

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031461.D
 Acq On : 11 Dec 2017 18:37
 Operator : SJ/JU
 Sample : PB104880BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:55:17 PM

Quant Time: Dec 12 04:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	45009	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	205071	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	141861	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	394458	20.00	ng	0.00
75) Chrysene-d12	21.74	240	440437	20.00	ng	0.00
86) Perylene-d12	25.02	264	431156	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	278656	109.74	ng	0.00
7) Phenol-d6	7.28	99	373162	105.86	ng	0.00
23) Nitrobenzene-d5	9.27	82	322324	96.88	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	180932	108.87	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	927821	96.00	ng	0.00
78) Terphenyl-d14	20.06	244	1729704	89.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	44137	36.429	ng	# 82
3) Pyridine	3.92	79	120981	37.925	ng	88
4) n-Nitrosodimethylamine	3.83	42	63217	42.073	ng	# 91
6) Aniline	7.43	93	149298	32.160	ng	95
8) 2-Chlorophenol	7.68	128	144106	50.878	ng	92
9) Benzaldehyde	7.25	77	42309	20.706	ng	87
10) Phenol	7.30	94	194396	53.682	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	128790	43.575	ng	91
12) 1,3-Dichlorobenzene	7.99	146	152700	45.334	ng	96
13) 1,4-Dichlorobenzene	8.14	146	156398	44.677	ng	93
14) 1,2-Dichlorobenzene	8.46	146	147137	44.123	ng	95
15) Benzyl Alcohol	8.35	79	128272	46.517	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	198096	59.660	ng	91
17) 2-Methylphenol	8.56	107	128096	51.893	ng	97
18) Hexachloroethane	9.19	117	52748	44.701	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	108979	39.278	ng	# 97
20) 3+4-Methylphenols	8.89	107	175392	47.696	ng	94
22) Acetophenone	8.93	105	207350	42.147	ng	# 92
24) Nitrobenzene	9.32	77	162609	47.695	ng	93
25) Isophorone	9.84	82	312521	49.704	ng	# 93
26) 2-Nitrophenol	10.03	139	83541	49.554	ng	91
27) 2,4-Dimethylphenol	10.09	122	146562	57.229	ng	92
28) bis(2-Chloroethoxy)methane	10.31	93	191923	47.279	ng	96
29) 2,4-Dichlorophenol	10.58	162	161831	53.635	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	173952	45.134	ng	99
31) Naphthalene	10.97	128	454026	45.067	ng	98
32) Benzoic acid	10.25	122	51686	38.040	ng	# 81
33) 4-Chloroaniline	11.10	127	70707	16.164	ng	93
34) Hexachlorobutadiene	11.25	225	114248	44.689	ng	97
35) Caprolactam	11.85	113	61740m	52.111	ng	
36) 4-Chloro-3-methylphenol	12.21	107	174089	50.547	ng	94
37) 2-Methylnaphthalene	12.57	142	363379	46.585	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	220496	39.770	ng	97
40) Hexachlorocyclopentadiene	12.91	237	182576	90.131	ng	93

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Quant Time: Dec 12 04:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	147247	51.982	nq	95
43) 2,4,5-Trichlorophenol	13.26	196	162375	53.215	nq	# 94
45) 1,1'-Biphenyl	13.56	154	483862	41.528	nq	100
46) 2-Chloronaphthalene	13.61	162	399191	46.810	nq	96
47) 2-Nitroaniline	13.82	65	117164	48.892	nq	# 84
48) Acenaphthylene	14.46	152	611286	44.548	nq	99
49) Dimethylphthalate	14.18	163	550374	46.862	nq	99
50) 2,6-Dinitrotoluene	14.30	165	126538	50.406	nq	# 80
51) Acenaphthene	14.80	154	379784	43.771	nq	96
52) 3-Nitroaniline	14.64	138	69248	27.060	nq	# 82
53) 2,4-Dinitrophenol	14.86	184	121945	112.285	nq	# 52
54) Dibenzofuran	15.13	168	643565	46.481	nq	99
55) 4-Nitrophenol	14.97	139	182876	104.621	nq	# 84
56) 2,4-Dinitrotoluene	15.10	165	186790	52.388	nq	# 72
57) Fluorene	15.77	166	526386	47.448	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	160035	55.798	nq	# 91
59) Diethylphthalate	15.53	149	567790	48.231	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	305113	44.952	nq	94
61) 4-Nitroaniline	15.80	138	135106	50.310	nq	90
62) Azobenzene	16.06	77	468942	48.087	nq	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	93723	40.149	nq	84
65) n-Nitrosodiphenylamine	15.97	169	492704	42.673	nq	98
66) 4-Bromophenyl-phenylether	16.65	248	206237	44.962	nq	98
67) Hexachlorobenzene	16.78	284	210709	44.486	nq	96
68) Atrazine	16.92	200	217343	51.482	nq	97
69) Pentachlorophenol	17.13	266	183417	80.520	nq	98
70) Phenanthrene	17.52	178	937191	45.493	nq	98
71) Anthracene	17.61	178	971181	47.666	nq	99
72) Carbazole	17.88	167	900273	48.827	nq	99
73) Di-n-butylphthalate	18.41	149	1056055	49.597	nq	98
74) Fluoranthene	19.52	202	1261635	48.935	nq	97
76) Benzidine	19.69	184	371391	36.234	nq	97
77) Pyrene	19.88	202	1296560	47.377	nq	97
79) Butylbenzylphthalate	20.74	149	498554	51.929	nq	# 84
80) Benzo(a)anthracene	21.73	228	1254184	47.178	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	274737	29.694	nq	95
82) Chrysene	21.79	228	1201129	47.130	nq	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	675389	48.897	nq	97
84) Di-n-octyl phthalate	22.82	149	1149679	50.460	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.79	276	1359150	49.902	nq	99
87) Benzo(b)fluoranthene	23.98	252	1212403	47.035	nq	98
88) Benzo(k)fluoranthene	24.05	252	1225101	46.572	nq	99
89) Benzo(a)pyrene	24.87	252	1199931	49.072	nq	99
90) Dibenzo(a,h)anthracene	28.84	278	1119085	47.858	nq	97
91) Benzo(g,h,i)perylene	29.98	276	1139134	49.552	nq	99

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

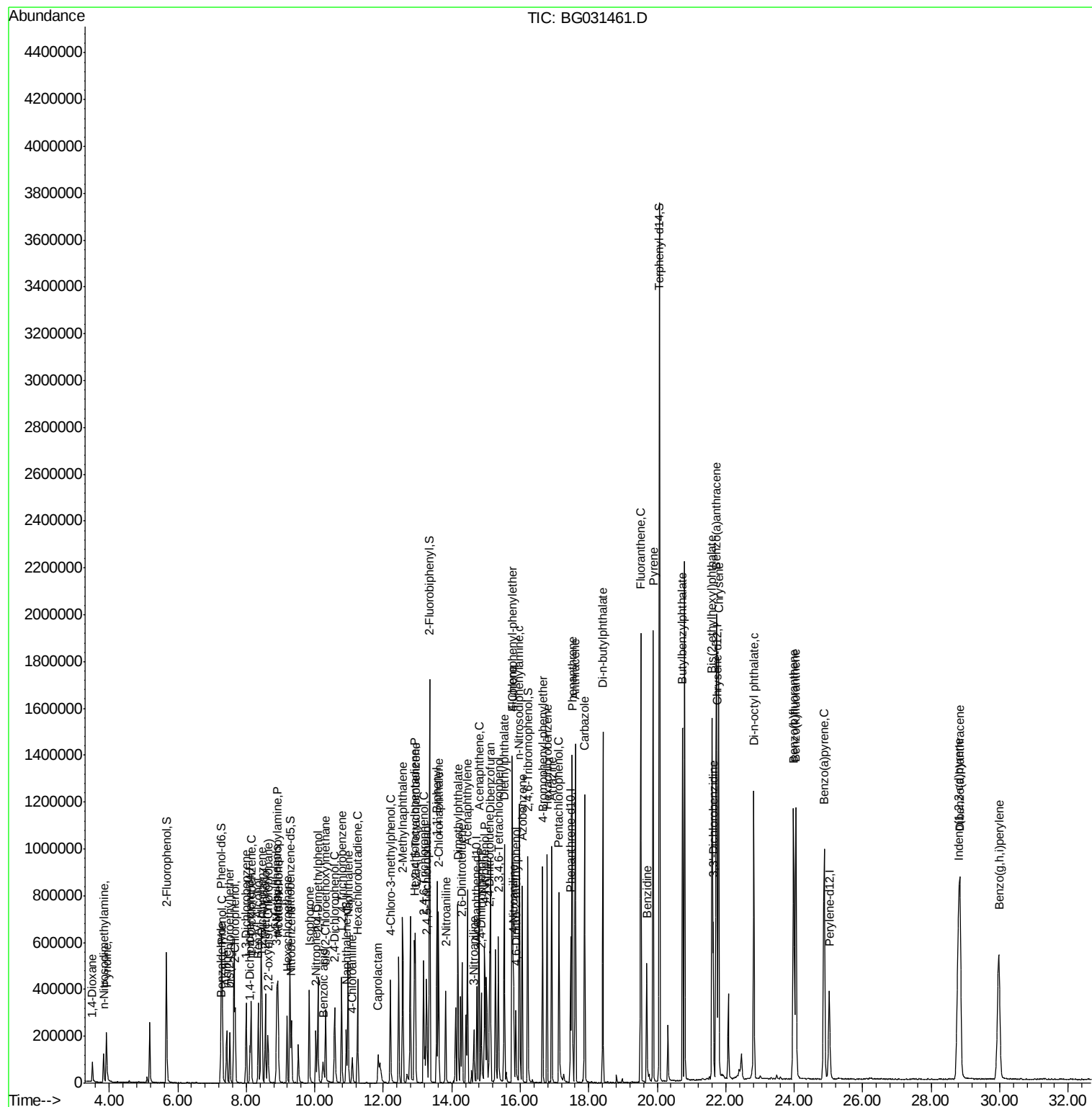
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
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Acq On : 11 Dec 2017 18:37
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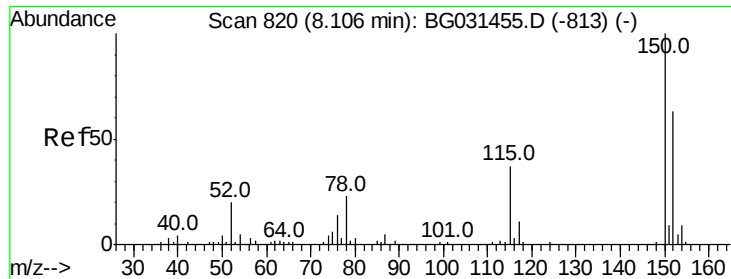
Instrument :
BNA_G
ClientSampleId :
PB104880BSD

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#1

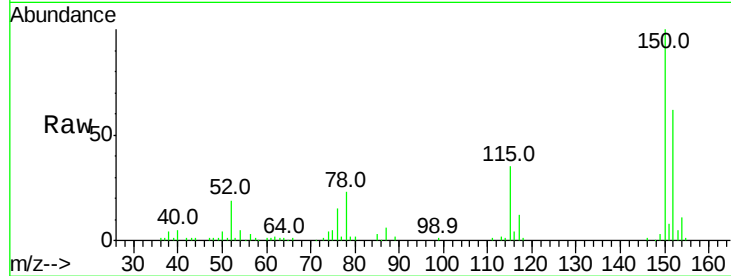
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

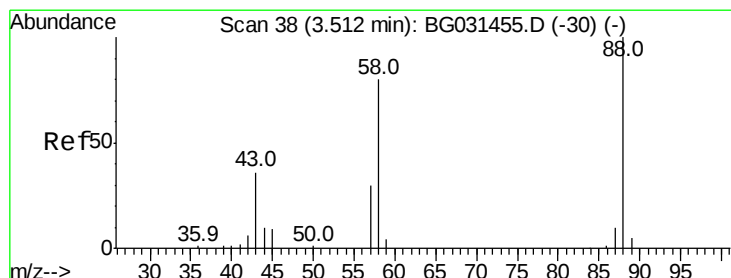
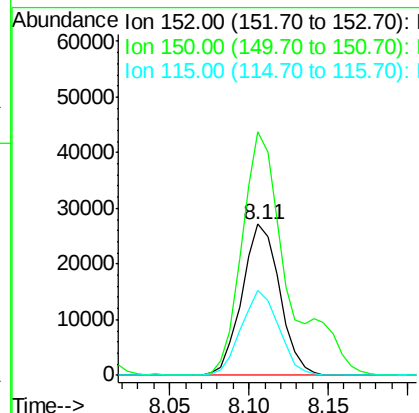
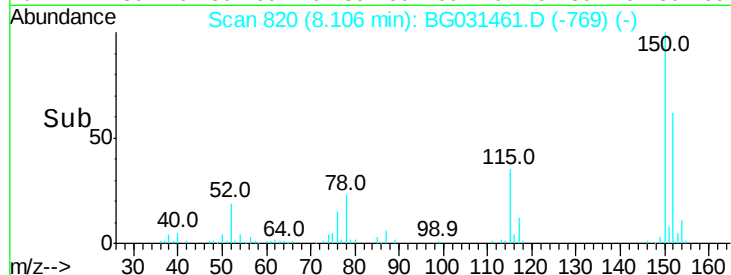
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.6	189.8
115	56.4	53.0	79.4

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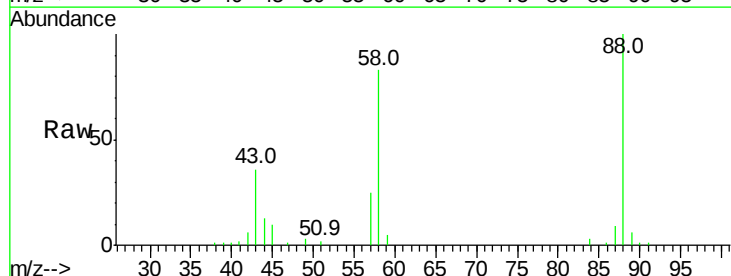
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



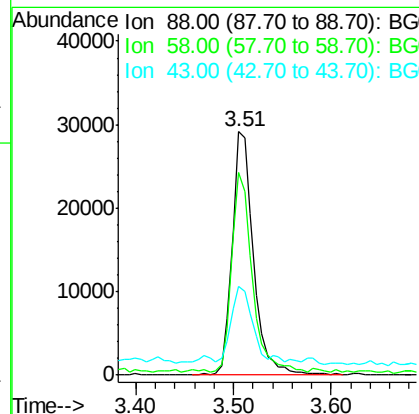
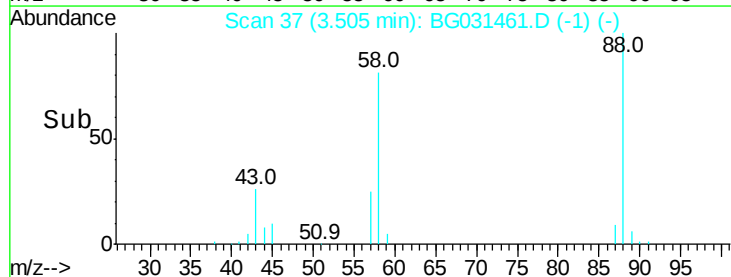
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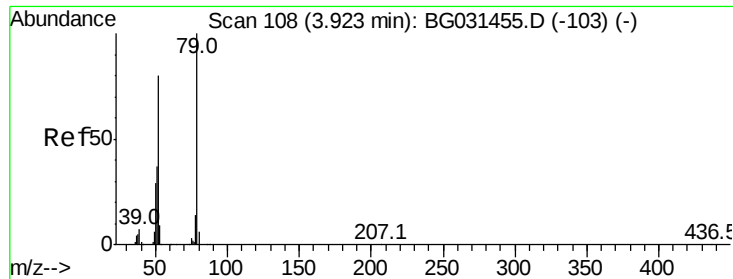
1,4-Dioxane
Concen: 36.429 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	79.6	119.4#
43	29.6	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvrindine

