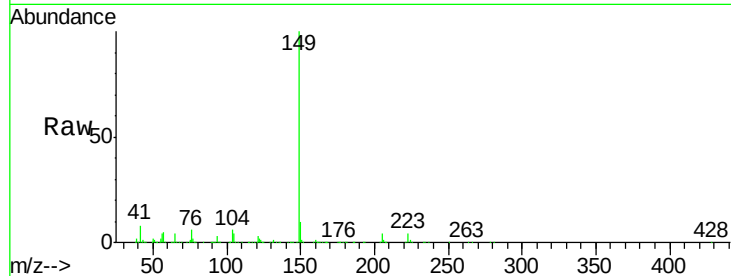
#73
Di-n-butylphthalate
Concen: 46.674 ng
RT: 19.12 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	6.4	3.9	5.9

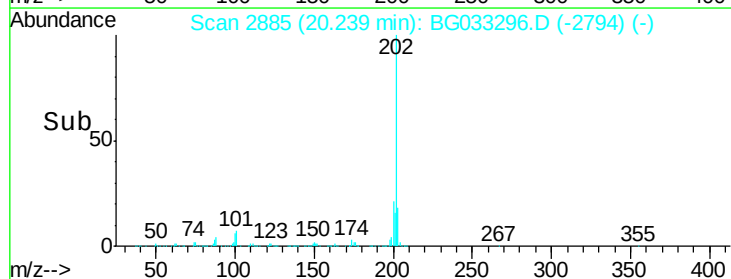
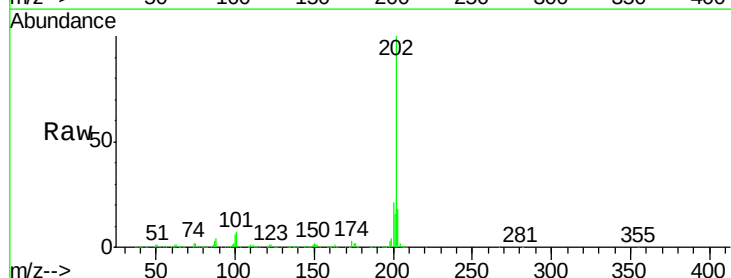
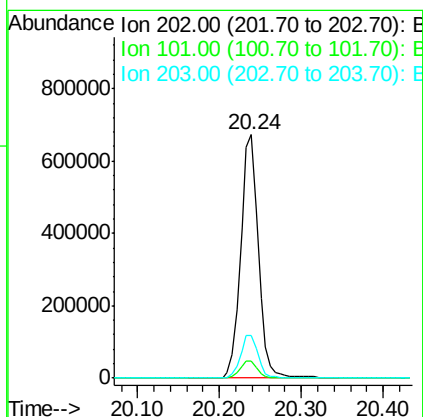
Manual Integrations
APPROVED

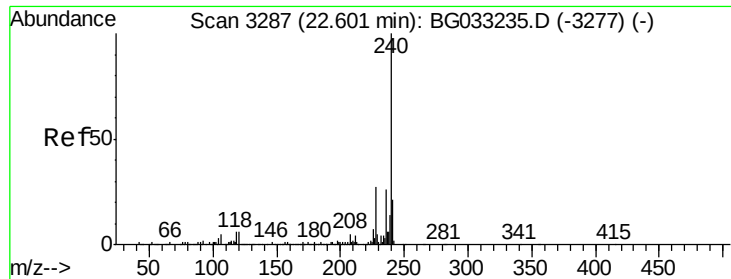
Sohil
3/23/2018 3:45:12 PM



#74
Fluoranthene
Concen: 46.703 ng
RT: 20.24 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.9
203	17.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

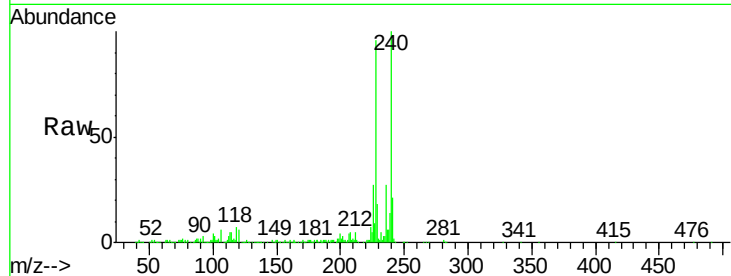
ClientSampleId :

OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	26.8	20.9	31.3

Manual Integrations
APPROVED

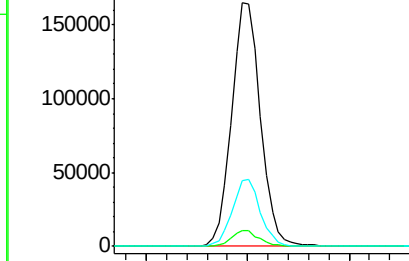
Sohil
3/23/2018 3:45:12 PM



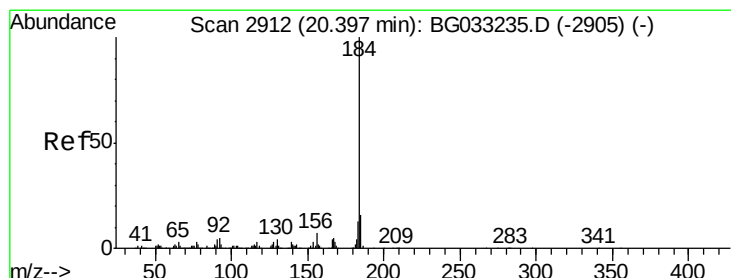
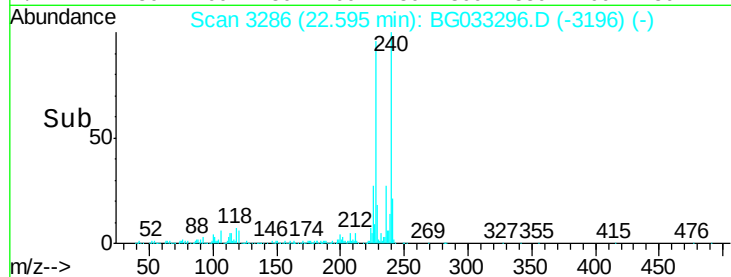
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 6.610 ng

