

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032659.D
 Acq On : 13 Feb 2018 14:11
 Operator : SJ/JU
 Sample : J1516-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:31:05 AM

Quant Time: Feb 13 16:30:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	40003	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	157525	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	109566	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	281374	20.00	ng	0.00
75) Chrysene-d12	22.37	240	355712	20.00	ng	0.00
86) Perylene-d12	26.02	264	375066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.12	112	241904	121.33	ng	0.00
7) Phenol-d6	7.80	99	270893	99.36	ng	0.00
23) Nitrobenzene-d5	9.87	82	214663	86.61	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	213728	126.68	ng	0.00
44) 2-Fluorobiphenyl	13.94	172	697608	79.62	ng	0.00
78) Terphenyl-d14	20.59	244	1316100	84.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	28888	34.635	ng	# 79
3) Pyridine	4.25	79	43334	20.256	ng	92
4) n-Nitrosodimethylamine	4.15	42	51249	50.981	ng	# 73
6) Aniline	7.97	93	29309	9.096	ng	98
8) 2-Chlorophenol	8.23	128	109760	47.873	ng	85
9) Benzaldehyde	7.78	77	14959m	9.284	ng	
10) Phenol	7.82	94	105838	39.916	ng	87
11) bis(2-Chloroethyl)ether	8.06	93	85299	40.127	ng	# 83
12) 1,3-Dichlorobenzene	8.55	146	136838	42.318	ng	95
13) 1,4-Dichlorobenzene	8.71	146	131132	41.047	ng	96
14) 1,2-Dichlorobenzene	9.04	146	133331	41.380	ng	95
15) Benzyl Alcohol	8.91	79	89872	43.980	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.20	45	95066	41.554	ng	68
17) 2-Methylphenol	9.11	107	81148	43.214	ng	# 89
18) Hexachloroethane	9.79	117	49487	42.424	ng	# 85
19) n-Nitroso-di-n-propylamine	9.48	70	75761	41.335	ng	# 93
20) 3+4-Methylphenols	9.45	107	116027	40.881	ng	96
22) Acetophenone	9.51	105	157063	46.882	ng	# 96
24) Nitrobenzene	9.91	77	117826	45.403	ng	95
25) Isophorone	10.43	82	218318	46.199	ng	# 87
26) 2-Nitrophenol	10.63	139	64017	46.122	ng	# 84
27) 2,4-Dimethylphenol	10.68	122	103574	56.798	ng	95
28) bis(2-Chloroethoxy)methane	10.92	93	118123	48.898	ng	94
29) 2,4-Dichlorophenol	11.18	162	127698	47.845	ng	94
30) 1,2,4-Trichlorobenzene	11.40	180	159440	42.611	ng	97
31) Naphthalene	11.60	128	350376	45.807	ng	97
32) Benzoic acid	10.78	122	6720	8.562	ng	# 63
33) 4-Chloroaniline	11.71	127	14211	4.682	ng	# 97
34) Hexachlorobutadiene	11.86	225	124510	40.602	ng	93
35) Caprolactam	12.44	113	25740	33.961	ng	# 52
36) 4-Chloro-3-methylphenol	12.78	107	120072	50.015	ng	87
37) 2-Methylnaphthalene	13.17	142	284107	45.792	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	225352	43.547	ng	96
40) Hexachlorocyclopentadiene	13.50	237	300730	91.829	ng	93

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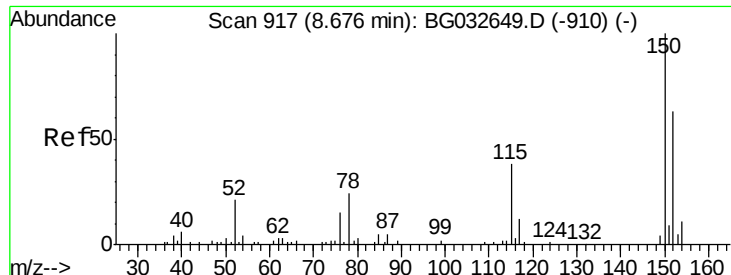
Manual Integrations
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Quant Time: Feb 13 16:30:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	126637	49.030	nq	99
43) 2,4,5-Trichlorophenol	13.83	196	140972	43.797	nq	90
45) 1,1'-Biphenyl	14.15	154	402460	44.642	nq	96
46) 2-Chloronaphthalene	14.20	162	317869	44.558	nq	96
47) 2-Nitroaniline	14.39	65	72603	46.787	nq #	84
48) Acenaphthylene	15.03	152	463747	44.186	nq	98
49) Dimethylphthalate	14.74	163	411912	43.492	nq #	98
50) 2,6-Dinitrotoluene	14.87	165	91513	46.918	nq #	84
51) Acenaphthene	15.37	154	314448	43.871	nq	98
52) 3-Nitroaniline	15.21	138	24433	14.185	nq #	66
53) 2,4-Dinitrophenol	15.40	184	31149	36.822	nq #	66
54) Dibenzofuran	15.70	168	492023	46.139	nq	97
55) 4-Nitrophenol	15.50	139	94160	74.139	nq #	79
56) 2,4-Dinitrotoluene	15.65	165	127569	47.467	nq #	74
57) Fluorene	16.35	166	394599	44.995	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.92	232	147235	48.585	nq #	84
59) Diethylphthalate	16.09	149	404362	43.879	nq	96
60) 4-Chlorophenyl-phenylether	16.33	204	258236	44.599	nq	93
61) 4-Nitroaniline	16.37	138	61138	34.427	nq #	81
62) Azobenzene	16.62	77	270343	45.661	nq	83
64) 4,6-Dinitro-2-methylphenol	16.41	198	39513	22.309	nq	76
65) n-Nitrosodiphenylamine	16.54	169	359773	43.597	nq	98
66) 4-Bromophenyl-phenylether	17.22	248	178758	44.391	nq	96
67) Hexachlorobenzene	17.34	284	183904	42.521	nq #	92
68) Atrazine	17.47	200	153601	43.396	nq	97
69) Pentachlorophenol	17.68	266	186192	70.320	nq	99
70) Phenanthrene	18.09	178	669618	44.302	nq	100
71) Anthracene	18.18	178	696640	45.045	nq	98
72) Carbazole	18.44	167	579889	43.977	nq	98
73) Di-n-butylphthalate	18.95	149	662239	44.604	nq	99
74) Fluoranthene	20.05	202	905461	44.873	nq	95
76) Benzidine	20.23	184	51986m	6.206	nq	
77) Pyrene	20.41	202	910004	43.001	nq	99
79) Butylbenzylphthalate	21.27	149	308860	44.305	nq #	79
80) Benzo(a)anthracene	22.35	228	969821	43.545	nq	99
81) 3,3'-Dichlorobenzidine	22.24	252	107766	12.956	nq #	98
82) Chrysene	22.42	228	939567	42.784	nq	98
83) Bis(2-ethylhexyl)phthalate	22.19	149	433956	43.167	nq #	97
84) Di-n-octyl phthalate	23.55	149	744568	47.207	nq #	91
85) Indeno(1,2,3-cd)pyrene	30.24	276	1173914	45.124	nq #	83
87) Benzo(b)fluoranthene	24.85	252	992877	44.420	nq #	96
88) Benzo(k)fluoranthene	24.92	252	1011623	43.731	nq #	96
89) Benzo(a)pyrene	25.85	252	1001916	46.011	nq #	95
90) Dibenzo(a,h)anthracene	30.32	278	980190	45.215	nq #	93
91) Benzo(g,h,i)perylene	31.57	276	966633	46.126	nq #	92

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



#1

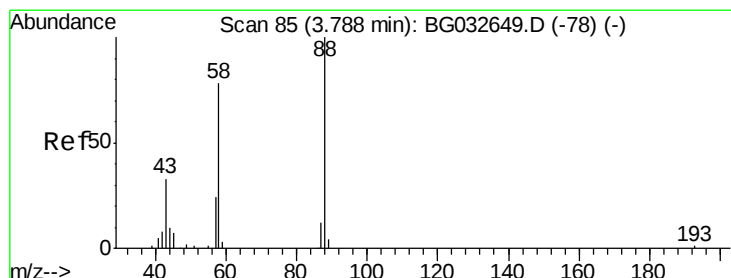
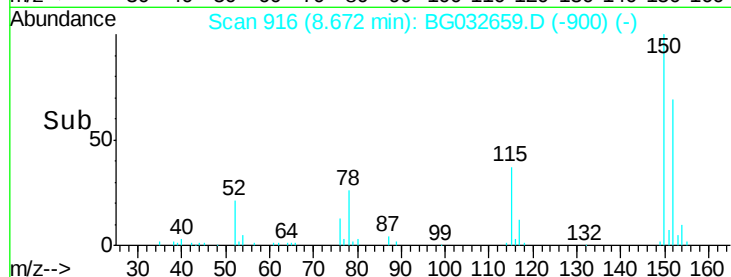
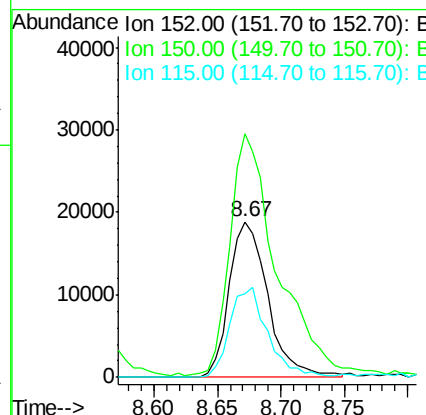
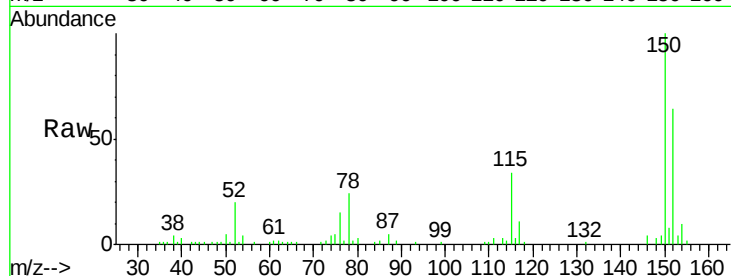
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	53.9	53.0	79.4

Manual Integrations
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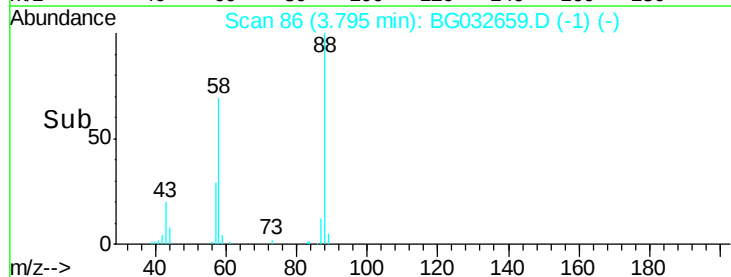
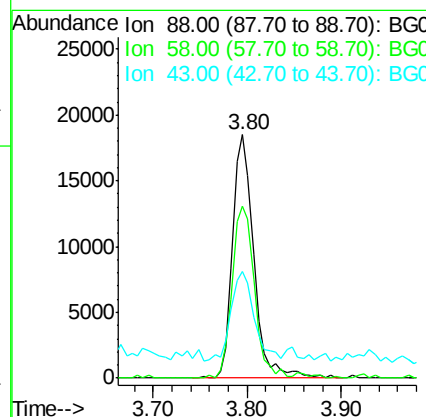
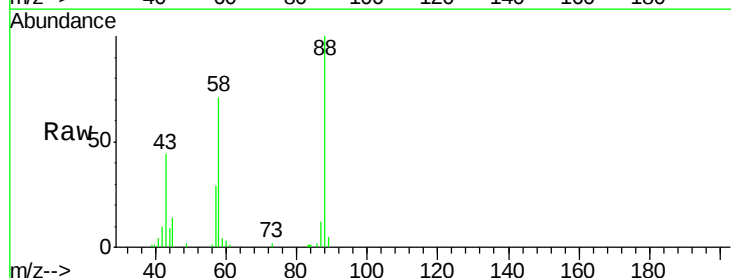
Sohil
2/14/2018 10:31:05 AM

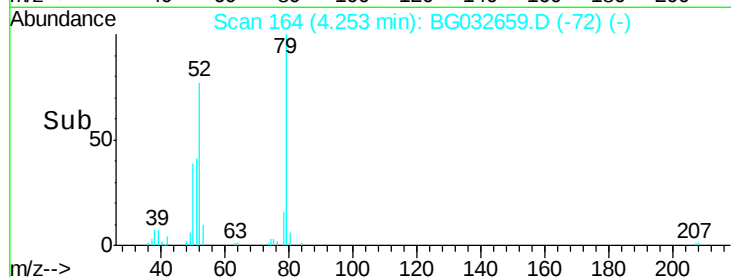
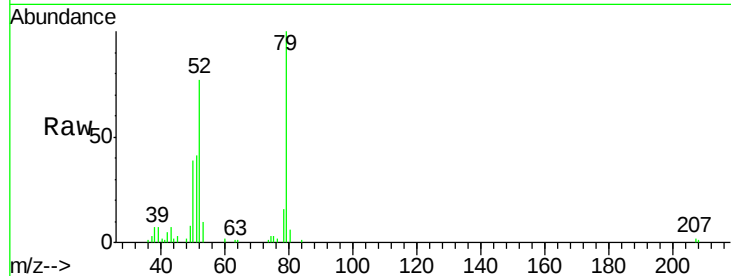
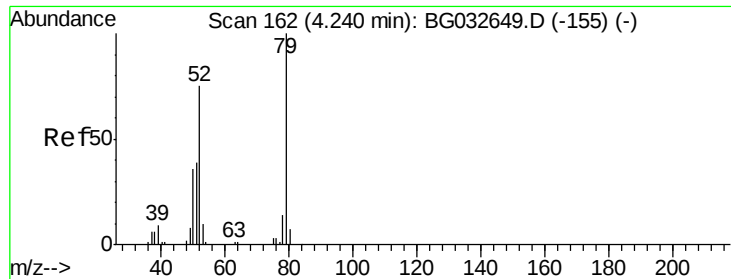


#2

1,4-Dioxane
Concen: 34.635 ng
RT: 3.80 min Scan# 86
Delta R.T. 0.01 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	79.6	119.4#
43	38.6	27.4	41.0





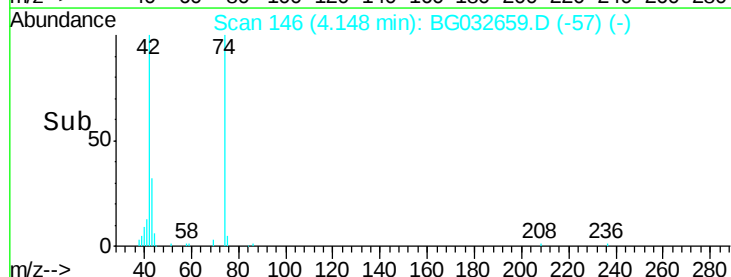
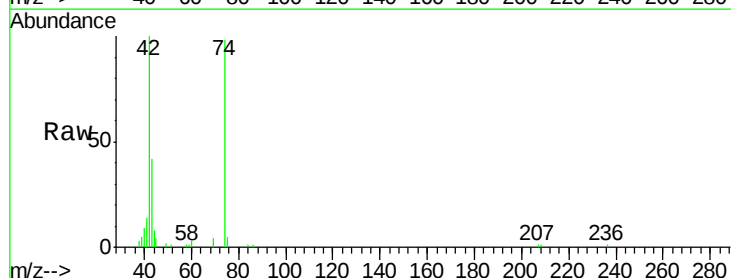
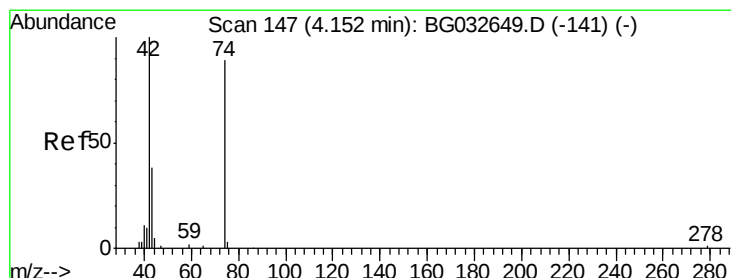
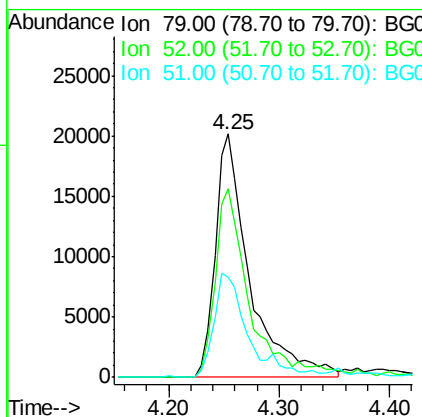
#3
 Pvridine
 Concen: 20.256 ng
 RT: 4.25 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.3	69.9	104.9
51	41.3	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

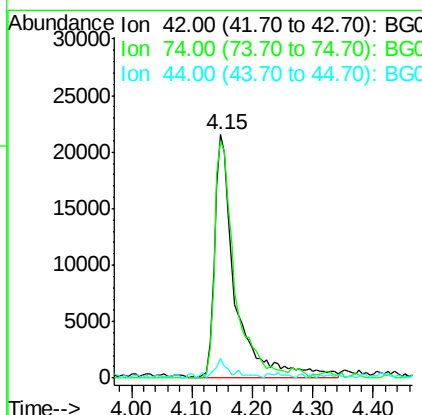
Manual Integrations
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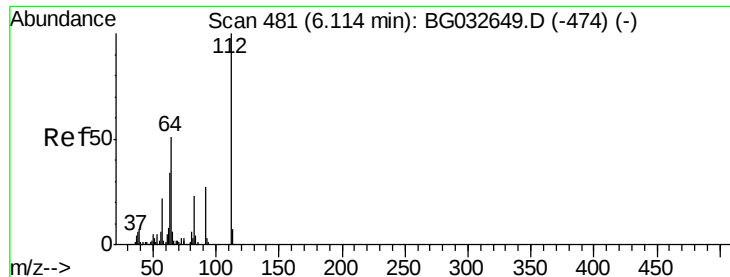
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 50.981 ng
 RT: 4.15 min Scan# 146
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.6	102.5	153.7#
44	7.8	18.9	28.3#





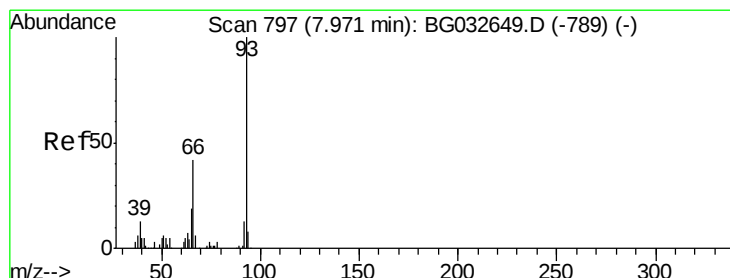
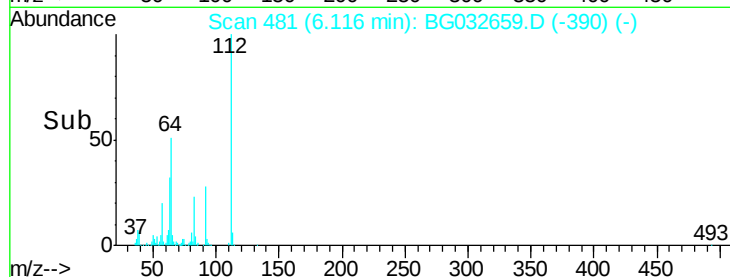
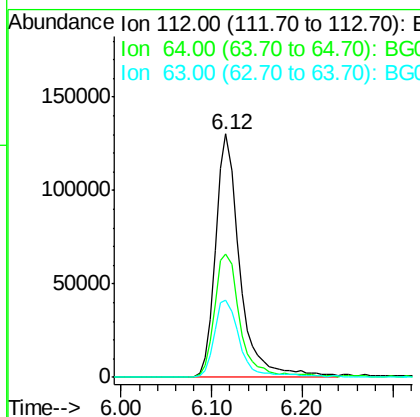
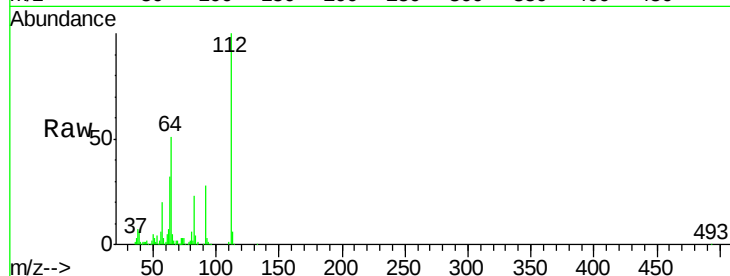
#5
 2-Fluorophenol
 Concen: 121.327 ng
 RT: 6.12 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	31.6	30.1	45.1

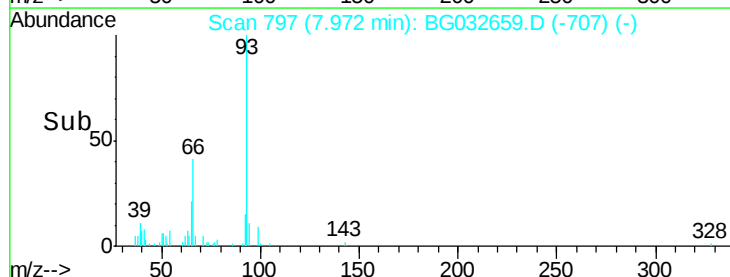
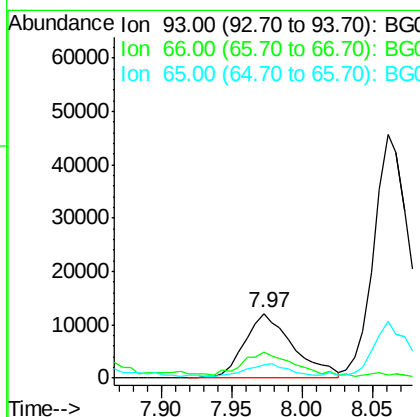
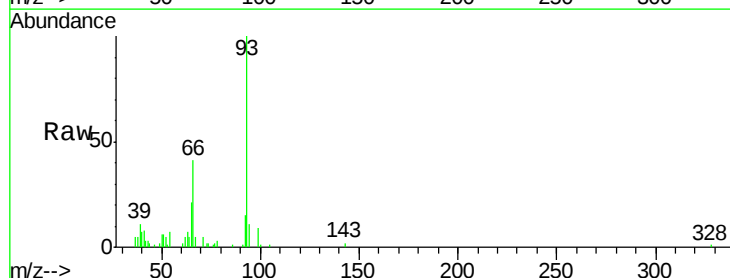
Manual Integrations
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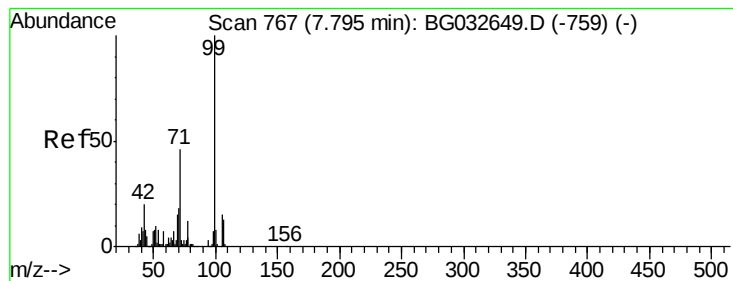
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#6
 Aniline
 Concen: 9.096 ng
 RT: 7.97 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.8	33.7	50.5
65	20.9	16.1	24.1





#7

Phenol-d6

Concen: 99.362 ng

RT: 7.80 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

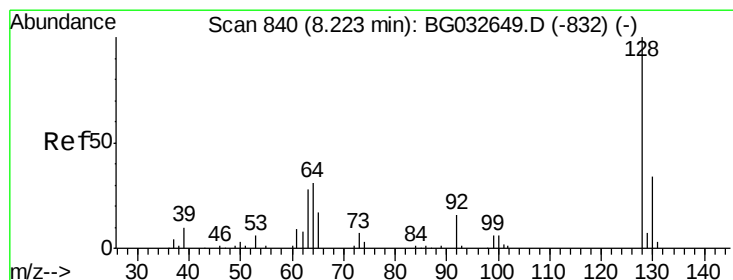
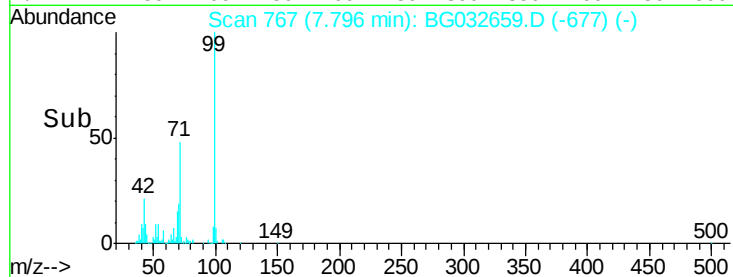
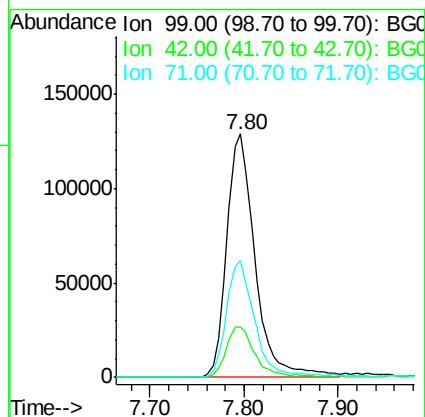
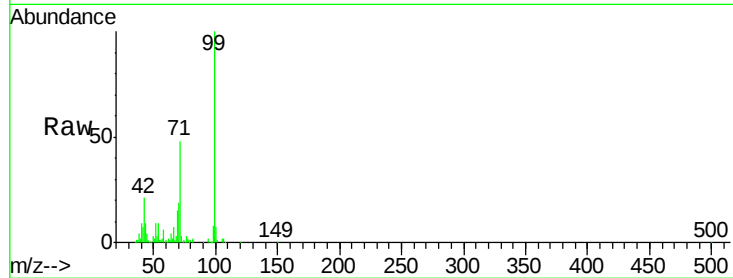
ClientSampleId :

WAVE-1MSD

Tot Ion:	99	Resp:	270893
Ion Ratio	Lower	Upper	
99	100		
42	20.9	14.1	21.1
71	48.3	26.1	39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.873 ng

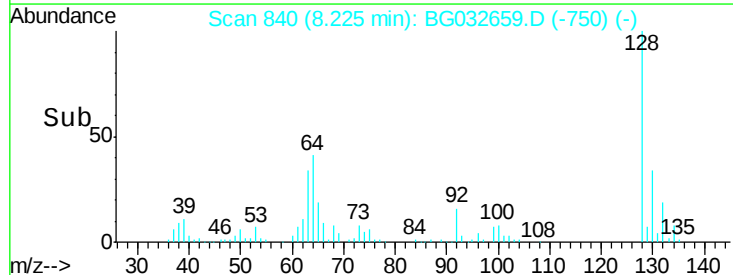
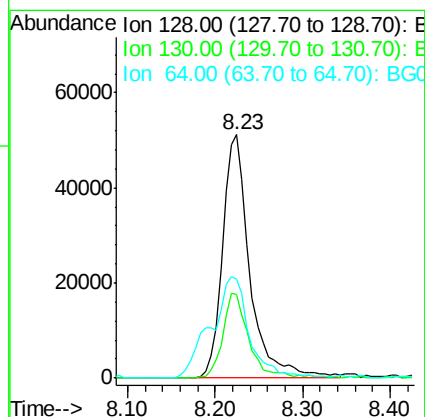
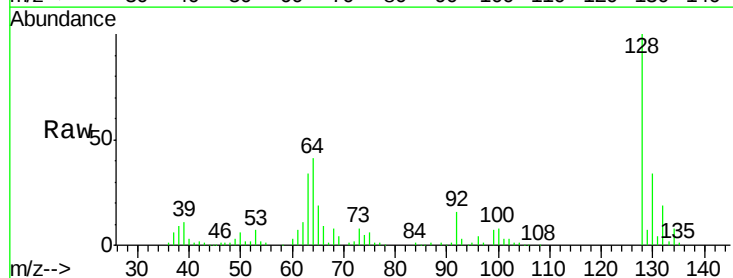
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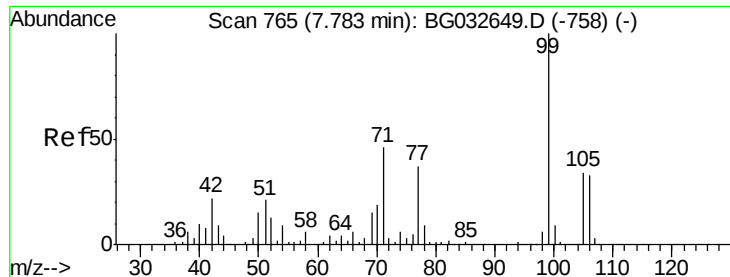
Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion:	128	Resp:	109760
Ion Ratio	Lower	Upper	
128	100		
130	34.2	14.0	54.0
64	40.6	37.7	77.7





#9

Benzaldehyde

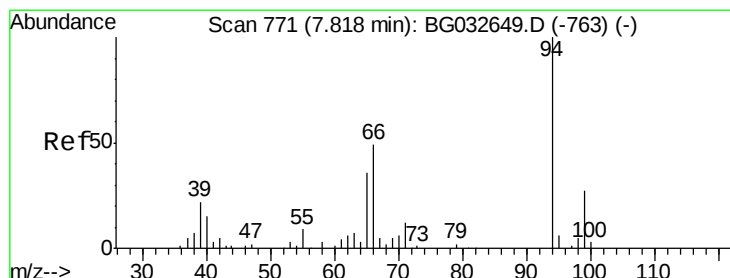
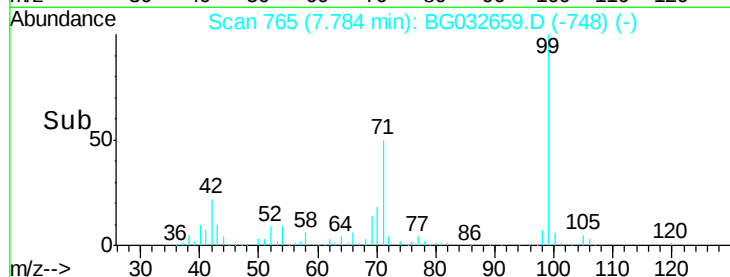
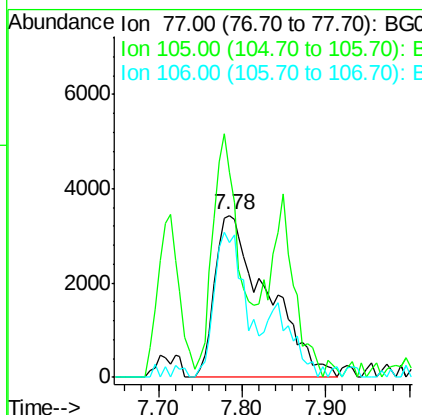
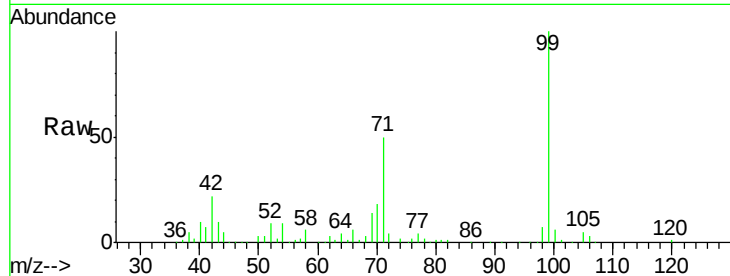
Concen: 9.284 ng/ml
 RT: 7.78 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleID :
 WAVE-1MSD