Concen: 37.925 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

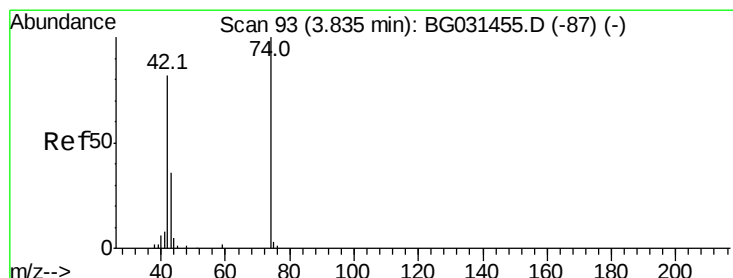
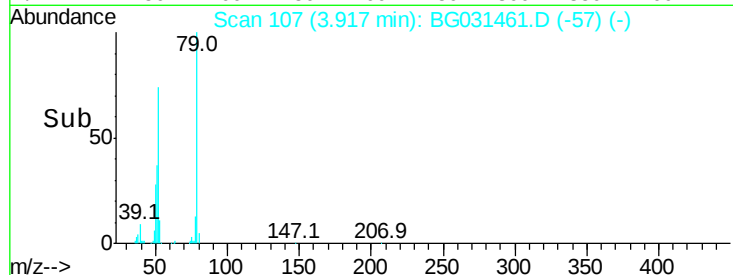
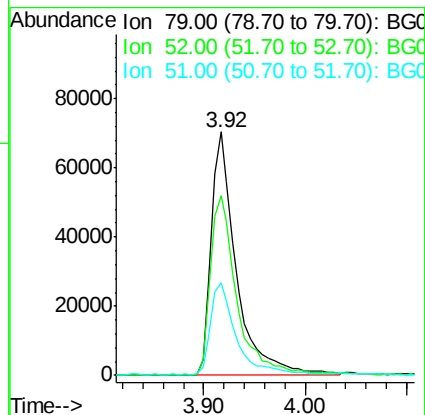
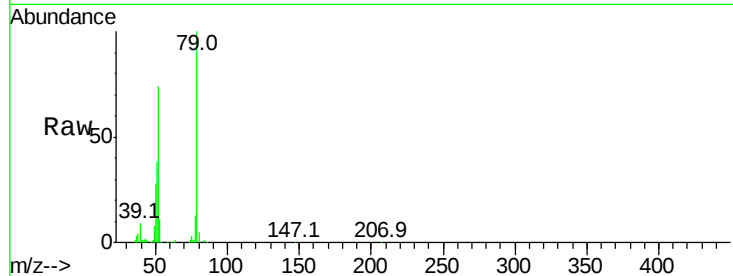
ClientSampleId :

PB104880BSD

Tot Ion:	79	Resp:	120981
Ion Ratio	Lower	Upper	
79	100		
52	74.0	69.9	104.9
51	38.0	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 42.073 ng

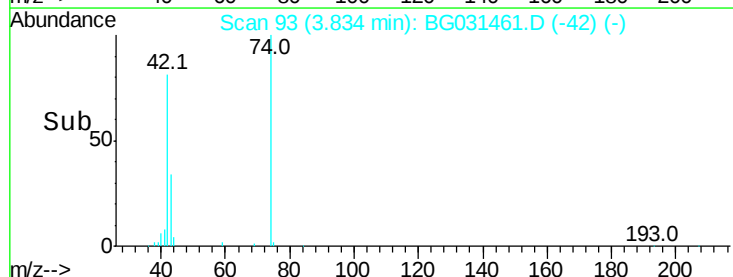
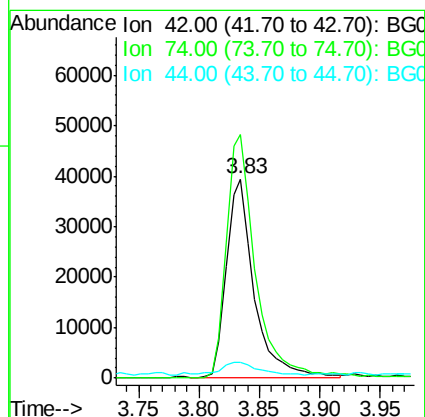
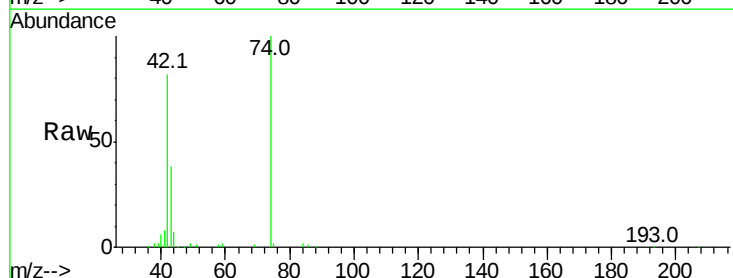
RT: 3.83 min Scan# 93

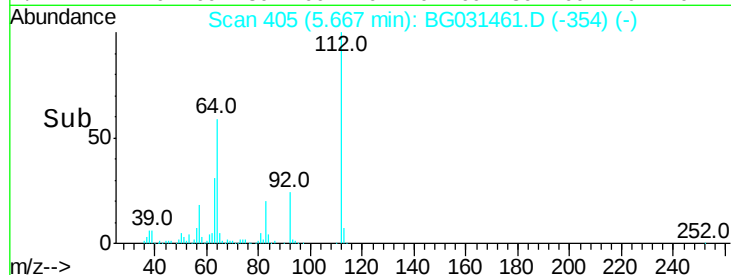
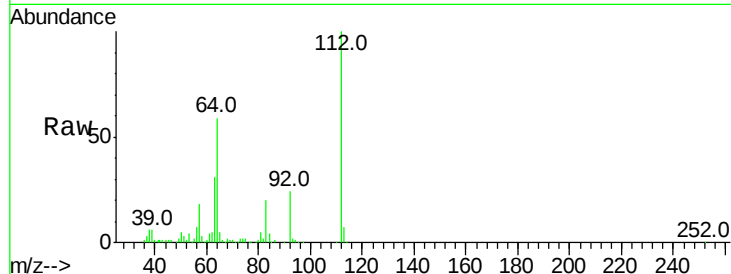
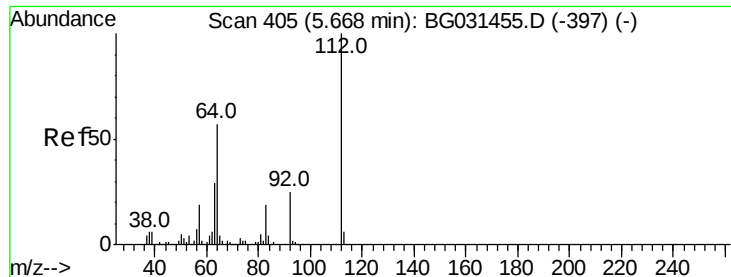
Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	42	Resp:	63217
Ion Ratio	Lower	Upper	
42	100		
74	122.3	102.5	153.7
44	8.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 109.739 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tot Ion:	112	Resp:	278656
Ion Ratio	Lower	Upper	
112	100		
64	58.5	56.3	84.5
63	31.4	30.1	45.1

Instrument :

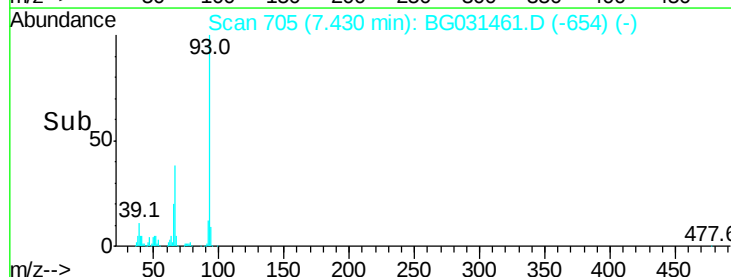
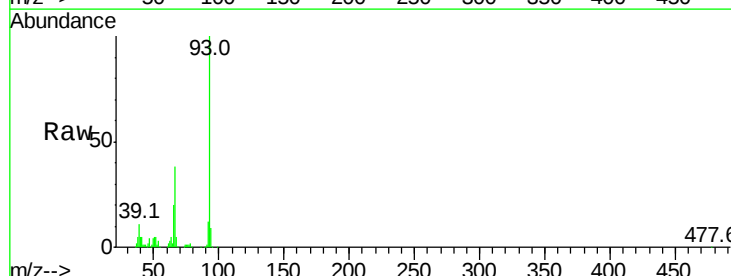
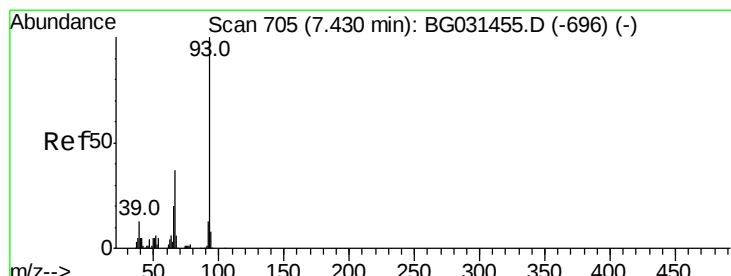
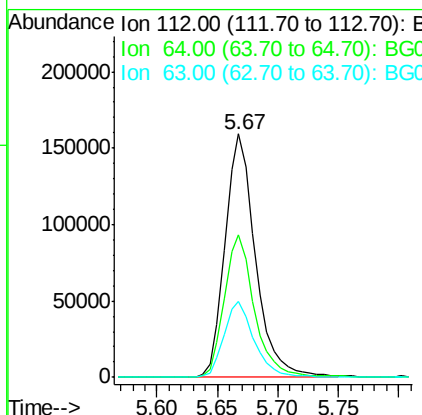
BNA_G

ClientSampleId :

PB104880BSD

Manual Integrations
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#6

Aniline

Concen: 32.160 ng

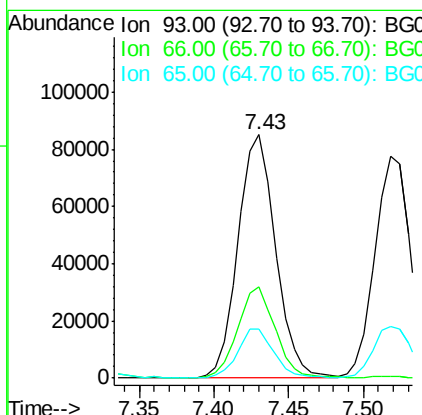
RT: 7.43 min Scan# 705

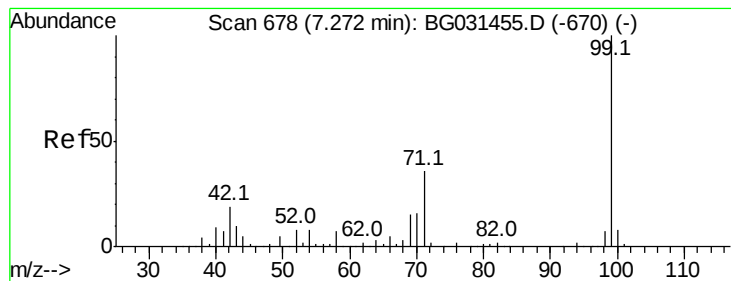
Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	93	Resp:	149298
Ion Ratio	Lower	Upper	
93	100		
66	37.7	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 105.859 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

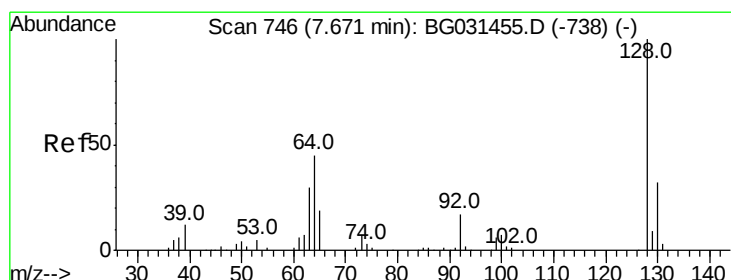
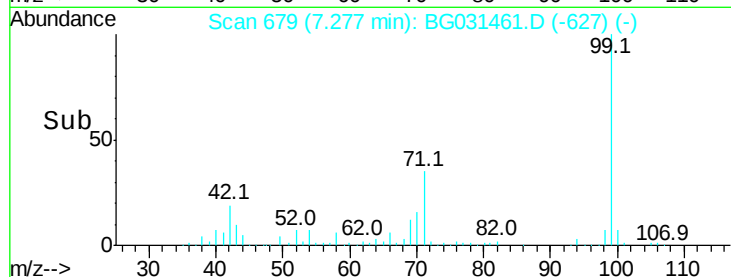
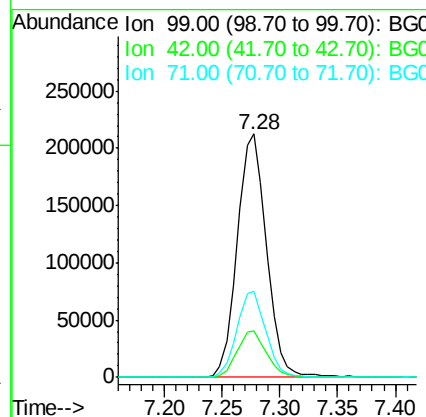
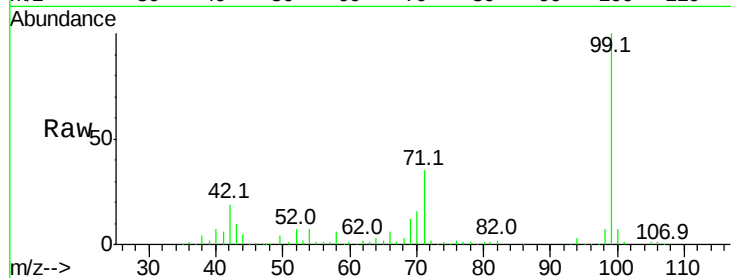
ClientSampleId :

PB104880BSD

Tot Ion:	99	Resp:	373162
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.1	21.1
71	35.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 50.878 ng