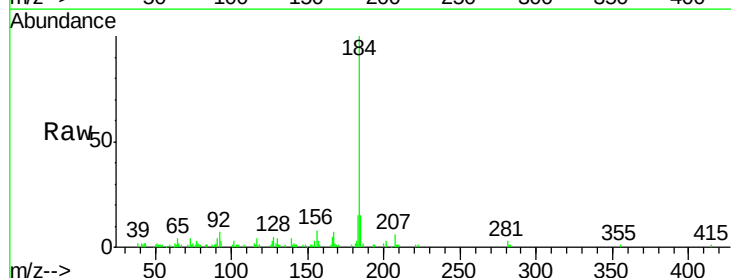
RT: 20.40 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

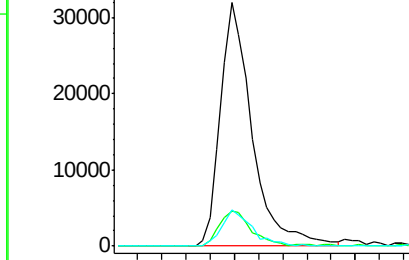
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	15.1	10.6	16.0



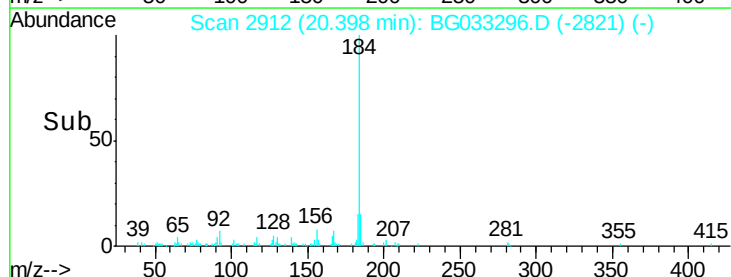
Abundance Ion 184.00 (183.70 to 184.70): E

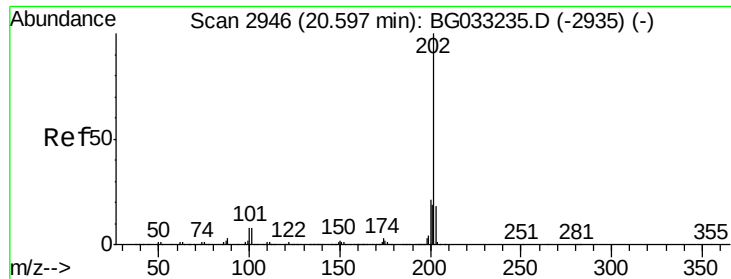
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





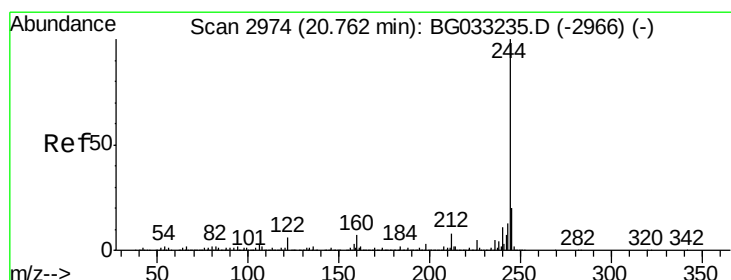
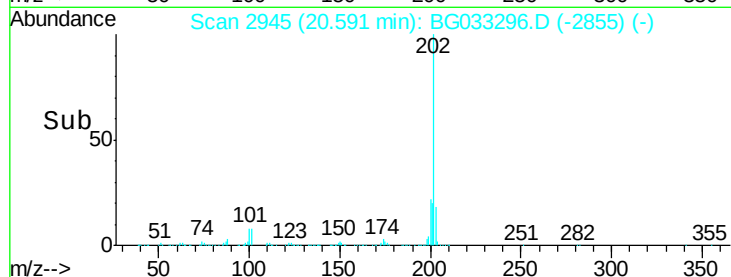
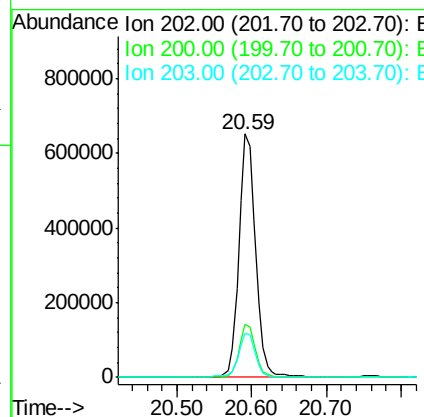
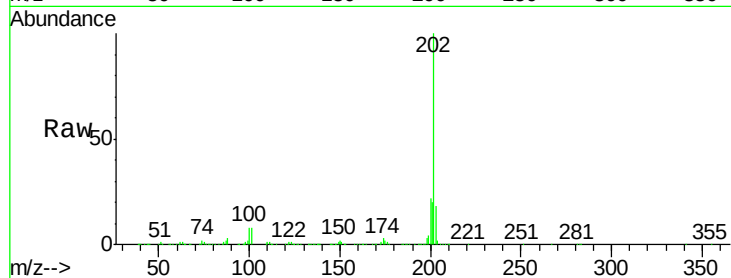
#77
Pvrene
Concen: 46.705 ng
RT: 20.59 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.8	13.9	20.9

