

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033410.D
 Acq On : 29 Mar 2018 7:35
 Operator : SJ/JU
 Sample : J1749-06MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:17 PM

Quant Time: Mar 29 11:52:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42778	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	178207	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	128053	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326690	20.00	ng	0.00
75) Chrysene-d12	22.56	240	334071	20.00	ng	0.00
86) Perylene-d12	26.33	264	373231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	358416	157.11	ng	0.00
7) Phenol-d6	7.99	99	527374	134.54	ng	0.01
23) Nitrobenzene-d5	10.07	82	374315	96.50	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	304459	158.97	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	904017	101.92	ng	0.00
78) Terphenyl-d14	20.73	244	1591981	101.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	43744	37.757	ng	# 87
3) Pyridine	4.41	79	81696	25.509	ng	99
4) n-Nitrosodimethylamine	4.30	42	68324	51.985	ng	# 86
6) Aniline	8.16	93	33090	7.178	ng	# 85
8) 2-Chlorophenol	8.42	128	146669	56.237	ng	96
9) Benzaldehyde	7.97	77	15911m	6.387	ng	
10) Phenol	8.02	94	188756	48.773	ng	91
11) bis(2-Chloroethyl)ether	8.25	93	127210	40.270	ng	98
12) 1,3-Dichlorobenzene	8.75	146	149259	43.774	ng	96
13) 1,4-Dichlorobenzene	8.90	146	153480	44.945	ng	98
14) 1,2-Dichlorobenzene	9.23	146	152849	45.861	ng	99
15) Benzyl Alcohol	9.11	79	142420	46.147	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	229620	44.589	ng	88
17) 2-Methylphenol	9.31	107	133371m	50.588	ng	
18) Hexachloroethane	9.99	117	59851	45.411	ng	91
19) n-Nitroso-di-n-propylamine	9.68	70	133093	46.337	ng	97
20) 3+4-Methylphenols	9.65	107	183705	48.939	ng	89
22) Acetophenone	9.71	105	244981	50.178	ng	# 98
24) Nitrobenzene	10.12	77	201338	48.495	ng	93
25) Isophorone	10.63	82	385256	51.176	ng	99
26) 2-Nitrophenol	10.83	139	82885	52.732	ng	# 84
27) 2,4-Dimethylphenol	10.88	122	152278	66.690	ng	88
28) bis(2-Chloroethoxy)methane	11.11	93	195259	51.984	ng	96
29) 2,4-Dichlorophenol	11.39	162	170304	60.647	ng	99
30) 1,2,4-Trichlorobenzene	11.60	180	172036	47.154	ng	97
31) Naphthalene	11.80	128	468350	50.716	ng	98
32) Benzoic acid	11.01	122	22046	10.386	ng	# 76
33) 4-Chloroaniline	11.90	127	15875	3.837	ng	# 92
34) Hexachlorobutadiene	12.06	225	128272	46.492	ng	97
35) Caprolactam	12.66	113	45293	41.171	ng	97
36) 4-Chloro-3-methylphenol	12.97	107	202721	55.350	ng	94
37) 2-Methylnaphthalene	13.36	142	350697	48.927	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	237138	51.125	ng	99
40) Hexachlorocyclopentadiene	13.68	237	235108	86.464	ng	92

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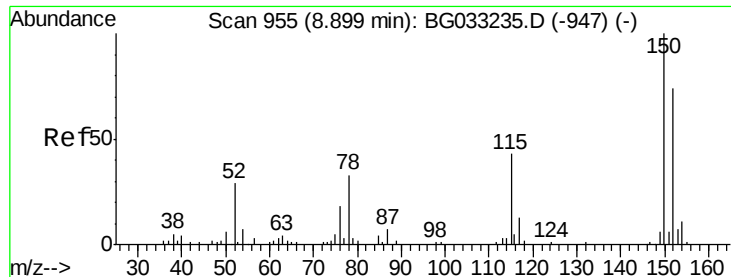
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	161201	59.816	nq	97
43) 2,4,5-Trichlorophenol	14.02	196	183196	57.511	nq	98
45) 1,1'-Biphenyl	14.32	154	498882	50.710	nq	95
46) 2-Chloronaphthalene	14.38	162	382908	50.478	nq	97
47) 2-Nitroaniline	14.58	65	154600	54.413	nq	97
48) Acenaphthylene	15.22	152	622825	49.189	nq	99
49) Dimethylphthalate	14.91	163	574780	51.577	nq	99
50) 2,6-Dinitrotoluene	15.05	165	123039	53.996	nq	97
51) Acenaphthene	15.55	154	425889	52.177	nq	94
52) 3-Nitroaniline	15.39	138	28242	11.822	nq #	98
53) 2,4-Dinitrophenol	15.58	184	63443	56.271	nq #	81
54) Dibenzofuran	15.88	168	632308	52.444	nq	92
55) 4-Nitrophenol	15.68	139	156741	93.307	nq #	89
56) 2,4-Dinitrotoluene	15.82	165	178526	53.211	nq	96
57) Fluorene	16.52	166	527642	51.370	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.10	232	171943	57.337	nq	97
59) Diethylphthalate	16.25	149	559061	51.664	nq	95
60) 4-Chlorophenyl-phenylether	16.49	204	307485	52.076	nq	98
61) 4-Nitroaniline	16.54	138	97401	40.262	nq #	81
62) Azobenzene	16.79	77	542871	51.789	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	67141	34.355	nq	93
65) n-Nitrosodiphenylamine	16.71	169	477862	51.237	nq	98
66) 4-Bromophenyl-phenylether	17.39	248	205332	53.518	nq	94
67) Hexachlorobenzene	17.52	284	210861	52.076	nq	95
68) Atrazine	17.63	200	185767	49.154	nq	97
69) Pentachlorophenol	17.86	266	229150	82.455	nq	98
70) Phenanthrene	18.26	178	866553	50.932	nq	98
71) Anthracene	18.35	178	899744	52.228	nq	98
72) Carbazole	18.61	167	765482	50.144	nq #	97
73) Di-n-butylphthalate	19.10	149	912330	51.345	nq #	98
74) Fluoranthene	20.21	202	1084984	51.532	nq	97
76) Benzidine	20.38	184	25591	2.825	nq	99
77) Pyrene	20.57	202	1075884	48.288	nq	98
79) Butylbenzylphthalate	21.43	149	427340	51.975	nq	94
80) Benzo(a)anthracene	22.54	228	1112287	52.288	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	75284	9.945	nq #	97
82) Chrysene	22.62	228	1053882	51.180	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	570374	50.324	nq	98
84) Di-n-octyl phthalate	23.76	149	1011720	58.299	nq	96
85) Indeno(1,2,3-cd)pyrene	30.72	276	1249225	56.111	nq #	77
87) Benzo(b)fluoranthene	25.12	252	1083567	50.250	nq #	97
88) Benzo(k)fluoranthene	25.21	252	1130517	51.838	nq #	95
89) Benzo(a)pyrene	26.16	252	1101313	53.183	nq #	96
90) Dibenzo(a,h)anthracene	30.80	278	1071011	54.907	nq	96
91) Benzo(g,h,i)perylene	32.09	276	986429	51.069	nq #	94

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



#1

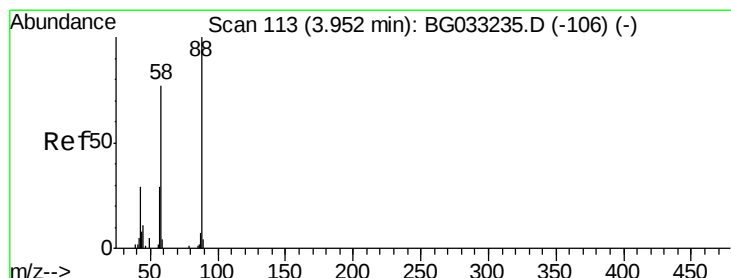
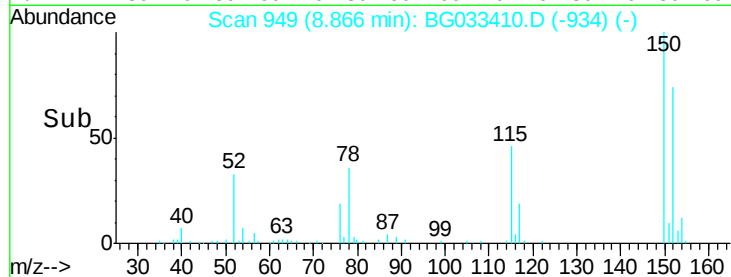
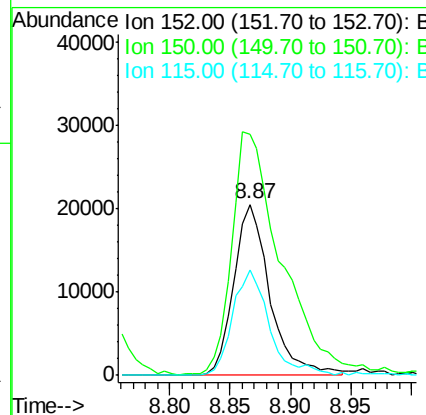
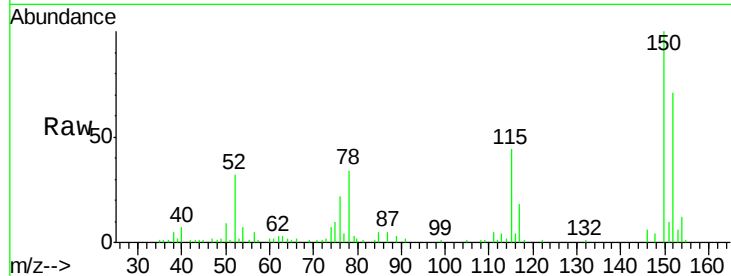
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	126.6	189.8
115	61.4	53.0	79.4

Manual Integrations
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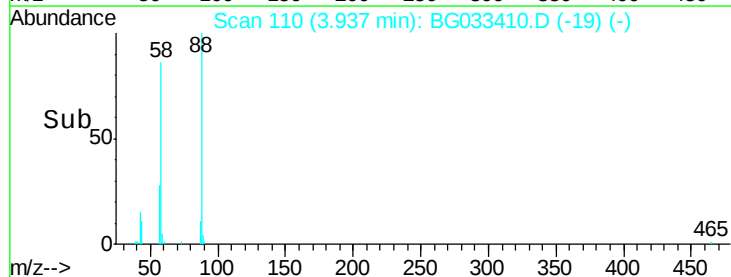
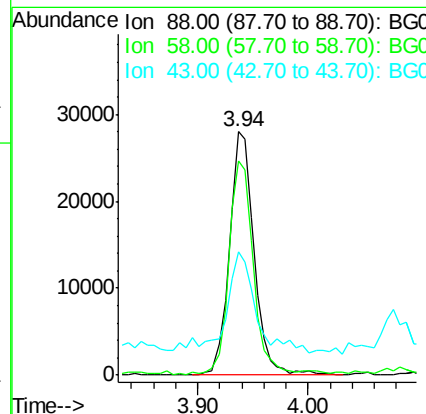
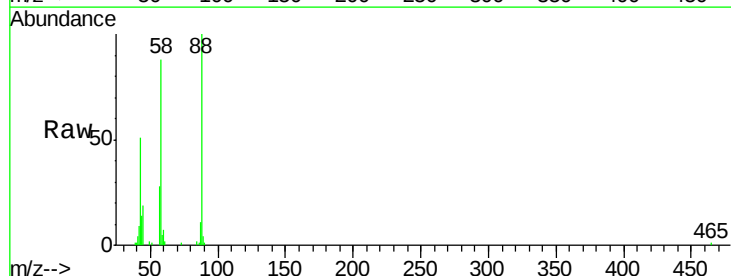
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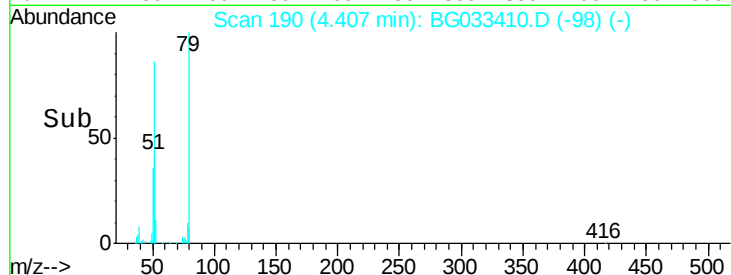
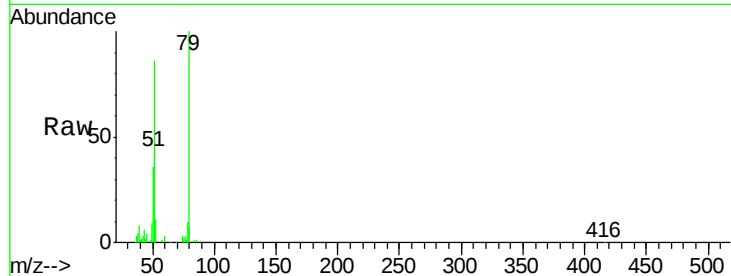


#2

1,4-Dioxane
Concen: 37.757 ng
RT: 3.94 min Scan# 110
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	79.6	119.4
43	44.2	27.4	41.0





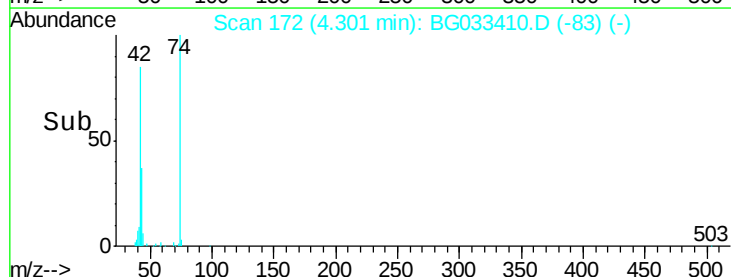
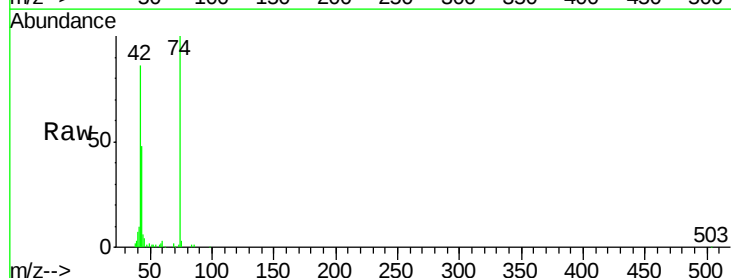
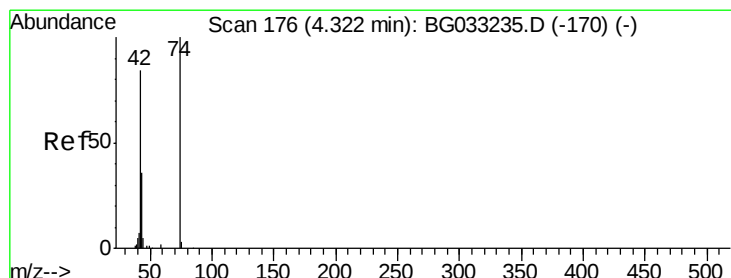
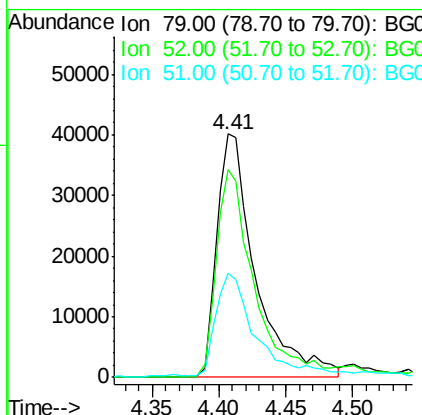
#3
 Pvridine
 Concen: 25.509 ng
 RT: 4.41 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tot Ion:	79	Resp:	81696
Ion	Ratio	Lower	Upper
79	100		
52	85.5	69.9	104.9
51	42.7	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

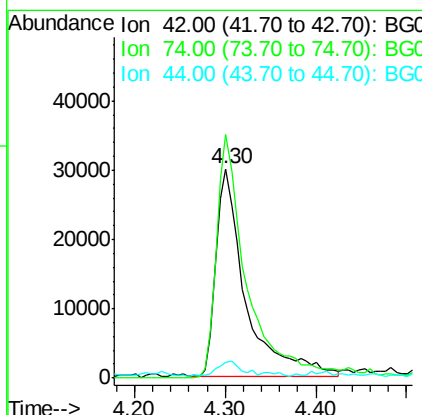
Manual Integrations
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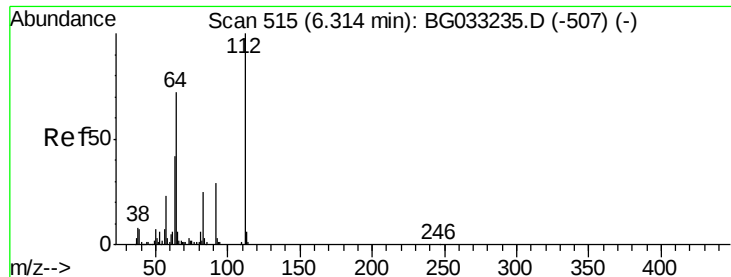
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#4
 n-Nitrosodimethylamine
 Concen: 51.985 ng
 RT: 4.30 min Scan# 172
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion:	42	Resp:	68324
Ion	Ratio	Lower	Upper
42	100		
74	116.2	102.5	153.7
44	7.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 157.107 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

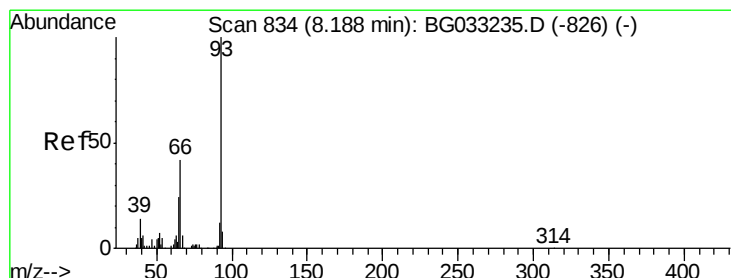
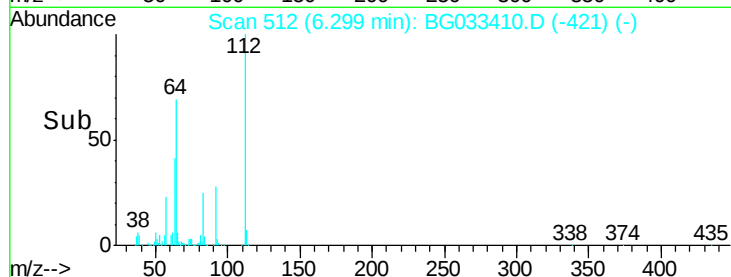
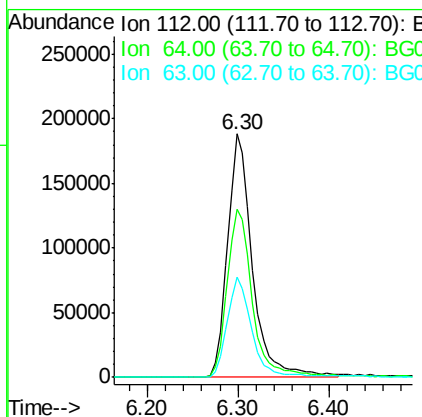
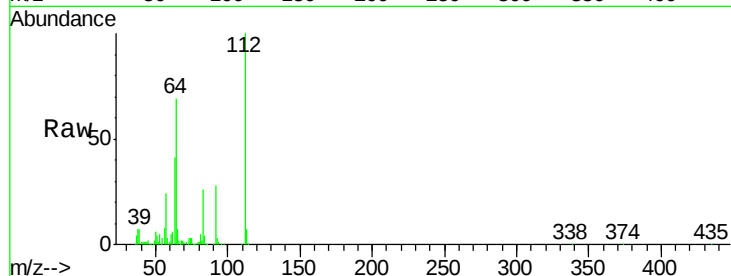
ClientSampleId :

BU-03-032618MS

Tot Ion:	112	Resp:	358416
Ion Ratio	Lower	Upper	
112	100		
64	68.8	56.3	84.5
63	41.3	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 7.178 ng

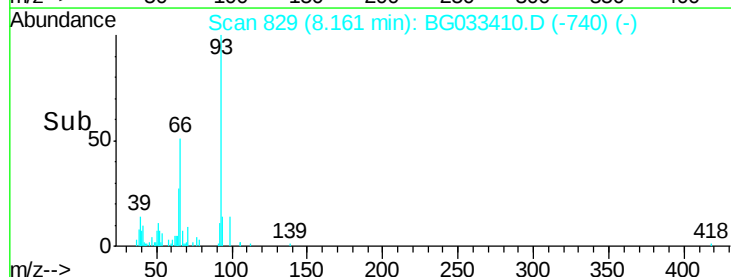
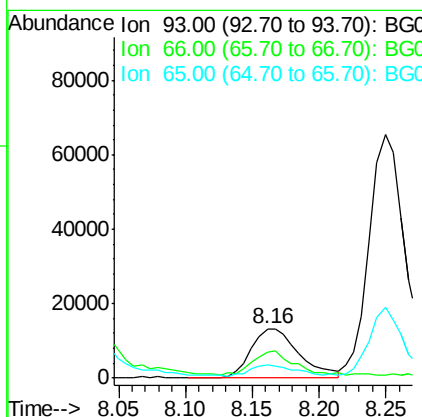
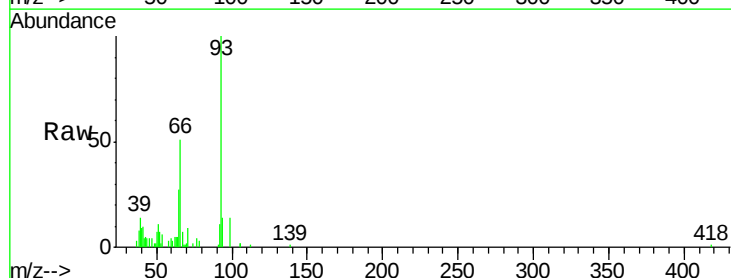
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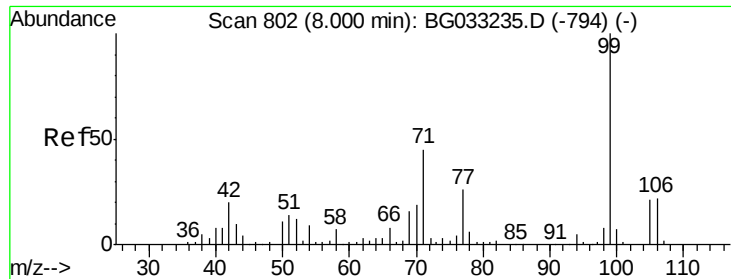
Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	93	Resp:	33090
Ion Ratio	Lower	Upper	
93	100		
66	51.3	33.7	50.5#
65	27.3	16.1	24.1#





#7

Phenol-d6

Concen: 134.540 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

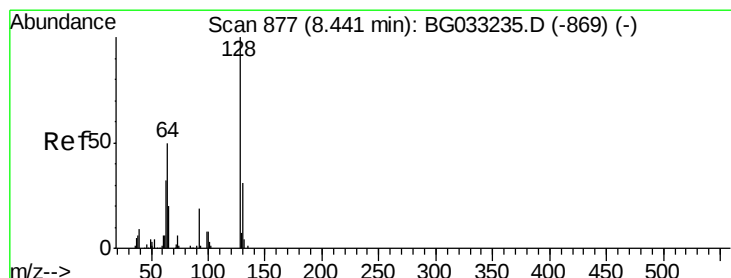
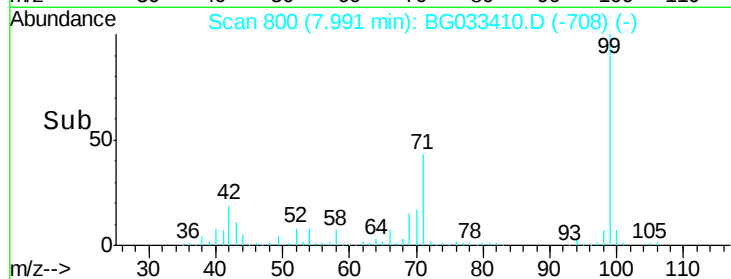
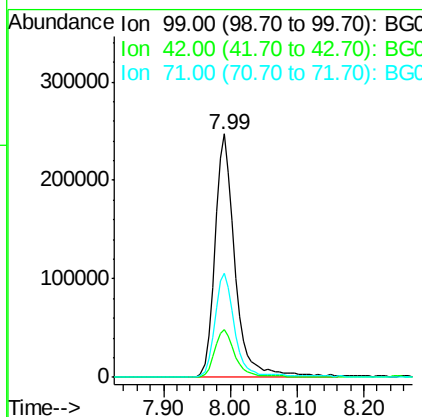
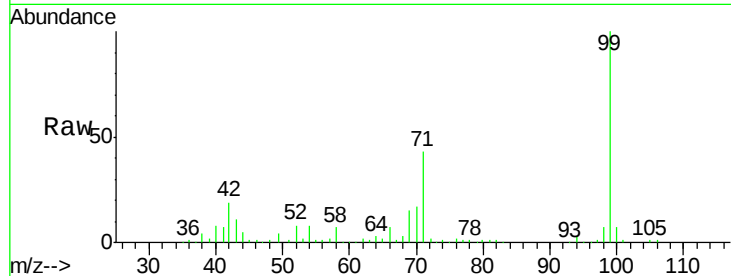
ClientSampleId :

BU-03-032618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		527374		
42	19.4	14.1	21.1		
71	42.6	26.1	39.1#		

Manual Integrations
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#8

2-Chlorophenol

Concen: 56.237 ng

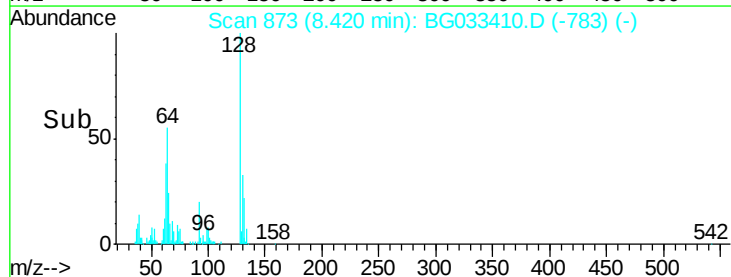
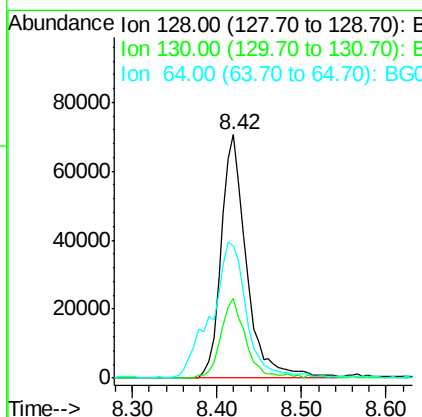
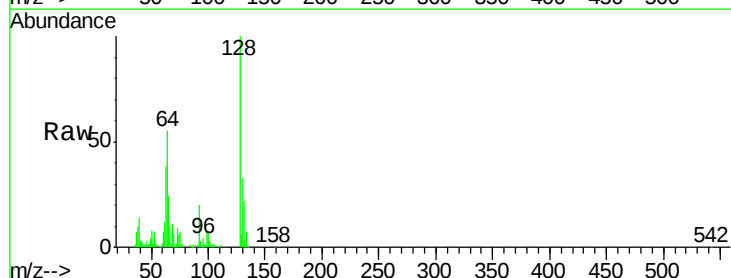
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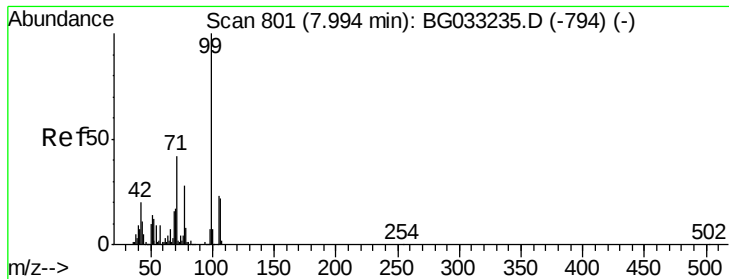
Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		146669		
130	32.6	14.0	54.0		
64	54.6	37.7	77.7		





#9

Benzaldehyde

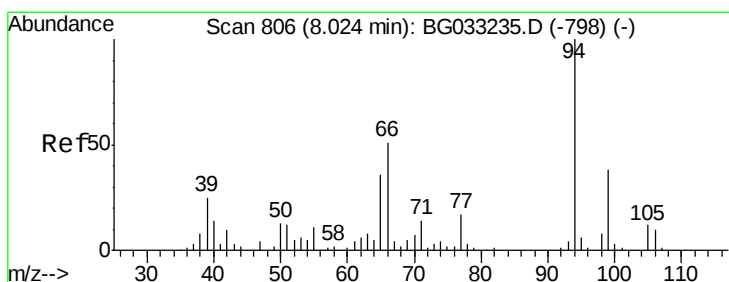
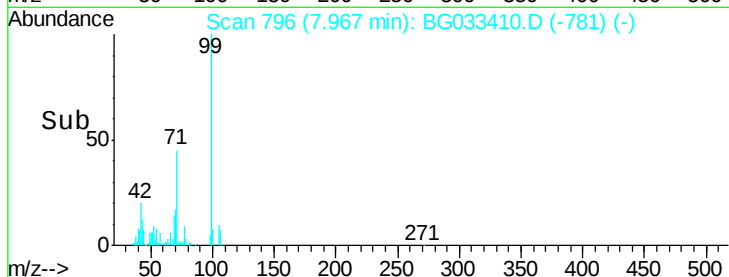
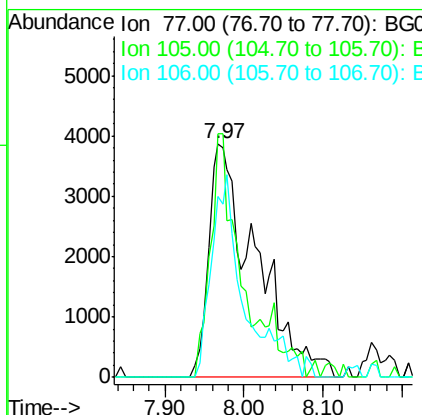
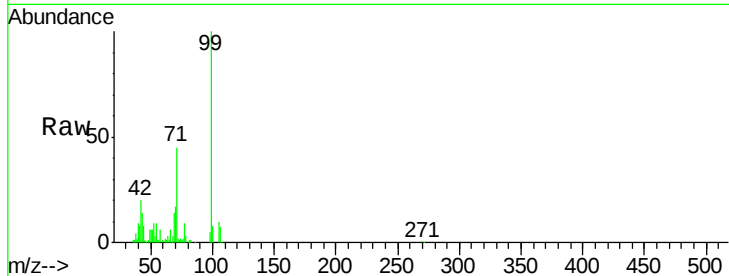
Concen: 6.387 ng/mL
 RT: 7.97 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.9	71.3	111.3
106	77.4	64.2	104.2

