

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033164.D
 Acq On : 15 Mar 2018 3:53
 Operator : SJ/JU
 Sample : J1749-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:00:18 PM

Quant Time: Mar 15 11:22:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37499	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	171329	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	107782	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	263070	20.00	ng	0.00
75) Chrysene-d12	22.61	240	242747	20.00	ng	0.00
86) Perylene-d12	26.41	264	259830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	348303	148.60	ng	0.00
7) Phenol-d6	8.00	99	435932	133.43	ng	0.00
23) Nitrobenzene-d5	10.10	82	311417	121.34	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	257227	226.97	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	707637	94.69	ng	0.00
78) Terphenyl-d14	20.76	244	1256321	116.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	35198	34.601	ng	# 91
3) Pyridine	4.43	79	77168	27.523	ng	90
4) n-Nitrosodimethylamine	4.32	42	64832	57.675	ng	# 78
6) Aniline	8.19	93	71144	16.087	ng	98
8) 2-Chlorophenol	8.45	128	130381	50.820	ng	96
9) Benzaldehyde	7.99	77	42928	22.798	ng	94
10) Phenol	8.03	94	146613	44.517	ng	96
11) bis(2-Chloroethyl)ether	8.28	93	118487	43.998	ng	96
12) 1,3-Dichlorobenzene	8.78	146	129887	43.225	ng	97
13) 1,4-Dichlorobenzene	8.93	146	131900	43.608	ng	98
14) 1,2-Dichlorobenzene	9.27	146	126998	43.815	ng	97
15) Benzyl Alcohol	9.13	79	120525	50.181	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.42	45	224250	48.439	ng	98
17) 2-Methylphenol	9.33	107	110758	45.607	ng	97
18) Hexachloroethane	10.02	117	47679	46.297	ng	87
19) n-Nitroso-di-n-propylamine	9.71	70	106177	46.034	ng	91
20) 3+4-Methylphenols	9.67	107	159017	47.092	ng	97
22) Acetophenone	9.74	105	193362	44.688	ng	# 98
24) Nitrobenzene	10.14	77	150572	54.164	ng	96
25) Isophorone	10.66	82	298130	49.576	ng	96
26) 2-Nitrophenol	10.87	139	73003	66.516	ng	96
27) 2,4-Dimethylphenol	10.90	122	141144	54.029	ng	94
28) bis(2-Chloroethoxy)methane	11.14	93	167224	47.734	ng	# 96
29) 2,4-Dichlorophenol	11.41	162	133237	56.195	ng	92
30) 1,2,4-Trichlorobenzene	11.64	180	127578	45.904	ng	94
31) Naphthalene	11.83	128	420856	47.009	ng	99
32) Benzoic acid	11.04	122	70269m	44.636	ng	
33) 4-Chloroaniline	11.93	127	23972	5.989	ng	94
34) Hexachlorobutadiene	12.09	225	73697	47.274	ng	94
35) Caprolactam	12.68	113	42970	45.262	ng	96
36) 4-Chloro-3-methylphenol	12.99	107	167541	60.723	ng	96
37) 2-Methylnaphthalene	13.39	142	314888	48.616	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	146071	45.654	ng	# 97
40) Hexachlorocyclopentadiene	13.71	237	181824	111.507	ng	92

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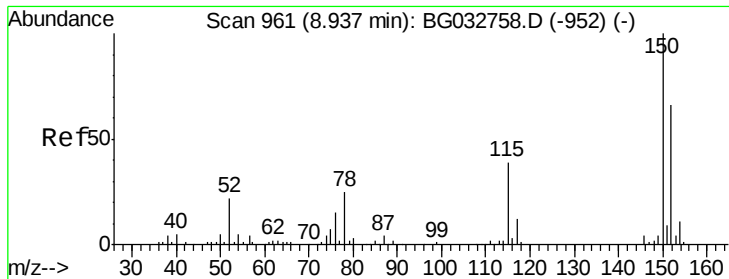
Manual Integrations
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Sohil
 3/15/2018 7:00:18 PM

Quant Time: Mar 15 11:22:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	114120	56.558	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	128167	54.882	nq	98
45) 1,1'-Biphenyl	14.36	154	408139	43.334	nq	97
46) 2-Chloronaphthalene	14.41	162	311194	44.232	nq	95
47) 2-Nitroaniline	14.60	65	121419	64.245	nq	94
48) Acenaphthylene	15.25	152	530302	46.038	nq	99
49) Dimethylphthalate	14.94	163	442398	48.341	nq	99
50) 2,6-Dinitrotoluene	15.08	165	97706	61.444	nq	94
51) Acenaphthene	15.58	154	377656	52.645	nq	97
52) 3-Nitroaniline	15.41	138	40740	25.867	nq #	92
53) 2,4-Dinitrophenol	15.61	184	87099	141.234	nq #	81
54) Dibenzofuran	15.91	168	504905	49.430	nq	93
55) 4-Nitrophenol	15.69	139	163940	106.791	nq	94
56) 2,4-Dinitrotoluene	15.85	165	141564	70.599	nq #	90
57) Fluorene	16.55	166	414934	49.217	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	117983m	65.072	nq	
59) Diethylphthalate	16.28	149	482571	49.994	nq	99
60) 4-Chlorophenyl-phenylether	16.52	204	212607	51.551	nq #	89
61) 4-Nitroaniline	16.56	138	86290	44.045	nq	97
62) Azobenzene	16.82	77	423736	49.070	nq	97
64) 4,6-Dinitro-2-methylphenol	16.60	198	67665	73.113	nq	93
65) n-Nitrosodiphenylamine	16.74	169	388101	45.349	nq	99
66) 4-Bromophenyl-phenylether	17.42	248	140890	50.649	nq #	88
67) Hexachlorobenzene	17.55	284	152014	50.569	nq	97
68) Atrazine	17.66	200	140608	49.914	nq	97
69) Pentachlorophenol	17.89	266	185845	98.151	nq	99
70) Phenanthrene	18.29	178	695990	47.421	nq	99
71) Anthracene	18.38	178	713620	48.431	nq	99
72) Carbazole	18.64	167	659366	45.400	nq #	97
73) Di-n-butylphthalate	19.13	149	830408	46.607	nq	99
74) Fluoranthene	20.24	202	800771	49.393	nq	96
76) Benzidine	20.40	184	165777m	20.035	nq	
77) Pyrene	20.60	202	800669	46.772	nq	98
79) Butylbenzylphthalate	21.46	149	371495	48.946	nq	95
80) Benzo(a)anthracene	22.59	228	755526	48.536	nq	98
81) 3,3'-Dichlorobenzidine	22.47	252	134820	23.385	nq #	97
82) Chrysene	22.66	228	708150	47.624	nq	99
83) Bis(2-ethylhexyl)phthalate	22.41	149	509460	45.347	nq	95
84) Di-n-octyl phthalate	23.82	149	848404	49.543	nq	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	881683	50.843	nq #	94
87) Benzo(b)fluoranthene	25.19	252	759420	49.432	nq	98
88) Benzo(k)fluoranthene	25.27	252	737539	48.305	nq	98
89) Benzo(a)pyrene	26.23	252	733030	50.165	nq	99
90) Dibenzo(a,h)anthracene	30.92	278	741812	50.435	nq	98
91) Benzo(g,h,i)perylene	32.24	276	728438	50.241	nq	98

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



#1

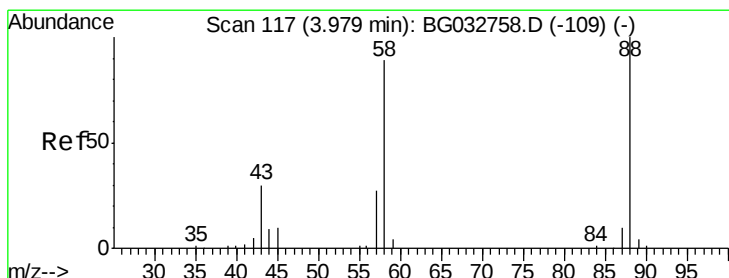
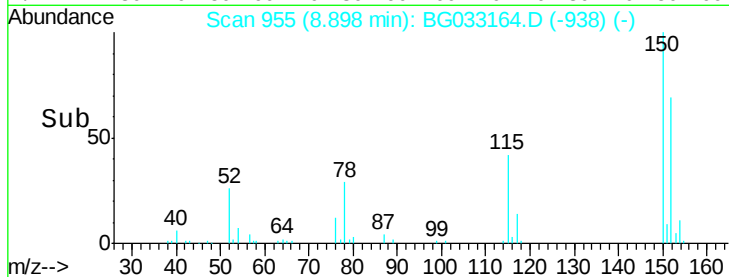
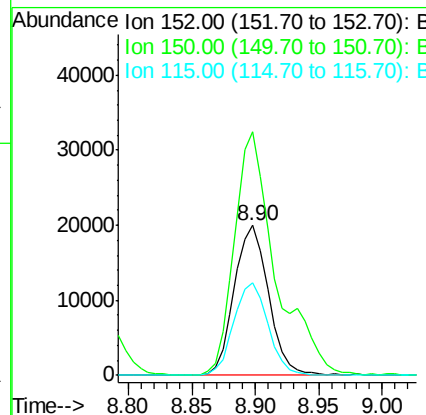
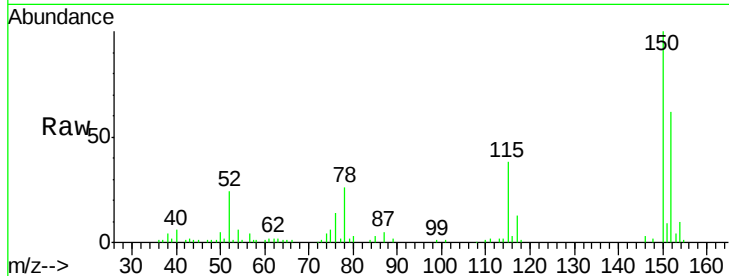
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.6	189.8
115	61.7	53.0	79.4

Manual Integrations
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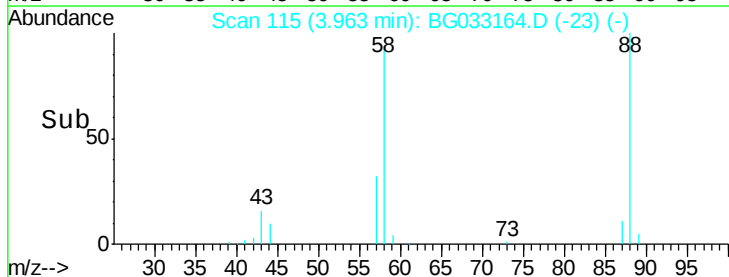
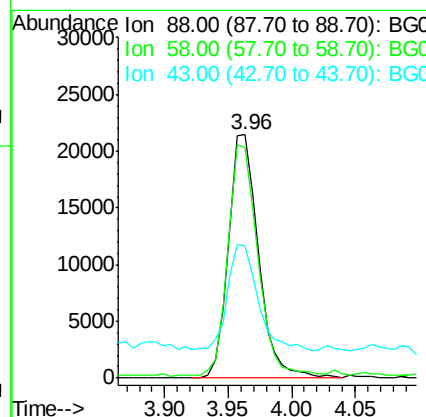
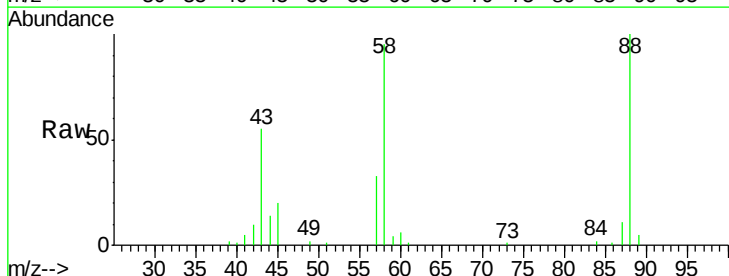
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3/15/2018 7:00:18 PM

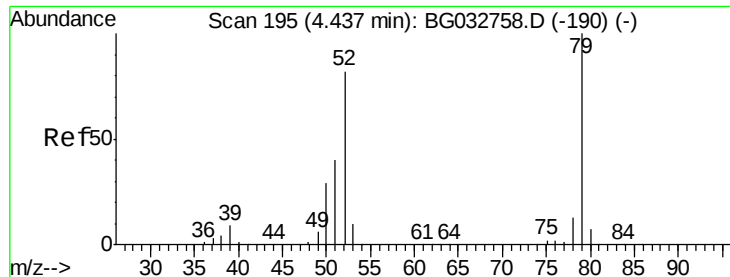


#2

1,4-Dioxane
Concen: 34.601 ng
RT: 3.96 min Scan# 115
Delta R.T. 0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.8	79.6	119.4
43	44.3	27.4	41.0





#3

Pvridine

Concen: 27.523 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

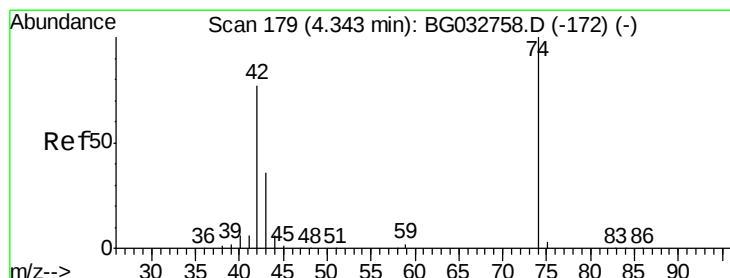
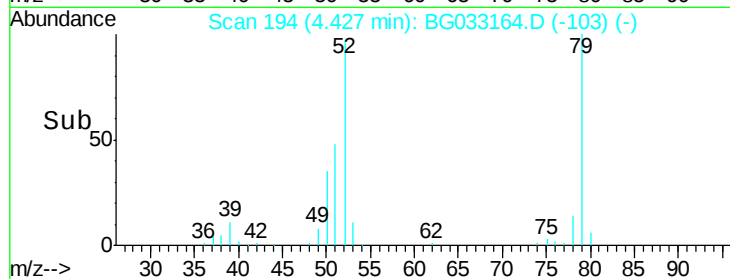
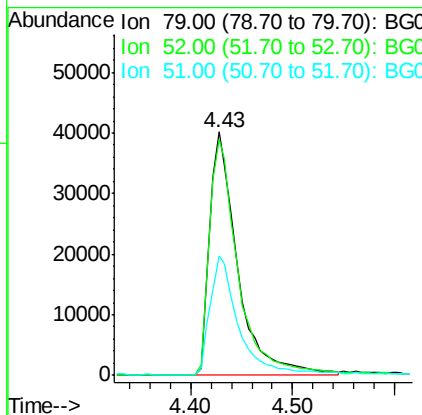
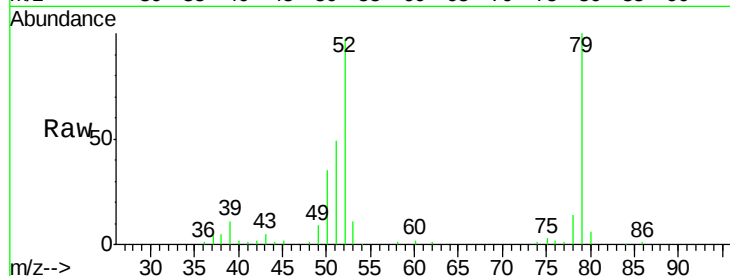
ClientSampleId :

BU-02-031318MSD

Tot Ion:	79	Resp:	77168
Ion	Ratio	Lower	Upper
79	100		
52	96.7	69.9	104.9
51	49.0	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 57.675 ng

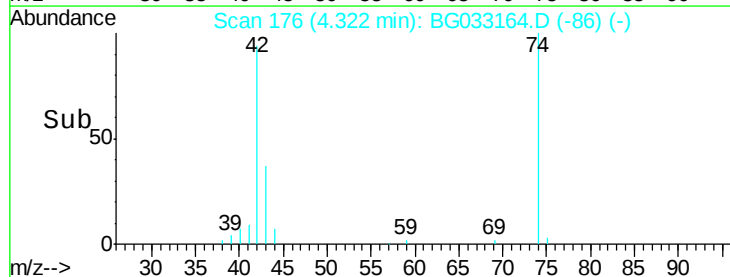
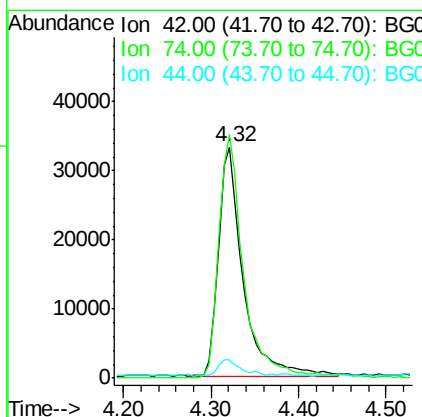
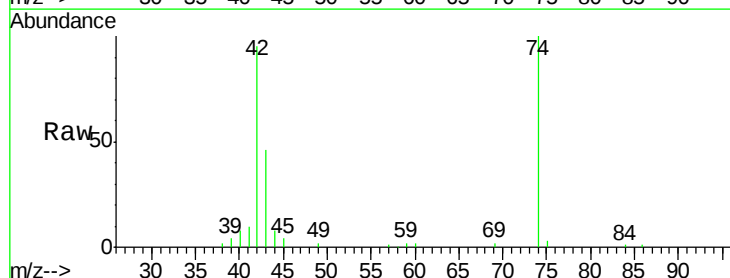
RT: 4.32 min Scan# 176

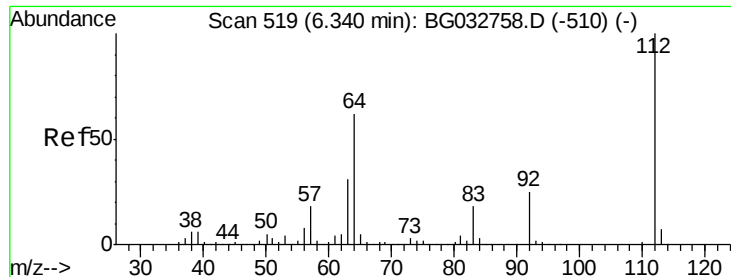
Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion:	42	Resp:	64832
Ion	Ratio	Lower	Upper
42	100		
74	105.2	102.5	153.7
44	8.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 148.600 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

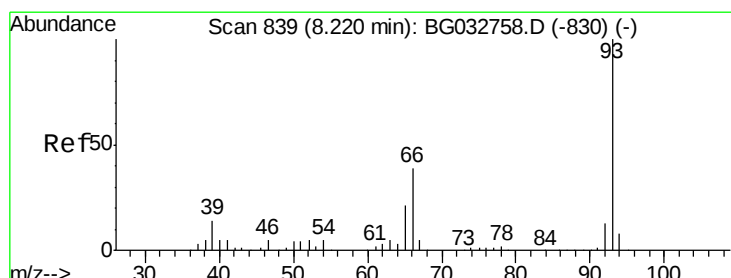
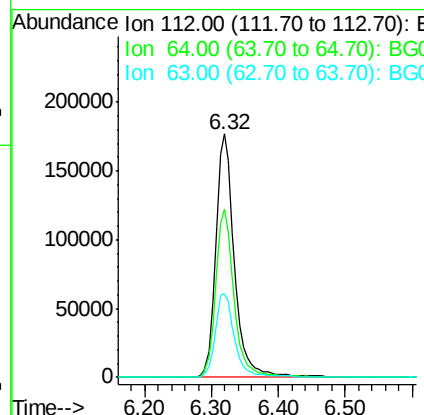
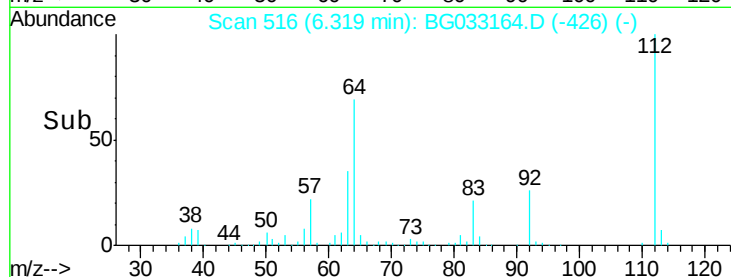
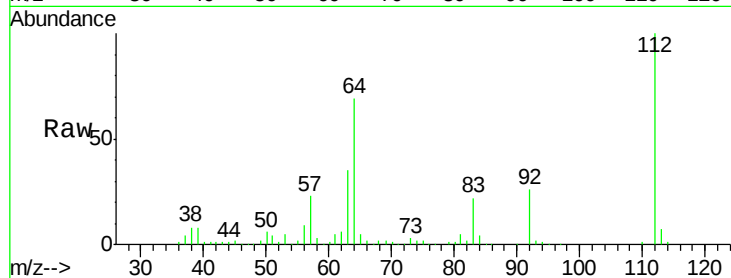
ClientSampleId :

BU-02-031318MSD

Tot Ion:	112	Resp:	348303
Ion Ratio	Lower	Upper	
112	100		
64	69.0	56.3	84.5
63	34.6	30.1	45.1

Manual Integrations
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3/15/2018 7:00:18 PM



#6

Aniline

Concen: 16.087 ng

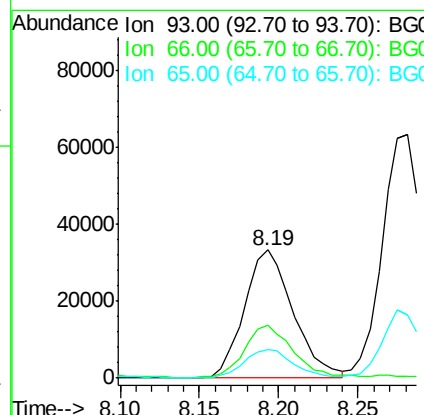
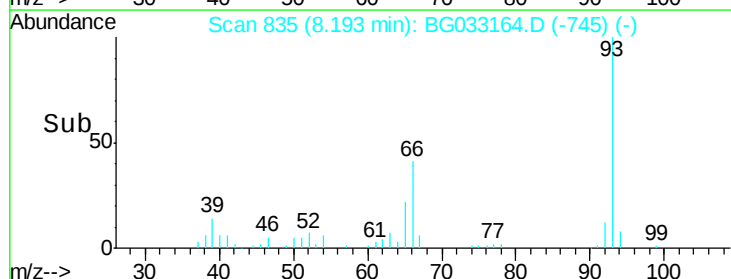
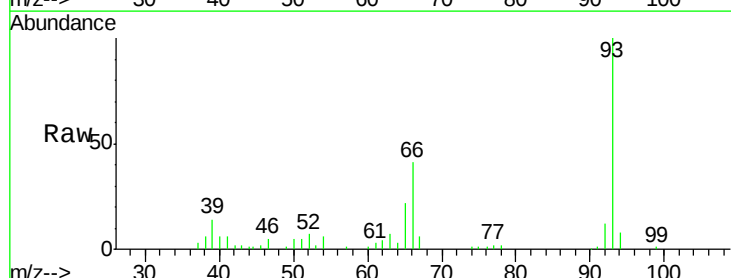
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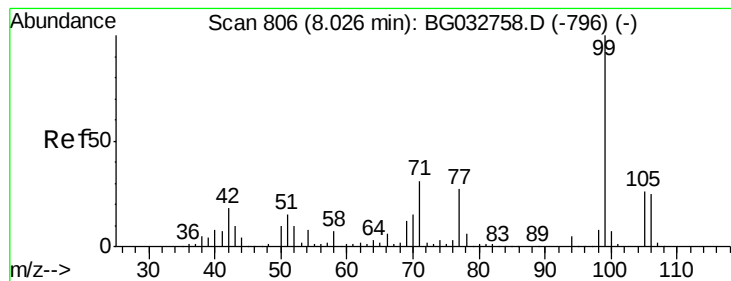
Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion:	93	Resp:	71144
Ion Ratio	Lower	Upper	
93	100		
66	41.5	33.7	50.5
65	22.4	16.1	24.1





#7

Phenol-d6

Concen: 133.432 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

ClientSampleId :

BU-02-031318MSD

Tot Ion: 99 Resp: 435932

Ion Ratio Lower Upper

99 100

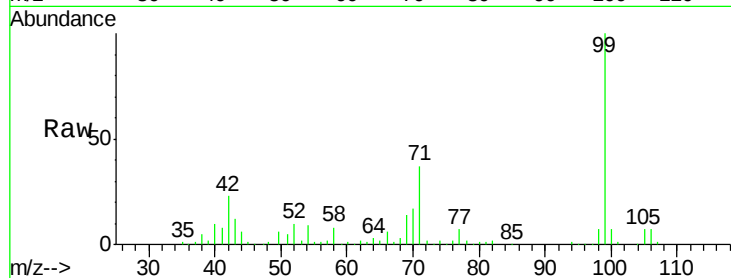
42 22.6 14.1 21.1#

71 37.3 26.1 39.1

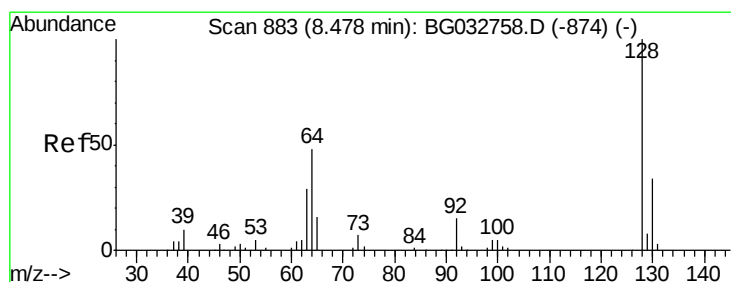
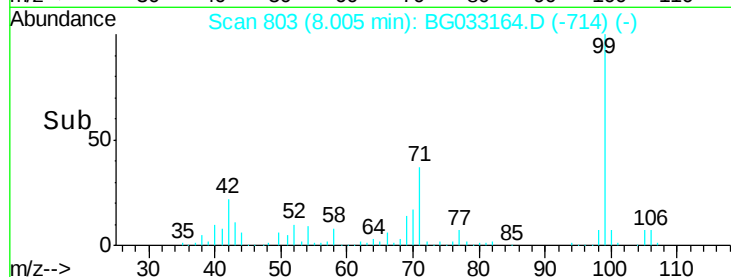
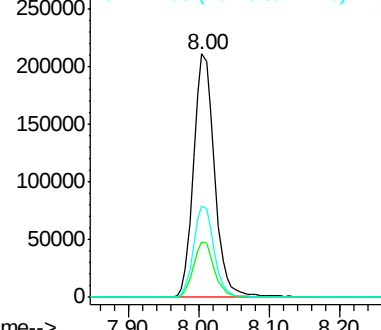
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.820 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

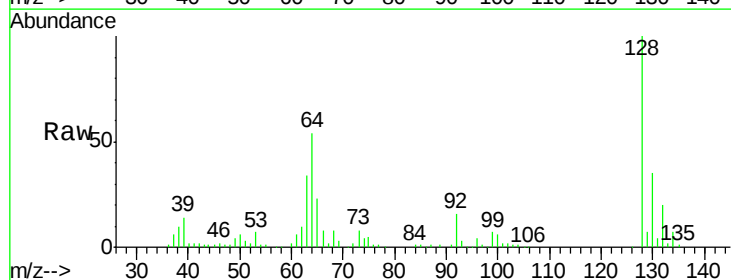
Tgt Ion:128 Resp: 130381

Ion Ratio Lower Upper

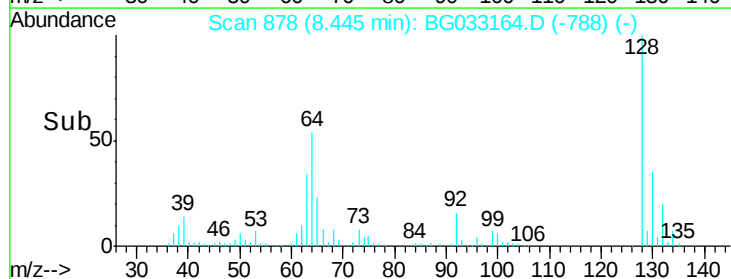
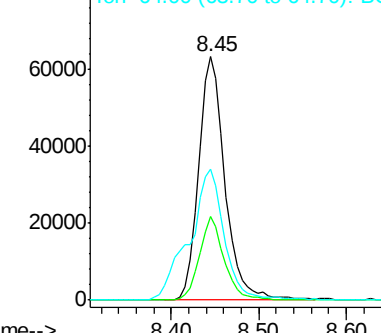
128 100

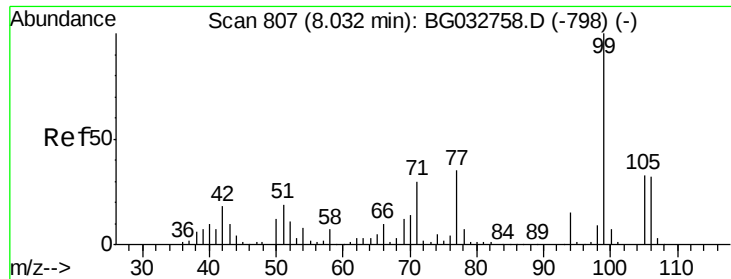
130 34.5 14.0 54.0

64 54.0 37.7 77.7



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





#9

Benzaldehyde

Concen: 22.798 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

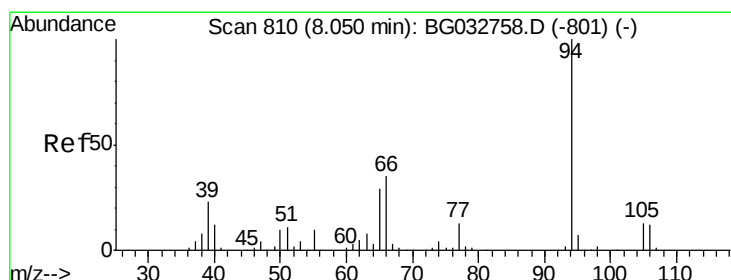
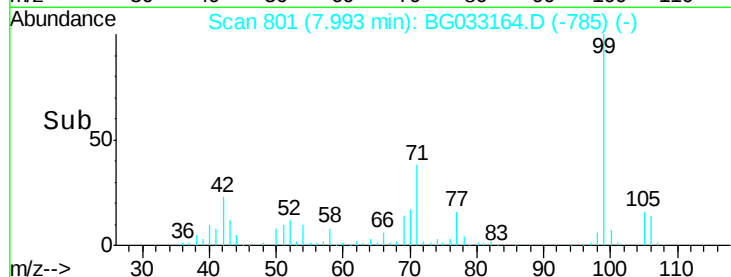
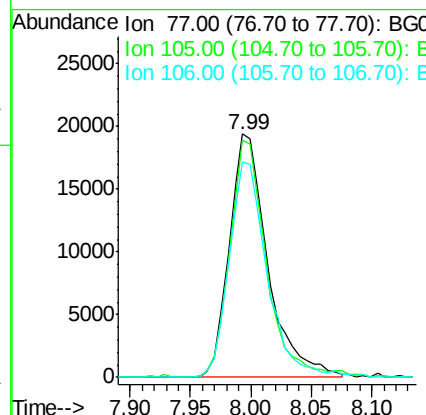
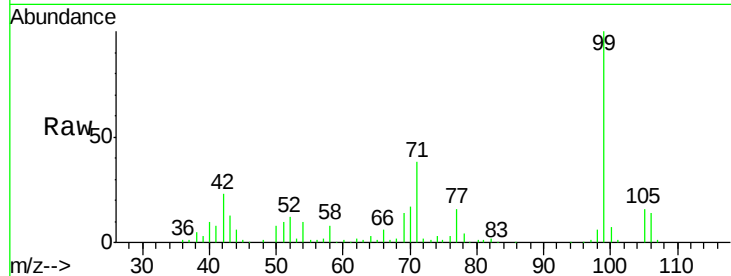
ClientSampleID :

BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	71.3	111.3
106	88.5	64.2	104.2

Manual Integrations
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3/15/2018 7:00:18 PM



#10

Phenol

Concen: 44.517 ng

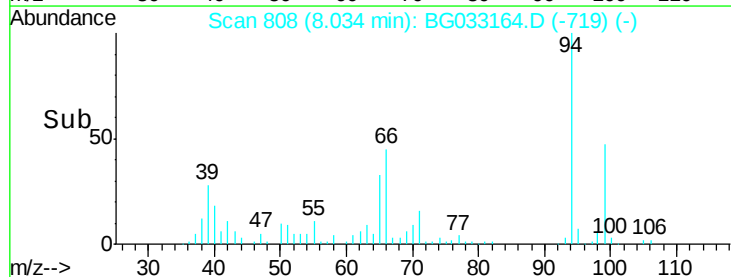
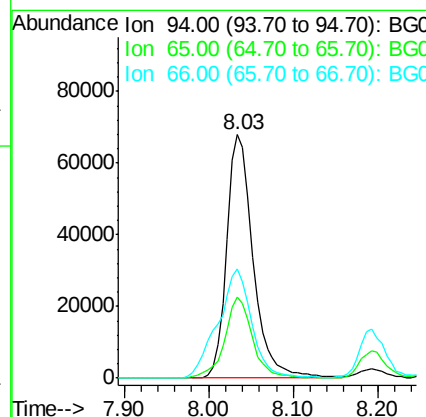
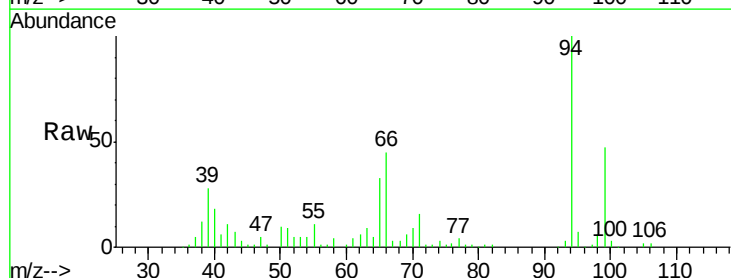
RT: 8.03 min Scan# 808

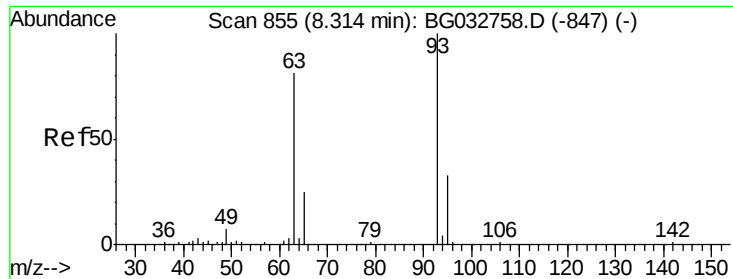
Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.9	51.9
66	45.1	22.2	62.2





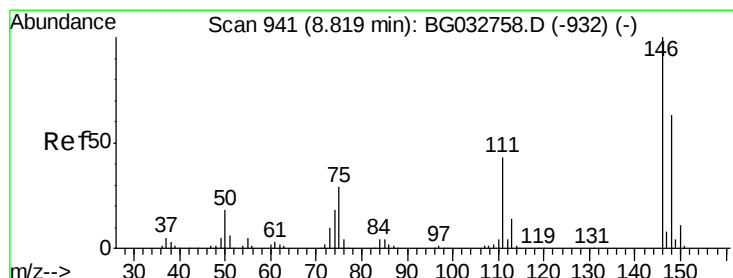
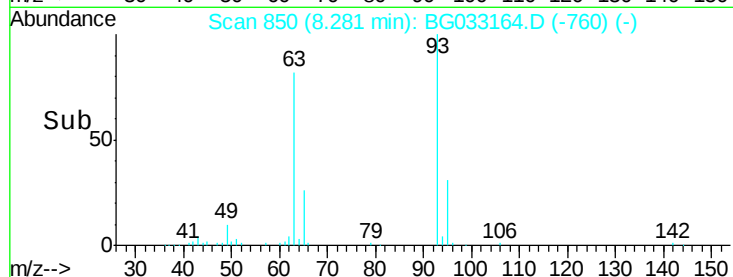
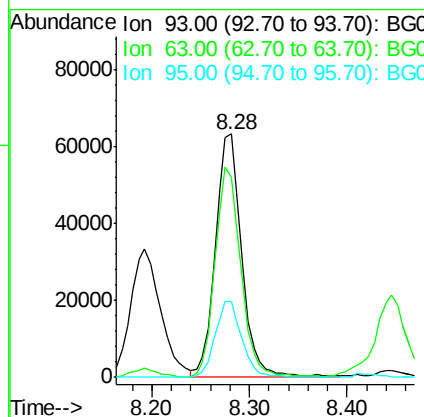
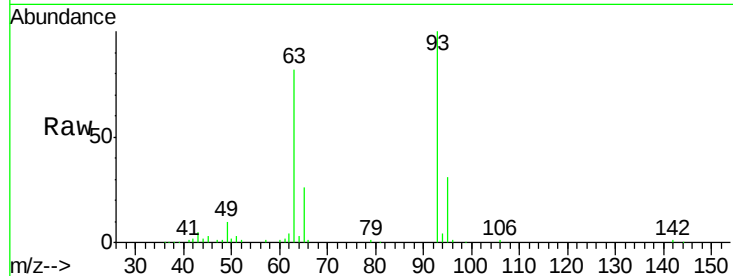
#11
bis(2-Chloroethyl)ether
Concen: 43.998 ng
RT: 8.28 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	67.1	107.1
95	31.0	11.5	51.5

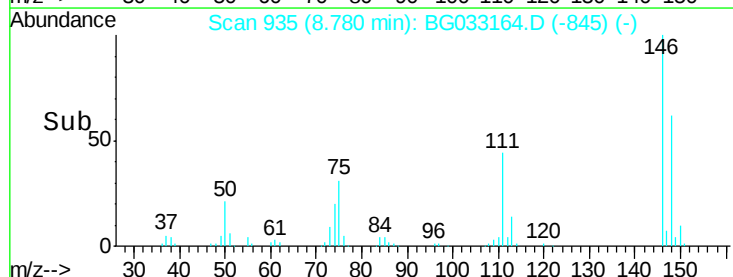
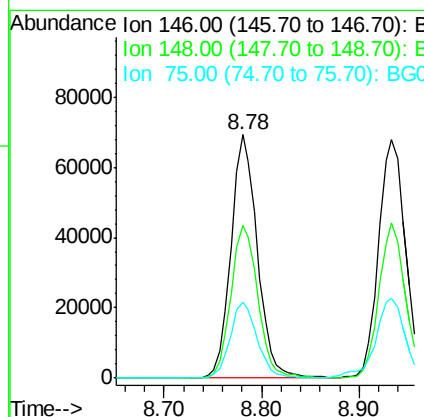
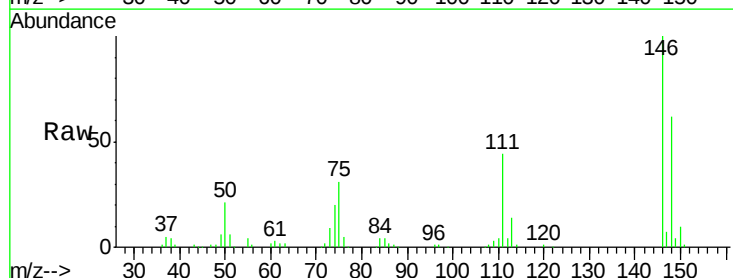
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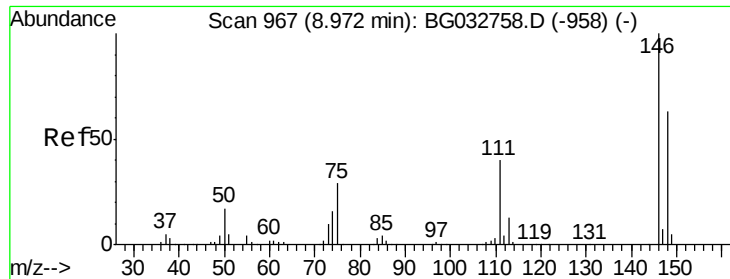
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#12
1,3-Dichlorobenzene
Concen: 43.225 ng
RT: 8.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
75	31.2	26.6	39.8





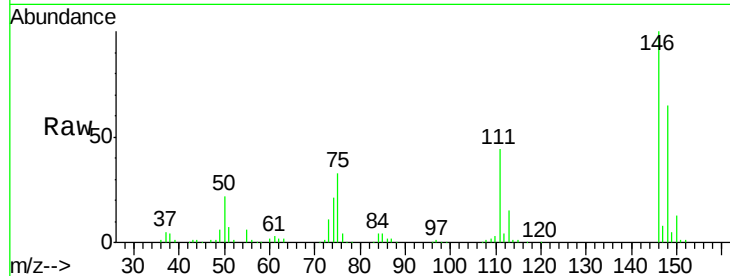
#13
 1,4-Dichlorobenzene
 Concen: 43.608 ng
 RT: 8.93 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

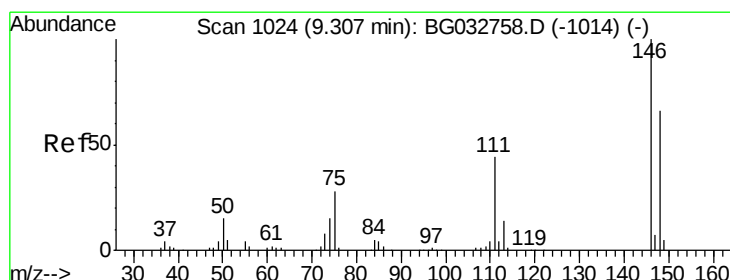
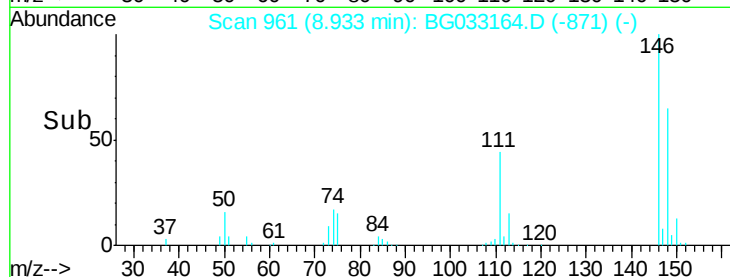
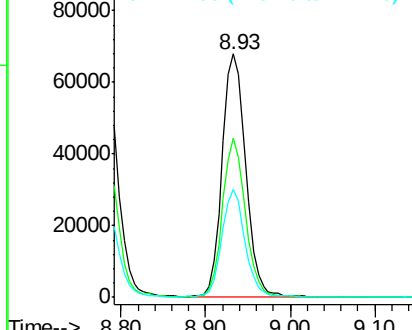
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.7	80.5
111	44.3	35.2	52.8

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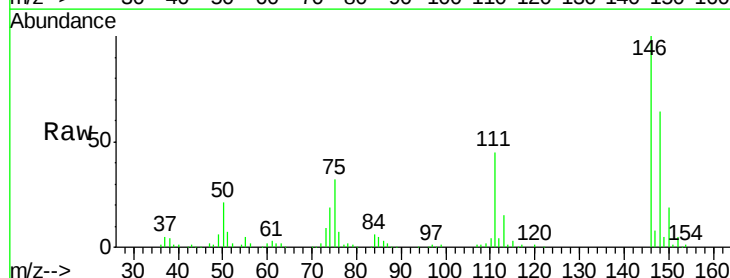


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

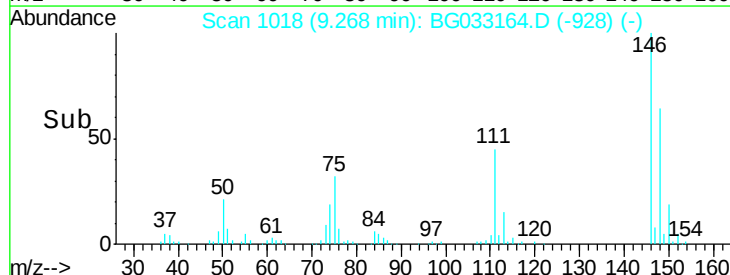
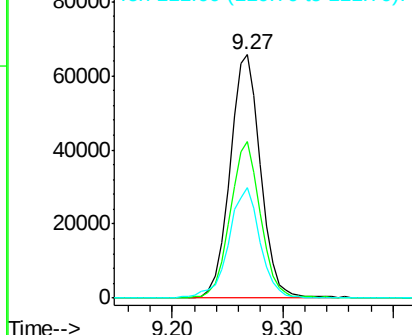


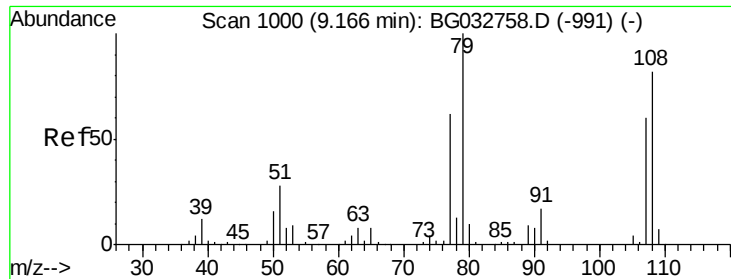
#14
 1,2-Dichlorobenzene
 Concen: 43.815 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.3	73.9
111	45.3	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





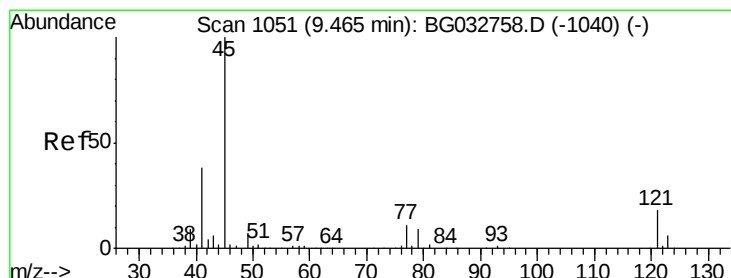
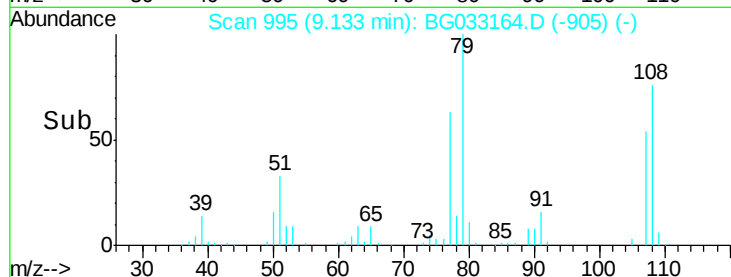
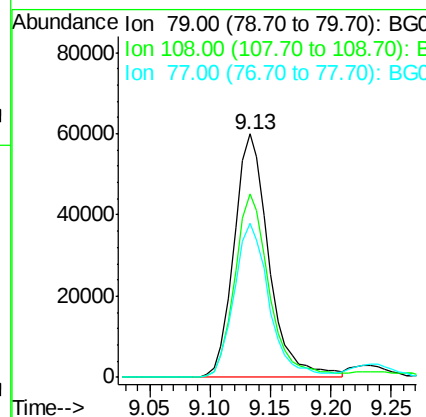
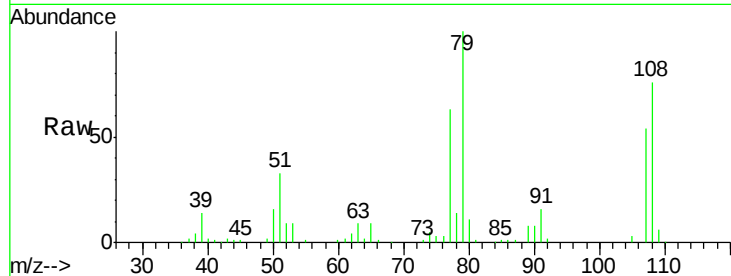
#15
Benzyl Alcohol
Concen: 50.181 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	57.2	85.8
77	63.4	46.1	69.1

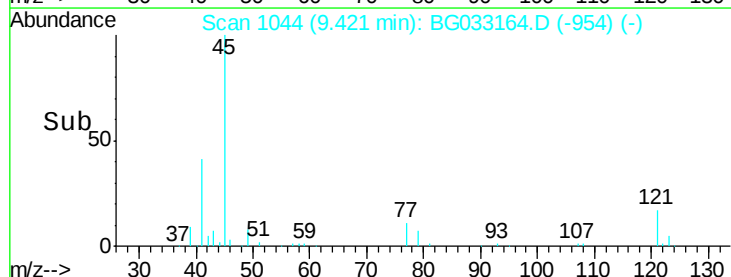
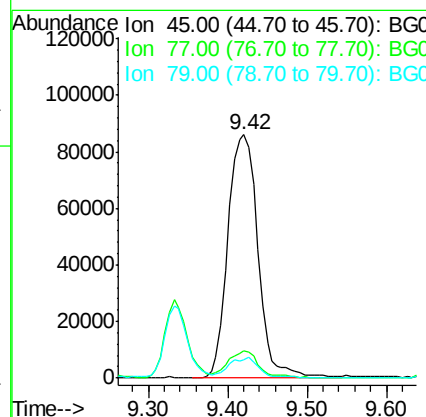
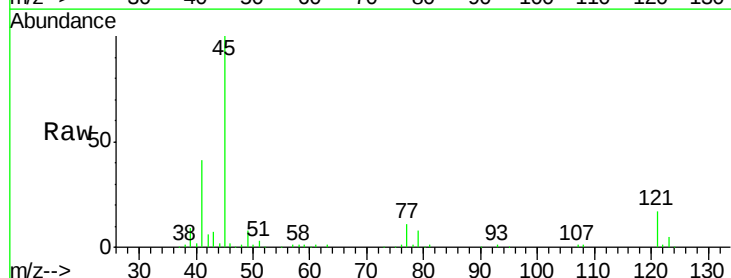
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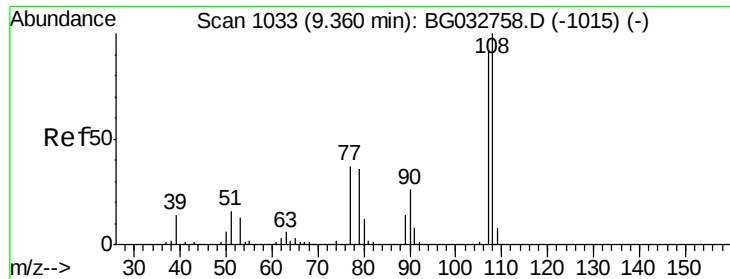
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.439 ng
RT: 9.42 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.2
79	7.6	0.0	27.9





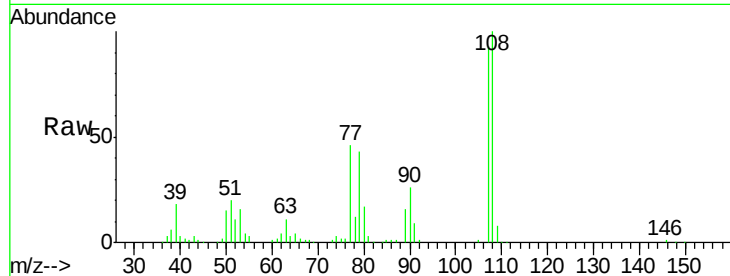
#17
2-Methylphenol
Concen: 45.607 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

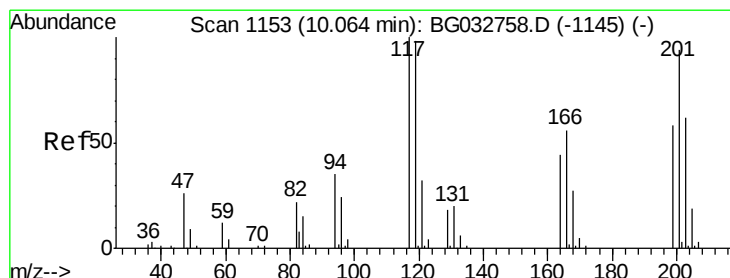
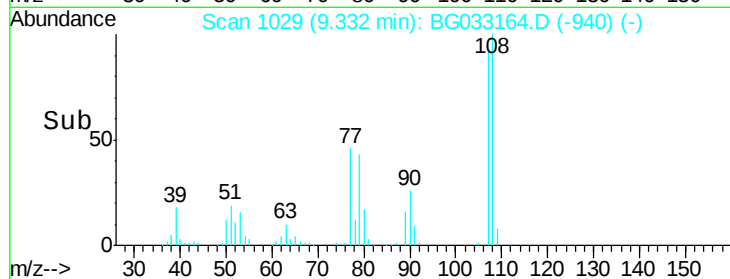
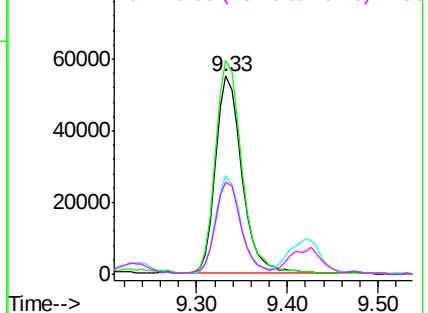
Tot Ion:	107	Resp:	110758
Ion Ratio	Lower	Upper	
107	100		
108	108.0	83.9	125.9
77	50.1	37.2	55.8
79	46.5	36.2	54.2

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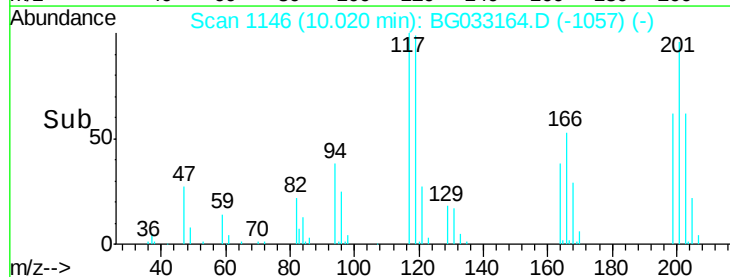
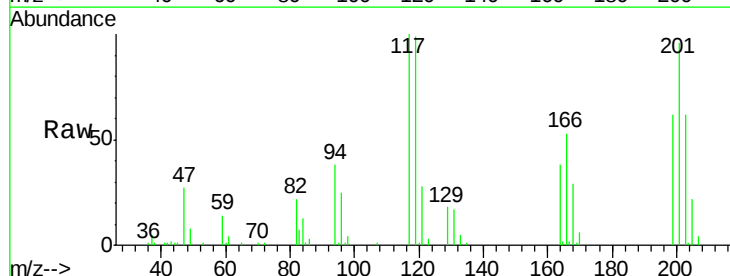
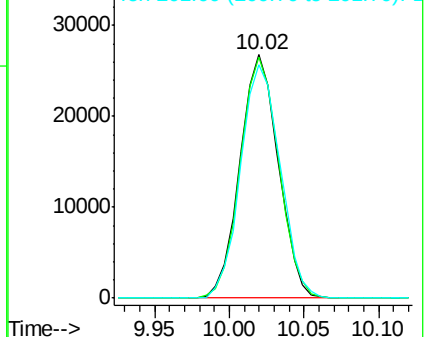
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

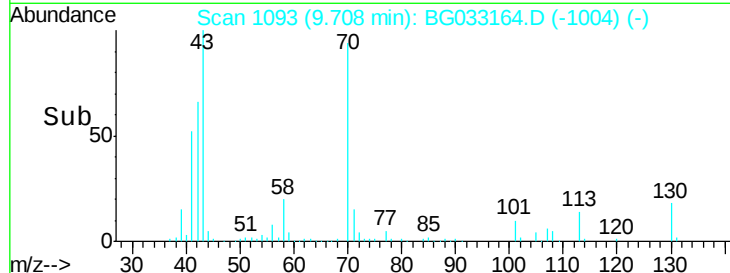
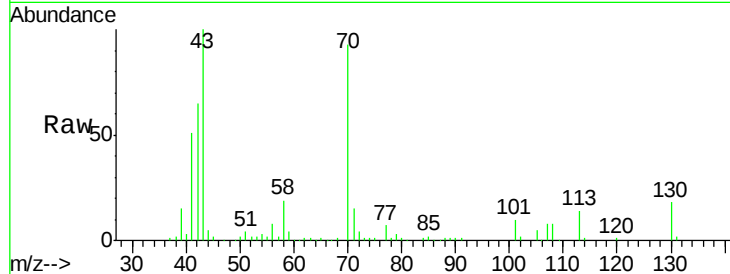
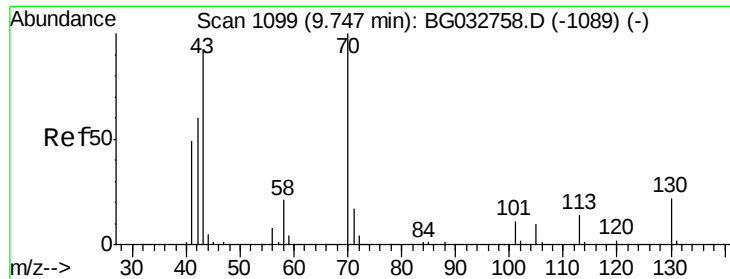


#18
Hexachloroethane
Concen: 46.297 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion:	117	Resp:	47679
Ion Ratio	Lower	Upper	
117	100		
119	99.0	76.7	115.1
201	95.9	95.7	143.5

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





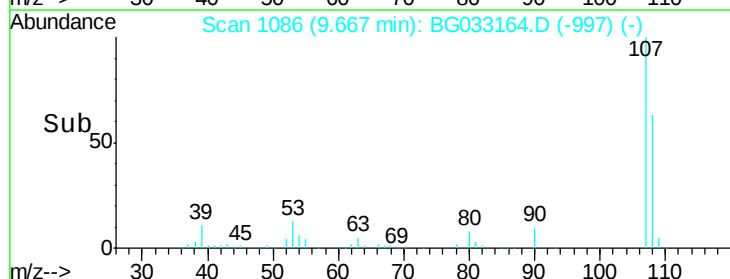
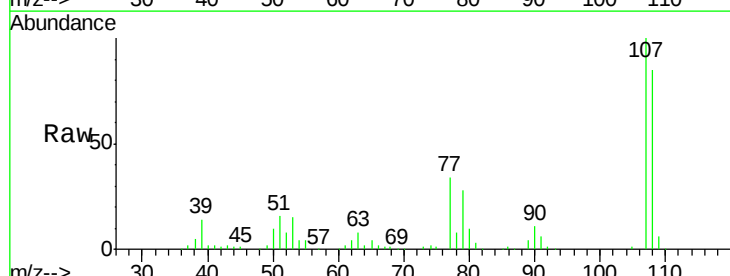
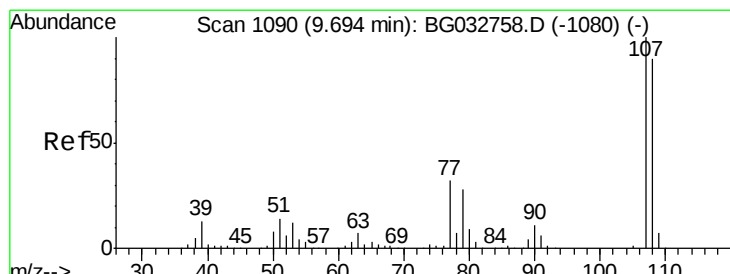
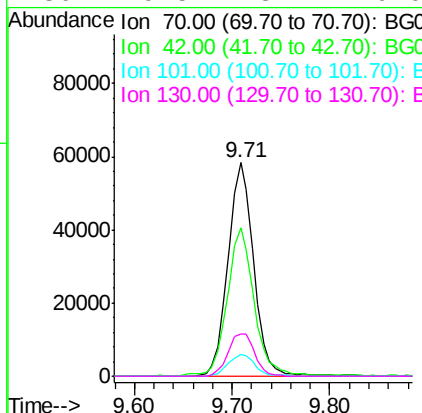
#19
n-Nitroso-di-n-propylamine
Concen: 46.034 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.7	49.1	73.7	
101	10.3	8.5	12.7	
130	19.5	13.4	20.0	

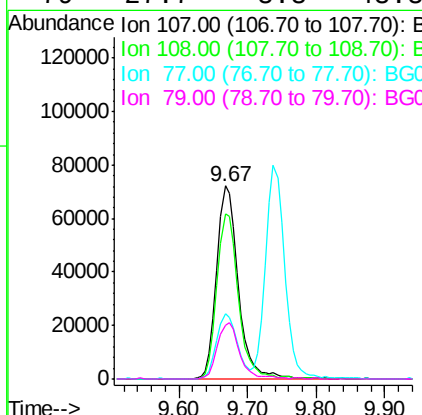
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#20
3+4-Methylphenols
Concen: 47.092 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	61.6	101.6	
77	34.1	13.9	53.9	
79	27.7	8.8	48.8	





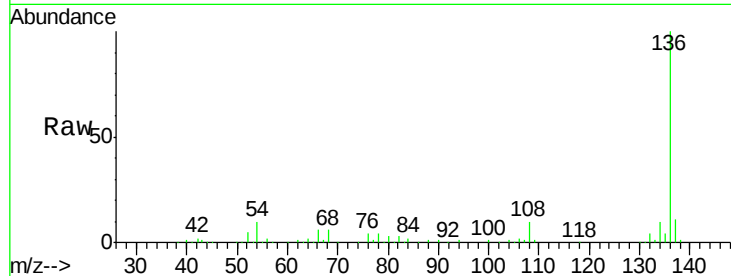
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