Tot Ion	77	105	106
Resp	14959	126.5	83.4
Lower		71.3	64.2
Upper		111.3	104.2

Manual Integrations
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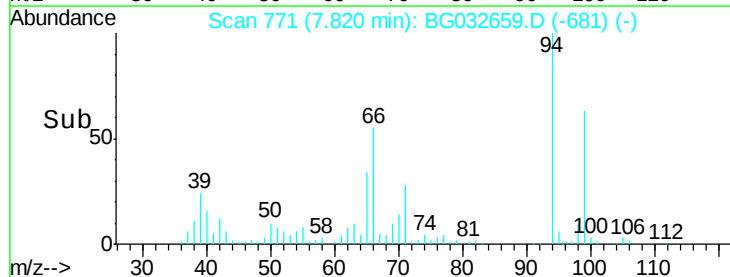
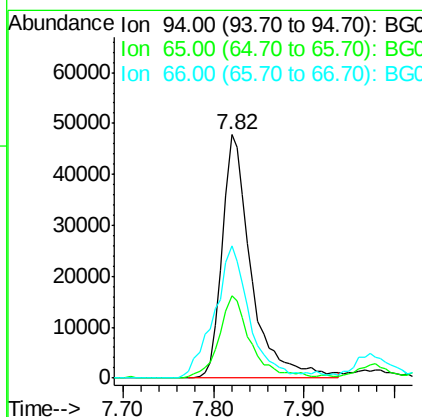
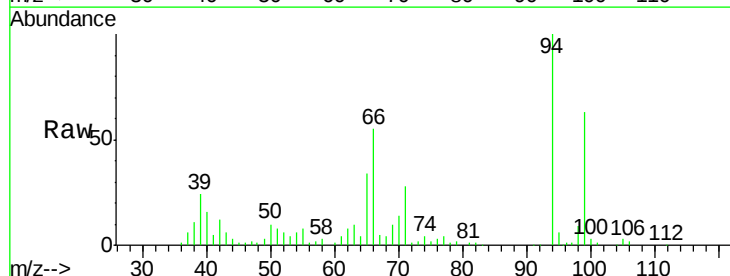


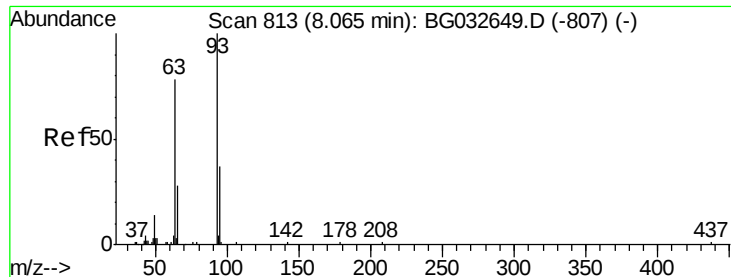
#10

Phenol

Concen: 39.916 ng/ml
 RT: 7.82 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	94	65	66
Resp	105838	33.9	54.5
Lower		11.9	22.2
Upper		51.9	62.2





#11

bis(2-Chloroethyl)ether

Concen: 40.127 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

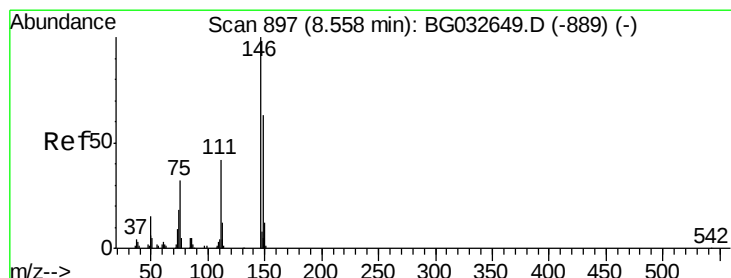
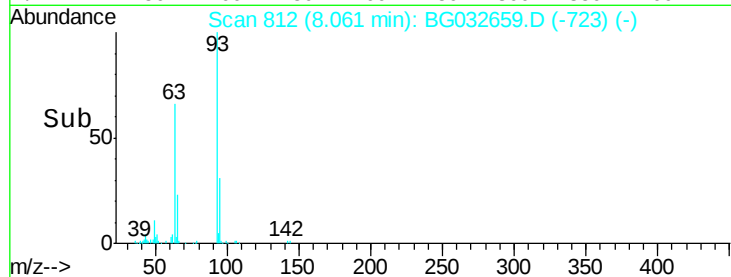
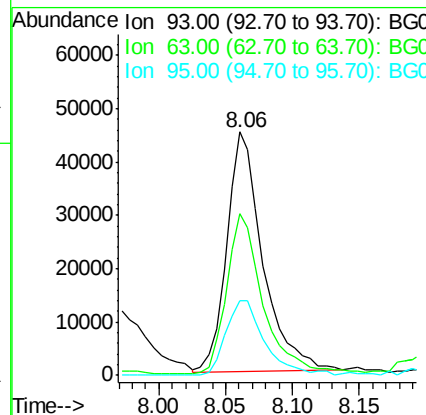
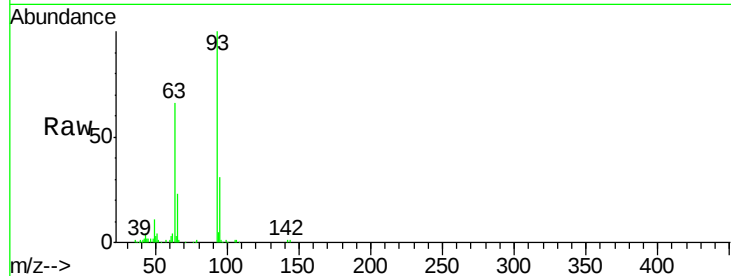
ClientSampleId :

WAVE-1MSD

Tot Ion:	93	Resp:	85299
Ion	Ratio	Lower	Upper
93	100		
63	66.4	67.1	107.1#
95	30.7	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.318 ng

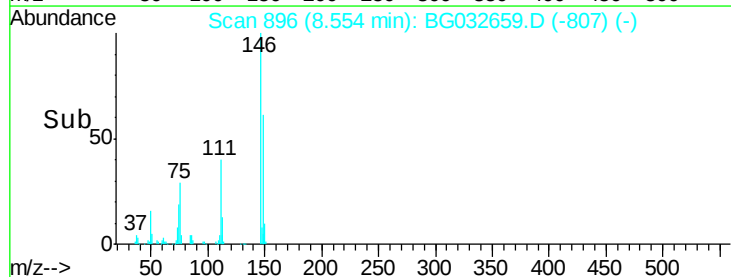
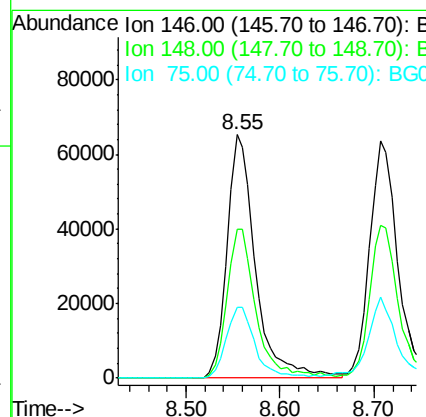
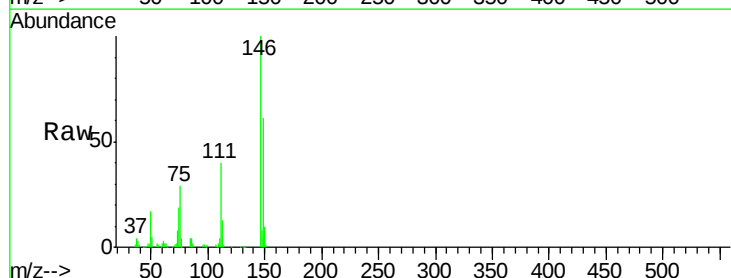
RT: 8.55 min Scan# 896

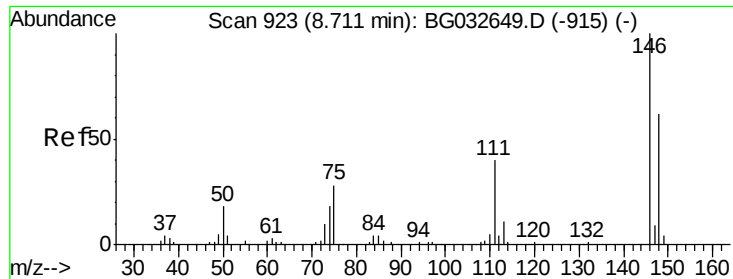
Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion:	146	Resp:	136838
Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.4	77.2
75	28.9	26.6	39.8





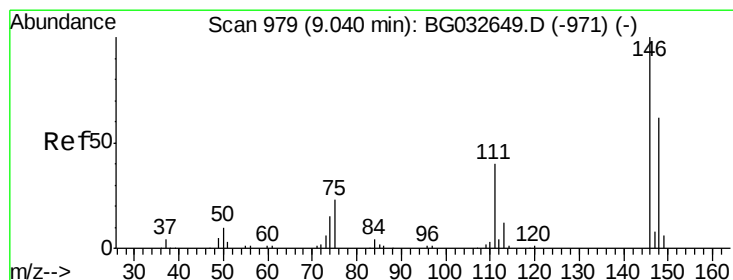
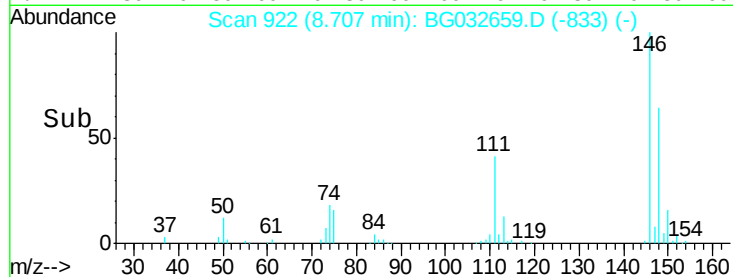
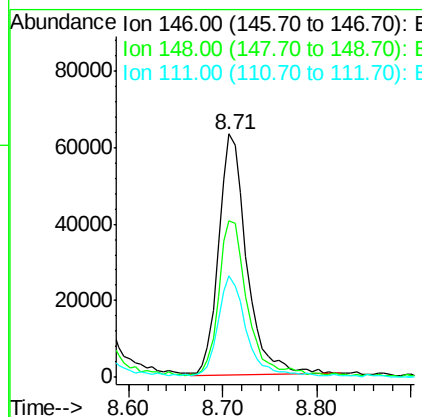
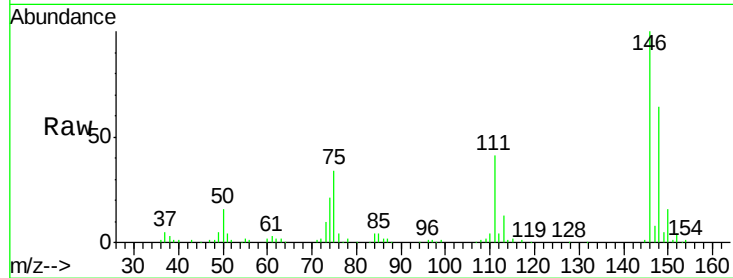
#13
 1,4-Dichlorobenzene
 Concen: 41.047 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.7	80.5
111	41.5	35.2	52.8

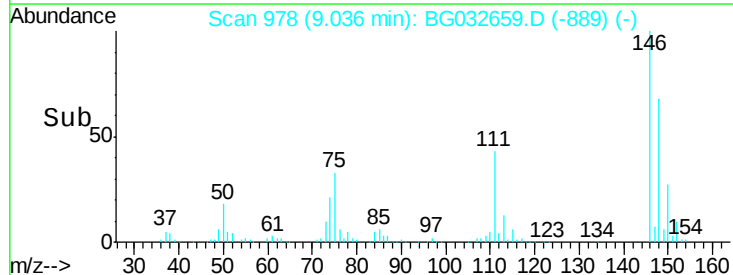
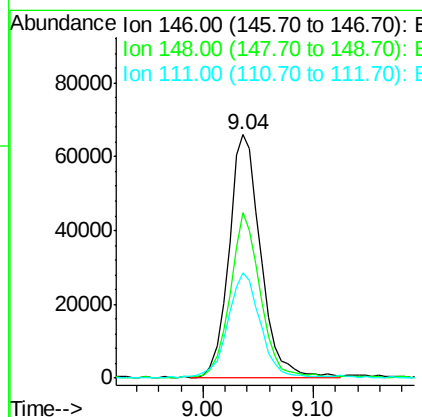
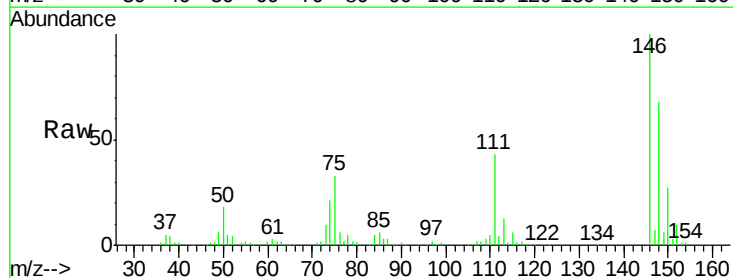
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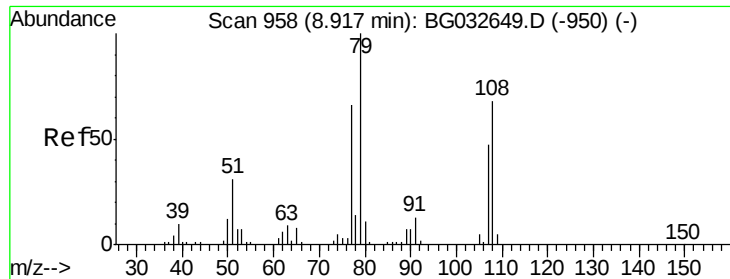
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#14
 1,2-Dichlorobenzene
 Concen: 41.380 ng
 RT: 9.04 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	49.3	73.9
111	43.1	34.3	51.5





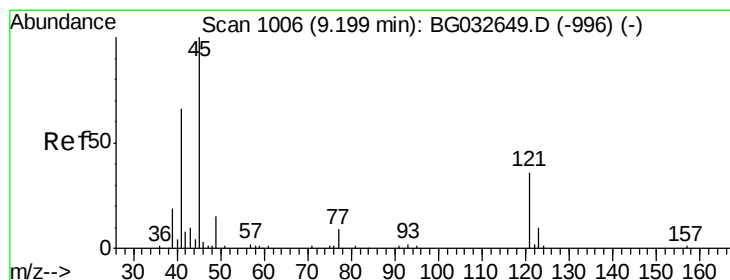
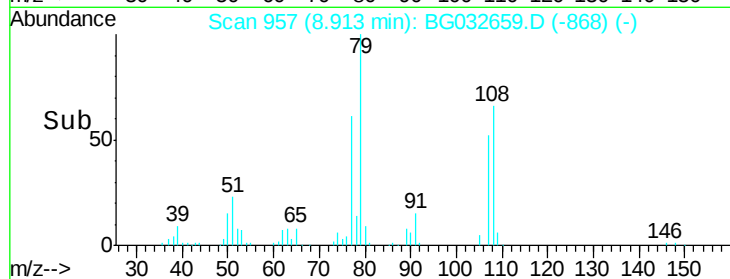
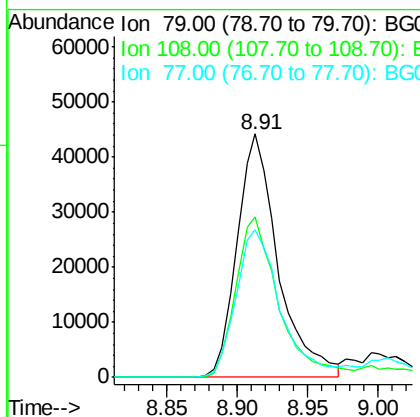
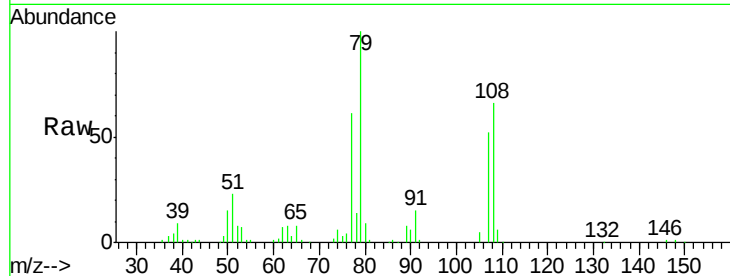
#15
Benzyl Alcohol
Concen: 43.980 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampled :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.1	57.2	85.8
77	60.7	46.1	69.1

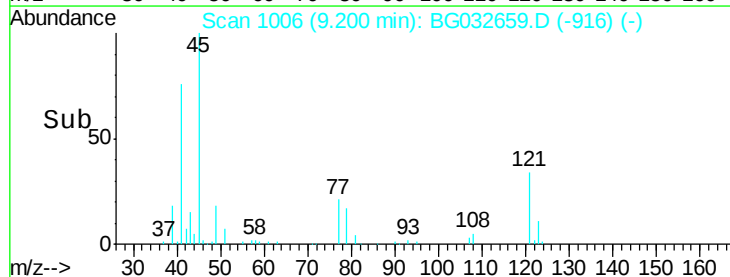
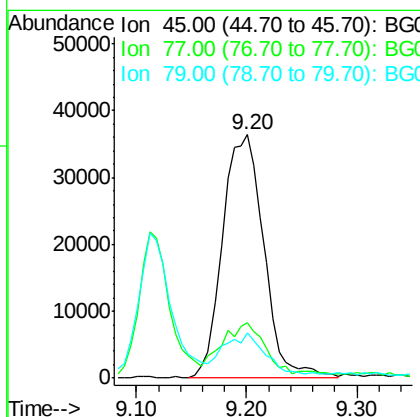
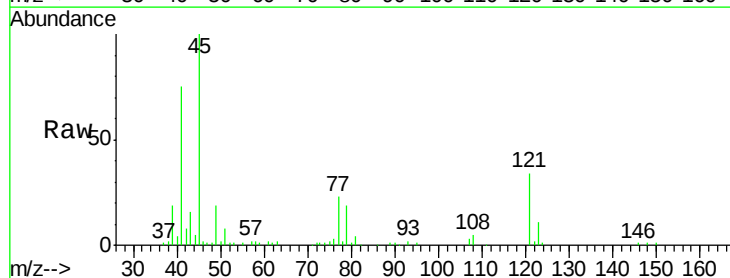
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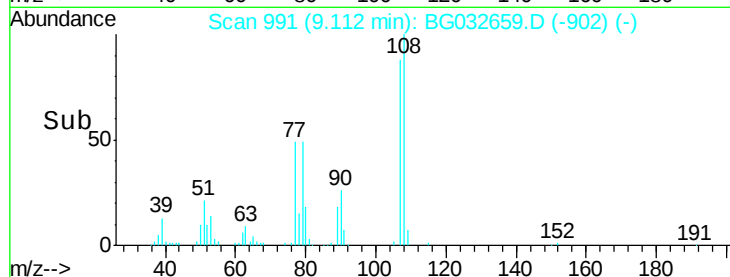
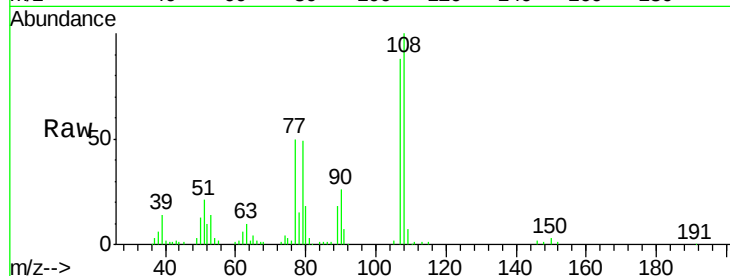
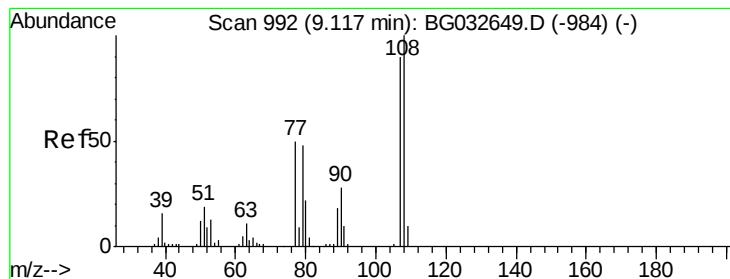
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.554 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.0	30.2
79	18.7	0.0	27.9





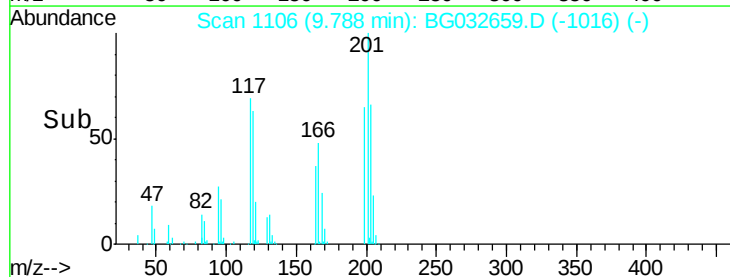
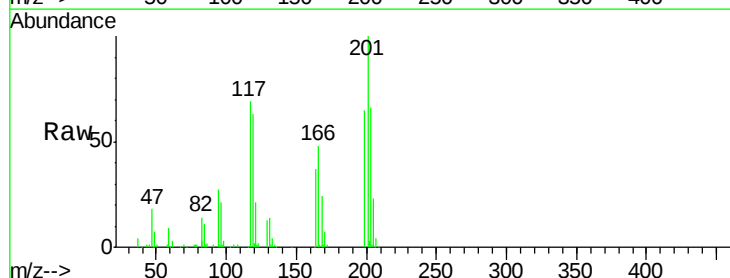
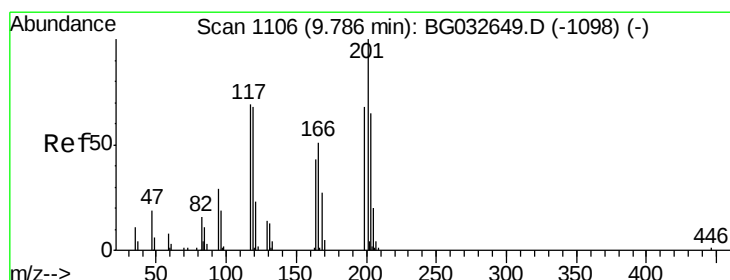
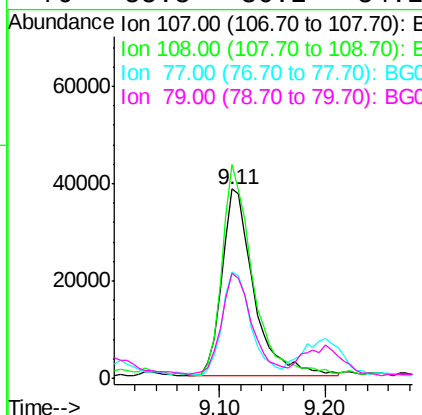
#17
2-Methylphenol
Concen: 43.214 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	83.9	125.9	
77	56.3	37.2	55.8	
79	55.8	36.2	54.2	

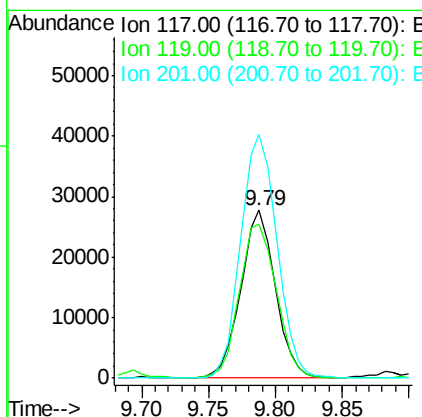
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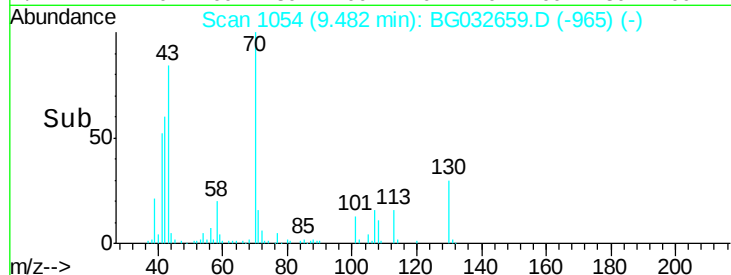
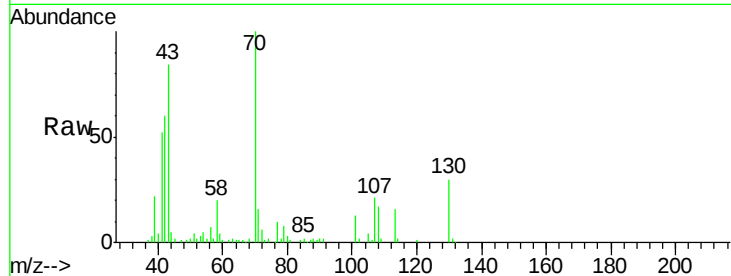
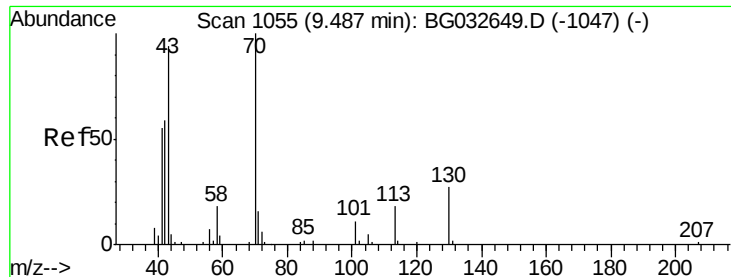
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#18
Hexachloroethane
Concen: 42.424 ng
RT: 9.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.0	76.7	115.1	
201	145.1	95.7	143.5	





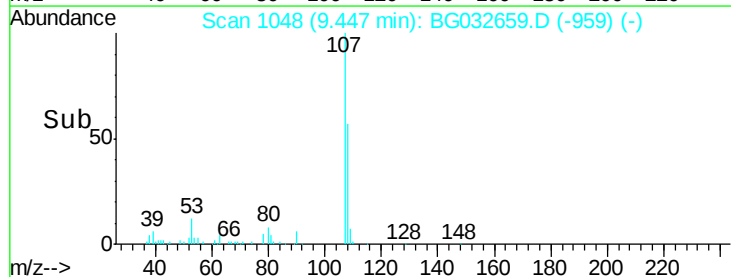
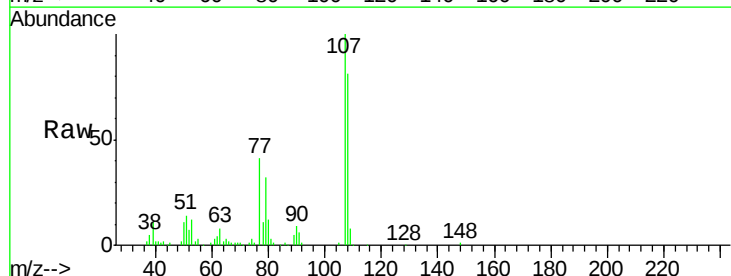
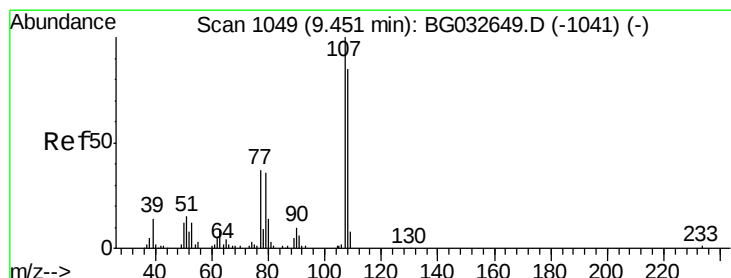
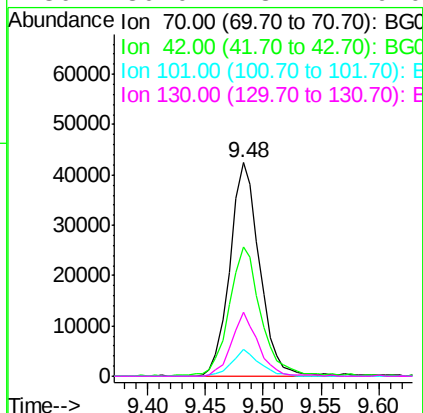
#19
n-Nitroso-di-n-propylamine
Concen: 41.335 ng
RT: 9.48 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	49.1	73.7
101	12.5	8.5	12.7
130	30.0	13.4	20.0

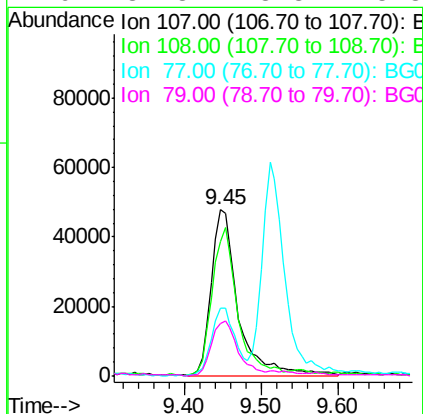
Manual Integrations
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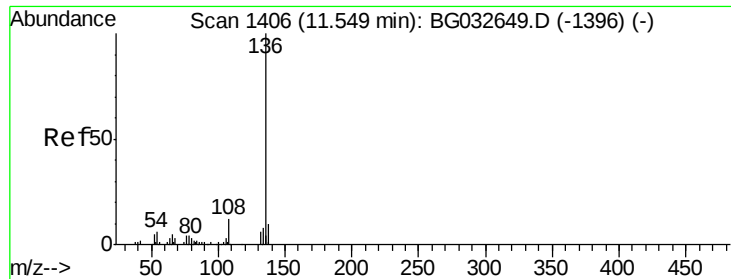
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#20
3+4-Methylphenols
Concen: 40.881 ng
RT: 9.45 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.1	61.6	101.6
77	40.7	13.9	53.9
79	31.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.54 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