Manual Integrations
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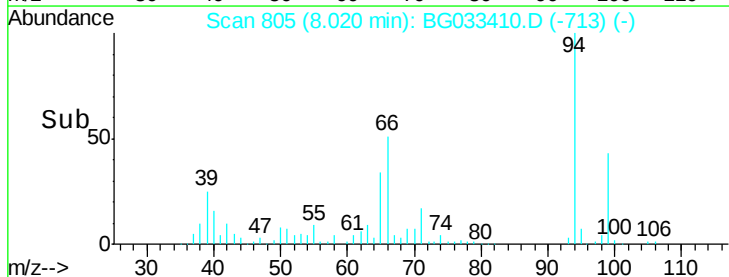
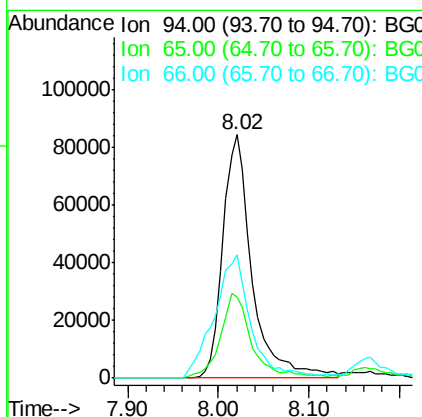
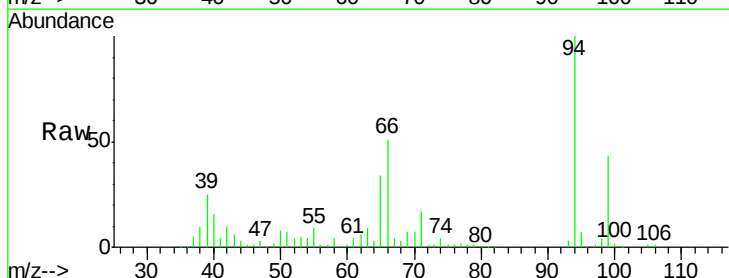


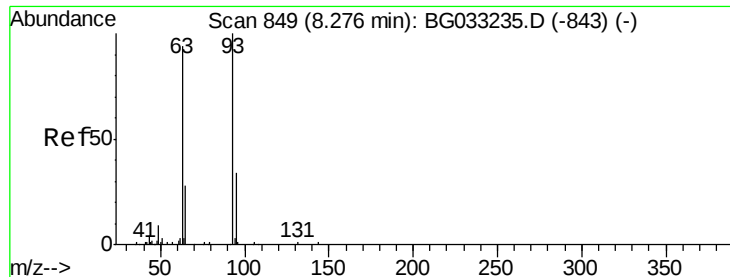
#10

Phenol

Concen: 48.773 ng/mL
 RT: 8.02 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.9	51.9
66	50.8	22.2	62.2





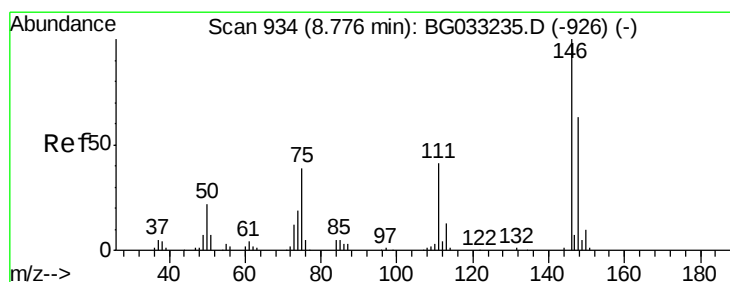
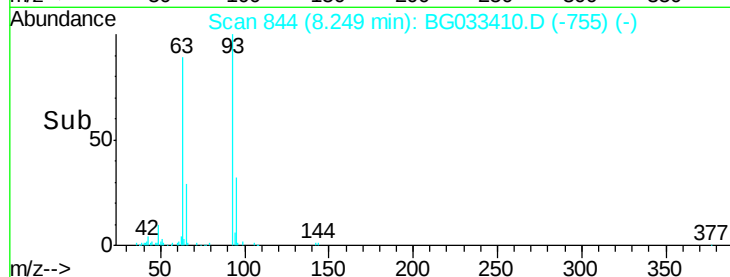
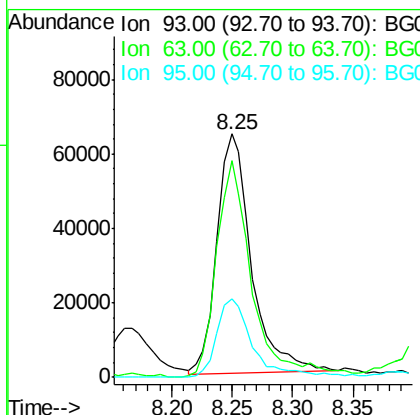
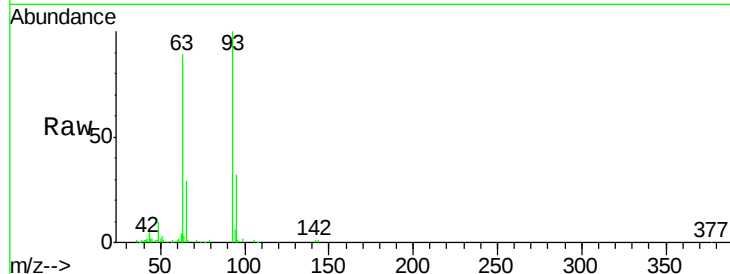
#11
bis(2-Chloroethyl)ether
Concen: 40.270 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		127210		
63	89.2	67.1	107.1		
95	32.3	11.5	51.5		

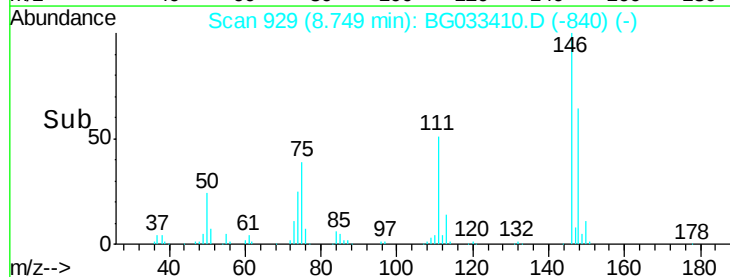
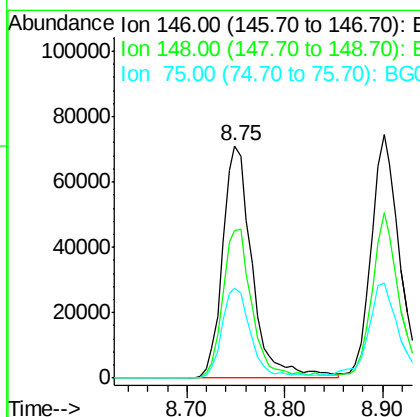
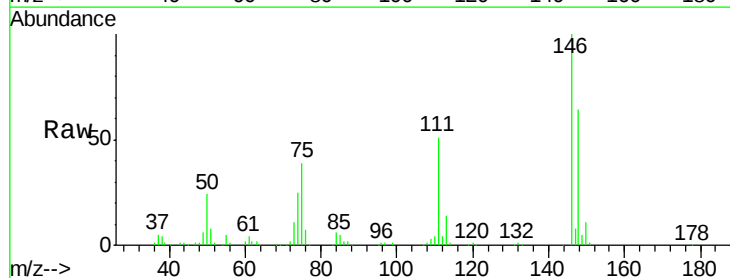
Manual Integrations
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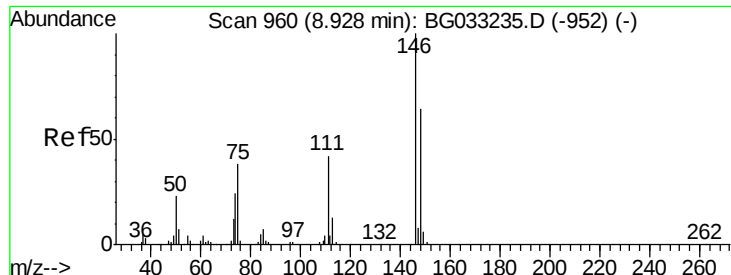
Sohil
3/29/2018 5:39:17 PM



#12
1,3-Dichlorobenzene
Concen: 43.774 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		149259		
148	63.5	51.4	77.2		
75	39.0	26.6	39.8		





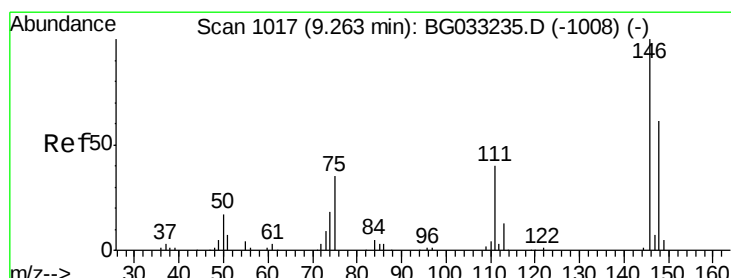
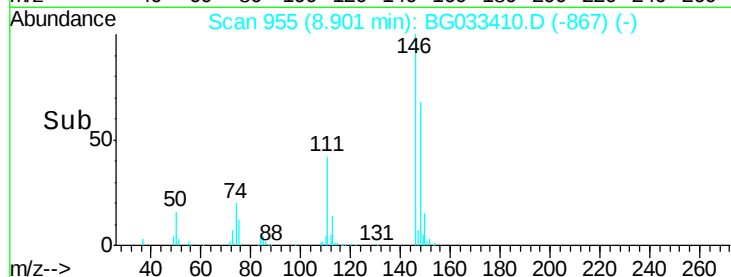
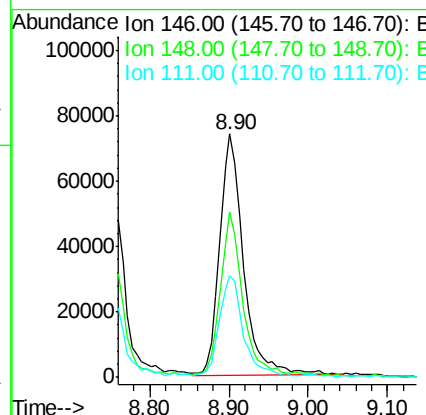
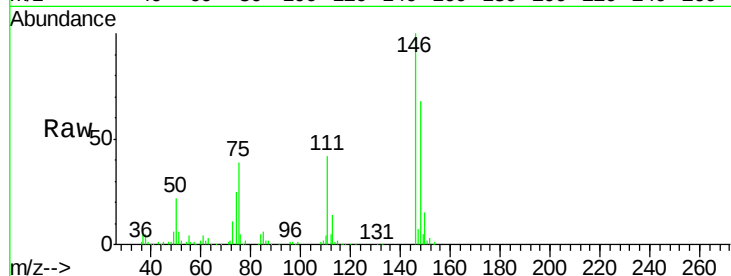
#13
1,4-Dichlorobenzene
Concen: 44.945 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	53.7	80.5
111	41.9	35.2	52.8

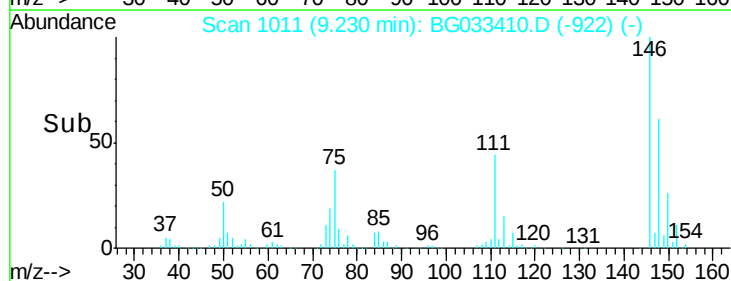
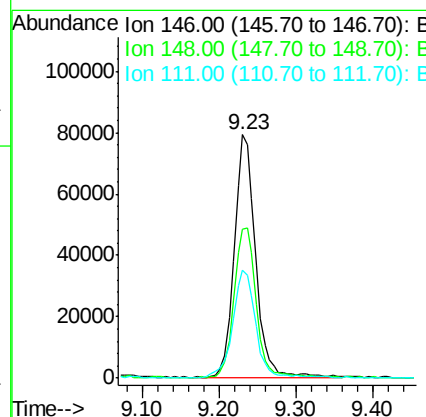
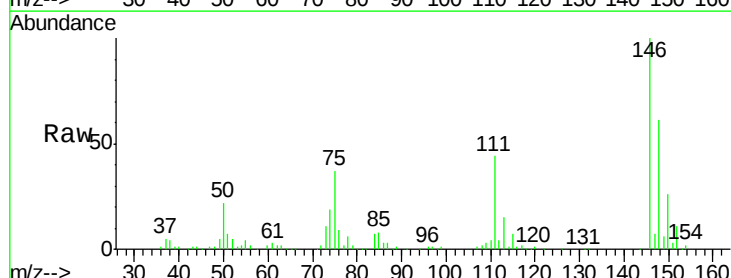
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 45.861 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.3	73.9
111	44.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 46.147 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

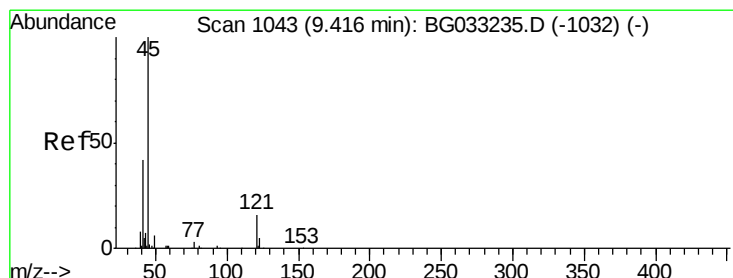
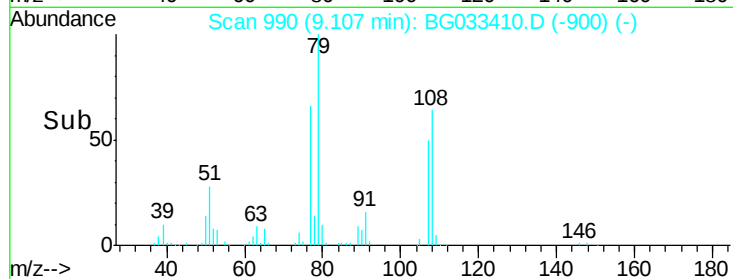
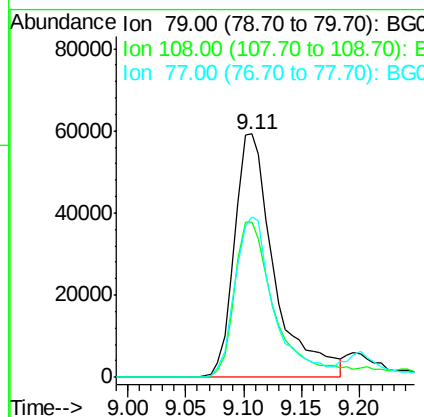
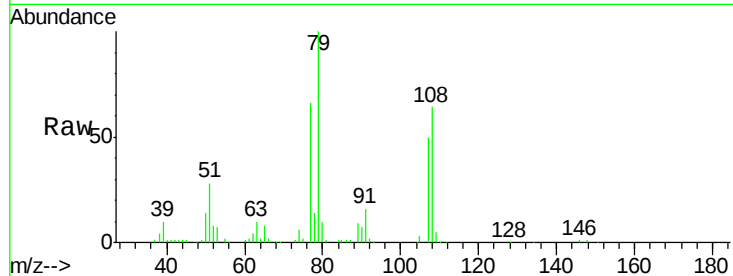
ClientSampleId :

BU-03-032618MS

Tot Ion:	79	Resp:	142420
Ion Ratio	Lower	Upper	
79	100		
108	63.9	57.2	85.8
77	65.7	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.589 ng

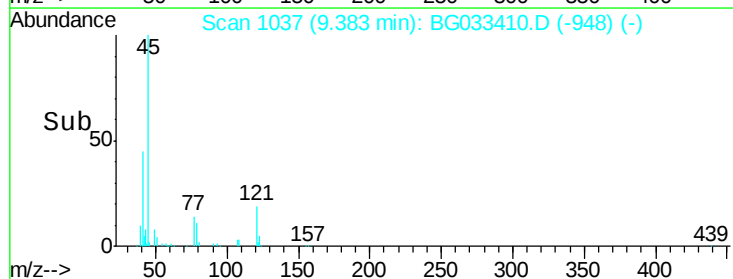
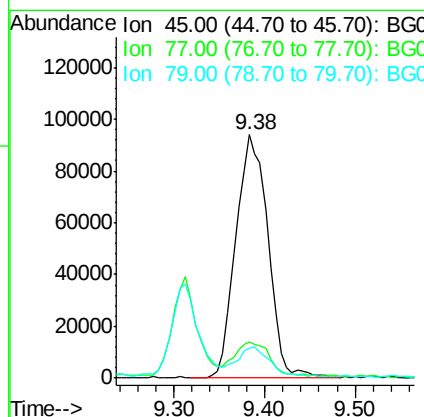
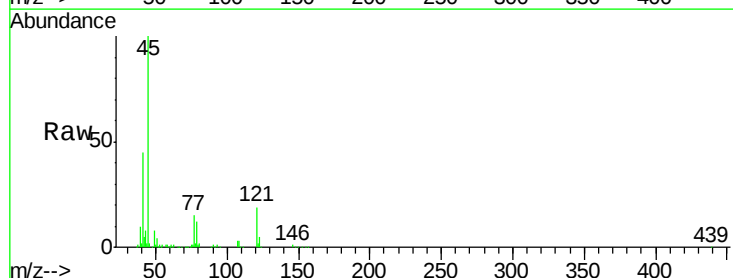
RT: 9.38 min Scan# 1037

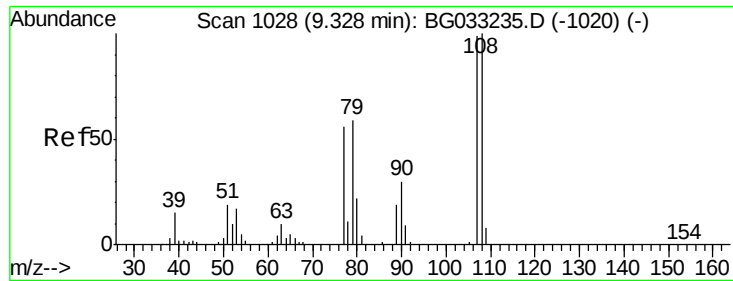
Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	45	Resp:	229620
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	30.2
79	12.1	0.0	27.9





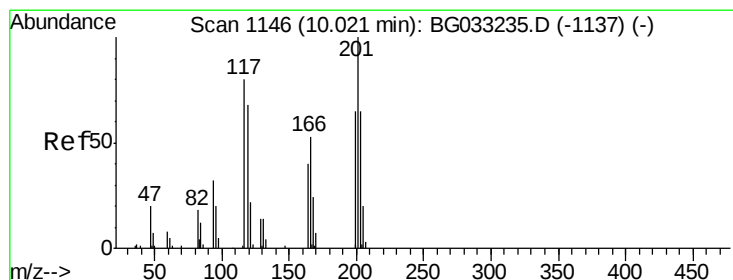
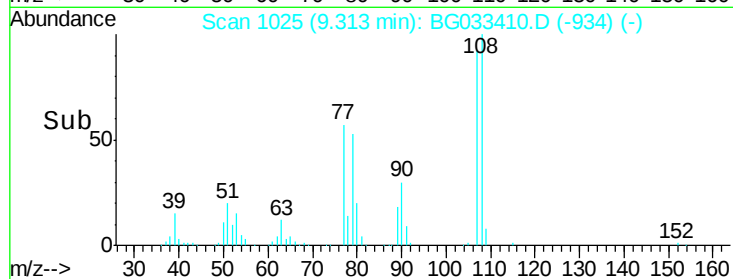
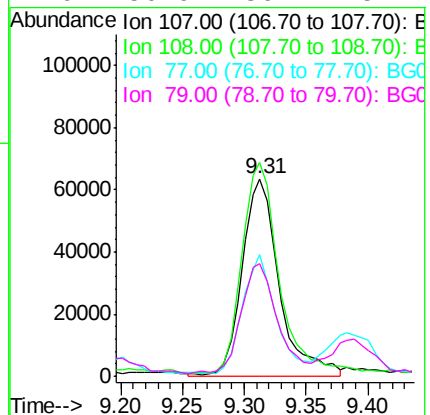
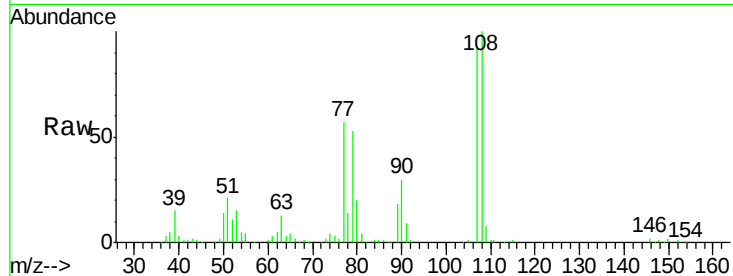
#17
2-Methylphenol
Concen: 50.588 ng/ml
RT: 9.31 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	83.9	125.9	
77	61.7	37.2	55.8	
79	56.9	36.2	54.2	

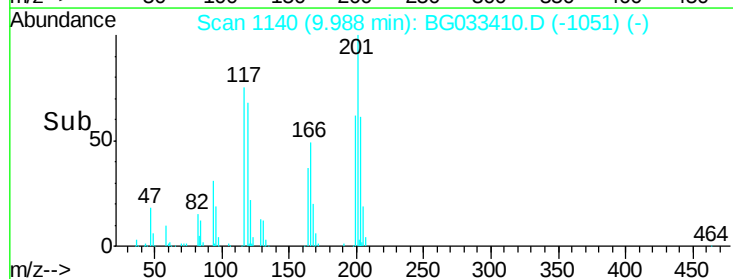
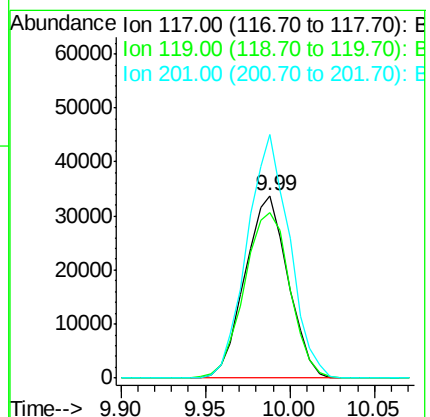
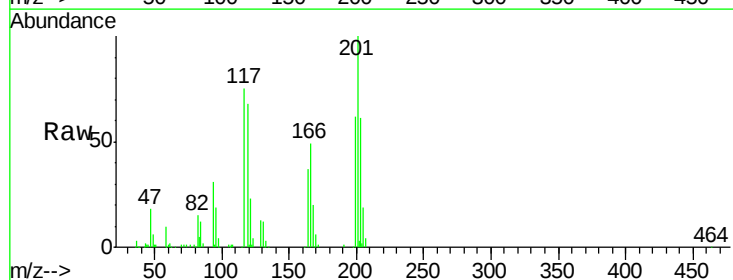
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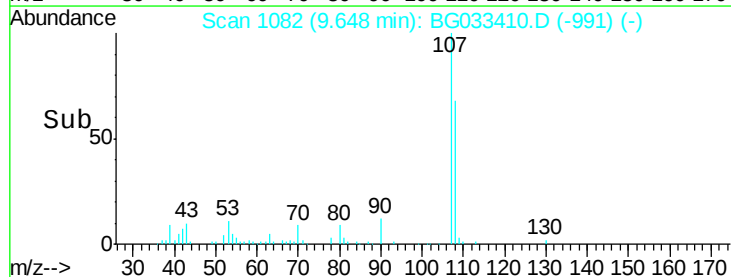
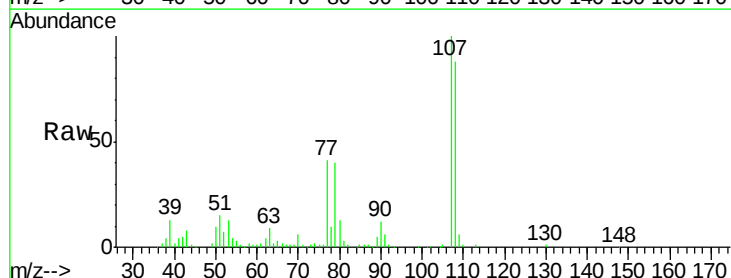
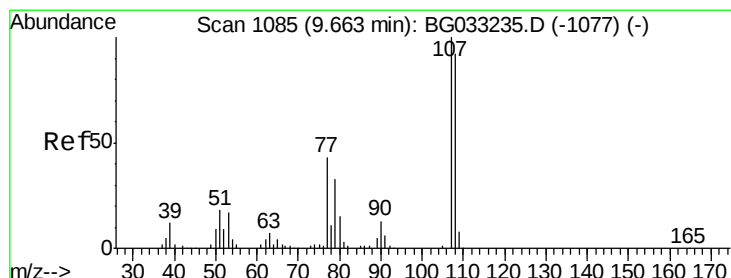
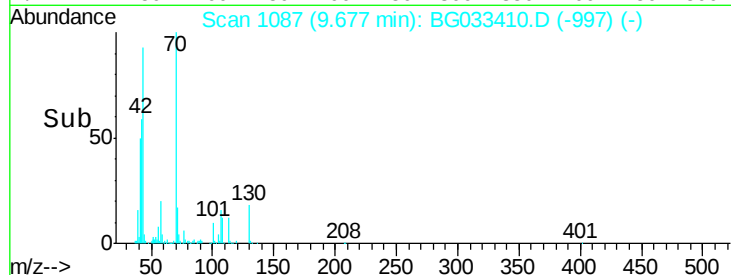
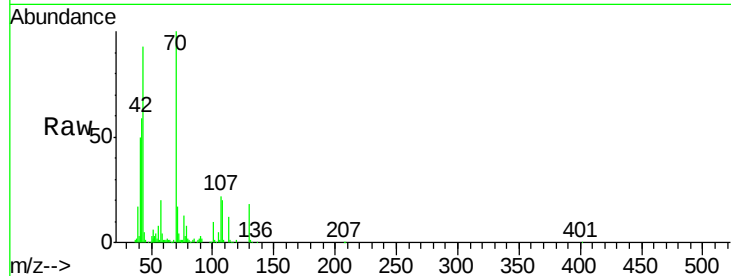
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#18
Hexachloroethane
Concen: 45.411 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

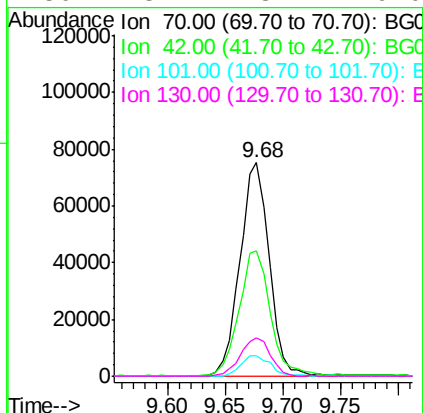
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.3	76.7	115.1	
201	133.2	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 46.337 ng
RT: 9.68 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.1	73.7
101	9.7	8.5	12.7
130	18.1	13.4	20.0



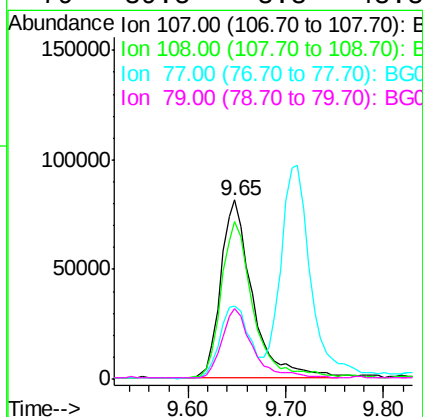
Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

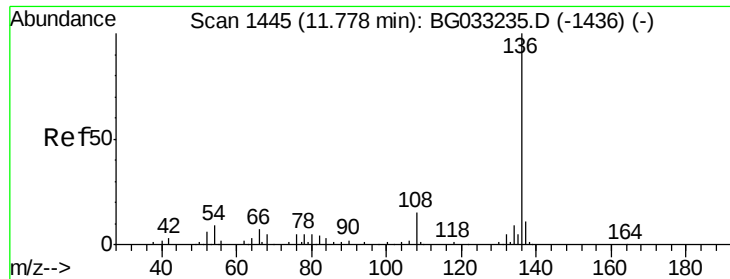
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#20
3+4-Methylphenols
Concen: 48.939 ng
RT: 9.65 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	61.6	101.6
77	40.6	13.9	53.9
79	39.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

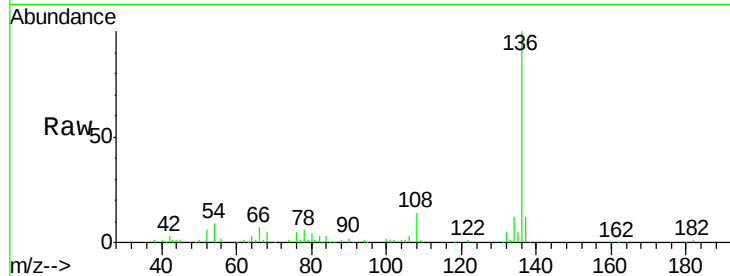
ClientSampleId :

BU-03-032618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		178207		
137	12.4	9.2	13.8		
54	9.1	10.3	15.5		
68	5.4	4.5	6.7		

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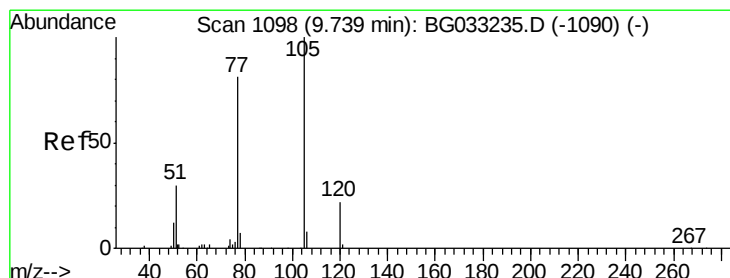
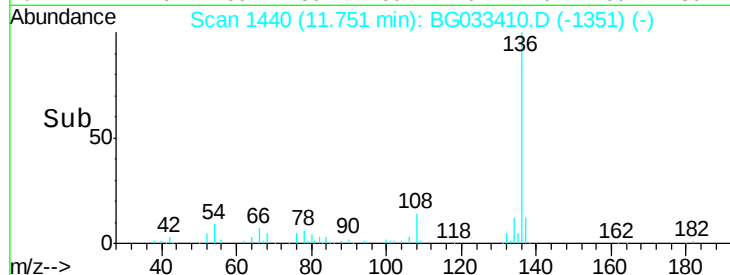
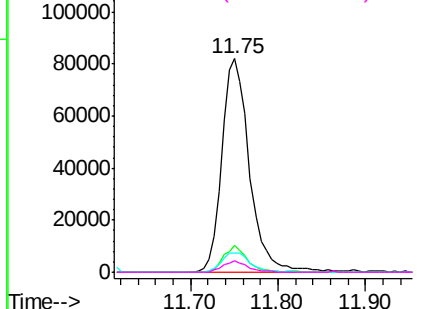
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 50.178 ng