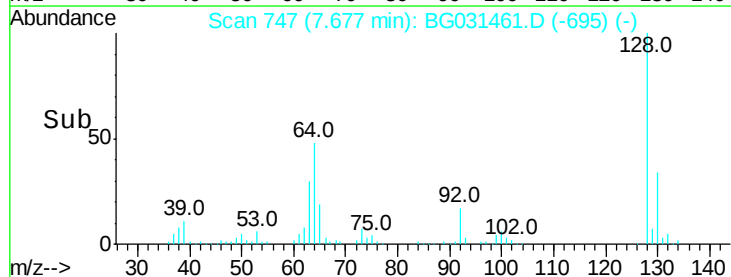
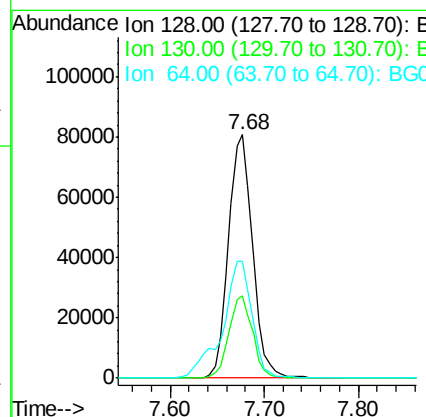
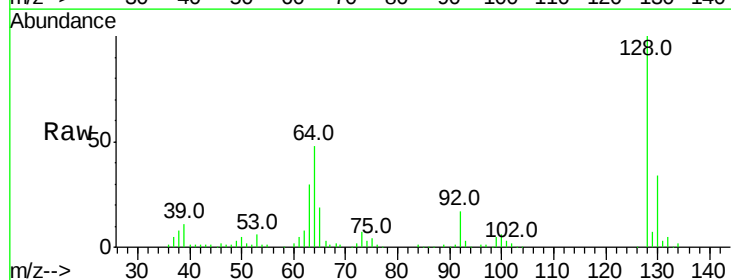
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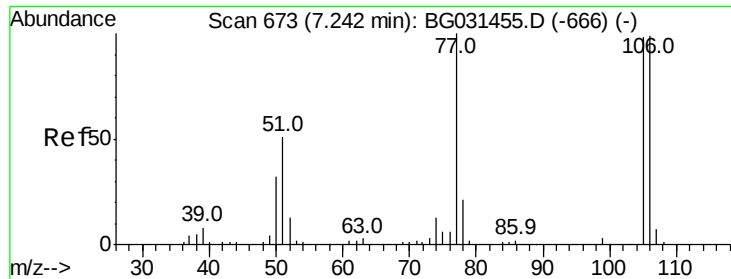
Delta R.T. 0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	128	Resp:	144106
Ion Ratio	Lower	Upper	
128	100		
130	33.7	14.0	54.0
64	47.9	37.7	77.7





#9

Benzaldehyde

Concen: 20.706 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

ClientSampleId :

PB104880BSD

Tot Ion: 77 Resp: 42309

Ion Ratio Lower Upper

77 100

105 98.0 71.3 111.3

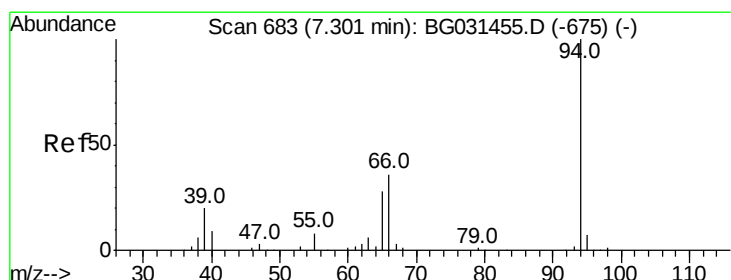
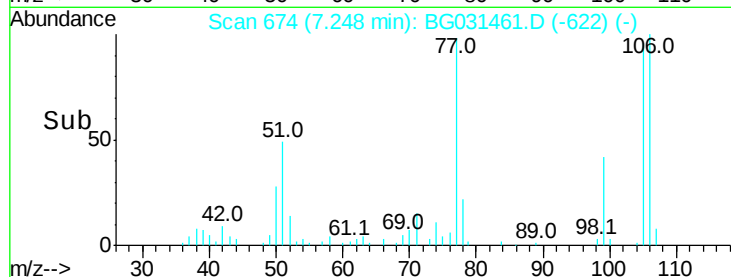
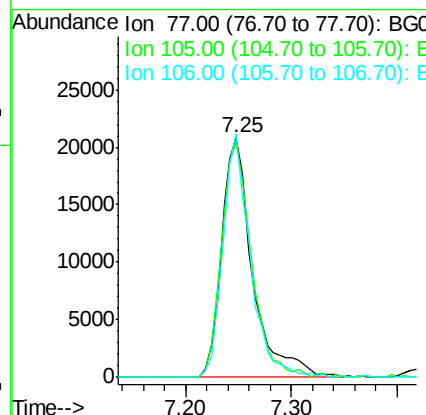
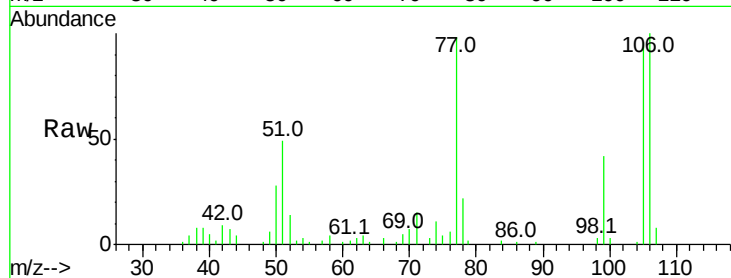
106 101.6 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 53.682 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

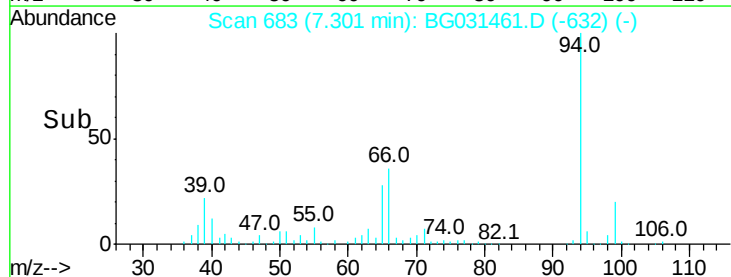
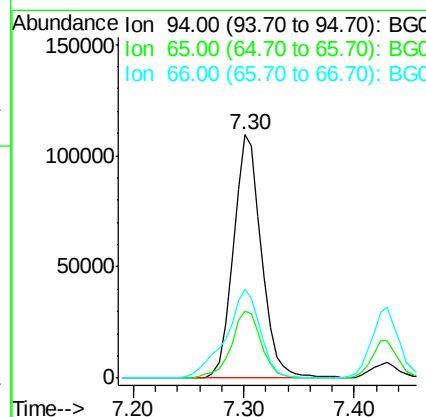
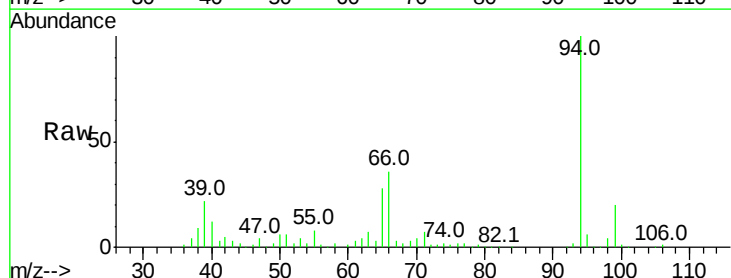
Tgt Ion: 94 Resp: 194396

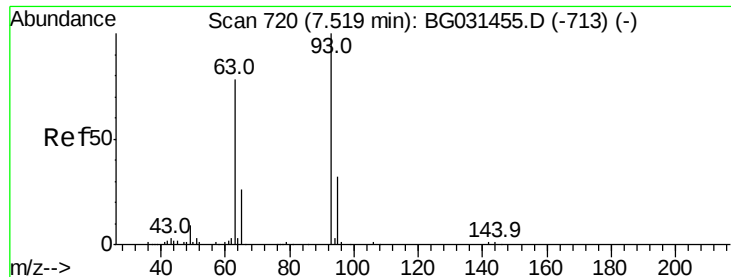
Ion Ratio Lower Upper

94 100

65 27.8 11.9 51.9

66 36.3 22.2 62.2





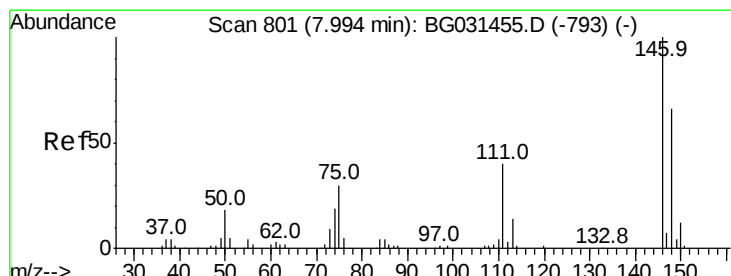
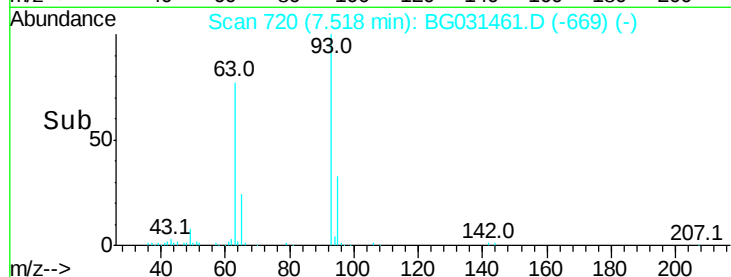
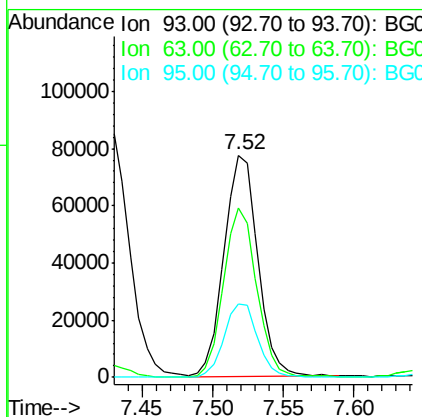
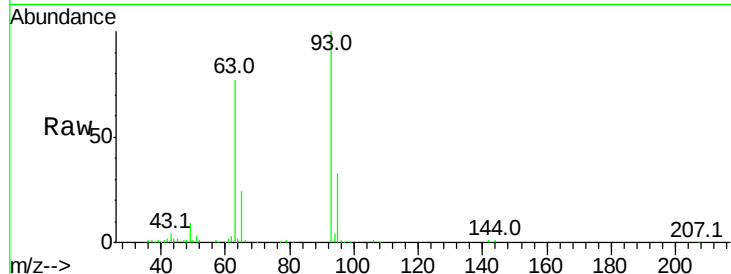
#11
bis(2-Chloroethyl)ether
Concen: 43.575 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	67.1	107.1
95	33.1	11.5	51.5

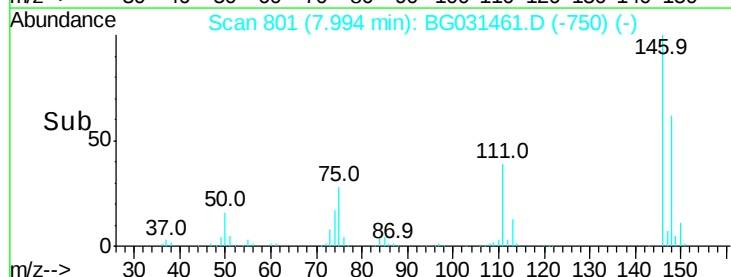
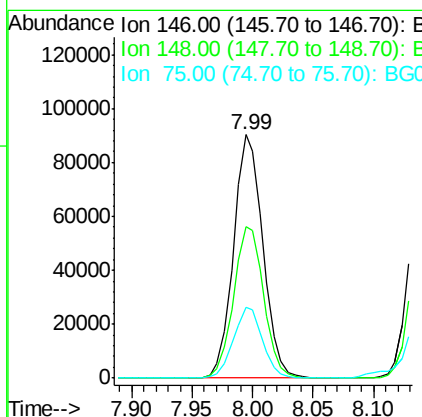
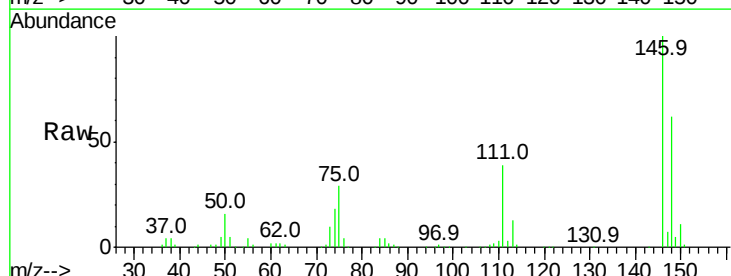
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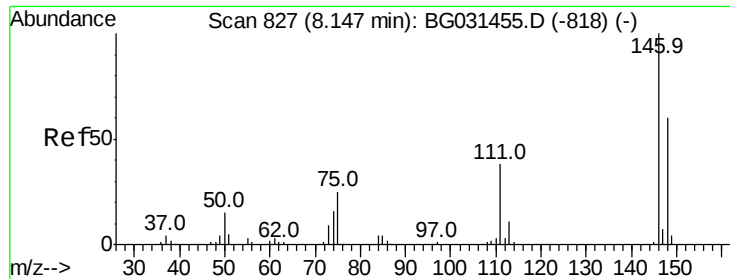
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.334 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.2
75	29.1	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 44.677 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

ClientSampleId :

PB104880BSD

Tot Ion:146 Resp: 156398

Ion Ratio Lower Upper

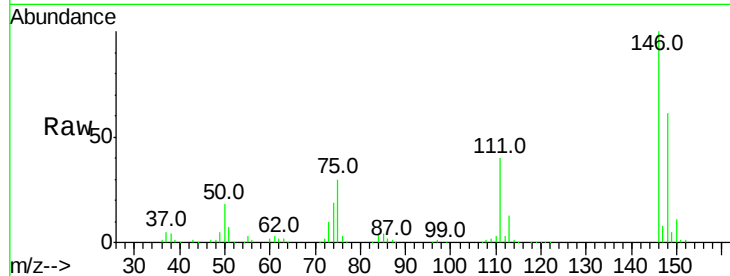
146 100

148 60.6 53.7 80.5

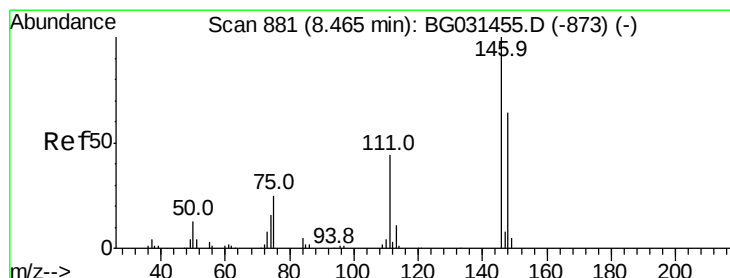
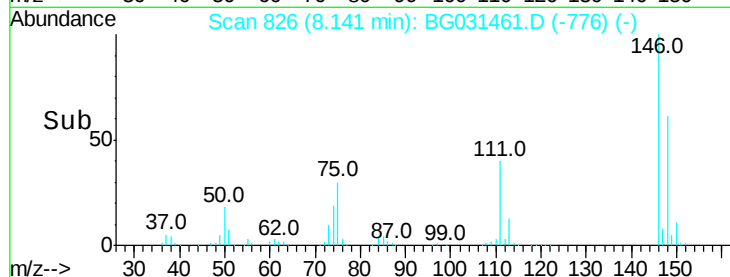
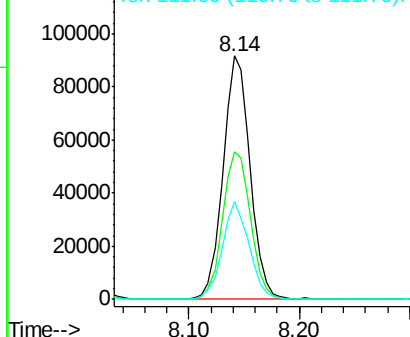
111 40.1 35.2 52.8