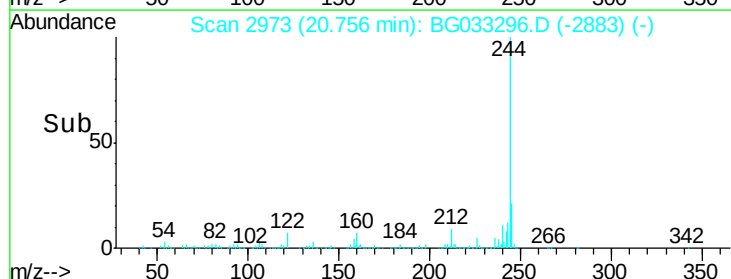
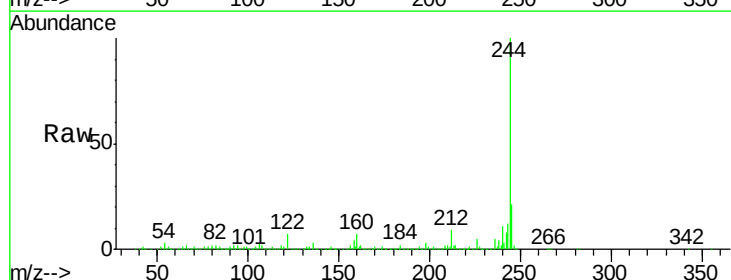
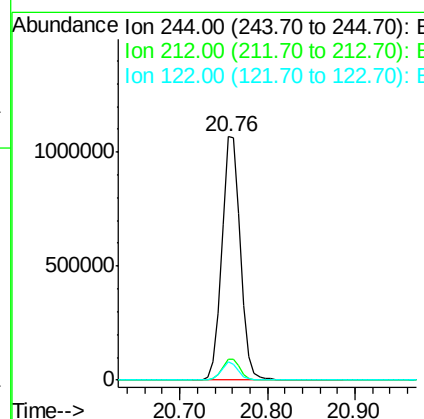
Manual Integrations
APPROVED

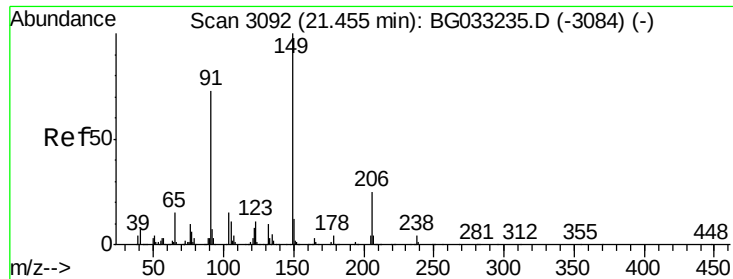
Sohil
3/23/2018 3:45:12 PM



#78
Terphenyl-d14
Concen: 103.289 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.3	7.0	10.4





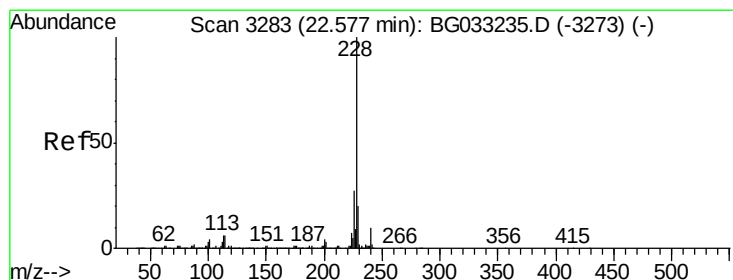
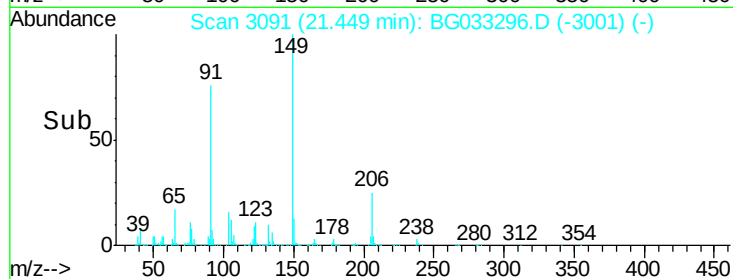
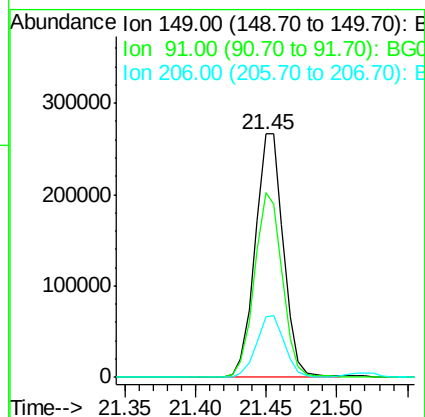
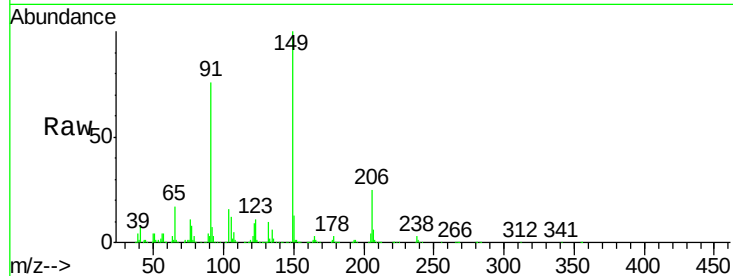
#79
Butylbenzylphthalate
Concen: 46.901 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.2	93.2
206	24.7	18.6	27.8