RT: 9.71 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		244981		
71	0.4	3.0	4.4		
51	33.3	26.1	39.1		
120	20.5	17.4	26.2		

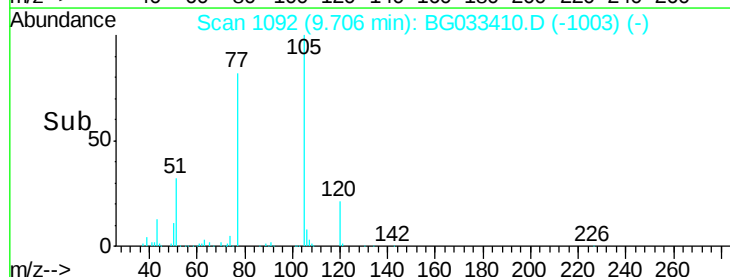
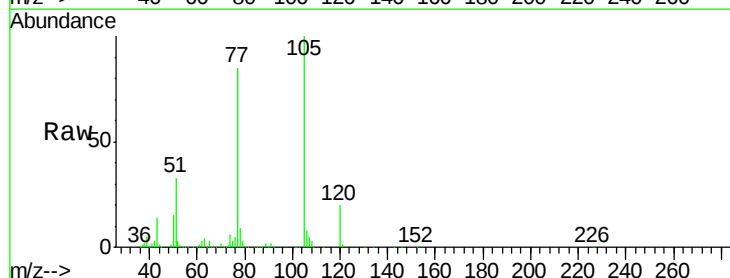
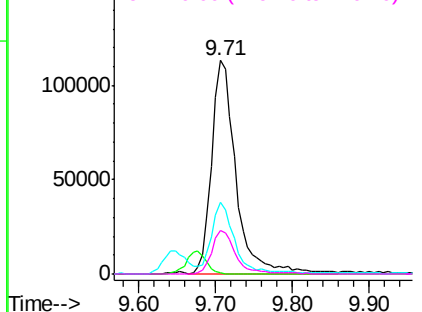
Abundance

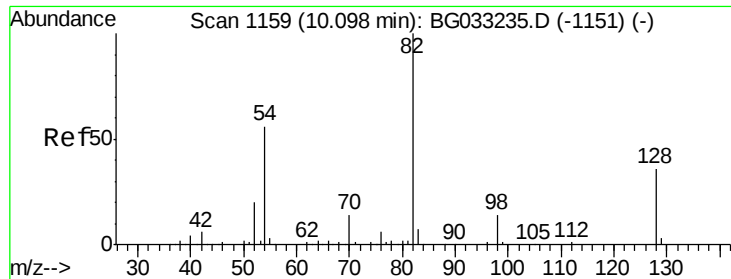
Ion 105.00 (104.70 to 105.70): E

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





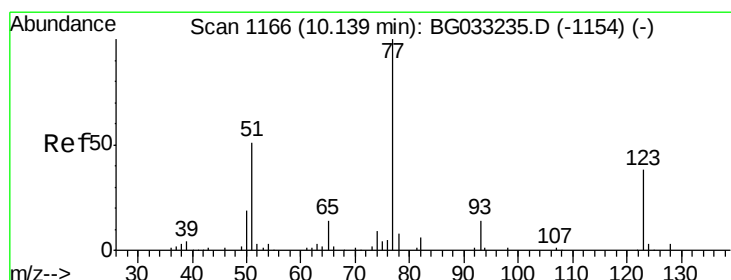
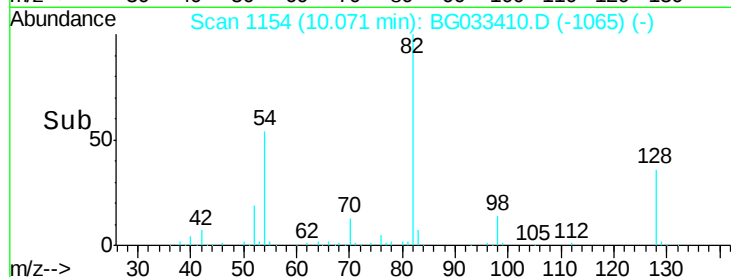
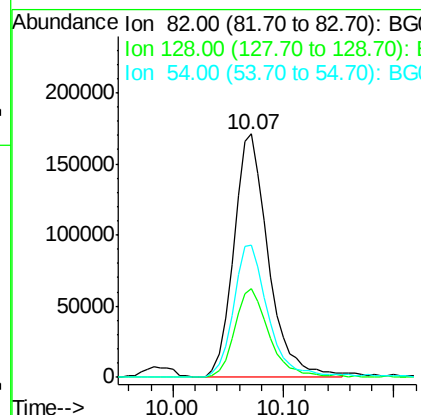
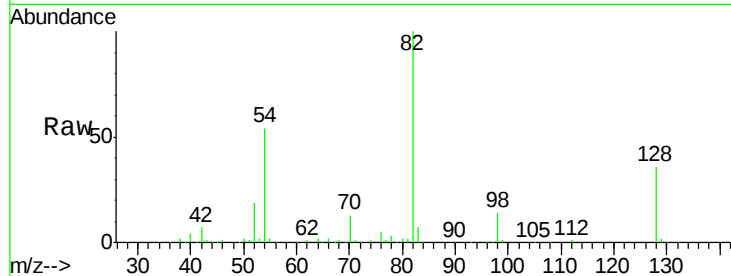
#23
 Nitrobenzene-d5
 Concen: 96.503 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.2	29.7	44.5	
54	54.2	43.1	64.7	

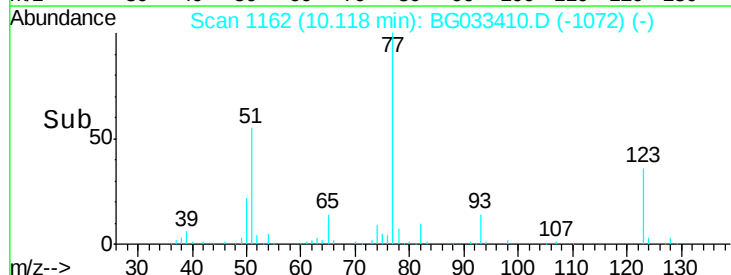
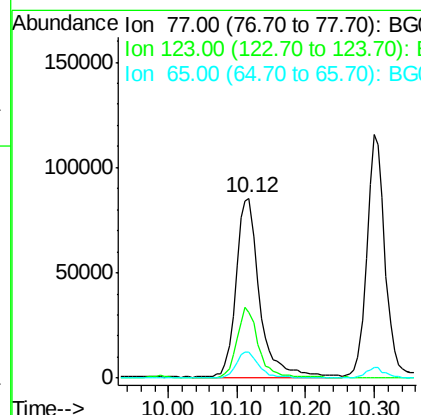
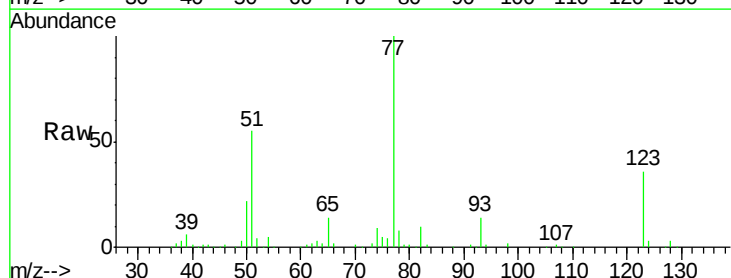
Manual Integrations
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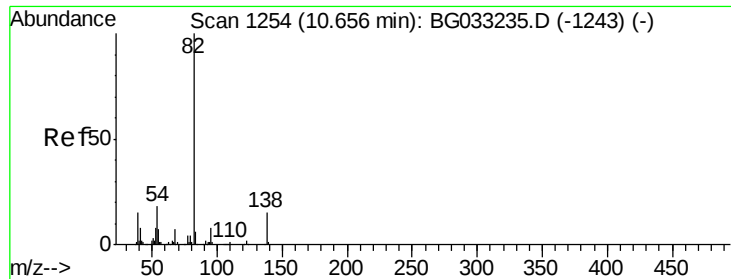
Sohil
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#24
 Nitrobenzene
 Concen: 48.495 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.2	33.0	49.6	
65	14.4	13.0	19.6	





#25

Isophorone

Concen: 51.176 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

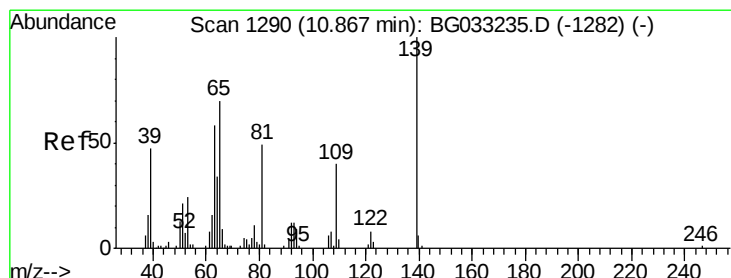
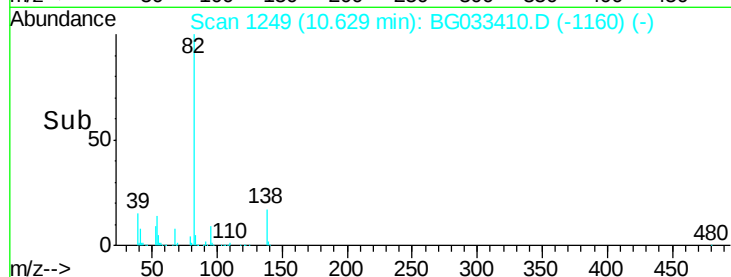
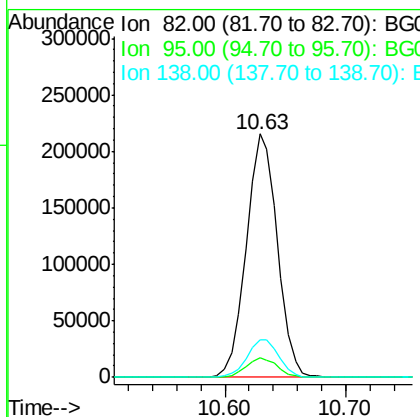
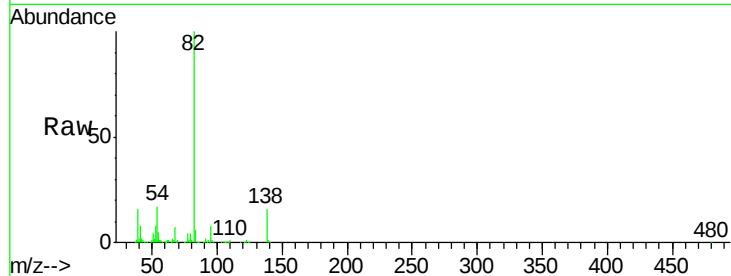
ClientSampleId :

BU-03-032618MS

Tot Ion:	82	Resp:	385256
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.2	9.2
138	15.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.732 ng

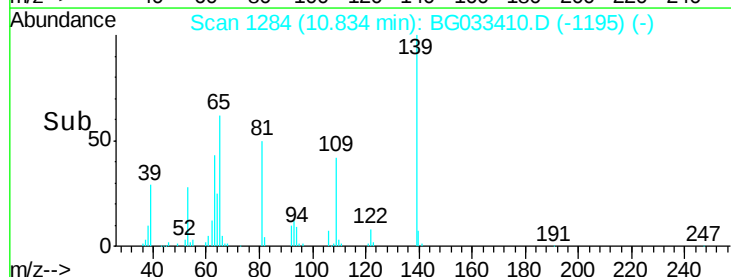
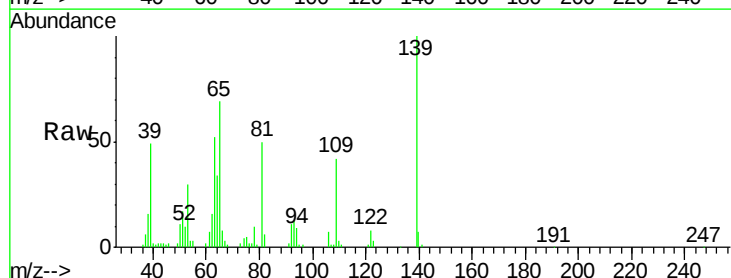
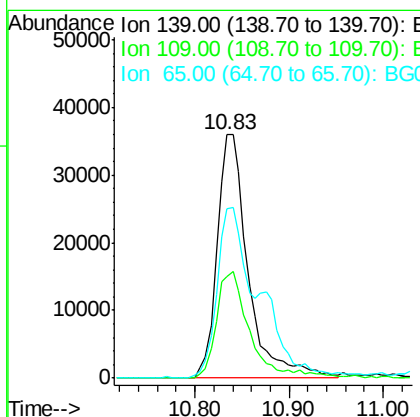
RT: 10.83 min Scan# 1284

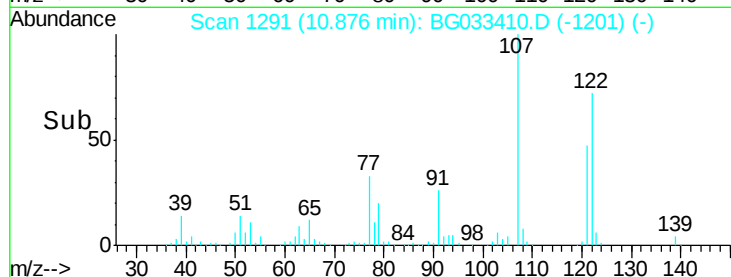
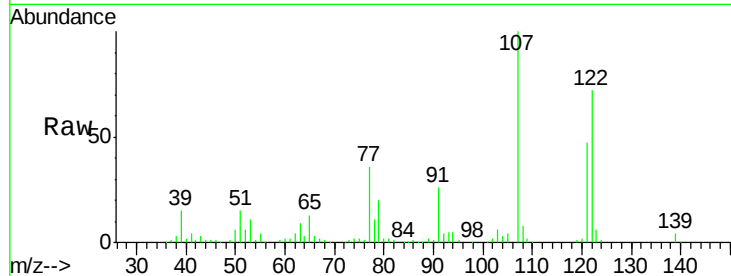
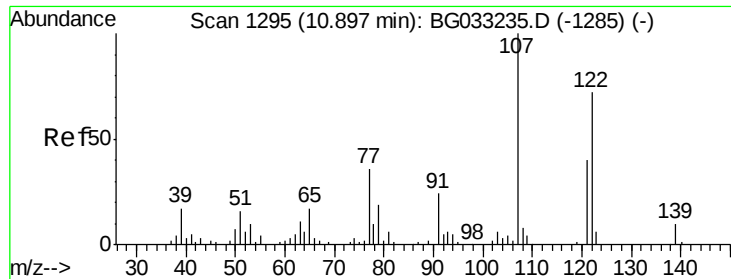
Delta R.T. -0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	139	Resp:	82885
Ion Ratio		Lower	Upper
139	100		
109	41.8	24.2	36.2
65	69.5	47.4	71.0





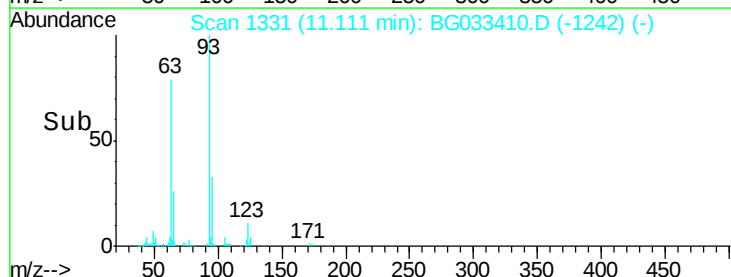
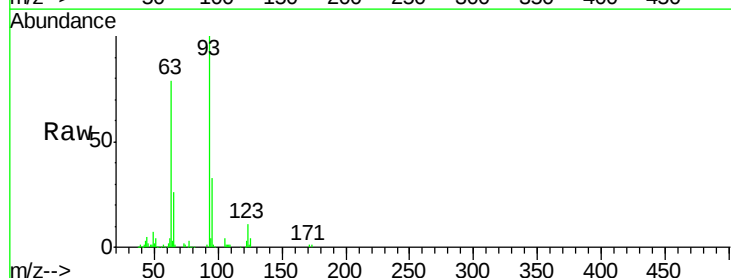
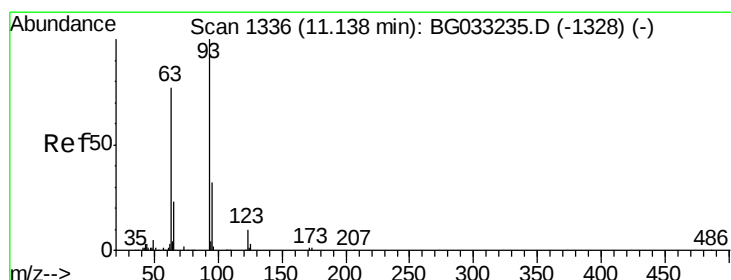
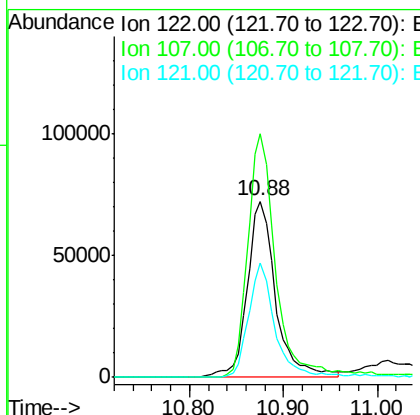
#27
2,4-Dimethylphenol
Concen: 66.690 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.1	100.2	150.2
121	64.6	44.4	66.6

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

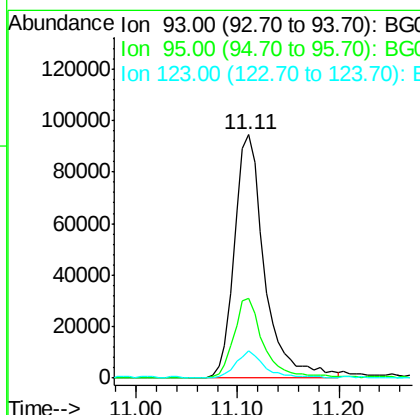
Manual Integrations
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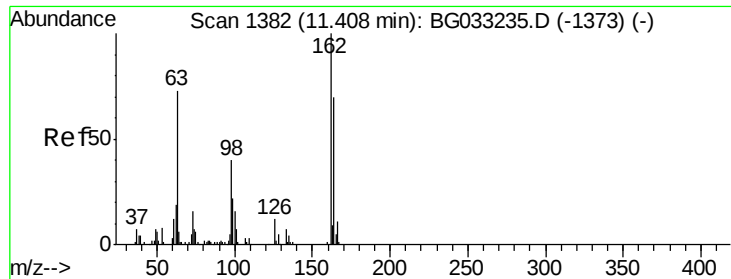
Sohil
3/29/2018 5:39:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 51.984 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.1	8.4	12.6





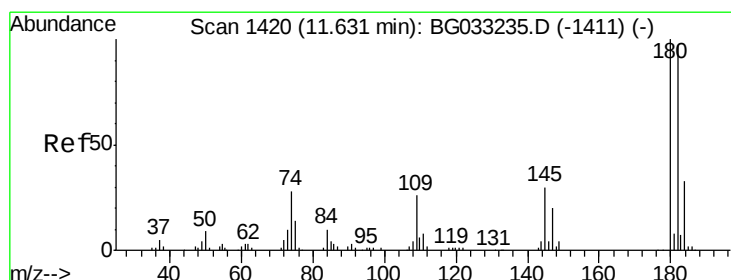
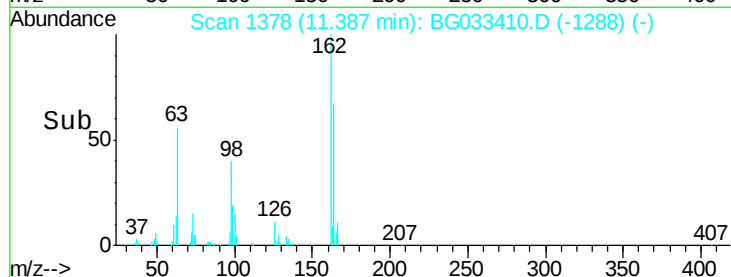
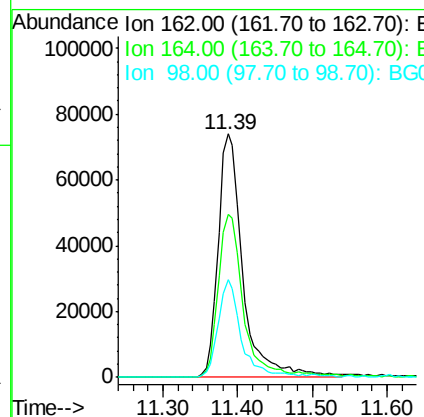
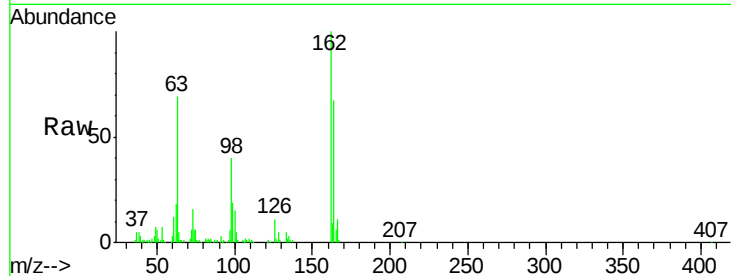
#29
2,4-Dichlorophenol
Concen: 60.647 ng
RT: 11.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	170304		
164	67.1	48.0	88.0	
98	40.1	21.1	61.1	

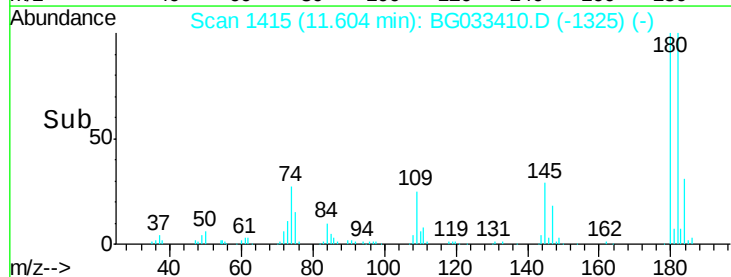
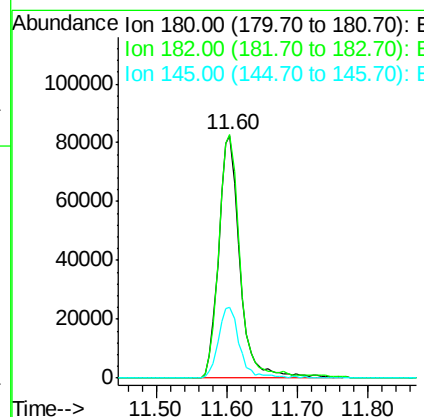
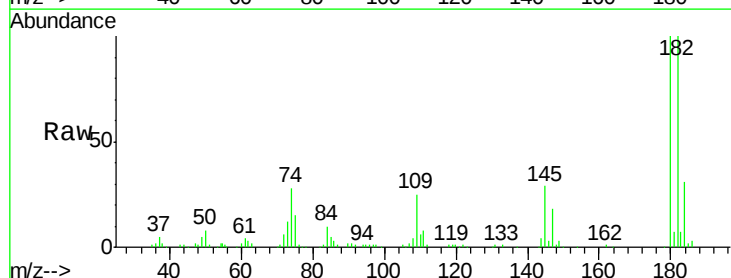
Manual Integrations
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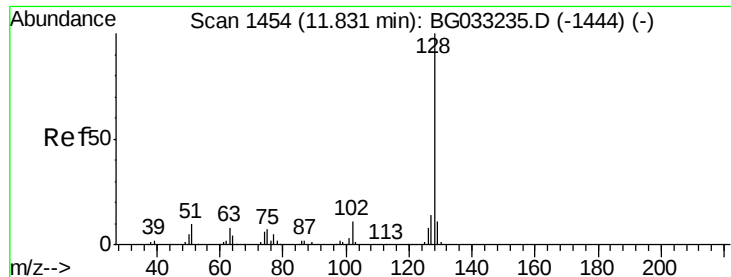
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#30
1,2,4-Trichlorobenzene
Concen: 47.154 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	172036		
182	100.4	77.5	116.3	
145	29.3	23.4	35.2	





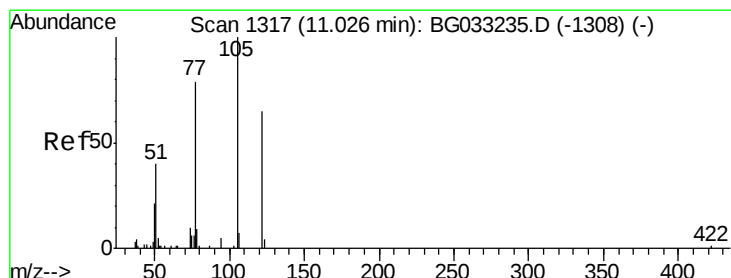
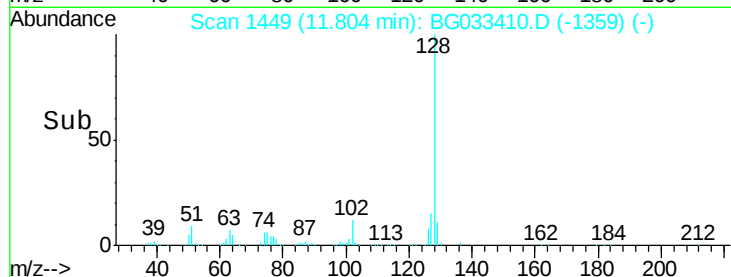
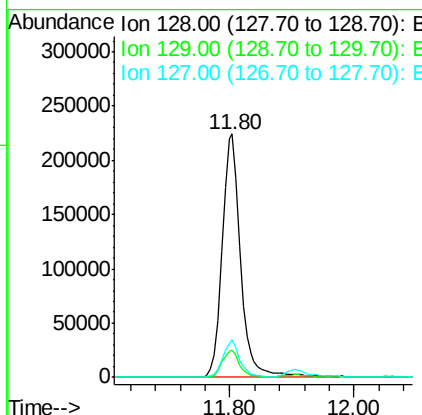
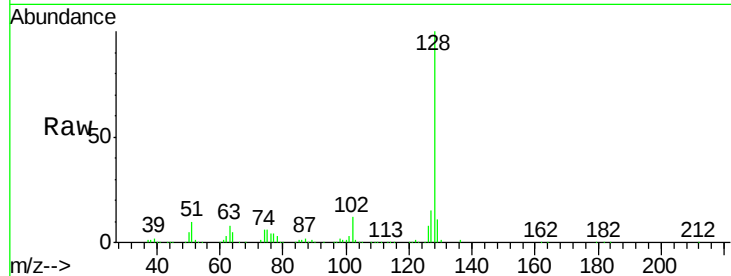
#31
Naphthalene
Concen: 50.716 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	15.4	11.6	17.4

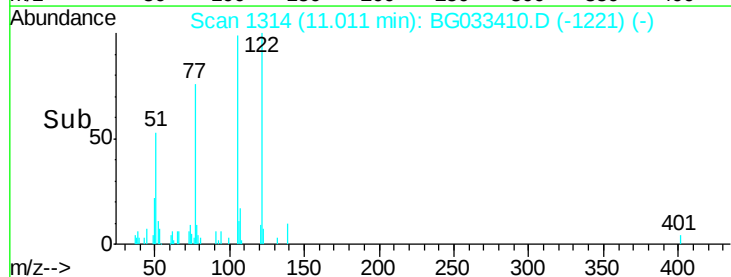
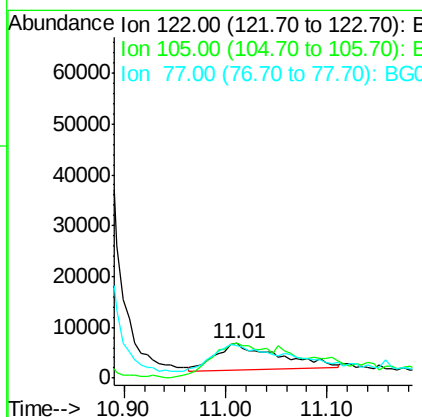
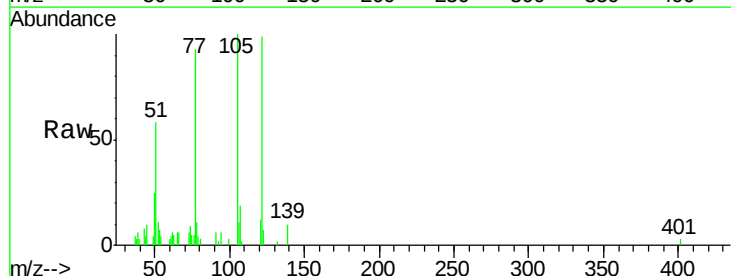
Manual Integrations
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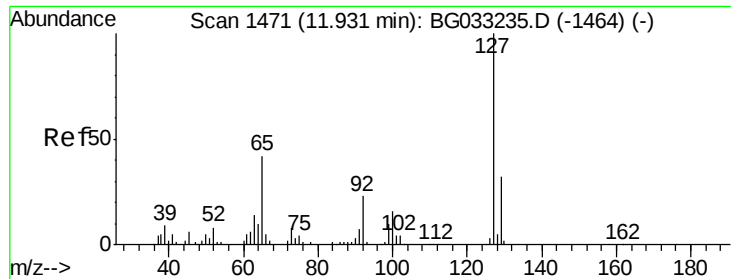
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#32
Benzoic acid
Concen: 10.386 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.4	123.5	163.5#
77	94.6	85.7	125.7