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



#14

1,2-Dichlorobenzene

Concen: 44.123 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

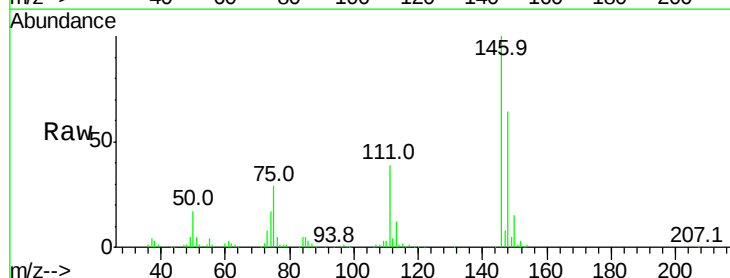
Tgt Ion:146 Resp: 147137

Ion Ratio Lower Upper

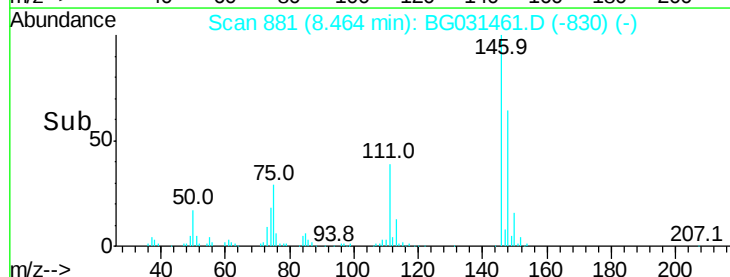
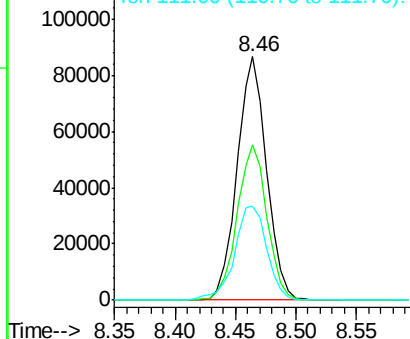
146 100

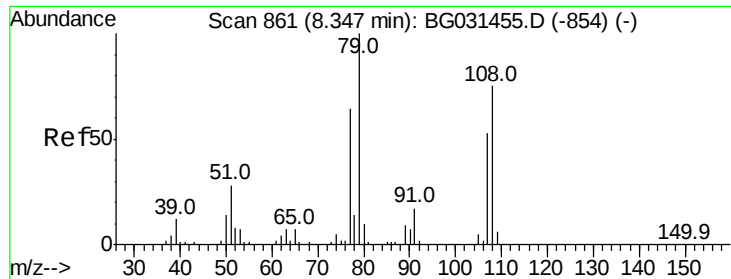
148 63.9 49.3 73.9

111 38.6 34.3 51.5



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





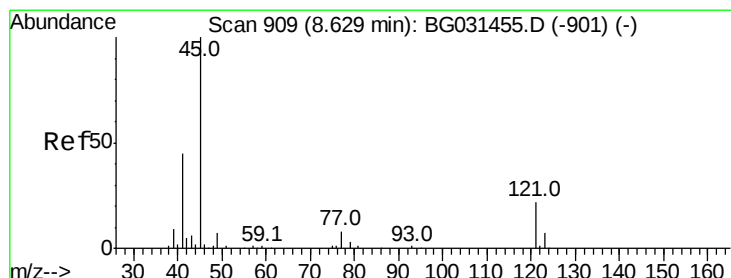
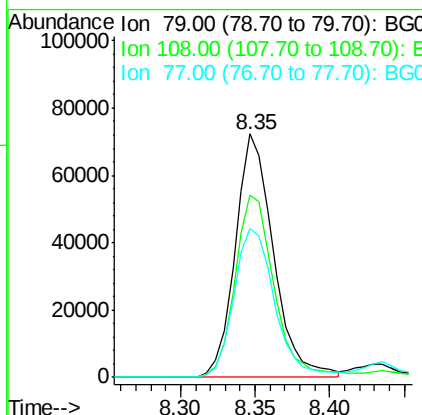
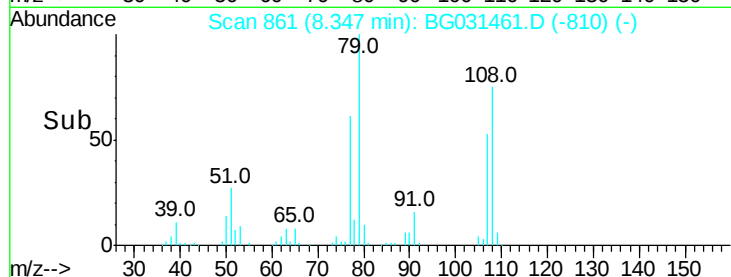
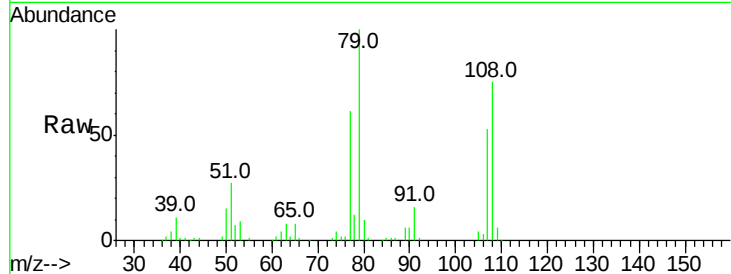
#15
Benzyl Alcohol
Concen: 46.517 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleID :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.9	57.2	85.8
77	61.3	46.1	69.1

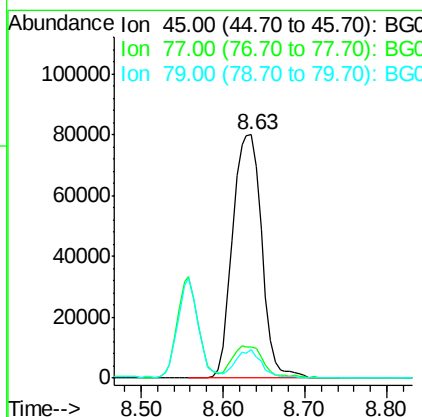
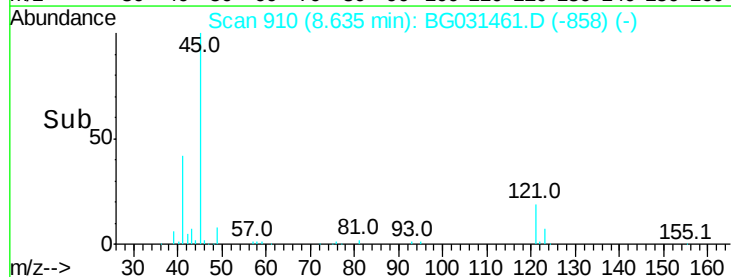
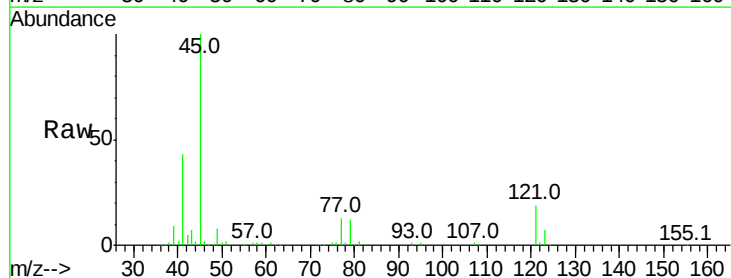
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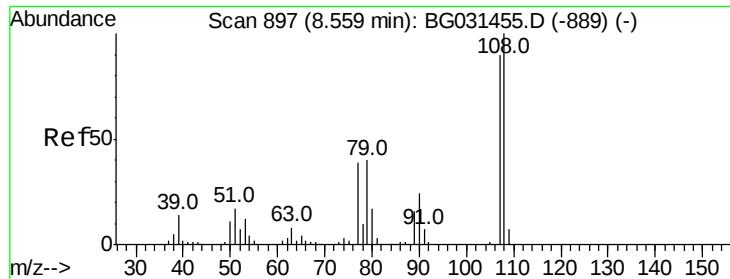
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#16
2,2'-oxybis(1-chloropropane)
Concen: 59.660 ng
RT: 8.63 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.2
79	11.6	0.0	27.9





#17

2-Methylphenol

Concen: 51.893 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

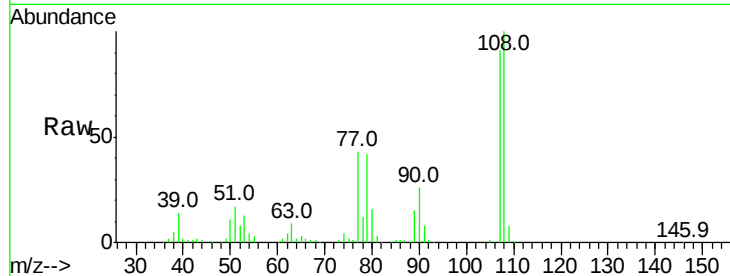
ClientSampleId :

PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	83.9	125.9	
77	46.7	37.2	55.8	
79	45.9	36.2	54.2	

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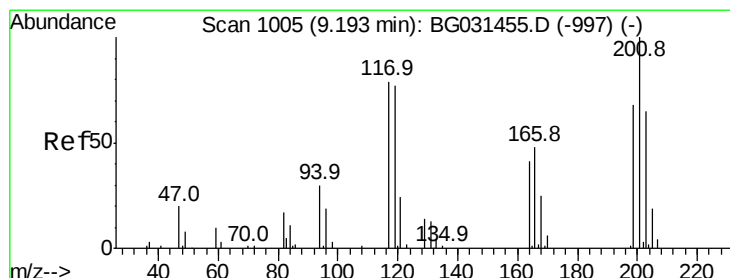
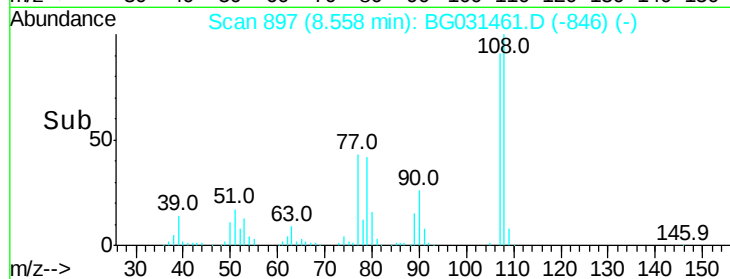
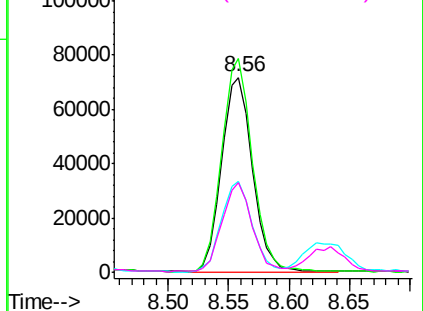


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.701 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG031461.D

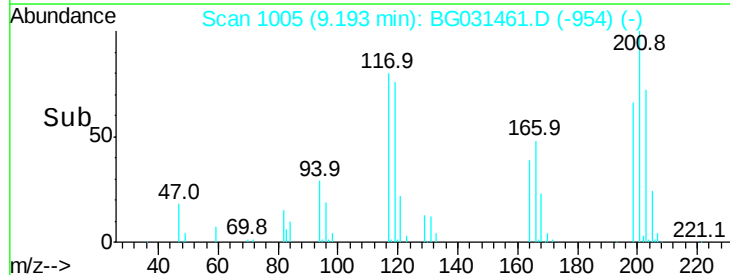
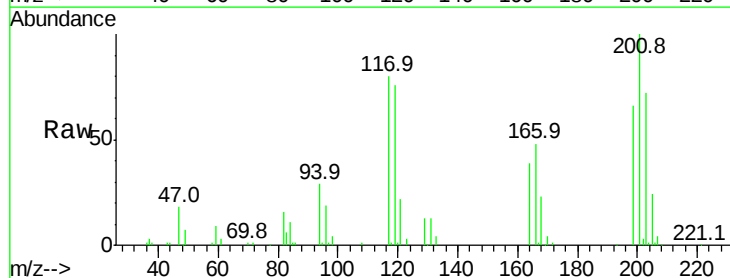
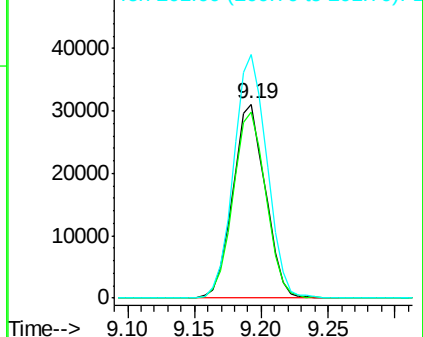
Acq: 11 Dec 2017 18:37