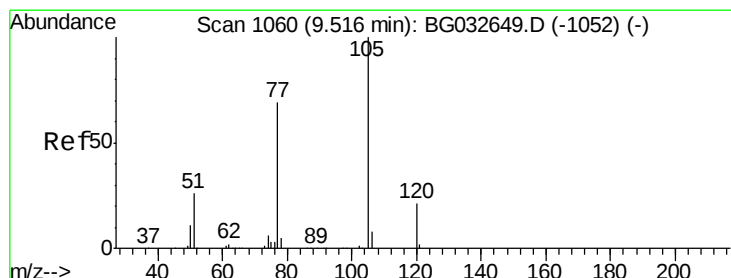
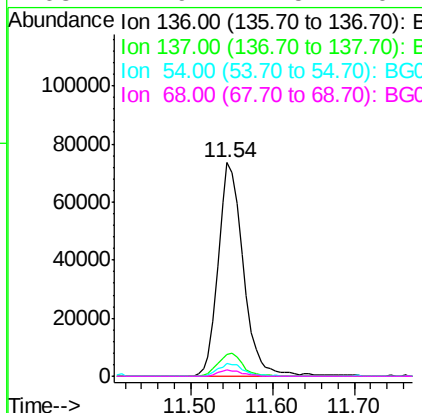
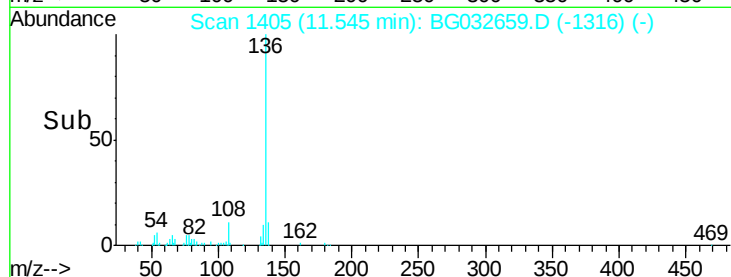
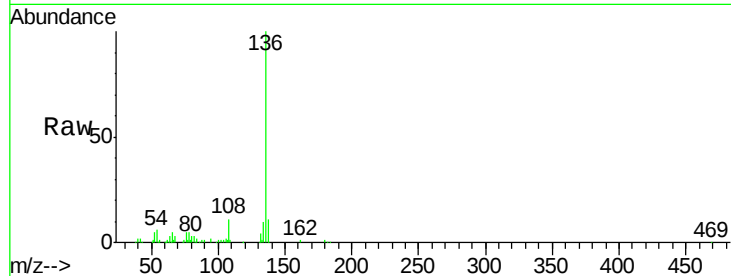
ClientSampleId :

WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	157525		
137	10.5	9.2	13.8	
54	6.3	10.3	15.5	
68	2.9	4.5	6.7	

Manual Integrations
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#22

Acetophenone

Concen: 46.882 ng

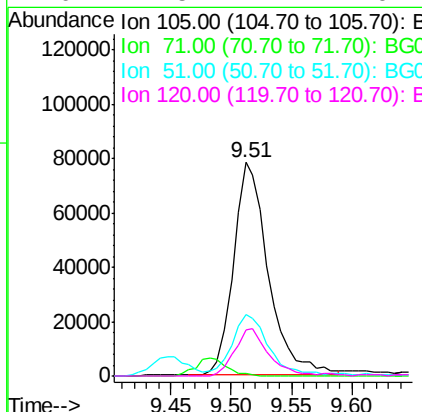
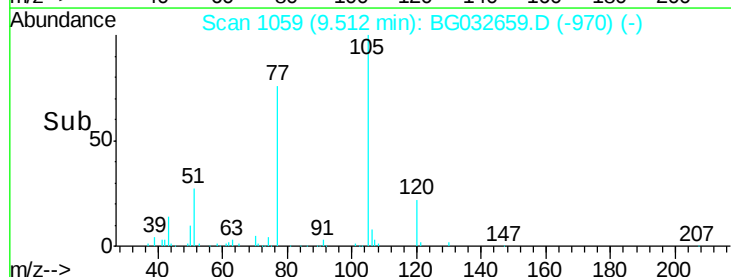
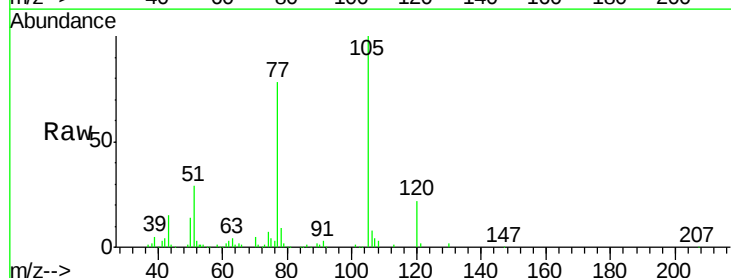
RT: 9.51 min Scan# 1059

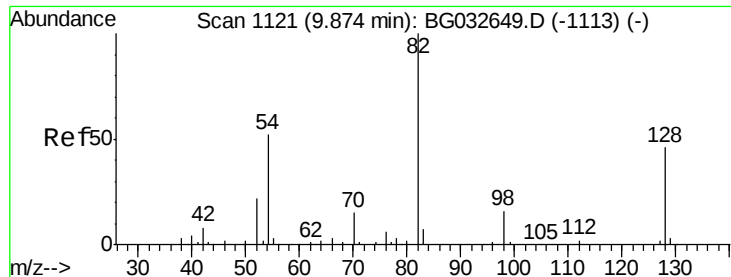
Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157063		
71	1.2	3.0	4.4	
51	28.8	26.1	39.1	
120	21.5	17.4	26.2	





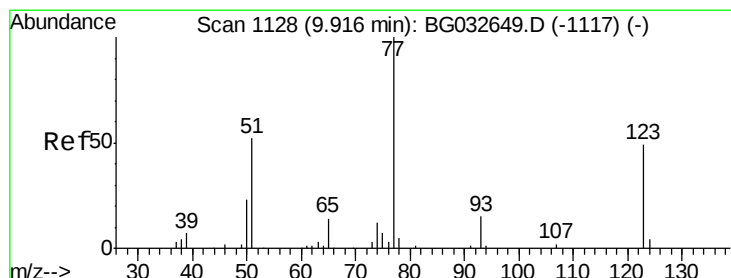
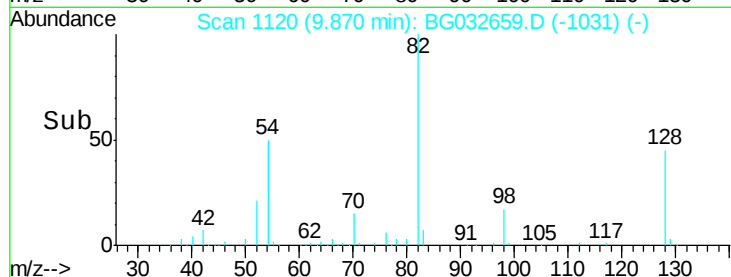
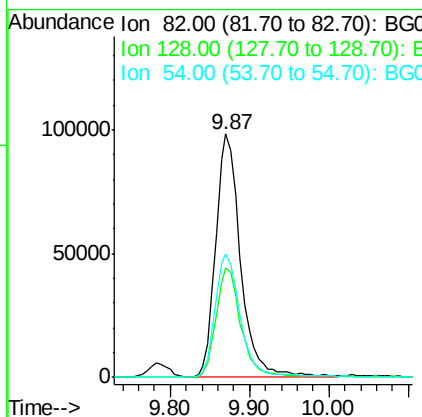
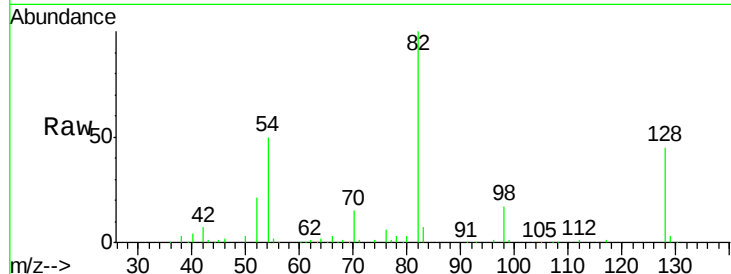
#23
Nitrobenzene-d5
Concen: 86.608 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	29.7	44.5#	
54	50.4	43.1	64.7	

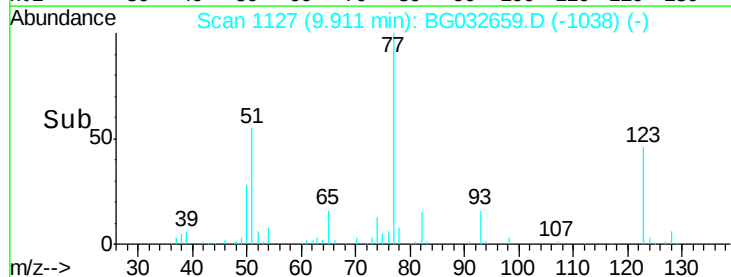
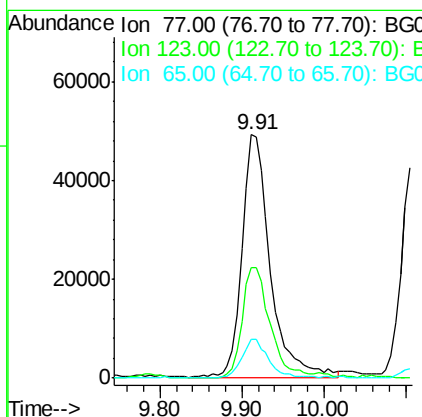
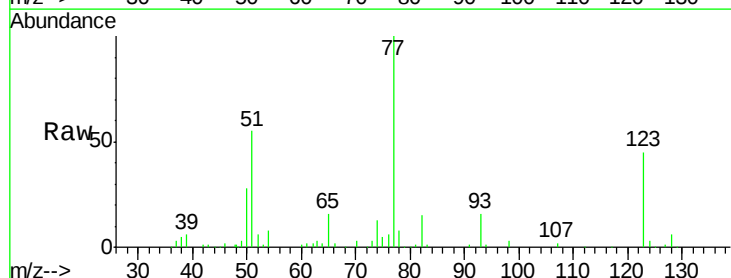
Manual Integrations
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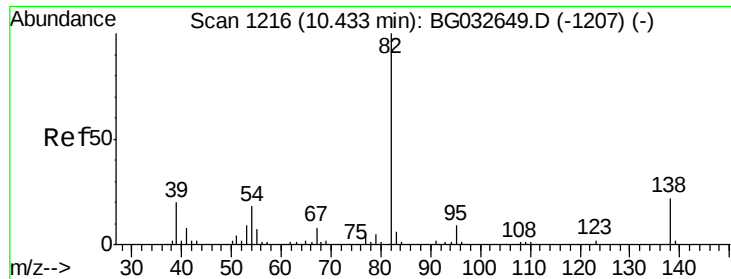
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#24
Nitrobenzene
Concen: 45.403 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	33.0	49.6	
65	16.2	13.0	19.6	





#25

Isophorone

Concen: 46.199 ng

RT: 10.43 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

ClientSampleId :

WAVE-1MSD

Tot Ion: 82 Resp: 218318

Ion Ratio Lower Upper

82 100

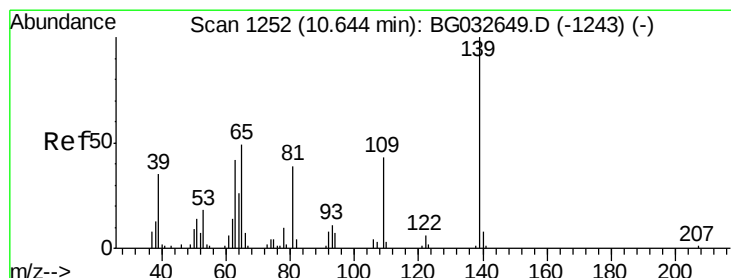
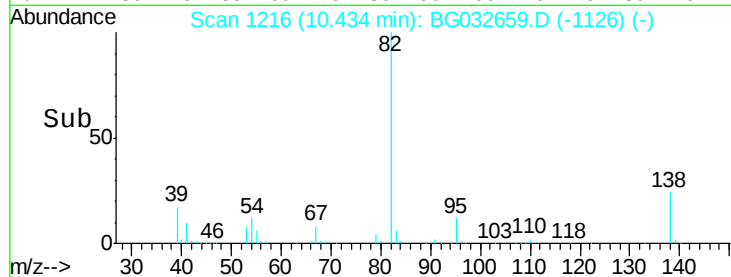
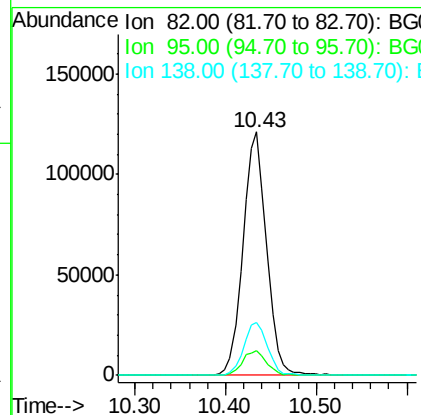
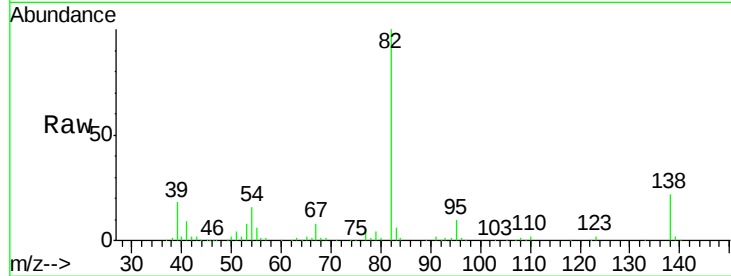
95 10.4 6.2 9.2#

138 21.7 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.122 ng

RT: 10.63 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

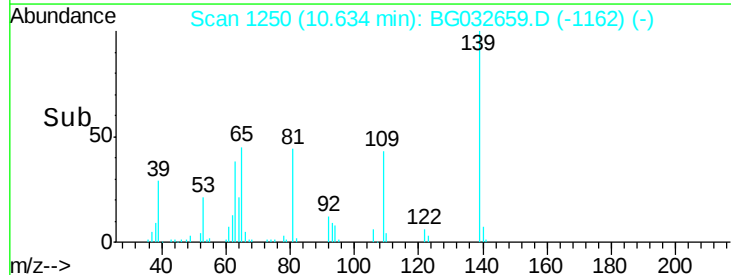
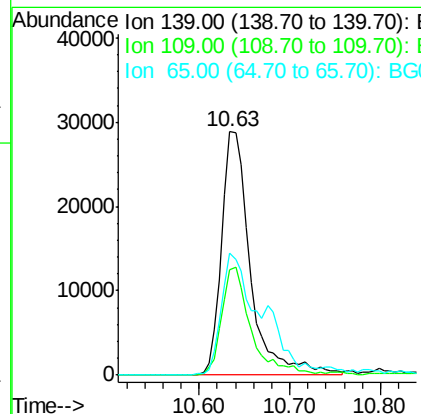
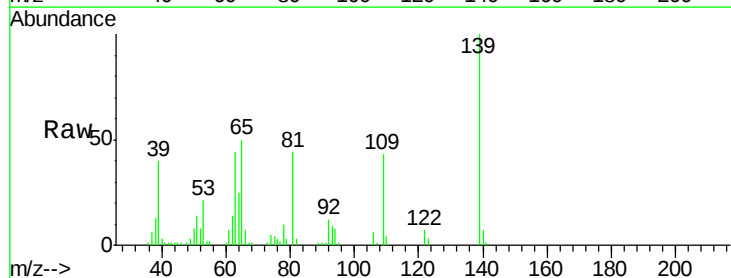
Tgt Ion: 139 Resp: 64017

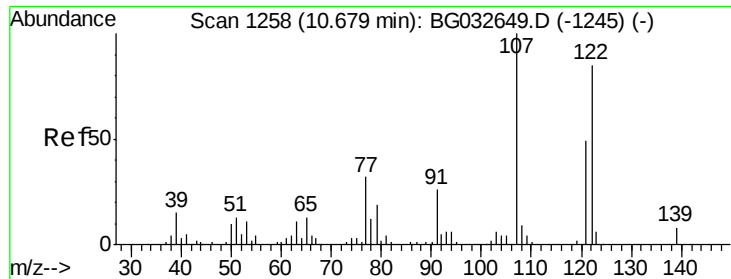
Ion Ratio Lower Upper

139 100

109 43.1 24.2 36.2#

65 50.1 47.4 71.0





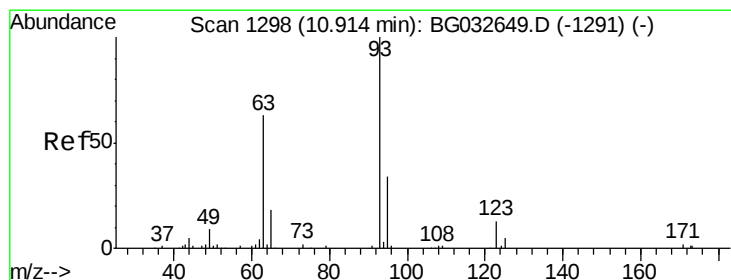
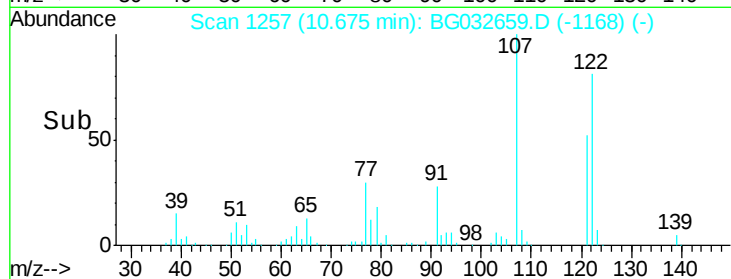
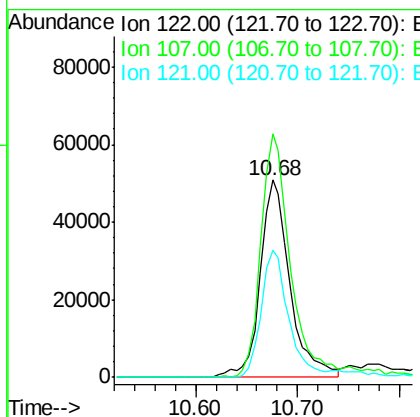
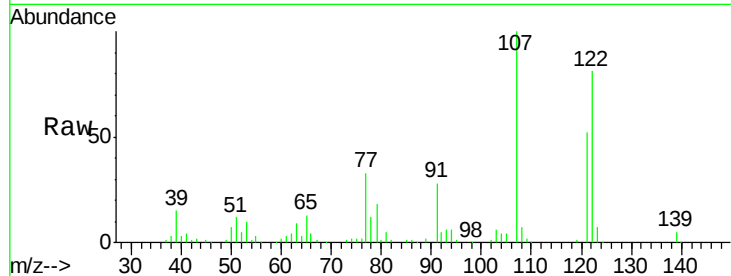
#27
 2,4-Dimethylphenol
 Concen: 56.798 ng
 RT: 10.68 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.6	100.2	150.2
121	64.5	44.4	66.6

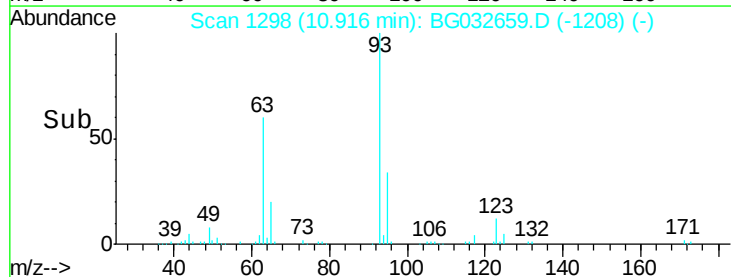
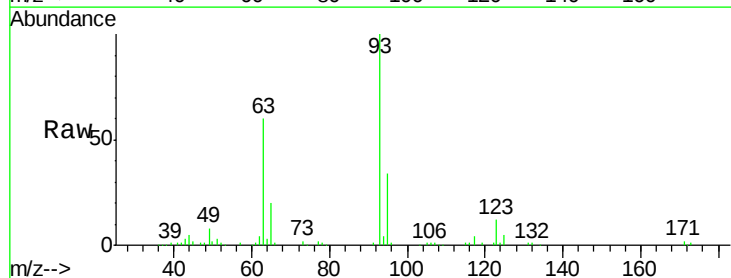
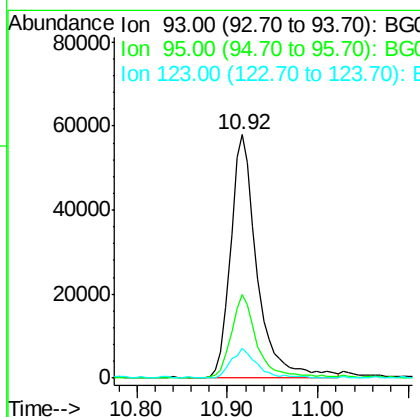
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.898 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	24.3	36.5
123	12.4	8.4	12.6





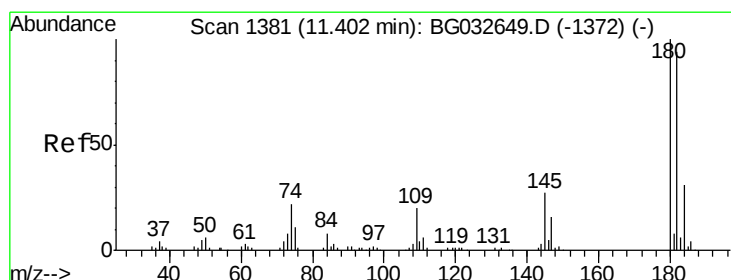
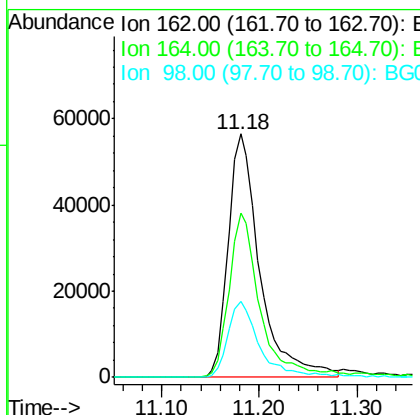
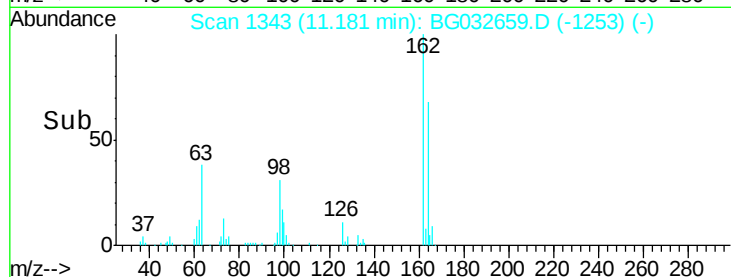
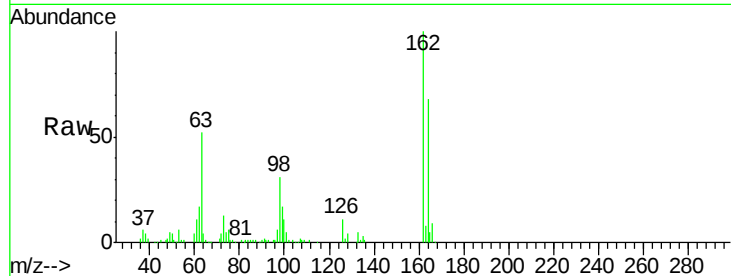
#29
2,4-Dichlorophenol
Concen: 47.845 ng
RT: 11.18 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	127698		
164	67.7	48.0	88.0	
98	31.1	21.1	61.1	

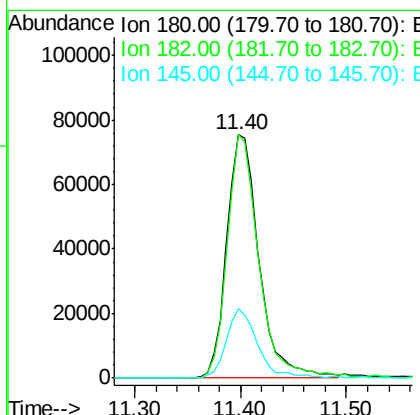
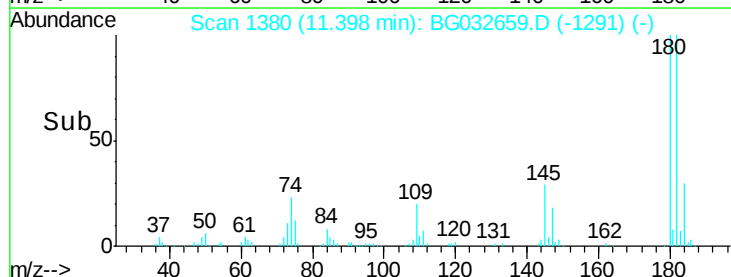
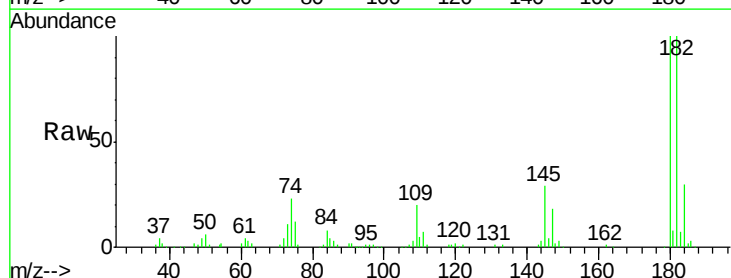
Manual Integrations
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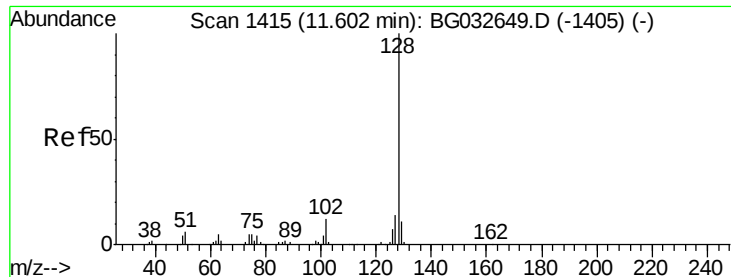
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.611 ng
RT: 11.40 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159440		
182	100.1	77.5	116.3	
145	28.8	23.4	35.2	





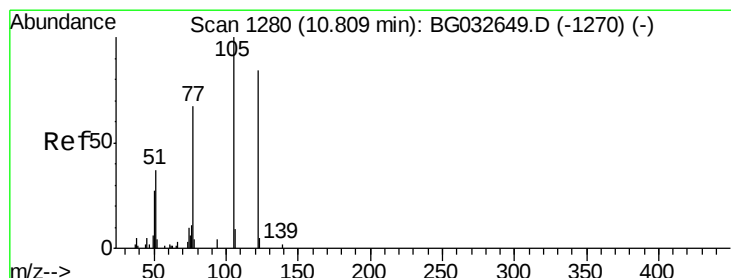
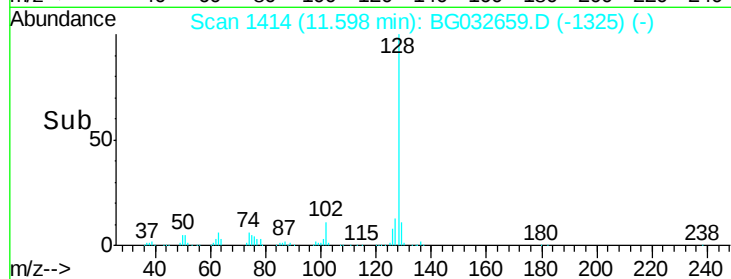
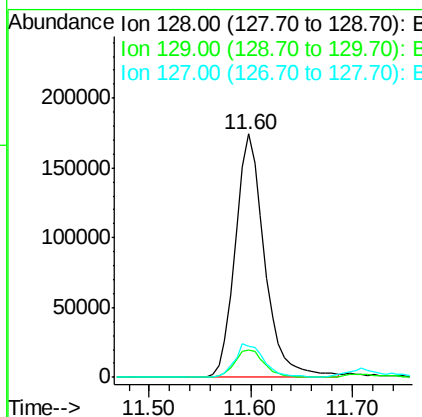
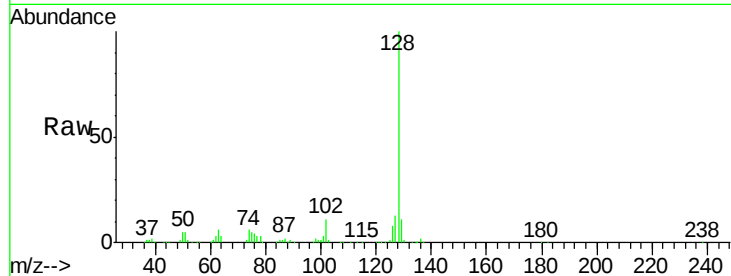
#31
Naphthalene
Concen: 45.807 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	12.9	11.6	17.4

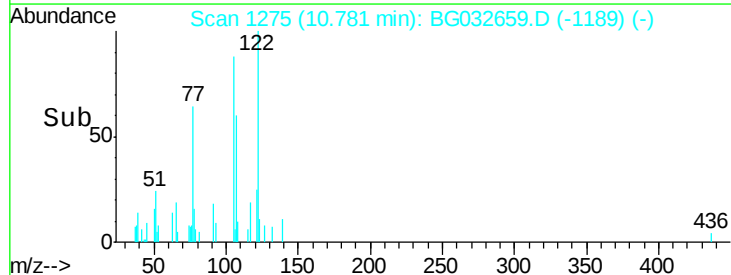
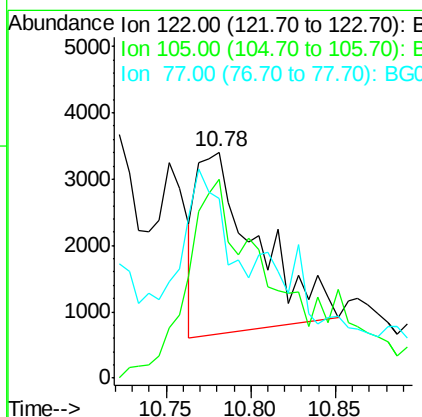
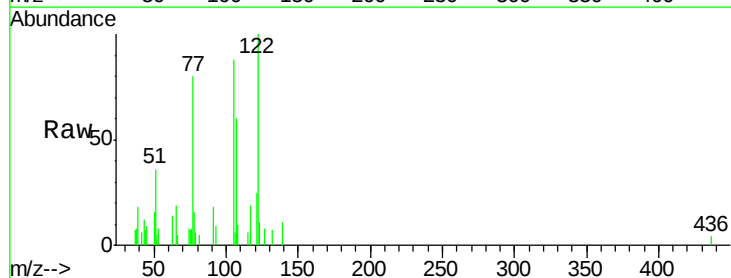
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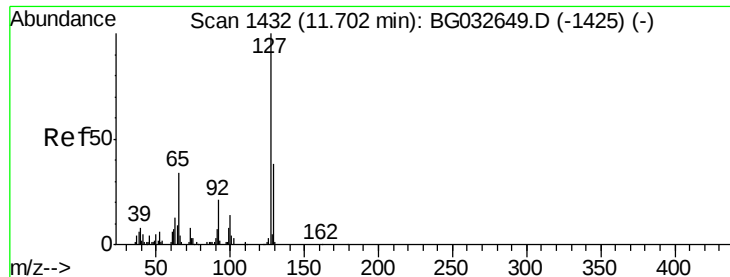
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#32
Benzoic acid
Concen: 8.562 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	88.1	123.5	163.5#
77	79.6	85.7	125.7#





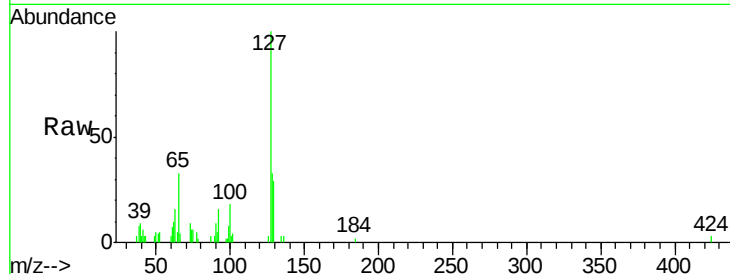
#33
4-Chloroaniline
Concen: 4.682 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