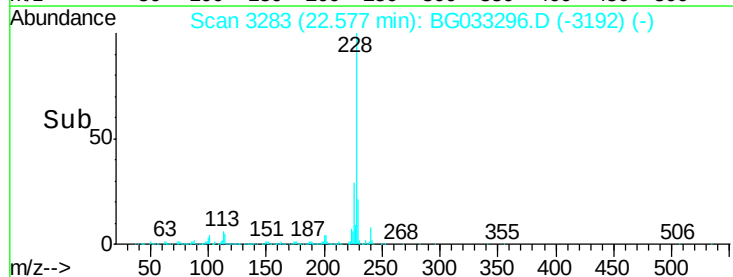
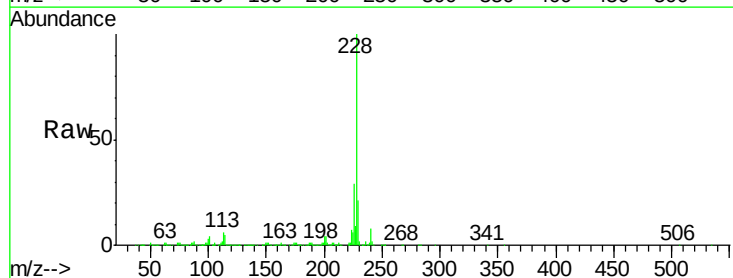
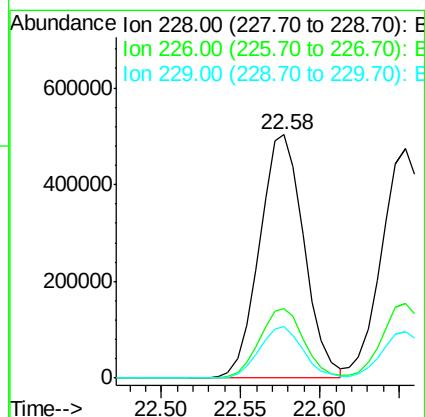
Manual Integrations
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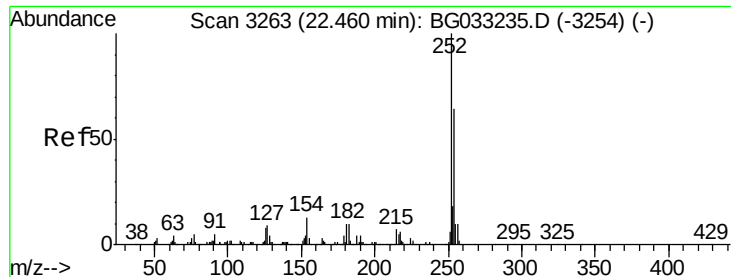
Sohil
3/23/2018 3:45:12 PM



#80
Benzo(a)anthracene
Concen: 47.280 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.3	16.2	24.2





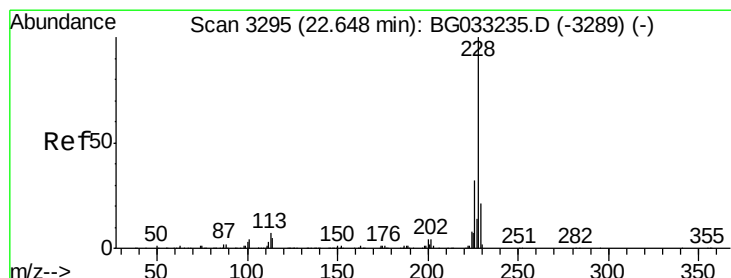
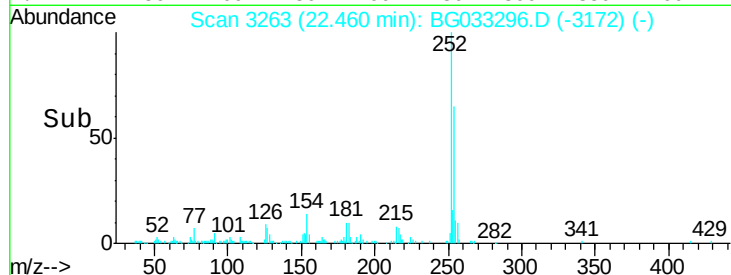
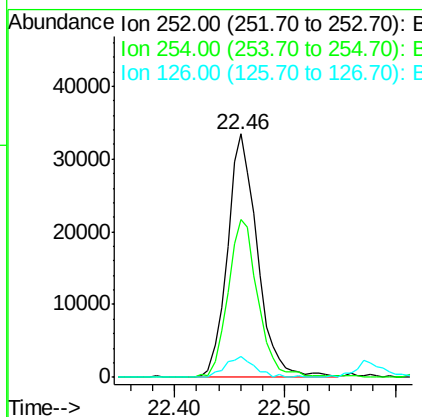
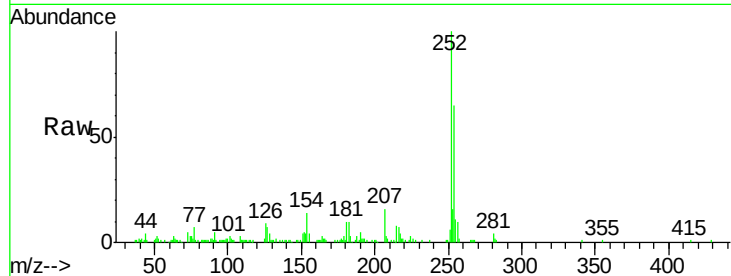
#81
 3,3'-Dichlorobenzidine
 Concen: 8.597 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.8	76.2
126	8.8	7.4	11.2

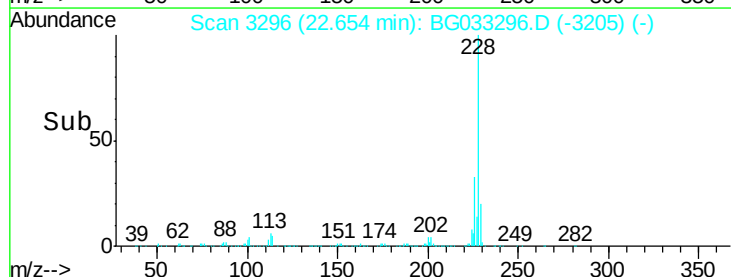
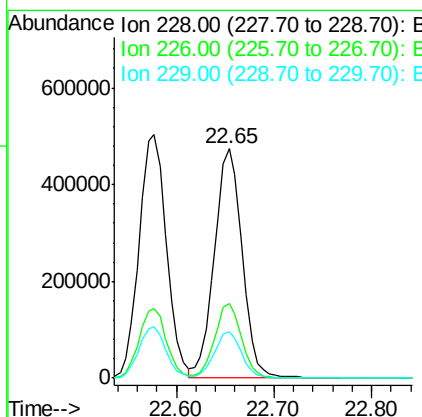
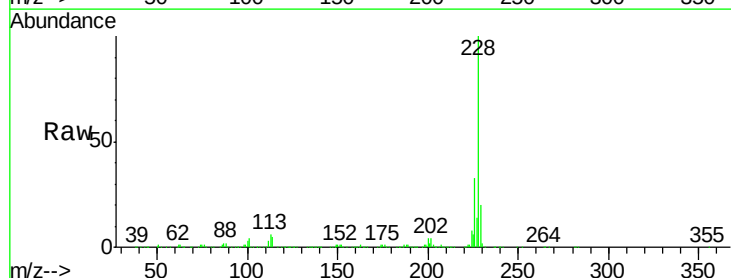
Manual Integrations
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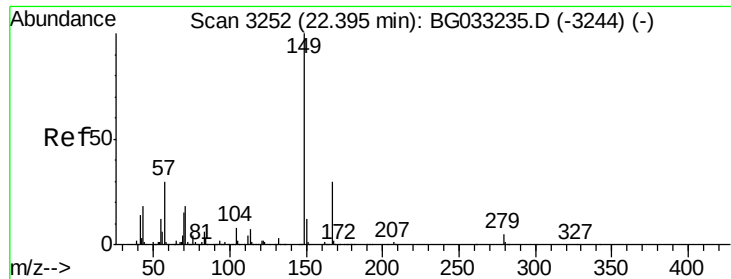
Sohil
 3/23/2018 3:45:12 PM