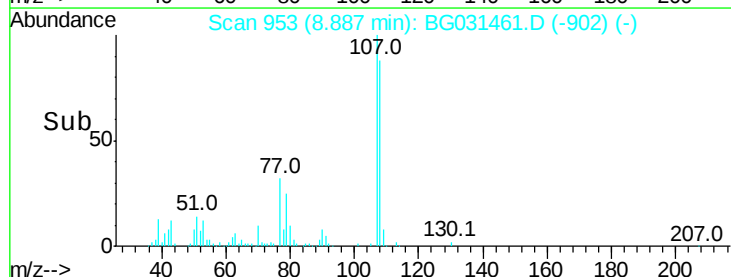
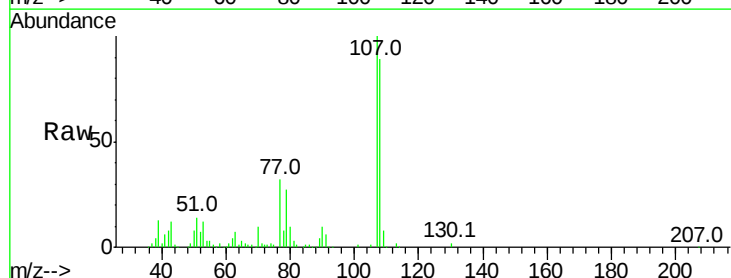
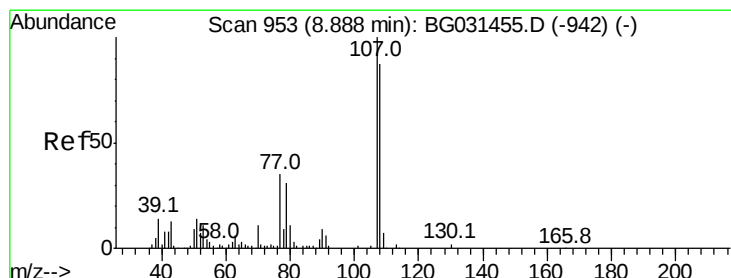
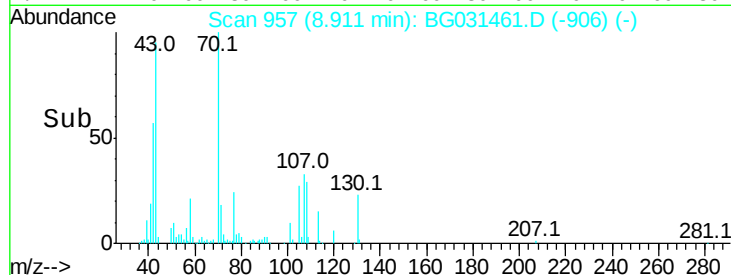
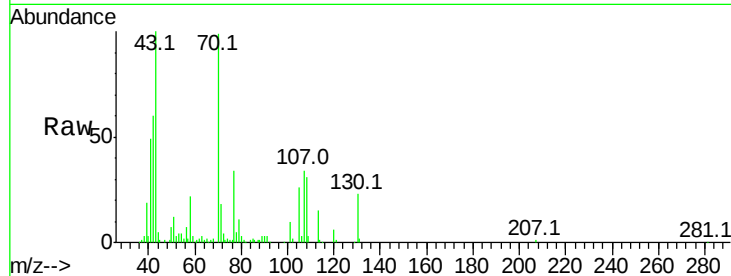
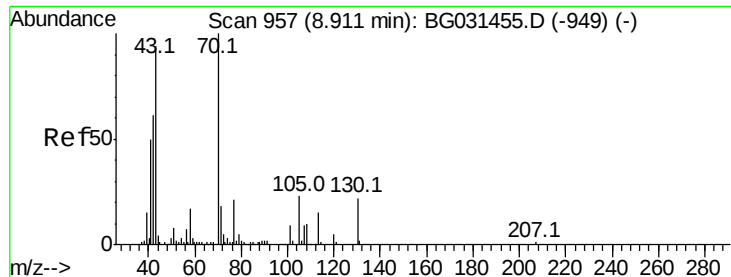
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.7	115.1	
201	125.3	95.7	143.5	

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





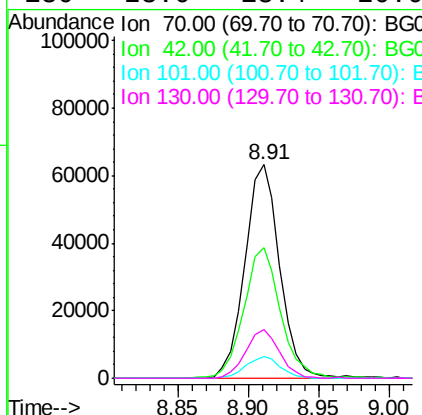
#19
n-Nitroso-di-n-propylamine
Concen: 39.278 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.1	73.7
101	10.3	8.5	12.7
130	23.0	13.4	20.0

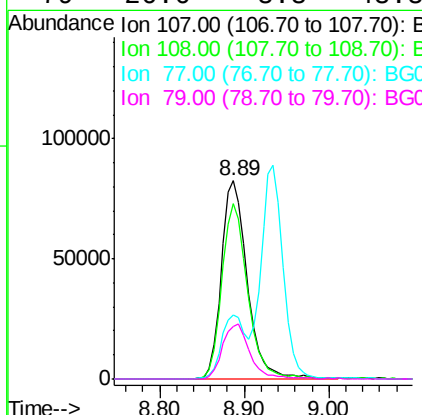
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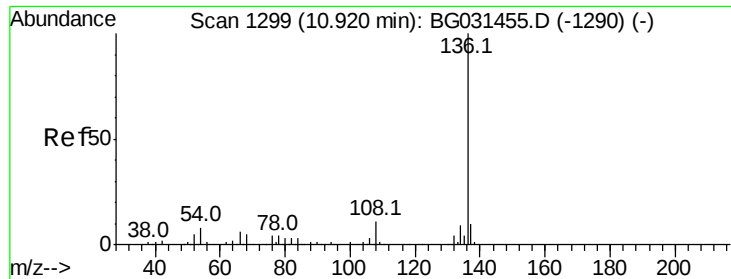
Sohil
12/12/2017 3:55:17 PM



#20
3+4-Methylphenols
Concen: 47.696 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	61.6	101.6
77	32.3	13.9	53.9
79	26.6	8.8	48.8





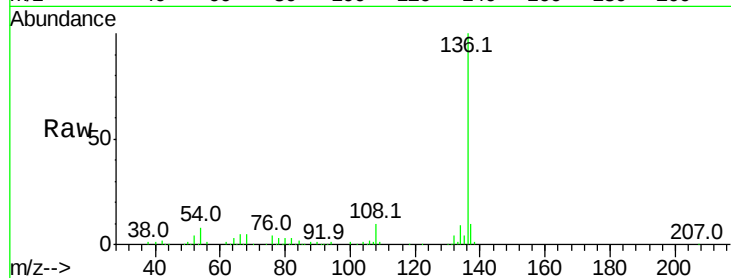
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

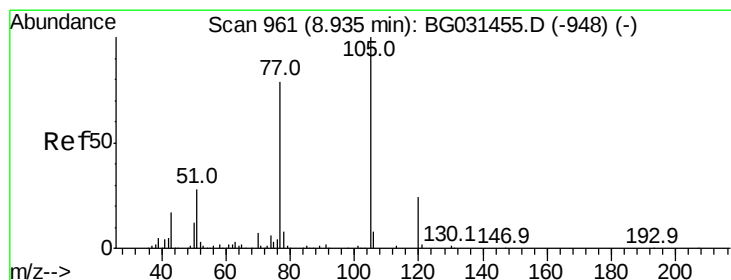
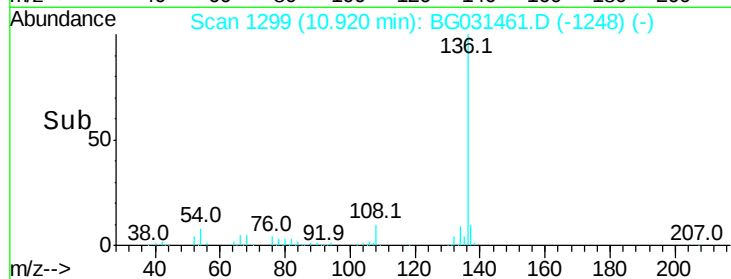
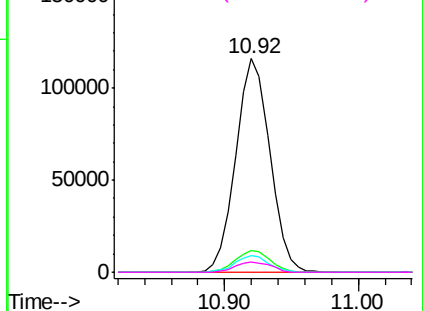
Tot Ion	Ratio	Resp	Lower	Upper
136	100	205071		
137	10.2		9.2	13.8
54	7.5		10.3	15.5#
68	4.8		4.5	6.7

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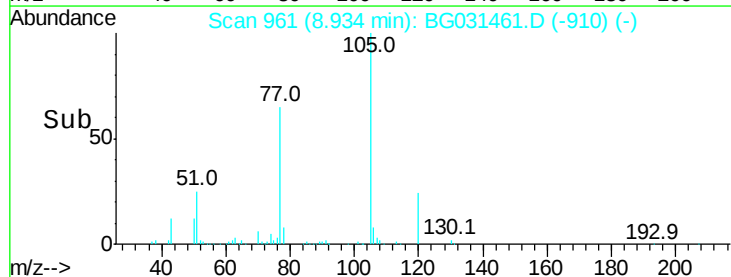
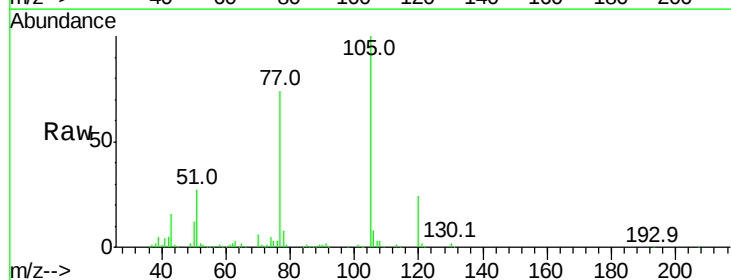
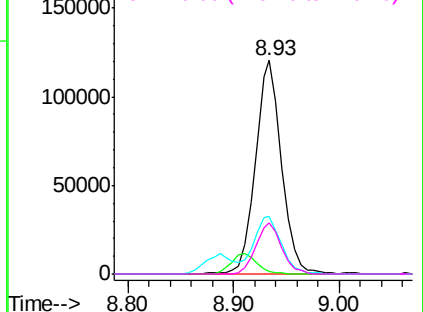
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

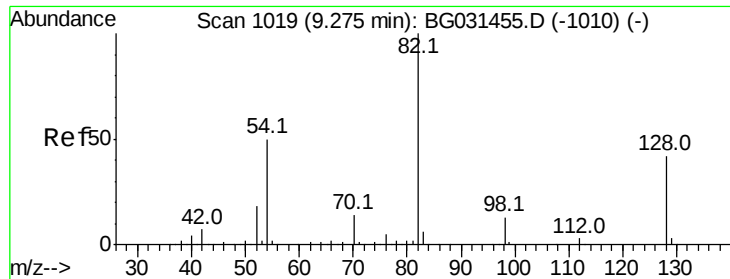


#22
Acetophenone
Concen: 42.147 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207350		
71	1.0		3.0	4.4#
51	26.7		26.1	39.1
120	23.9		17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





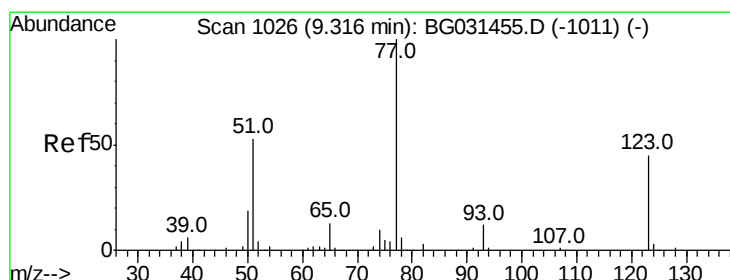
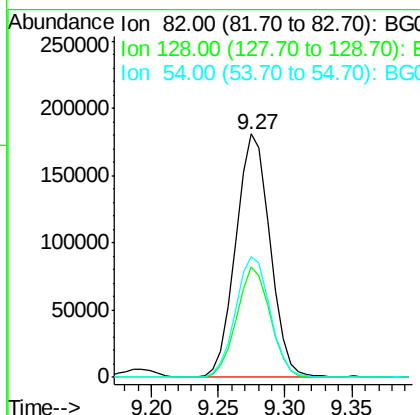
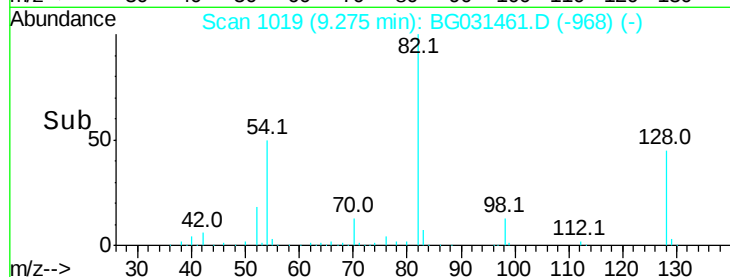
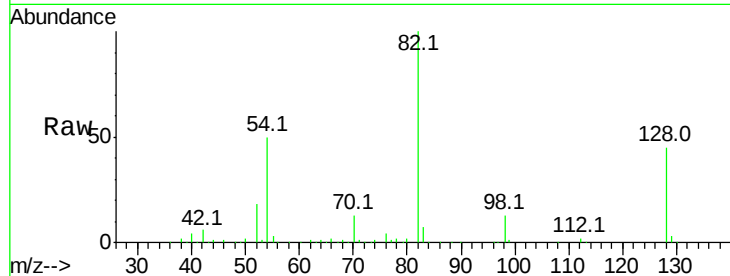
#23
 Nitrobenzene-d5
 Concen: 96.879 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleID :
 PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	29.7	44.5#	
54	49.8	43.1	64.7	

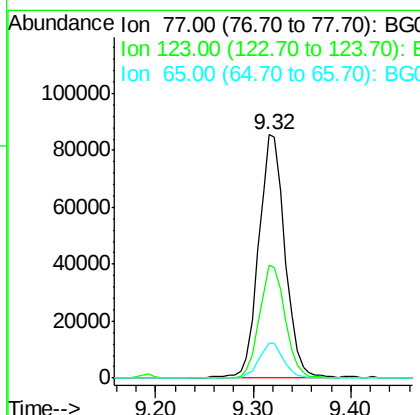
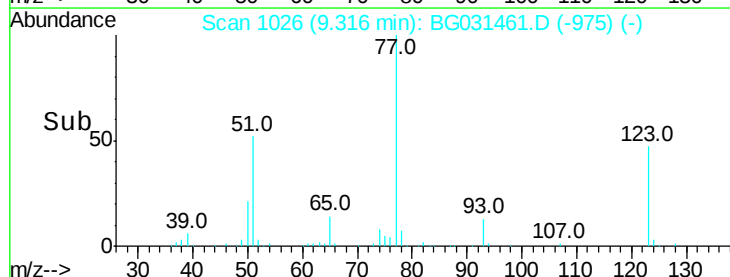
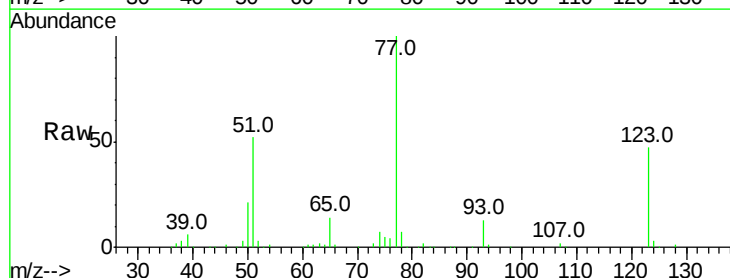
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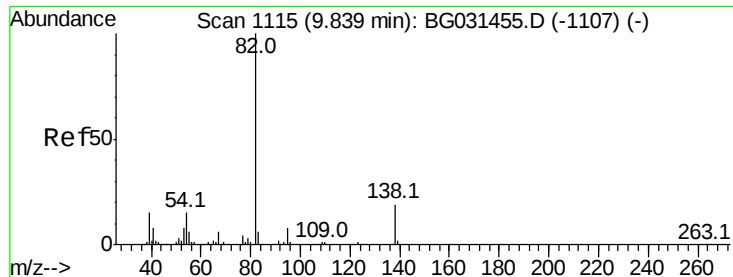
Sohil
 12/12/2017 3:55:17 PM