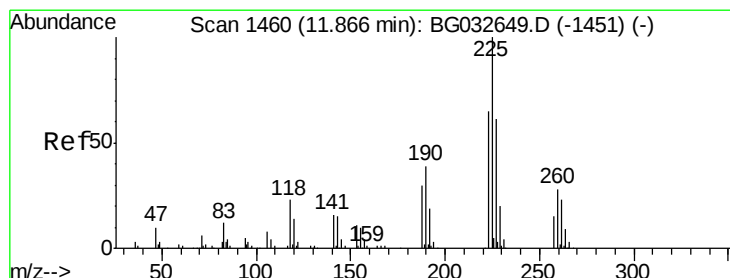
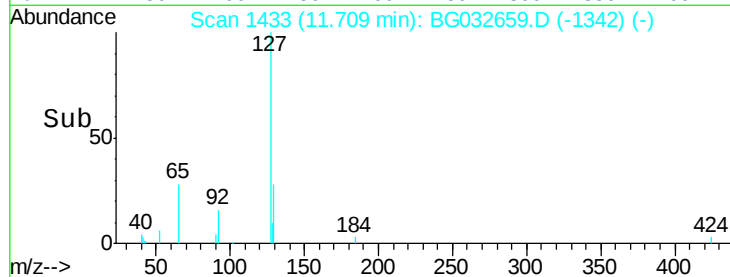
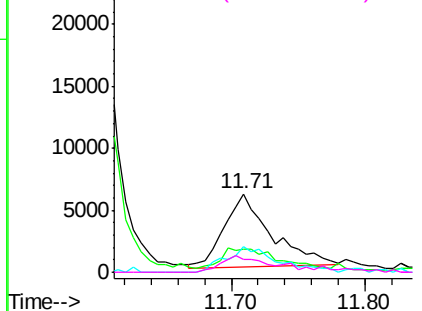
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		14211		
129	29.3	24.0	36.0		
65	32.9	27.0	40.4		
92	16.4	16.6	25.0		

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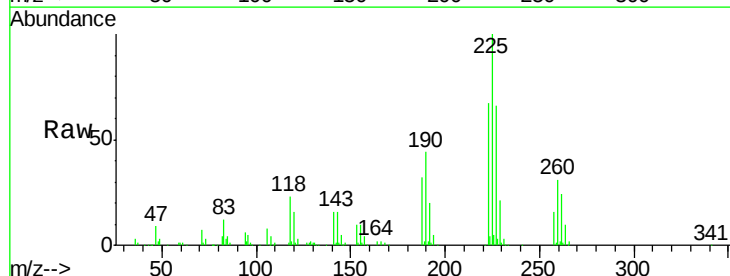


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

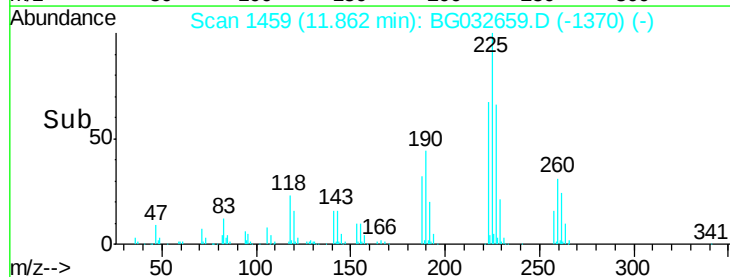
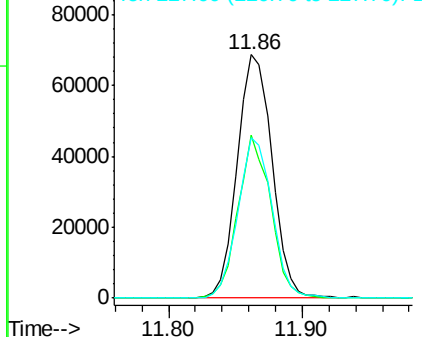


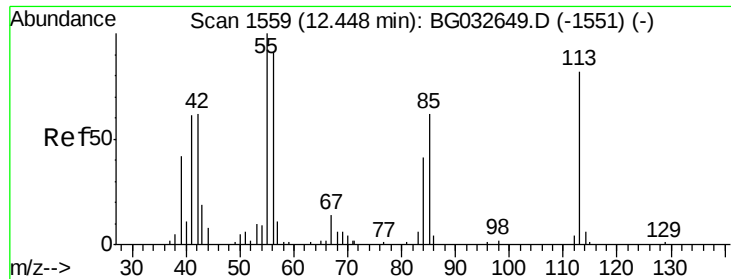
#34
Hexachlorobutadiene
Concen: 40.602 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		124510		
223	66.9	49.7	74.5		
227	65.7	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: 33.961 ng

RT: 12.44 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

ClientSampleId :

WAVE-1MSD

Tot Ion:113 Resp: 25740

Ion Ratio Lower Upper

113 100

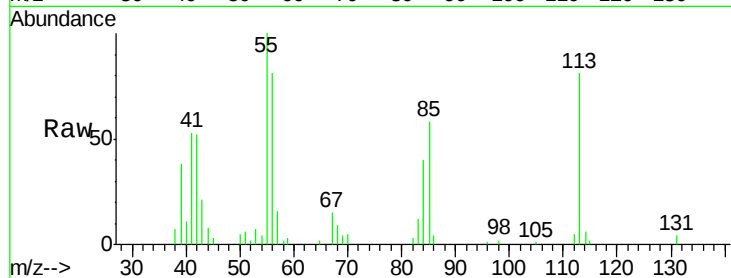
55 123.2 186.9 226.9#

56 99.4 130.9 170.9#

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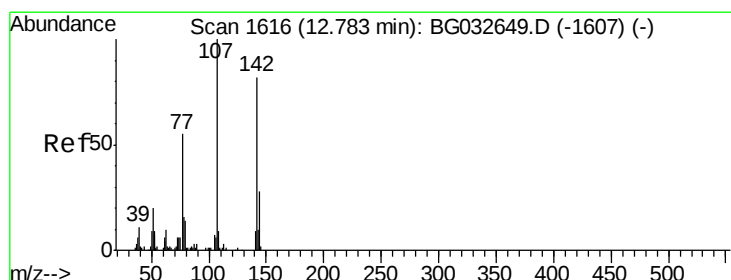
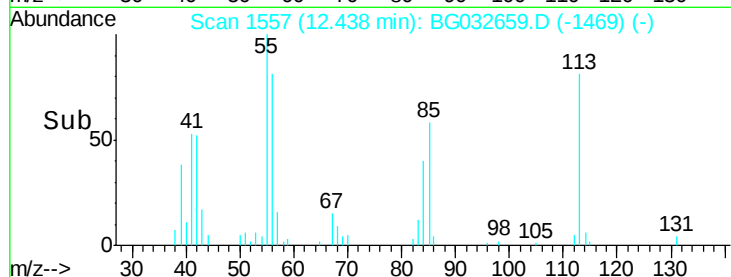
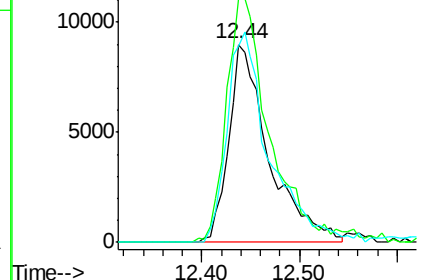
2/14/2018 10:31:05 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.015 ng

RT: 12.78 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

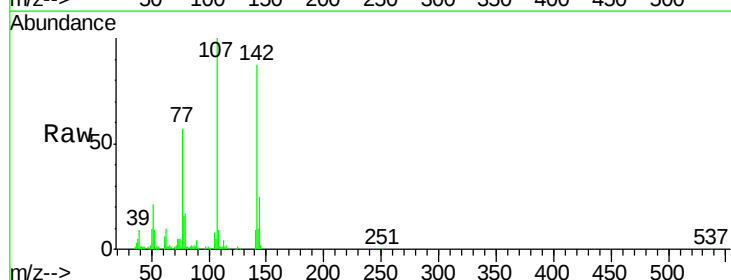
Tgt Ion:107 Resp: 120072

Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.4

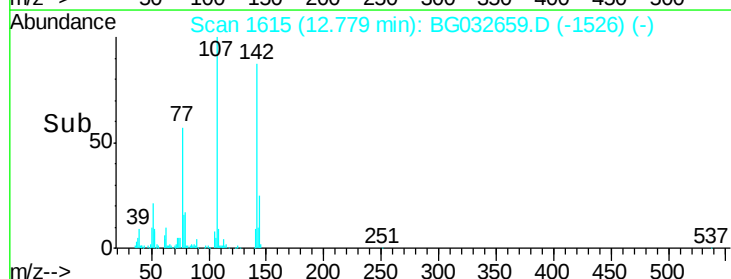
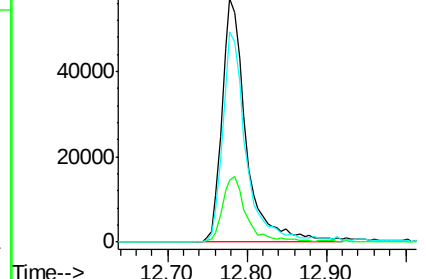
142 86.6 59.0 88.4

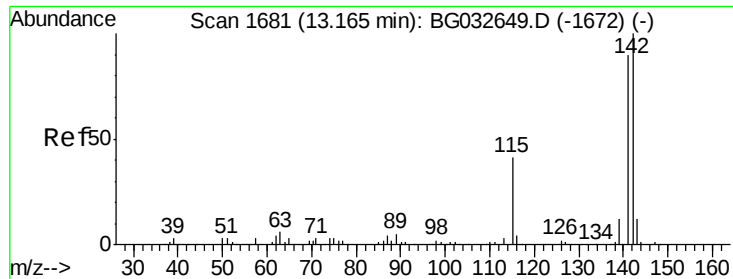


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





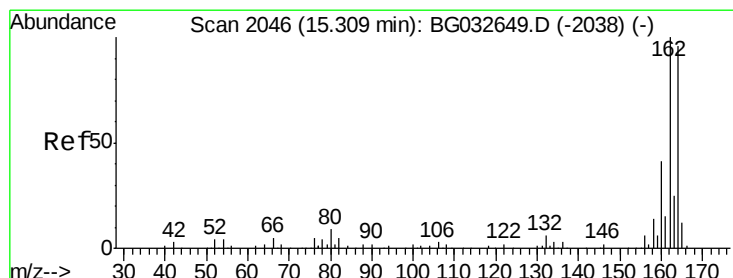
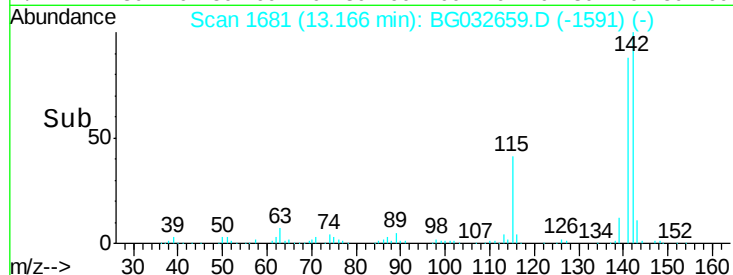
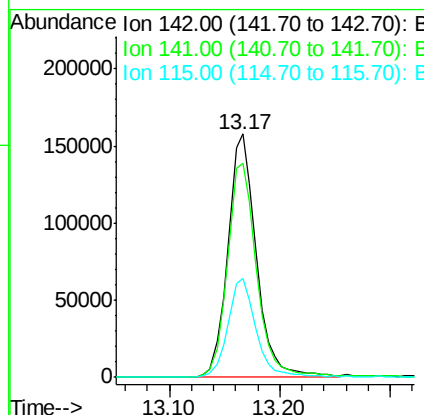
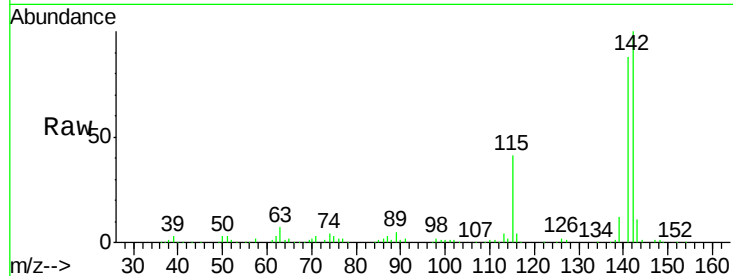
#37
2-Methylnaphthalene
Concen: 45.792 ng
RT: 13.17 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	67.1	100.7
115	40.6	30.7	46.1

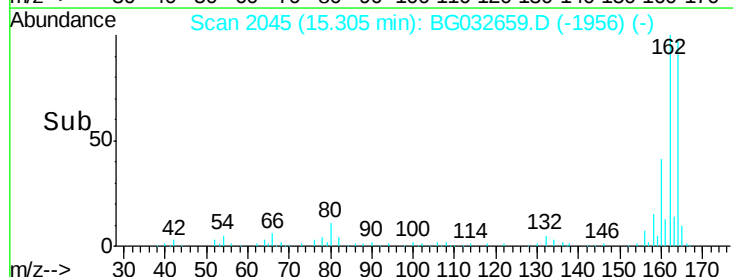
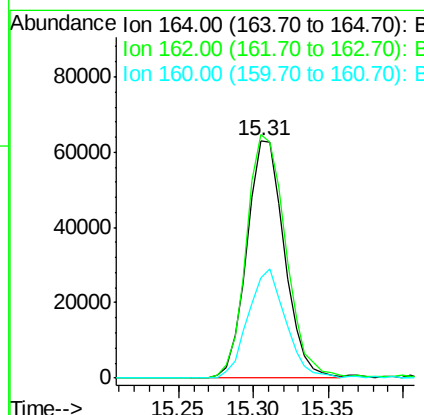
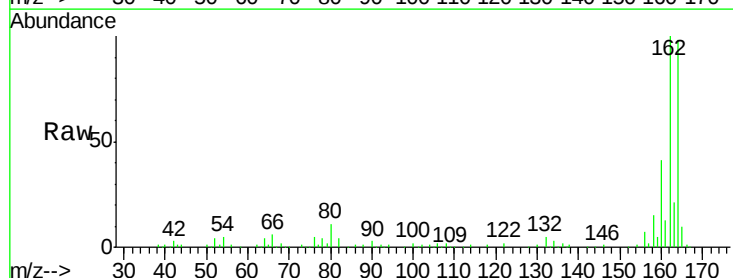
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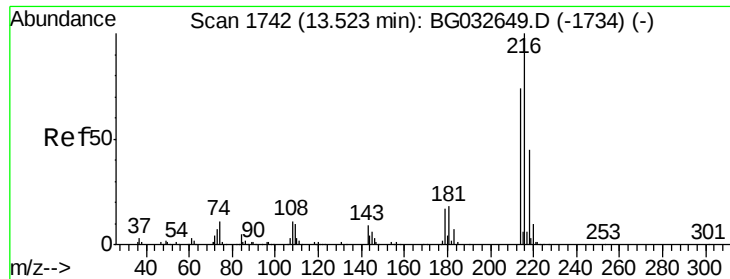
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	42.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.547 ng

RT: 13.52 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

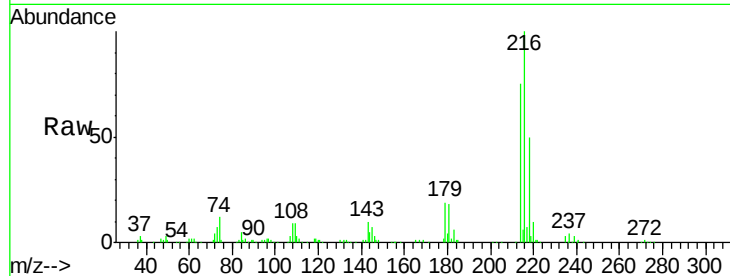
ClientSampleId :

WAVE-1MSD

Tot Ion:	216	Resp:	225352
Ion Ratio		Lower	Upper
216	100		
214	76.1	63.0	94.4
179	18.3	17.0	25.6
108	13.0	12.8	19.2

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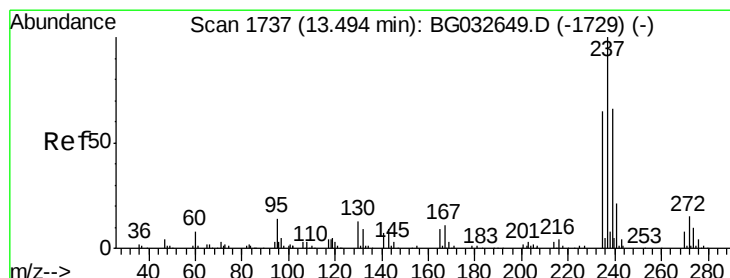
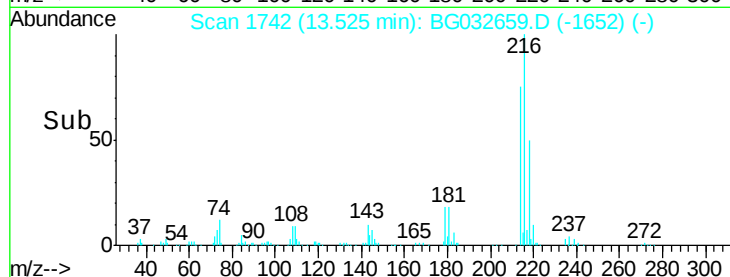
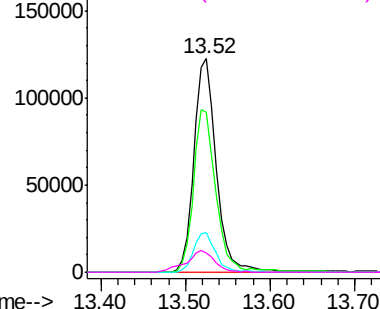


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.829 ng

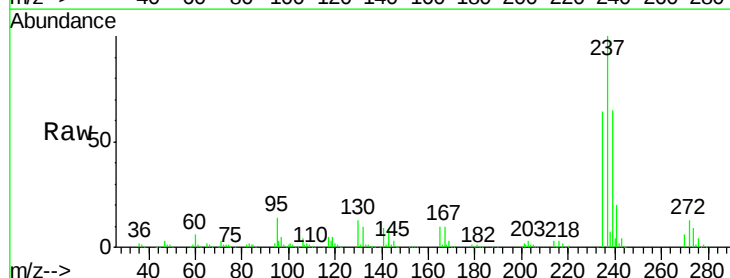
RT: 13.50 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

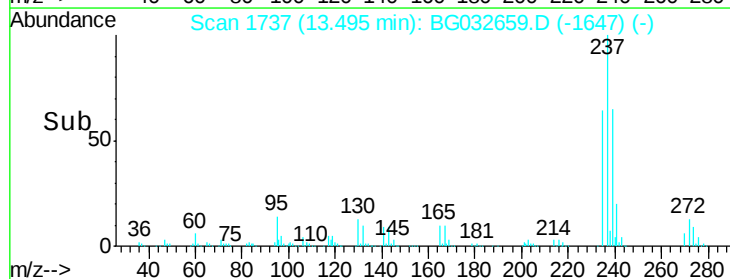
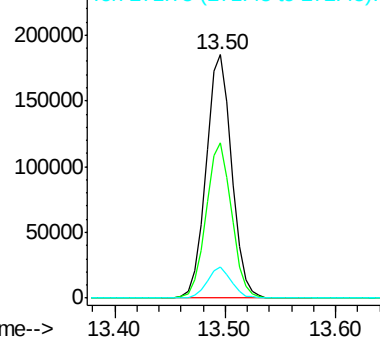
Tgt Ion:	237	Resp:	300730
Ion Ratio		Lower	Upper
237	100		
235	64.0	50.4	90.4
272	12.7	0.0	31.8

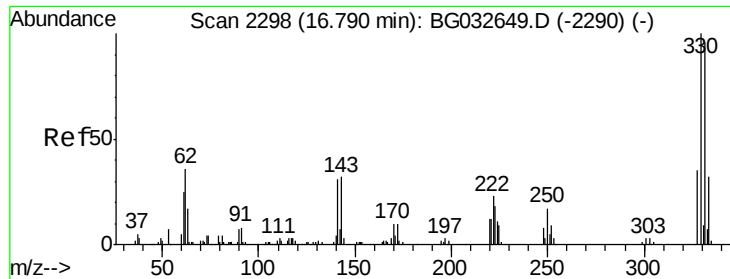


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





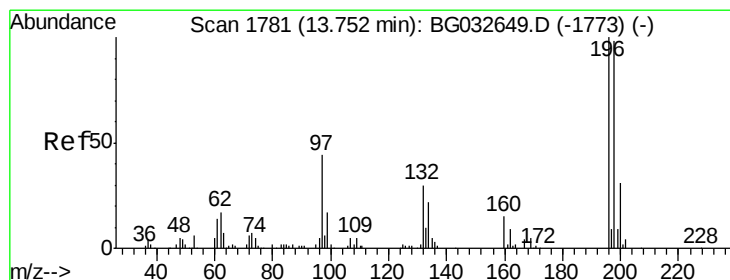
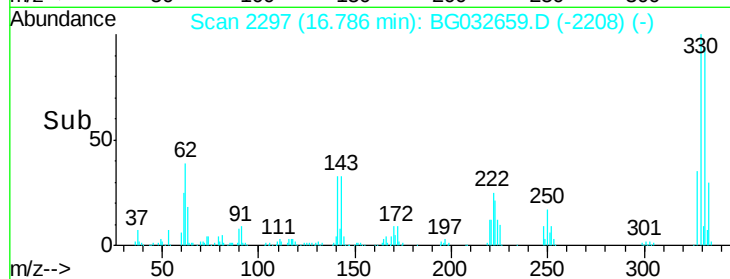
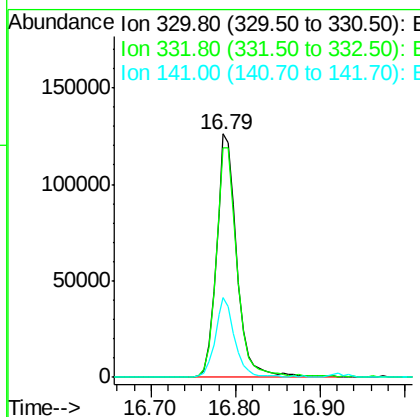
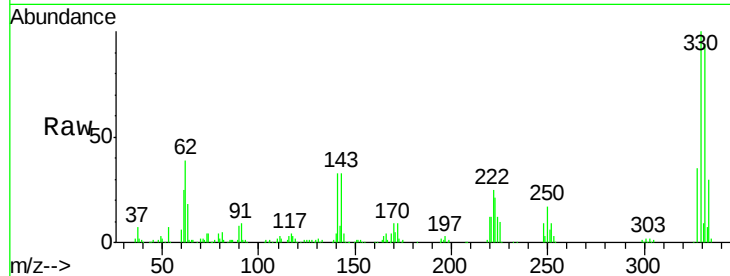
#41
 2,4,6-Tribromophenol
 Concen: 126.685 ng
 RT: 16.79 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	213728		
332	95.8	77.0	115.6	
141	31.6	25.2	37.8	

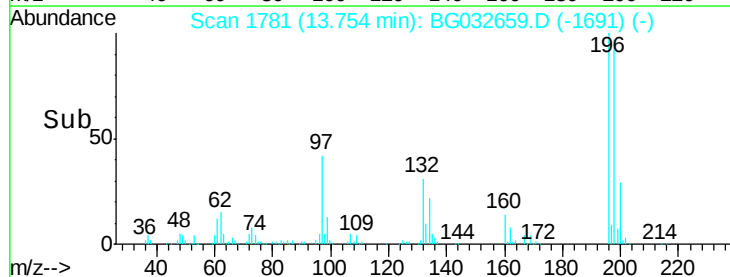
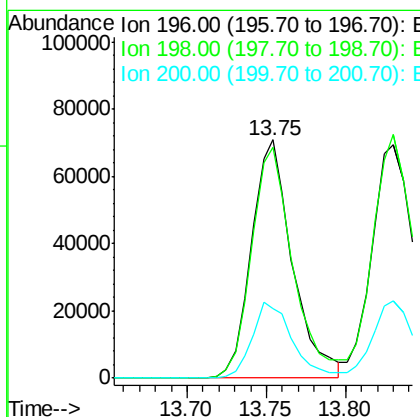
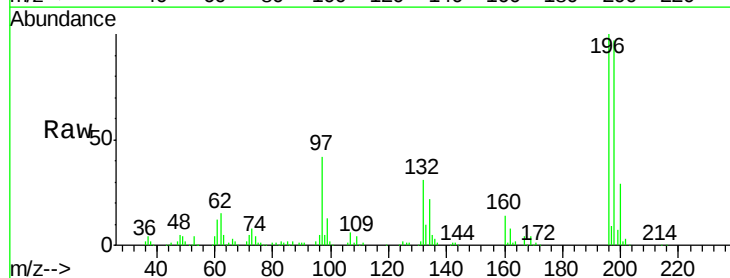
Manual Integrations
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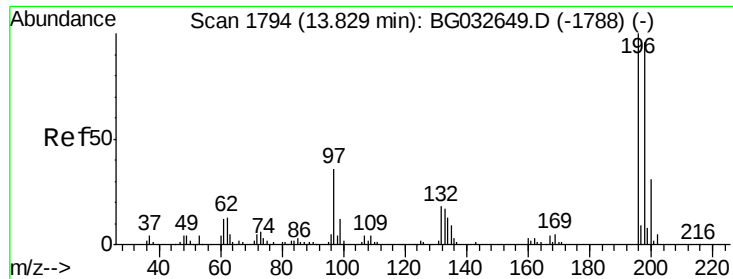
Sohil
 2/14/2018 10:31:05 AM



#42
 2,4,6-Trichlorophenol
 Concen: 49.030 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126637		
198	96.7	78.2	117.2	
200	29.2	24.6	36.8	





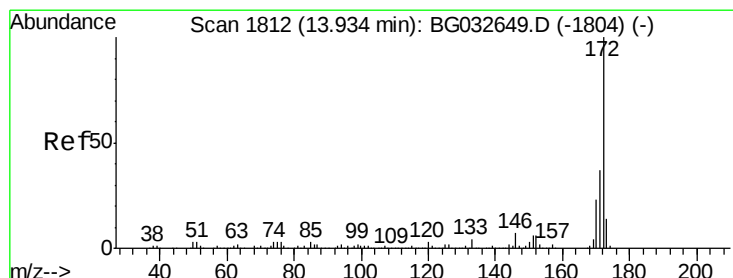
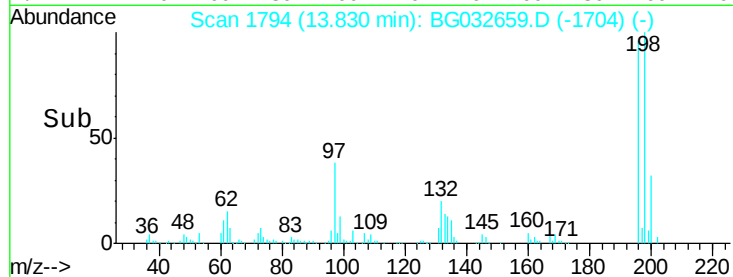
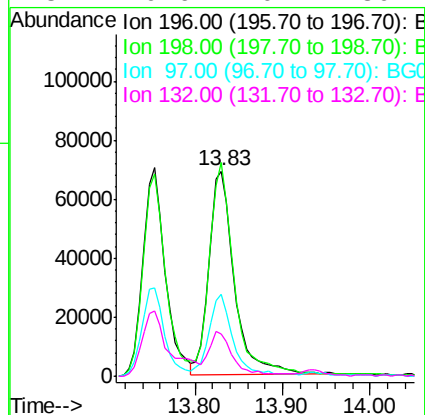
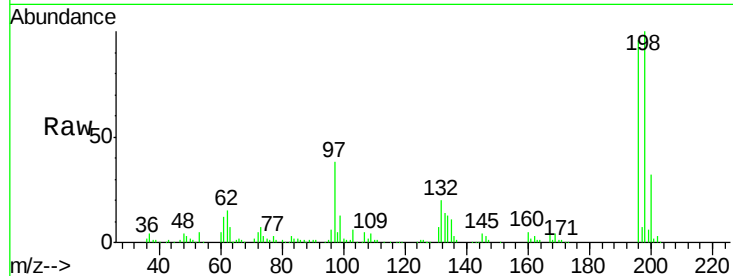
#43
 2,4,5-Trichlorophenol
 Concen: 43.797 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion:	196	Resp:	140972
Ion Ratio	Lower	Upper	
196	100		
198	104.3	76.2	114.4
97	39.7	38.7	58.1
132	20.6	20.2	30.2

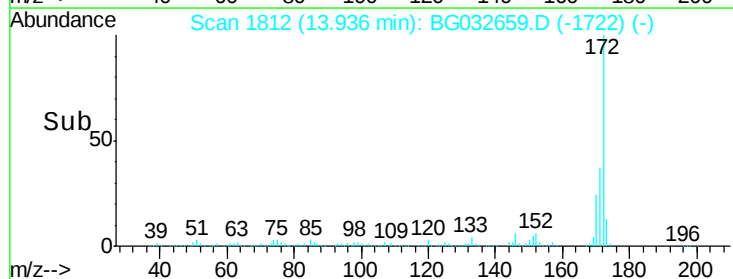
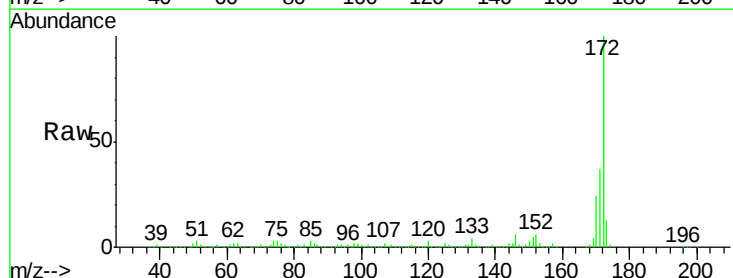
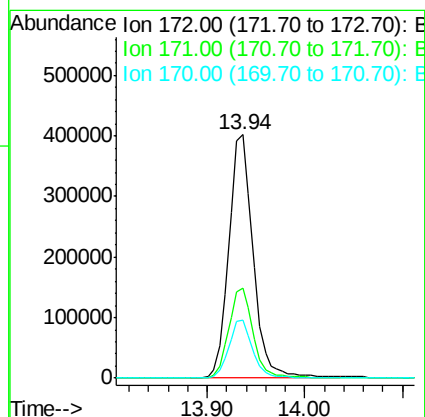
Manual Integrations
 APPROVED

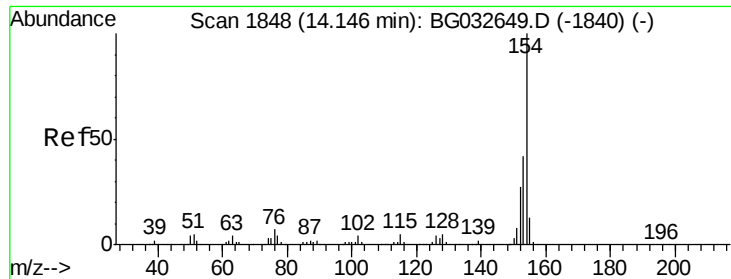
Sohil
 2/14/2018 10:31:05 AM



#44
 2-Fluorobiphenyl
 Concen: 79.621 ng
 RT: 13.94 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion:	172	Resp:	697608
Ion Ratio	Lower	Upper	
172	100		
171	37.2	30.0	45.0
170	23.6	19.5	29.3