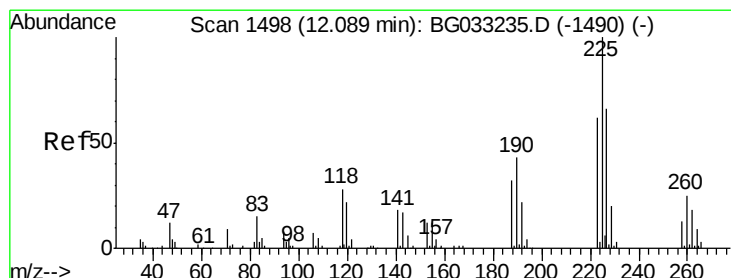
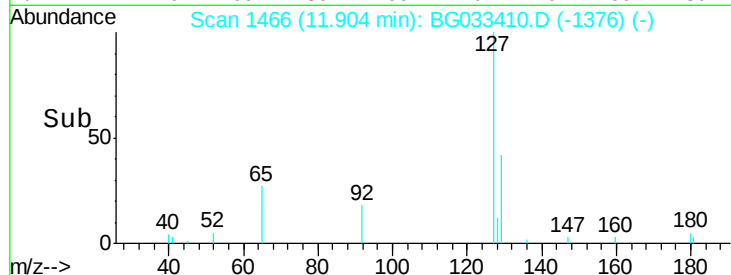
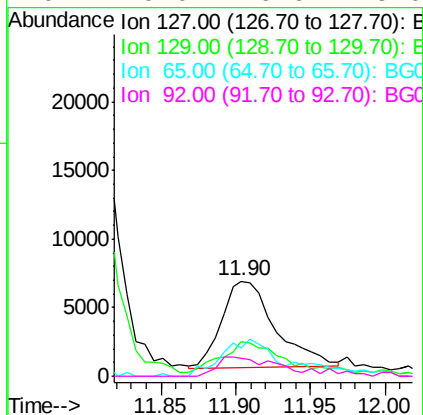
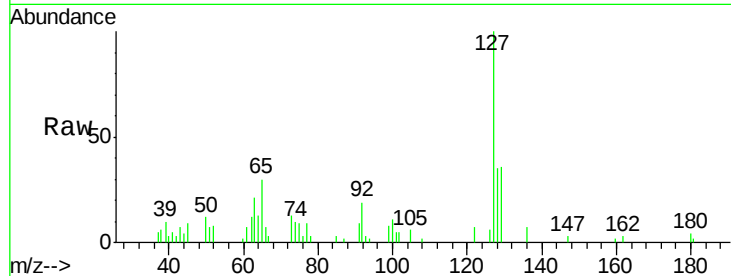
#33
 4-Chloroaniline
 Concen: 3.837 ng
 RT: 11.90 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		15875		
129	36.3	24.0	36.0#		
65	30.0	27.0	40.4		
92	19.0	16.6	25.0		

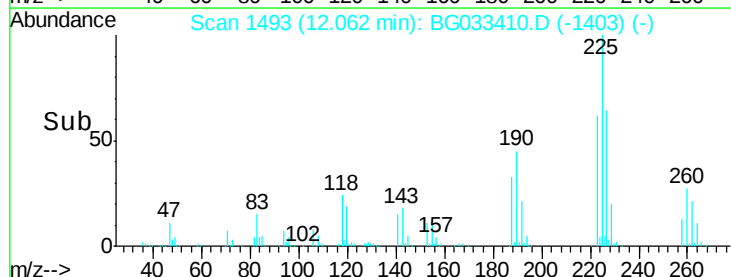
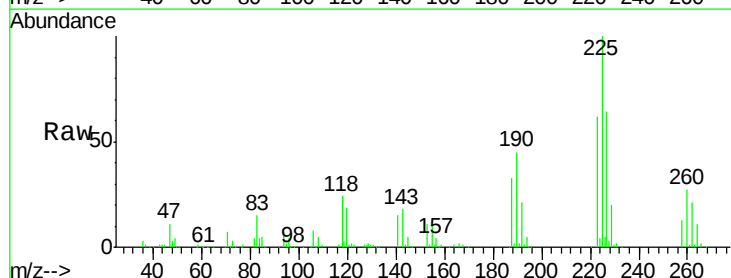
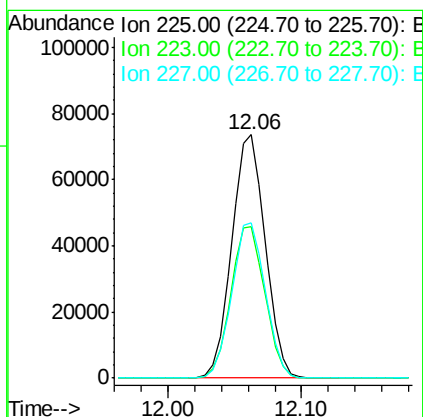
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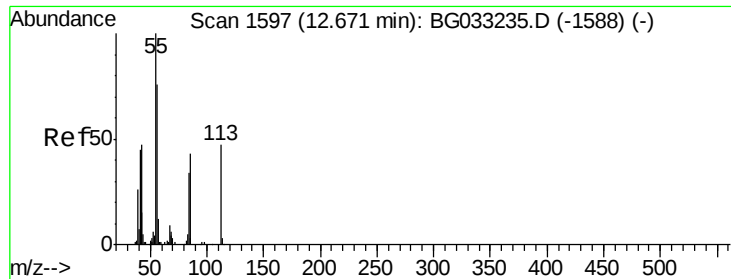
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#34
 Hexachlorobutadiene
 Concen: 46.492 ng
 RT: 12.06 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		128272		
223	62.0	49.7	74.5		
227	63.9	48.1	72.1		





#35

Caprolactam

Concen: 41.171 ng

RT: 12.66 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

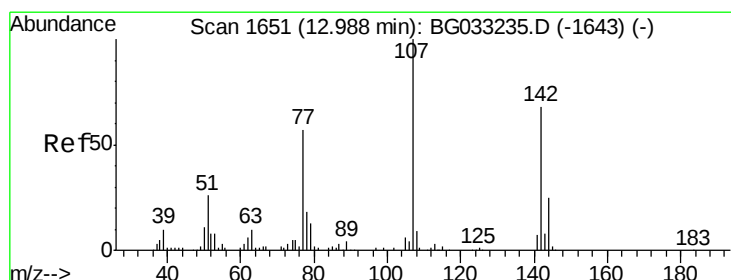
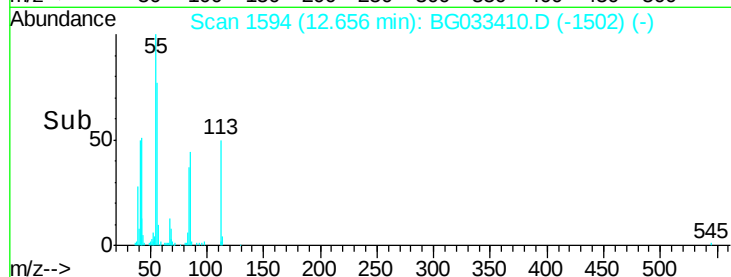
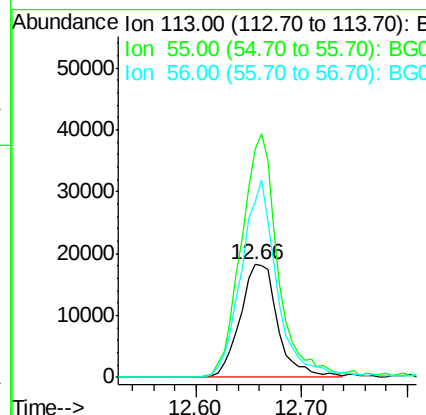
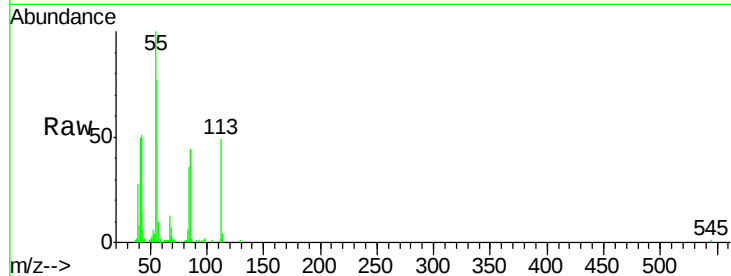
ClientSampleId :

BU-03-032618MS

Tot Ion:	113	Resp:	45293
Ion	Ratio	Lower	Upper
113	100		
55	202.7	186.9	226.9
56	156.2	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 55.350 ng

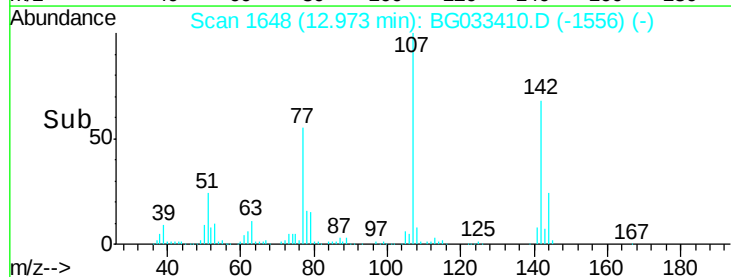
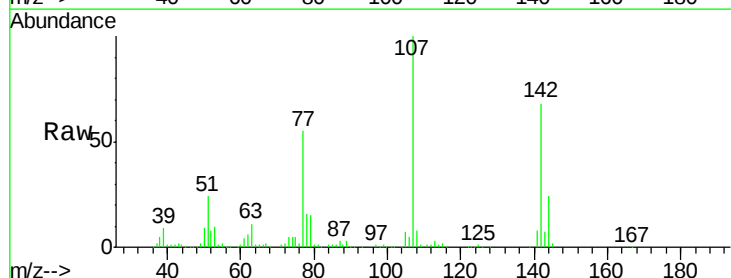
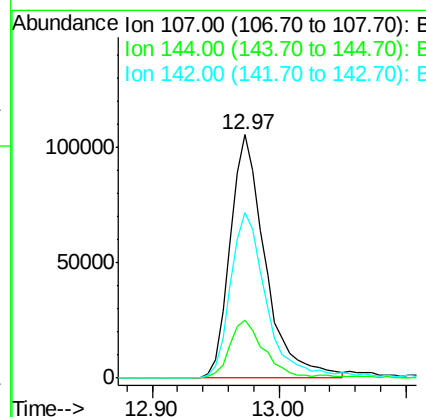
RT: 12.97 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	107	Resp:	202721
Ion	Ratio	Lower	Upper
107	100		
144	23.8	18.2	27.4
142	67.7	59.0	88.4





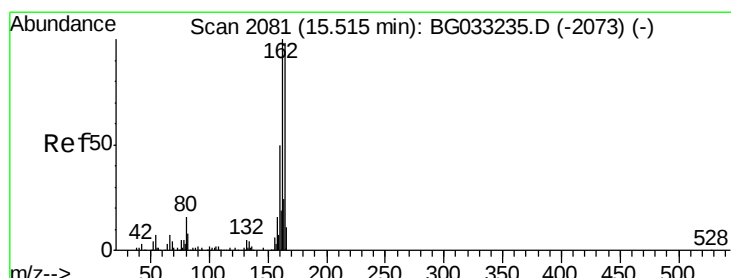
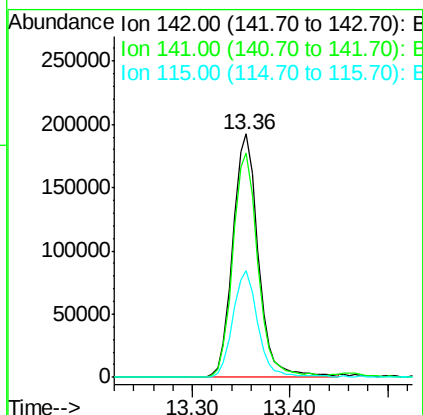
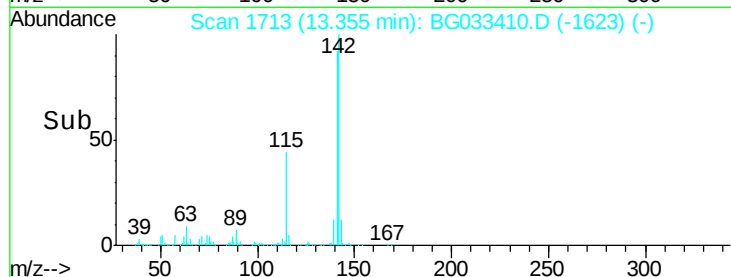
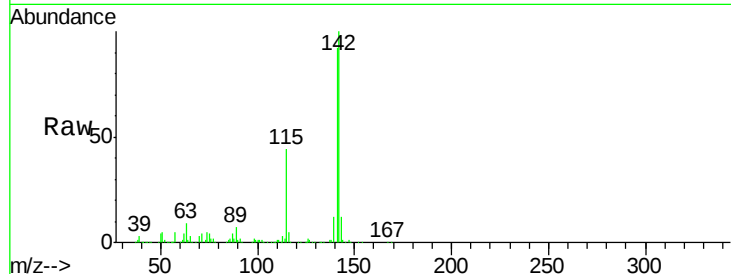
#37
2-Methylnaphthalene
Concen: 48.927 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.1	100.7
115	44.0	30.7	46.1

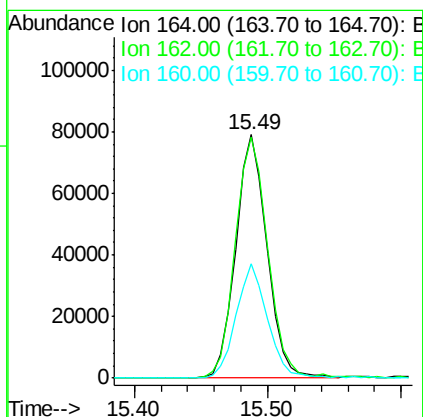
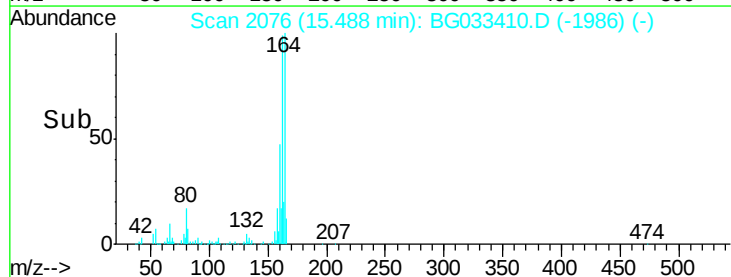
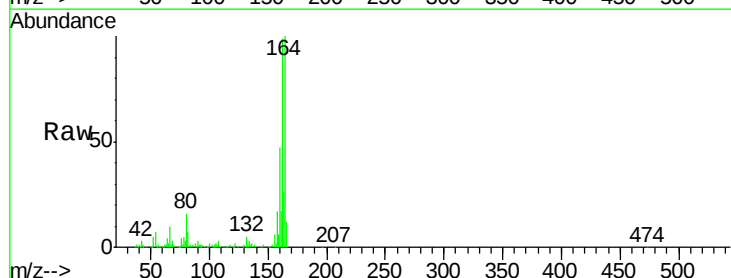
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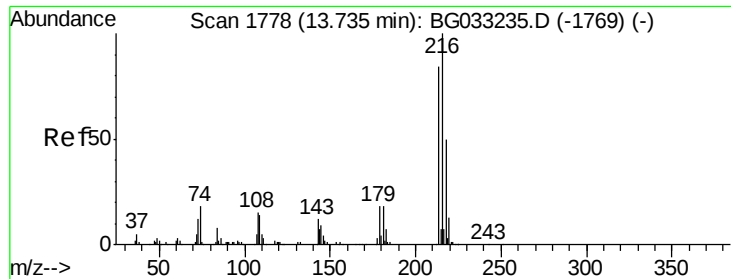
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	46.9	35.4	53.0





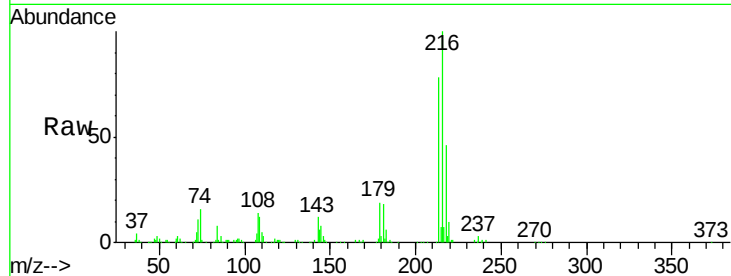
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.125 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

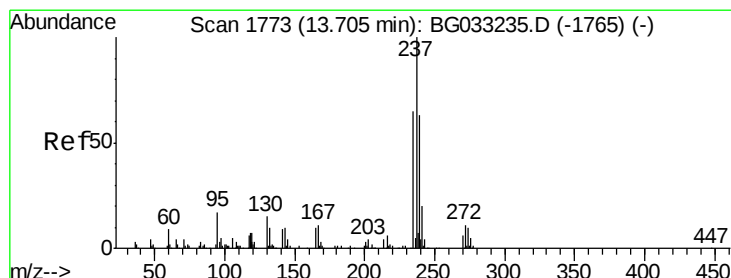
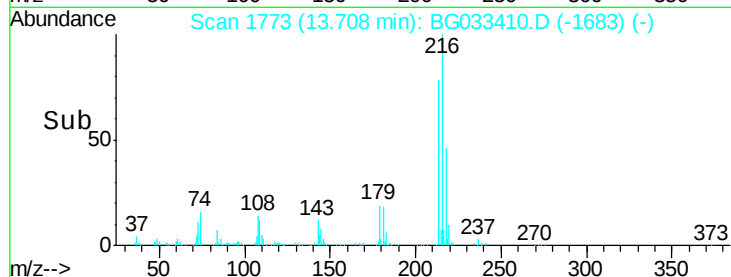
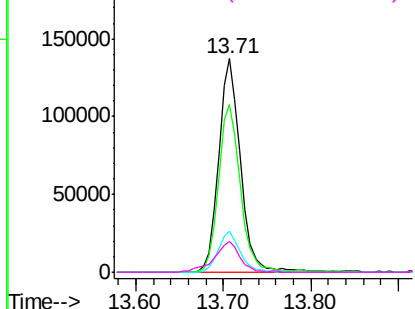
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		237138		
214	78.4		63.0	94.4	
179	19.5		17.0	25.6	
108	17.3		12.8	19.2	

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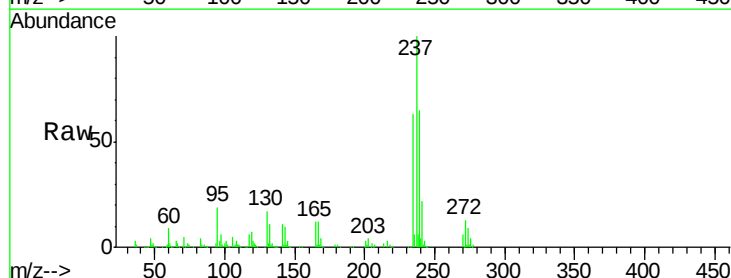


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

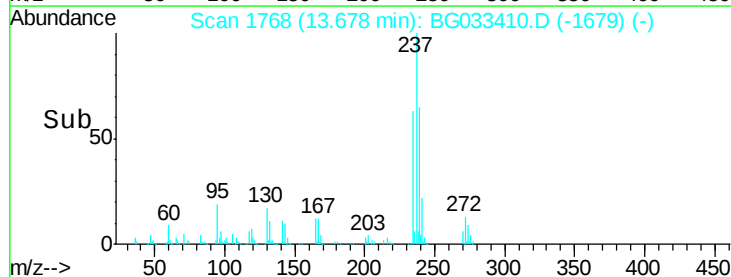
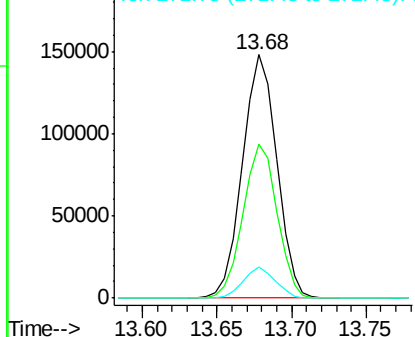


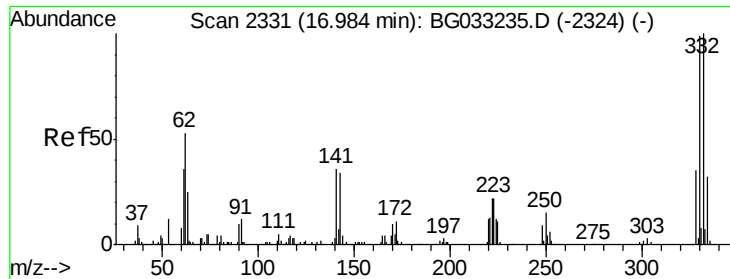
#40
 Hexachlorocyclopentadiene
 Concen: 86.464 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		235108		
235	63.2		50.4	90.4	
272	12.6		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





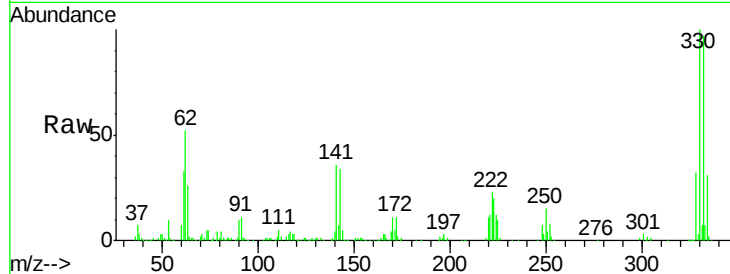
#41
 2,4,6-Tribromophenol
 Concen: 158.971 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

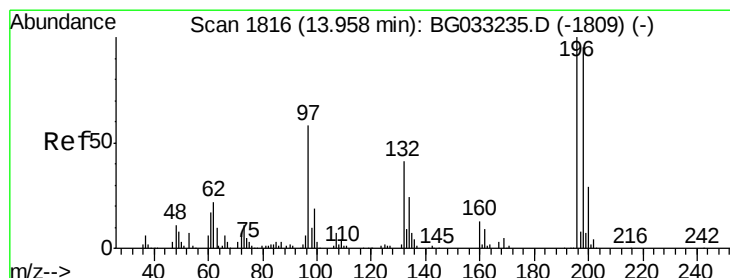
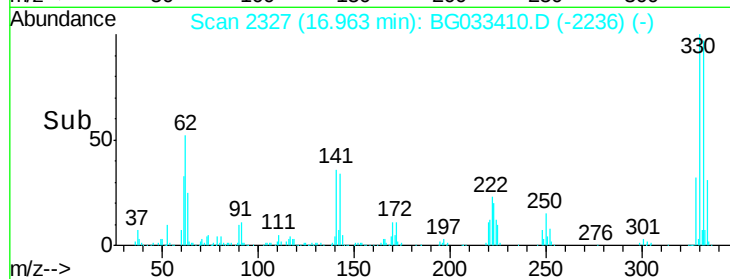
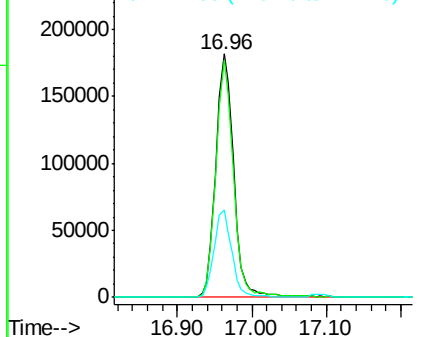
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.8	77.0	115.6	
141	35.8	25.2	37.8	

Manual Integrations
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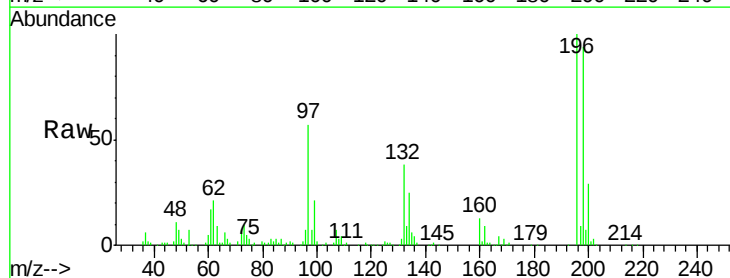


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

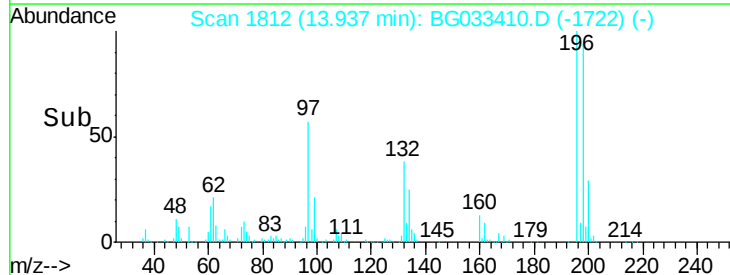
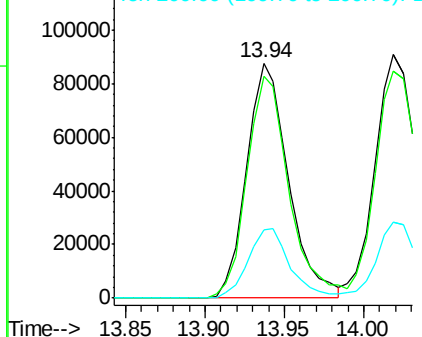


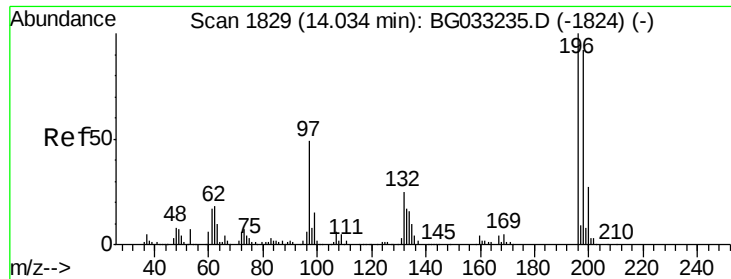
#42
 2,4,6-Trichlorophenol
 Concen: 59.816 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	78.2	117.2	
200	29.1	24.6	36.8	



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





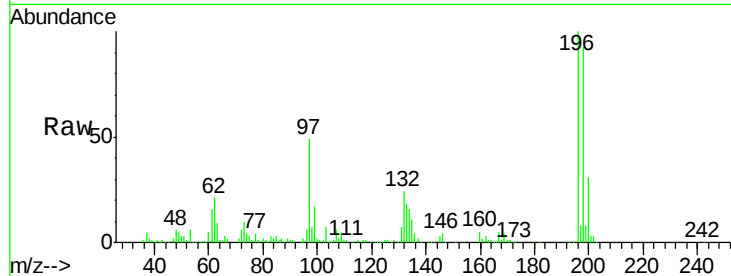
#43
 2,4,5-Trichlorophenol
 Concen: 57.511 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

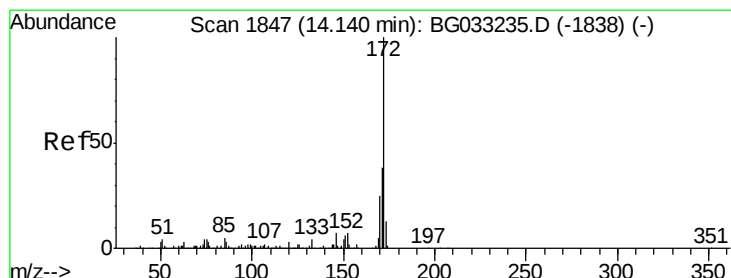
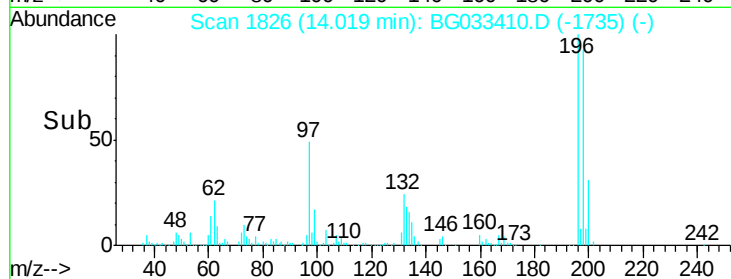
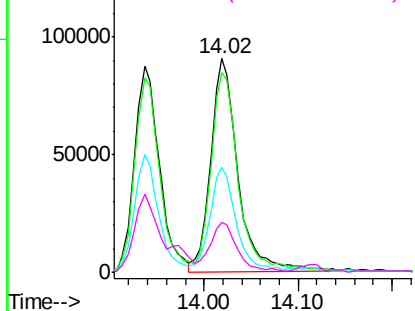
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		183196		
198	93.2	76.2	114.4		
97	49.4	38.7	58.1		
132	23.6	20.2	30.2		

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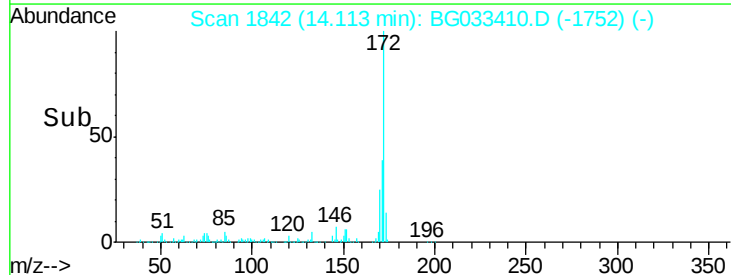
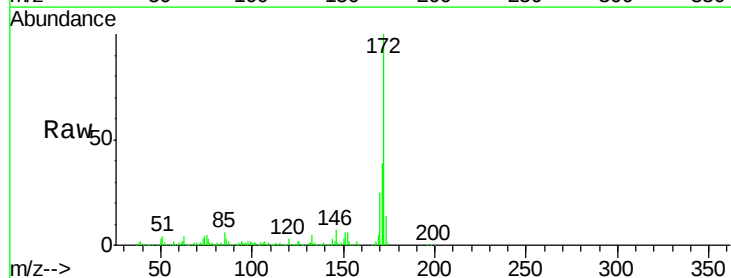
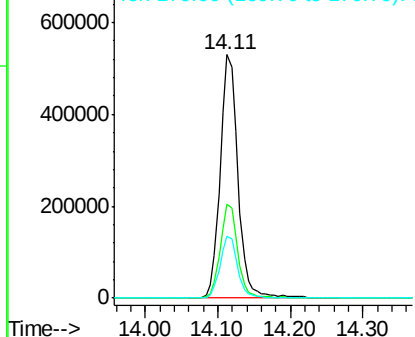
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

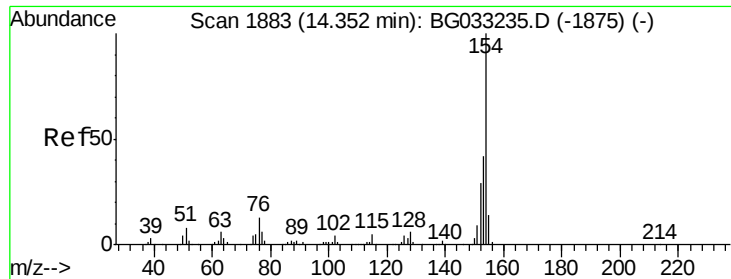


#44
 2-Fluorobiphenyl
 Concen: 101.916 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		904017		
171	38.7	30.0	45.0		
170	25.2	19.5	29.3		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