#24
 Nitrobenzene
 Concen: 47.695 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.5	33.0	49.6	
65	14.3	13.0	19.6	





#25

Isophorone

Concen: 49.704 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

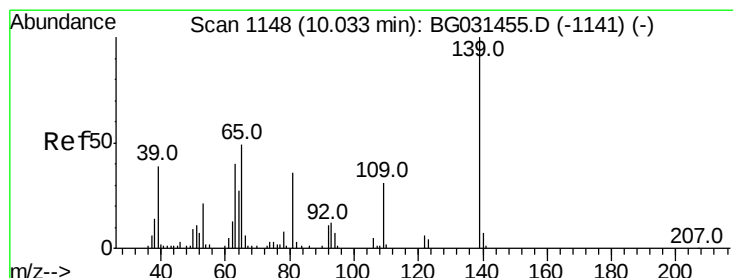
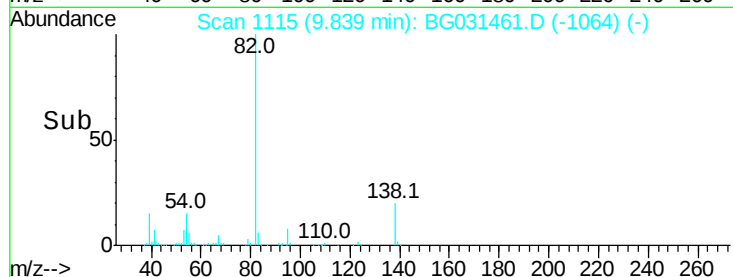
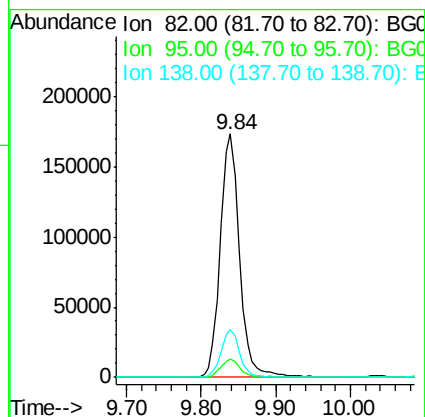
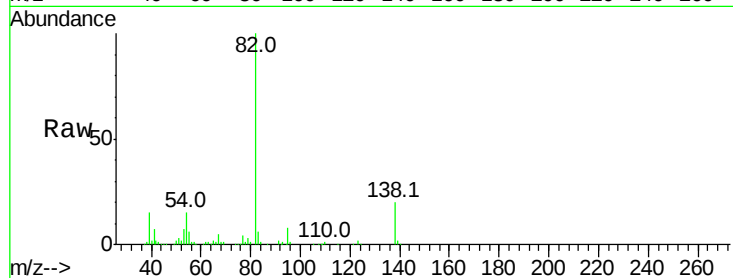
ClientSampleId :

PB104880BSD

Tot Ion	82	Resp	312521
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.2
138	19.8	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.554 ng

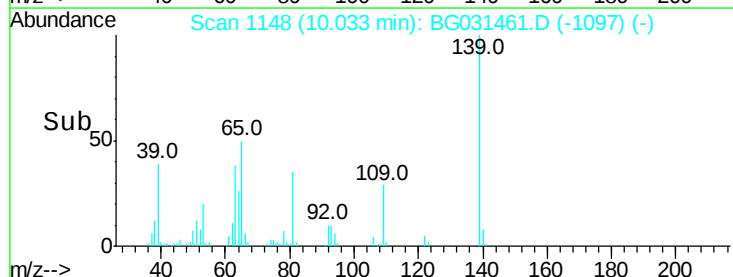
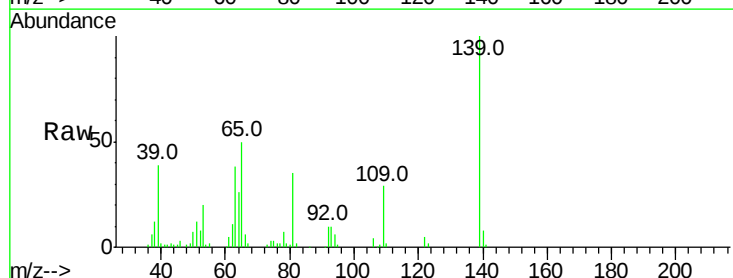
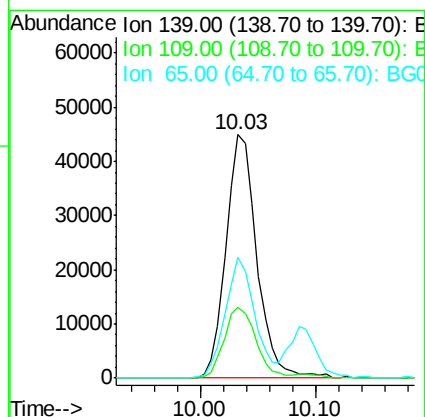
RT: 10.03 min Scan# 1148

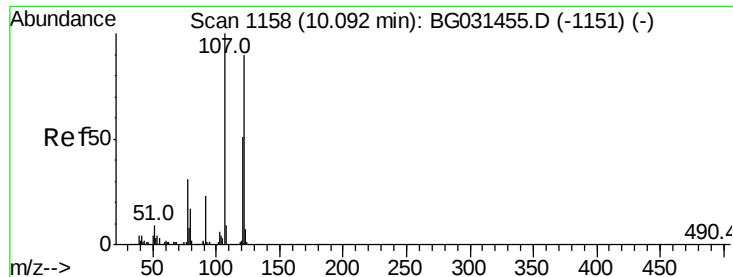
Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion	139	Resp	83541
Ion Ratio	Lower	Upper	
139	100		
109	29.0	24.2	36.2
65	49.8	47.4	71.0





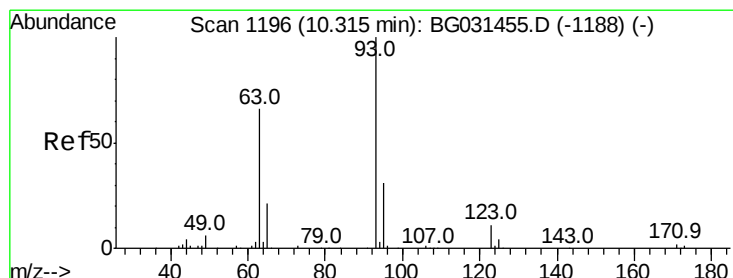
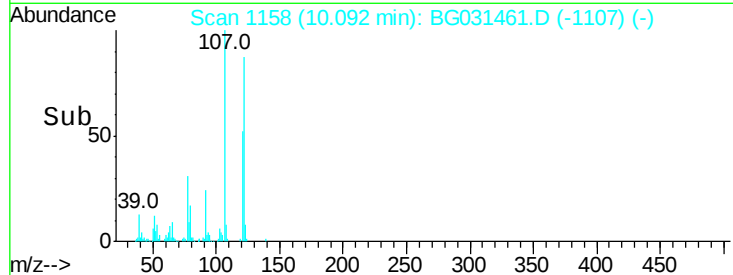
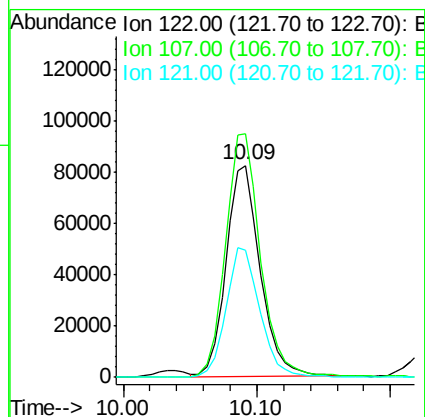
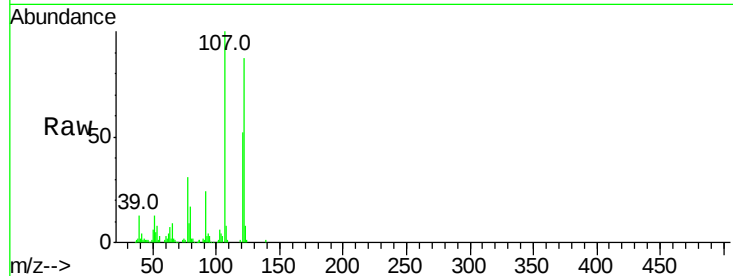
#27
2,4-Dimethylphenol
Concen: 57.229 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	100.2	150.2
121	60.1	44.4	66.6

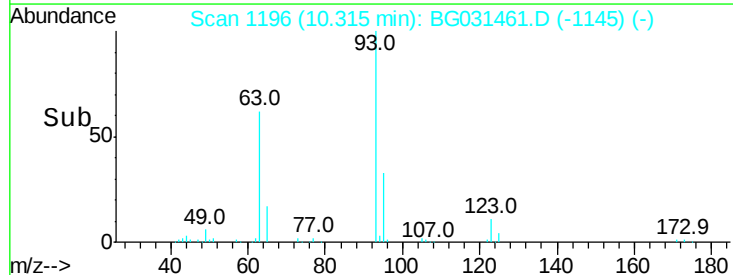
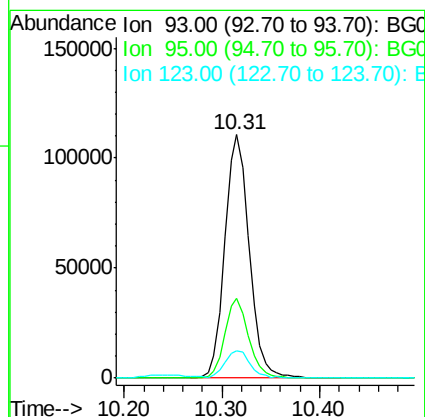
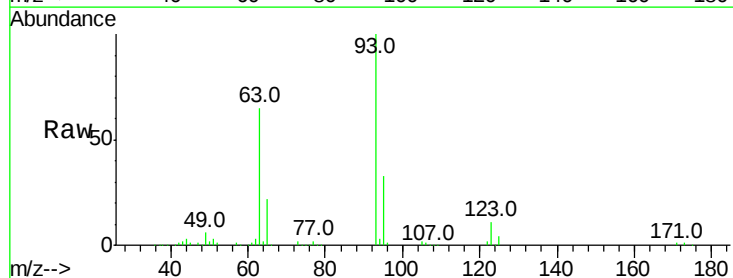
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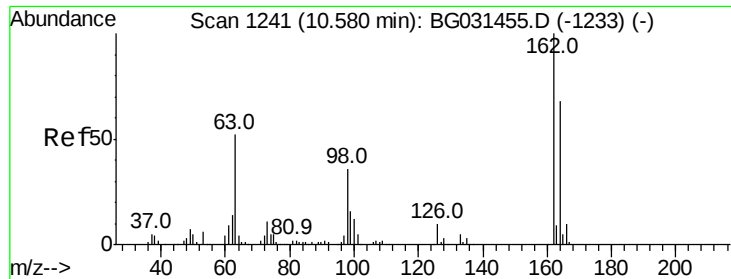
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#28
bis(2-Chloroethoxy)methane
Concen: 47.279 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	11.3	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.635 ng

RT: 10.58 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

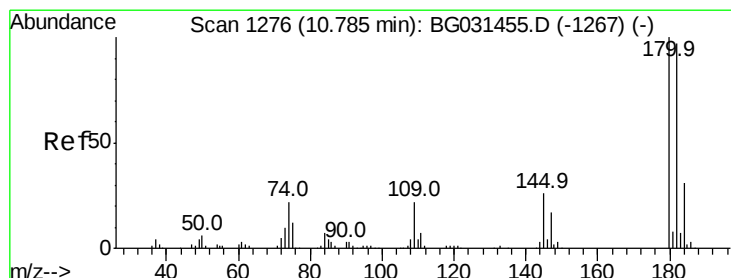
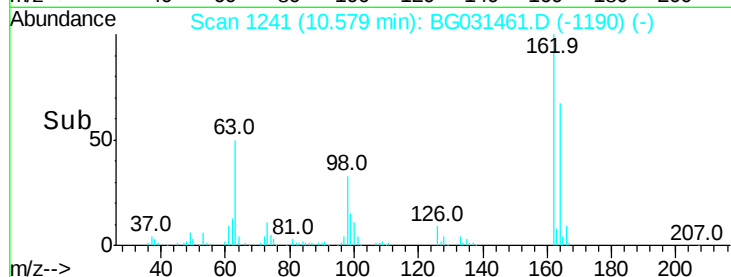
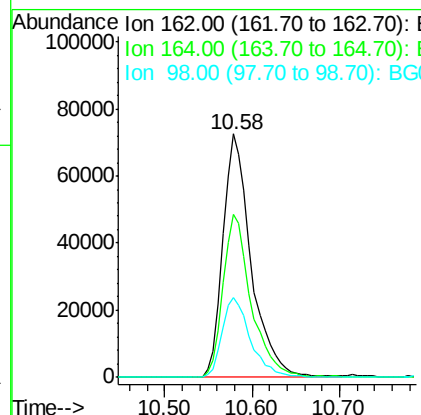
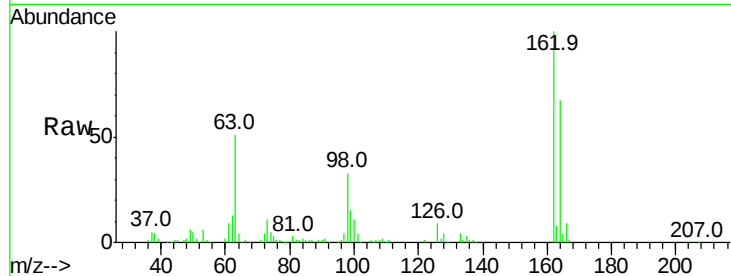
ClientSampled :

PB104880BSD

Tot Ion:	162	Resp:	161831
Ion Ratio	Lower	Upper	
162	100		
164	66.8	48.0	88.0
98	32.8	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 45.134 ng