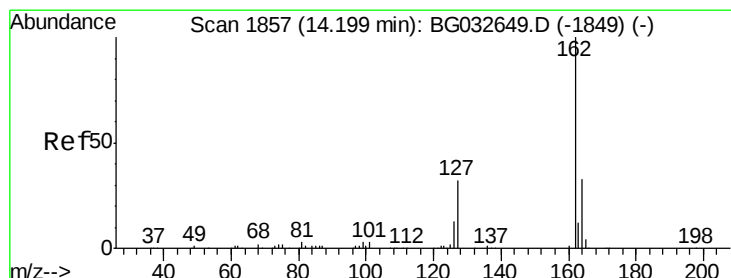
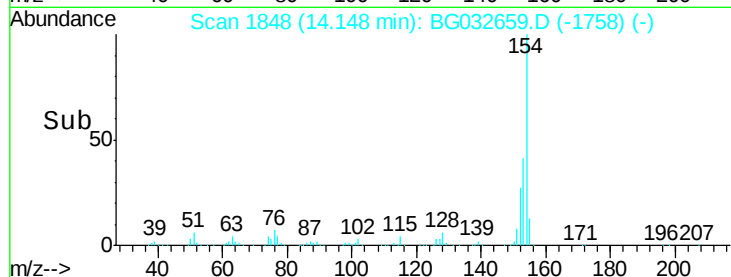
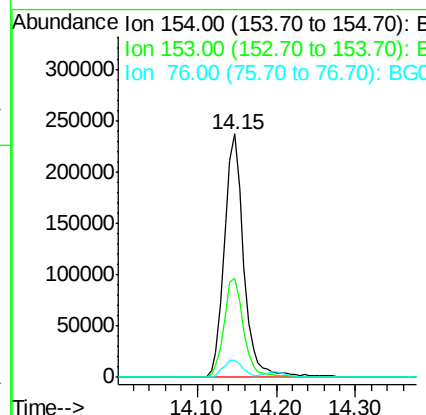
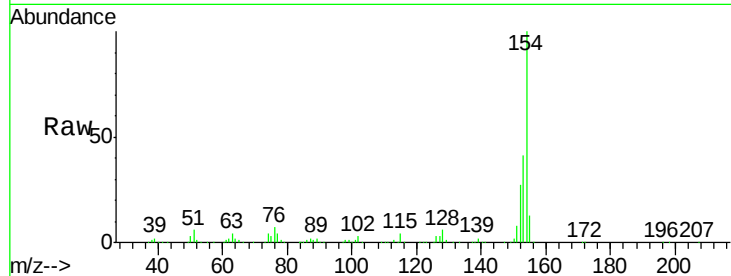
#45
 1,1'-Biphenyl
 Concen: 44.642 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	6.9	0.0	31.9

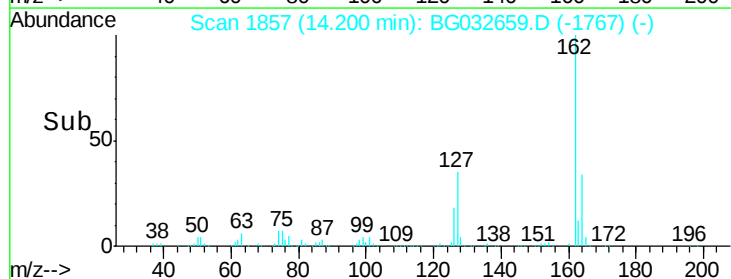
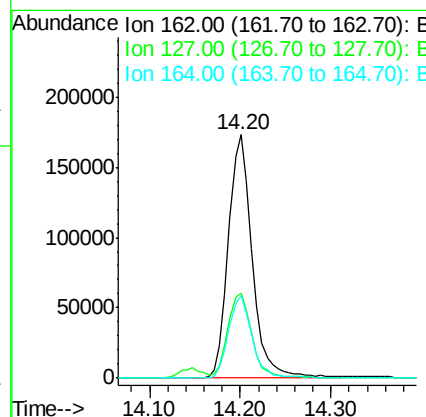
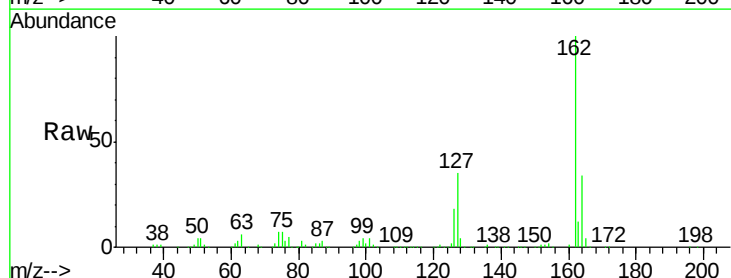
Manual Integrations
 APPROVED

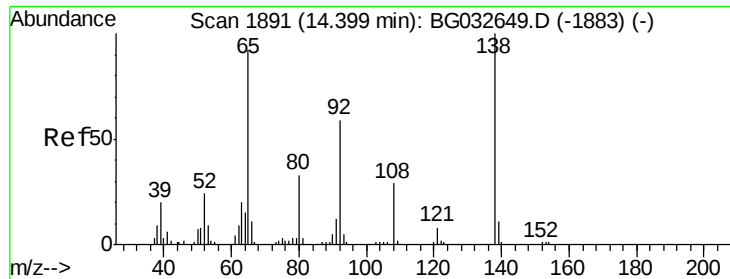
Sohil
 2/14/2018 10:31:05 AM



#46
 2-Chloronaphthalene
 Concen: 44.558 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.7	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 46.787 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

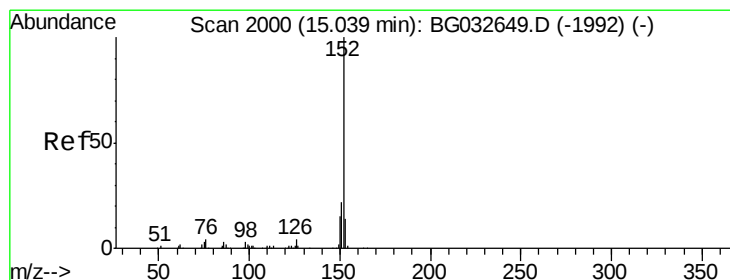
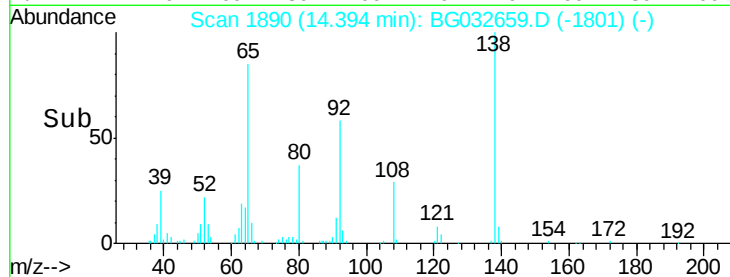
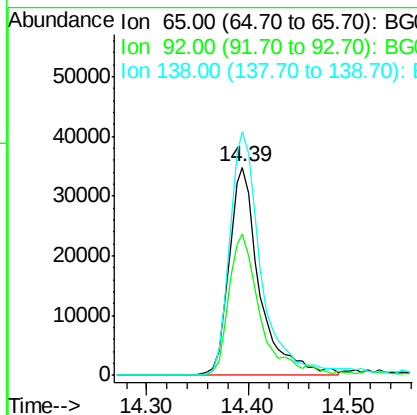
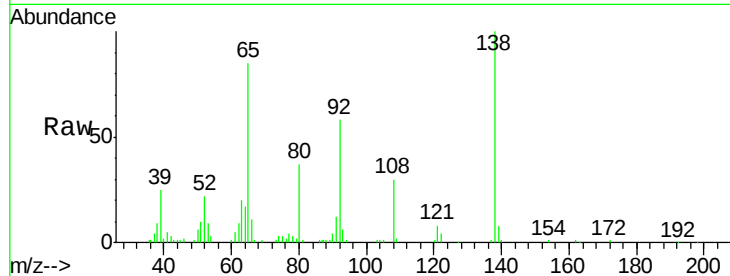
ClientSampled :

WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.6	82.0
138	117.0	72.9	109.3

Manual Integrations
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Sohil
2/14/2018 10:31:05 AM



#48

Acenaphthylene

Concen: 44.186 ng

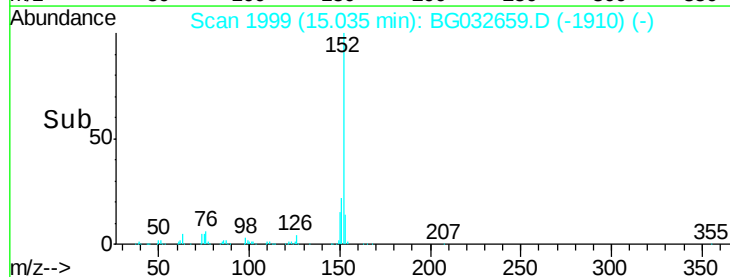
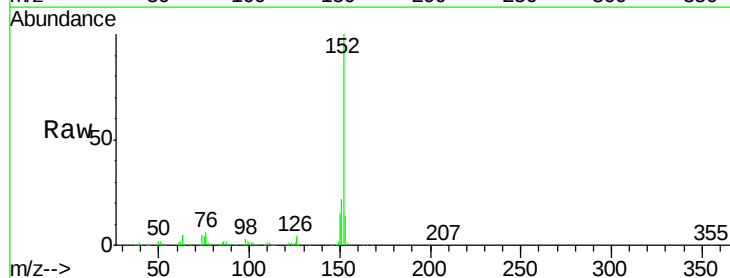
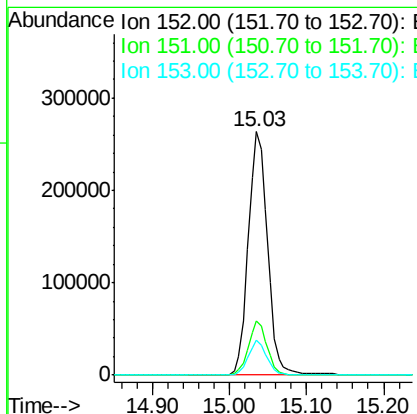
RT: 15.03 min Scan# 1999

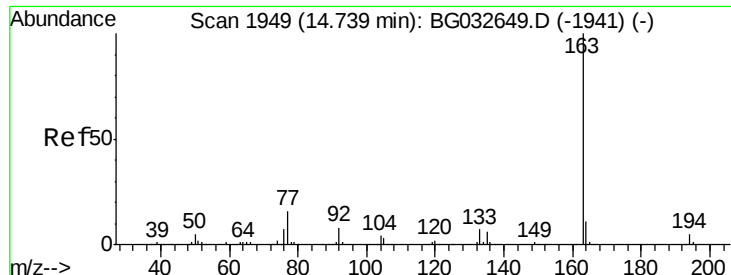
Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.1	10.2	15.4





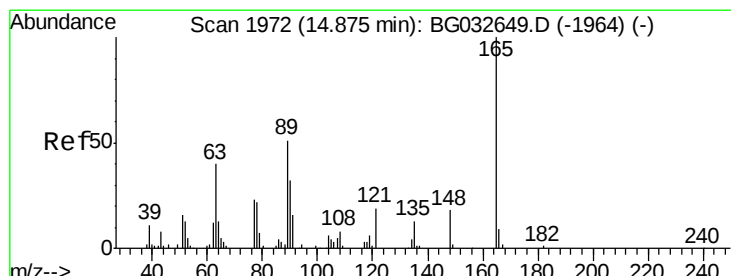
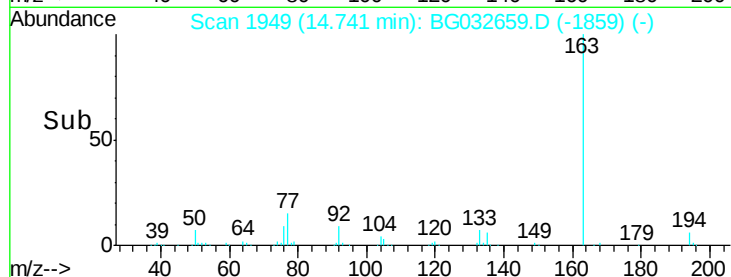
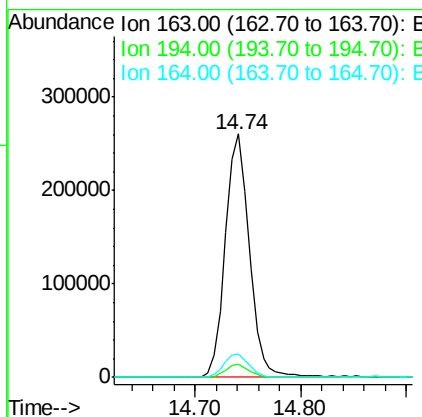
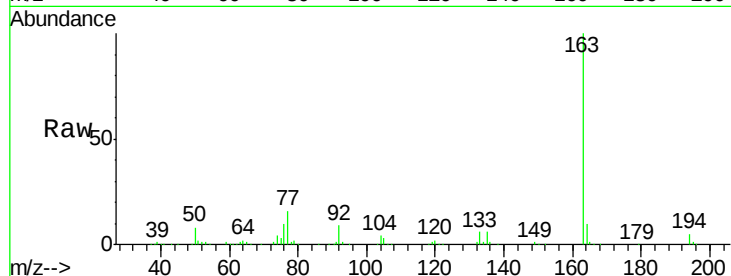
#49
Dimethylphthalate
Concen: 43.492 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		411912		
194	5.5	3.4	5.2#		
164	9.8	8.2	12.4		

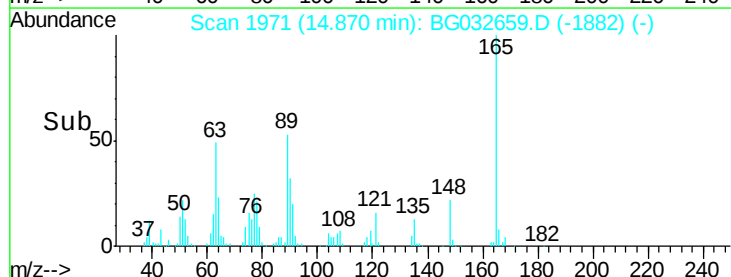
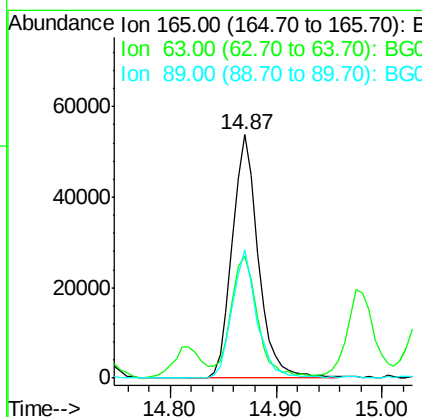
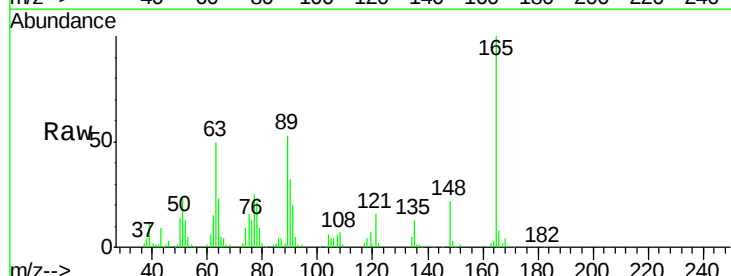
Manual Integrations
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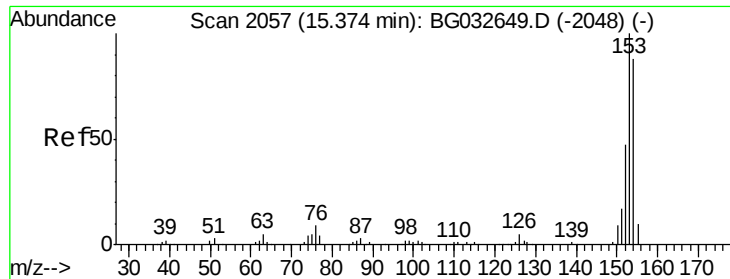
Sohil
2/14/2018 10:31:05 AM



#50
2,6-Dinitrotoluene
Concen: 46.918 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		91513		
63	49.9	52.7	79.1#		
89	52.8	49.2	73.8		





#51

Acenaphthene

Concen: 43.871 ng

RT: 15.37 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

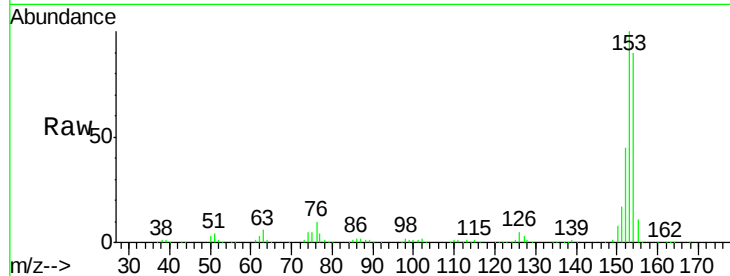
ClientSampled :

WAVE-1MSD

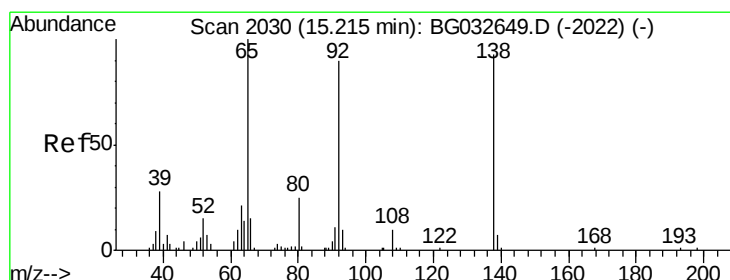
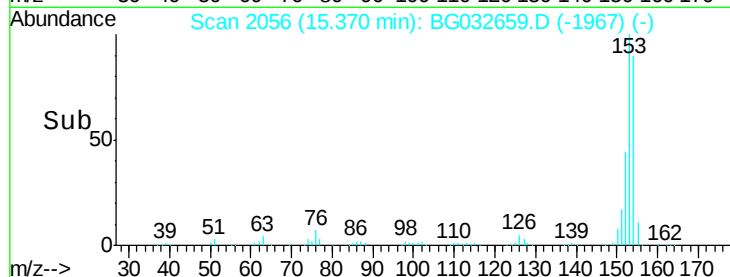
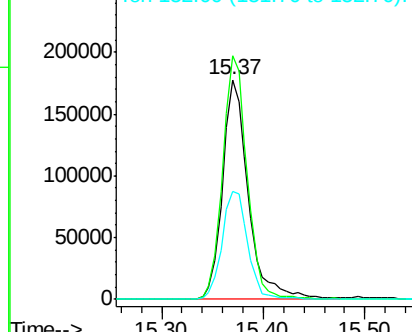
Tot Ion:	154	Resp:	314448
Ion Ratio	Lower	Upper	
154	100		
153	111.0	90.4	135.6
152	49.4	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.185 ng

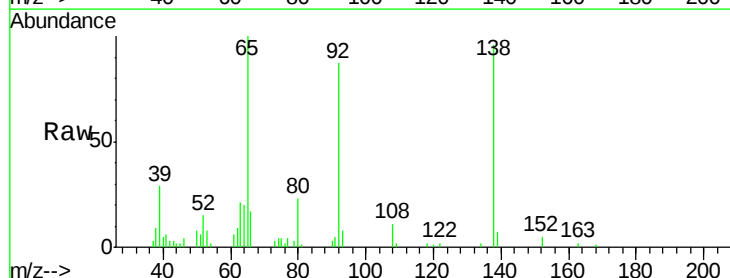
RT: 15.21 min Scan# 2028

Delta R.T. -0.01 min

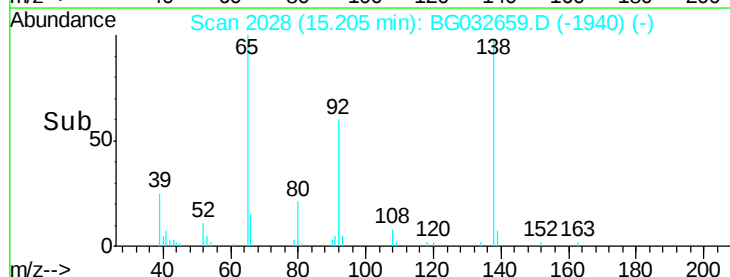
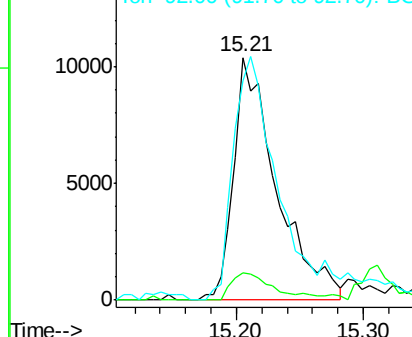
Lab File: BG032659.D

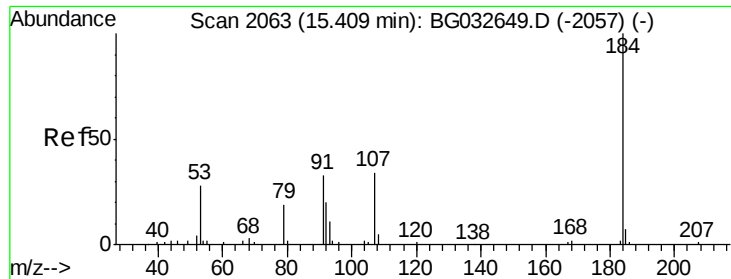
Acq: 13 Feb 2018 14:11

Tgt Ion:	138	Resp:	24433
Ion Ratio	Lower	Upper	
138	100		
108	11.3	17.5	26.3#
92	90.5	105.8	158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





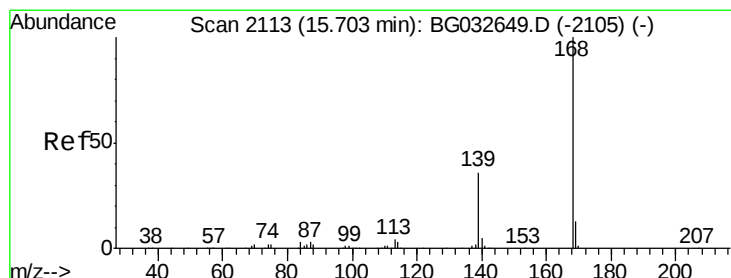
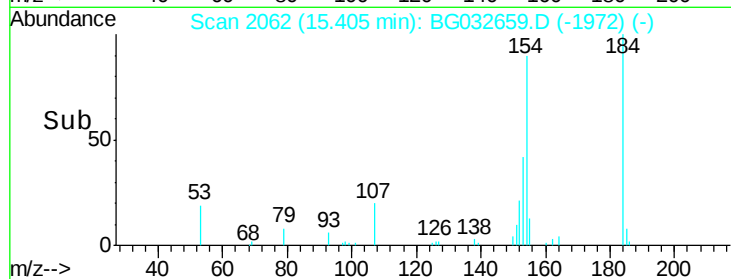
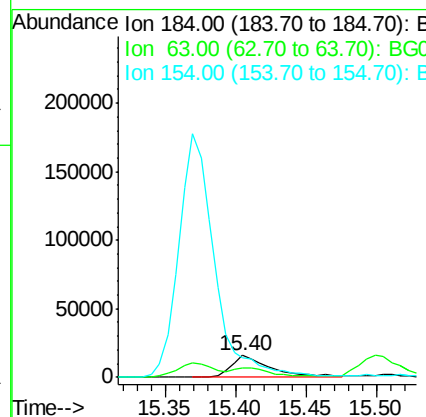
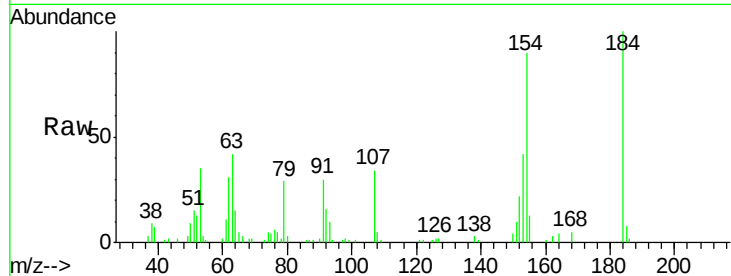
#53
2,4-Dinitrophenol
Concen: 36.822 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	42.5	59.8	89.8#
154	90.0	101.8	152.8#

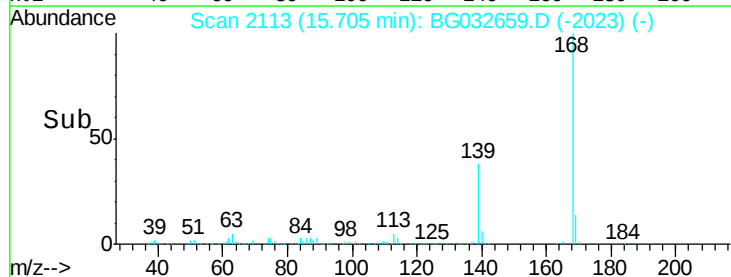
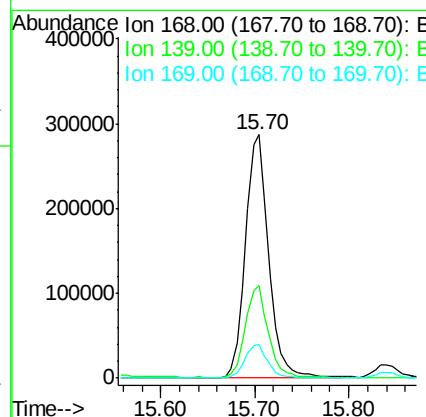
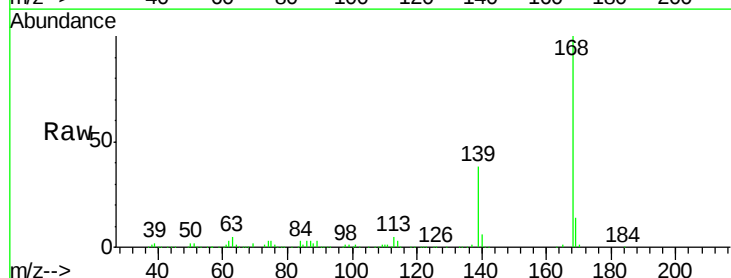
Manual Integrations
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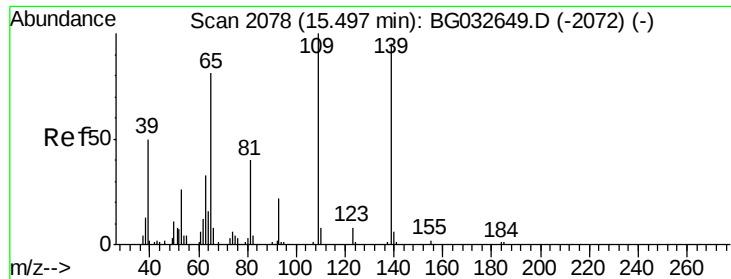
Sohil
2/14/2018 10:31:05 AM



#54
Dibenzofuran
Concen: 46.139 ng
RT: 15.70 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.6	43.0
169	13.6	11.2	16.8





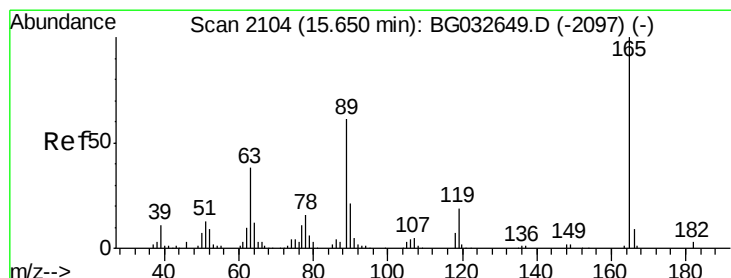
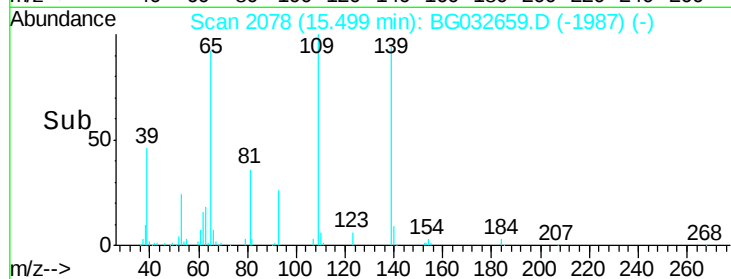
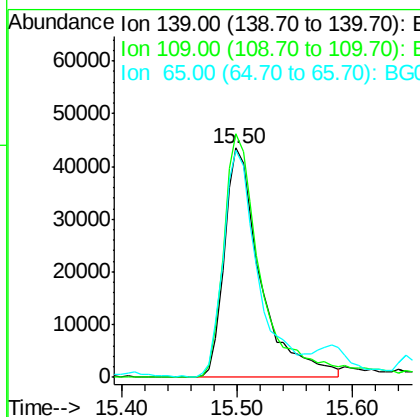
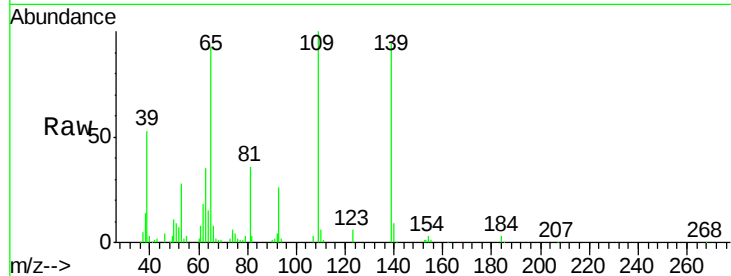
#55
4-Nitrophenol
Concen: 74.139 ng
RT: 15.50 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	106.3	62.2	102.2#
65	99.0	97.2	137.2

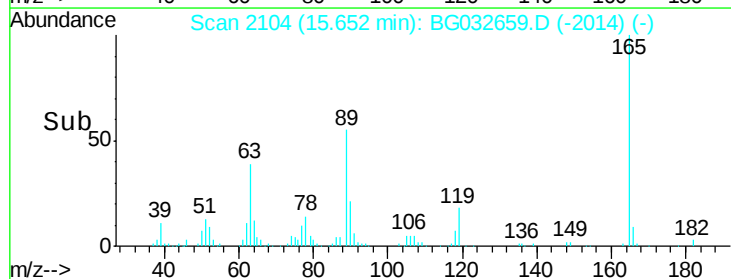
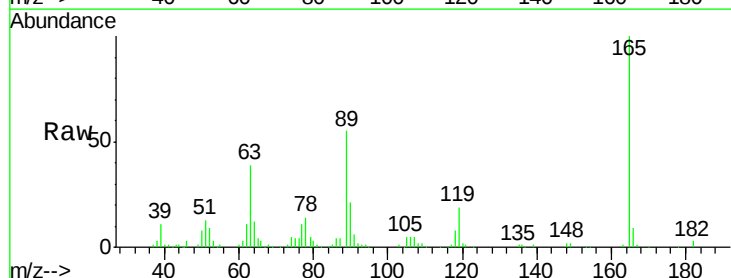
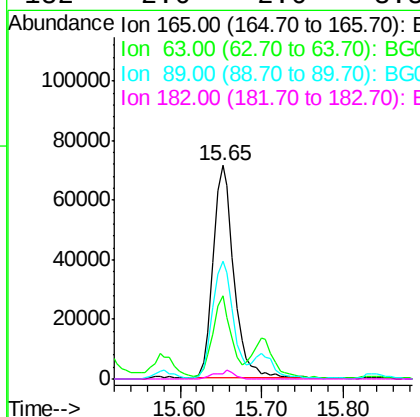
Manual Integrations
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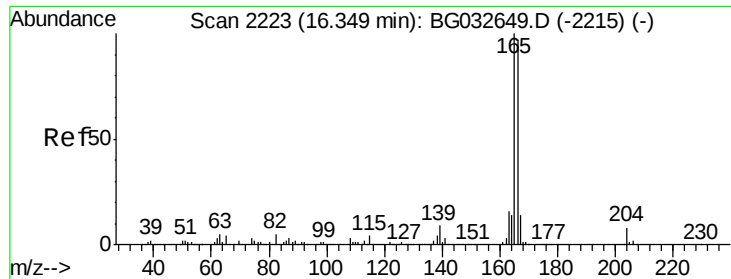
Sohil
2/14/2018 10:31:05 AM