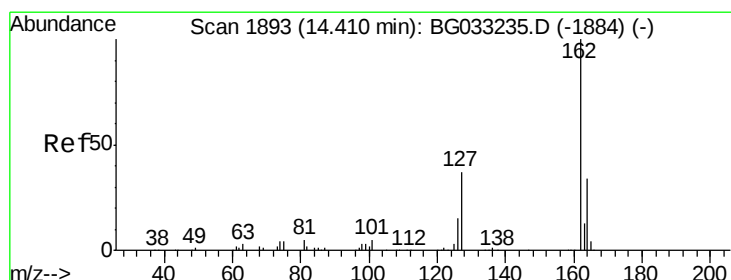
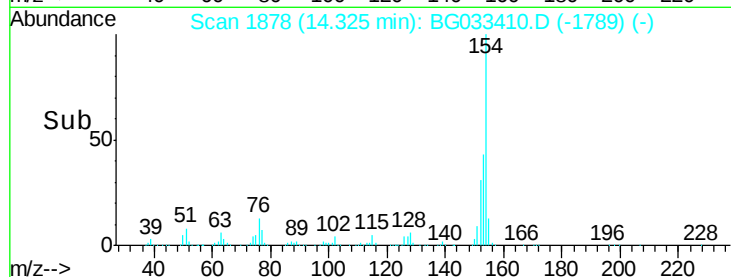
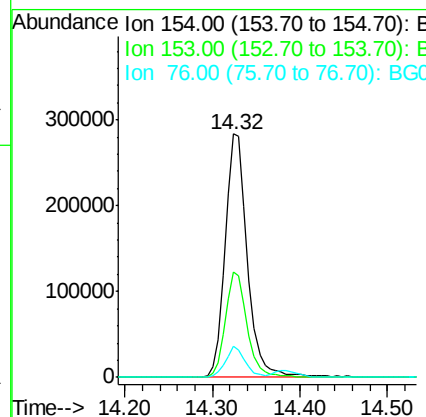
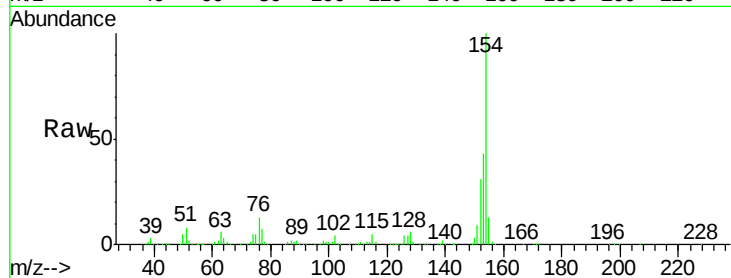
#45
 1,1'-Biphenyl
 Concen: 50.710 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.8	59.8
76	12.6	0.0	31.9

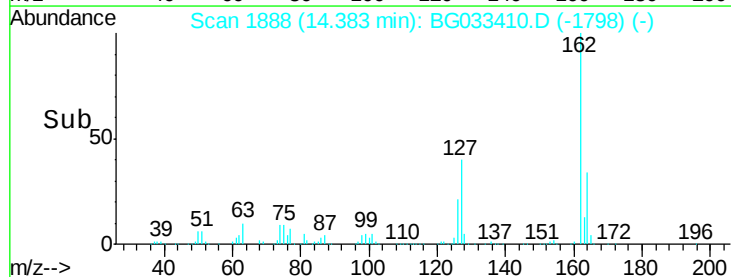
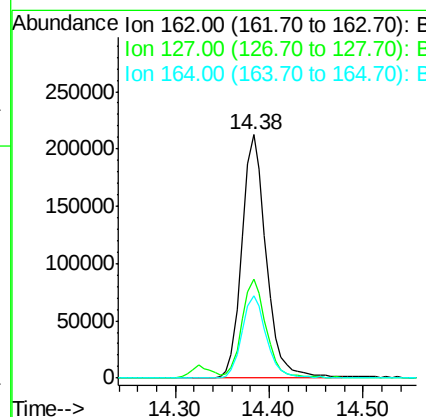
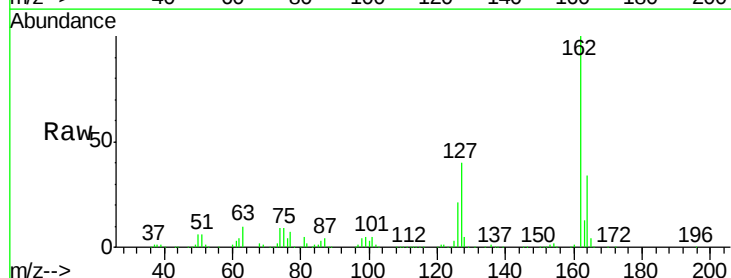
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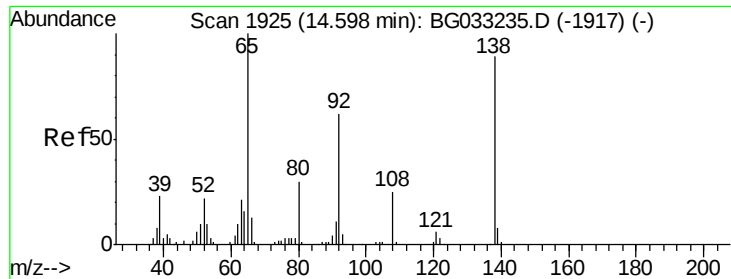
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#46
 2-Chloronaphthalene
 Concen: 50.478 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	33.7	26.0	39.0





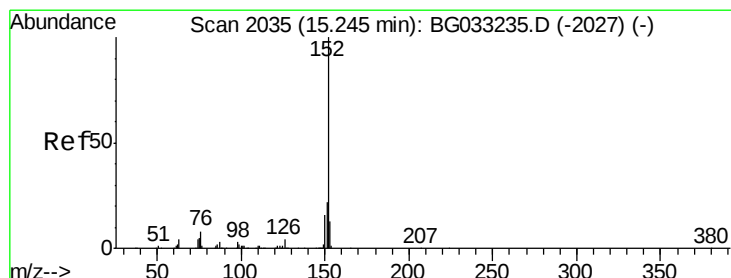
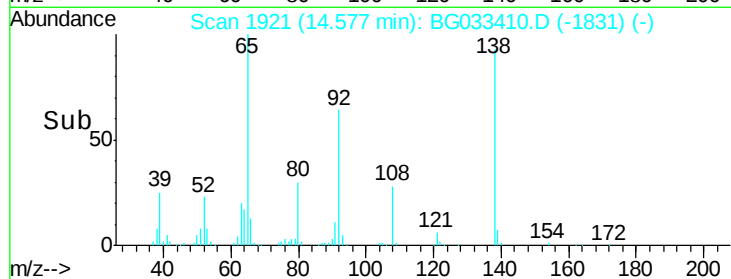
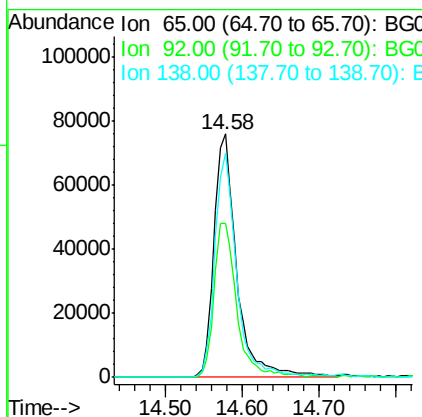
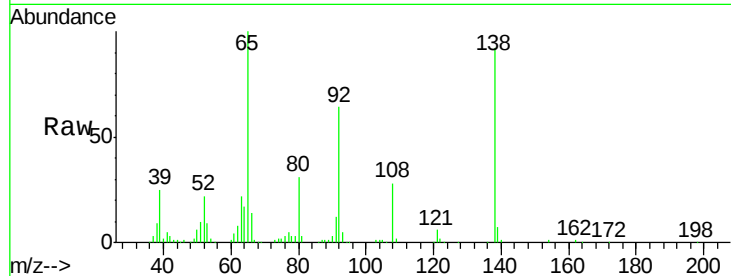
#47
2-Nitroaniline
Concen: 54.413 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154600		
92	63.5	54.6	82.0	
138	92.1	72.9	109.3	

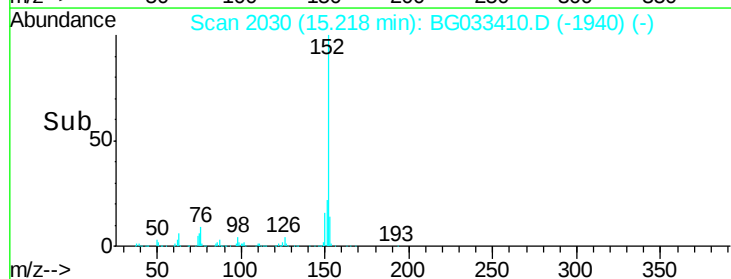
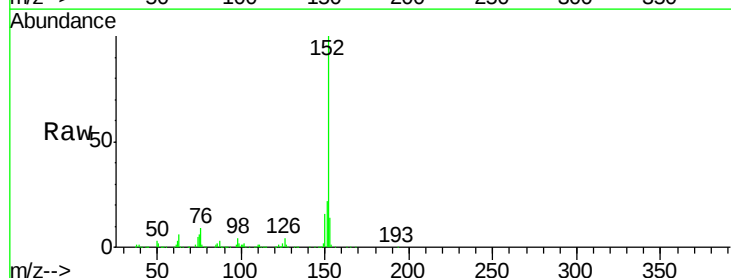
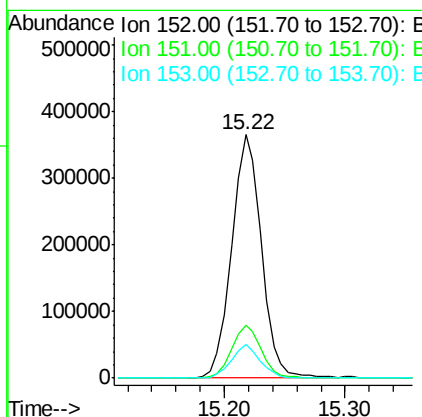
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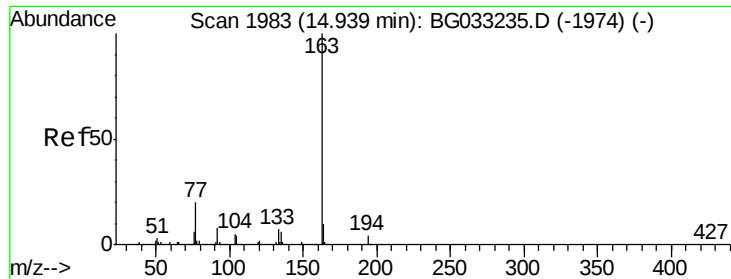
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#48
Acenaphthylene
Concen: 49.189 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	622825		
151	21.9	17.2	25.8	
153	13.6	10.2	15.4	





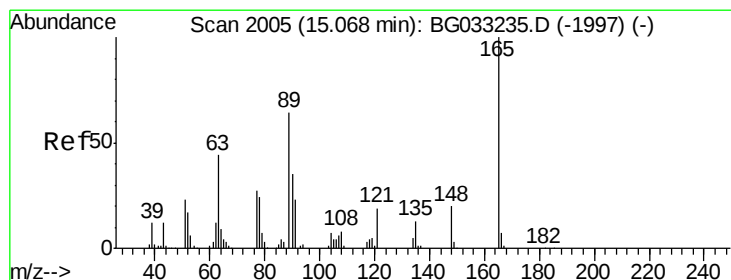
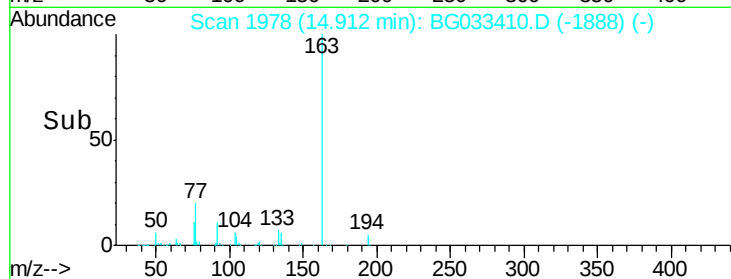
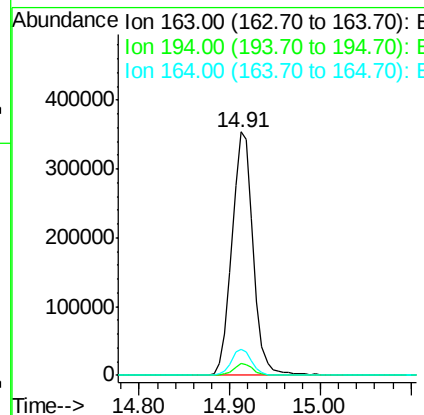
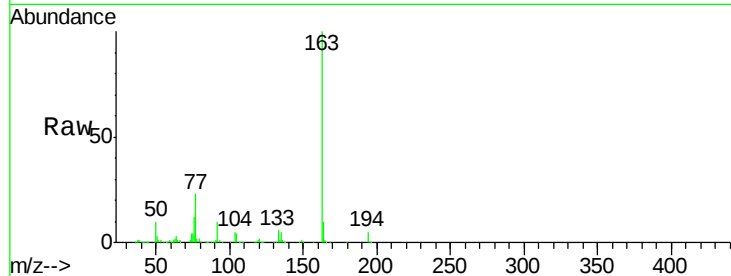
#49
Dimethylphthalate
Concen: 51.577 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	574780		
194	4.8		3.4	5.2
164	10.5		8.2	12.4

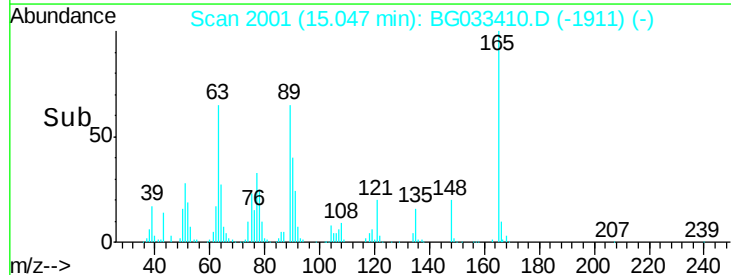
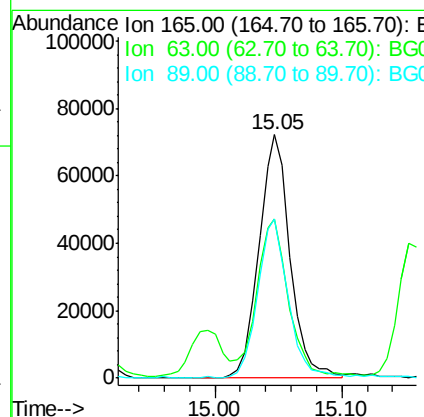
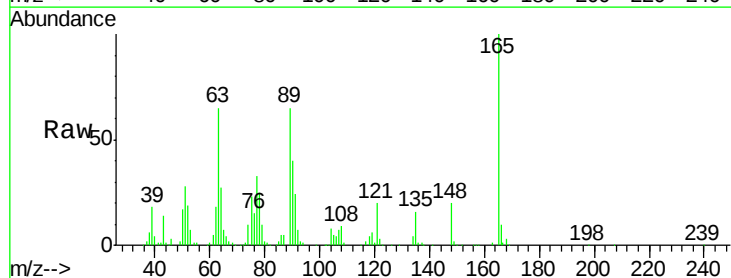
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#50
2,6-Dinitrotoluene
Concen: 53.996 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123039		
63	65.2		52.7	79.1
89	65.1		49.2	73.8





#51

Acenaphthene

Concen: 52.177 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

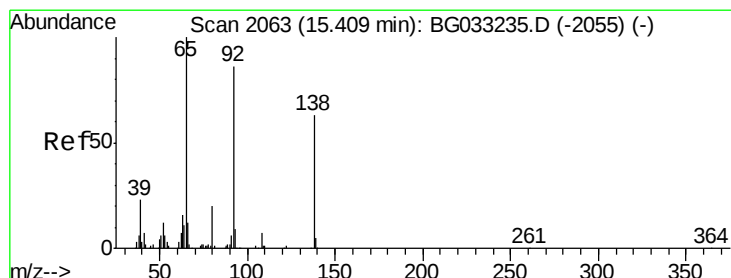
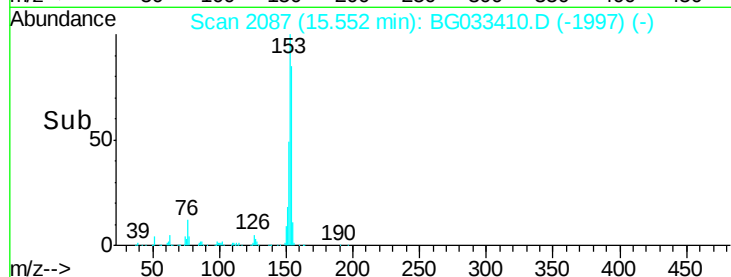
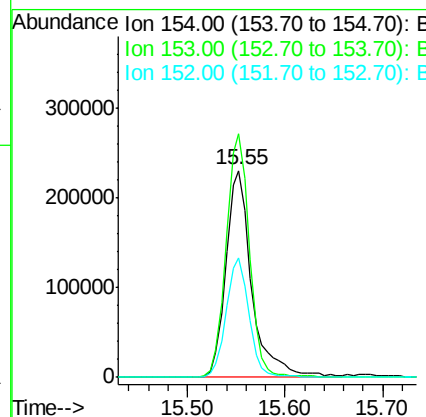
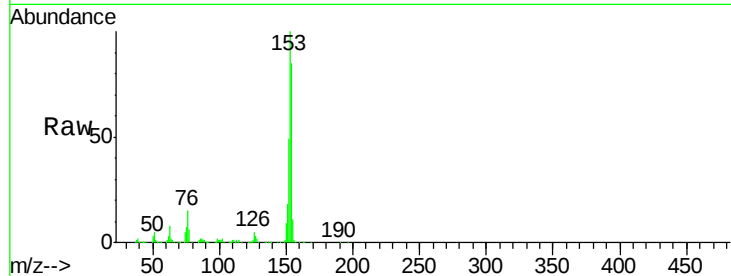
ClientSampleId :

BU-03-032618MS

Tot Ion	154	Resp	425889
Ion Ratio	Lower	Upper	
154	100		
153	117.8	90.4	135.6
152	57.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 11.822 ng

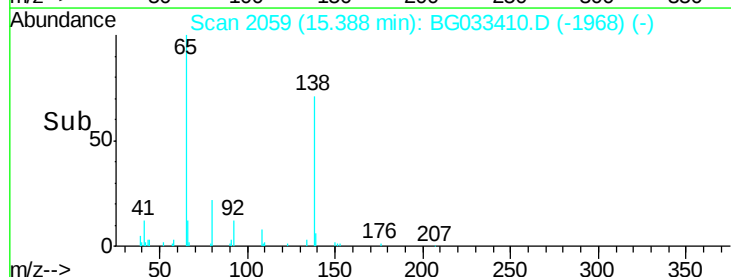
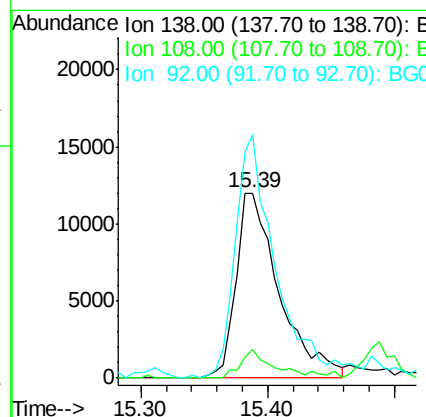
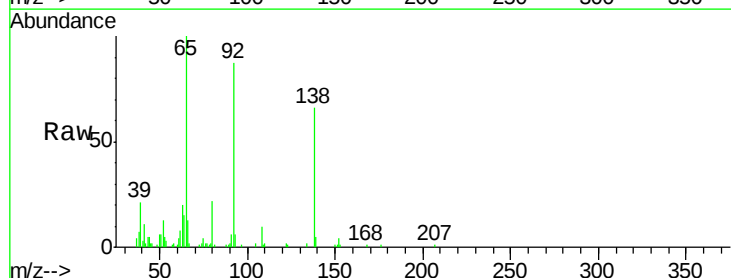
RT: 15.39 min Scan# 2059

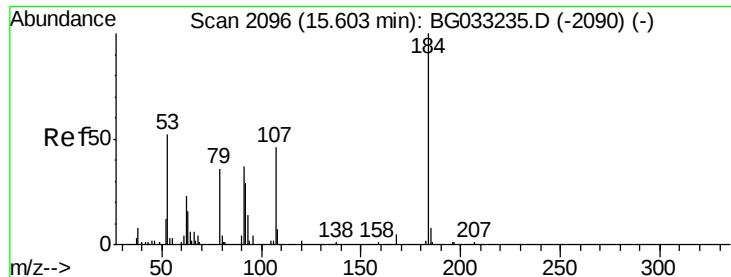
Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion	138	Resp	28242
Ion Ratio	Lower	Upper	
138	100		
108	15.4	17.5	26.3#
92	131.6	105.8	158.8





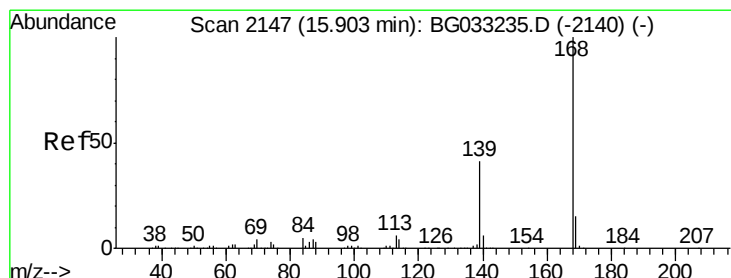
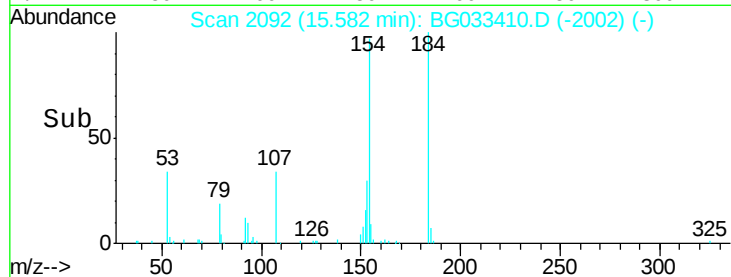
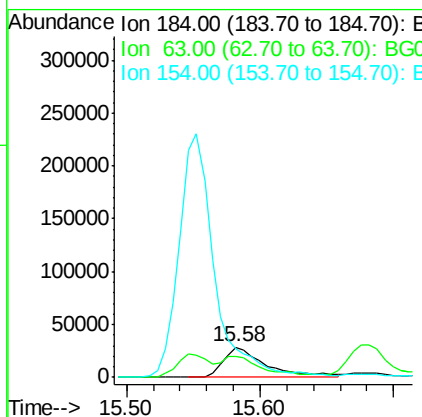
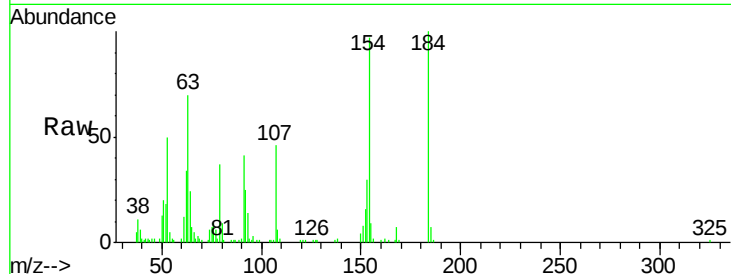
#53
2,4-Dinitrophenol
Concen: 56.271 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.7	59.8	89.8
154	96.5	101.8	152.8#

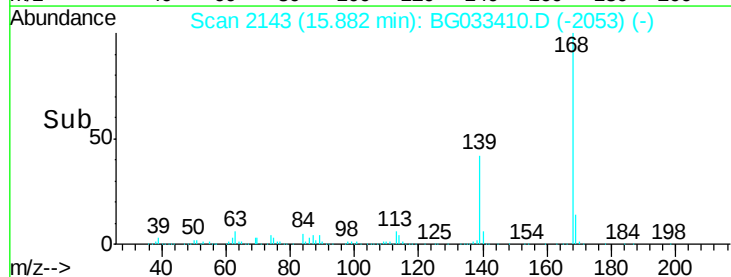
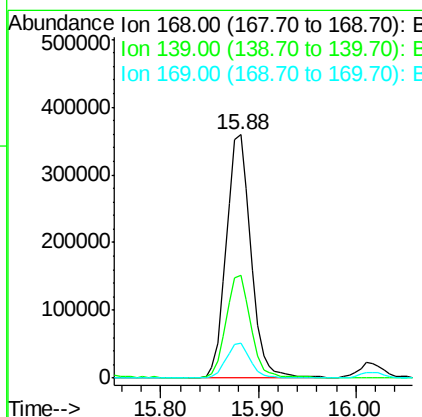
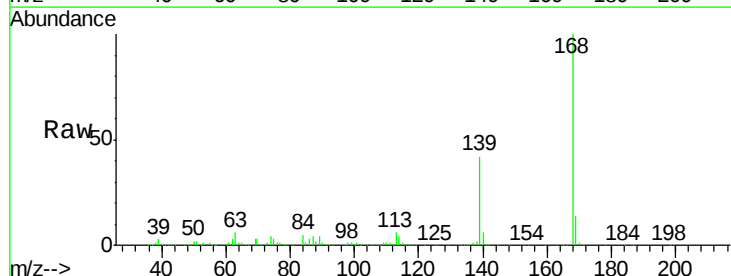
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#54
Dibenzofuran
Concen: 52.444 ng
RT: 15.88 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	28.6	43.0
169	14.3	11.2	16.8





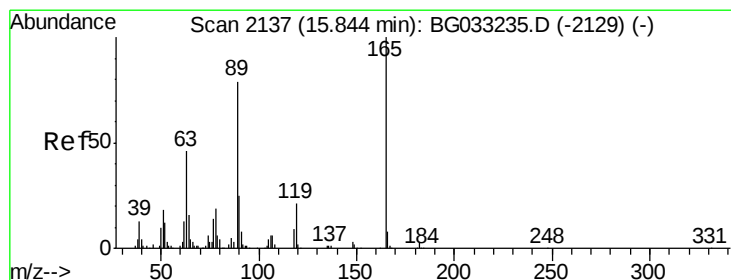
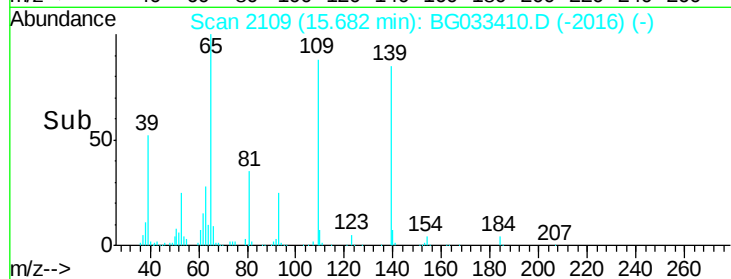
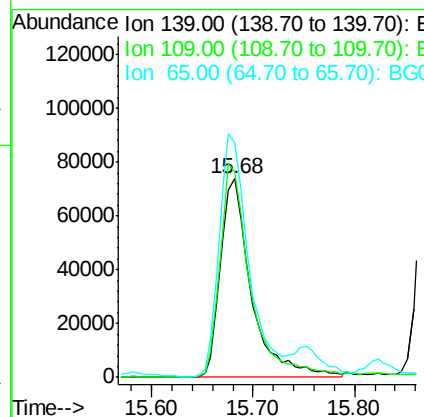
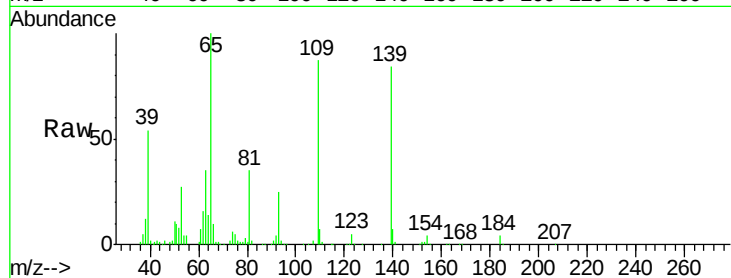
#55
4-Nitrophenol
Concen: 93.307 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	103.6	62.2	102.2#
65	118.5	97.2	137.2

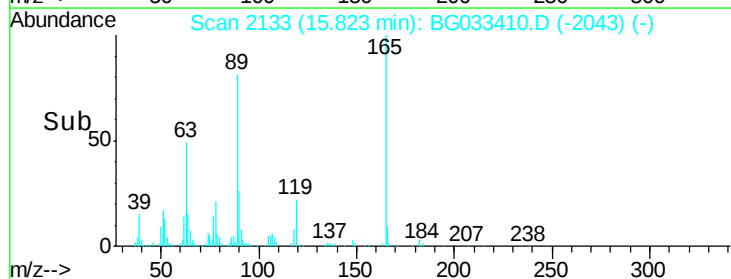
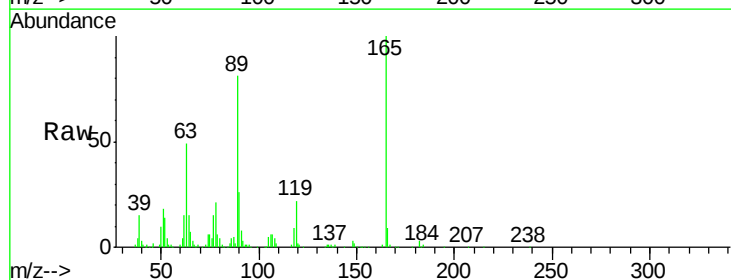
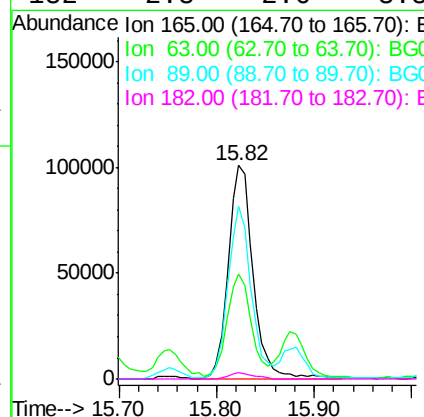
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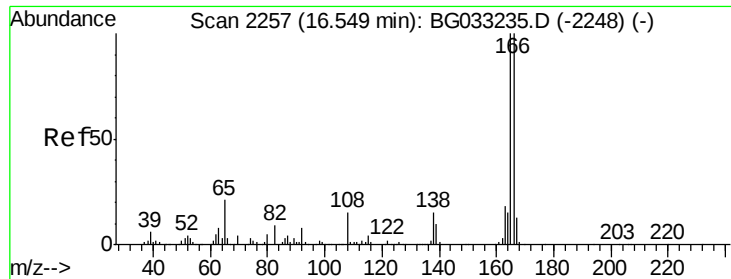
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#56
2,4-Dinitrotoluene
Concen: 53.211 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	42.0	63.0
89	80.7	66.9	100.3
182	2.8	2.6	3.8