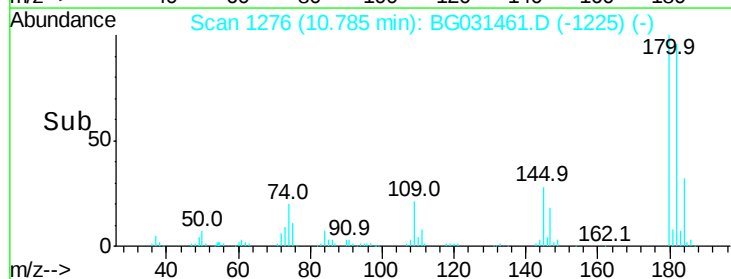
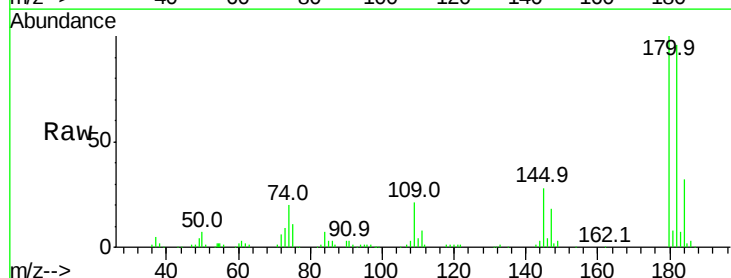
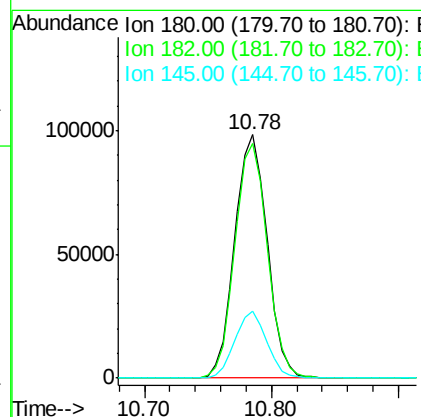
RT: 10.78 min Scan# 1276

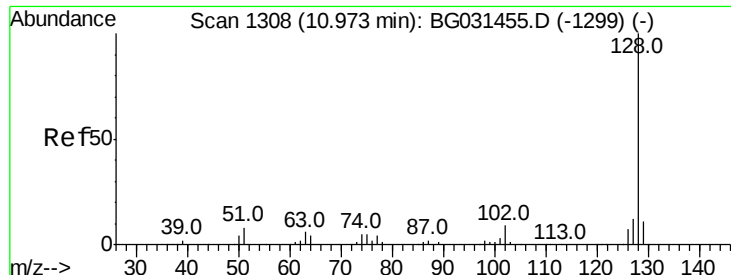
Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	180	Resp:	173952
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.5	116.3
145	27.5	23.4	35.2





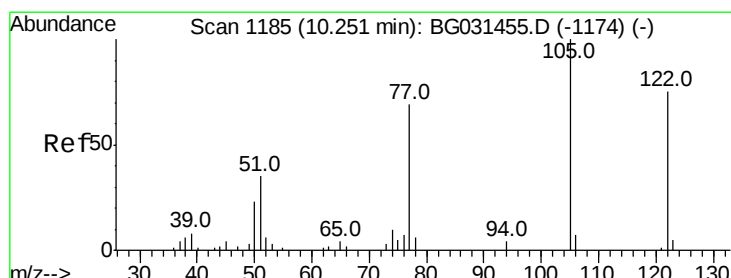
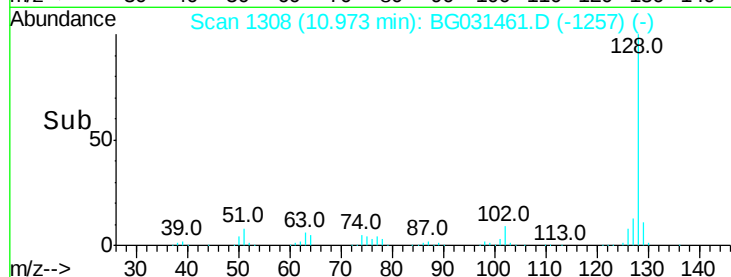
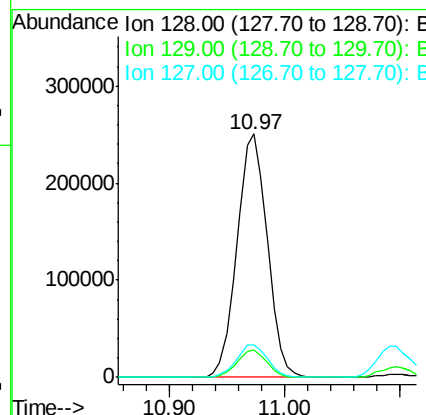
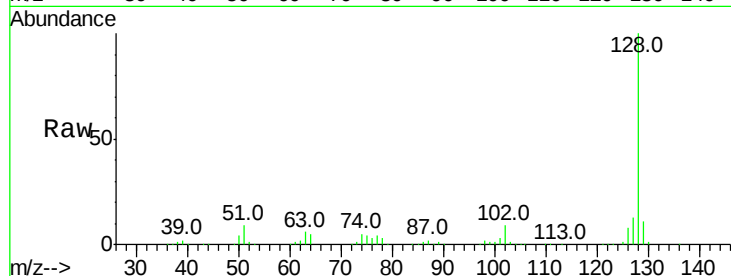
#31
Naphthalene
Concen: 45.067 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.5	11.6	17.4

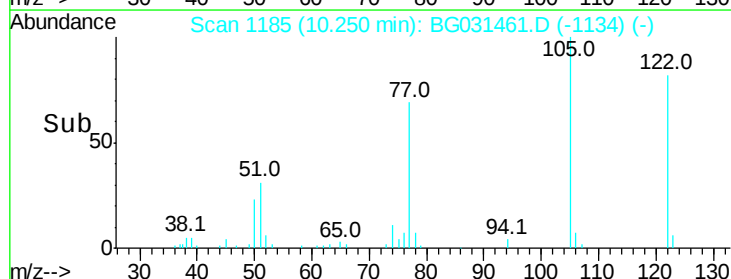
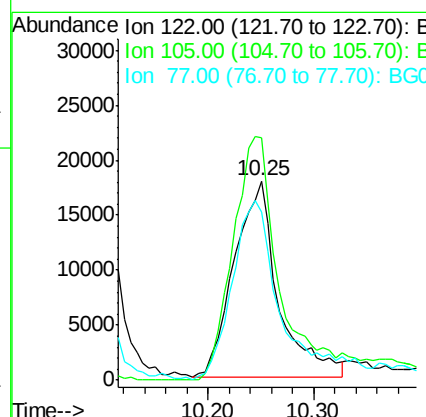
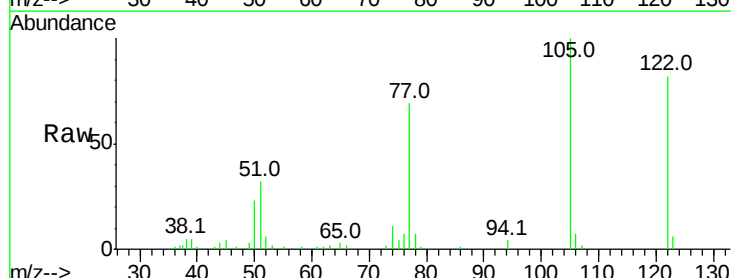
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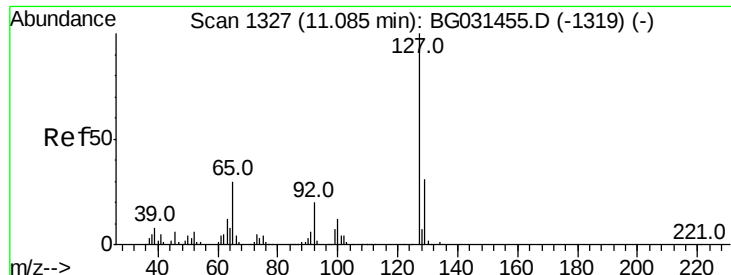
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#32
Benzoic acid
Concen: 38.040 ng
RT: 10.25 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	123.5	163.5#
77	84.4	85.7	125.7#





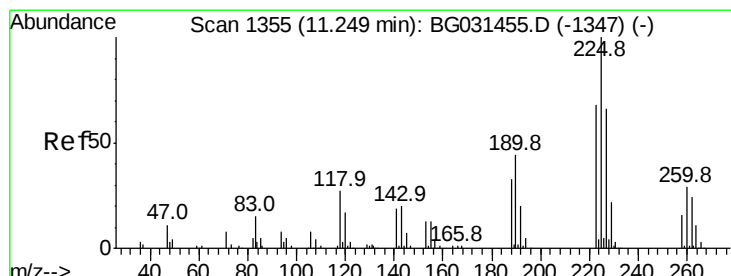
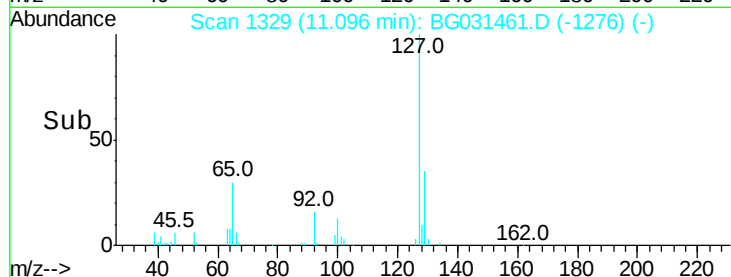
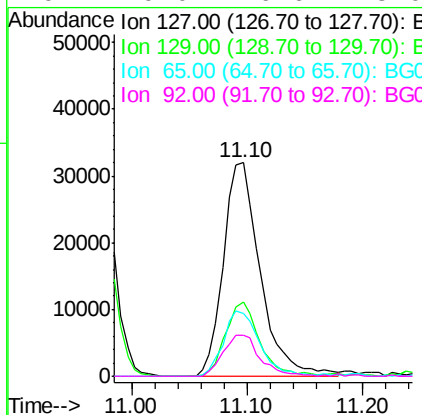
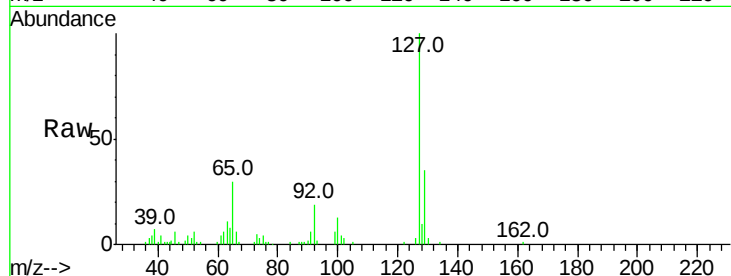
#33
4-Chloroaniline
Concen: 16.164 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.8	24.0	36.0		
65	29.6	27.0	40.4		
92	19.0	16.6	25.0		

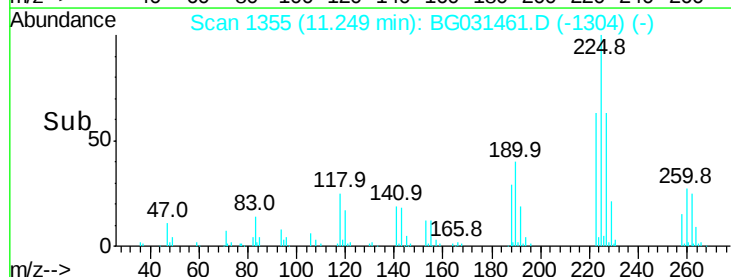
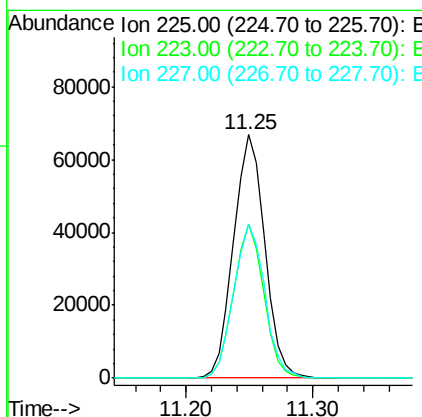
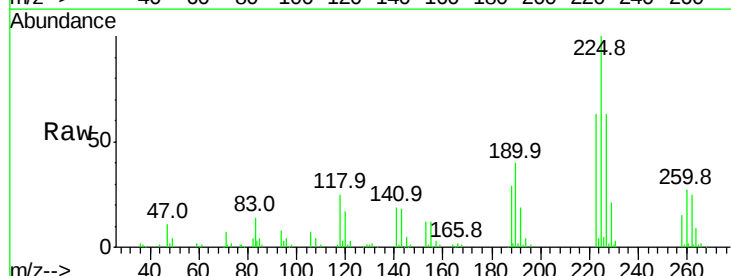
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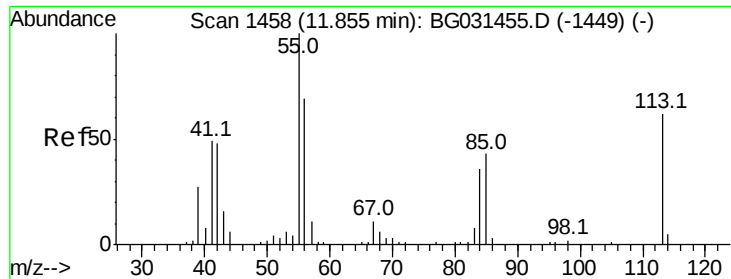
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#34
Hexachlorobutadiene
Concen: 44.689 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.7	74.5		
227	63.4	48.1	72.1		





#35

Caprolactam

Concen: 52.111 ng/mL

RT: 11.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

ClientSampleID :

PB104880BSD

Tot Ion:113 Resp: 61740

Ion Ratio Lower Upper

113 100

55 167.0 186.9 226.9#

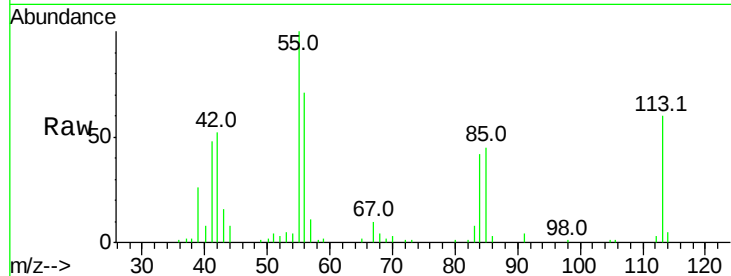
56 118.3 130.9 170.9#

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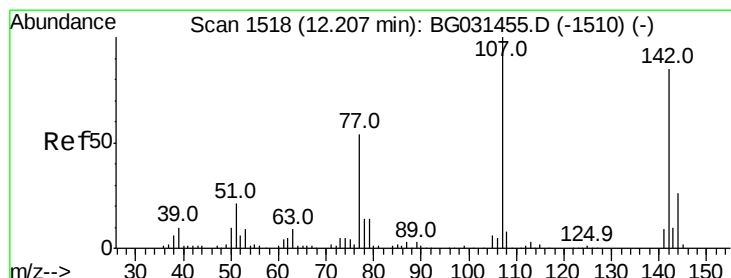
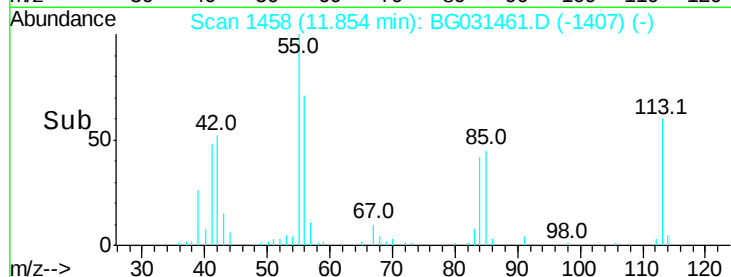
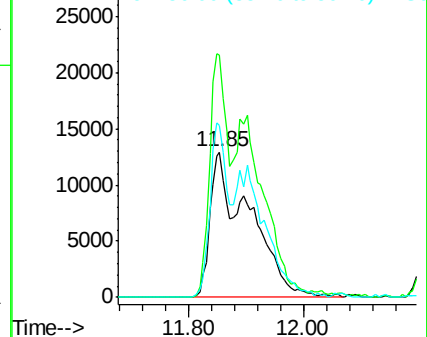
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.547 ng/mL