#56
2,4-Dinitrotoluene
Concen: 47.467 ng
RT: 15.65 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	42.0	63.0#
89	55.3	66.9	100.3#
182	2.6	2.6	3.8#





#57

Fluorene

Concen: 44.995 ng

RT: 16.35 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

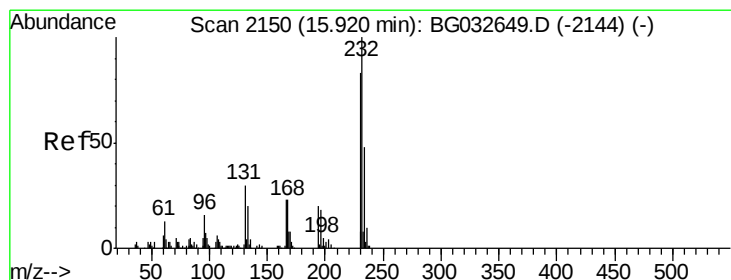
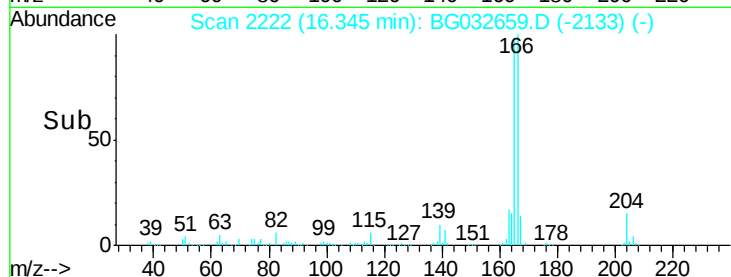
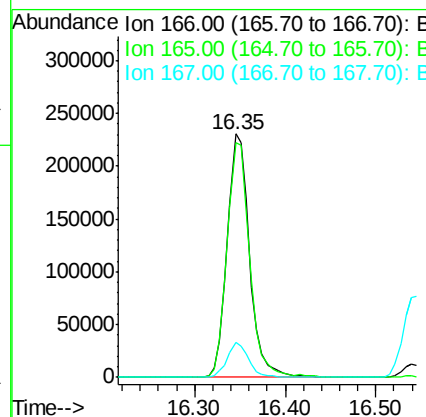
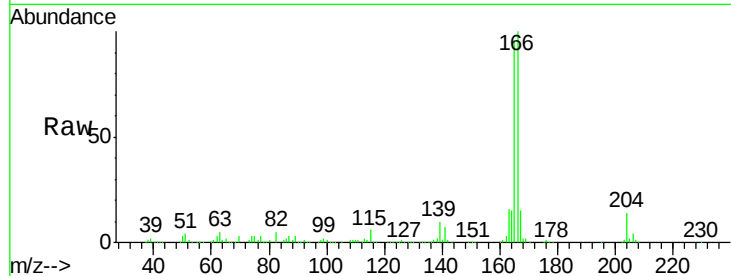
ClientSampleId :

WAVE-1MSD

Tot Ion:	166	Resp:	394599
Ion Ratio		Lower	Upper
166	100		
165	96.3	80.6	121.0
167	14.6	10.4	15.6

Manual Integrations
APPROVED

Sohil
2/14/2018 10:31:05 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.585 ng

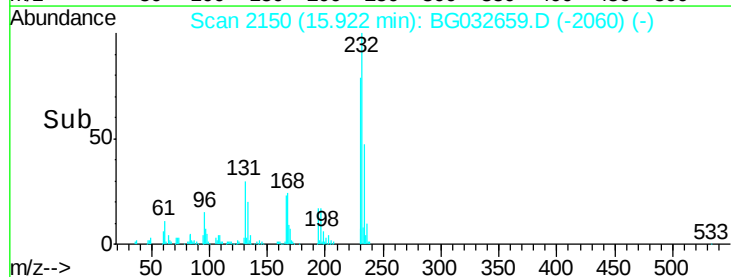
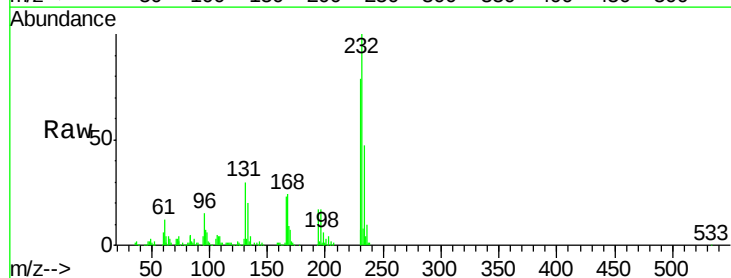
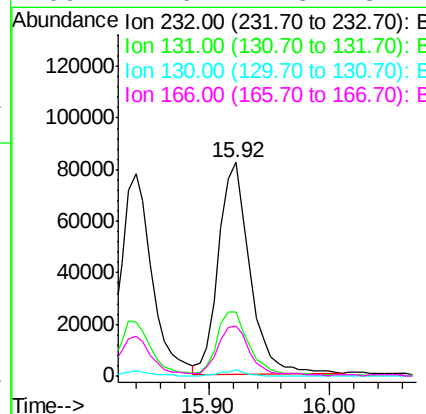
RT: 15.92 min Scan# 2150

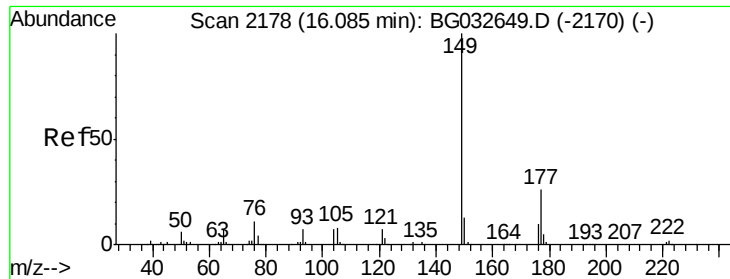
Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion:	232	Resp:	147235
Ion Ratio		Lower	Upper
232	100		
131	29.3	33.5	50.3#
130	2.0	2.2	3.2#
166	24.6	24.8	37.2#





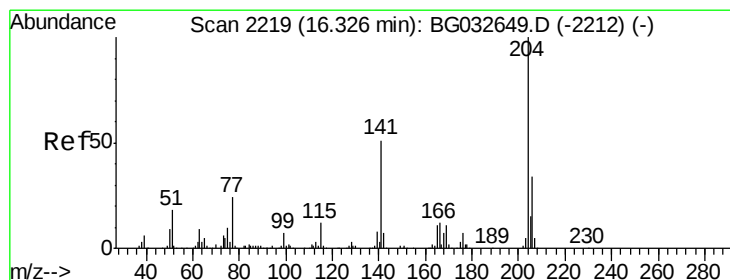
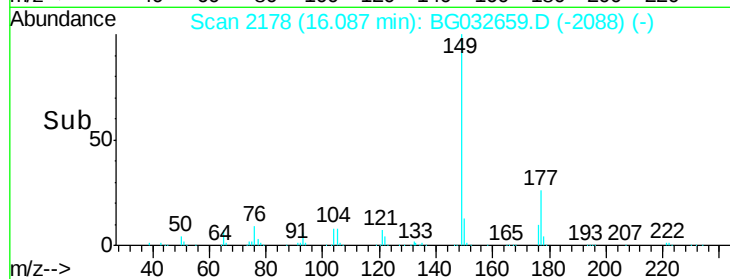
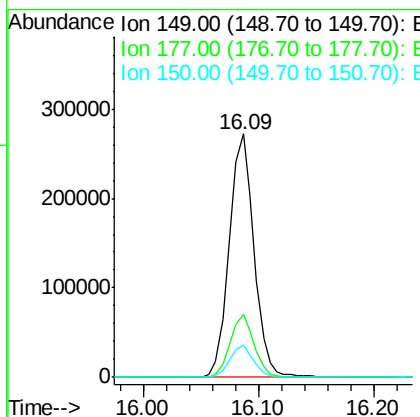
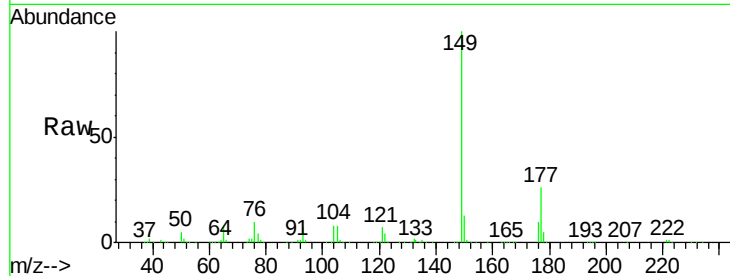
#59
Diethylphthalate
Concen: 43.879 ng
RT: 16.09 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	404362		
177	25.8	18.5	27.7	
150	13.4	10.2	15.2	

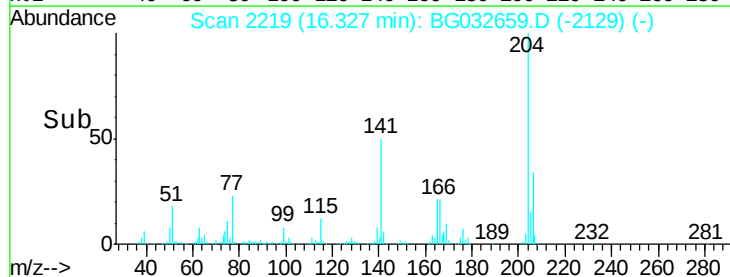
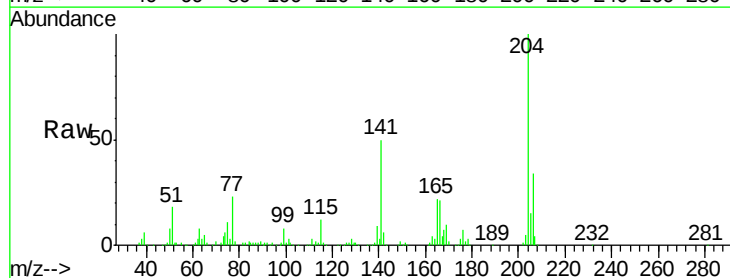
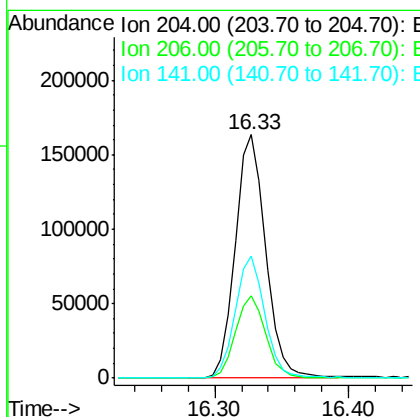
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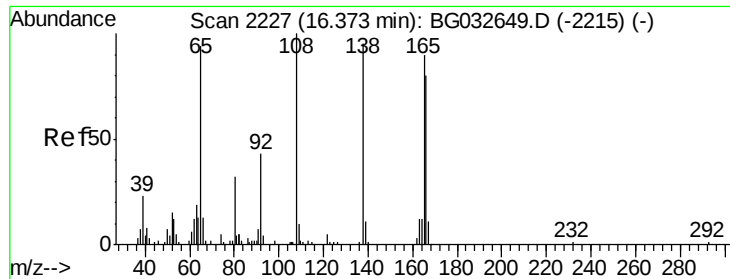
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.599 ng
RT: 16.33 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	258236		
206	34.1	26.2	39.2	
141	50.2	45.8	68.6	





#61

4-Nitroaniline

Concen: 34.427 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

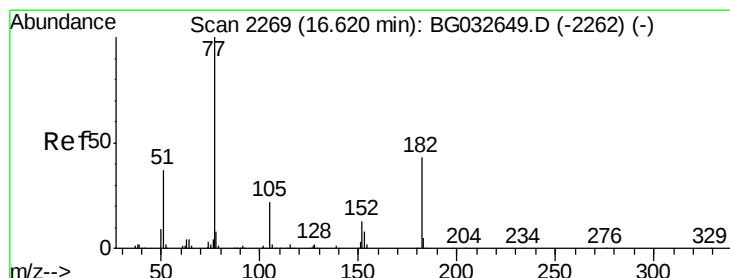
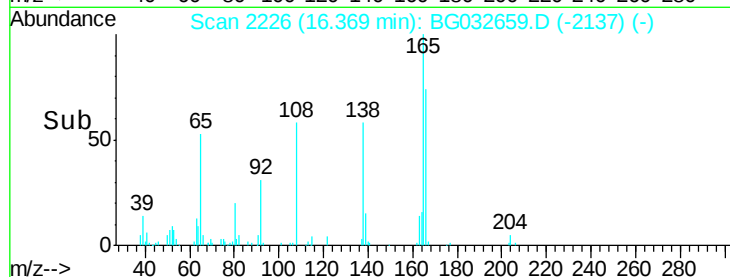
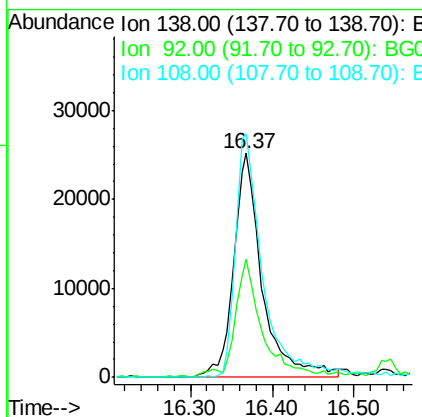
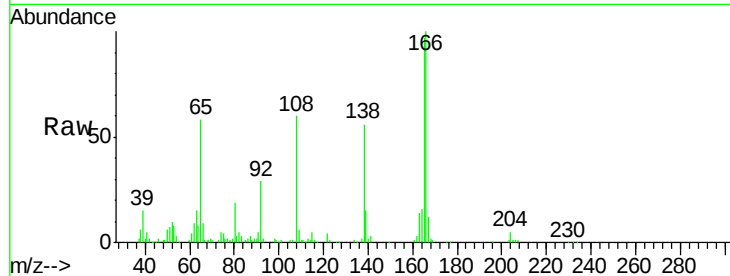
ClientSampleId :

WAVE-1MSD

Tot Ion:	138	Resp:	61138
Ion Ratio	Lower	Upper	
138	100		
92	52.6	40.1	80.1
108	108.5	65.4	105.4#

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#62

Azobenzene

Concen: 45.661 ng

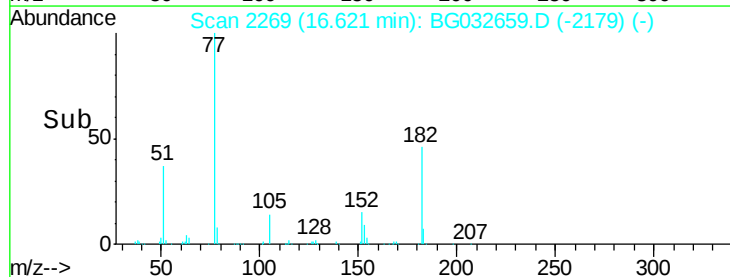
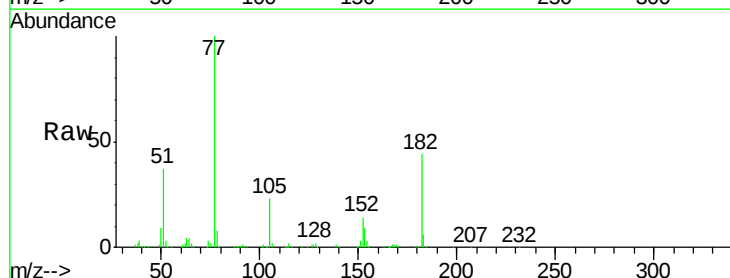
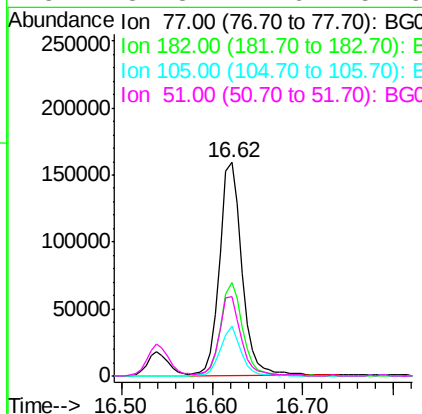
RT: 16.62 min Scan# 2269

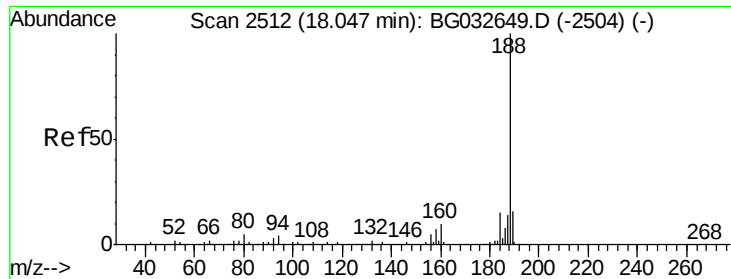
Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion:	77	Resp:	270343
Ion Ratio	Lower	Upper	
77	100		
182	43.7	7.4	47.4
105	23.4	0.3	40.3
51	37.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.04 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

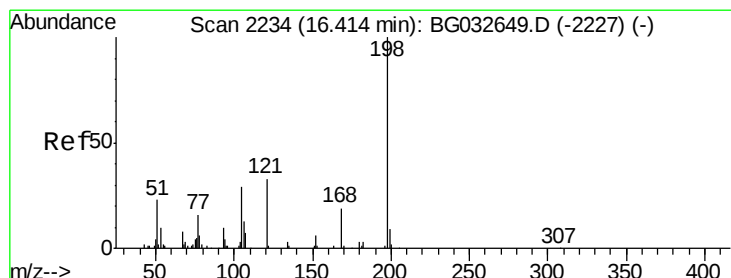
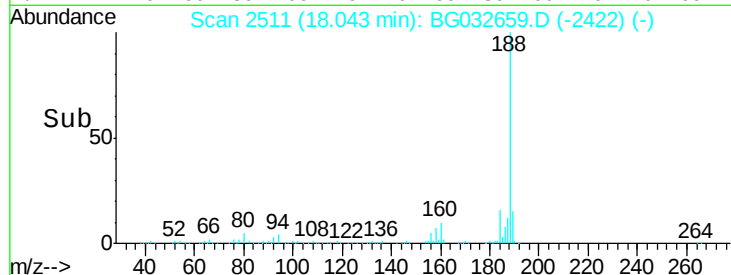
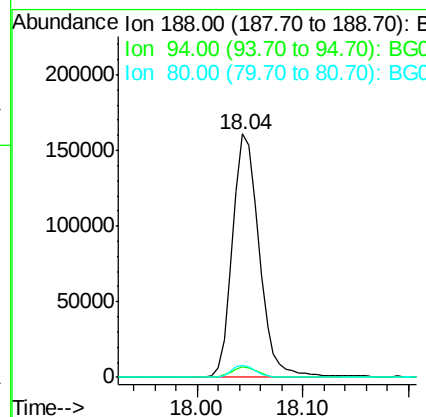
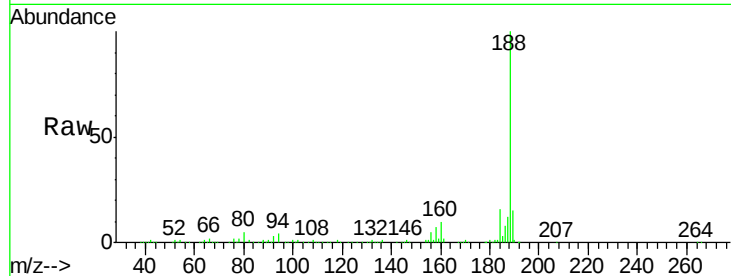
ClientSampleId :

WAVE-1MSD

Tot Ion:	188	Resp:	281374
Ion Ratio	Lower	Upper	
188	100		
94	4.4	6.9	10.3#
80	4.7	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 22.309 ng

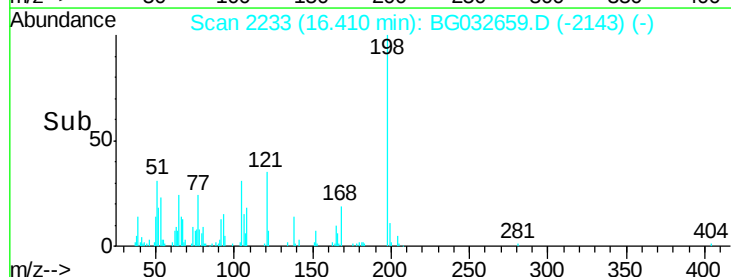
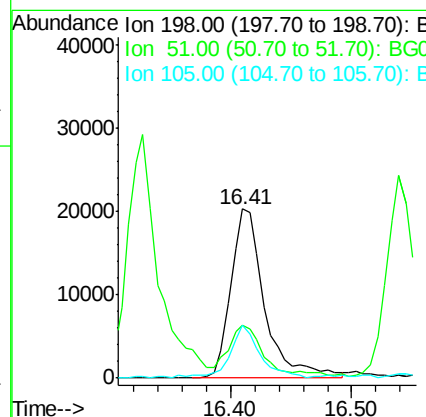
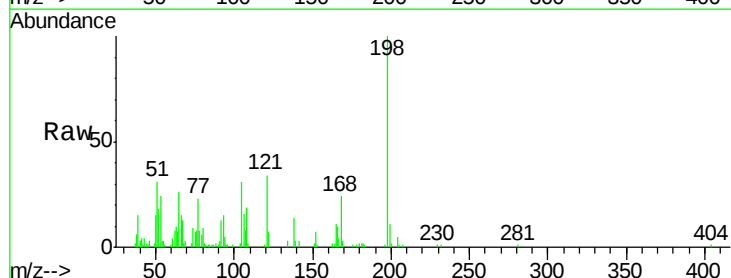
RT: 16.41 min Scan# 2233

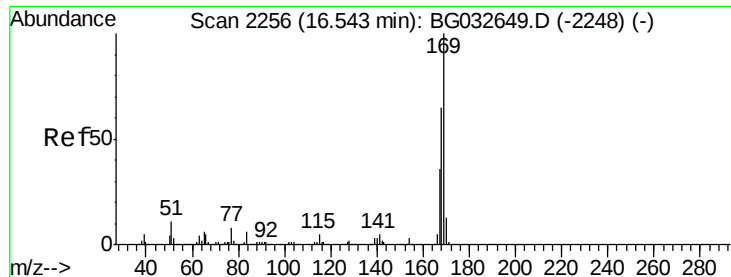
Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion:	198	Resp:	39513
Ion Ratio	Lower	Upper	
198	100		
51	31.0	30.6	70.6
105	31.3	23.8	63.8





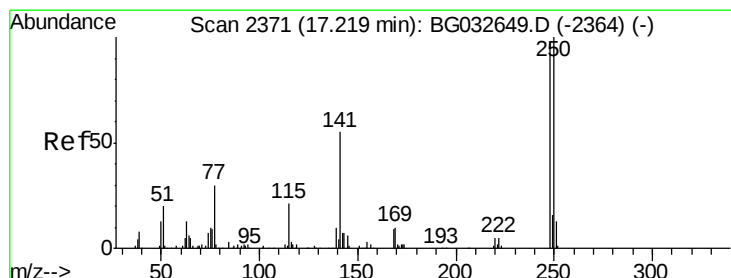
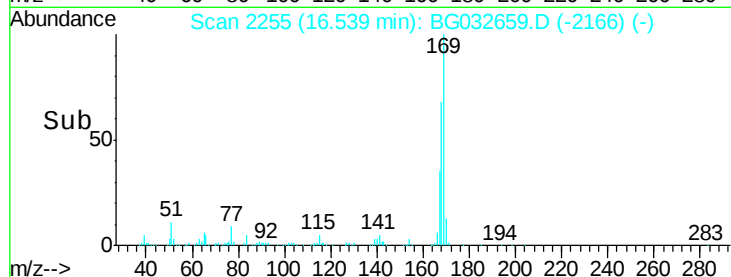
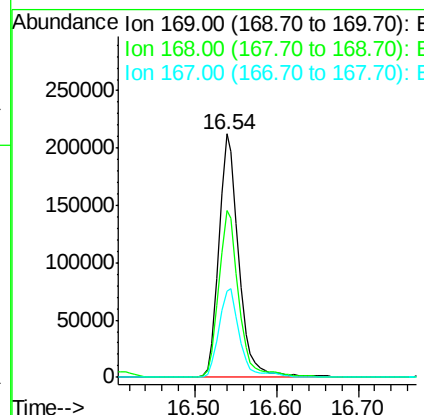
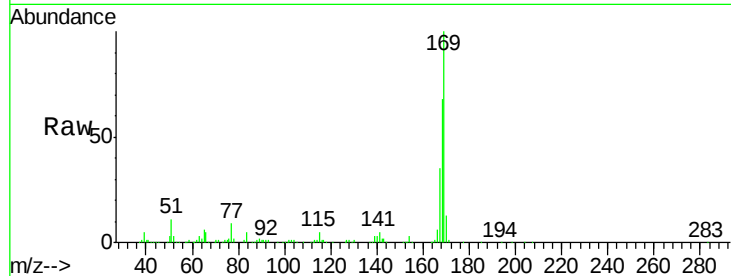
#65
n-Nitrosodiphenylamine
Concen: 43.597 ng
RT: 16.54 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		359773		
168	68.3	55.7		83.5	
167	35.5	30.1		45.1	

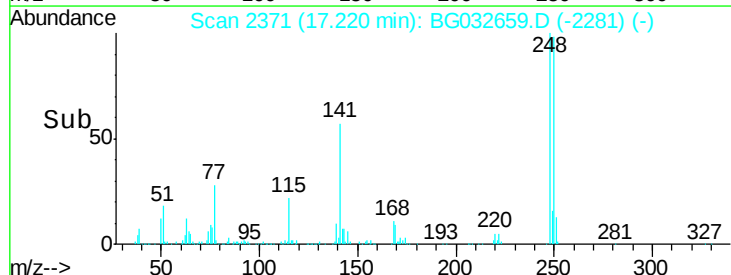
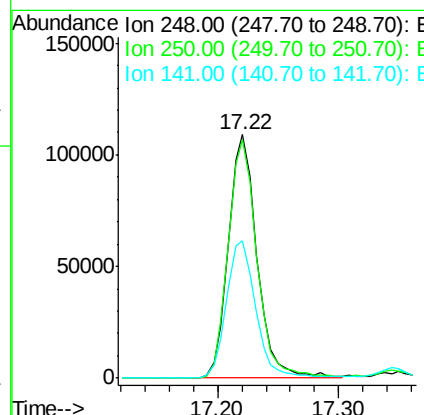
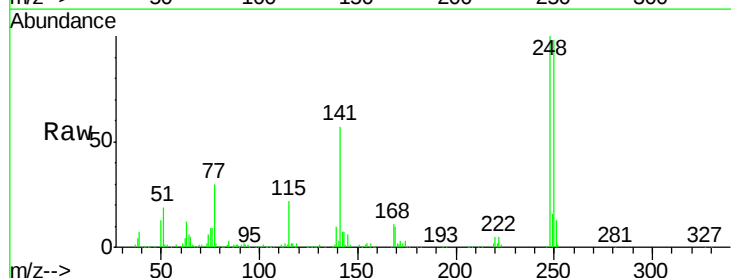
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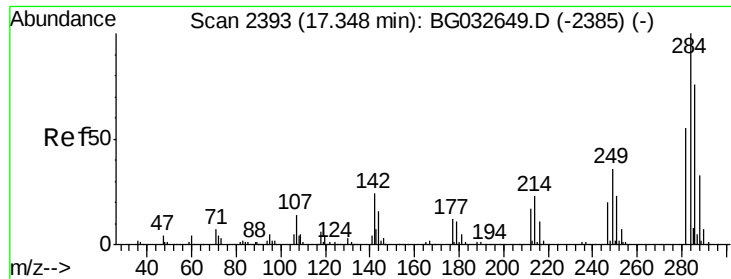
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#66
4-Bromophenyl-phenylether
Concen: 44.391 ng
RT: 17.22 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		178758		
250	97.9	77.1		115.7	
141	56.6	50.8		76.2	





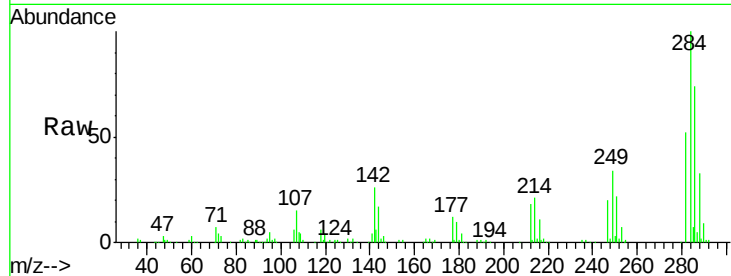
#67
Hexachlorobenzene
Concen: 42.521 ng
RT: 17.34 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

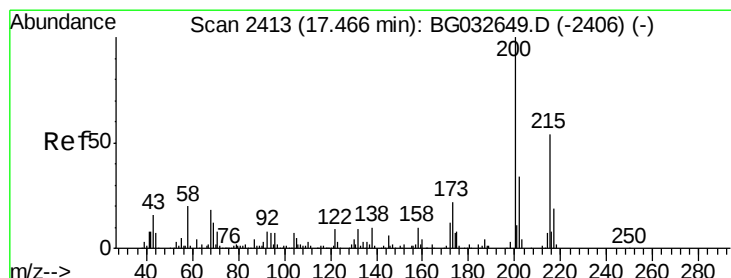
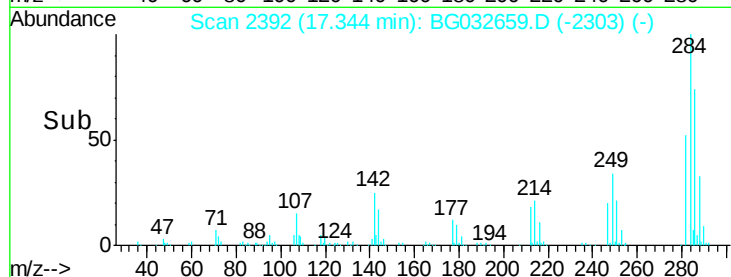
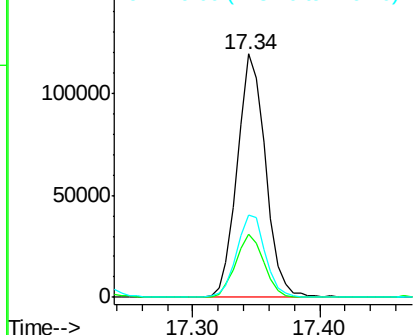
Tot Ion	Ratio	Resp	Lower	Upper
284	100	183904		
142	25.8	26.8	40.2	#
249	33.9	26.3	39.5	

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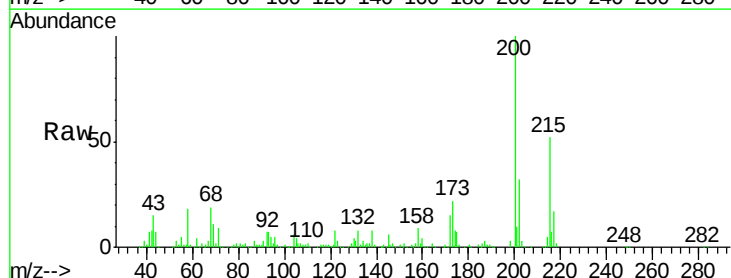