#57

Fluorene

Concen: 51.370 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

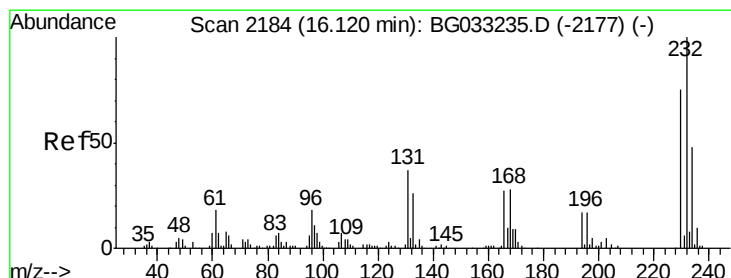
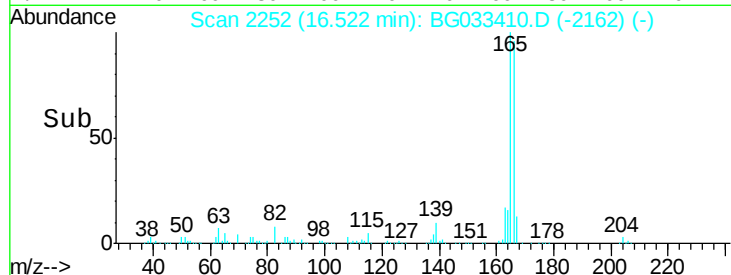
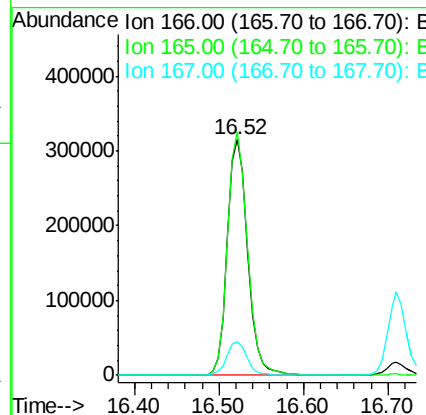
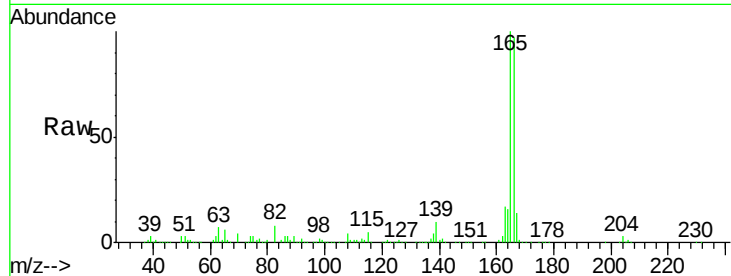
ClientSampleId :

BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.2	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.337 ng

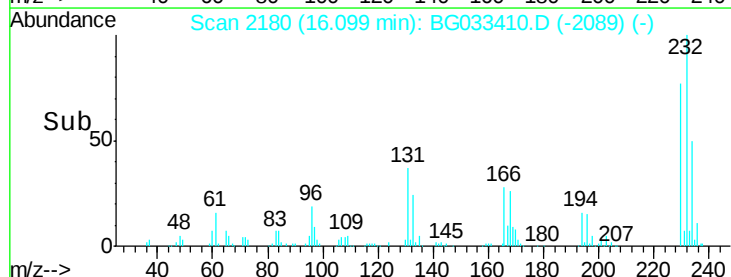
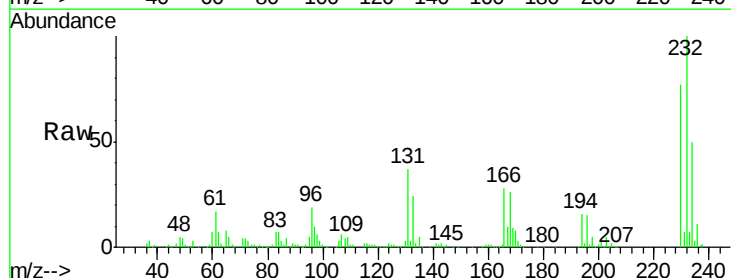
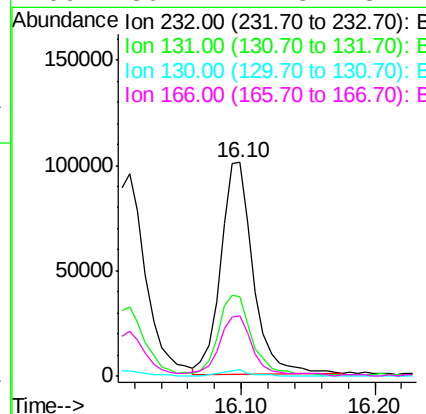
RT: 16.10 min Scan# 2180

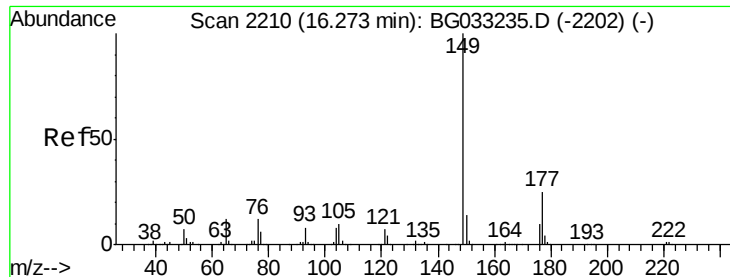
Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.7	33.5	50.3
130	2.4	2.2	3.2
166	30.1	24.8	37.2





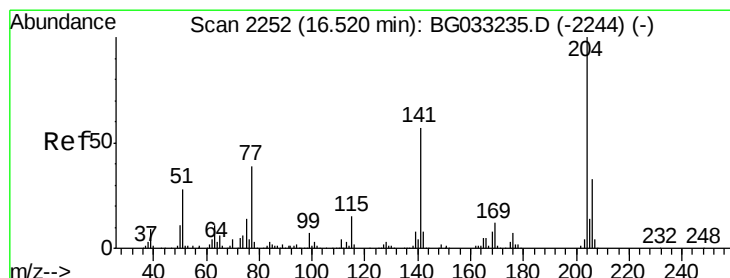
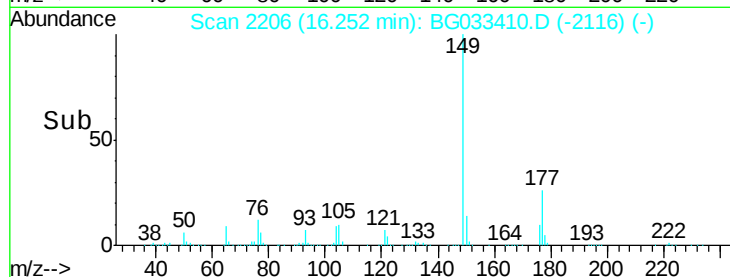
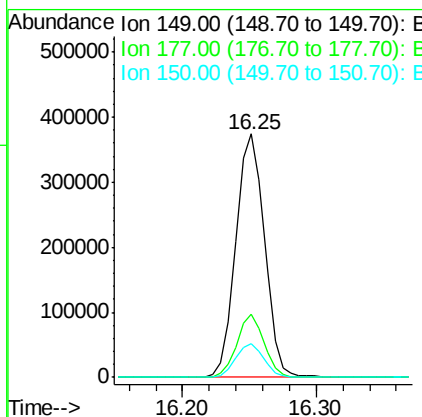
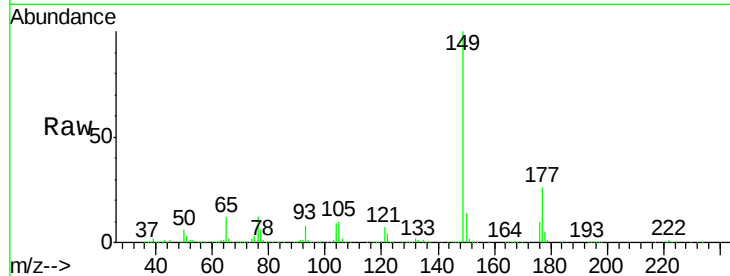
#59
Diethylphthalate
Concen: 51.664 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.9	18.5	27.7
150	13.6	10.2	15.2

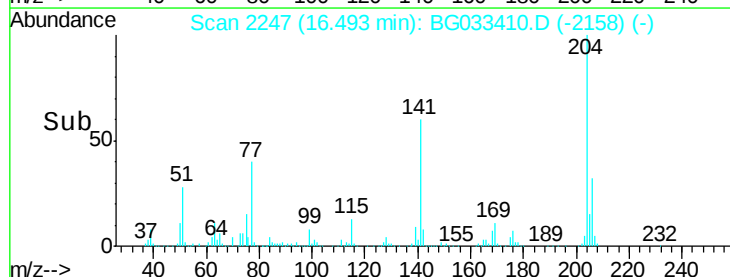
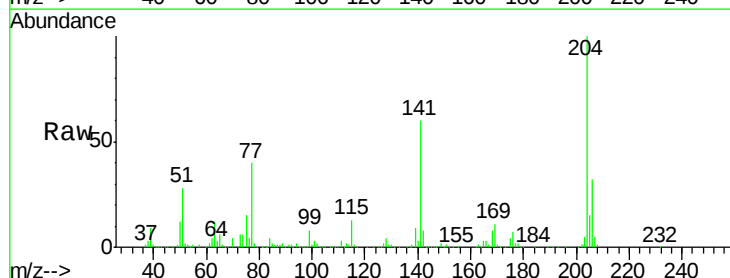
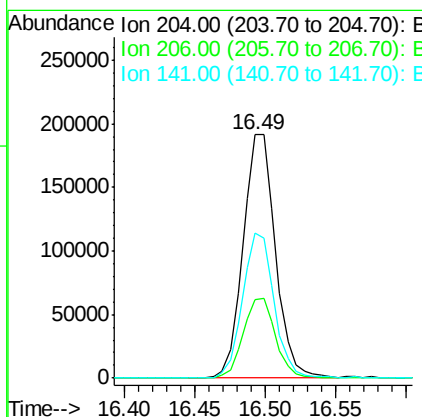
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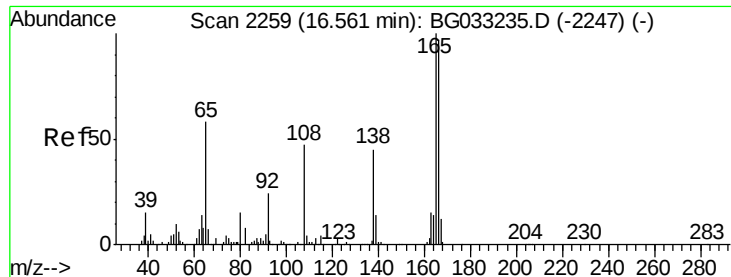
Sohil
3/29/2018 5:39:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 52.076 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	59.8	45.8	68.6





#61

4-Nitroaniline

Concen: 40.262 ng

RT: 16.54 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

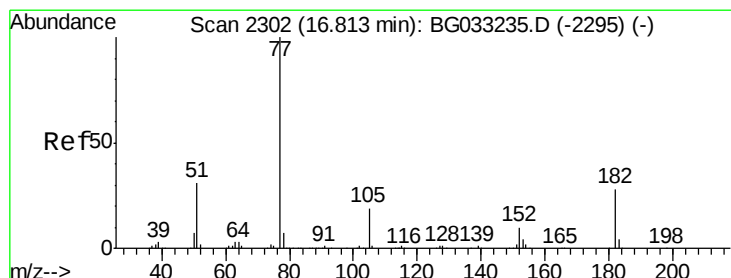
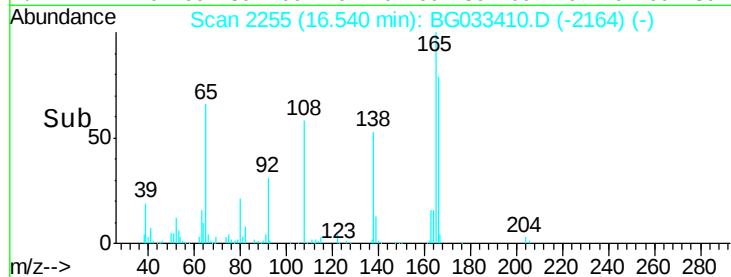
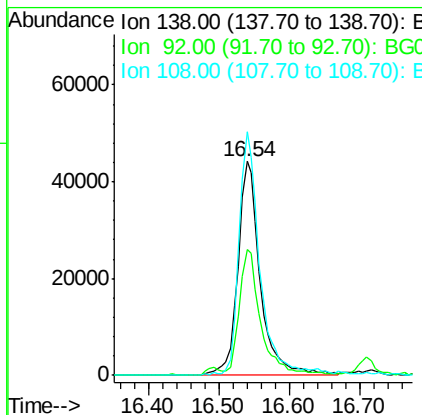
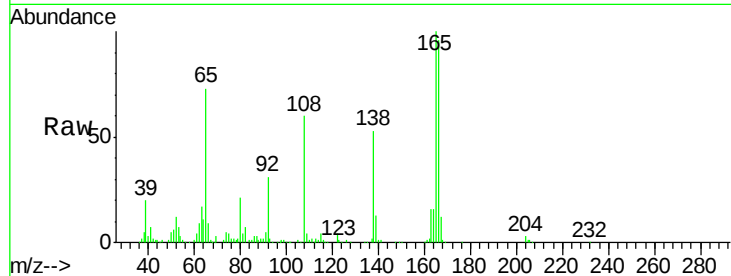
ClientSampleId :

BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	97401		
92	59.2	40.1	80.1	
108	113.9	65.4	105.4	

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#62

Azobenzene

Concen: 51.789 ng

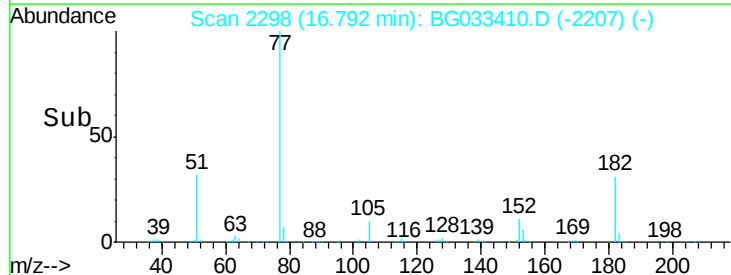
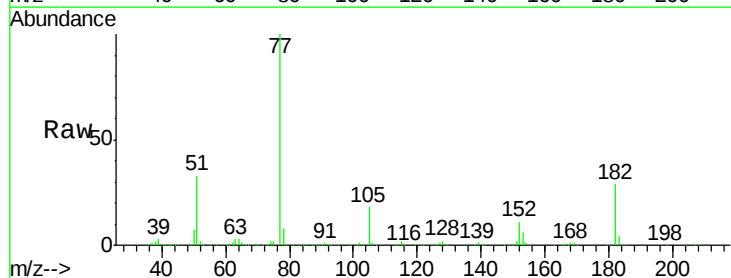
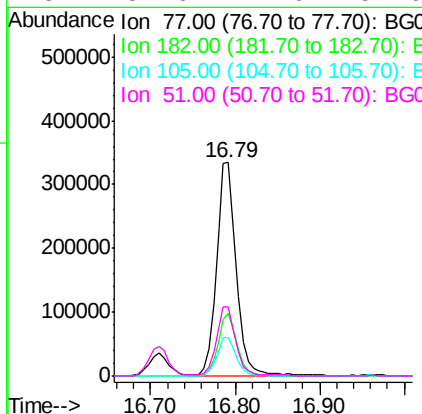
RT: 16.79 min Scan# 2298

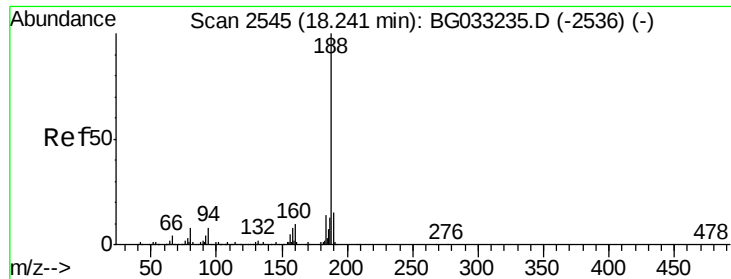
Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	542871		
182	29.3	7.4	47.4	
105	18.3	0.3	40.3	
51	32.6	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

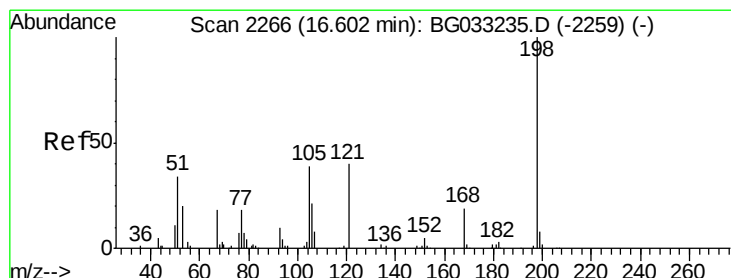
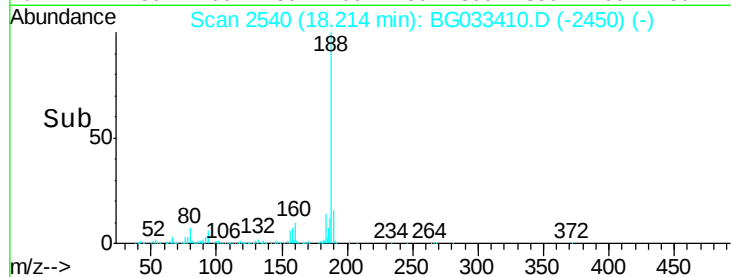
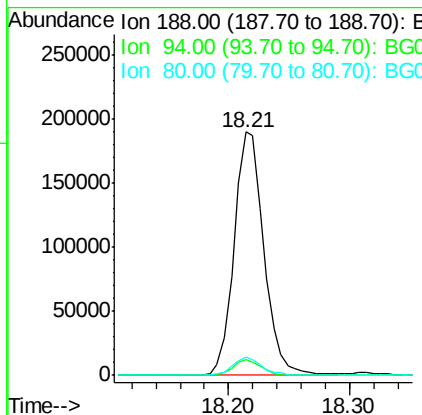
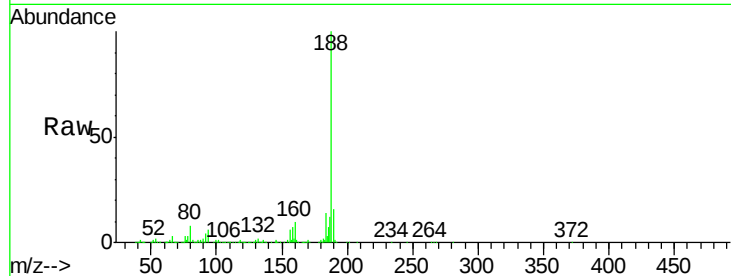
ClientSampleId :

BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	326690		
94	6.4		6.9	10.3#
80	7.6		7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 34.355 ng

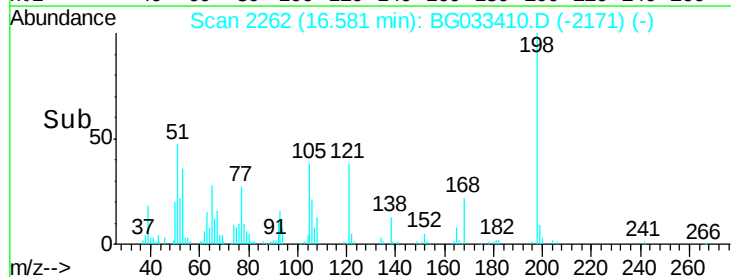
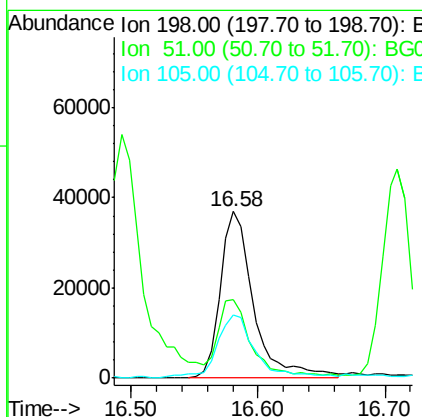
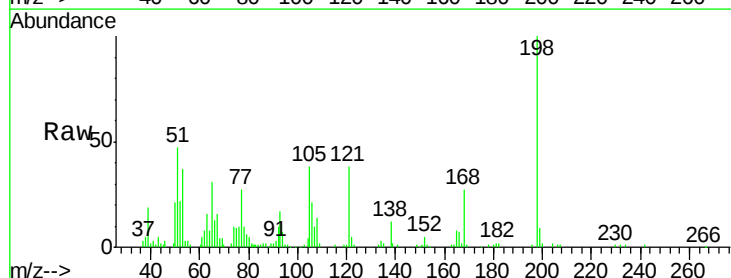
RT: 16.58 min Scan# 2262

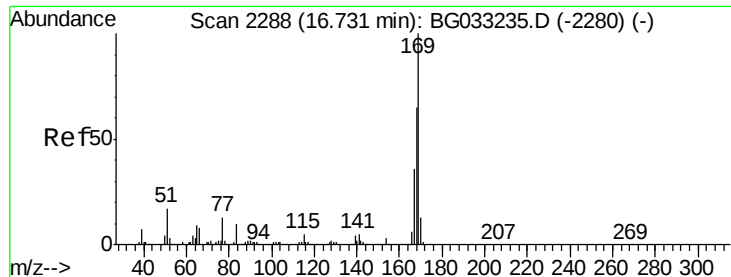
Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67141		
51	46.8		30.6	70.6
105	37.6		23.8	63.8





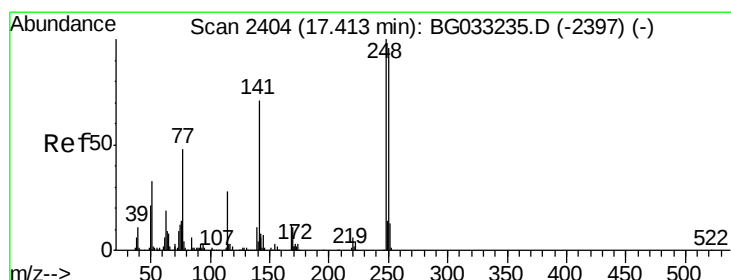
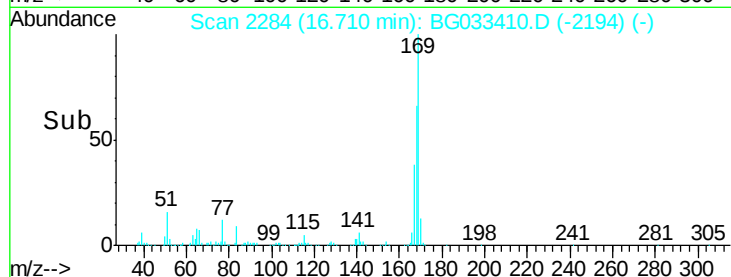
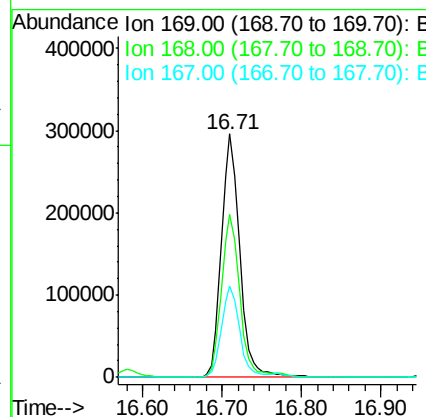
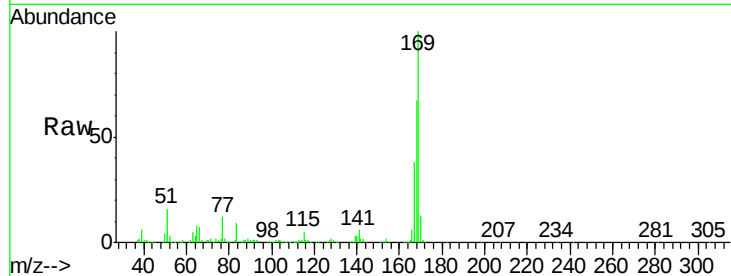
#65
 n-Nitrosodiphenylamine
 Concen: 51.237 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	55.7	83.5
167	37.5	30.1	45.1

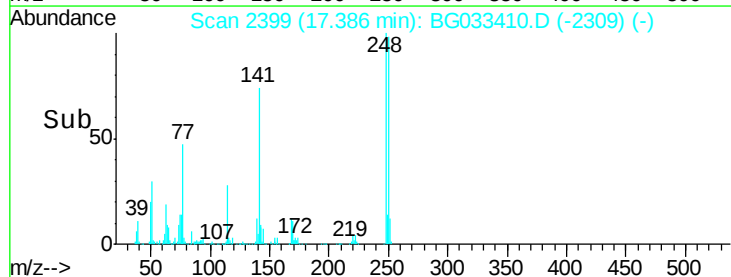
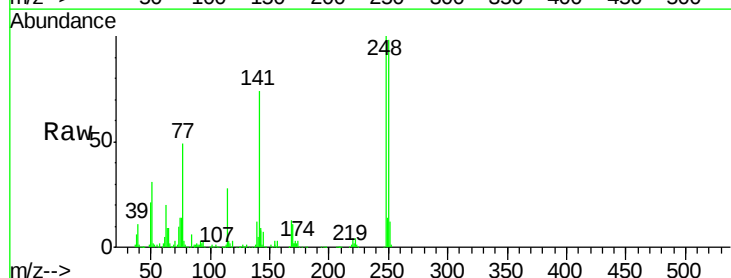
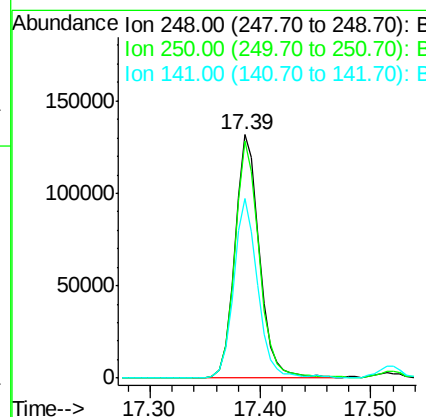
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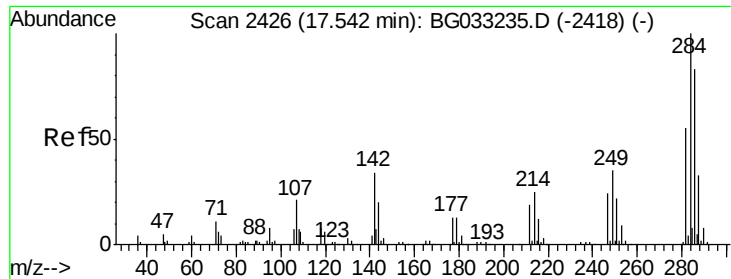
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#66
 4-Bromophenyl-phenylether
 Concen: 53.518 ng
 RT: 17.39 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	73.6	50.8	76.2





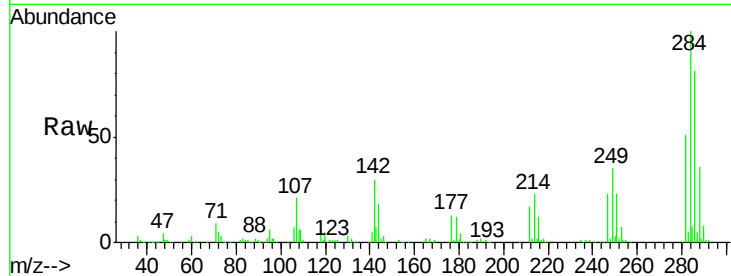
#67
Hexachlorobenzene
Concen: 52.076 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

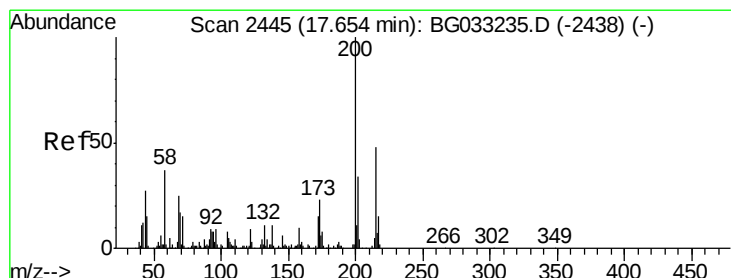
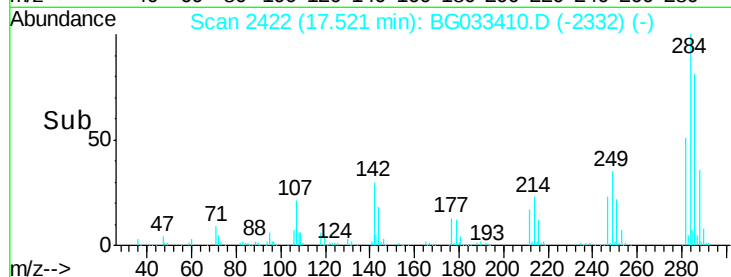
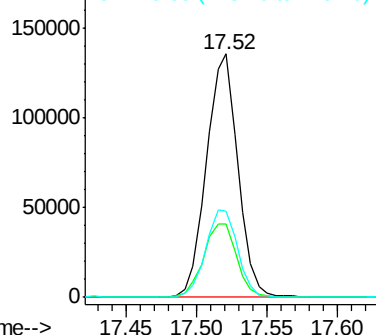
Tot Ion	Ratio	Resp	Lower	Upper
284	100	210861		
142	30.4	26.8	40.2	
249	35.2	26.3	39.5	

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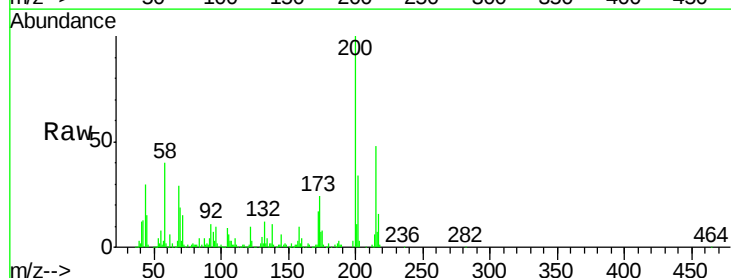