#82
 Chrysene
 Concen: 46.457 ng
 RT: 22.65 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	20.3	15.0	22.4





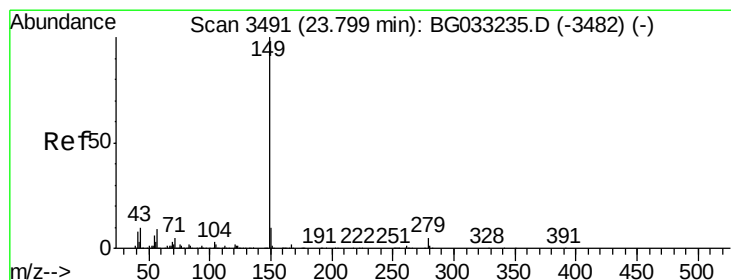
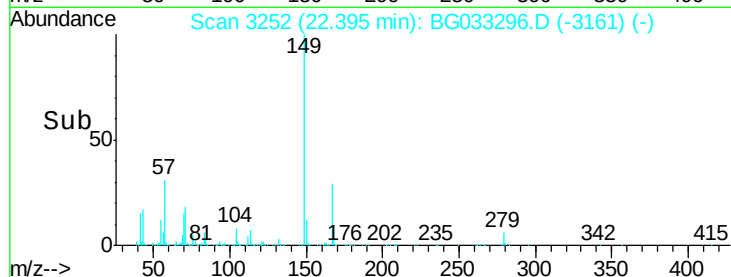
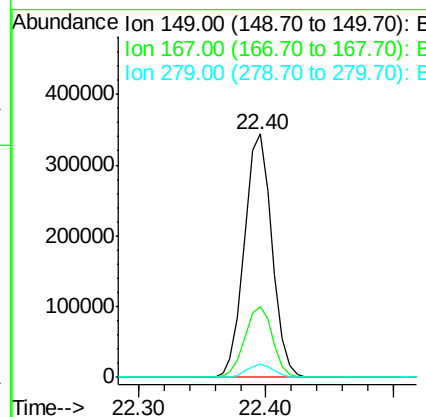
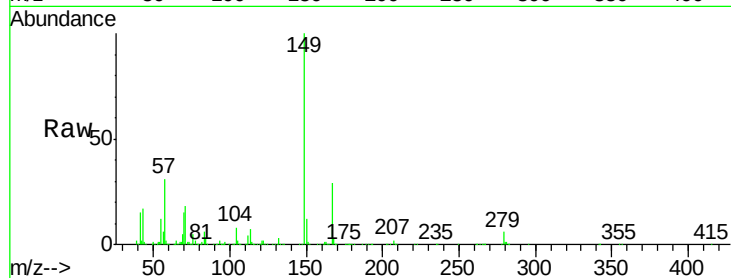
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.892 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-032018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	517792		
167	29.2		24.3	36.5
279	5.5		4.0	6.0

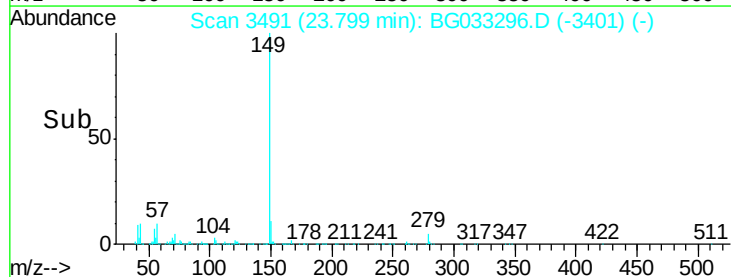
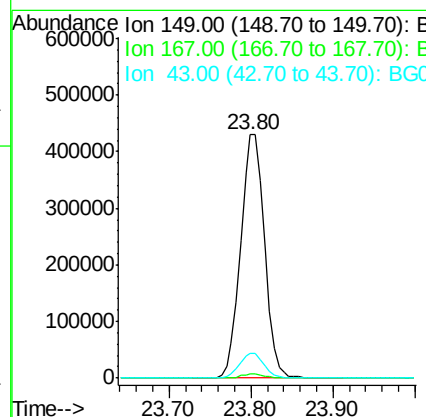
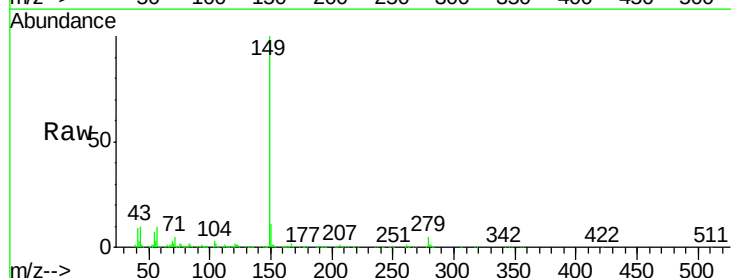
Manual Integrations
 APPROVED