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

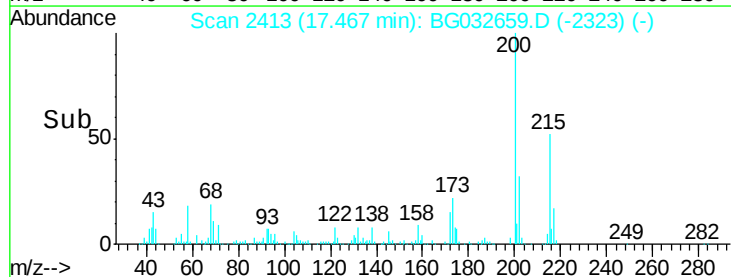
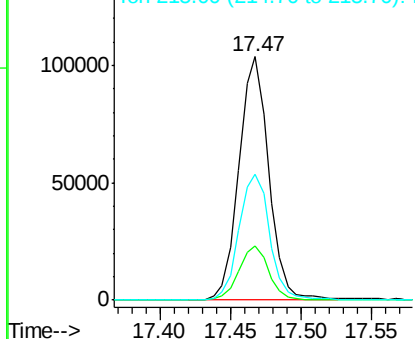


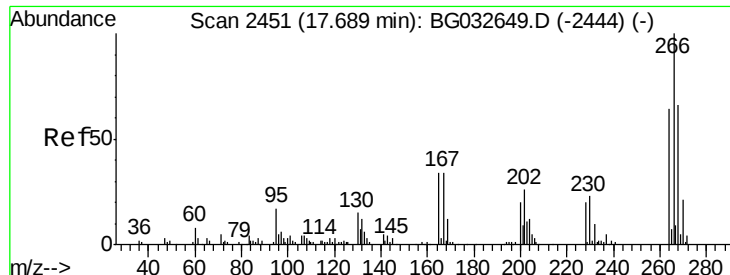
#68
Atrazine
Concen: 43.396 ng
RT: 17.47 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	153601		
173	22.0	5.2	45.2	
215	51.7	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





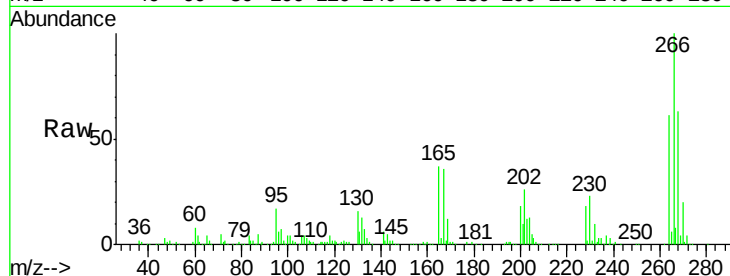
#69
 Pentachlorophenol
 Concen: 70.320 ng
 RT: 17.68 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

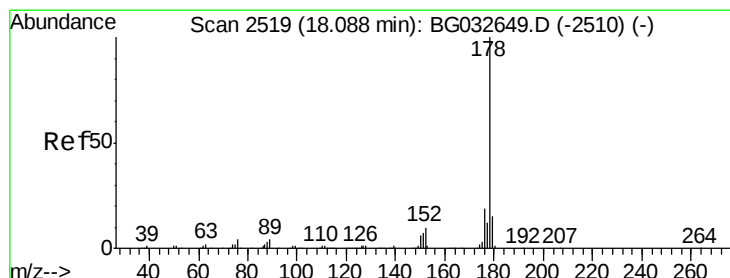
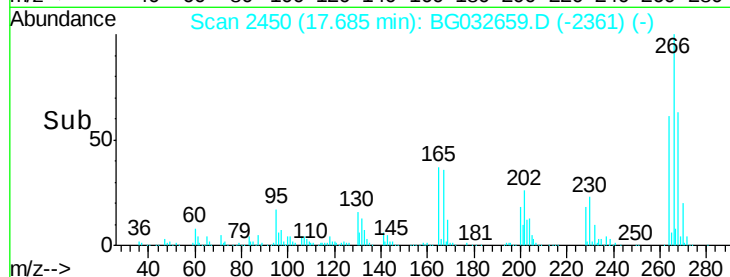
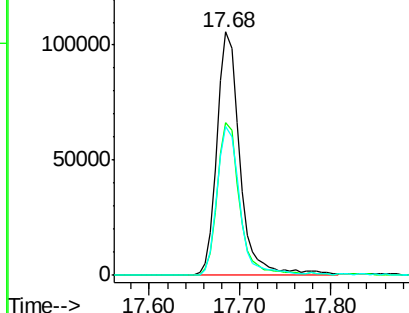
Tot Ion	Ratio	Resp	Lower	Upper
266	100	186192		
268	62.7	51.1	76.7	
264	61.1	49.6	74.4	

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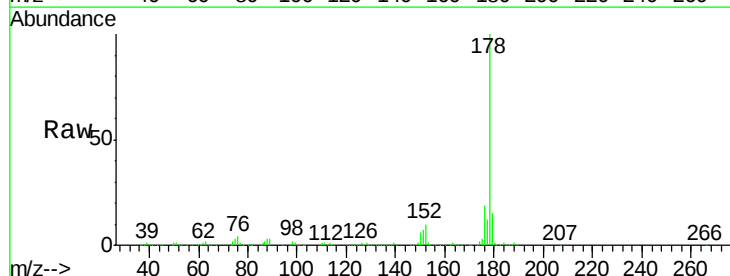


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

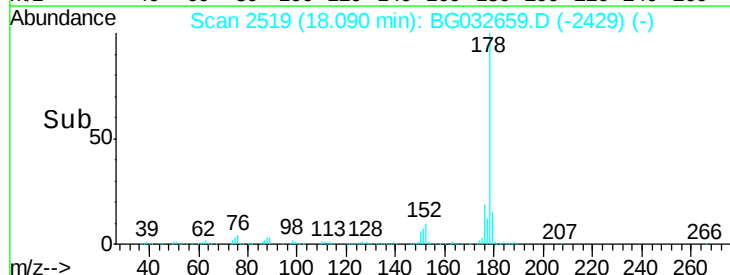
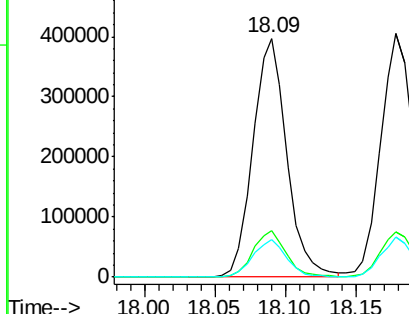


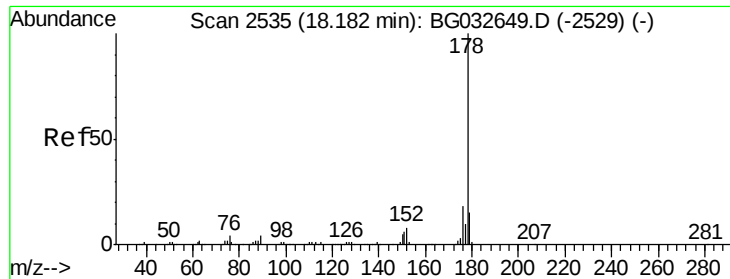
#70
 Phenanthrene
 Concen: 44.302 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	669618		
176	19.4	15.7	23.5	
179	15.5	12.5	18.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





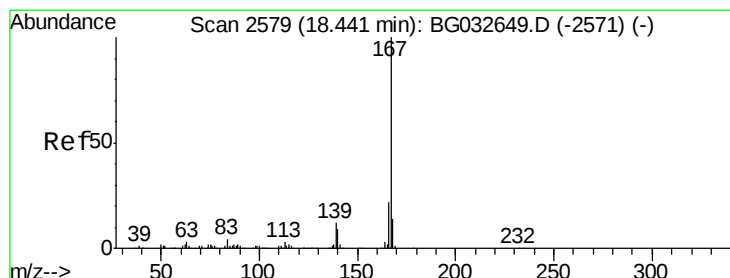
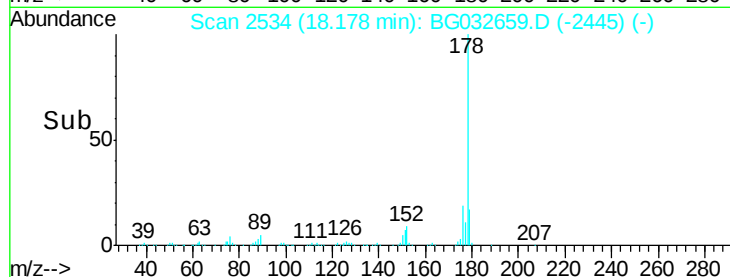
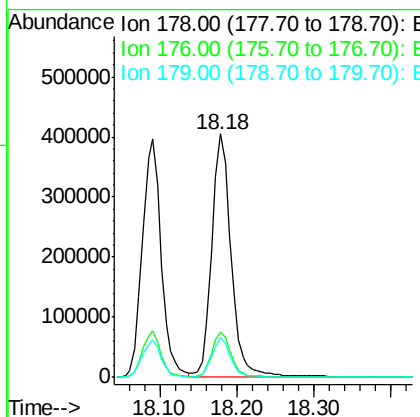
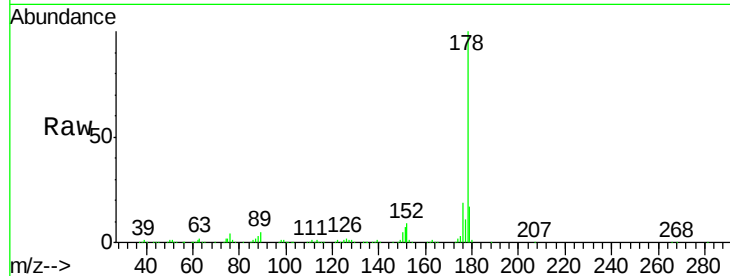
#71
 Anthracene
 Concen: 45.045 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		696640		
176	18.8	16.0	24.0		
179	16.6	12.5	18.7		

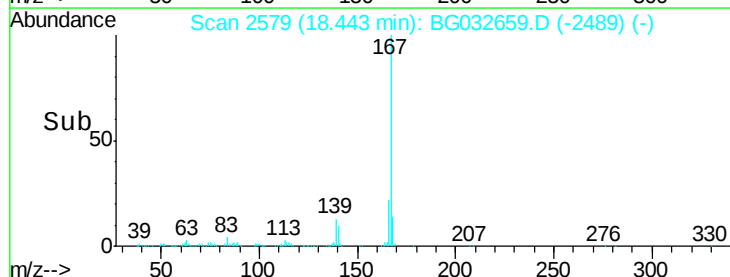
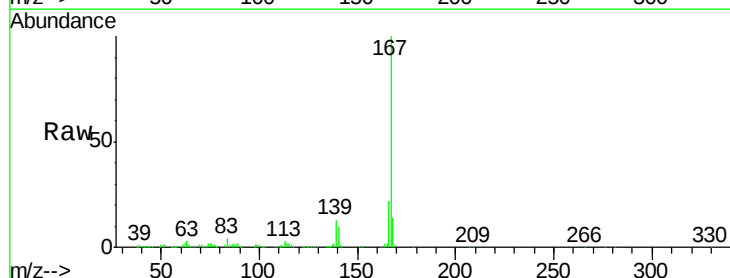
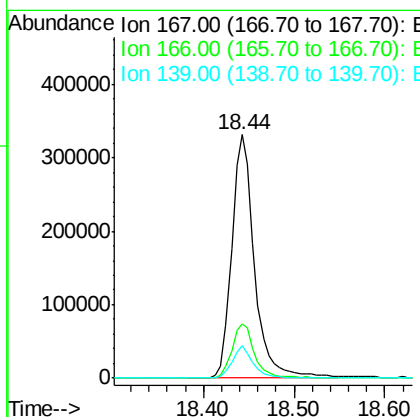
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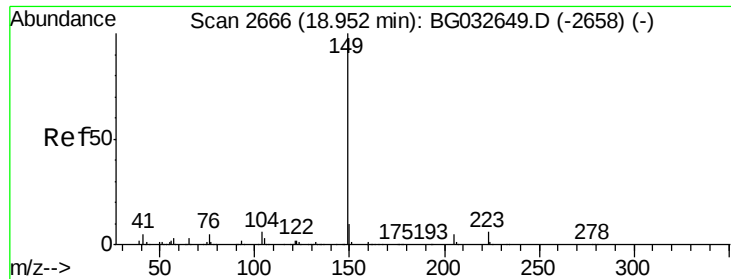
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#72
 Carbazole
 Concen: 43.977 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		579889		
166	22.0	18.2	27.4		
139	13.1	9.4	14.2		





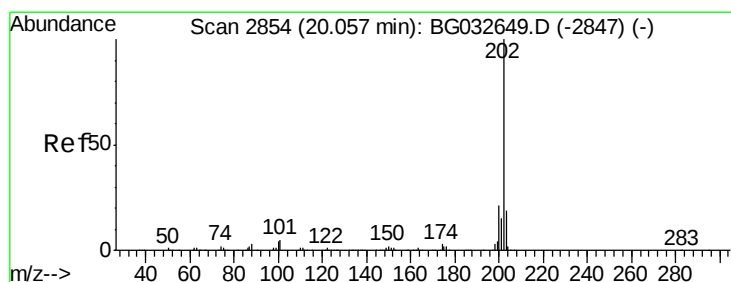
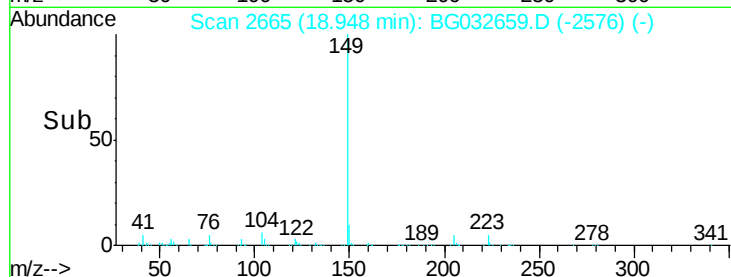
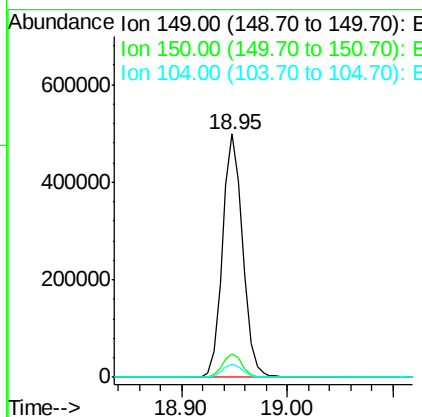
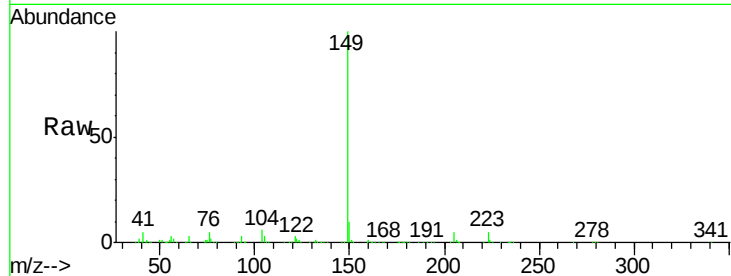
#73
Di-n-butylphthalate
Concen: 44.604 ng
RT: 18.95 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	662239		
150	9.6		7.8	11.6
104	5.5		3.9	5.9

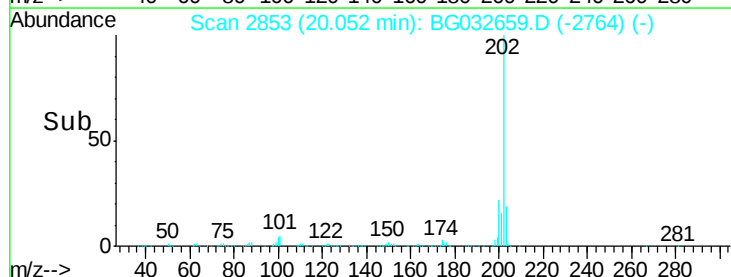
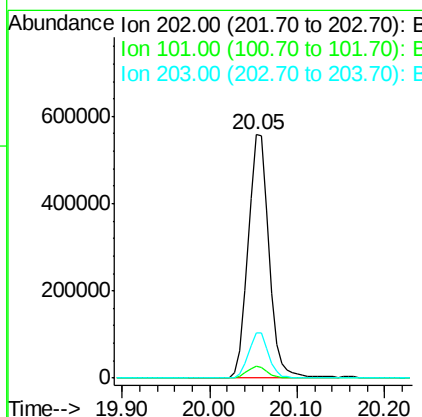
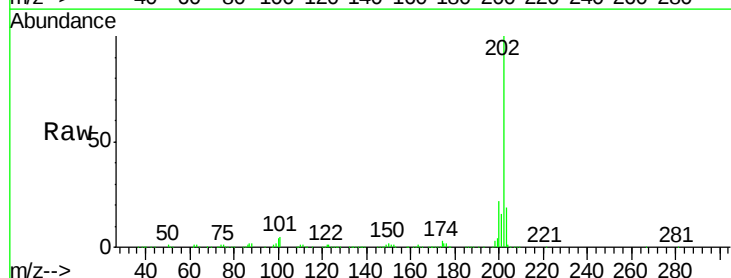
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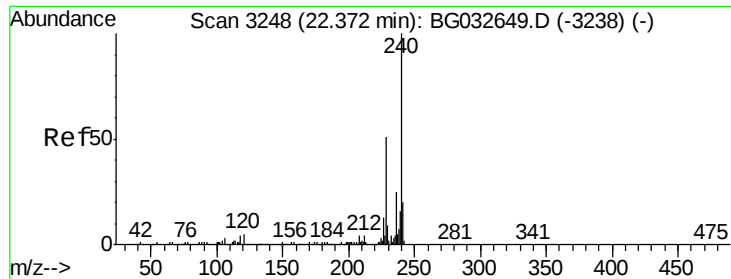
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#74
Fluoranthene
Concen: 44.873 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	905461		
101	5.0		0.0	28.9
203	18.6		0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.37 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

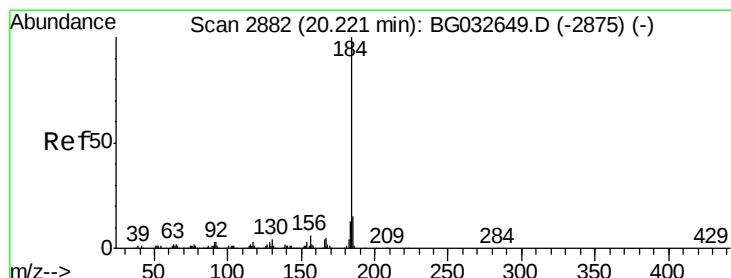
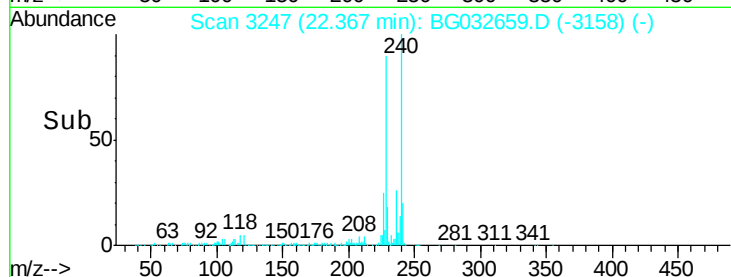
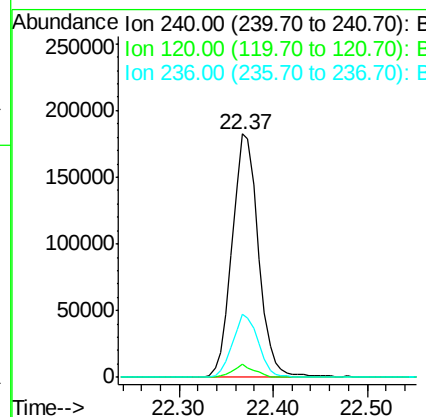
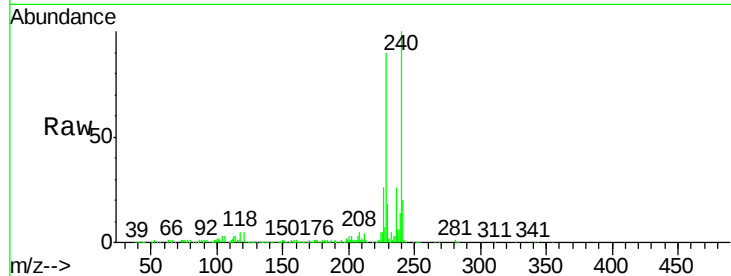
ClientSampleId :

WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 6.206 ng m

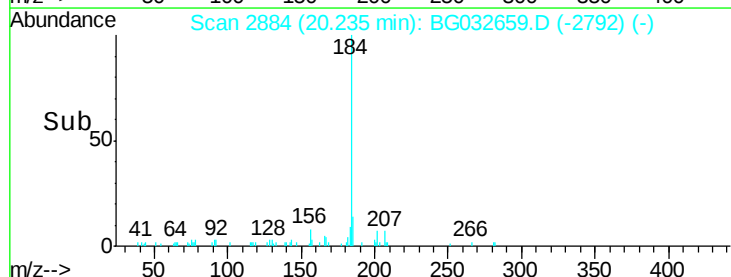
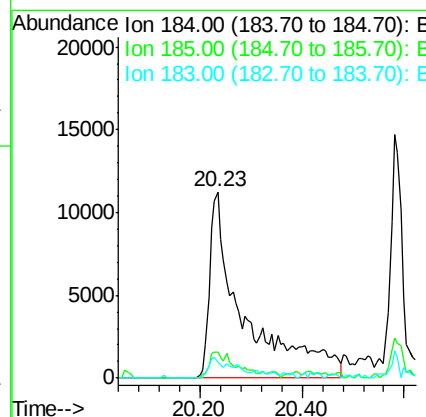
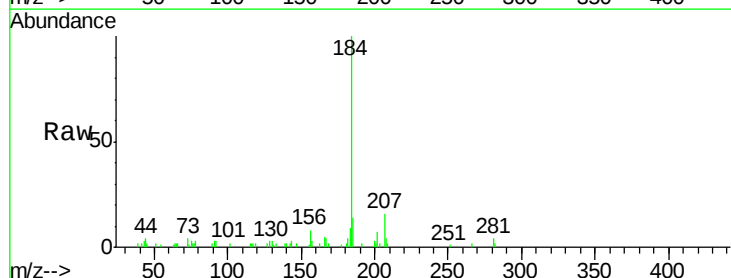
RT: 20.23 min Scan# 2884

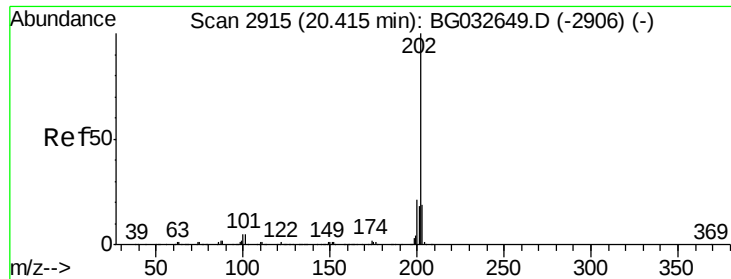
Delta R.T. 0.01 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	8.7	10.6	16.0#





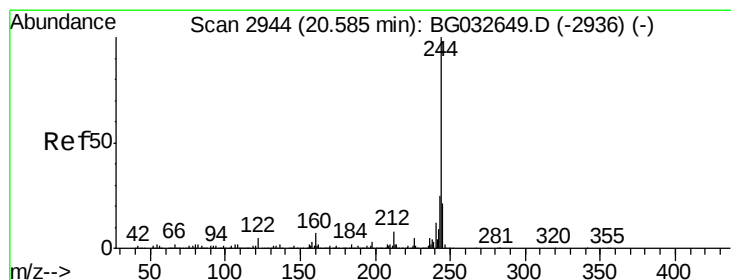
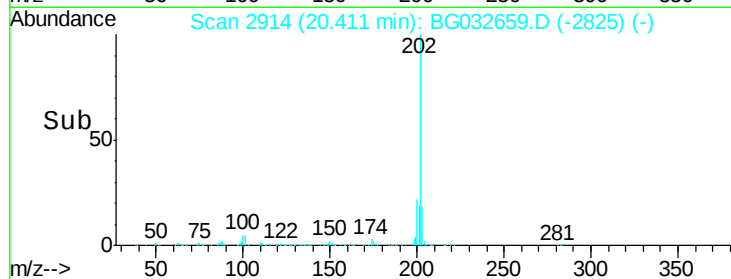
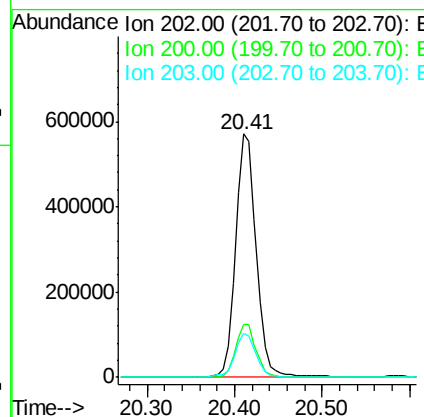
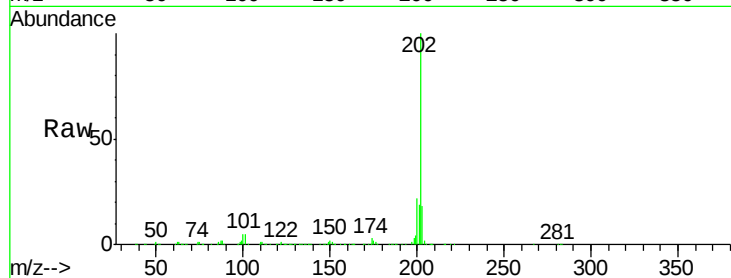
#77
Pvrene
Concen: 43.001 ng
RT: 20.41 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.1	13.9	20.9

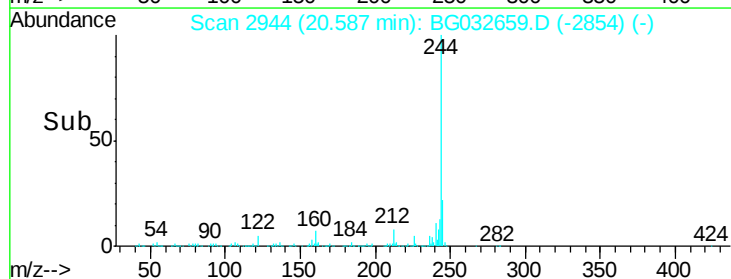
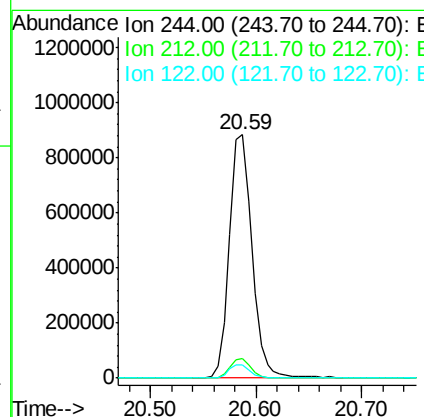
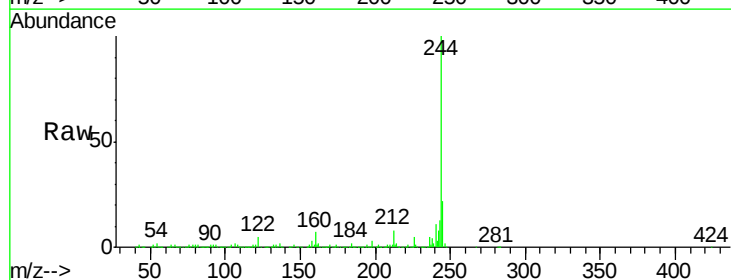
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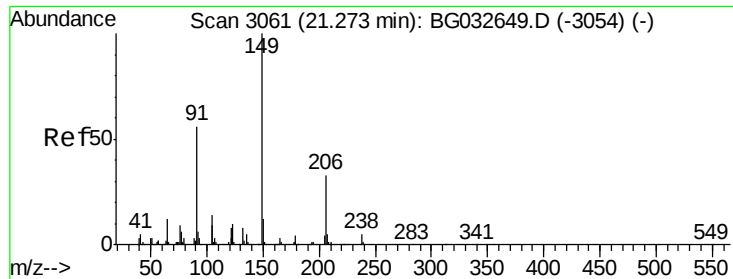
Sohil
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#78
Terphenyl-d14
Concen: 84.329 ng
RT: 20.59 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.4	7.0	10.4#





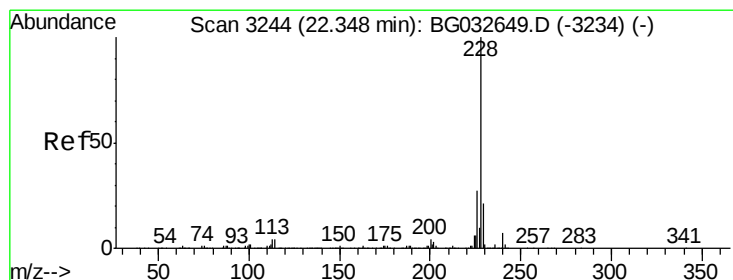
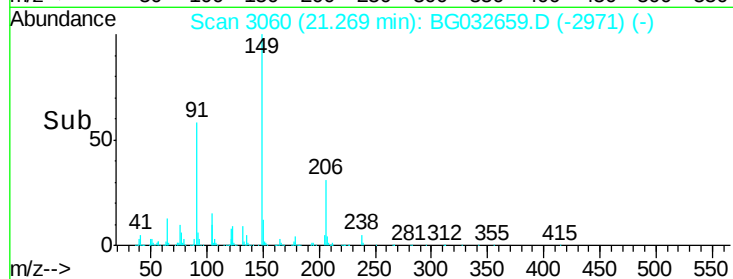
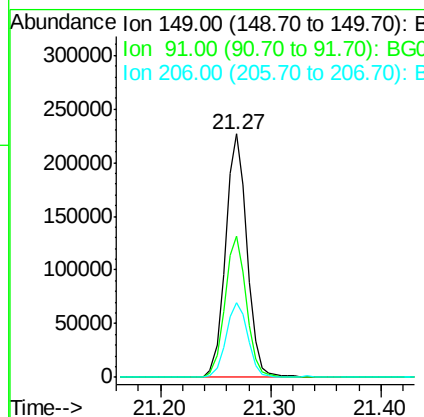
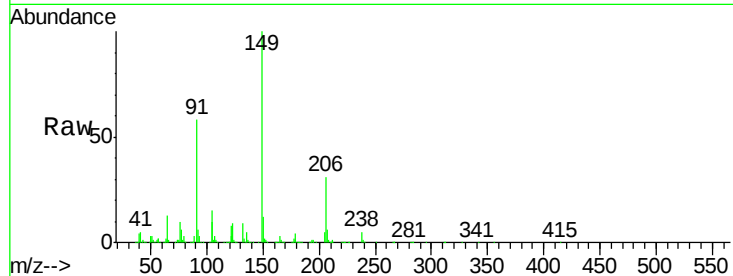
#79
Butylbenzylphthalate
Concen: 44.305 ng
RT: 21.27 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	57.8	62.2	93.2#
206	30.7	18.6	27.8#