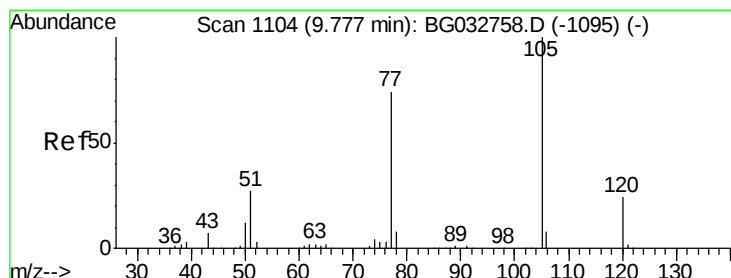
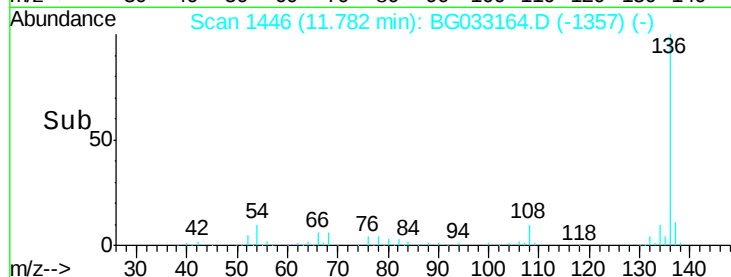
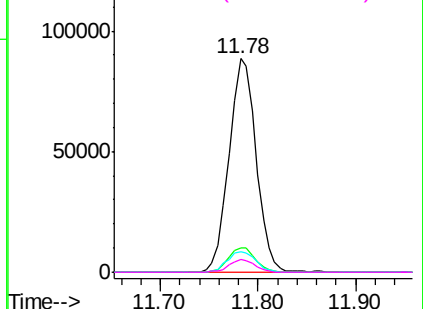
Tot Ion	Ratio	Resp	Lower	Upper
136	100	171329		
137	11.3		9.2	13.8
54	9.9		10.3	15.5
68	6.0		4.5	6.7

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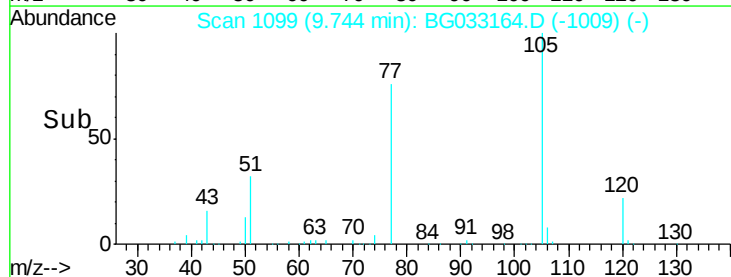
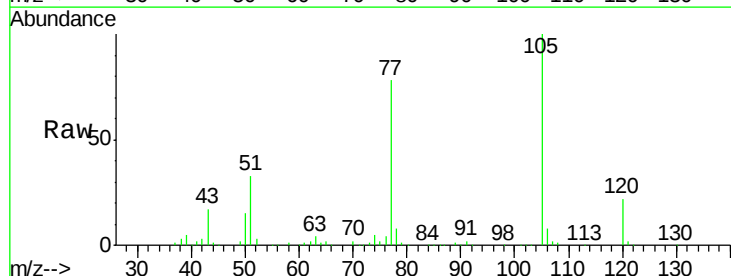
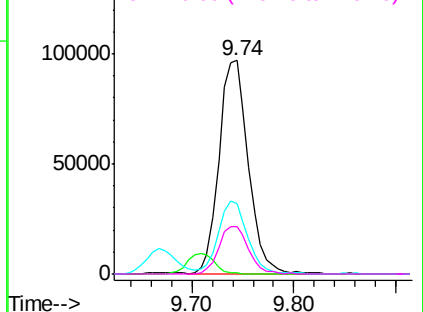
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.688 ng
RT: 9.74 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193362		
71	0.3		3.0	4.4
51	33.0		26.1	39.1
120	22.4		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





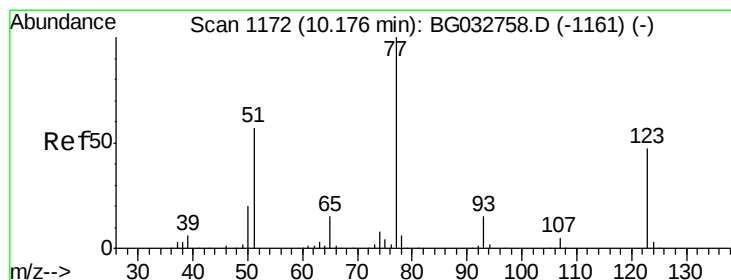
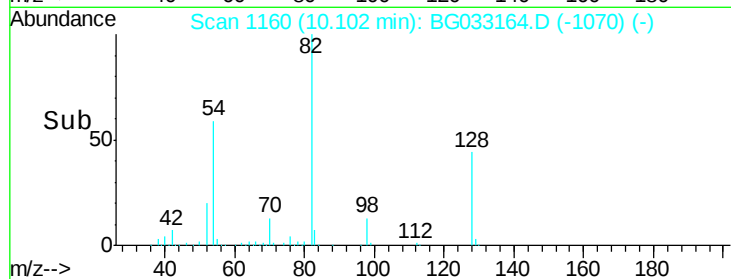
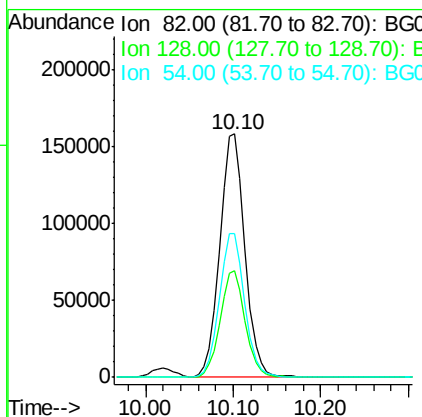
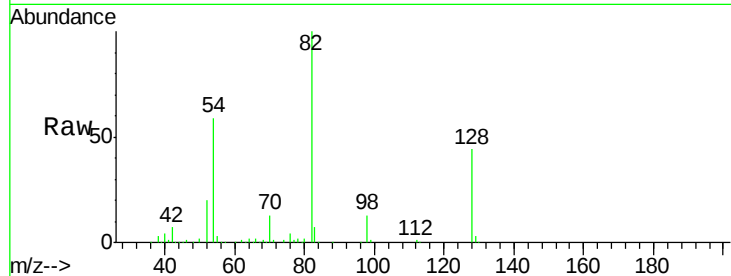
#23
 Nitrobenzene-d5
 Concen: 121.339 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	58.9	43.1	64.7

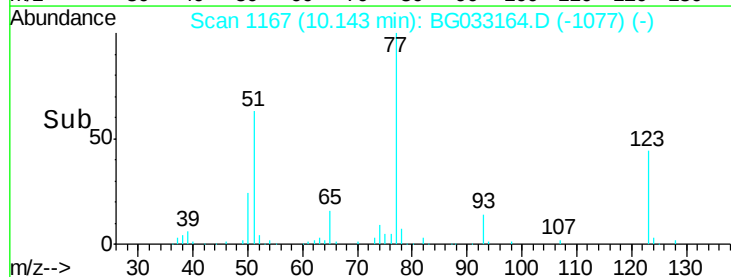
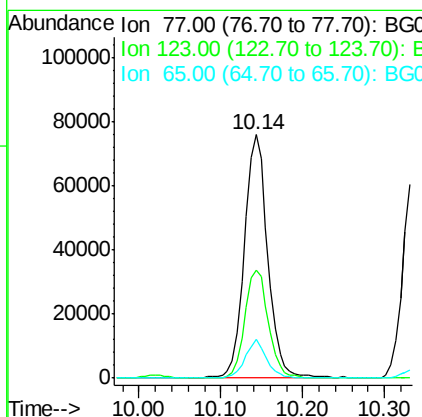
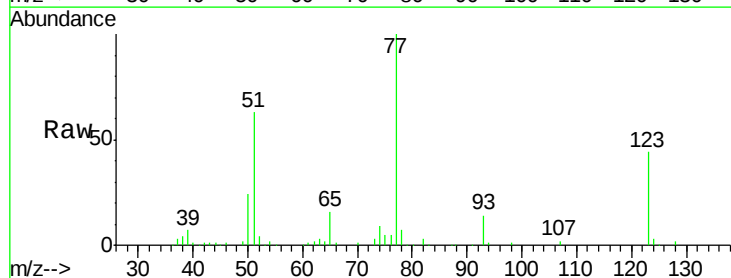
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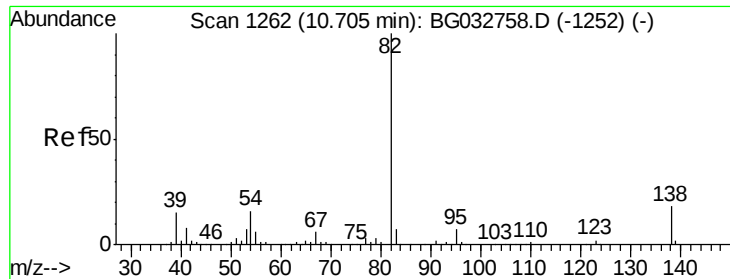
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#24
 Nitrobenzene
 Concen: 54.164 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.0	49.6
65	16.1	13.0	19.6





#25

Isophorone

Concen: 49.576 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

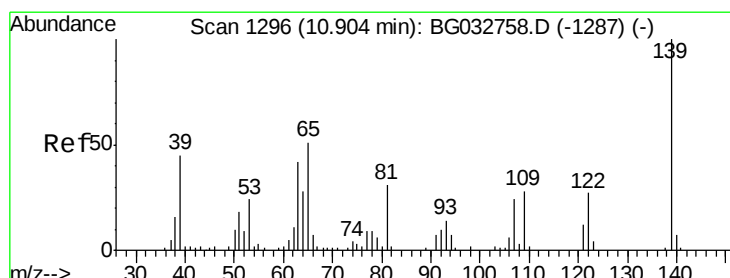
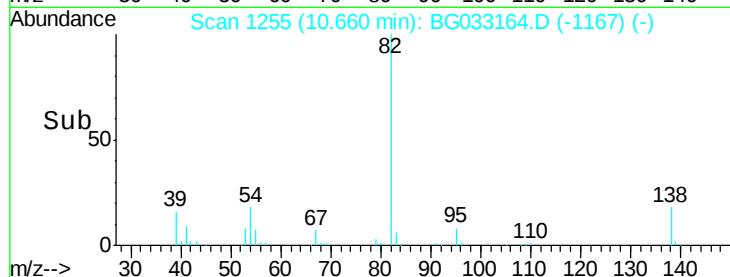
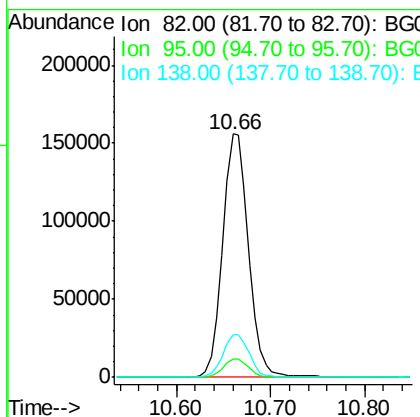
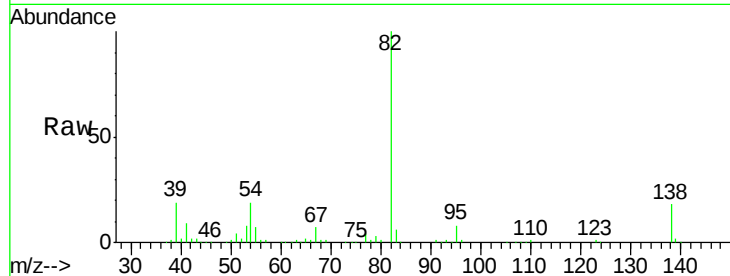
ClientSampleId :

BU-02-031318MSD

Tot Ion:	82	Resp:	298130
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.2	9.2
138	17.6	12.1	18.1

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#26

2-Nitrophenol

Concen: 66.516 ng

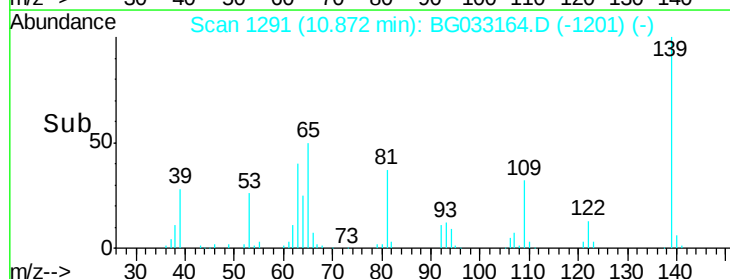
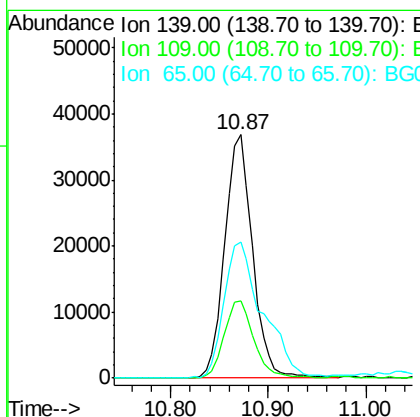
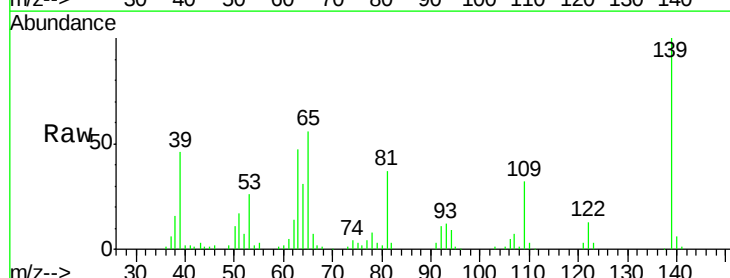
RT: 10.87 min Scan# 1291

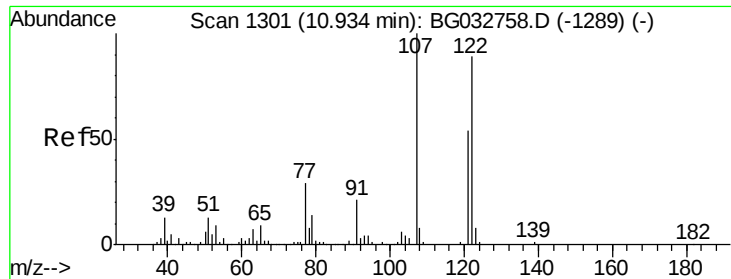
Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion:	139	Resp:	73003
Ion Ratio		Lower	Upper
139	100		
109	31.7	24.2	36.2
65	56.1	47.4	71.0





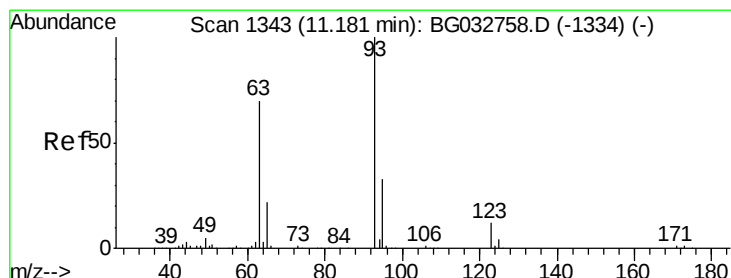
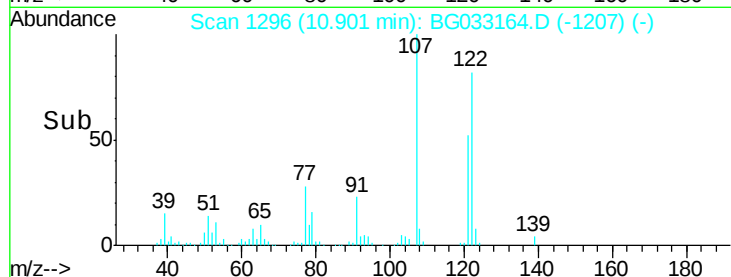
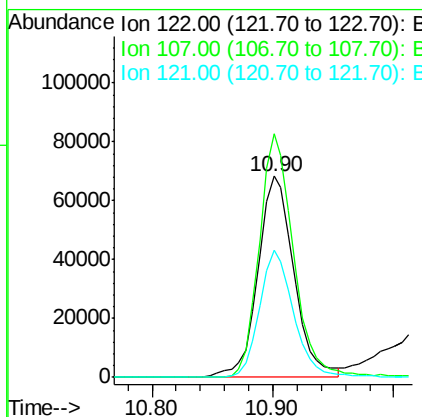
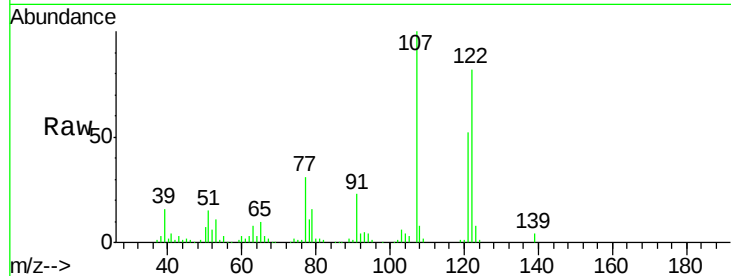
#27
2,4-Dimethylphenol
Concen: 54.029 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.2	100.2	150.2
121	63.3	44.4	66.6

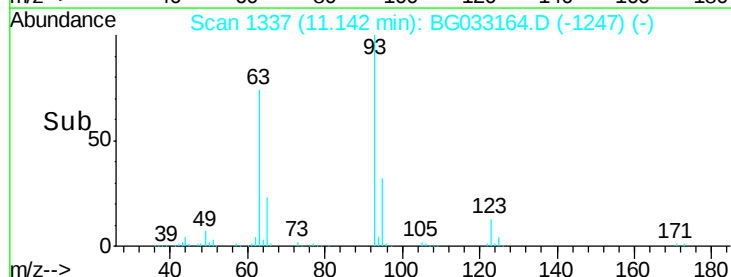
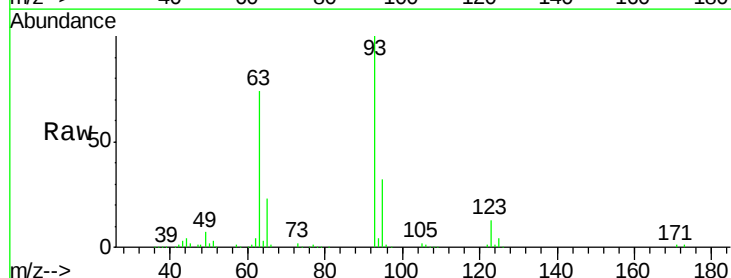
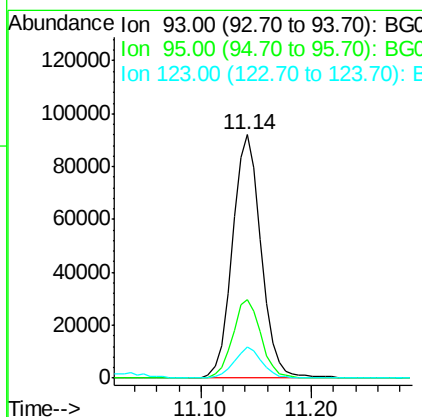
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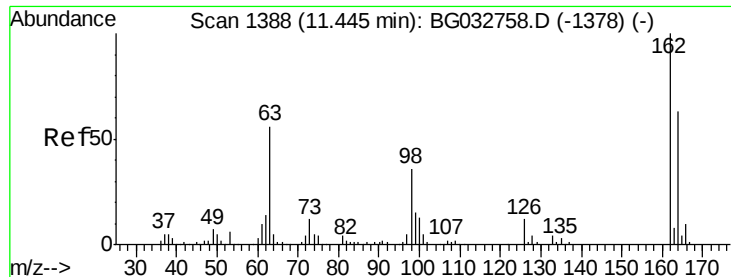
Sohil
3/15/2018 7:00:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.734 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	12.7	8.4	12.6#





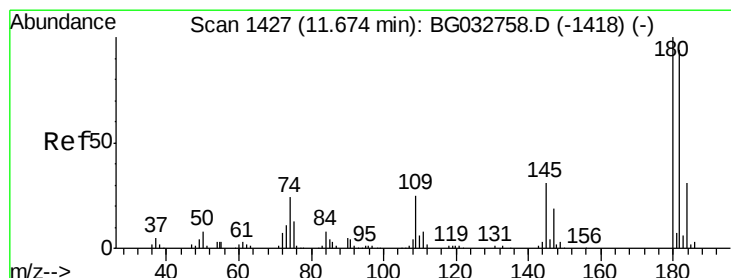
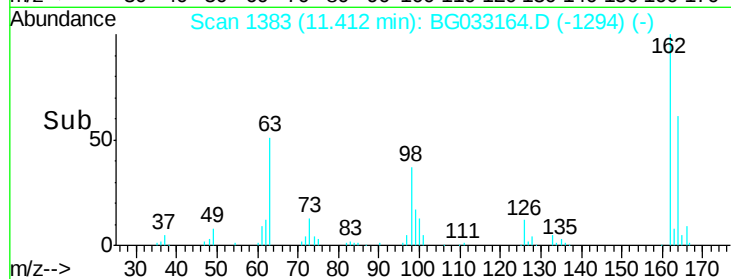
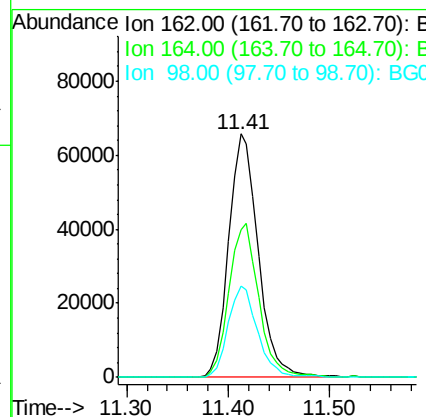
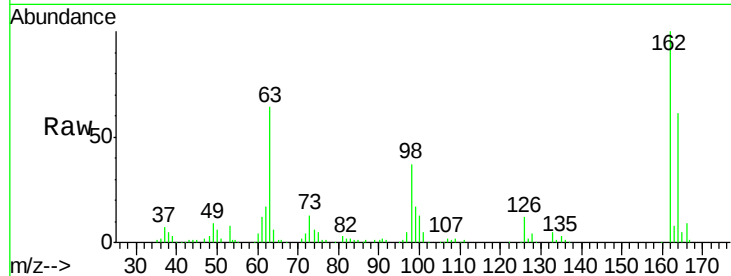
#29
 2,4-Dichlorophenol
 Concen: 56.195 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion:	162	Resp:	133237
Ion Ratio	Lower	Upper	
162	100		
164	60.9	48.0	88.0
98	37.3	21.1	61.1

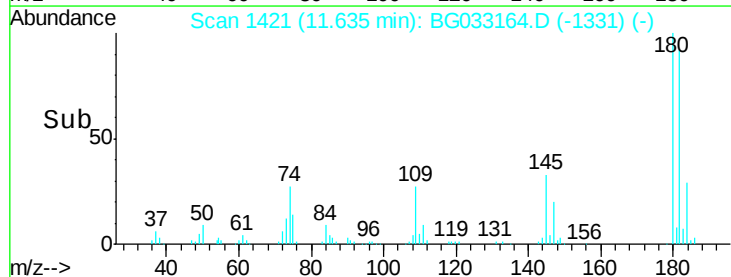
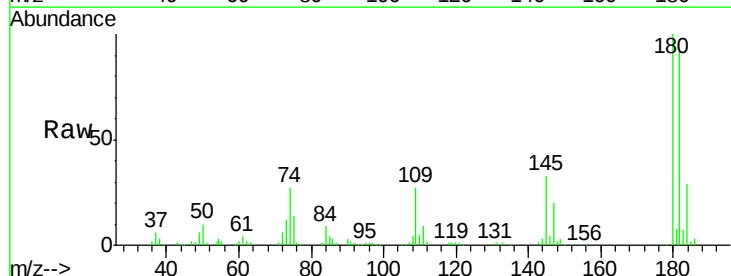
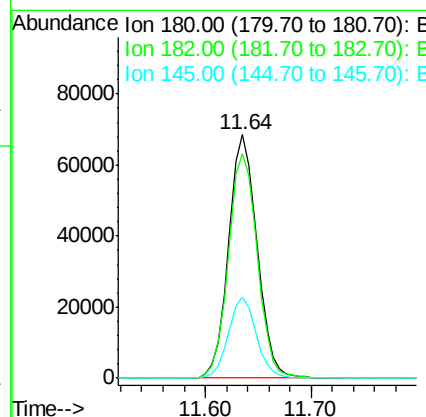
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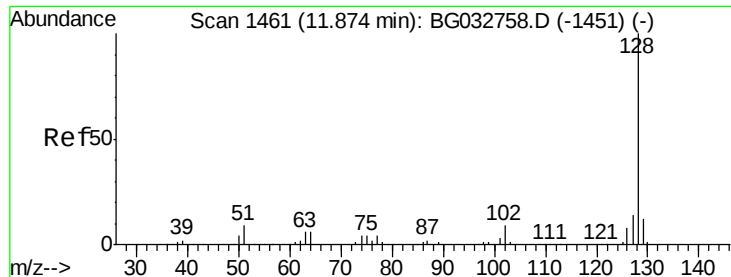
Sohil
 3/15/2018 7:00:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.904 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:	180	Resp:	127578
Ion Ratio	Lower	Upper	
180	100		
182	92.1	77.5	116.3
145	33.5	23.4	35.2





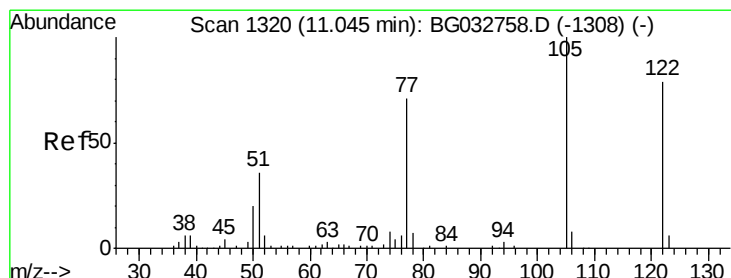
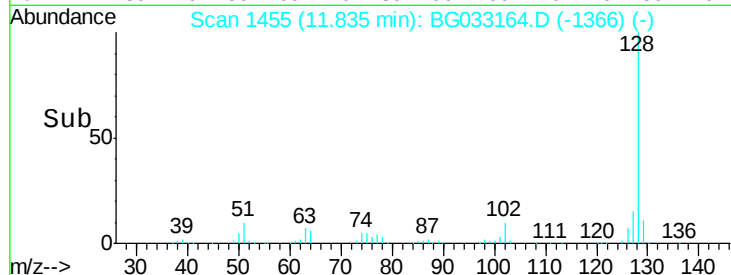
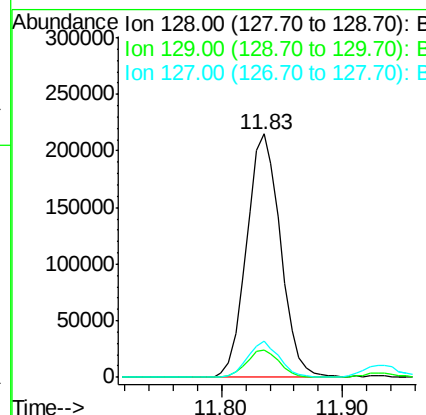
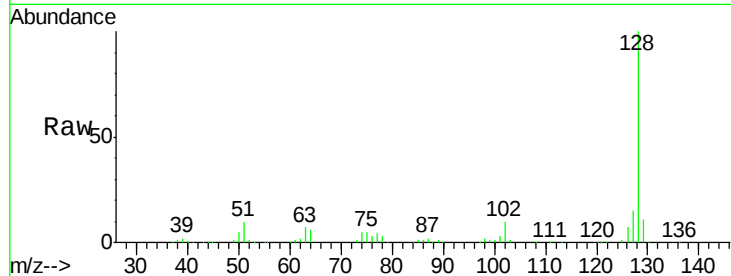
#31
Naphthalene
Concen: 47.009 ng
RT: 11.83 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.6	11.6	17.4

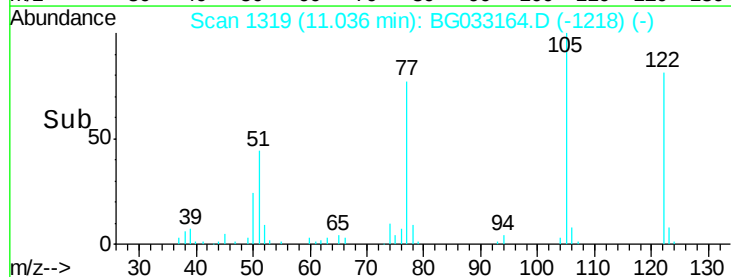
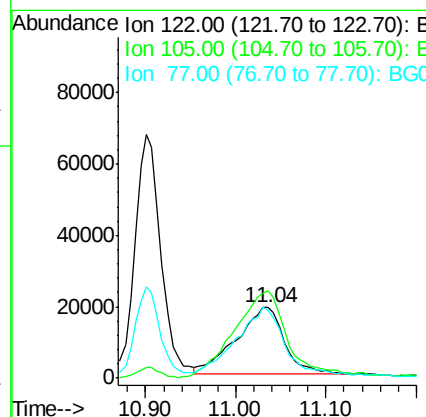
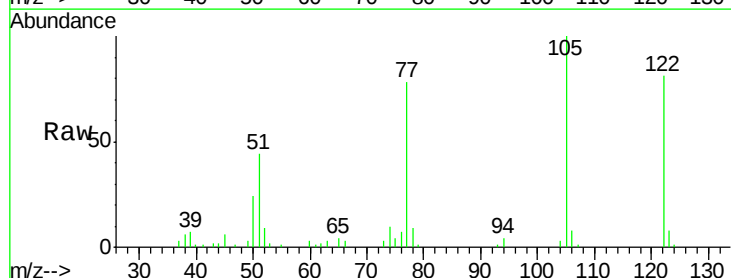
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#32
Benzoic acid
Concen: 44.636 ng m
RT: 11.04 min Scan# 1319
Delta R.T. 0.06 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	123.5	163.5#
77	96.6	85.7	125.7





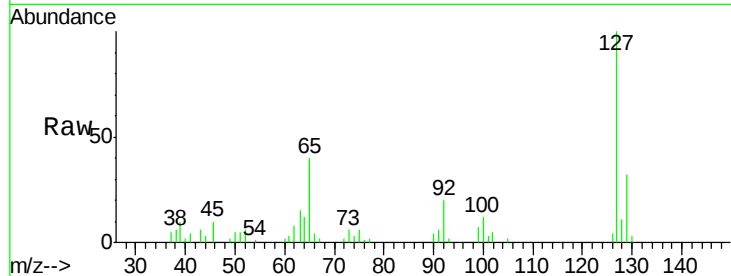
#33
4-Chloroaniline
Concen: 5.989 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