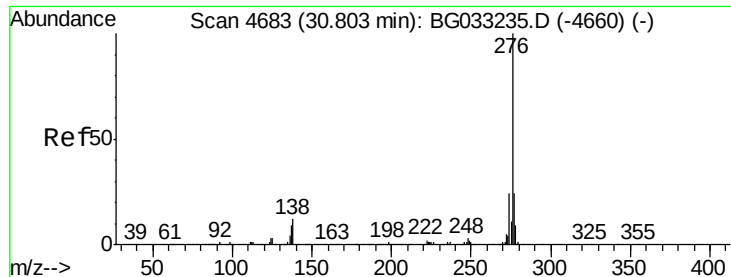
Sohil
 3/23/2018 3:45:12 PM



#84
 Di-n-octyl phthalate
 Concen: 51.750 ng
 RT: 23.80 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: BG033296.D
 Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	874947		
167	1.6		1.4	2.0
43	10.5		8.9	13.3





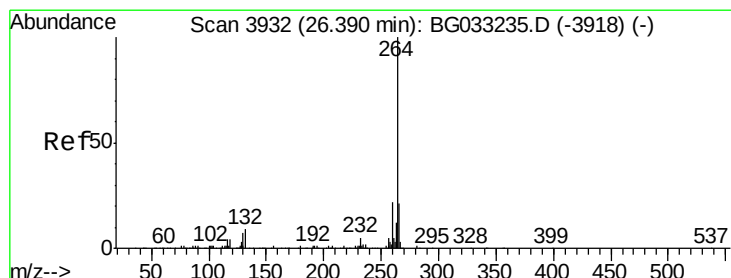
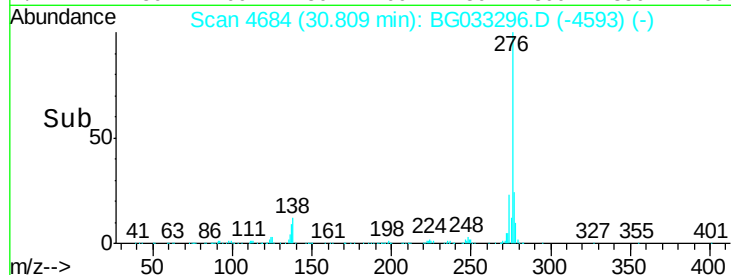
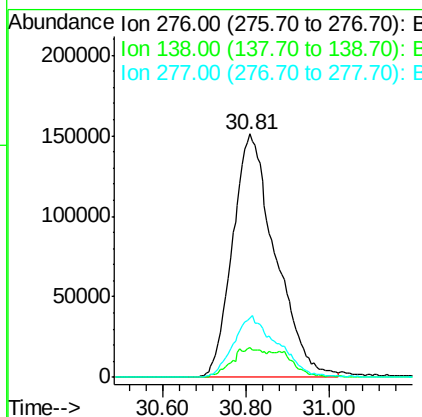
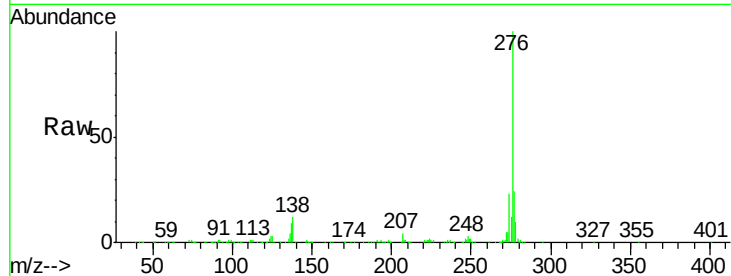
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.637 ng
RT: 30.81 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.1	16.0	24.0#
277	26.0	20.0	30.0

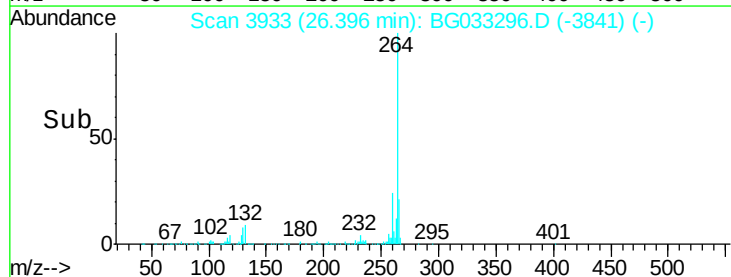
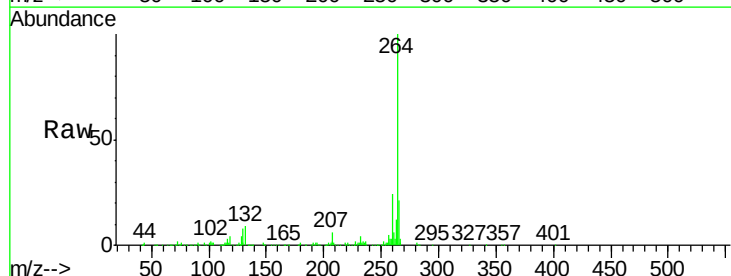
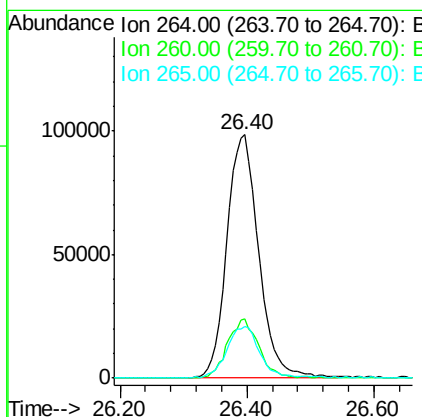
Manual Integrations
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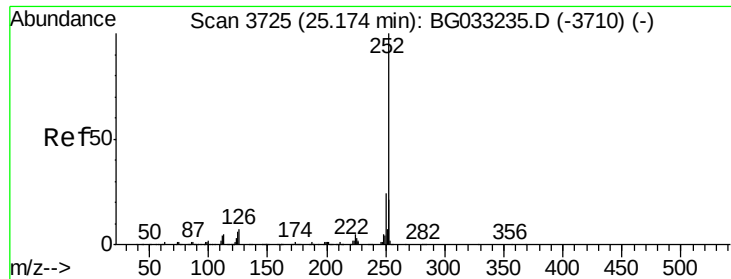
Sohil
3/23/2018 3:45:12 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. 0.01 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.999 ng