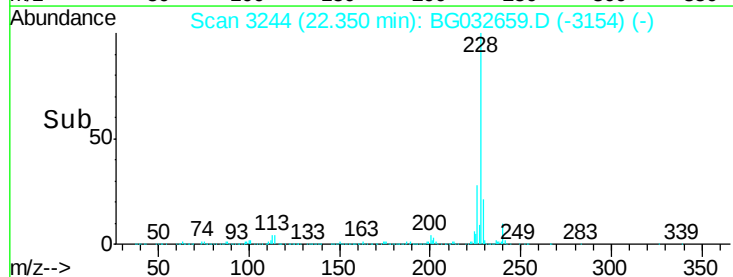
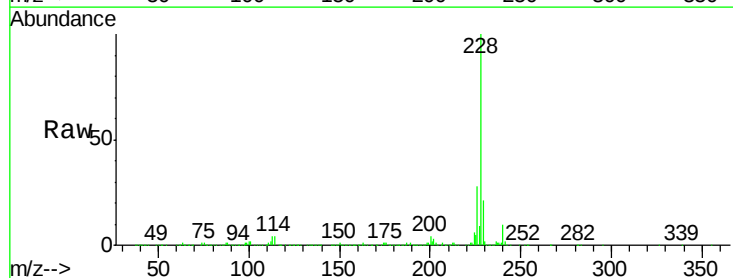
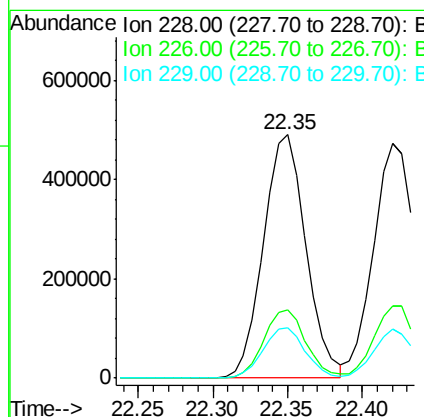
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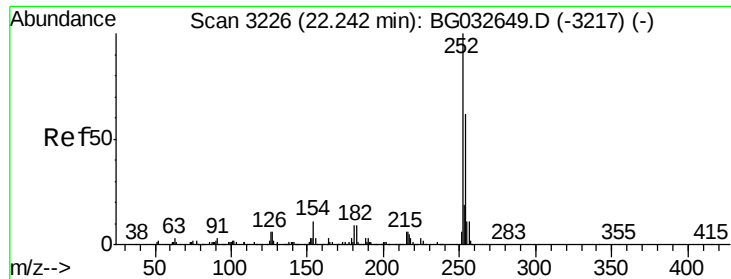
Sohil
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#80
Benzo(a)anthracene
Concen: 43.545 ng
RT: 22.35 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.7	16.2	24.2





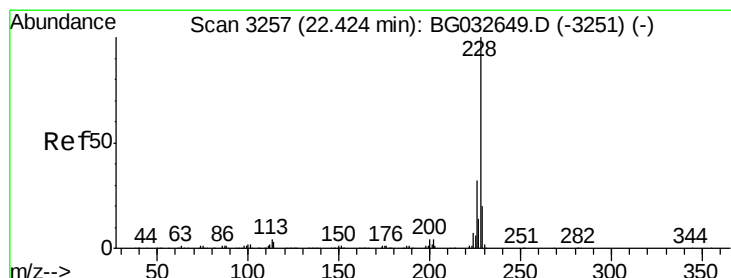
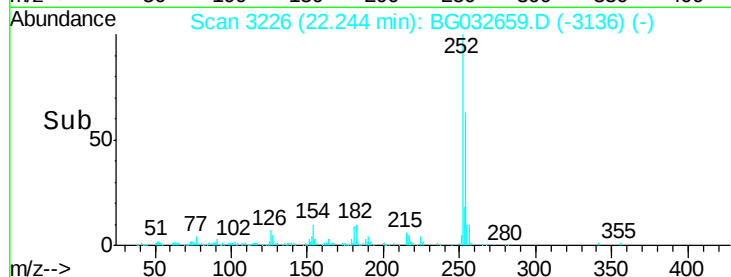
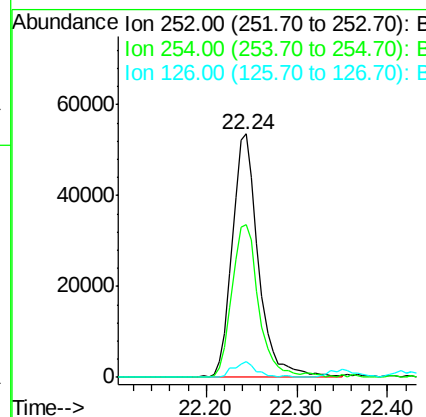
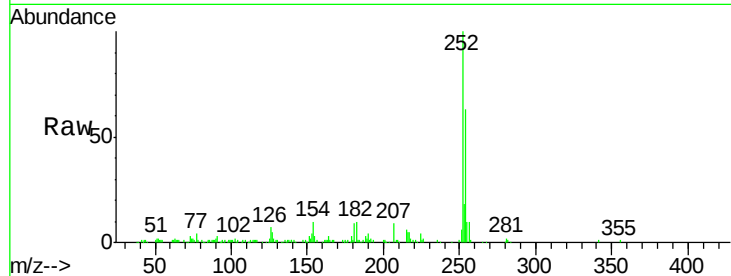
#81
 3,3'-Dichlorobenzidine
 Concen: 12.956 ng
 RT: 22.24 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.8	76.2
126	6.6	7.4	11.2

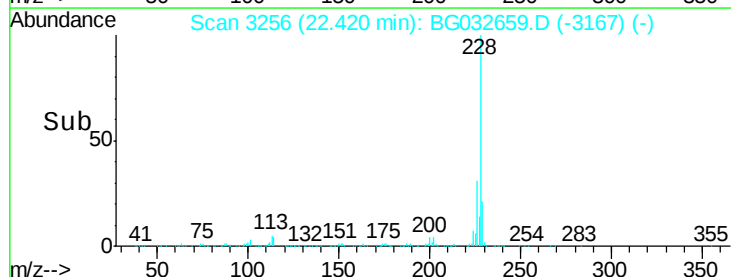
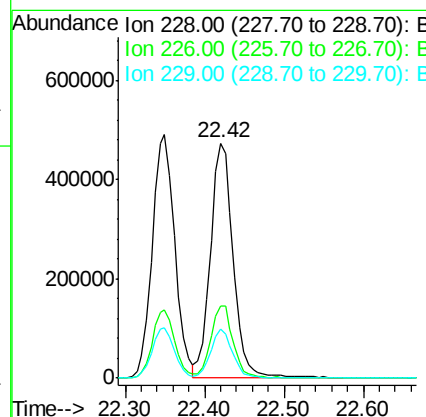
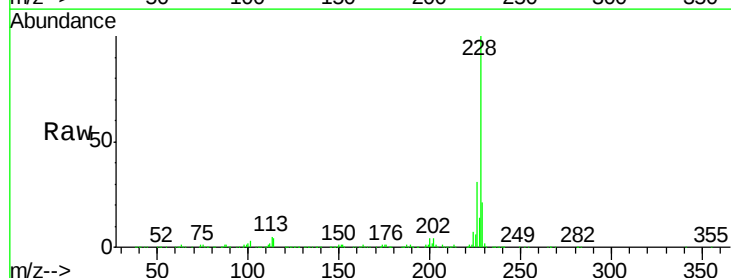
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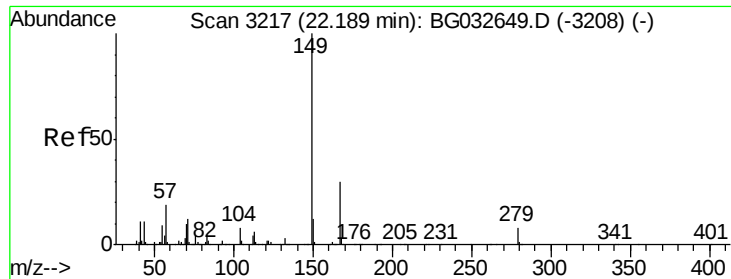
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#82
 Chrysene
 Concen: 42.784 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.9	15.0	22.4





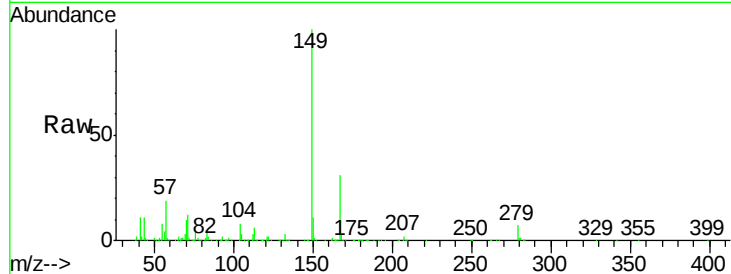
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.167 ng
 RT: 22.19 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

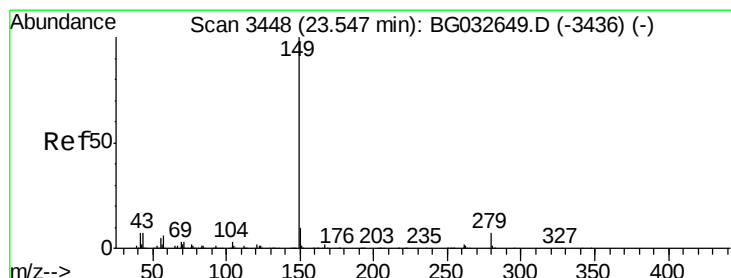
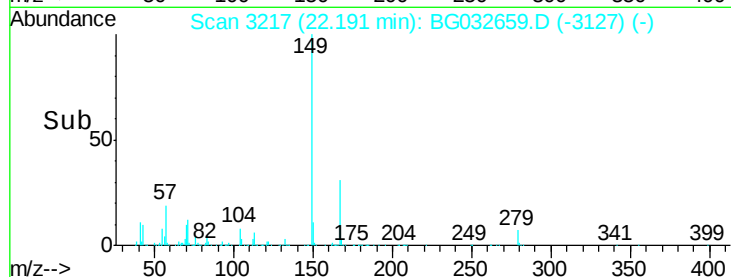
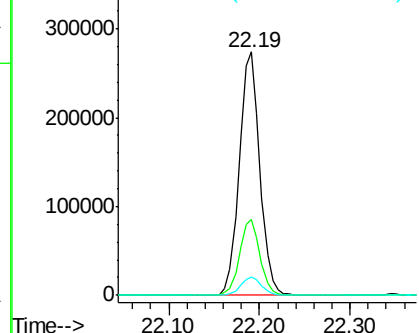
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	31.4	24.3	36.5	
279	7.5	4.0	6.0	

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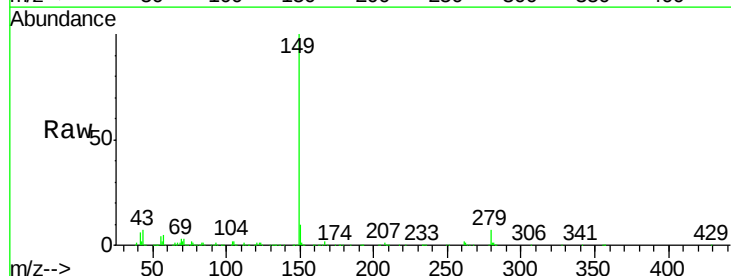


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

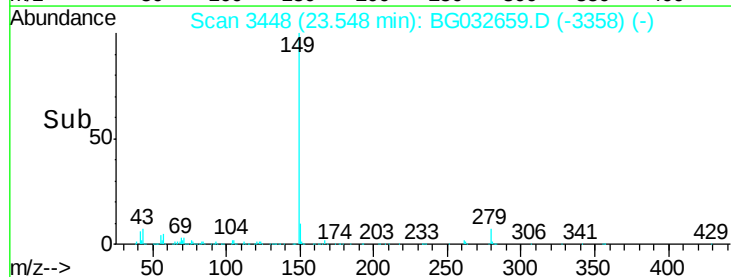
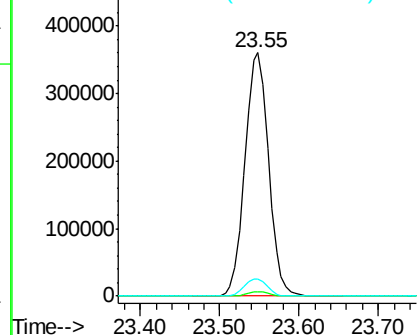


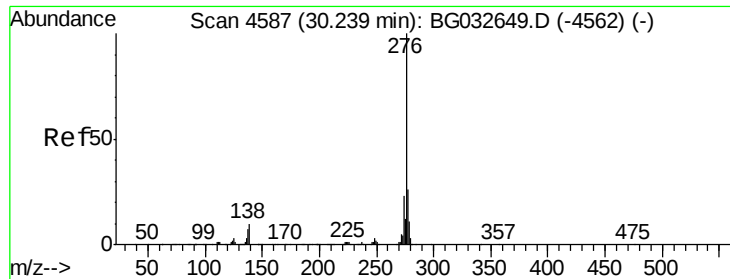
#84
 Di-n-octyl phthalate
 Concen: 47.207 ng
 RT: 23.55 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	7.1	8.9	13.3	



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





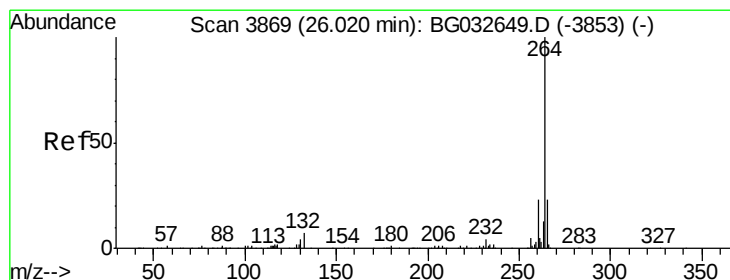
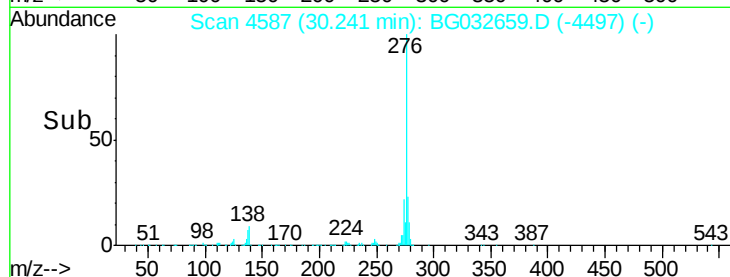
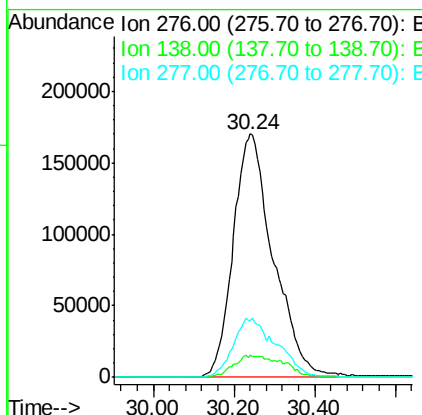
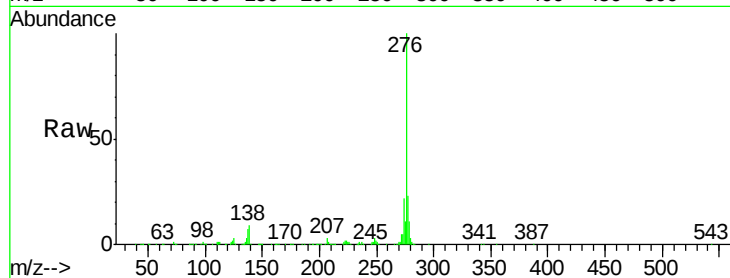
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.124 ng
RT: 30.24 min Scan# 4587
Delta R.T. 0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Instrument :
BNA_G
ClientSampleId :
WAVE-1MSD

Tot Ion:276 Resp: 1173914
Ion Ratio Lower Upper
276 100
138 3.5 16.0 24.0#
277 26.4 20.0 30.0

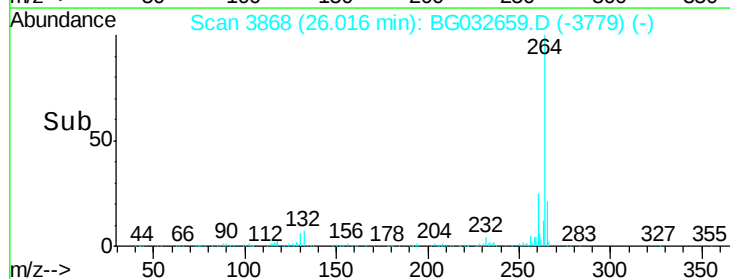
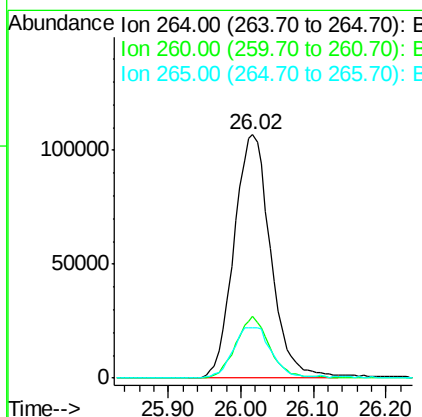
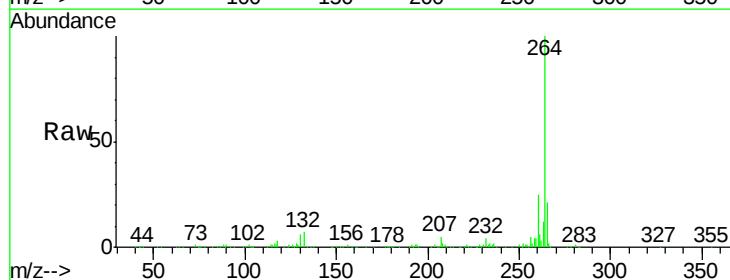
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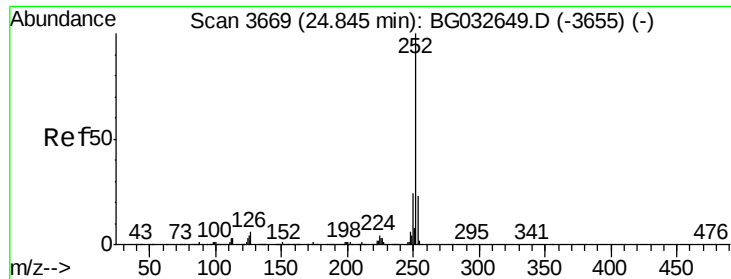
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.02 min Scan# 3868
Delta R.T. -0.00 min
Lab File: BG032659.D
Acq: 13 Feb 2018 14:11

Tgt Ion:264 Resp: 375066
Ion Ratio Lower Upper
264 100
260 25.3 17.4 26.0
265 20.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 44.420 ng

RT: 24.85 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

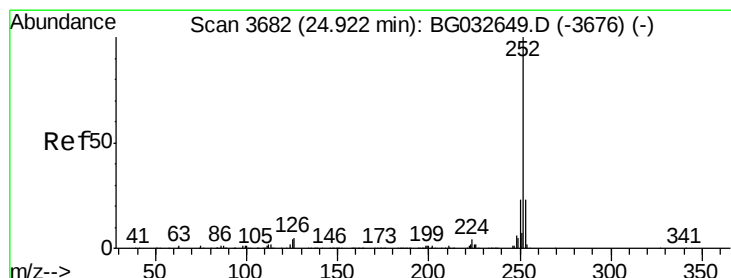
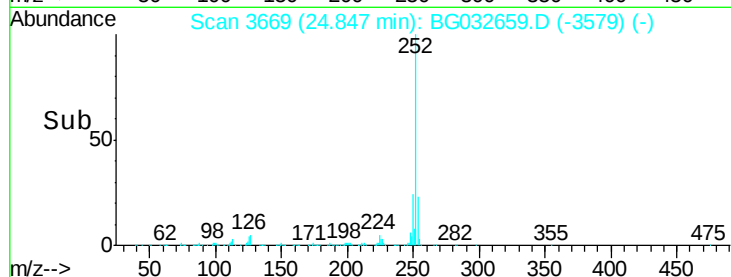
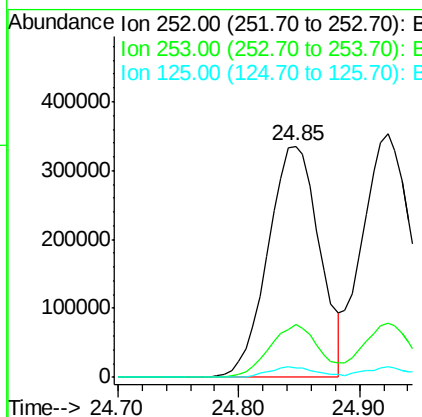
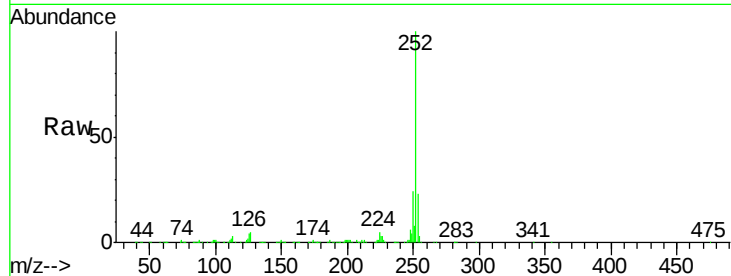
ClientSampleId :

WAVE-1MSD

Tot Ion:	252	Resp:	992877
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.4
125	4.3	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 43.731 ng

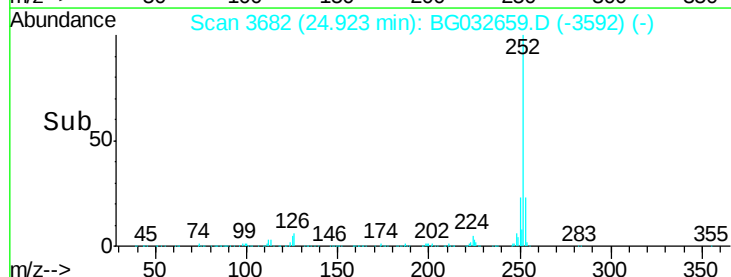
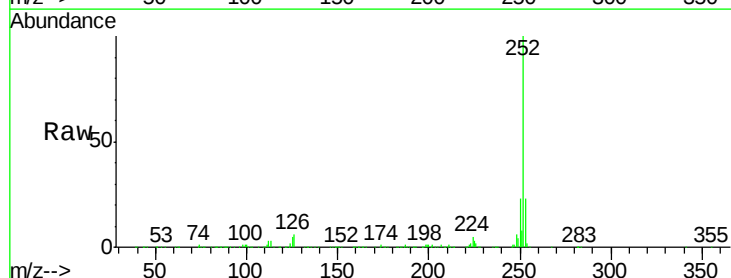
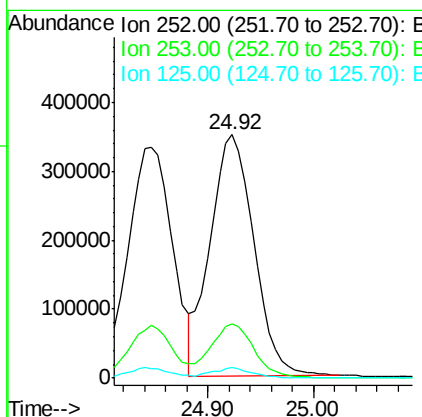
RT: 24.92 min Scan# 3682

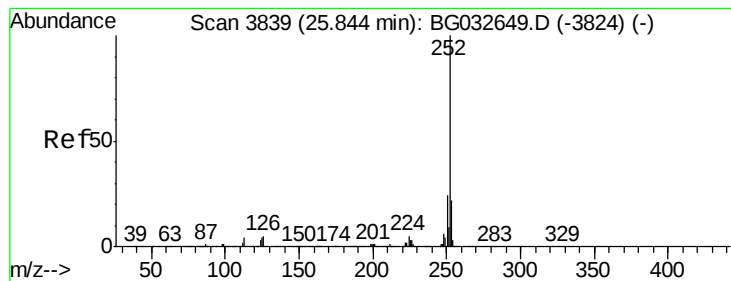
Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion:	252	Resp:	1011623
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	4.5	6.6	9.8





#89

Benzo(a)pyrene

Concen: 46.011 ng

RT: 25.85 min Scan# 3839

Delta R.T. 0.00 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Instrument :

BNA_G

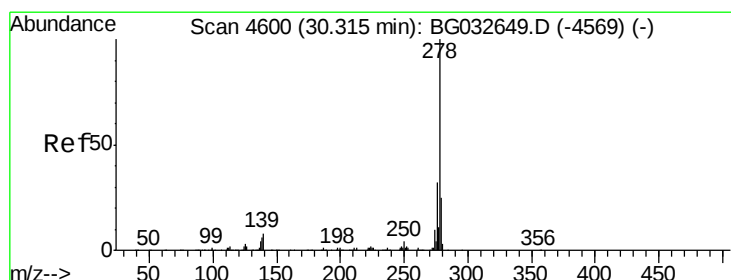
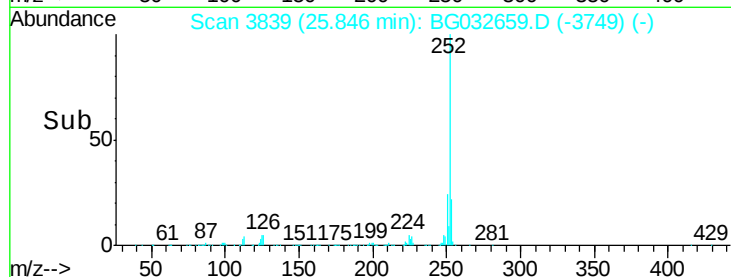
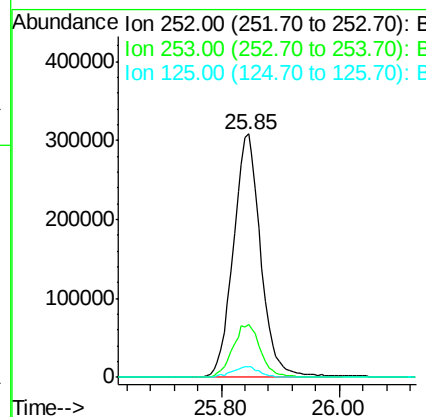
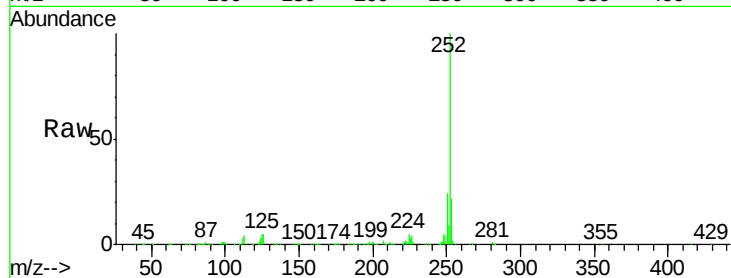
ClientSampleId :

WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	4.5	7.3	10.9

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#90

Dibenzo(a,h)anthracene

Concen: 45.215 ng

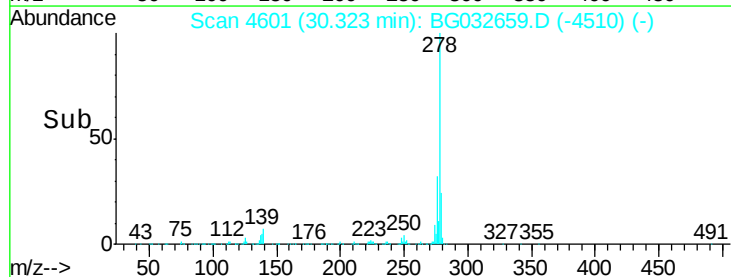
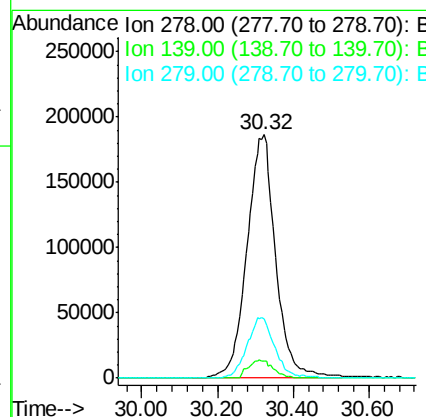
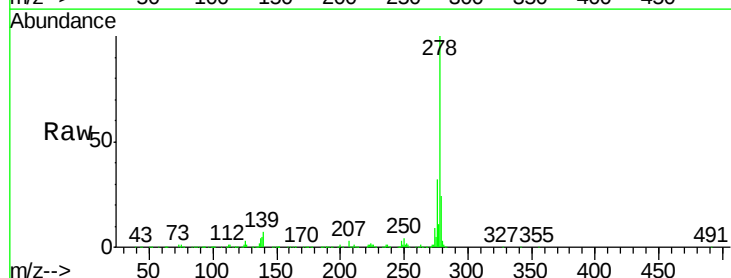
RT: 30.32 min Scan# 4601

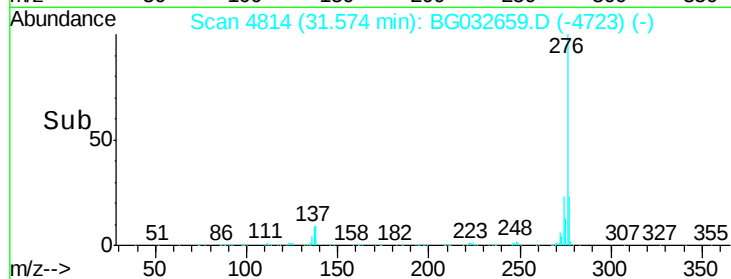
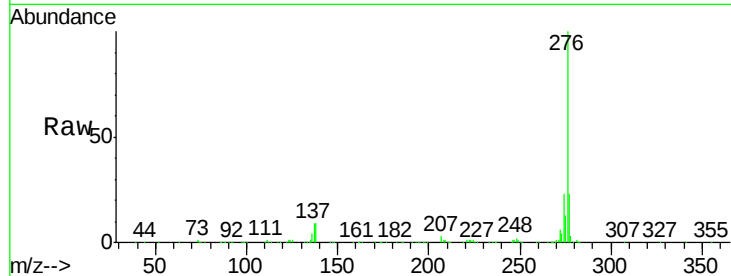
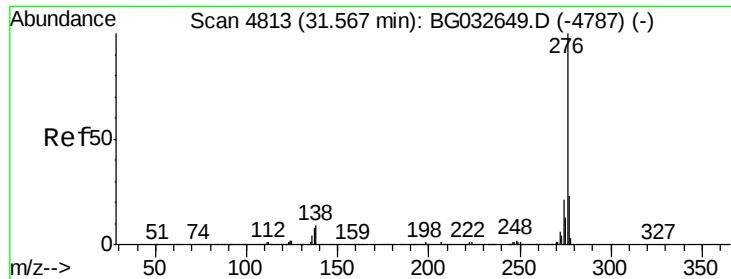
Delta R.T. 0.01 min

Lab File: BG032659.D

Acq: 13 Feb 2018 14:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.8	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.126 ng
 RT: 31.57 min Scan# 4814
 Delta R.T. 0.01 min
 Lab File: BG032659.D
 Acq: 13 Feb 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	8.9	13.9	20.9

Manual Integrations
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