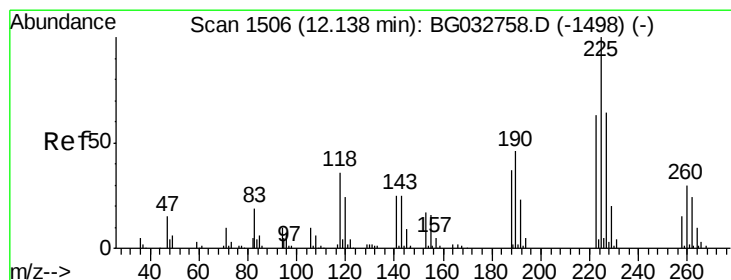
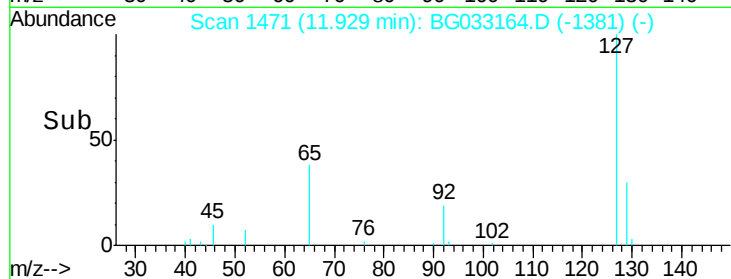
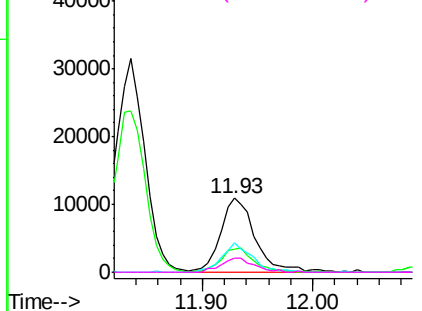
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.0	36.0
65	39.6	27.0	40.4
92	19.7	16.6	25.0

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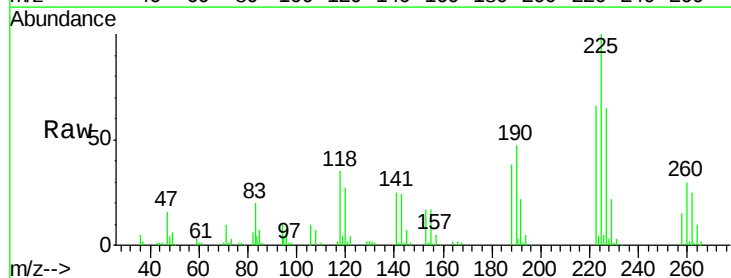


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

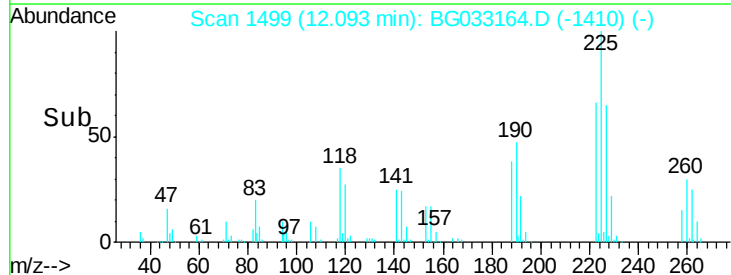
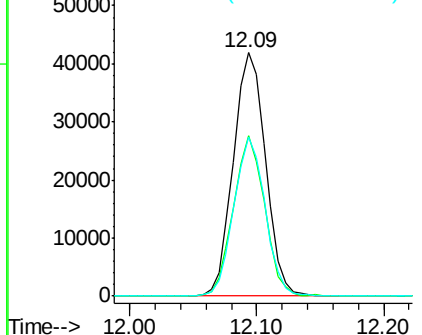


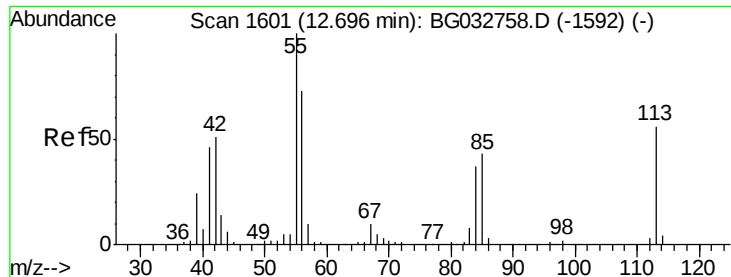
#34
Hexachlorobutadiene
Concen: 47.274 ng
RT: 12.09 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.7	74.5
227	65.4	48.1	72.1



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





#35

Caprolactam

Concen: 45.262 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

ClientSampleId :

BU-02-031318MSD

Tot Ion:113 Resp: 42970

Ion Ratio Lower Upper

113 100

55 197.8 186.9 226.9

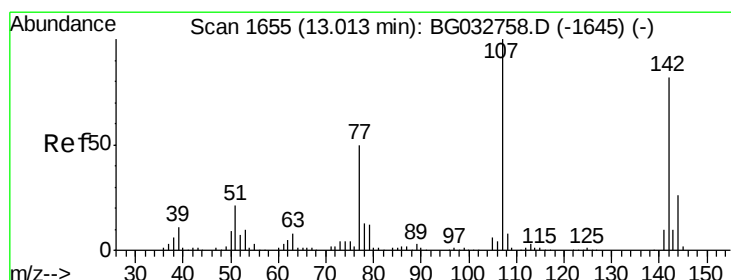
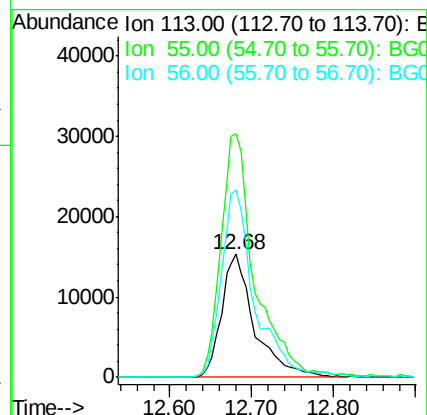
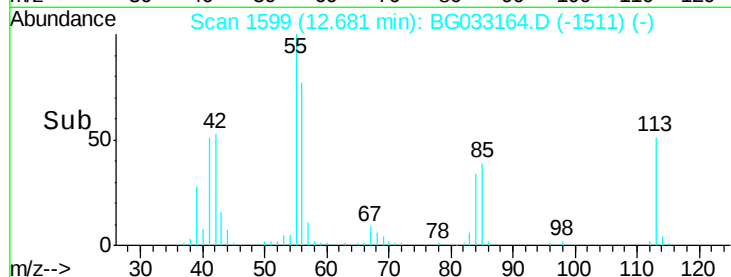
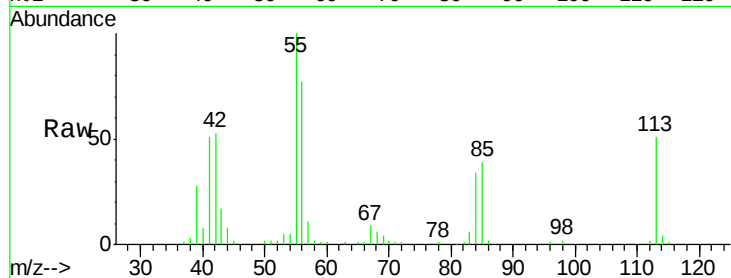
56 152.4 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 60.723 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

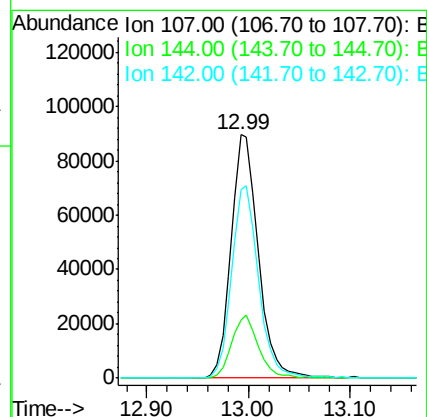
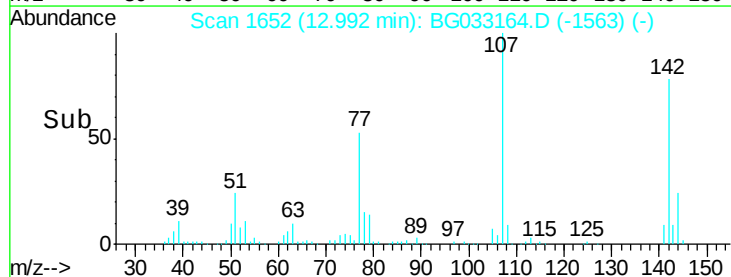
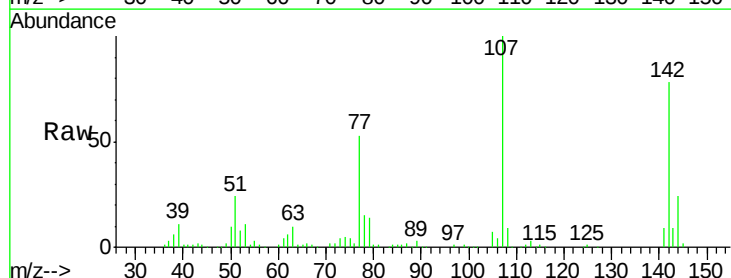
Tgt Ion:107 Resp: 167541

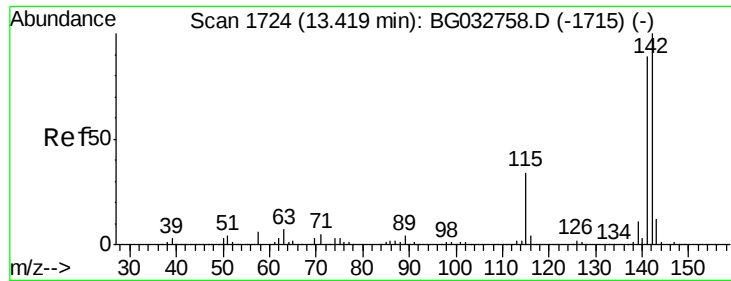
Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

142 77.6 59.0 88.4





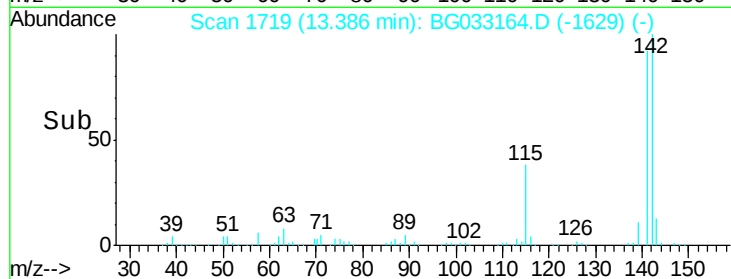
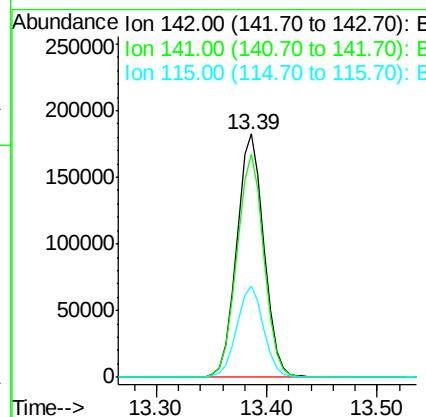
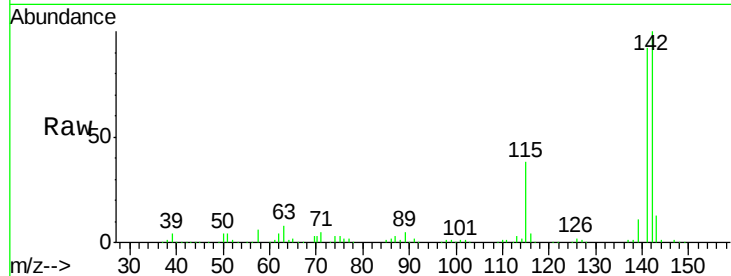
#37
2-Methylnaphthalene
Concen: 48.616 ng
RT: 13.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		314888		
141	91.8	67.1	100.7		
115	37.5	30.7	46.1		

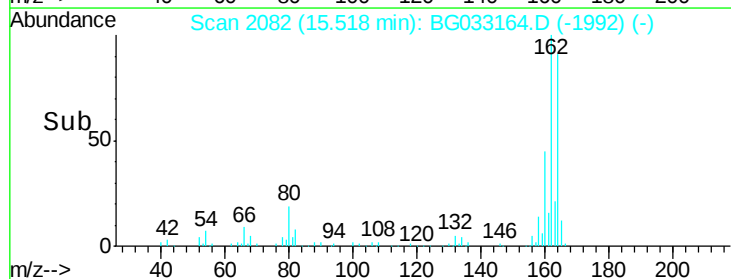
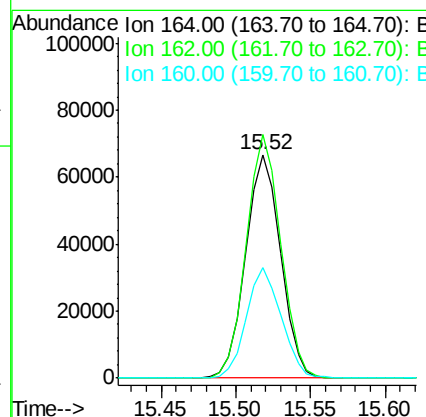
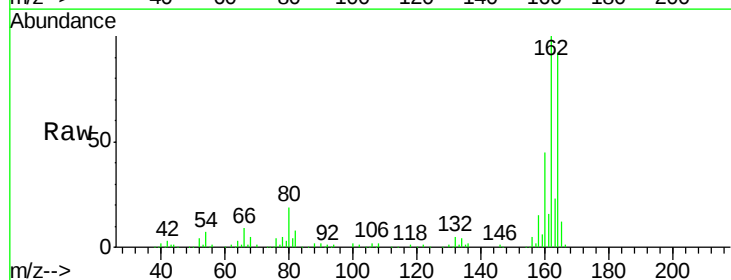
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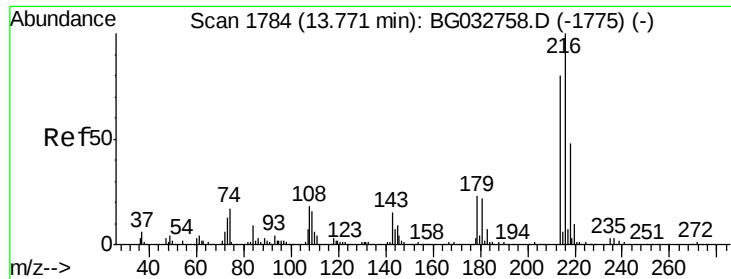
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		107782		
162	109.0	78.8	118.2		
160	49.4	35.4	53.0		





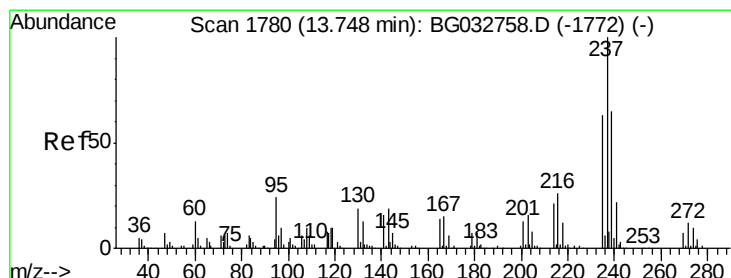
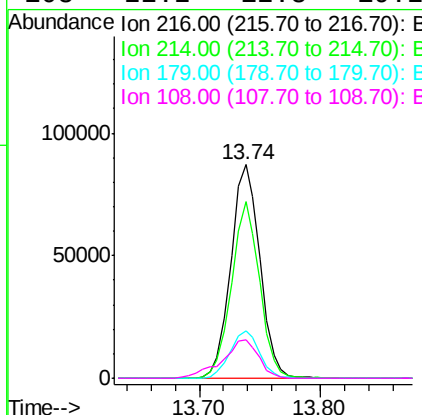
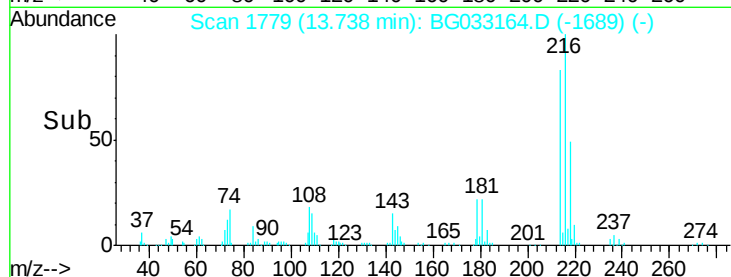
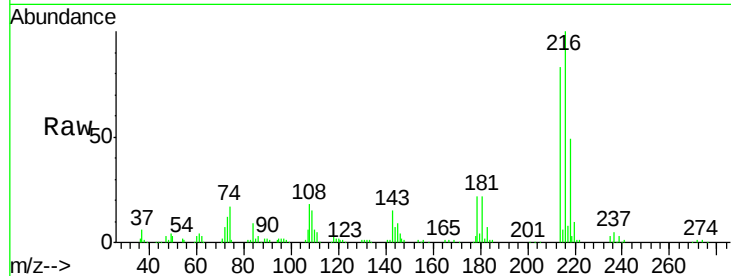
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.654 ng
 RT: 13.74 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		146071		
214	79.6		63.0	94.4	
179	22.4		17.0	25.6	
108	22.2		12.8	19.2	

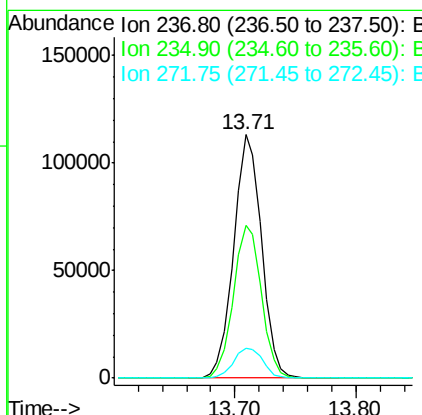
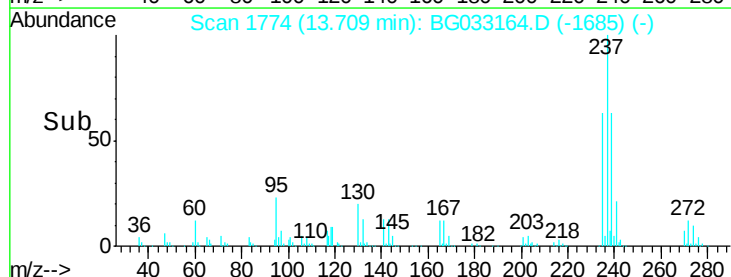
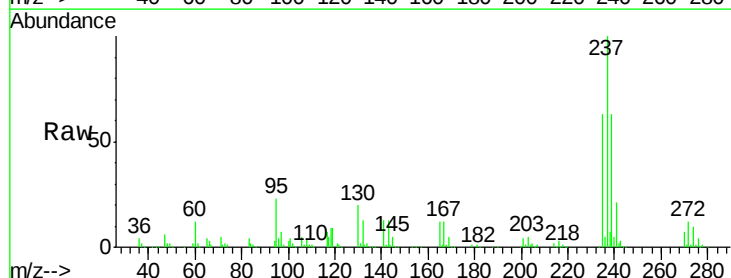
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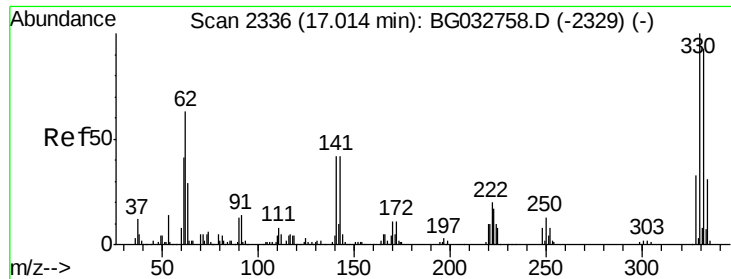
Sohil
 3/15/2018 7:00:18 PM



#40
 Hexachlorocyclopentadiene
 Concen: 111.507 ng
 RT: 13.71 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		181824		
235	62.8		50.4	90.4	
272	12.2		0.0	31.8	





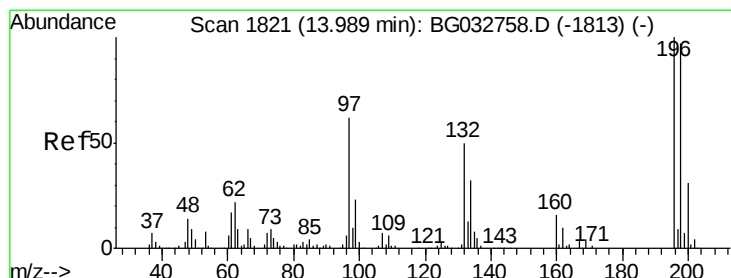
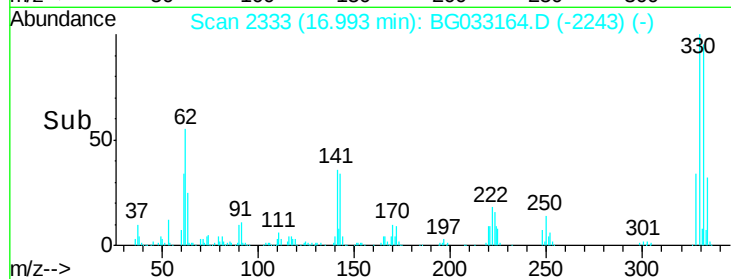
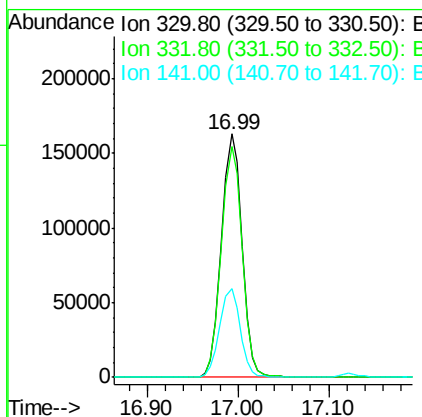
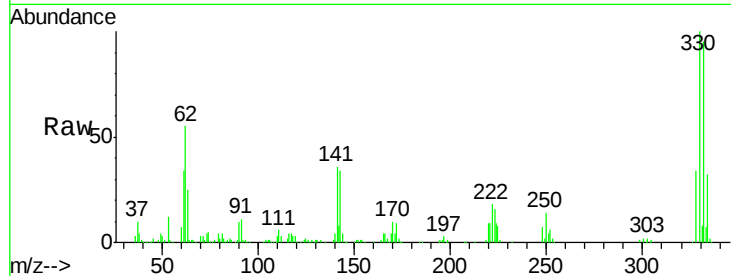
#41
 2,4,6-Tribromophenol
 Concen: 226.974 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	257227		
332	96.1	77.0	115.6	
141	36.7	25.2	37.8	

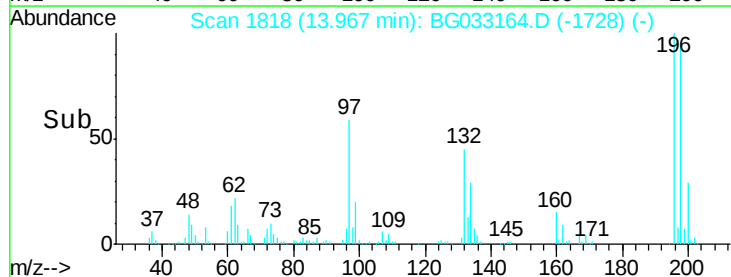
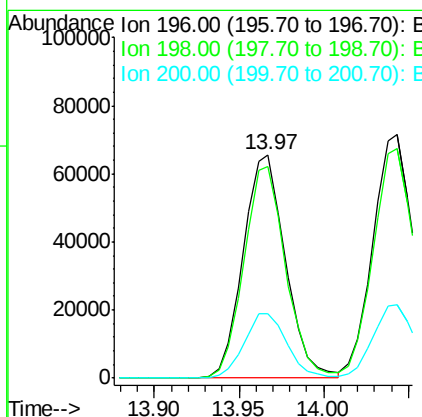
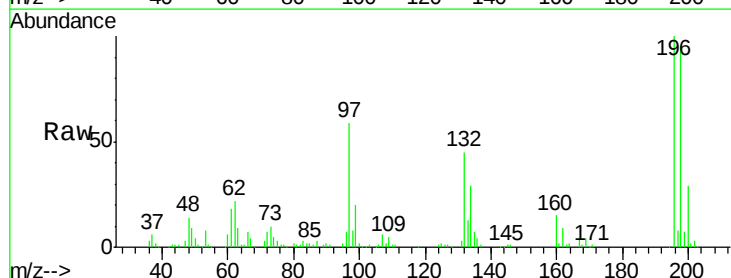
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#42
 2,4,6-Trichlorophenol
 Concen: 56.558 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114120		
198	94.8	78.2	117.2	
200	28.8	24.6	36.8	





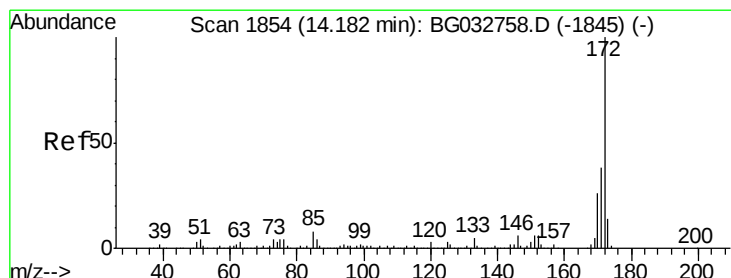
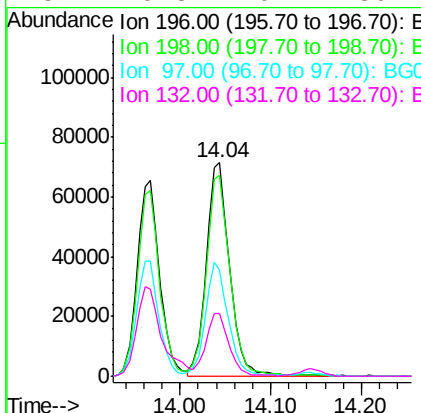
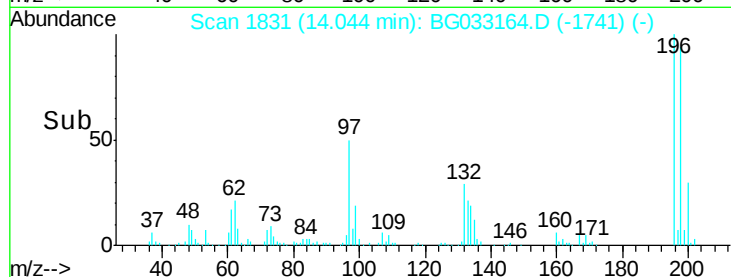
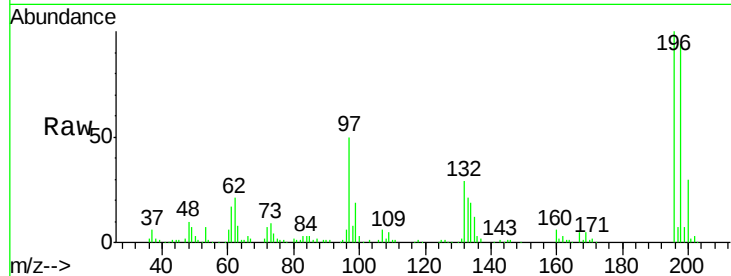
#43
 2,4,5-Trichlorophenol
 Concen: 54.882 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		128167		
198	94.3	76.2	114.4		
97	49.7	38.7	58.1		
132	29.3	20.2	30.2		

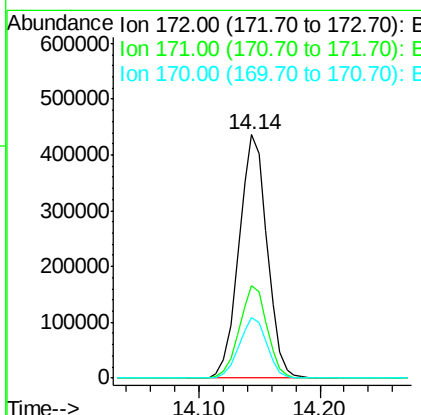
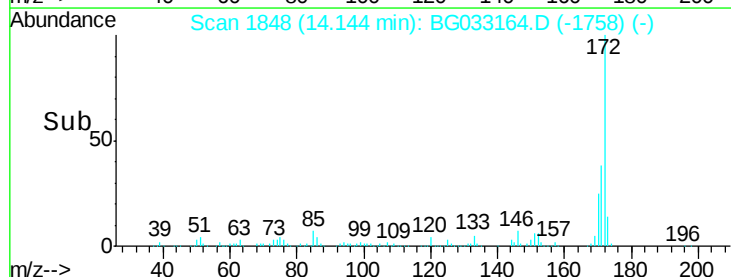
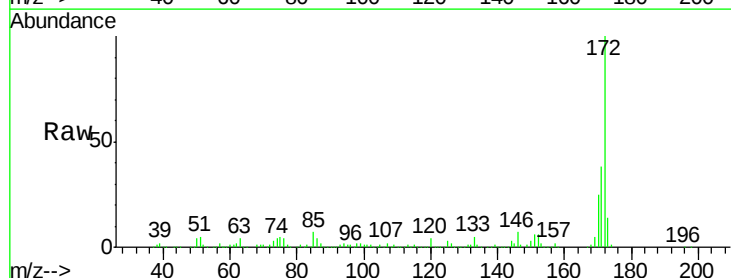
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#44
 2-Fluorobiphenyl
 Concen: 94.690 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		707637		
171	37.9	30.0	45.0		
170	24.9	19.5	29.3		