RT: 25.17 min Scan# 3725

Delta R.T. 0.01 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

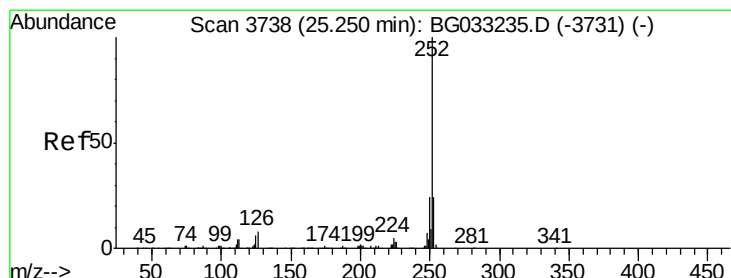
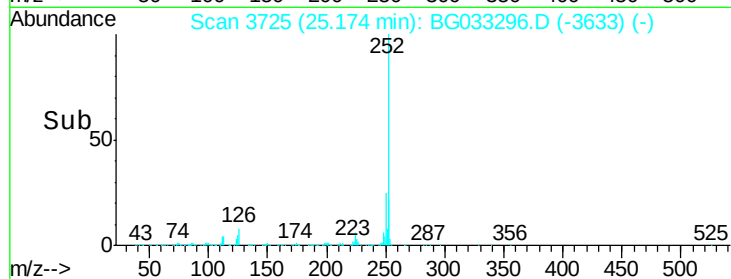
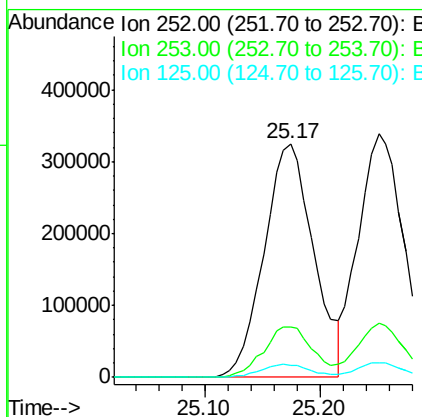
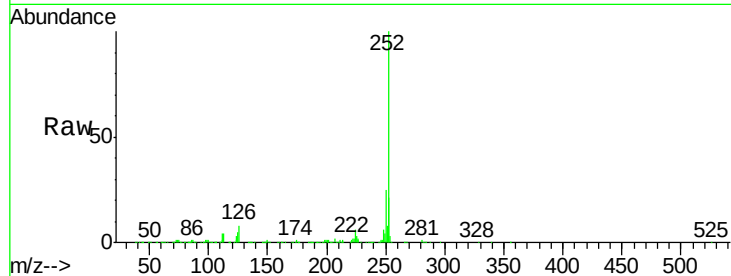
ClientSampleId :

OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	4.9	7.2	10.8

Manual Integrations
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Sohil
3/23/2018 3:45:12 PM



#88

Benzo(k)fluoranthene

Concen: 47.122 ng

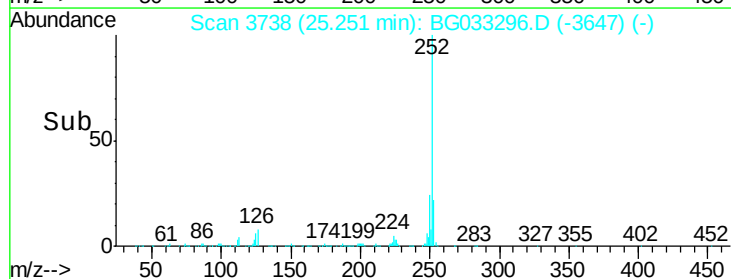
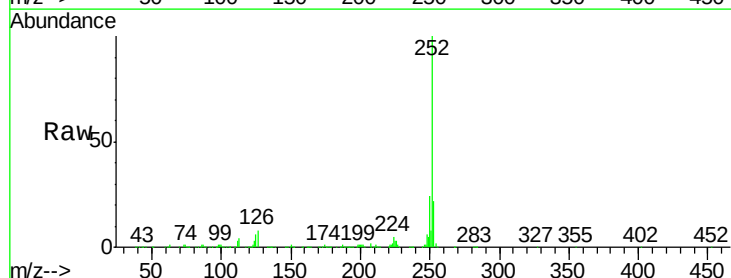
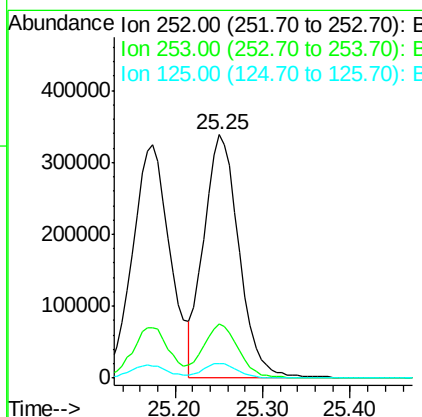
RT: 25.25 min Scan# 3738

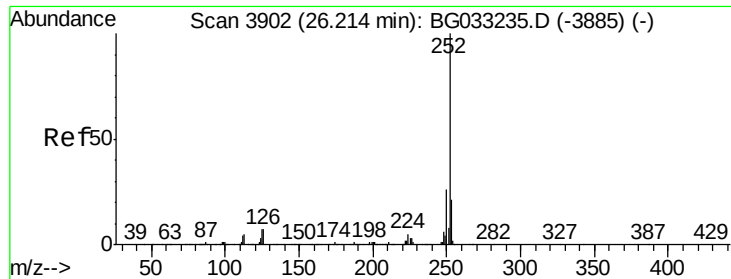
Delta R.T. 0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	6.1	6.6	9.8