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

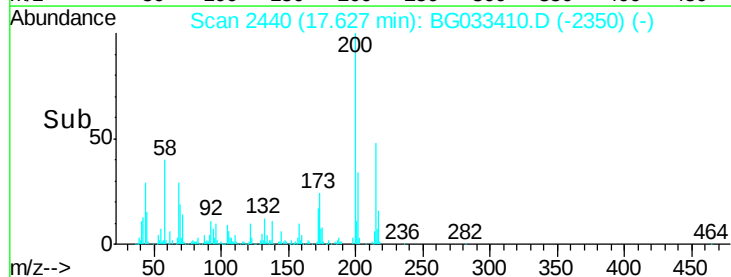
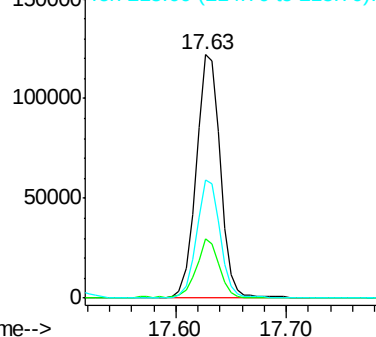


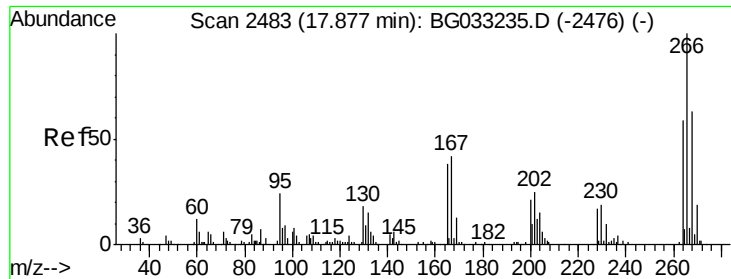
#68
Atrazine
Concen: 49.154 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	185767		
173	24.3	5.2	45.2	
215	48.4	30.4	70.4	



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





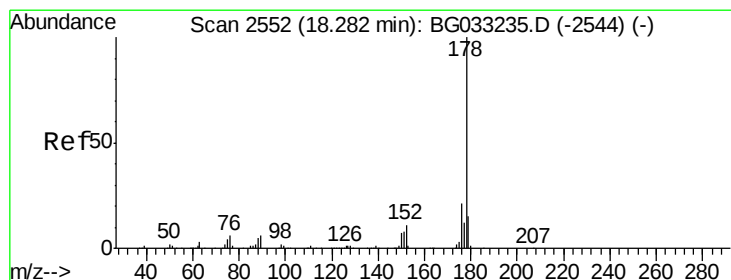
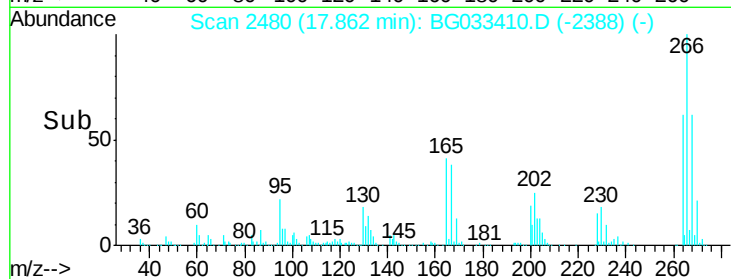
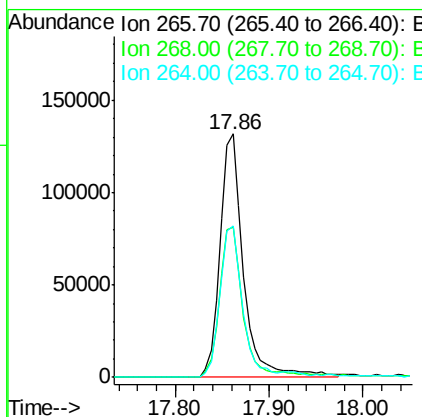
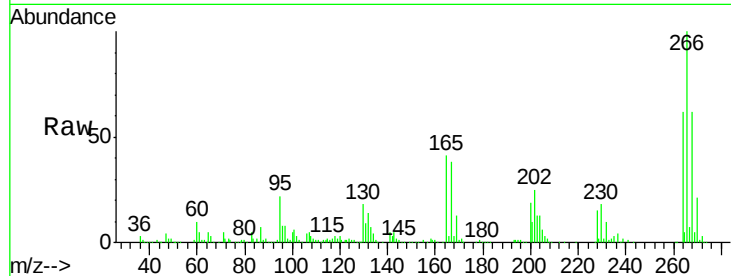
#69
 Pentachlorophenol
 Concen: 82.455 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	229150		
268	61.8	51.1	76.7	
264	62.4	49.6	74.4	

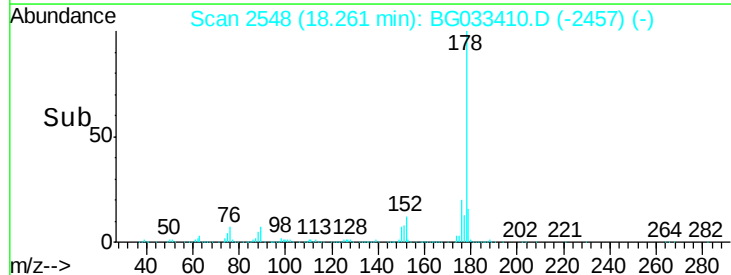
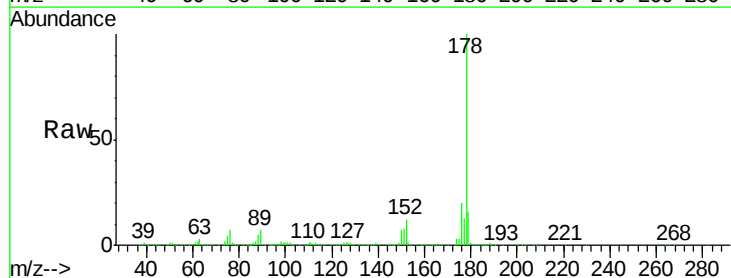
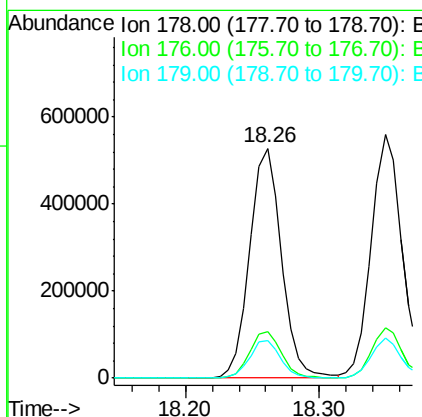
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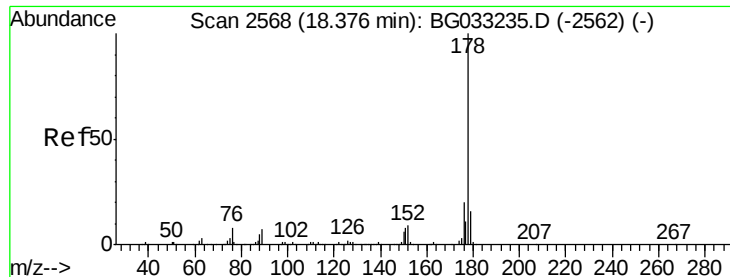
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#70
 Phenanthrene
 Concen: 50.932 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	866553		
176	20.5	15.7	23.5	
179	16.4	12.5	18.7	





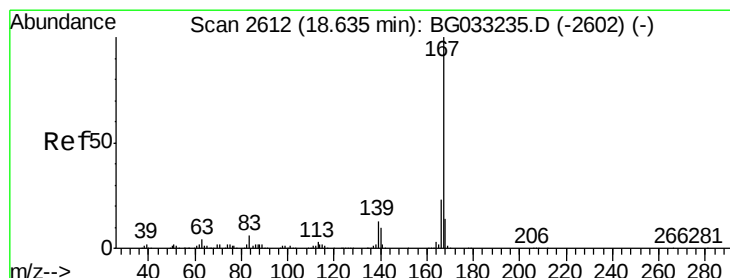
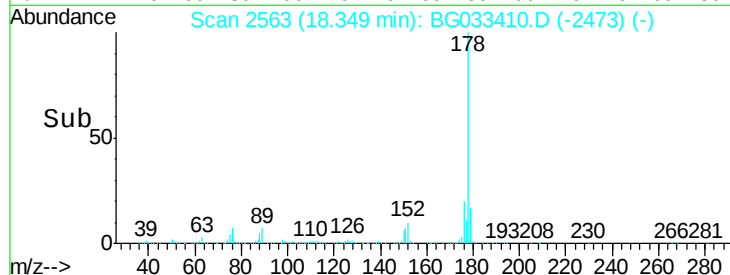
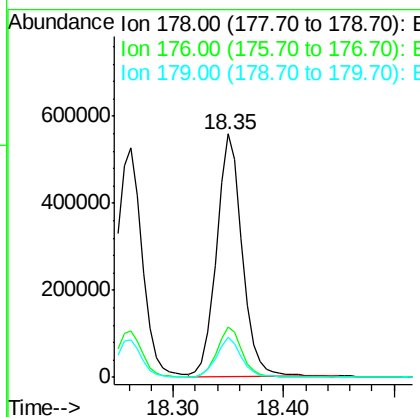
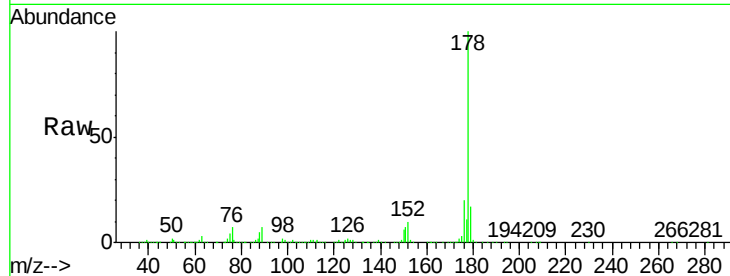
#71
 Anthracene
 Concen: 52.228 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

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

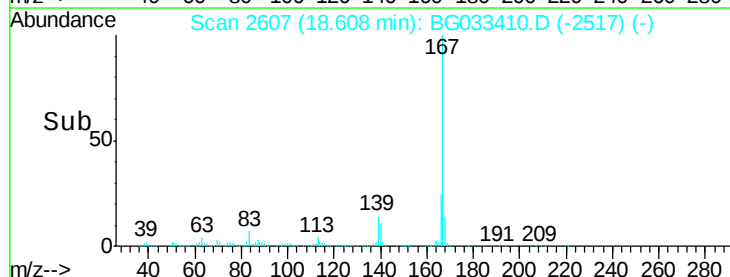
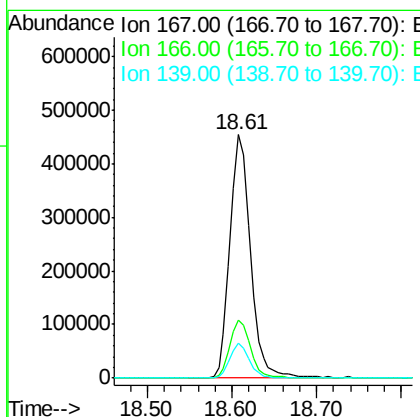
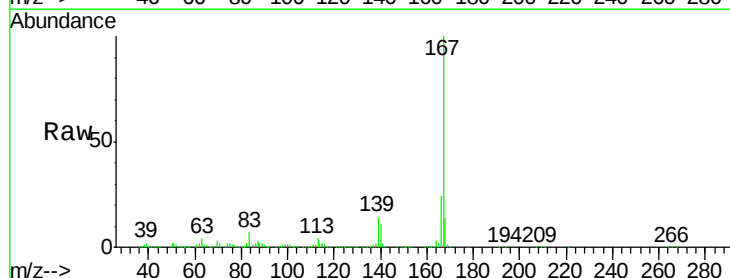
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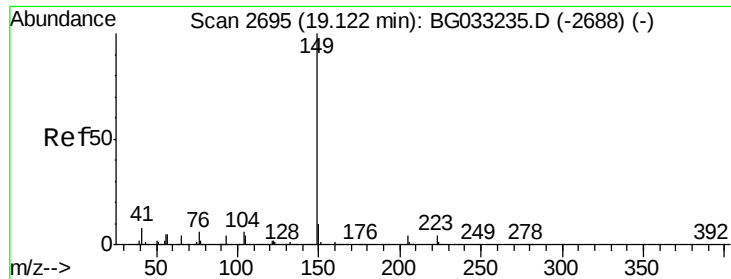
Sohil
 3/29/2018 5:39:17 PM



#72
 Carbazole
 Concen: 50.144 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	14.3	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 51.345 ng

RT: 19.10 min Scan# 2691

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

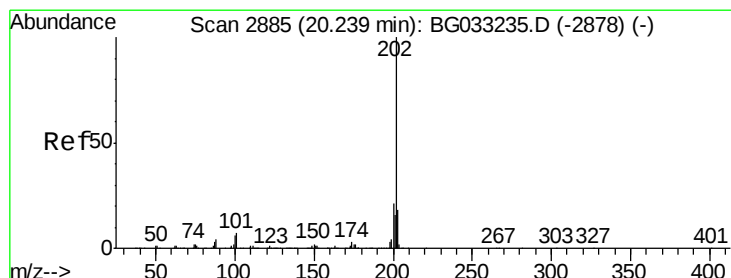
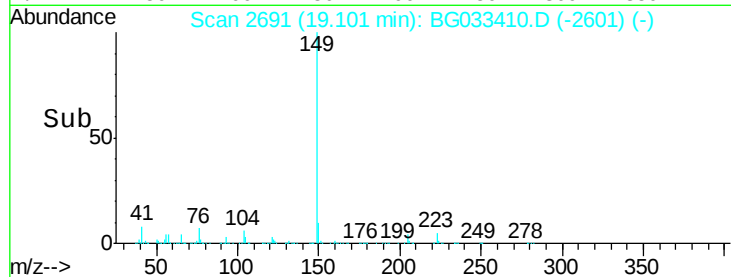
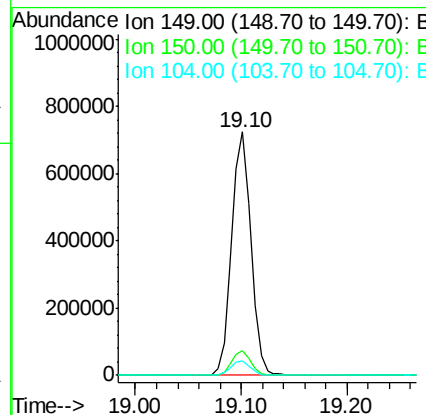
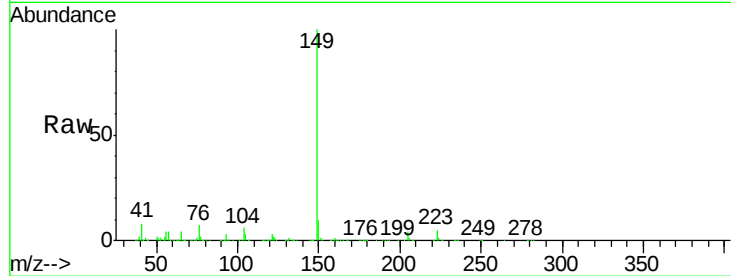
ClientSampleId :

BU-03-032618MS

Tot Ion:	149	Resp:	912330
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	6.0	3.9	5.9#

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#74

Fluoranthene

Concen: 51.532 ng

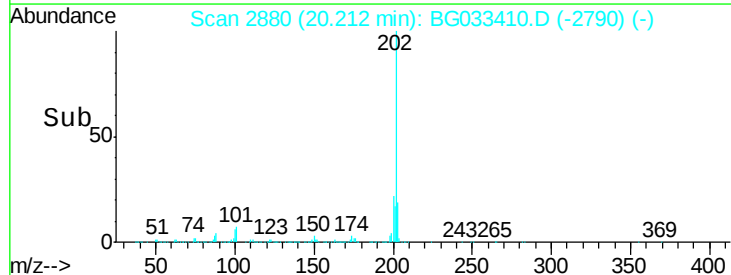
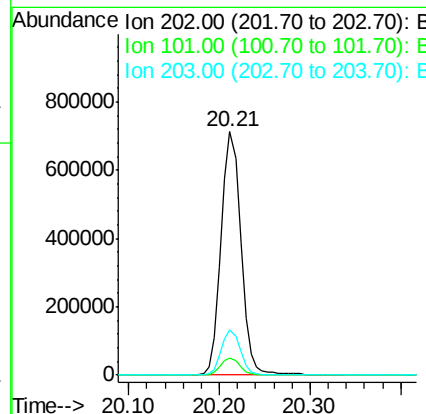
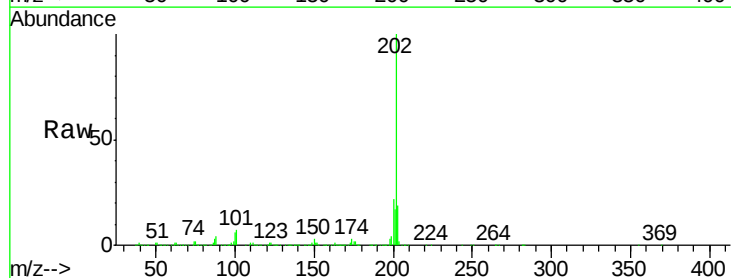
RT: 20.21 min Scan# 2880

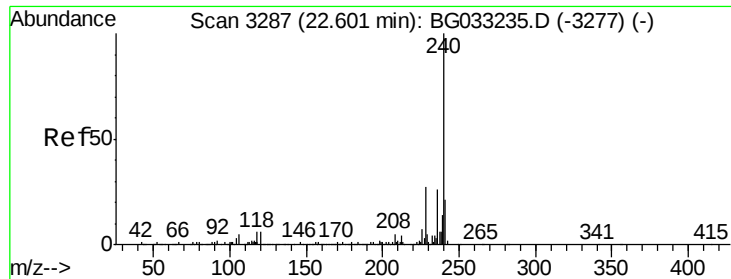
Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	202	Resp:	1084984
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

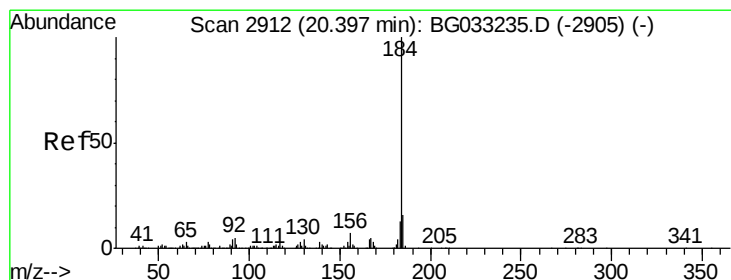
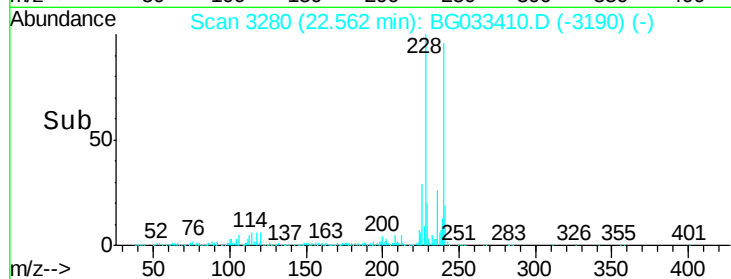
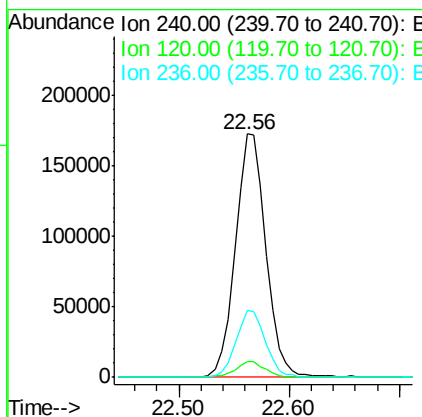
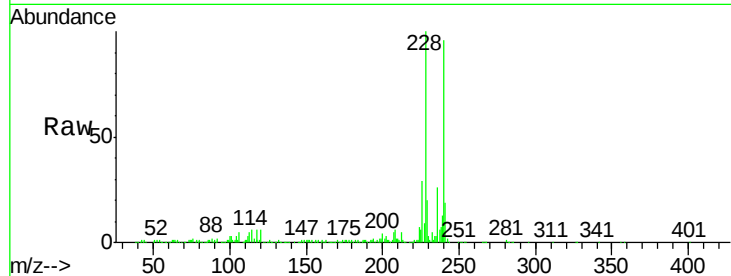
ClientSampleId :

BU-03-032618MS

Tot Ion:	240	Resp:	334071
Ion Ratio	Lower	Upper	
240	100		
120	6.4	6.8	10.2#
236	27.3	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 2.825 ng

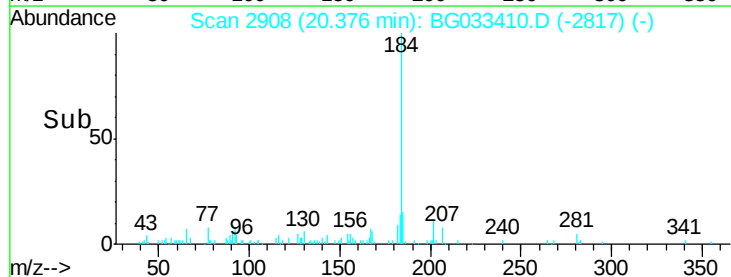
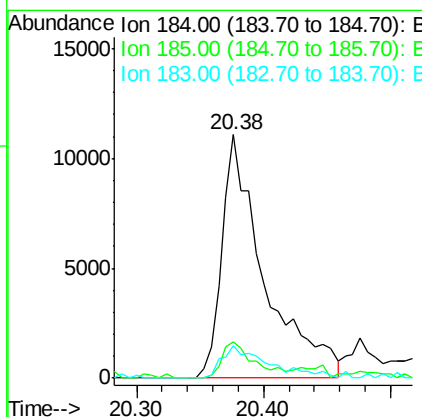
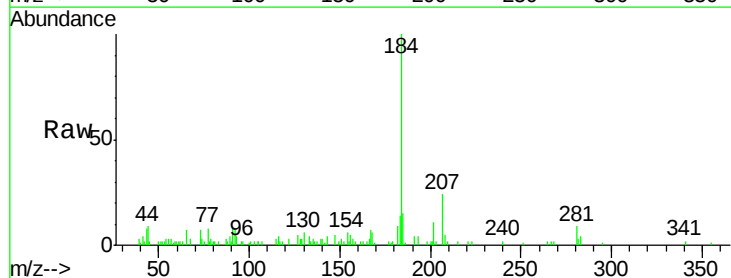
RT: 20.38 min Scan# 2908

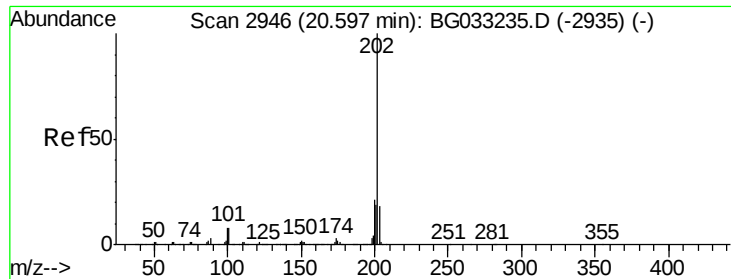
Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	184	Resp:	25591
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	13.5	10.6	16.0





#77

Pvrene

Concen: 48.288 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

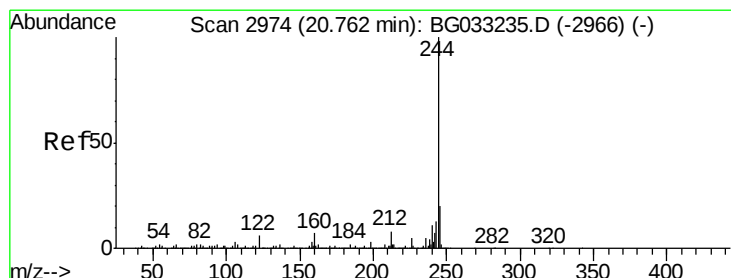
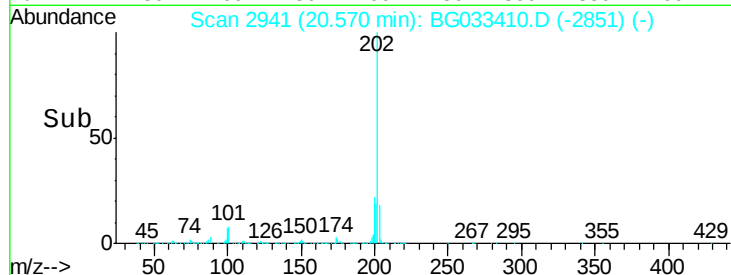
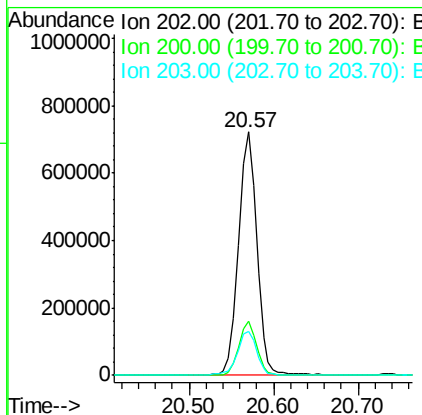
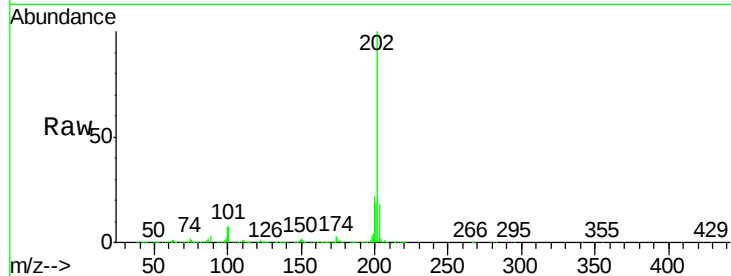
ClientSampleId :

BU-03-032618MS

Tot Ion:	202	Resp:	1075884
Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.0	13.9	20.9

Manual Integrations
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#78

Terphenyl-d14

Concen: 101.913 ng

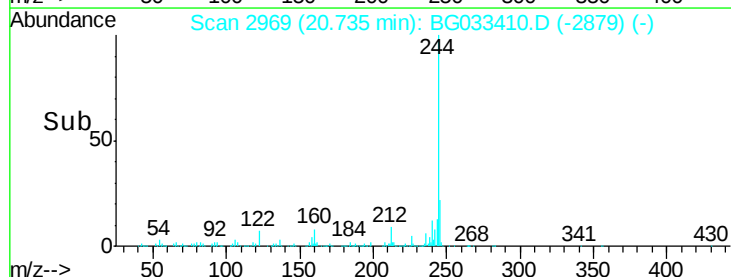
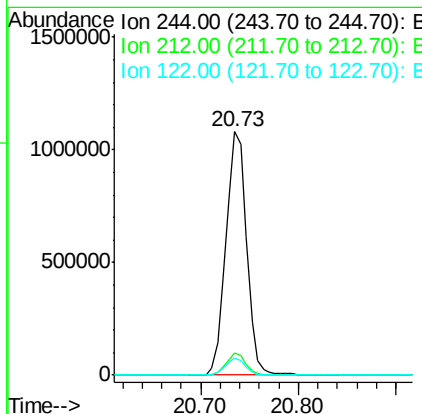
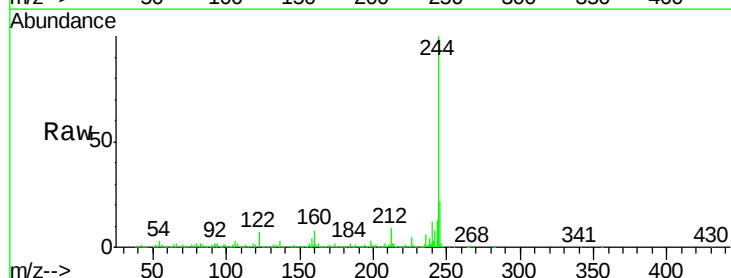
RT: 20.73 min Scan# 2969

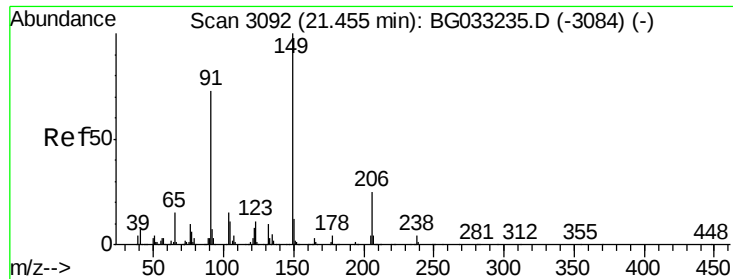
Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	244	Resp:	1591981
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.2	7.0	10.4





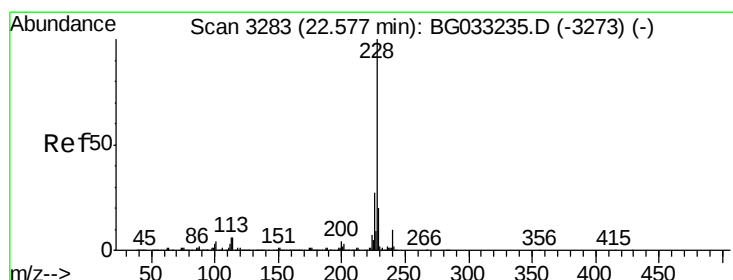
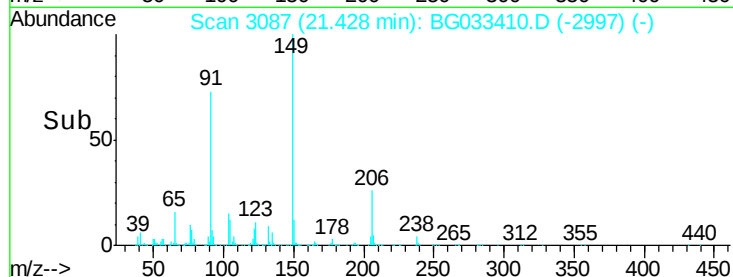
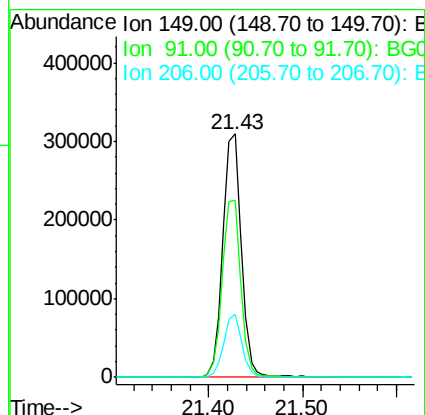
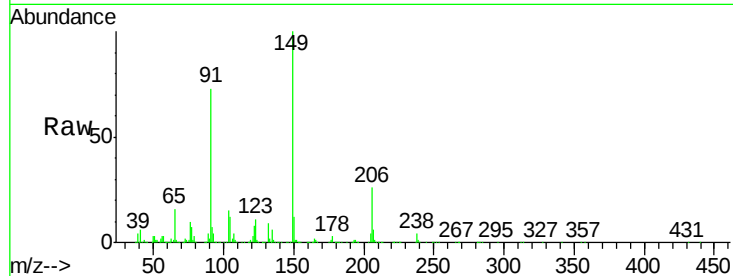
#79
Butylbenzylphthalate
Concen: 51.975 ng
RT: 21.43 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	62.2	93.2
206	25.7	18.6	27.8