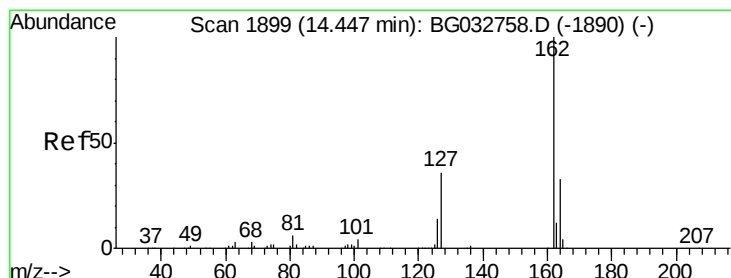
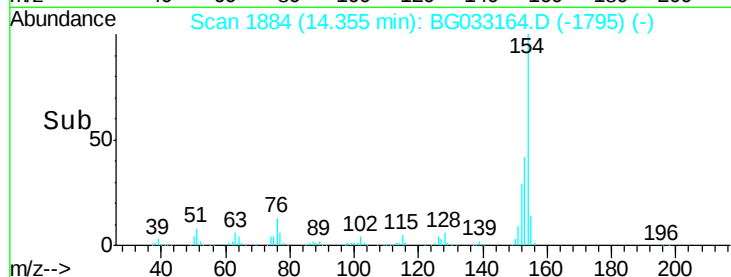
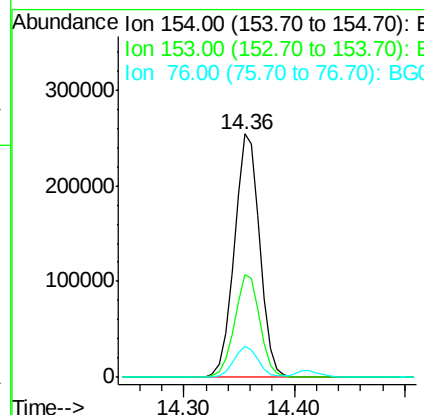
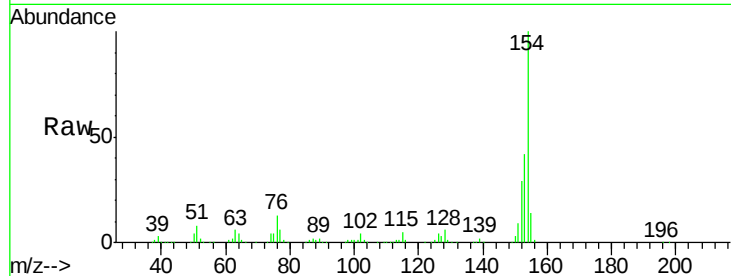
#45
 1,1'-Biphenyl
 Concen: 43.334 ng
 RT: 14.36 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion:	154	Resp:	408139
Ion Ratio	Lower	Upper	
154	100		
153	42.1	19.8	59.8
76	12.7	0.0	31.9

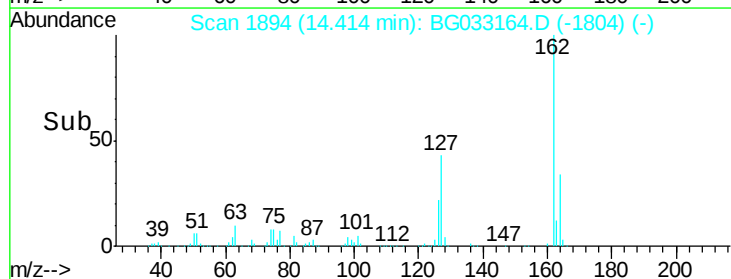
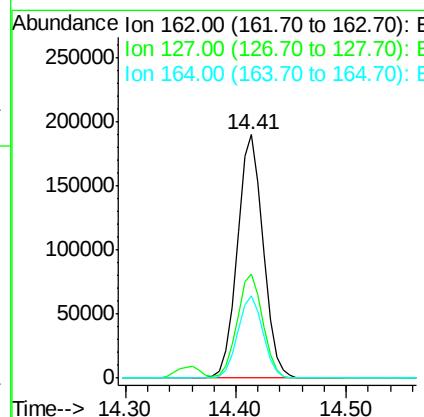
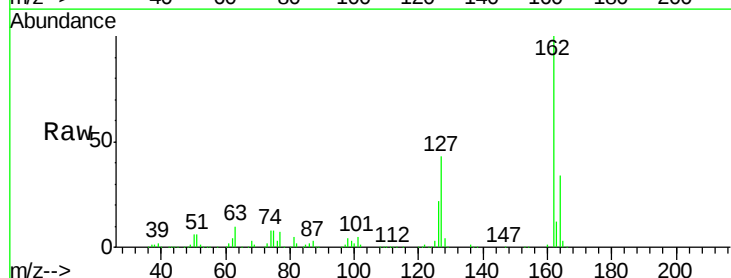
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 44.232 ng
 RT: 14.41 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion:	162	Resp:	311194
Ion Ratio	Lower	Upper	
162	100		
127	42.5	30.7	46.1
164	33.7	26.0	39.0





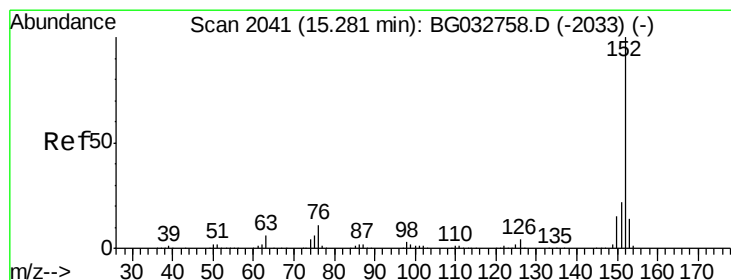
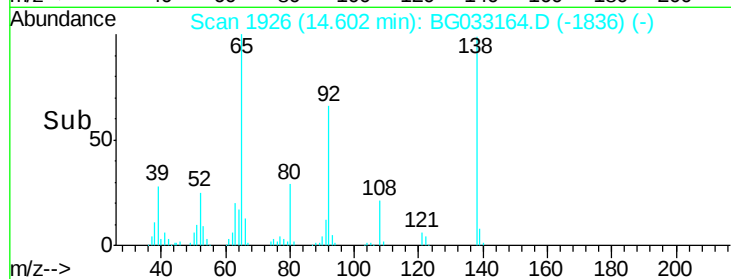
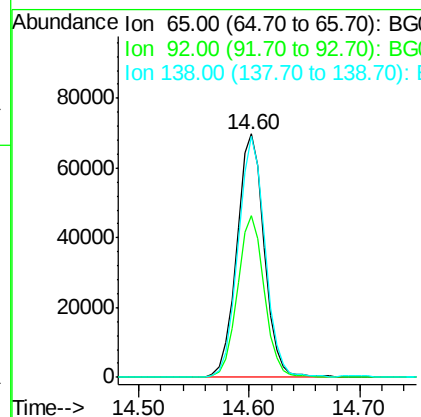
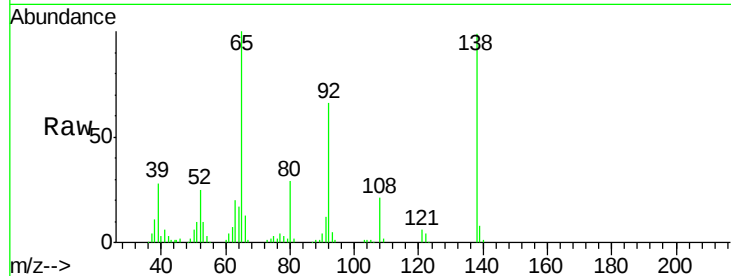
#47
2-Nitroaniline
Concen: 64.245 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121419		
92	66.2	54.6	82.0	
138	99.1	72.9	109.3	

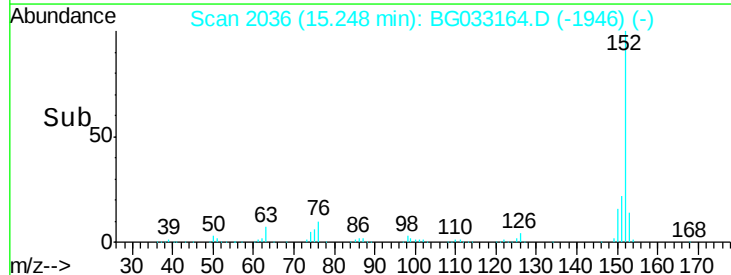
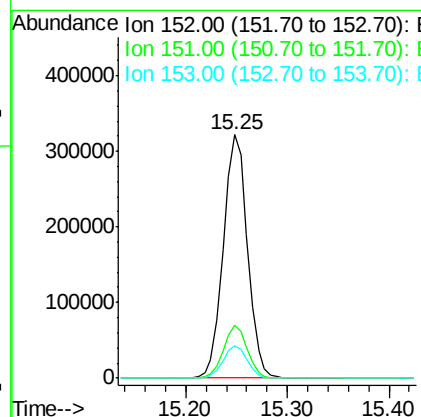
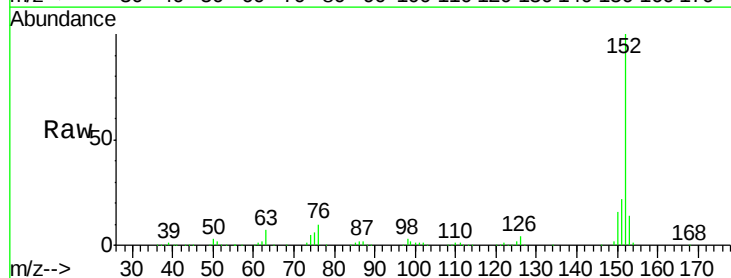
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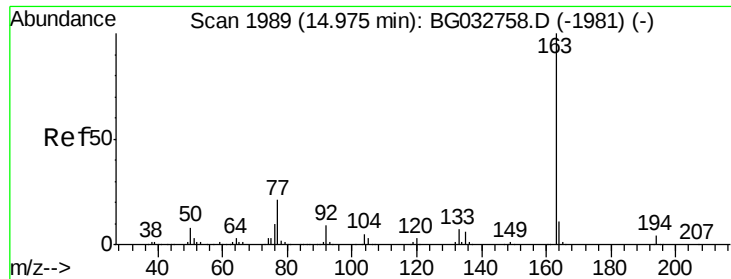
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#48
Acenaphthylene
Concen: 46.038 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	530302		
151	21.7	17.2	25.8	
153	13.5	10.2	15.4	





#49

Dimethylphthalate

Concen: 48.341 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

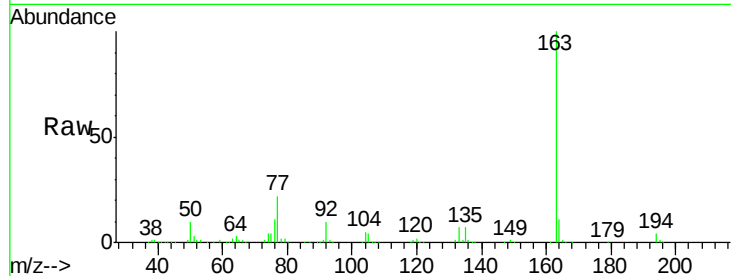
ClientSampleId :

BU-02-031318MSD

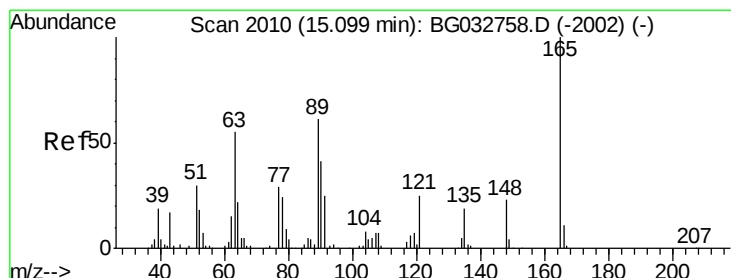
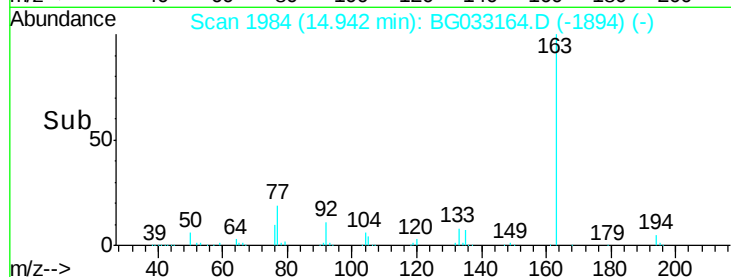
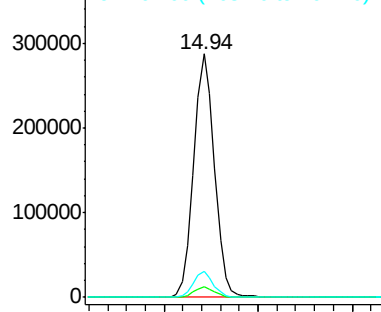
Tot Ion:	163	Resp:	442398
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.7	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 61.444 ng

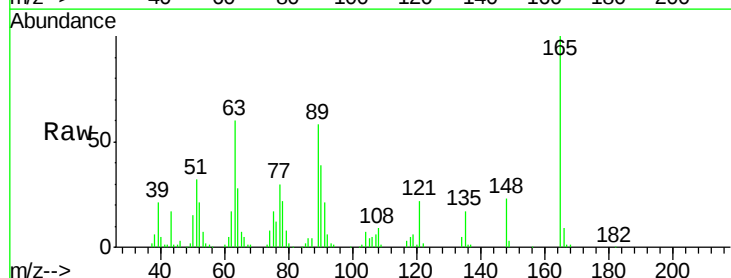
RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

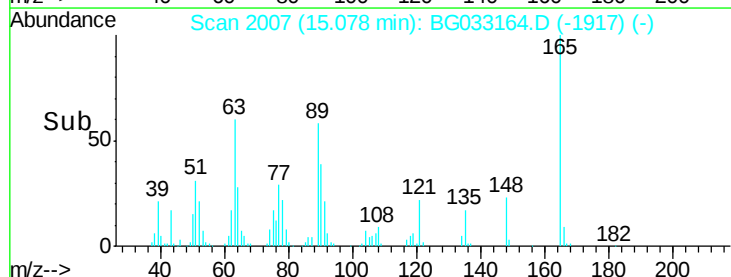
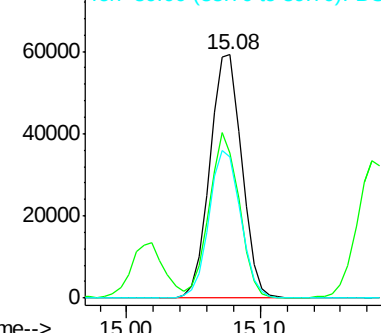
Lab File: BG033164.D

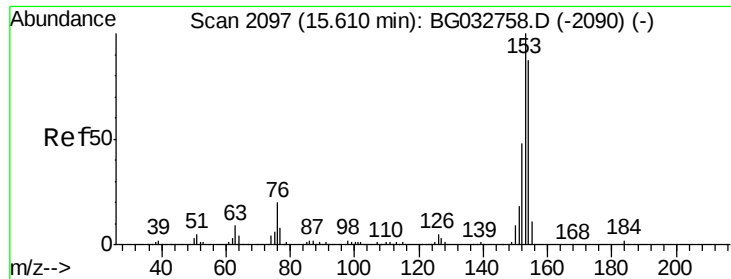
Acq: 15 Mar 2018 3:53

Tgt Ion:	165	Resp:	97706
Ion Ratio	Lower	Upper	
165	100		
63	59.8	52.7	79.1
89	58.0	49.2	73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.645 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

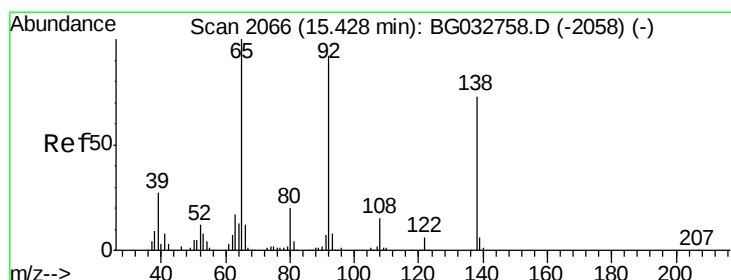
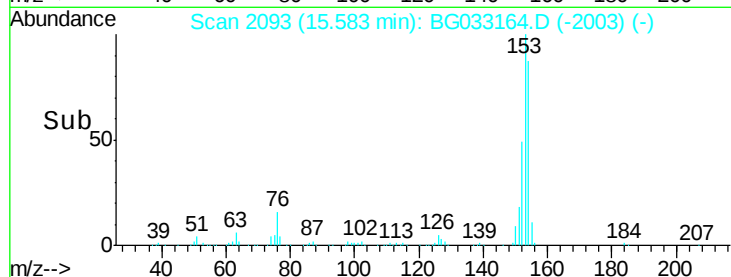
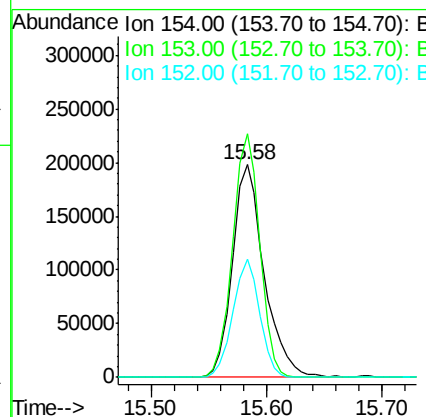
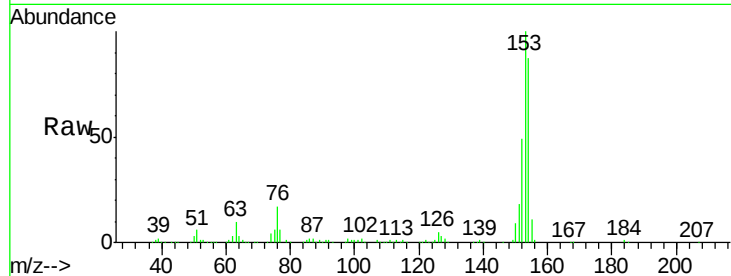
ClientSampleId :

BU-02-031318MSD

Tot Ion:	154	Resp:	377656
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.4	135.6
152	55.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 25.867 ng

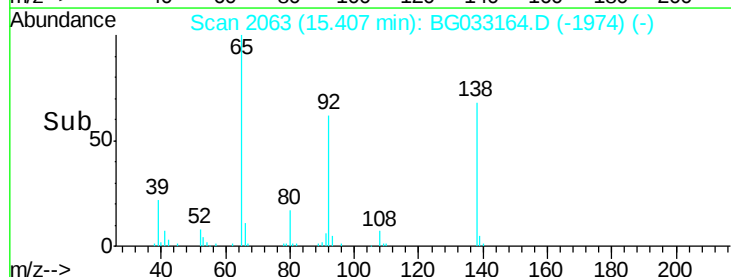
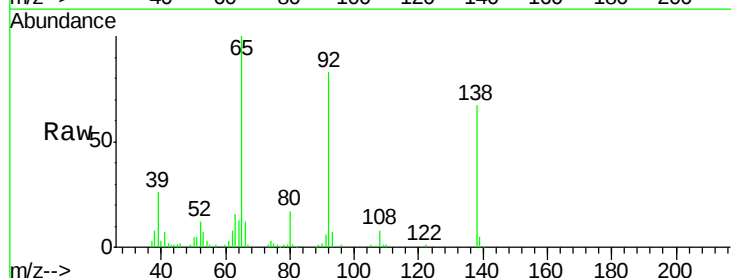
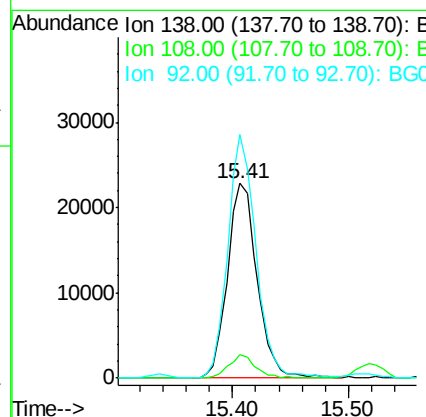
RT: 15.41 min Scan# 2063

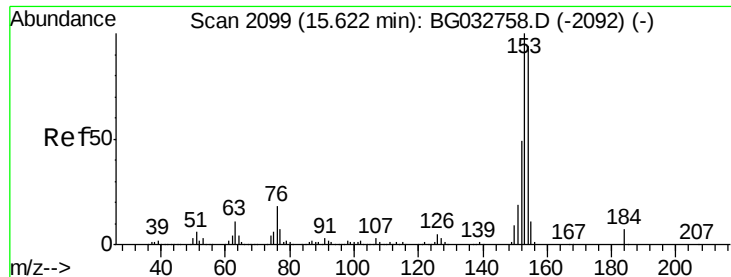
Delta R.T. -0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion:	138	Resp:	40740
Ion Ratio	Lower	Upper	
138	100		
108	12.2	17.5	26.3#
92	125.0	105.8	158.8





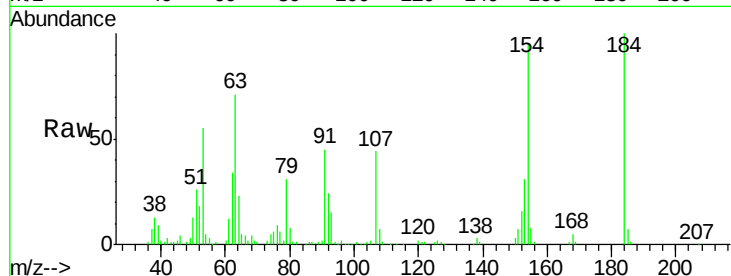
#53
2,4-Dinitrophenol
Concen: 141.234 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

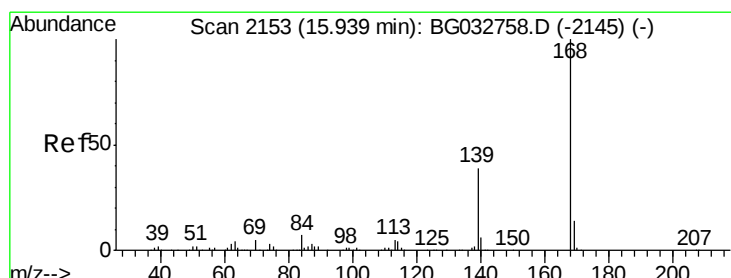
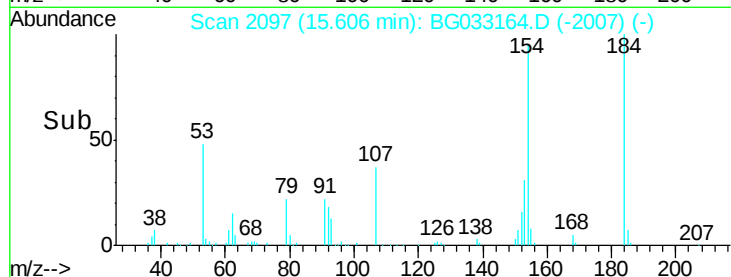
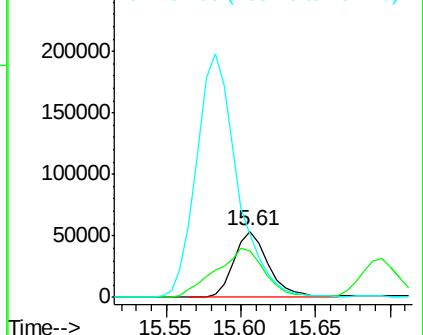
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.1	59.8	89.8
154	95.1	101.8	152.8#

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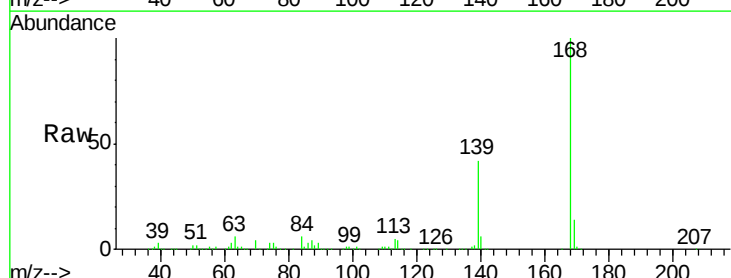


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

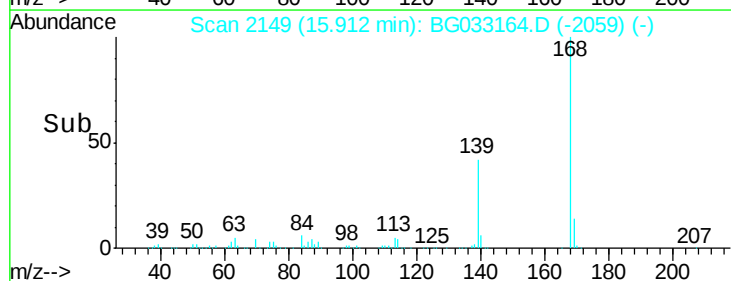
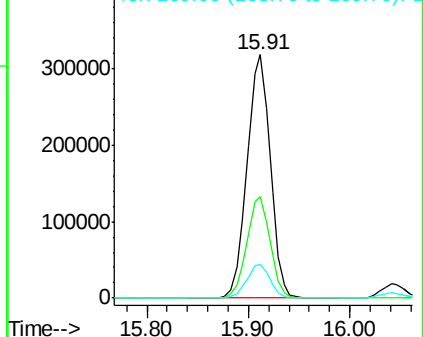


#54
Dibenzofuran
Concen: 49.430 ng
RT: 15.91 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	28.6	43.0
169	13.6	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





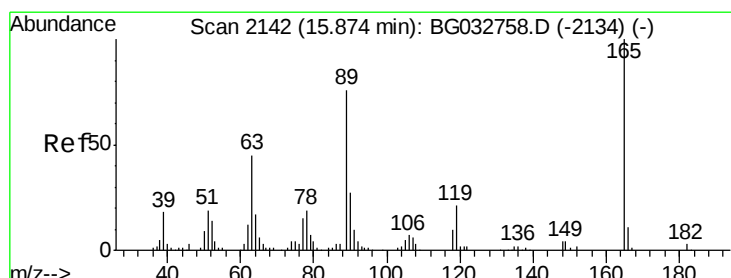
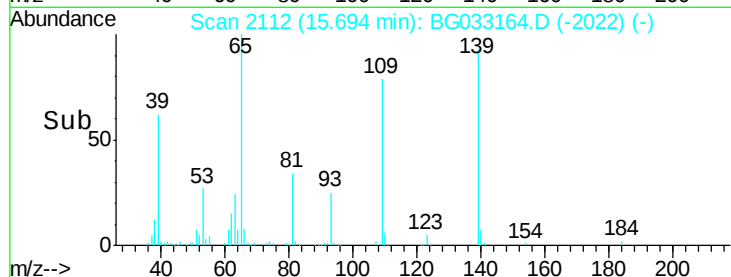
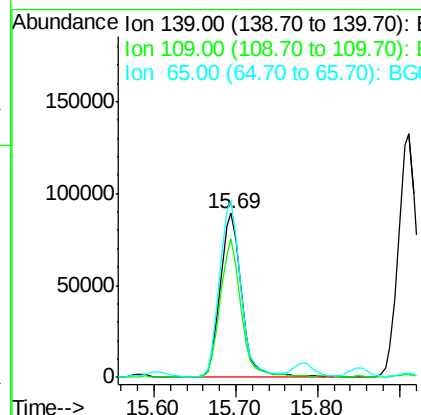
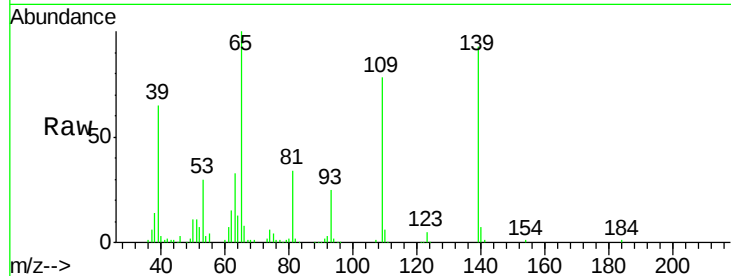
#55
4-Nitrophenol
Concen: 106.791 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	163940		
109	84.6	62.2	102.2	
65	108.1	97.2	137.2	

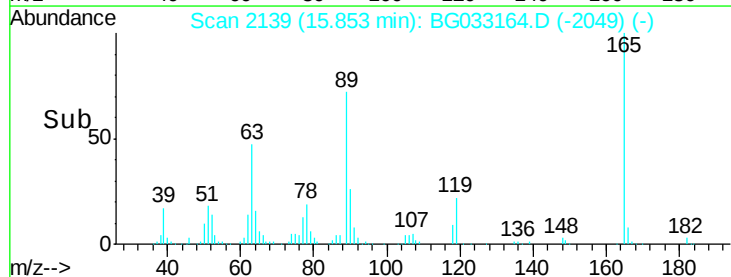
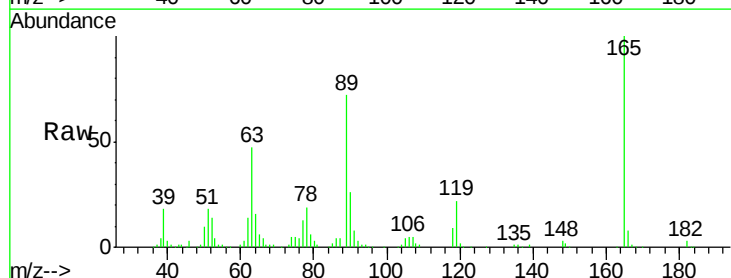
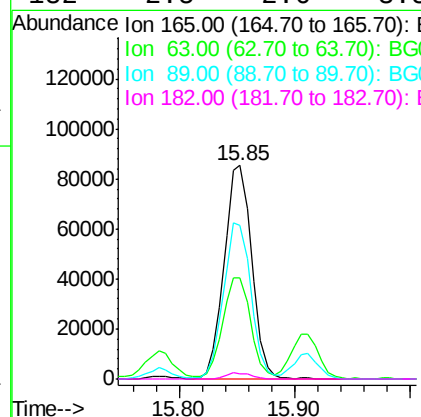
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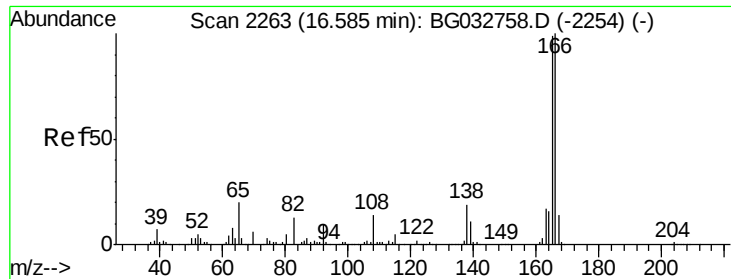
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#56
2,4-Dinitrotoluene
Concen: 70.599 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141564		
63	47.4	42.0	63.0	
89	72.2	66.9	100.3	
182	2.5	2.6	3.8#	