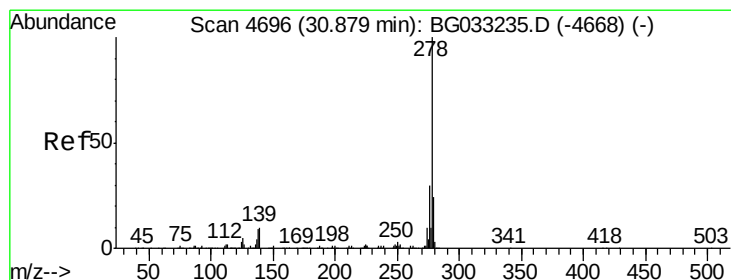
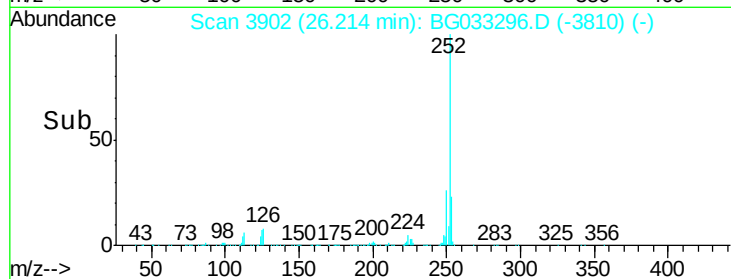
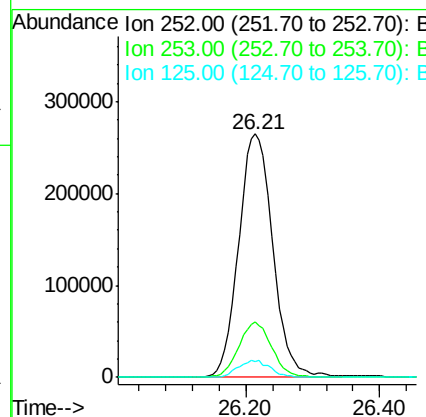
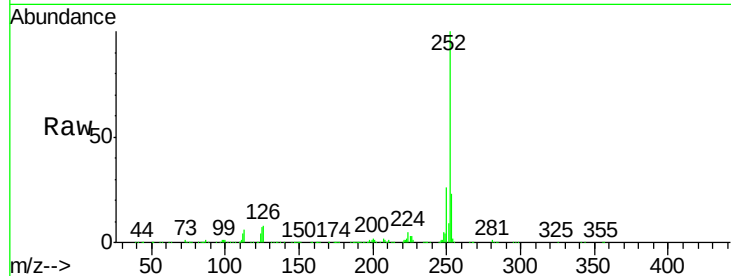
#89
Benzo(a)pyrene
Concen: 49.129 ng
RT: 26.21 min Scan# 3902
Delta R.T. 0.01 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
OR-03-032018-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	6.6	7.3	10.9

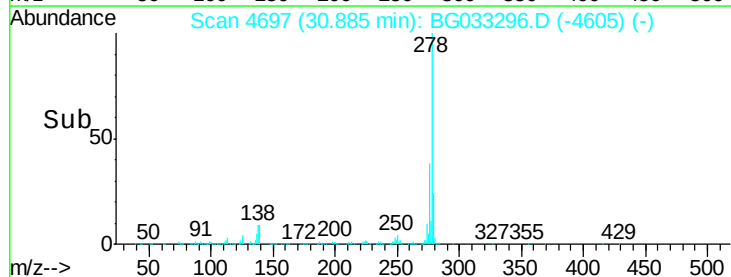
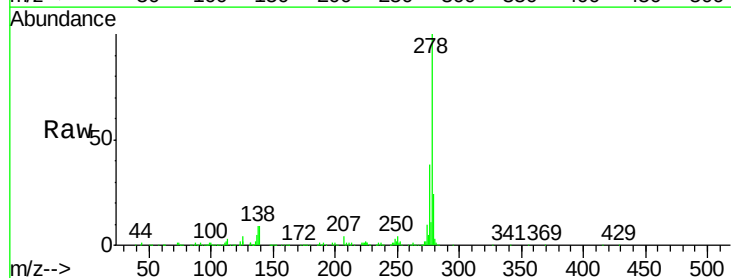
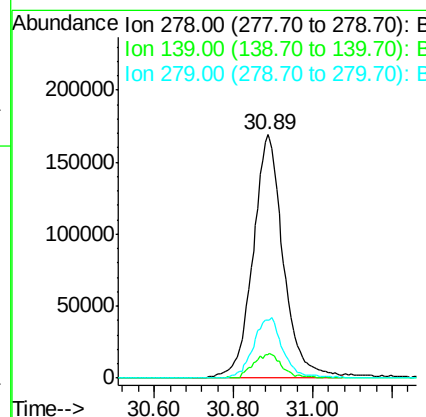
Manual Integrations
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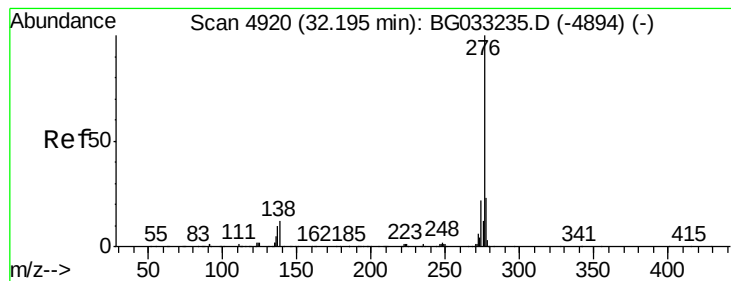
Sohil
3/23/2018 3:45:12 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.009 ng
RT: 30.89 min Scan# 4697
Delta R.T. 0.01 min
Lab File: BG033296.D
Acq: 22 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6
279	24.0	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 49.969 ng

RT: 32.20 min Scan# 4920

Delta R.T. -0.00 min

Lab File: BG033296.D

Acq: 22 Mar 2018 16:04

Instrument :

BNA_G

ClientSampleId :

OR-03-032018-AMS

Tot Ion:	276	Resp:	887037
Ion Ratio		Lower	Upper
276	100		
277	21.5	18.3	27.5
138	12.2	13.9	20.9

Manual Integrations
APPROVED

Sohil
3/23/2018 3:45:12 PM