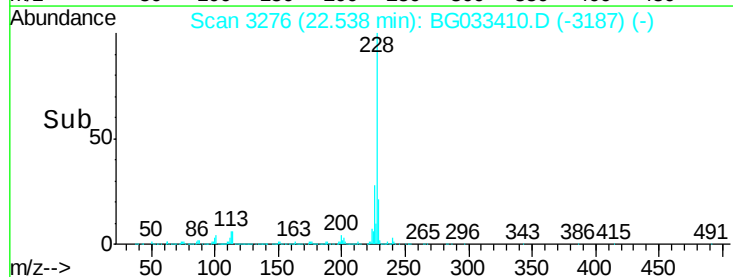
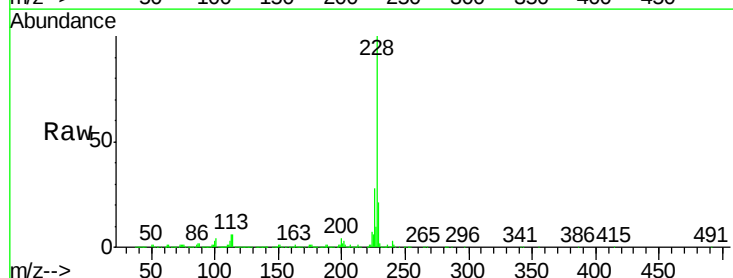
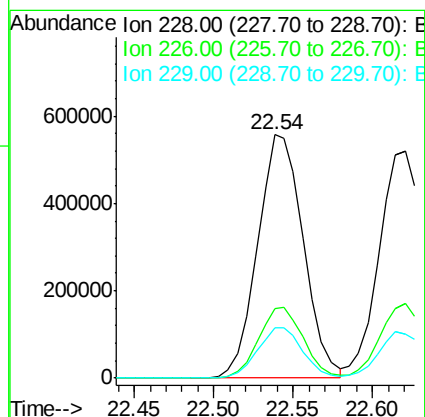
Manual Integrations
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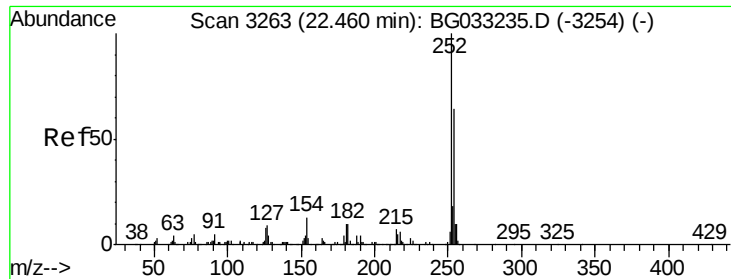
Sohil
3/29/2018 5:39:17 PM



#80
Benzo(a)anthracene
Concen: 52.288 ng
RT: 22.54 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.7	16.2	24.2





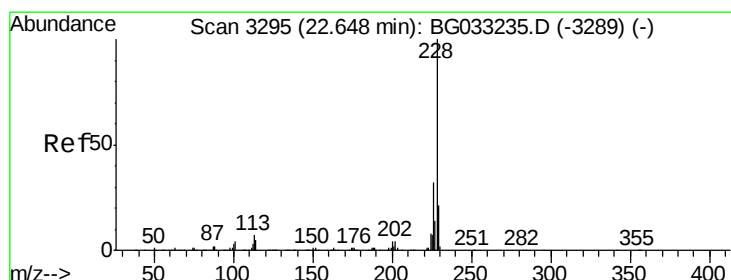
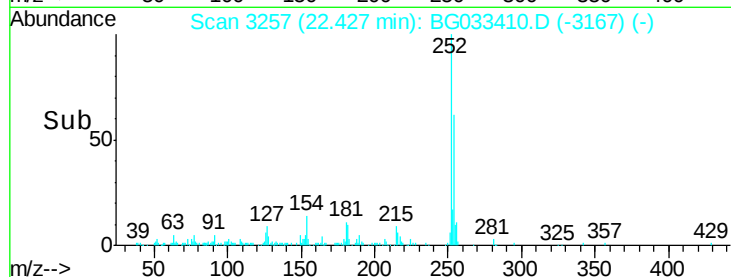
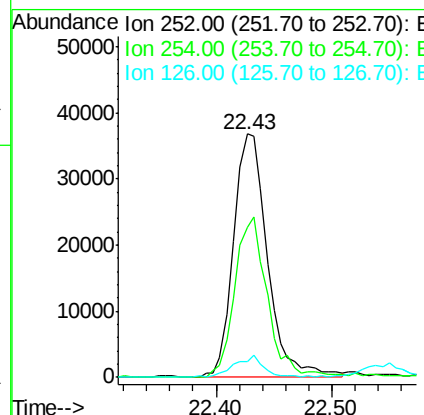
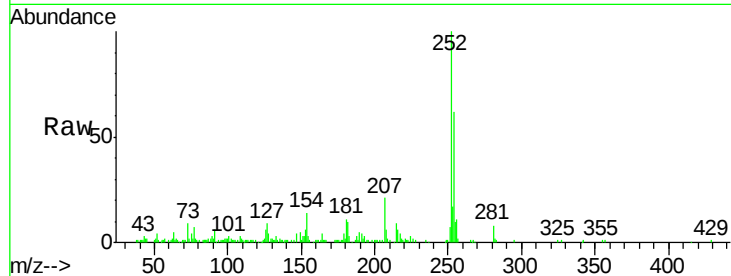
#81
 3,3'-Dichlorobenzidine
 Concen: 9.945 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.8	76.2
126	6.4	7.4	11.2

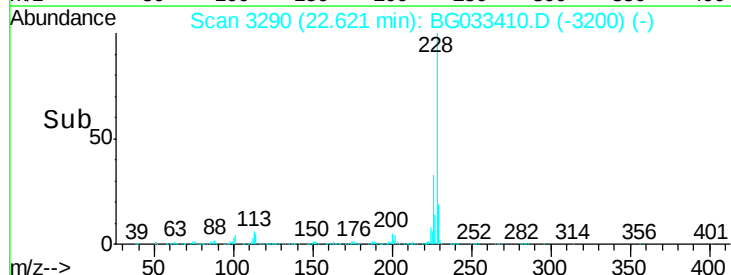
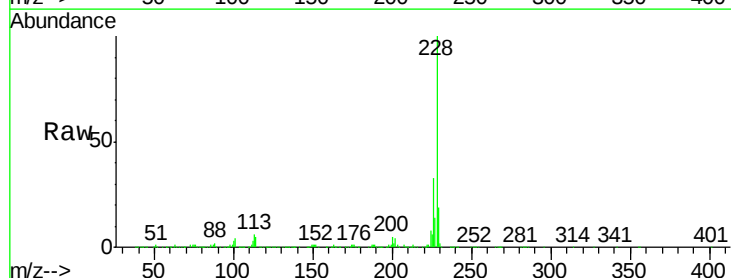
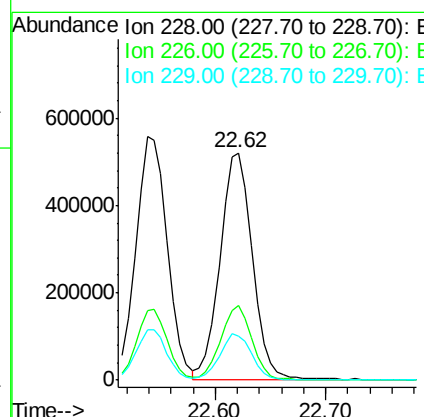
Manual Integrations
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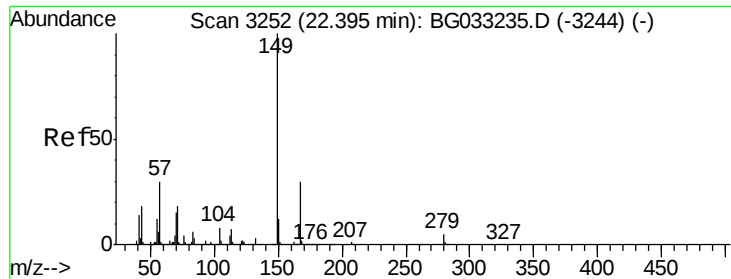
Sohil
 3/29/2018 5:39:17 PM



#82
 Chrysene
 Concen: 51.180 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033410.D
 Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	19.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.324 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

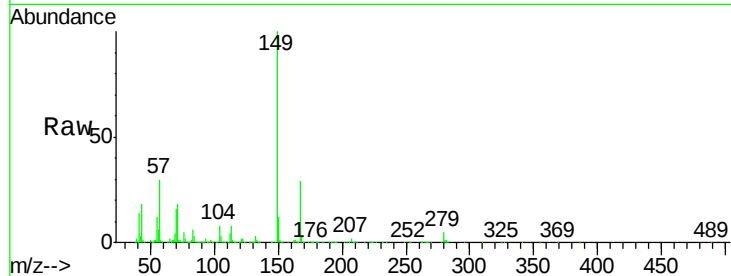
ClientSampleId :

BU-03-032618MS

Tot Ion:	149	Resp:	570374
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.3	36.5
279	5.4	4.0	6.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

22.36

400000

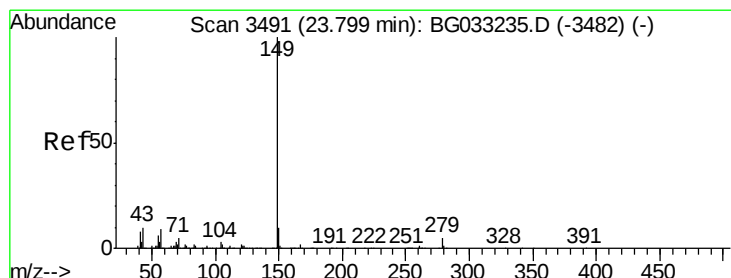
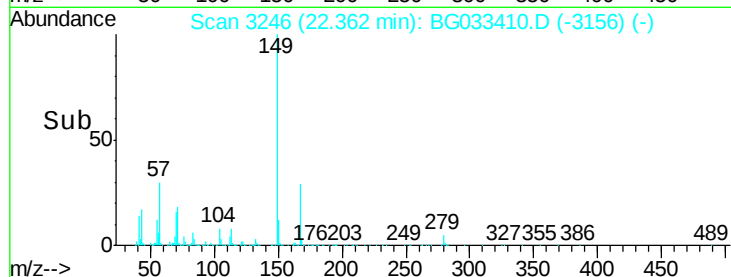
300000

200000

100000

0

Time-->



#84

Di-n-octyl phthalate

Concen: 58.299 ng

RT: 23.76 min Scan# 3484

Delta R.T. -0.00 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:	149	Resp:	1011720
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.4	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGO

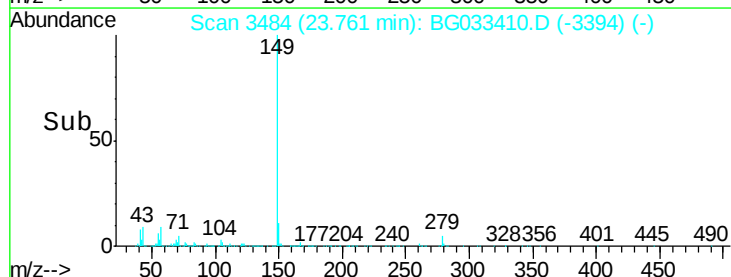
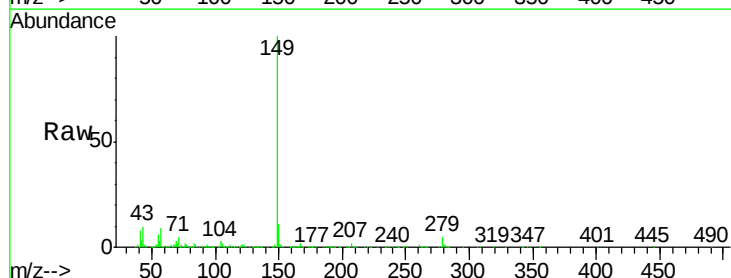
23.76

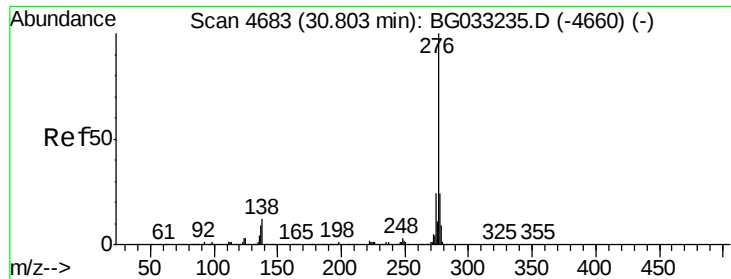
400000

200000

0

Time-->





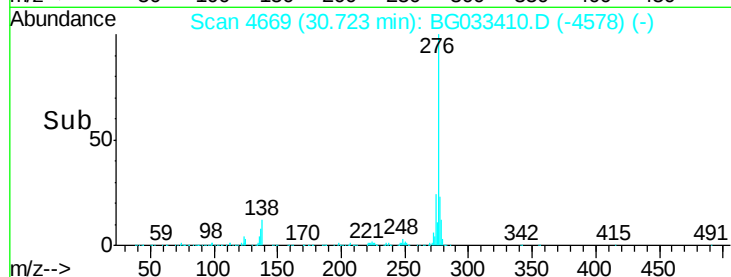
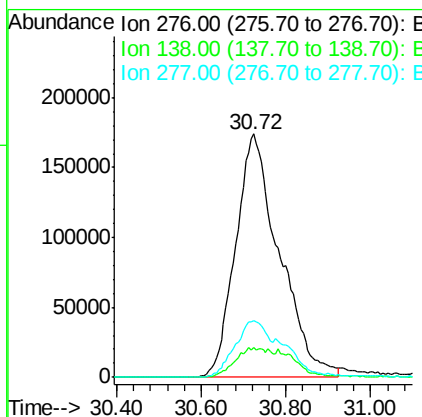
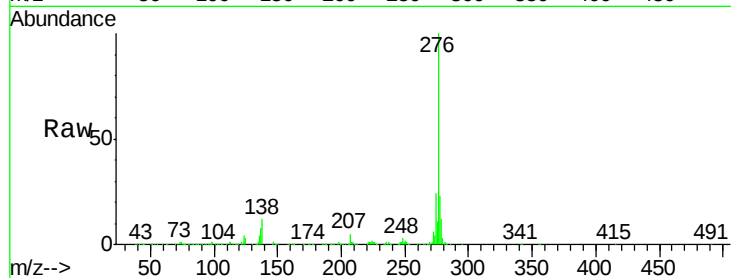
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.111 ng
RT: 30.72 min Scan# 4669
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.7	16.0	24.0#
277	17.8	20.0	30.0#

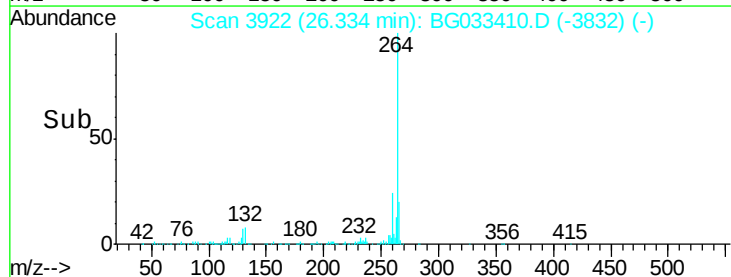
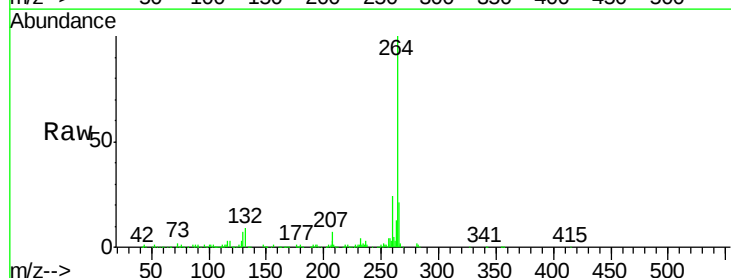
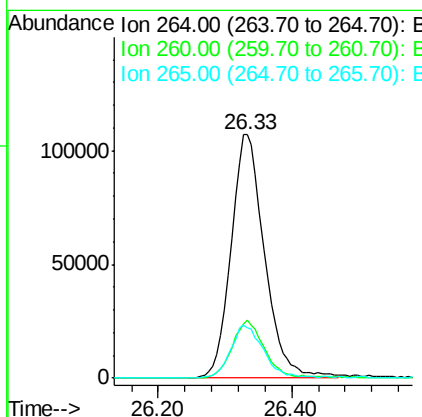
Manual Integrations
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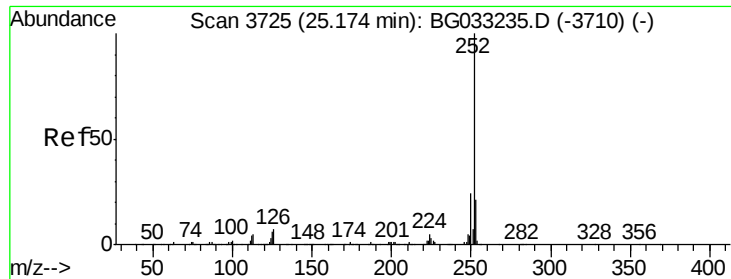
Sohil
3/29/2018 5:39:17 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 50.250 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Instrument :

BNA_G

ClientSampleId :

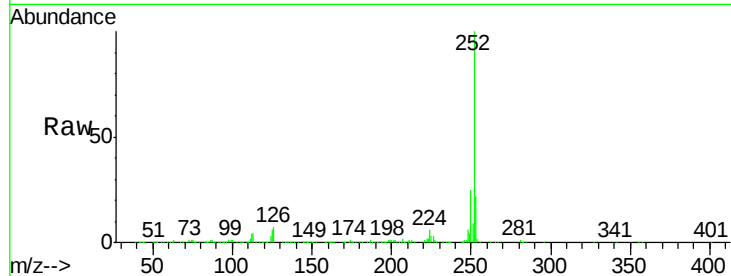
BU-03-032618MS

Tot Ion:252 Resp: 1083567

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	5.6	7.2	10.8

Manual Integrations
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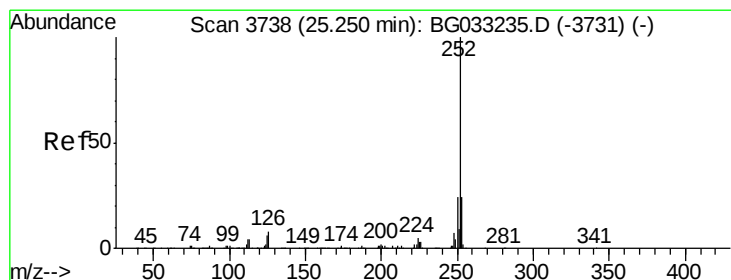
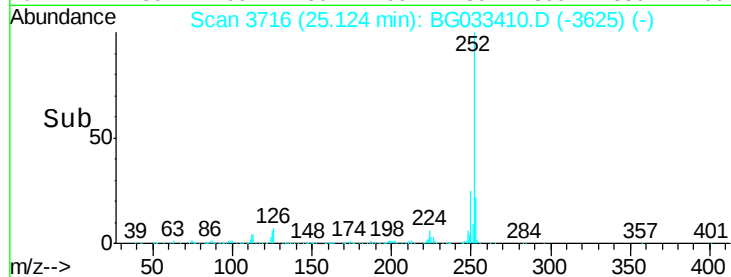
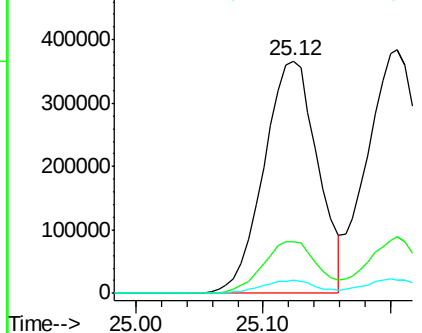
Sohil
3/29/2018 5:39:17 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.838 ng

RT: 25.21 min Scan# 3730

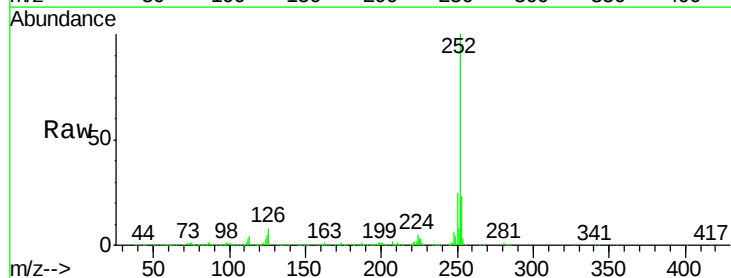
Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tgt Ion:252 Resp: 1130517

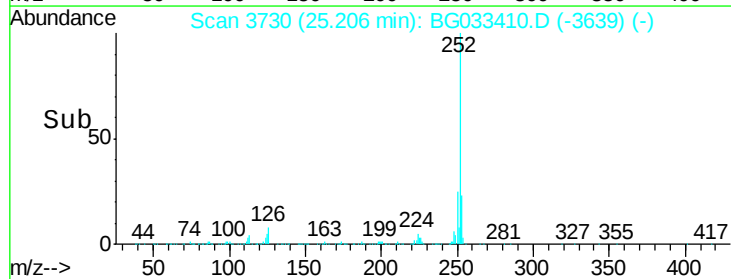
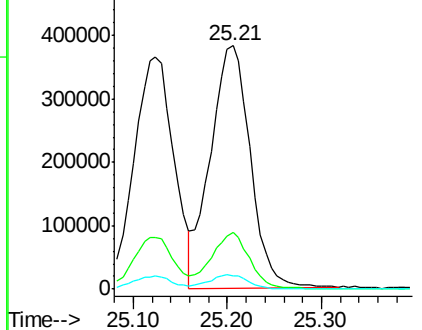
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	5.2	6.6	9.8

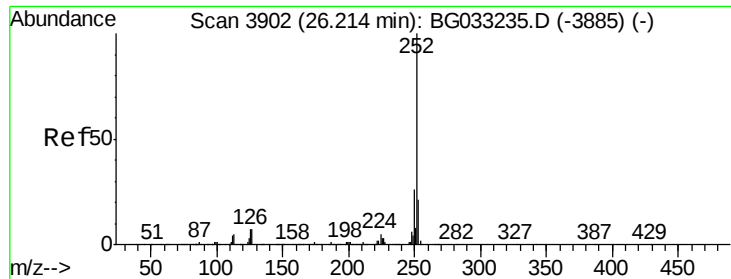


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





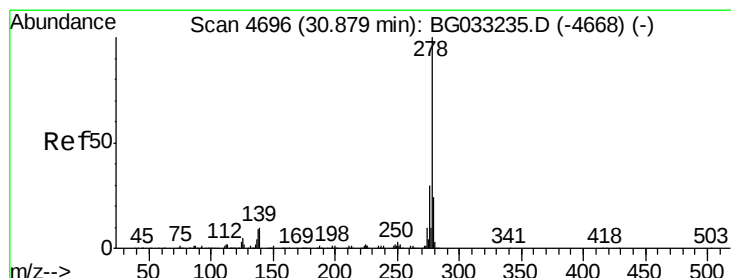
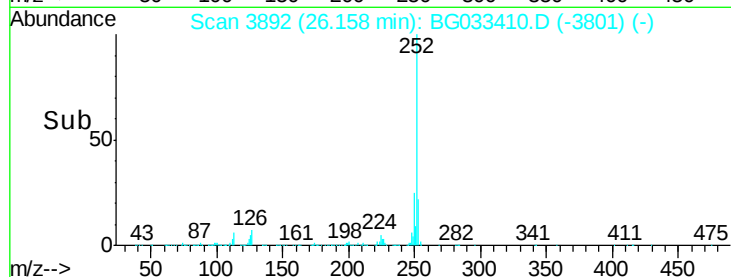
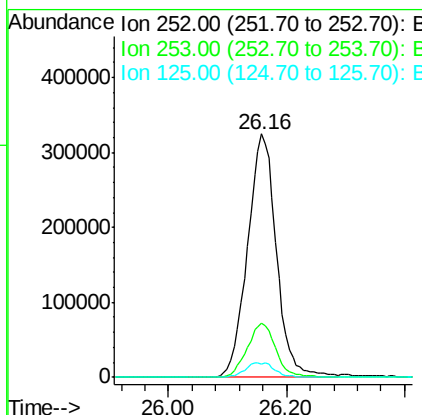
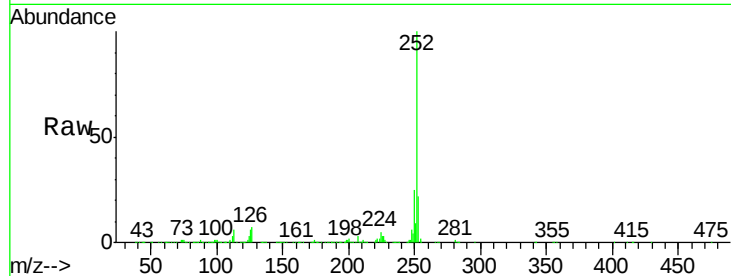
#89
Benzo(a)pyrene
Concen: 53.183 ng
RT: 26.16 min Scan# 3892
Delta R.T. 0.01 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.5	7.3	10.9

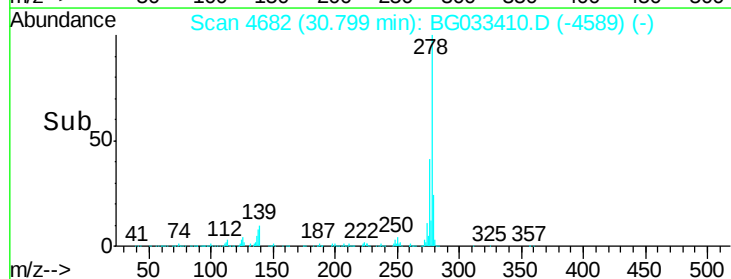
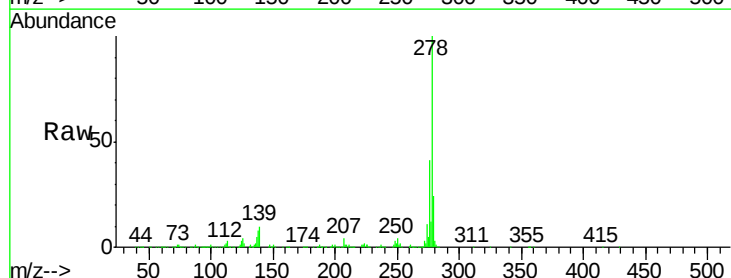
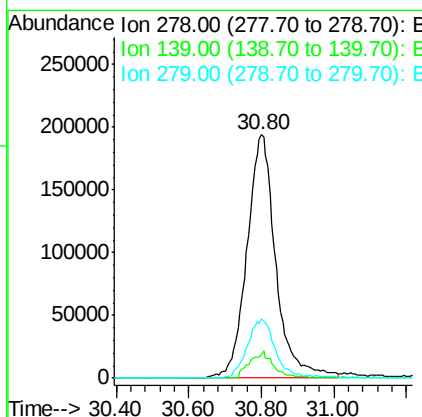
Manual Integrations
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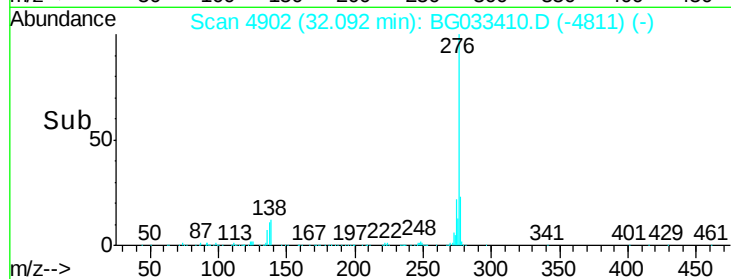
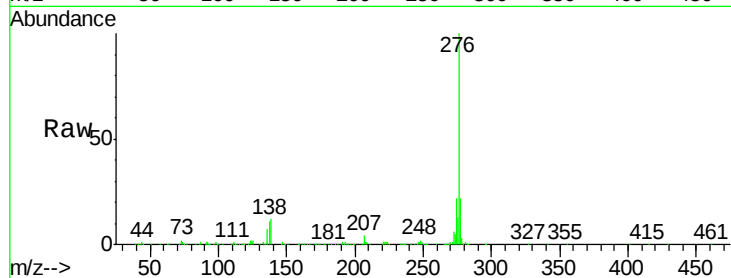
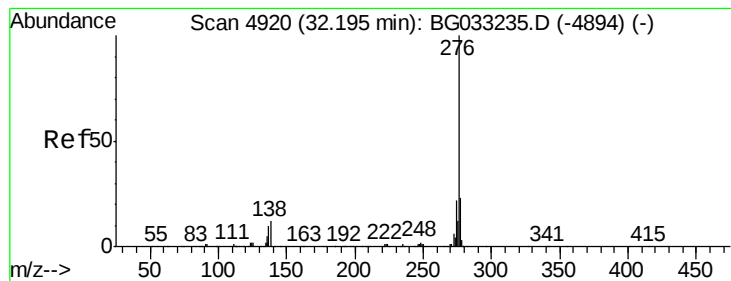
Sohil
3/29/2018 5:39:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.907 ng
RT: 30.80 min Scan# 4682
Delta R.T. 0.02 min
Lab File: BG033410.D
Acq: 29 Mar 2018 7:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.8	14.6
279	24.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 51.069 ng

RT: 32.09 min Scan# 4902

Delta R.T. 0.01 min

Lab File: BG033410.D

Acq: 29 Mar 2018 7:35

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.4	18.3	27.5
138	12.1	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

BU-03-032618MS

Manual Integrations
APPROVED

Sohil
3/29/2018 5:39:17 PM