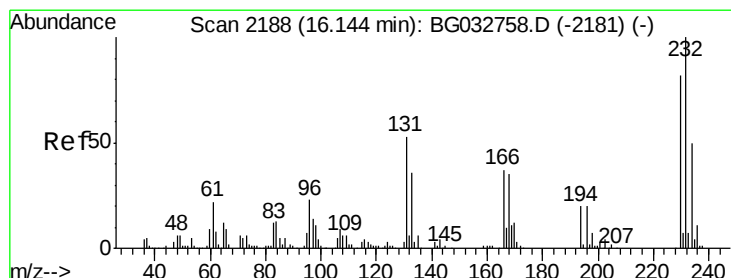
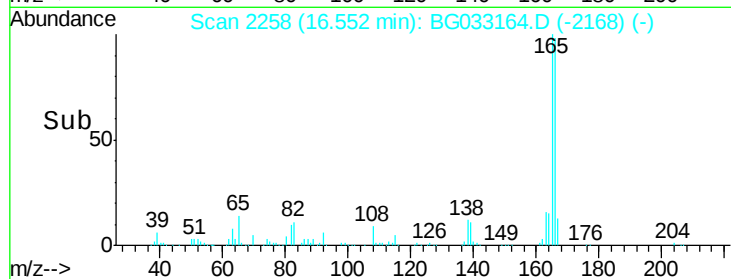
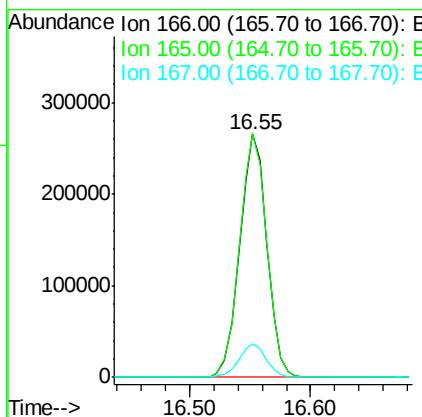
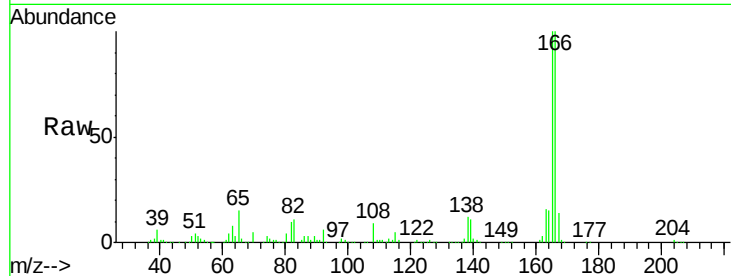
#57
 Fluorene
 Concen: 49.217 ng
 RT: 16.55 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.6	121.0
167	13.9	10.4	15.6

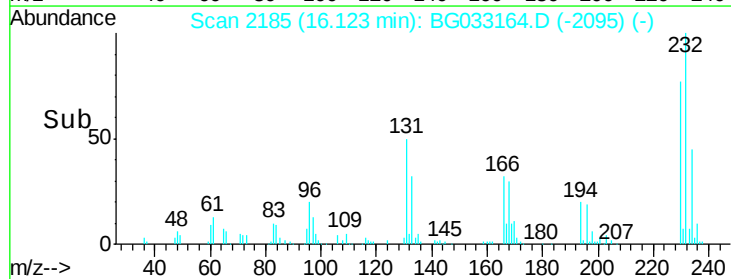
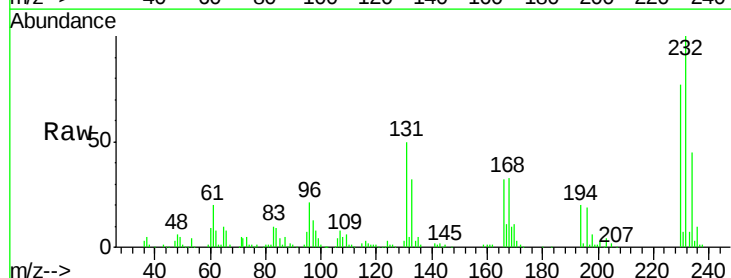
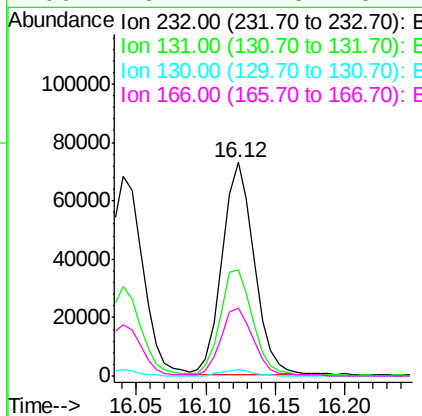
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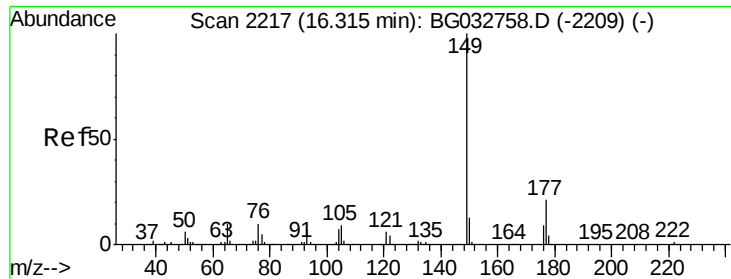
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 65.072 ng m
 RT: 16.12 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.5	50.3
130	2.6	2.2	3.2
166	25.1	24.8	37.2





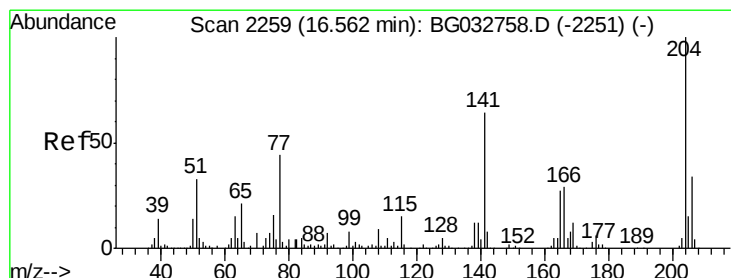
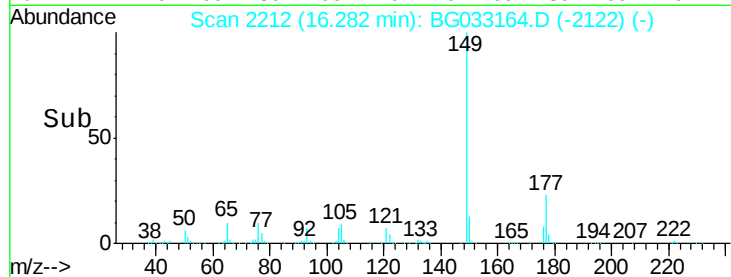
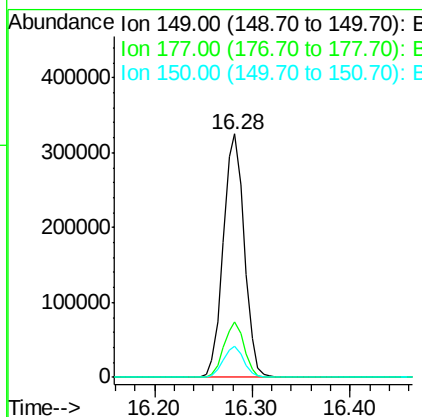
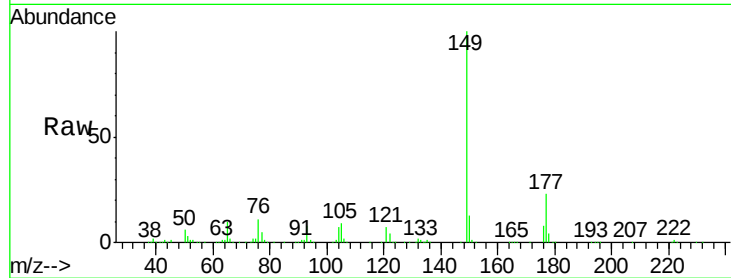
#59
Diethylphthalate
Concen: 49.994 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.5	27.7
150	12.9	10.2	15.2

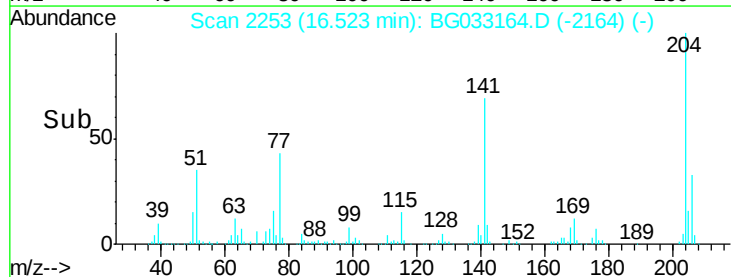
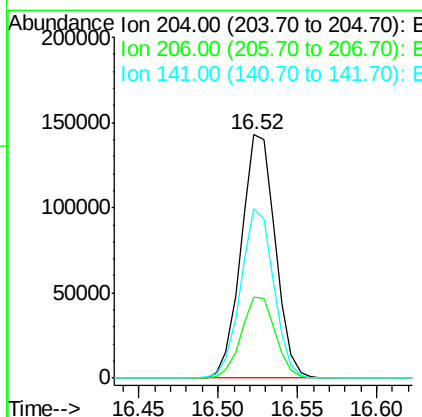
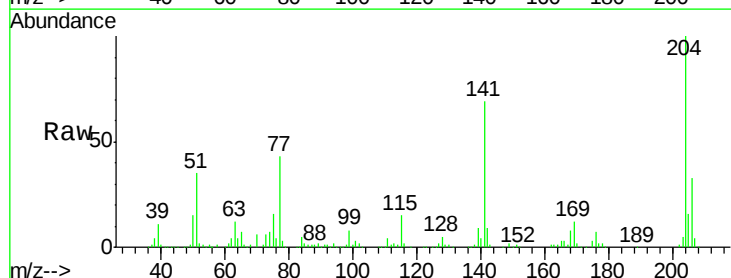
Manual Integrations
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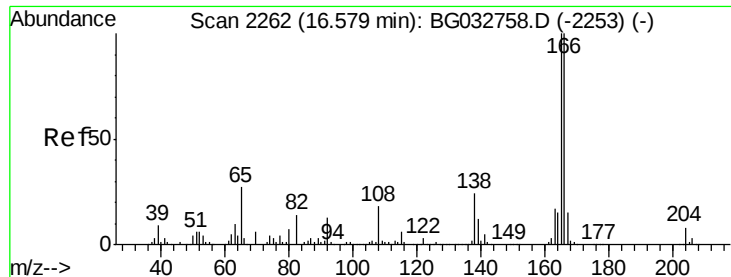
Sohil
3/15/2018 7:00:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.551 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	69.4	45.8	68.6#





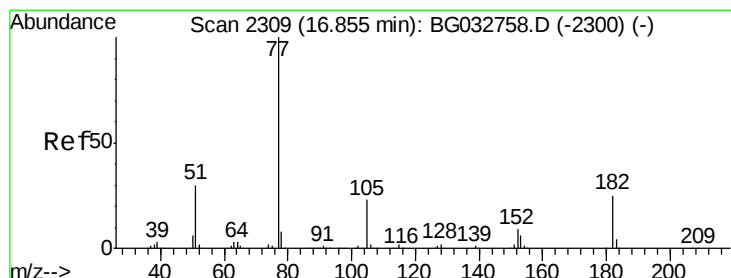
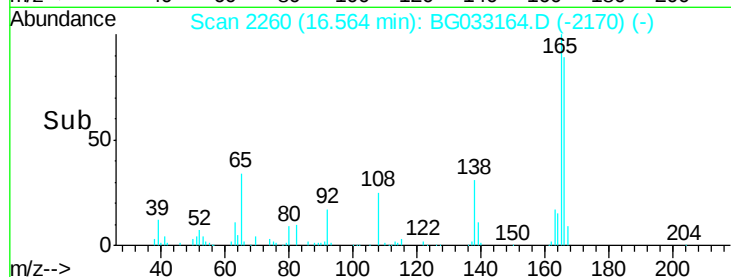
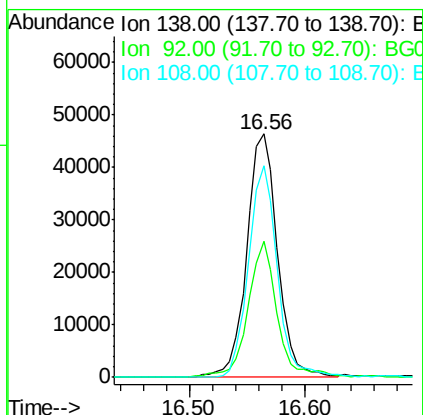
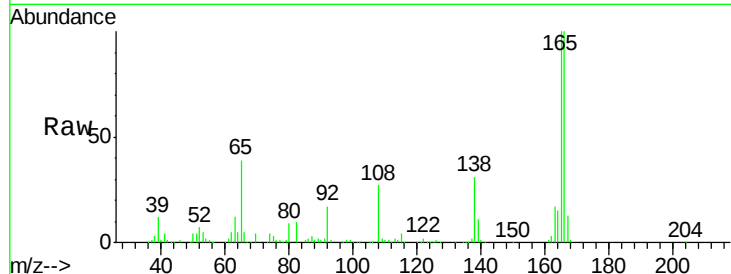
#61
4-Nitroaniline
Concen: 44.045 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	40.1	80.1
108	86.8	65.4	105.4

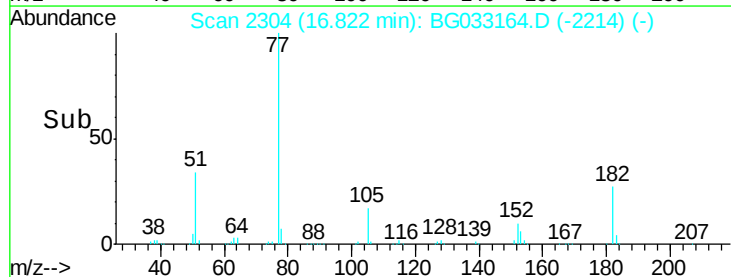
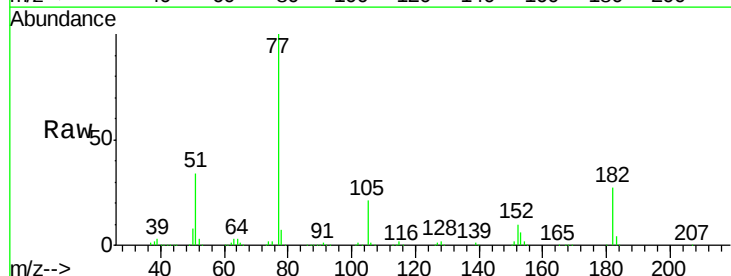
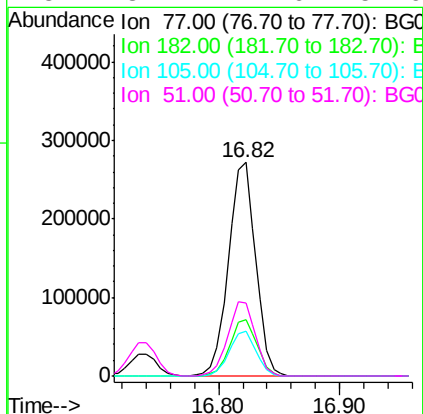
Manual Integrations
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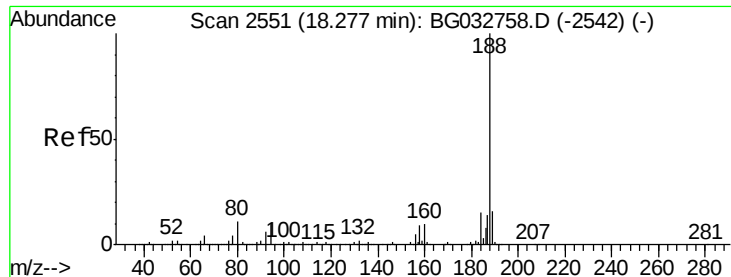
Sohil
3/15/2018 7:00:18 PM



#62
Azobenzene
Concen: 49.070 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.4	47.4
105	21.2	0.3	40.3
51	34.1	11.6	51.6





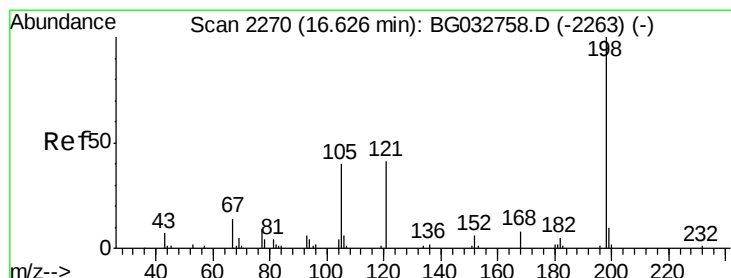
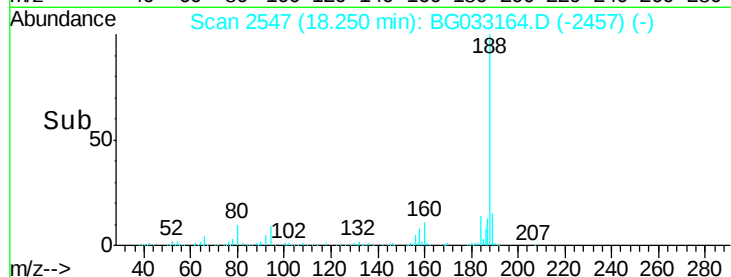
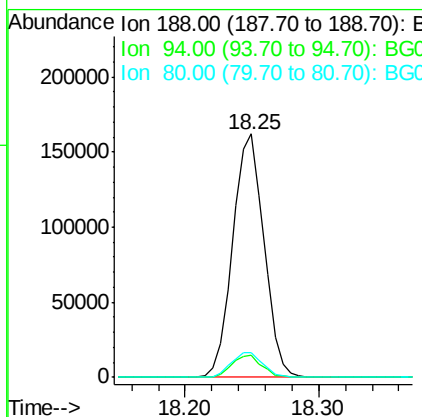
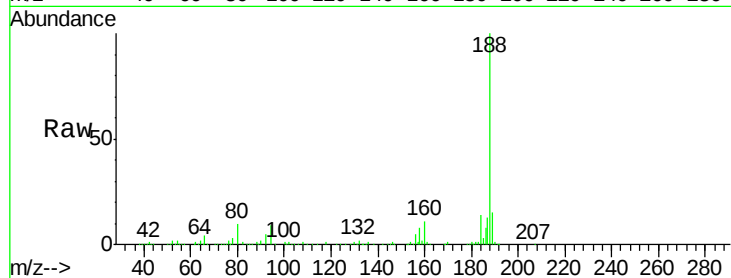
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	263070		
94	9.0		6.9	10.3
80	10.0		7.7	11.5

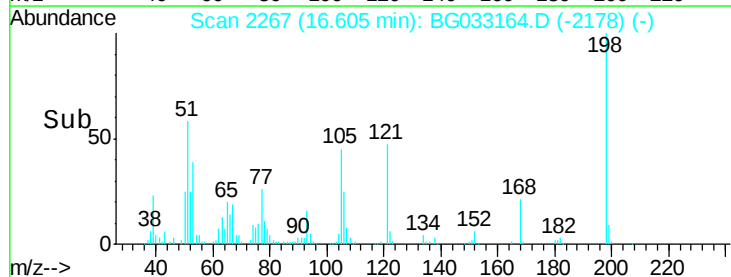
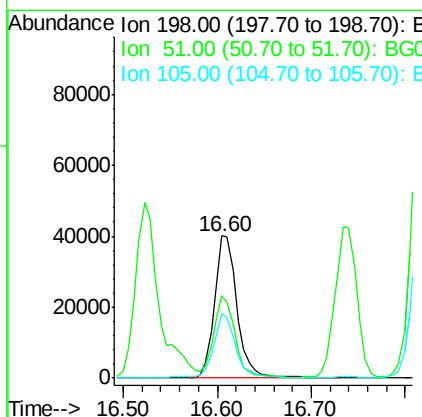
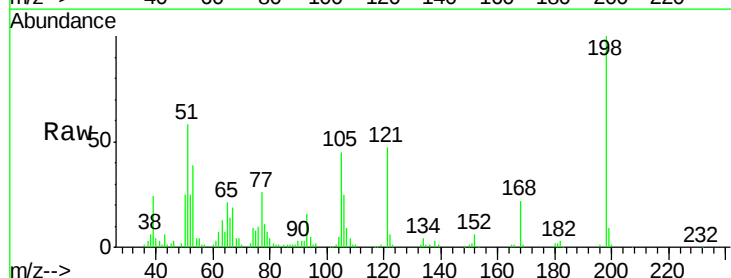
Manual Integrations
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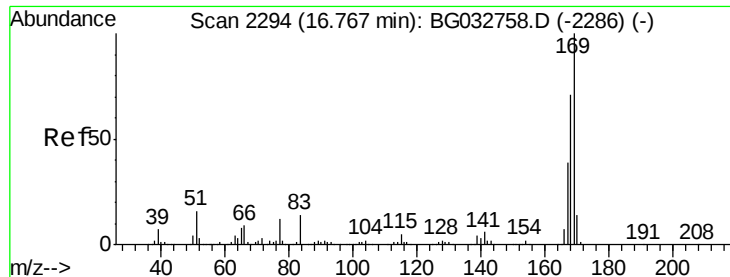
Sohil
3/15/2018 7:00:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 73.113 ng
RT: 16.60 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	67665		
51	57.9		30.6	70.6
105	45.1		23.8	63.8





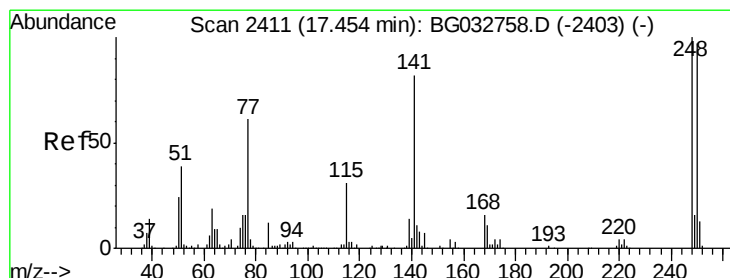
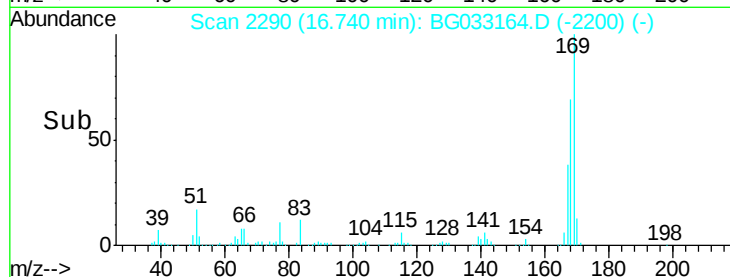
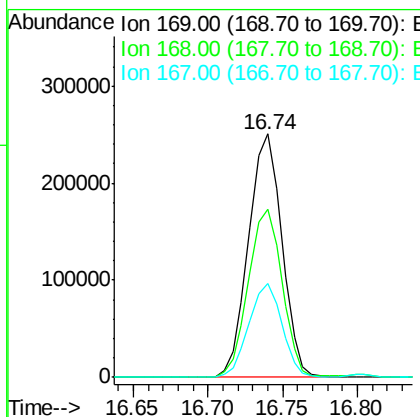
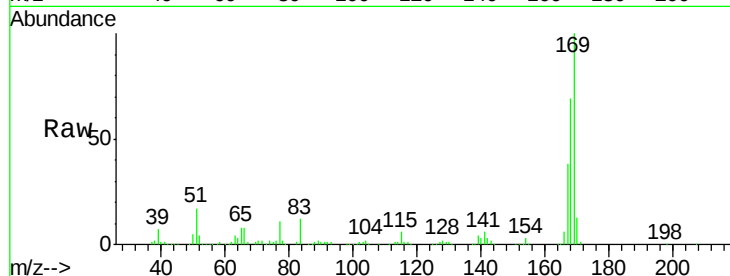
#65
n-Nitrosodiphenylamine
Concen: 45.349 ng
RT: 16.74 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	388101		
168	69.0		55.7	83.5
167	38.4		30.1	45.1

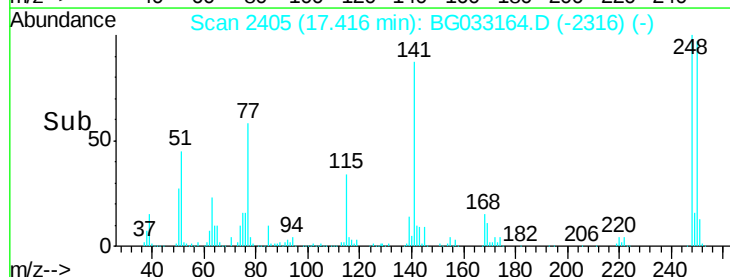
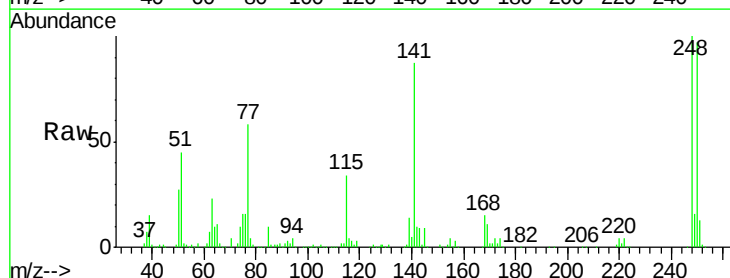
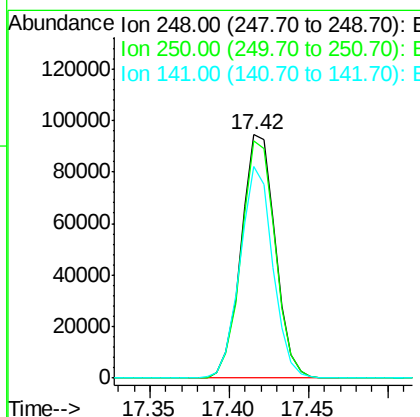
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 50.649 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140890		
250	97.4		77.1	115.7
141	86.8		50.8	76.2





#67

Hexachlorobenzene

Concen: 50.569 ng

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

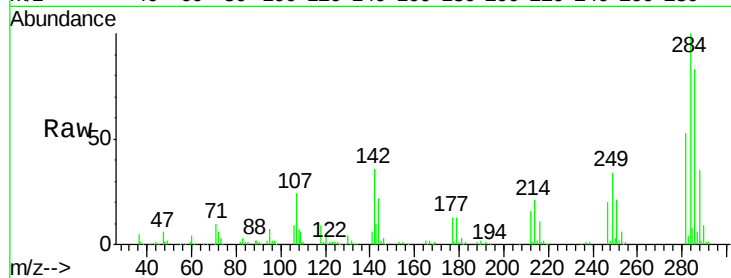
ClientSampleId :

BU-02-031318MSD

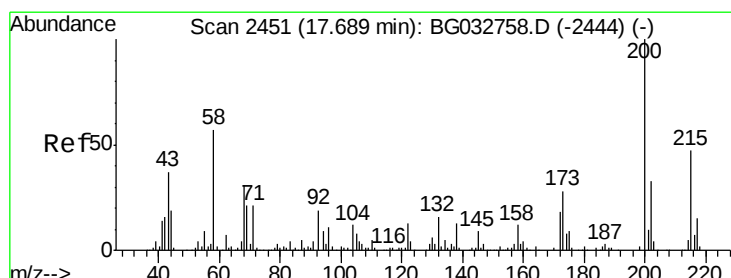
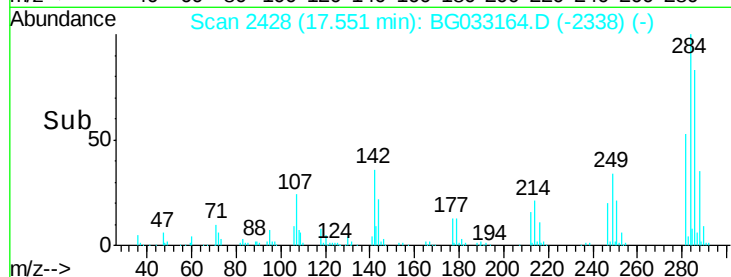
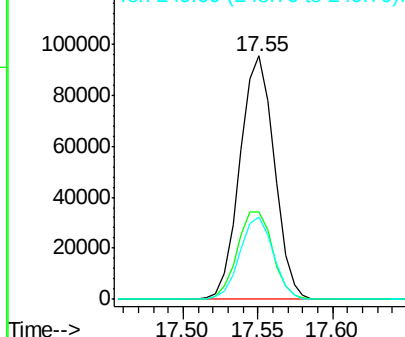
Tot Ion:	284	Resp:	152014
Ion Ratio	Lower	Upper	
284	100		
142	35.8	26.8	40.2
249	33.7	26.3	39.5

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



#68

Atrazine

Concen: 49.914 ng

RT: 17.66 min Scan# 2447

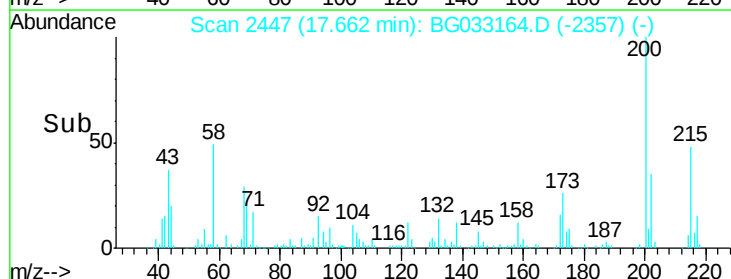
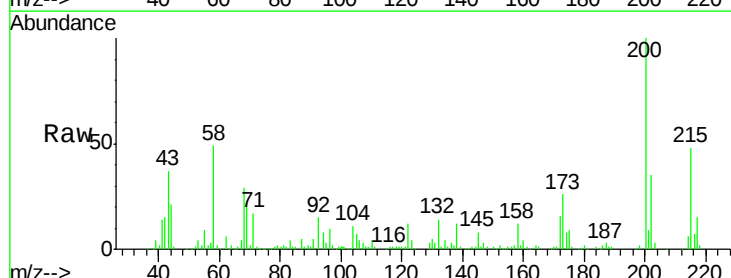
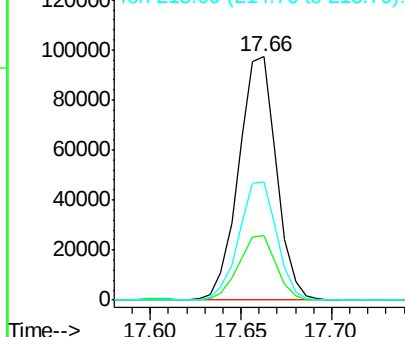
Delta R.T. 0.00 min

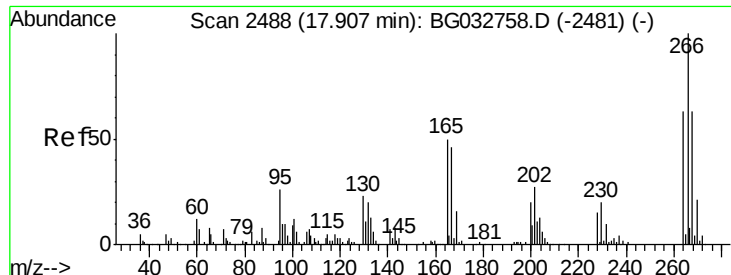
Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion:	200	Resp:	140608
Ion Ratio	Lower	Upper	
200	100		
173	26.3	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





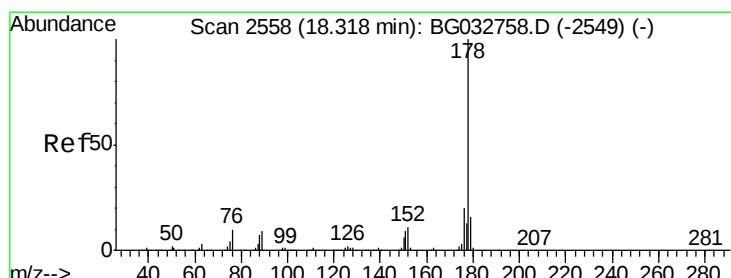
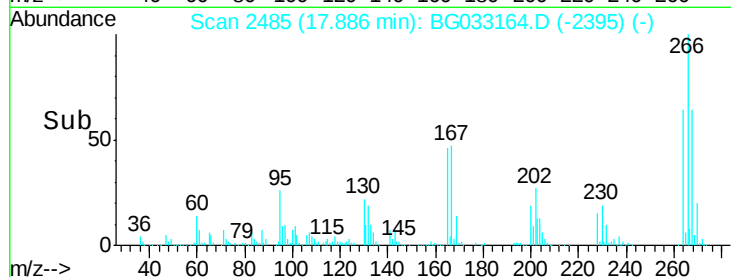
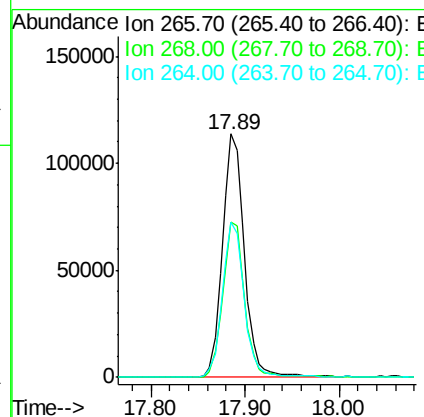
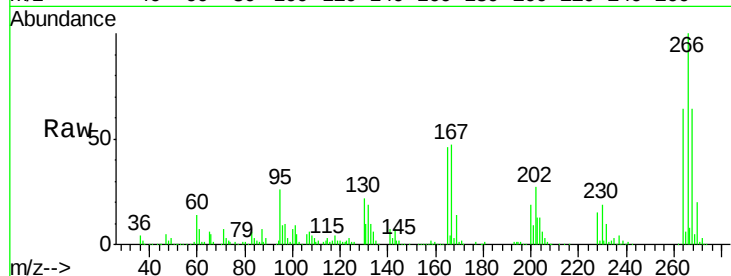
#69
 Pentachlorophenol
 Concen: 98.151 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.5	49.6	74.4

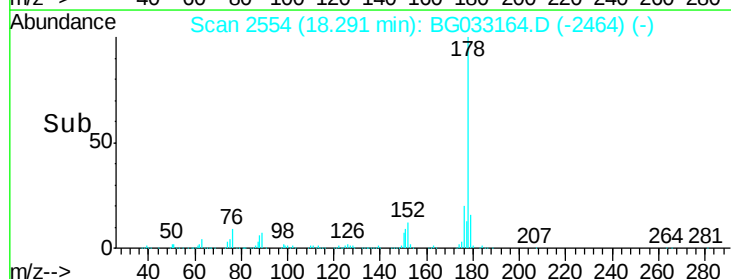
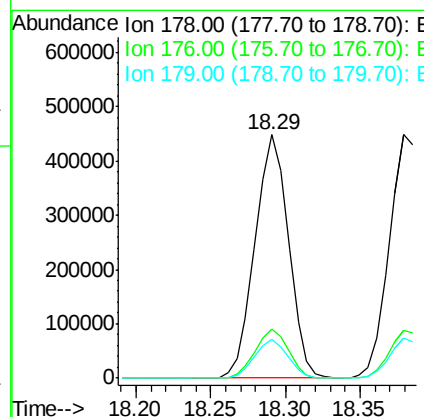
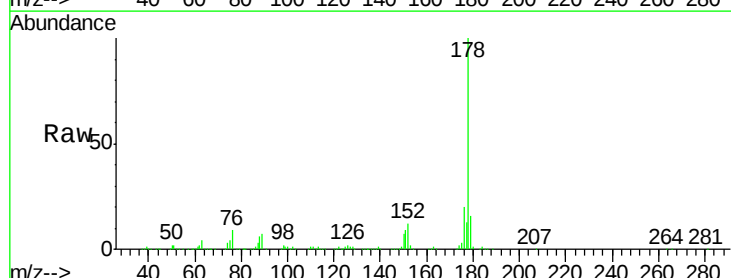
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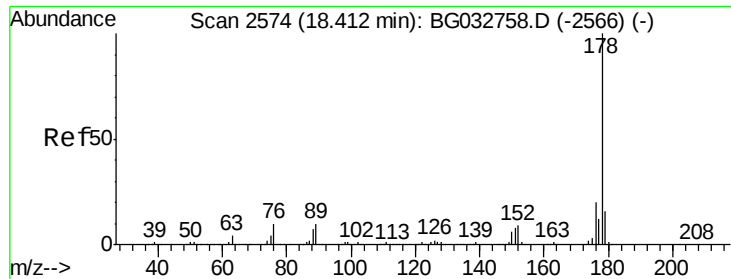
Sohil
 3/15/2018 7:00:18 PM



#70
 Phenanthrene
 Concen: 47.421 ng
 RT: 18.29 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.1	12.5	18.7





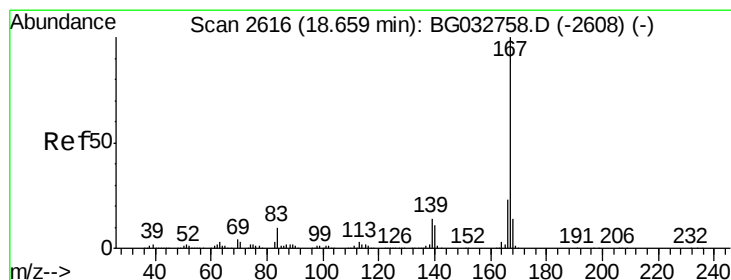
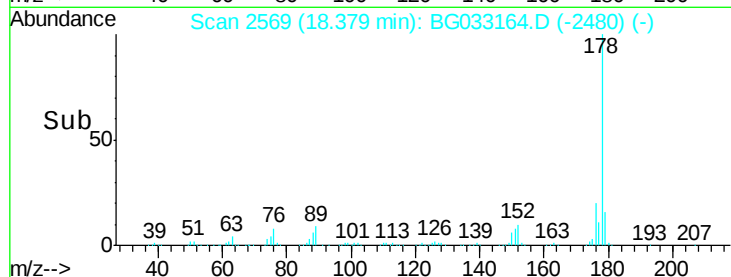
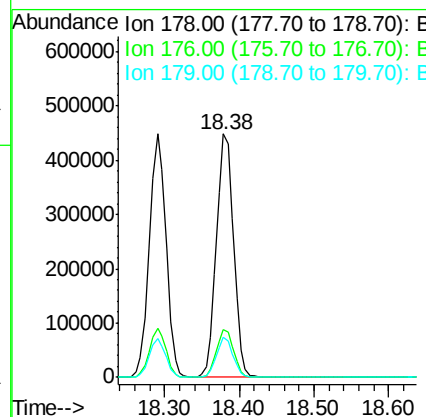
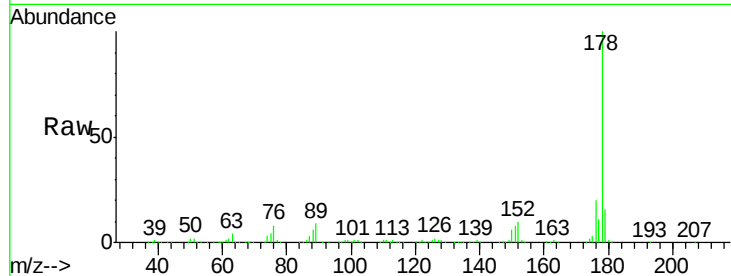
#71
 Anthracene
 Concen: 48.431 ng
 RT: 18.38 min Scan# 2569
 Delta R.T. -0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.9	16.0	24.0	
179	16.5	12.5	18.7	

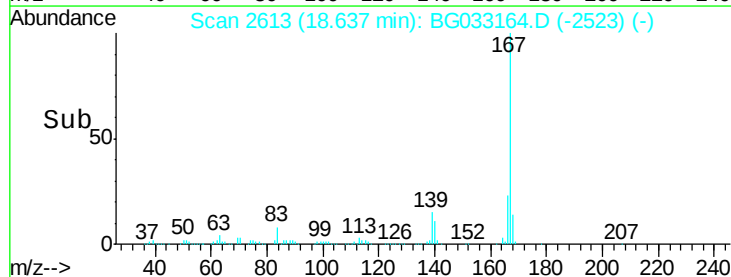
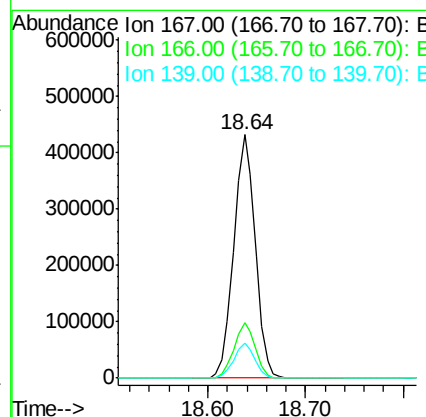
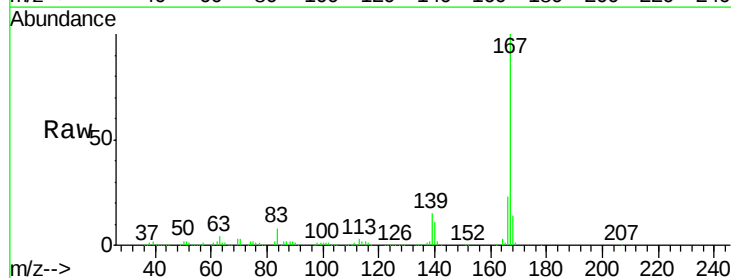
Manual Integrations
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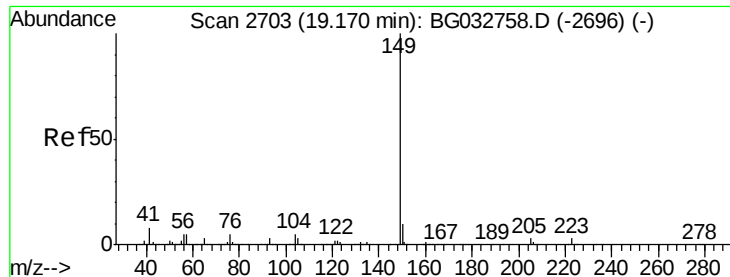
Sohil
 3/15/2018 7:00:18 PM



#72
 Carbazole
 Concen: 45.400 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.7	18.2	27.4	
139	14.6	9.4	14.2	





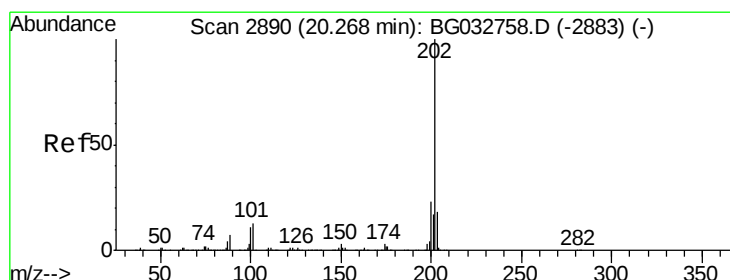
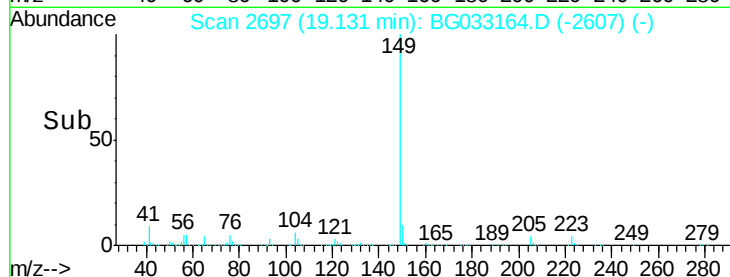
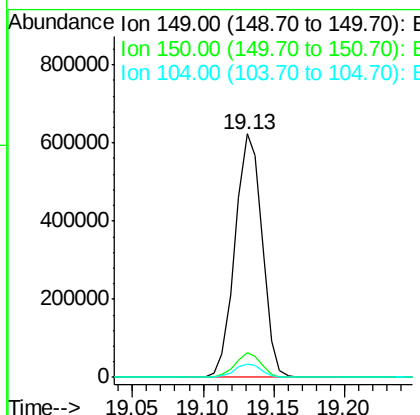
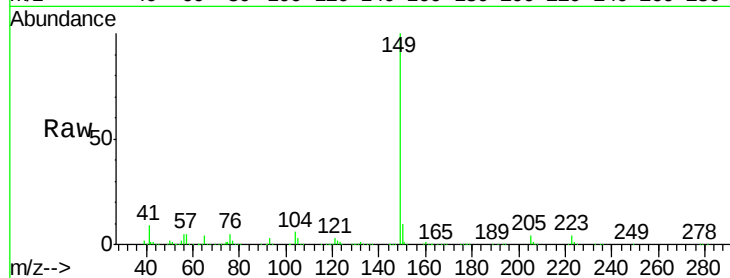
#73
Di-n-butylphthalate
Concen: 46.607 ng
RT: 19.13 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	5.6	3.9	5.9	

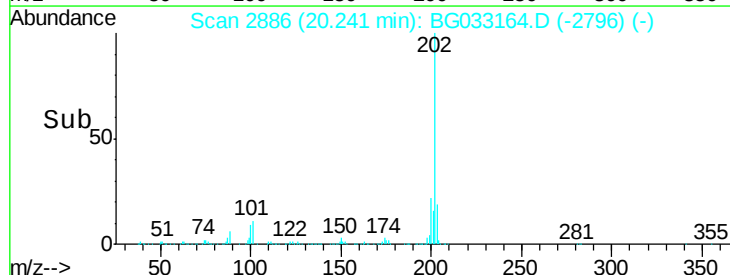
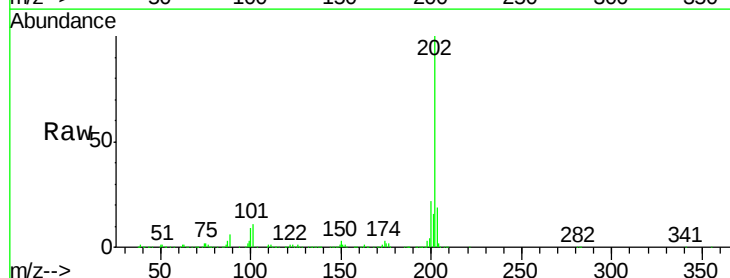
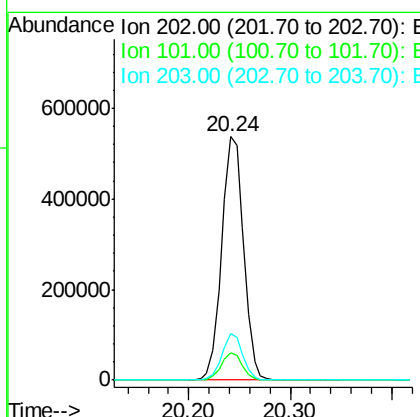
Manual Integrations
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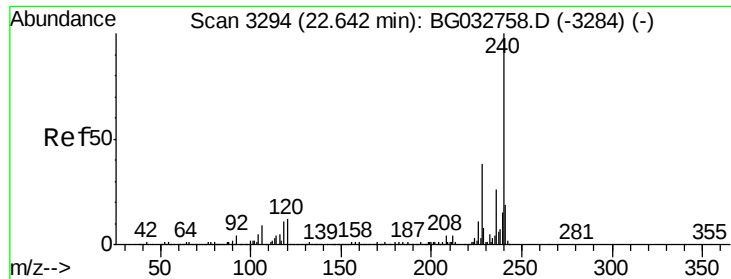
Sohil
3/15/2018 7:00:18 PM



#74
Fluoranthene
Concen: 49.393 ng
RT: 20.24 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.1	0.0	28.9	
203	19.0	0.0	37.5	





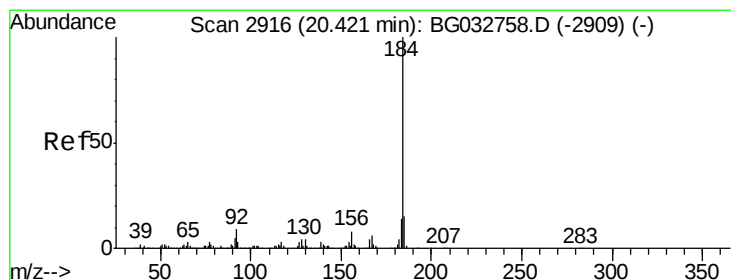
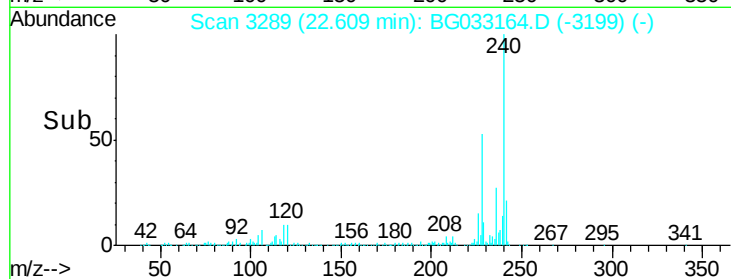
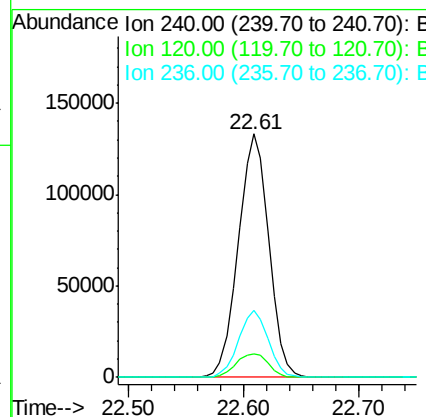
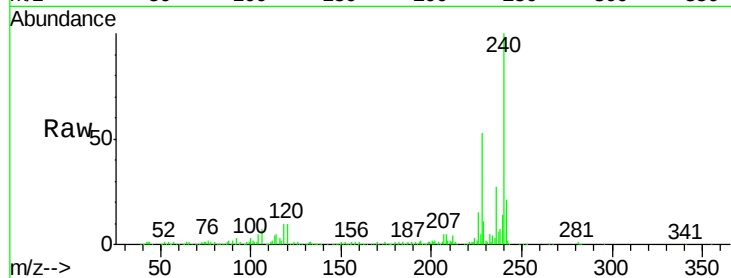
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	27.5	20.9	31.3

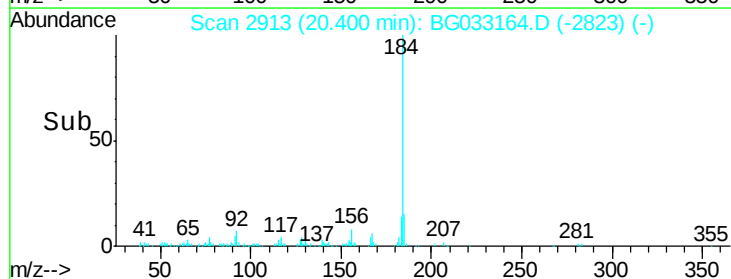
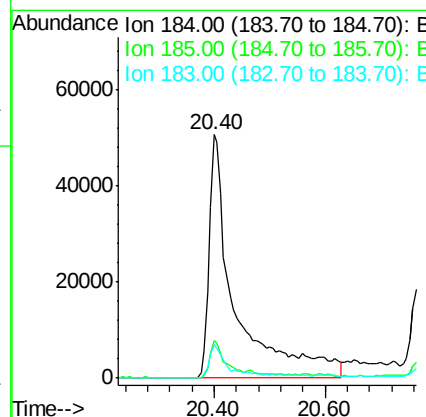
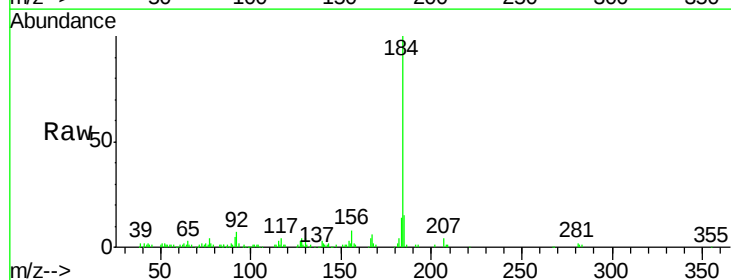
Manual Integrations
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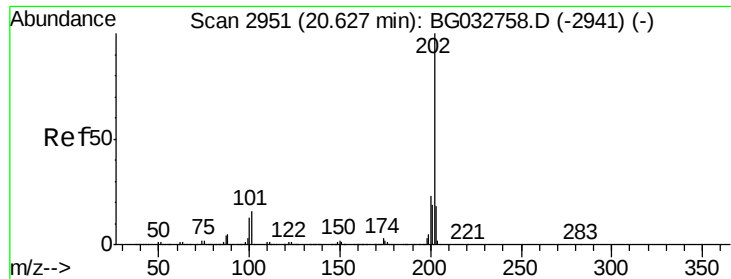
Sohil
 3/15/2018 7:00:18 PM



#76
 Benzidine
 Concen: 20.035 ng m
 RT: 20.40 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	14.0	10.6	16.0





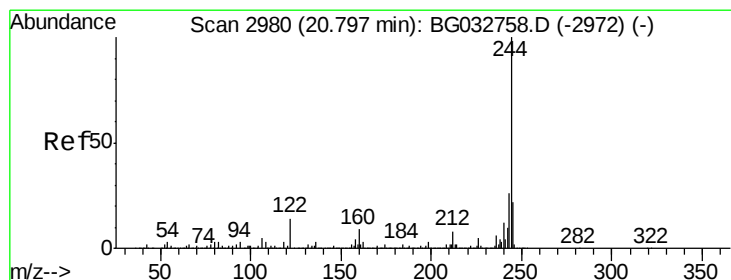
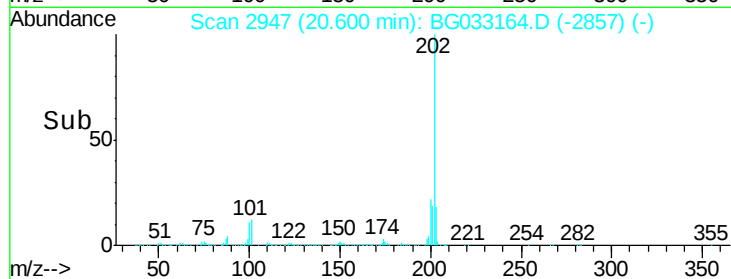
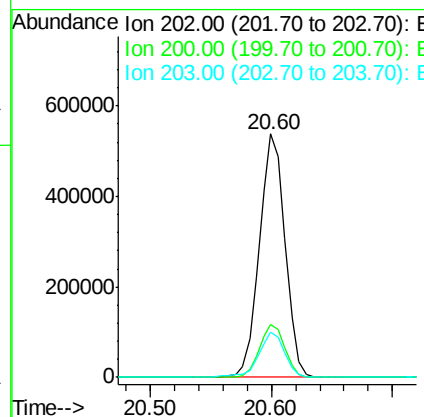
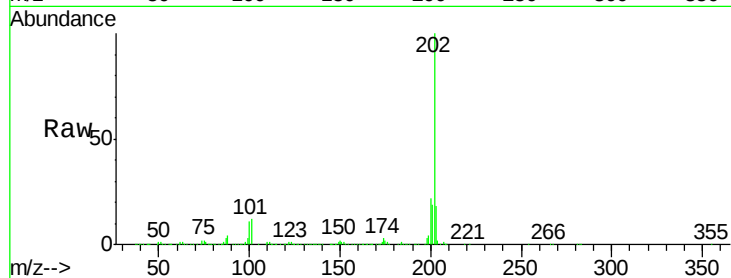
#77
Pvrene
Concen: 46.772 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.3	13.9	20.9

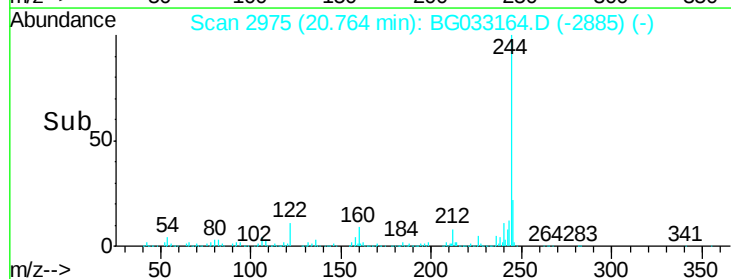
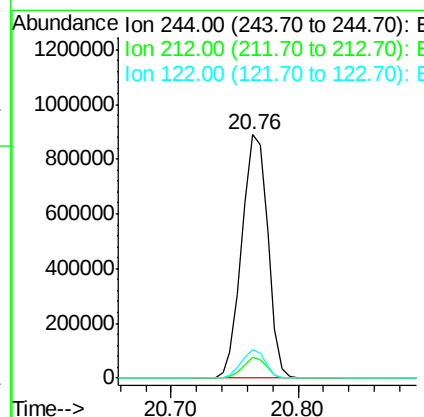
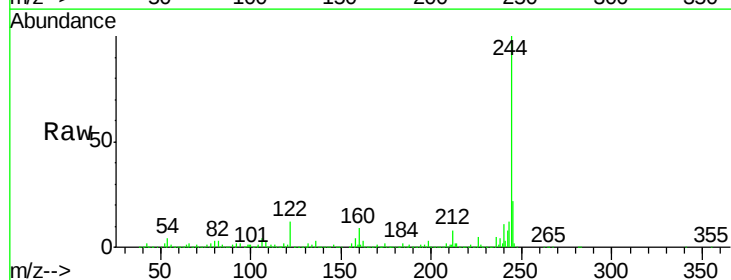
Manual Integrations
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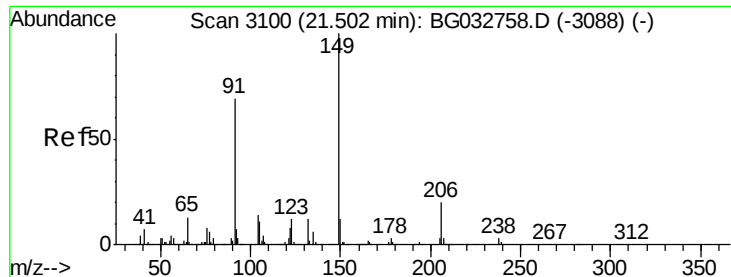
Sohil
3/15/2018 7:00:18 PM



#78
Terphenyl-d14
Concen: 116.278 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	5.8	8.8
122	11.6	7.0	10.4





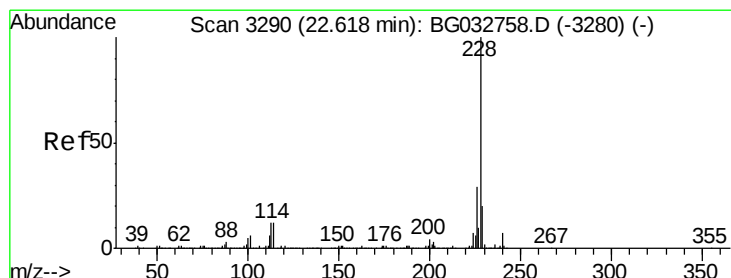
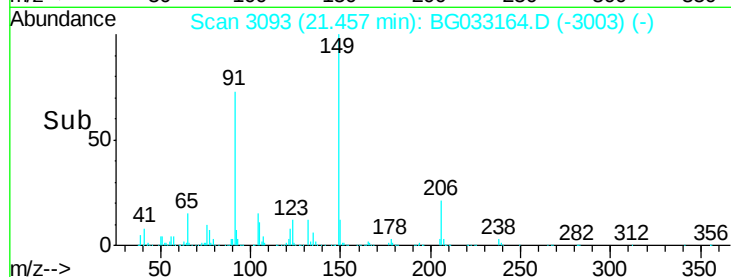
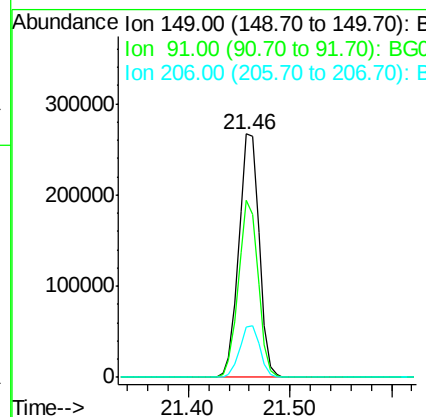
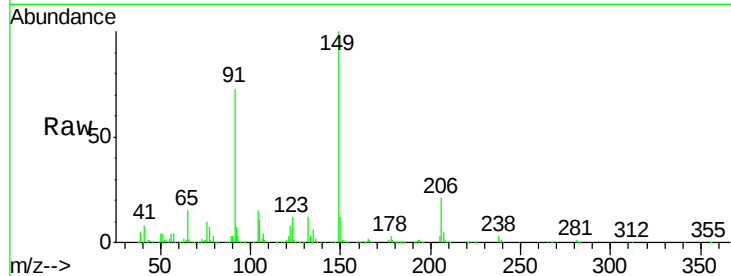
#79
Butylbenzylphthalate
Concen: 48.946 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.9	62.2	93.2
206	20.6	18.6	27.8

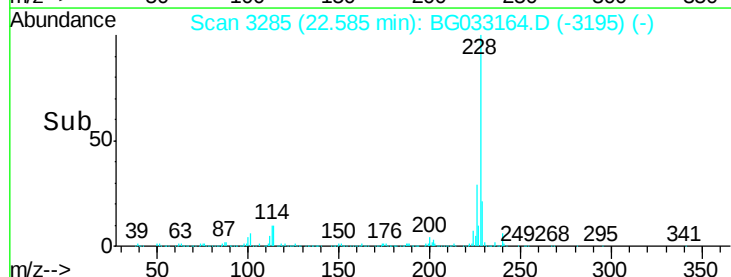
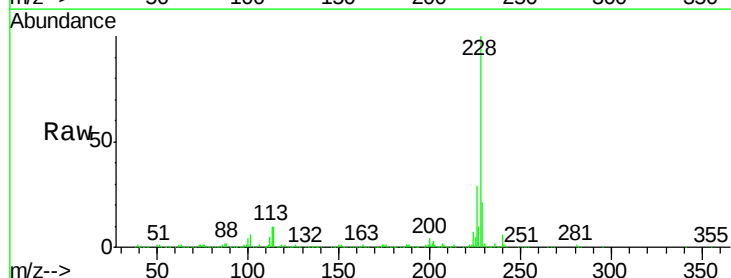
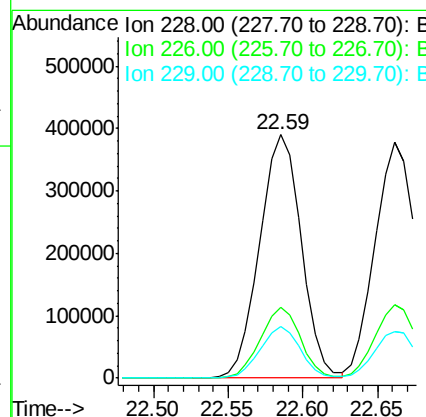
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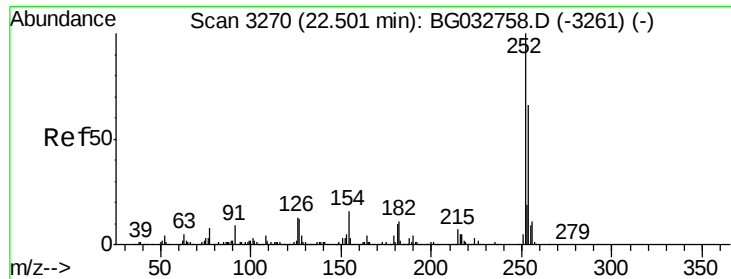
Sohil
3/15/2018 7:00:18 PM



#80
Benzo(a)anthracene
Concen: 48.536 ng
RT: 22.59 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.2	16.2	24.2





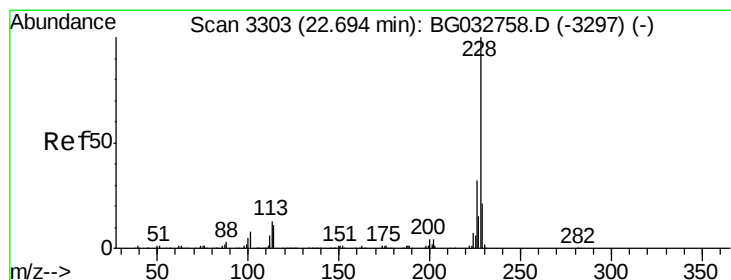
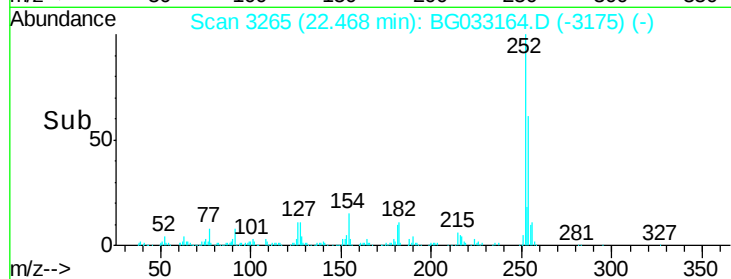
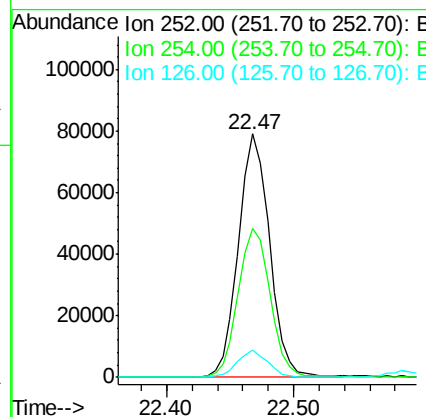
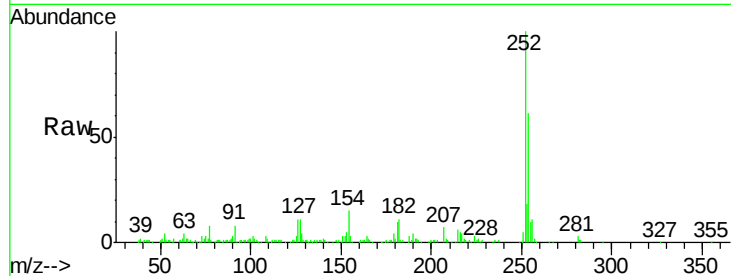
#81
 3,3'-Dichlorobenzidine
 Concen: 23.385 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.4	50.8	76.2
126	11.2	7.4	11.2#

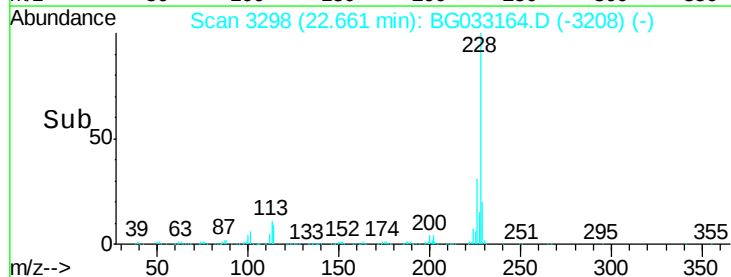
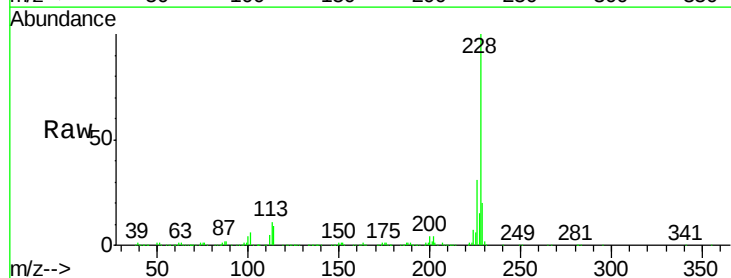
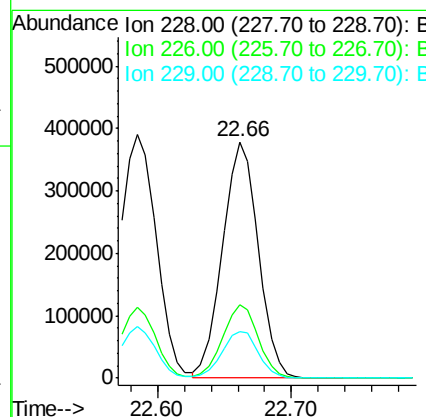
Manual Integrations
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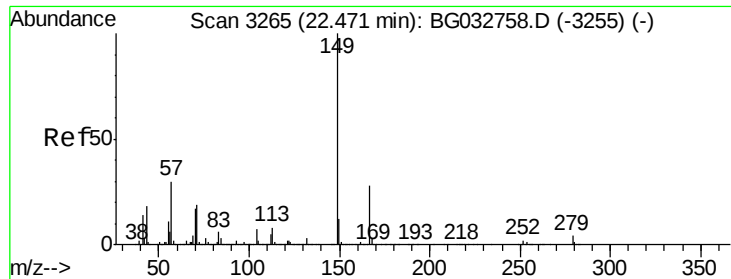
Sohil
 3/15/2018 7:00:18 PM



#82
 Chrysene
 Concen: 47.624 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.0	15.0	22.4





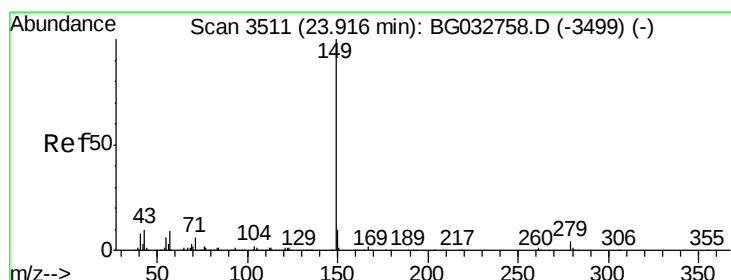
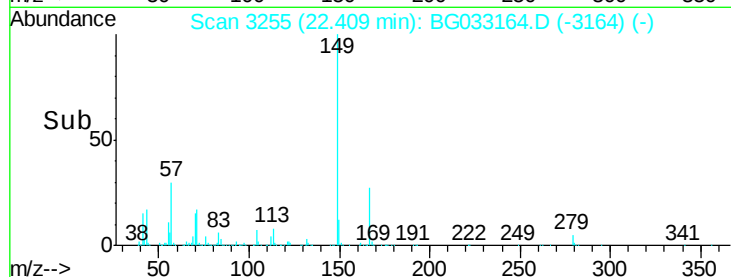
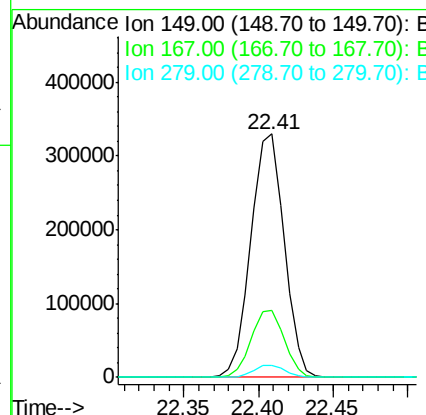
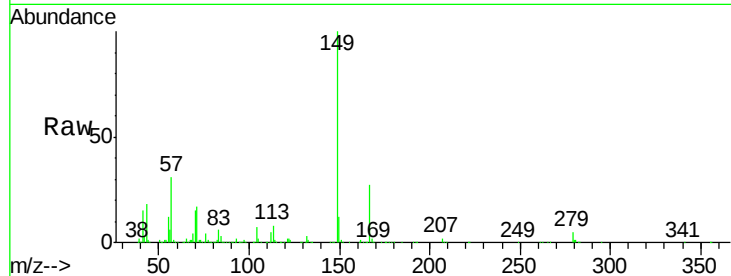
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.347 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. 0.01 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	24.3	36.5
279	4.8	4.0	6.0

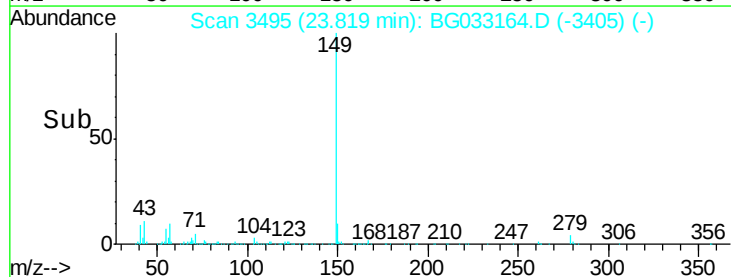
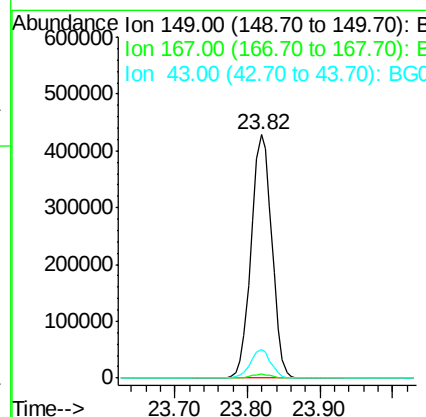
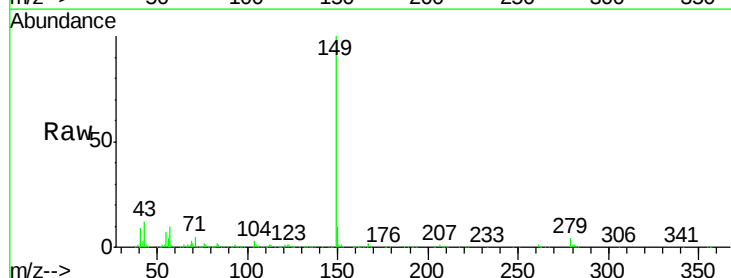
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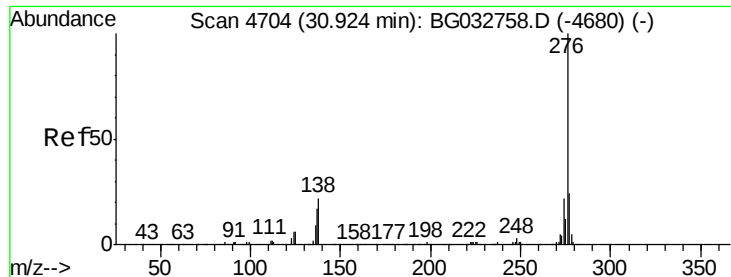
Sohil
 3/15/2018 7:00:18 PM



#84
 Di-n-octyl phthalate
 Concen: 49.543 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. 0.00 min
 Lab File: BG033164.D
 Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.3	8.9	13.3





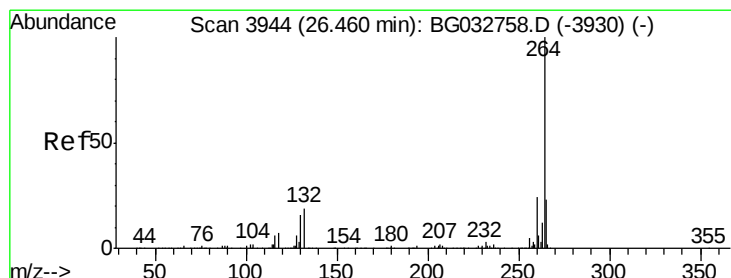
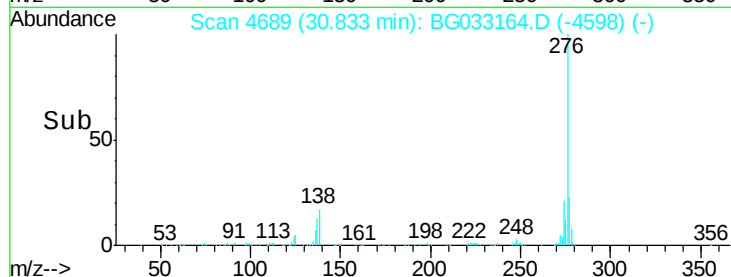
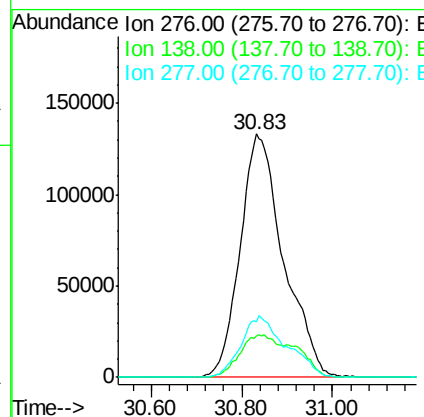
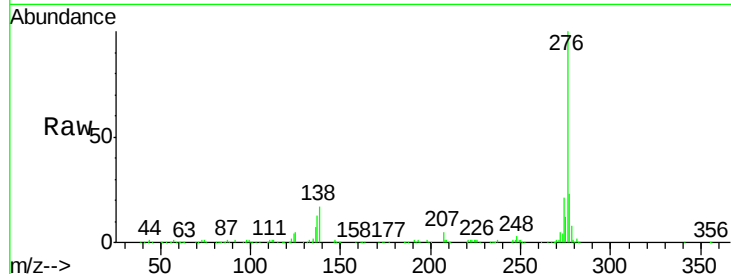
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.843 ng
RT: 30.83 min Scan# 4689
Delta R.T. 0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	16.0	24.0#
277	26.4	20.0	30.0

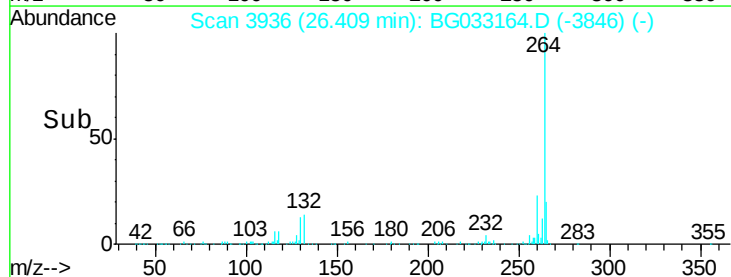
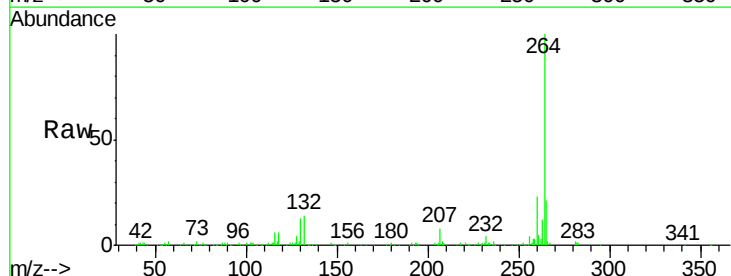
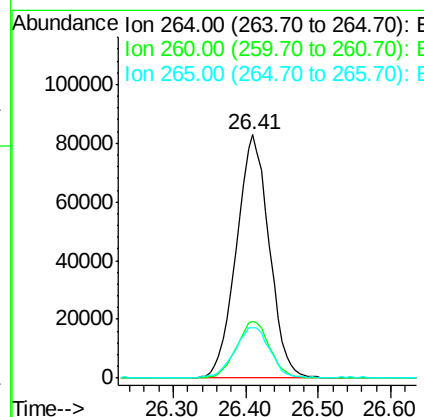
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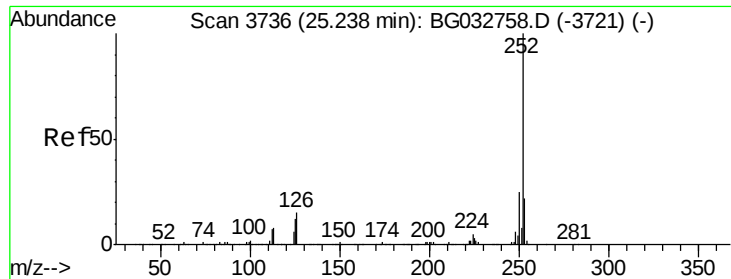
Sohil
3/15/2018 7:00:18 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 49.432 ng

RT: 25.19 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Instrument :

BNA_G

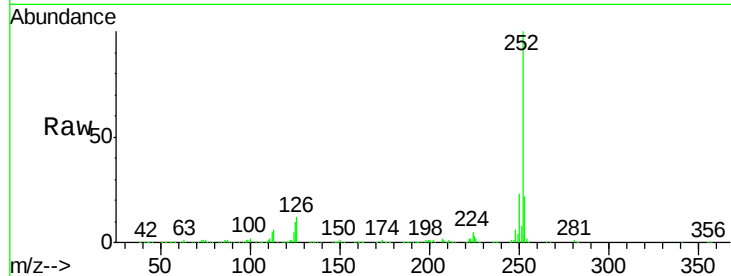
ClientSampleId :

BU-02-031318MSD

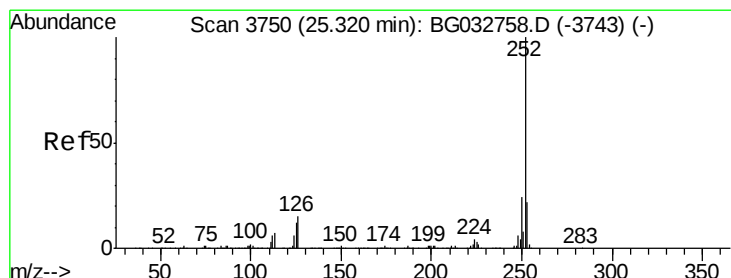
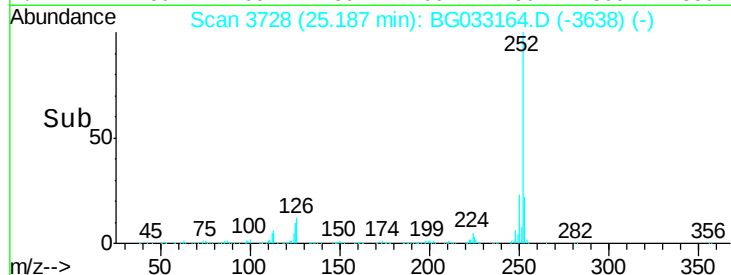
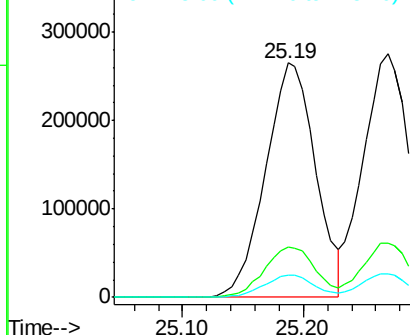
Tot Ion:	252	Resp:	759420
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.4
125	9.6	7.2	10.8

Manual Integrations
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3/15/2018 7:00:18 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: 48.305 ng

RT: 25.27 min Scan# 3742

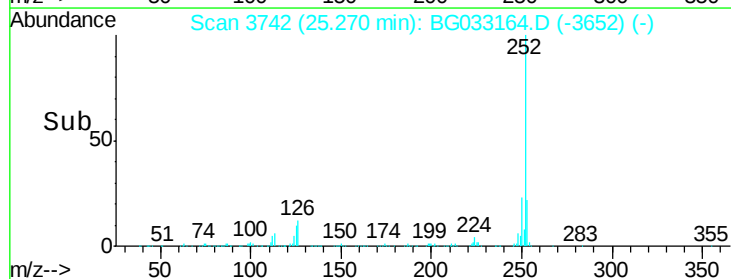
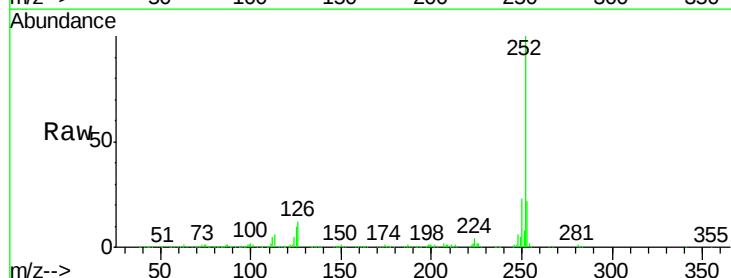
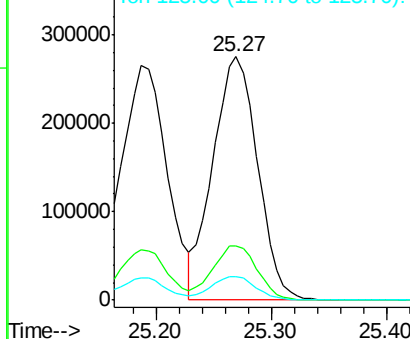
Delta R.T. 0.00 min

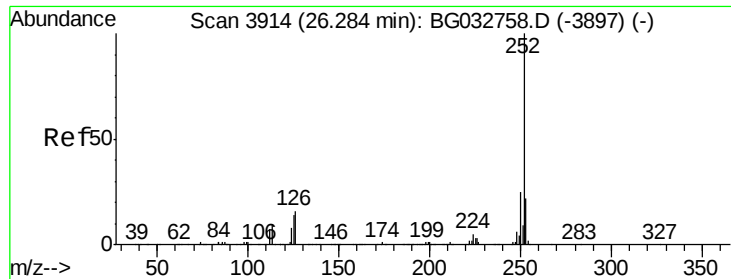
Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tgt Ion:	252	Resp:	737539
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	9.8	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





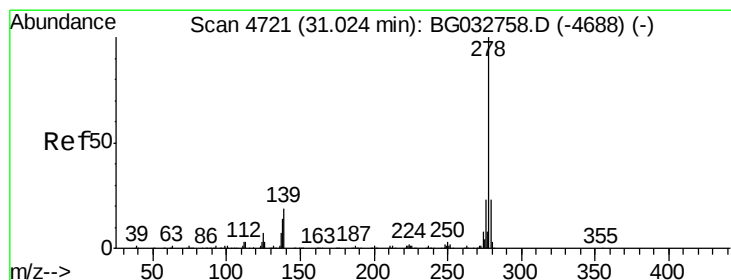
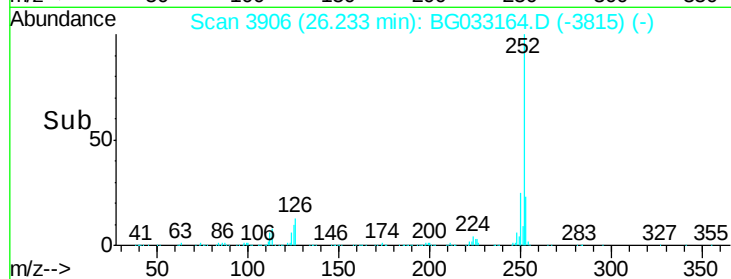
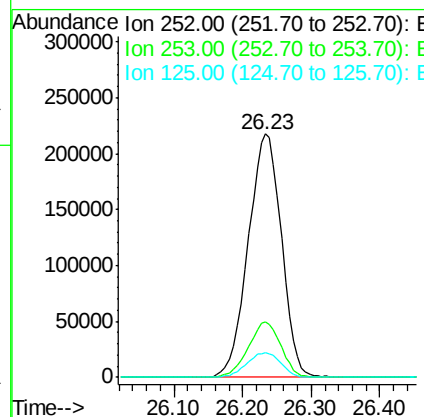
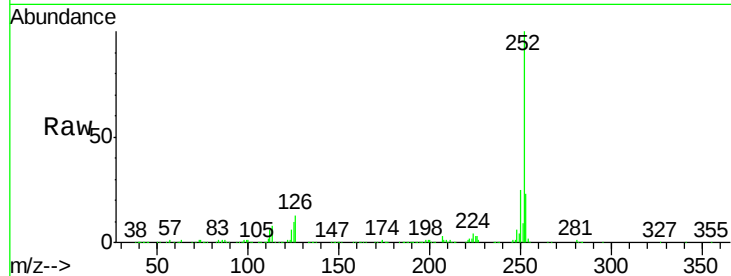
#89
Benzo(a)pyrene
Concen: 50.165 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Instrument :
BNA_G
ClientSampleId :
BU-02-031318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	10.2	7.3	10.9

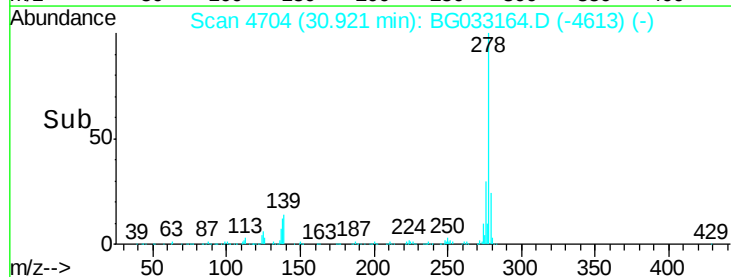
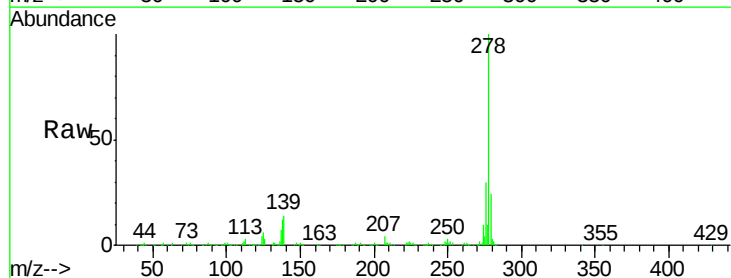
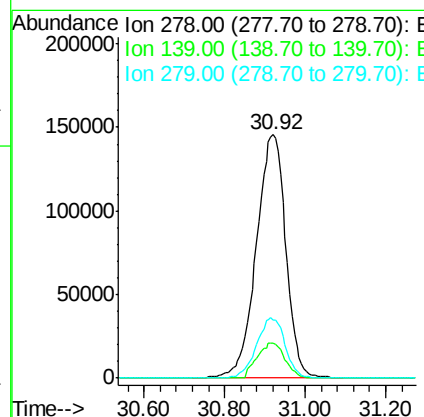
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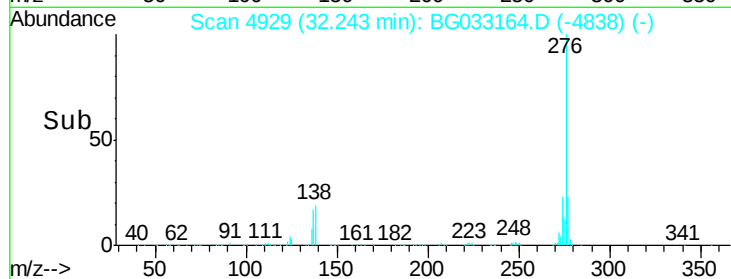
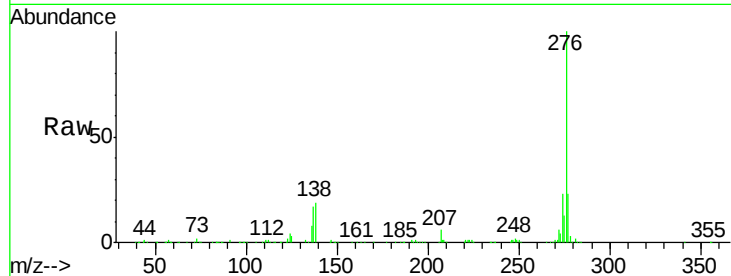
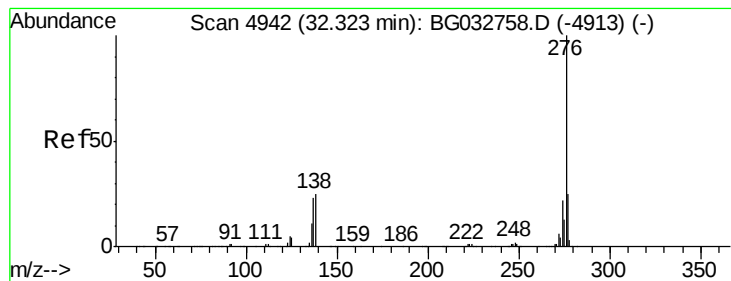
Sohil
3/15/2018 7:00:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.435 ng
RT: 30.92 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BG033164.D
Acq: 15 Mar 2018 3:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	9.8	14.6
279	23.6	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 50.241 ng

RT: 32.24 min Scan# 4929

Delta R.T. 0.01 min

Lab File: BG033164.D

Acq: 15 Mar 2018 3:53

Tot Ion:	276	Resp:	728438
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.3	27.5
138	19.4	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

BU-02-031318MSD

Manual Integrations
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Sohil
3/15/2018 7:00:18 PM