RT: 12.21 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

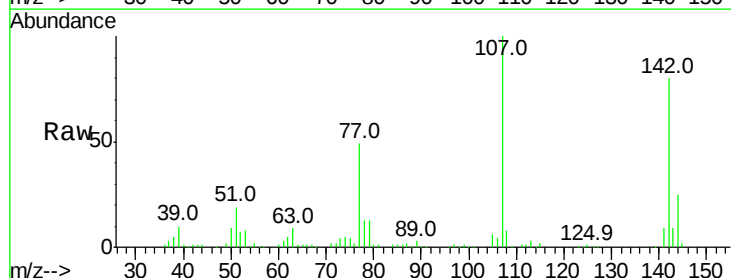
Tgt Ion:107 Resp: 174089

Ion Ratio Lower Upper

107 100

144 24.9 18.2 27.4

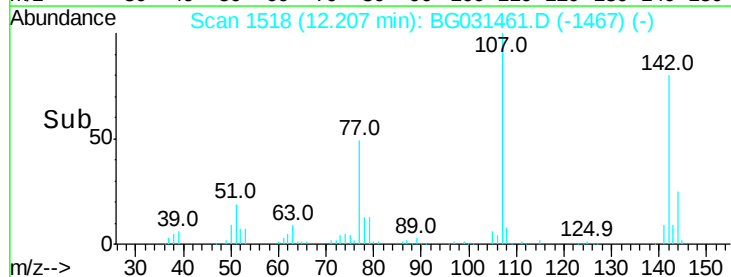
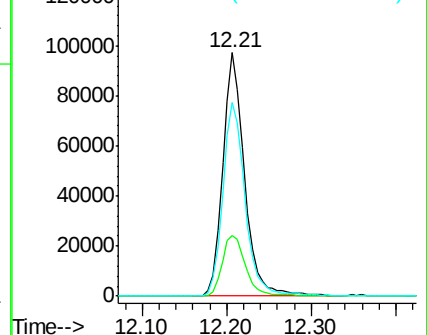
142 79.7 59.0 88.4

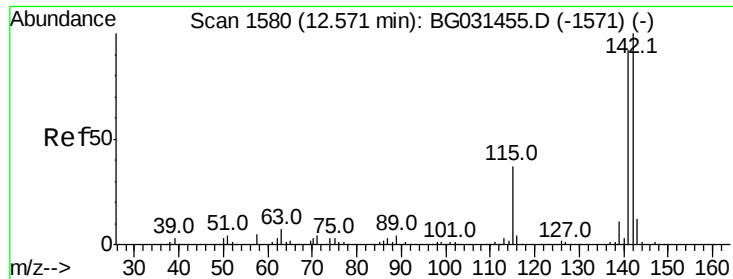


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





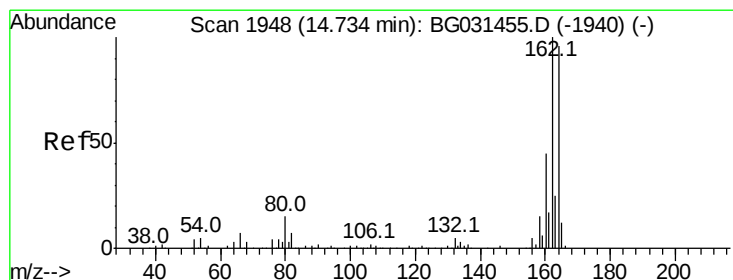
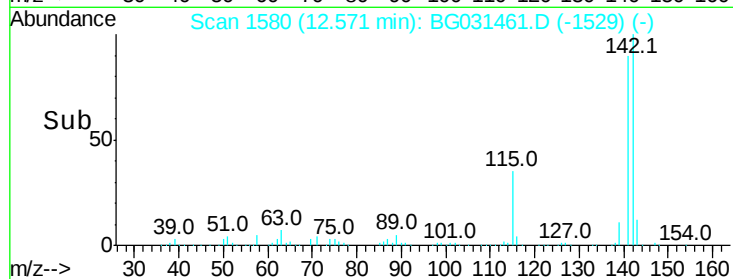
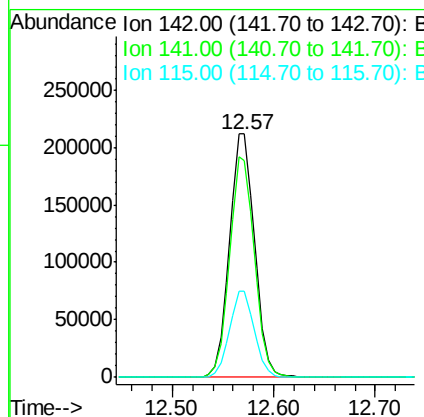
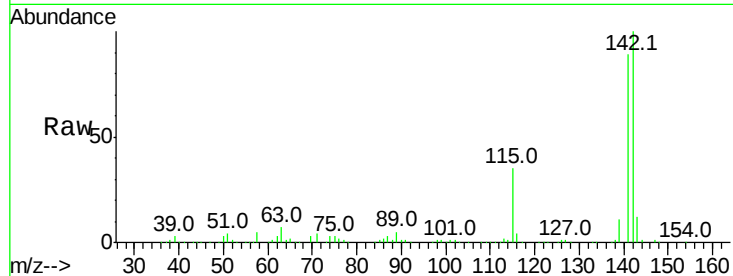
#37
2-Methylnaphthalene
Concen: 46.585 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampled :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.1	100.7
115	35.2	30.7	46.1

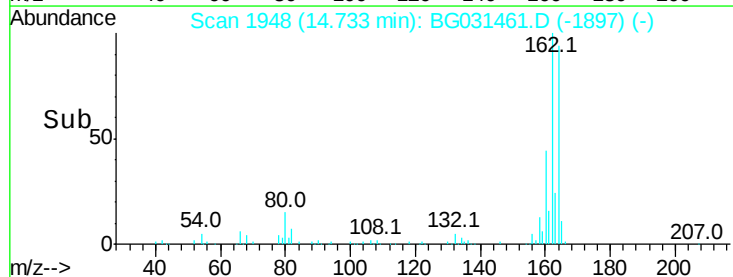
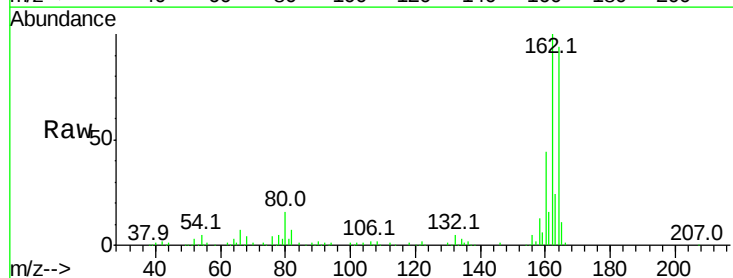
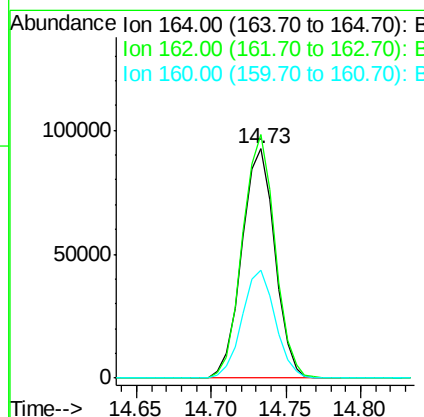
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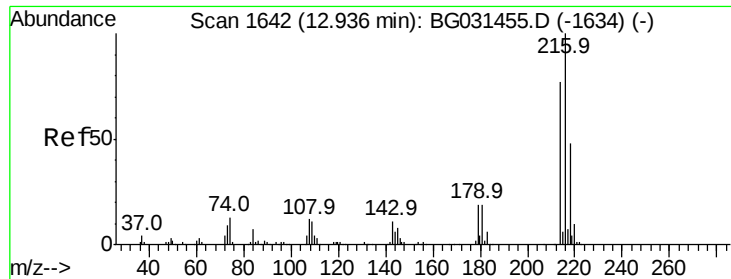
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	78.8	118.2
160	47.1	35.4	53.0





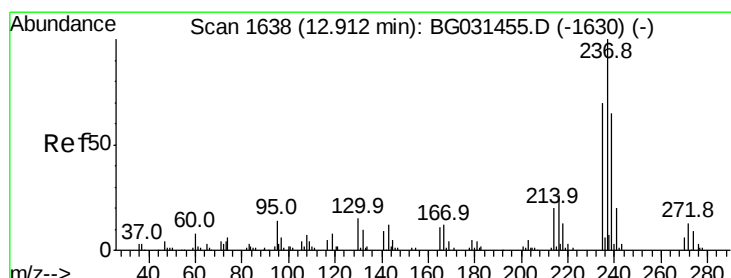
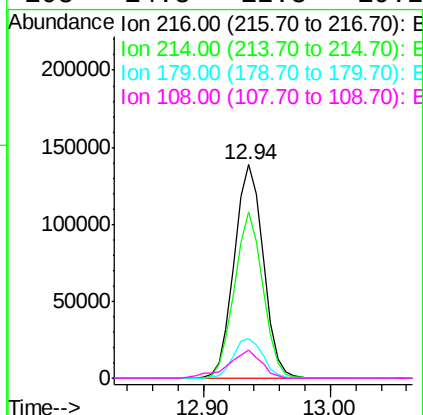
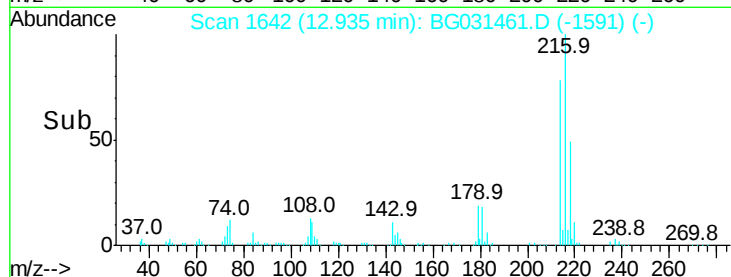
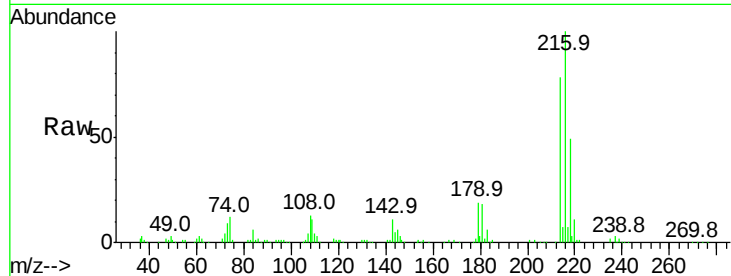
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.770 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	220496		
214	76.1		63.0	94.4
179	18.7		17.0	25.6
108	14.8		12.8	19.2

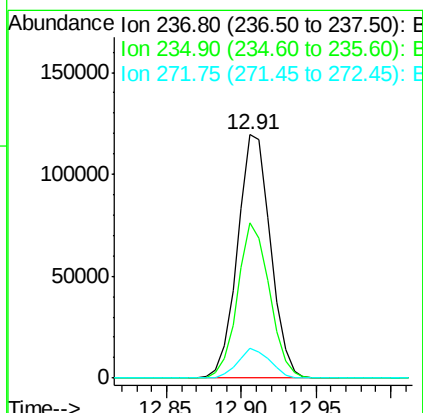
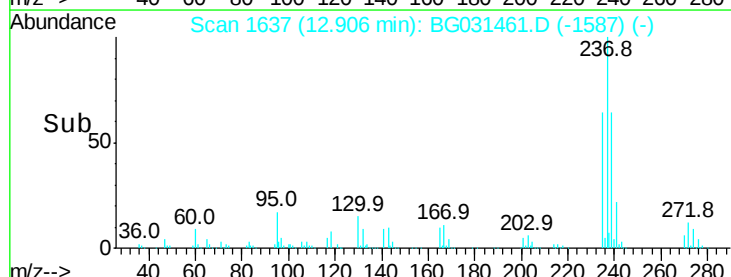
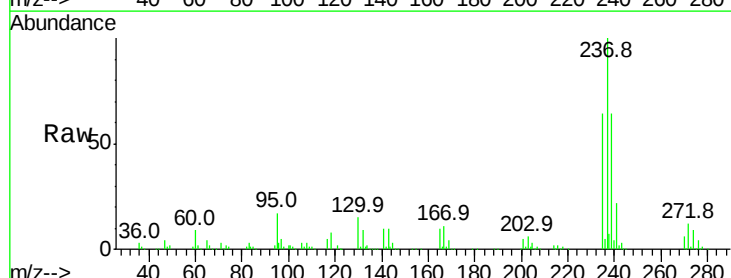
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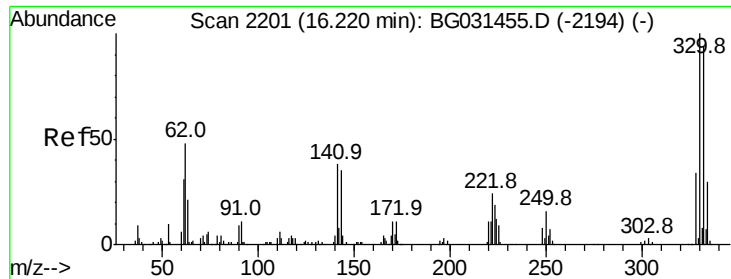
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#40
Hexachlorocyclopentadiene
Concen: 90.131 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	182576		
235	63.6		50.4	90.4
272	12.4		0.0	31.8





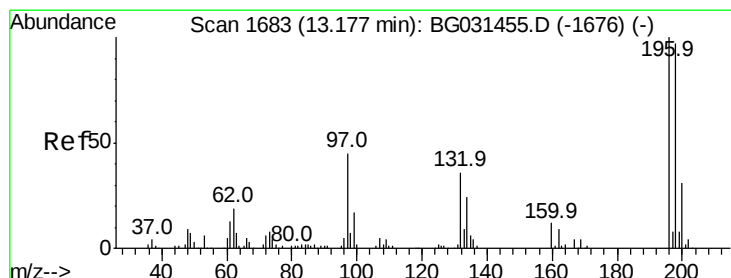
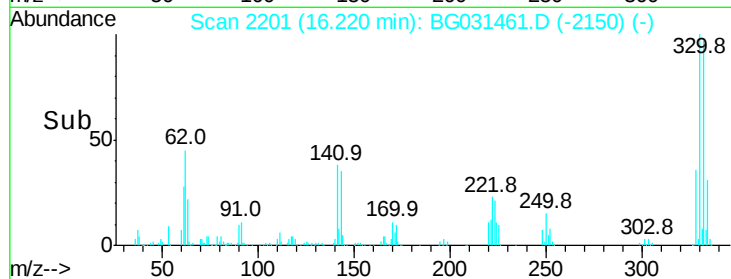
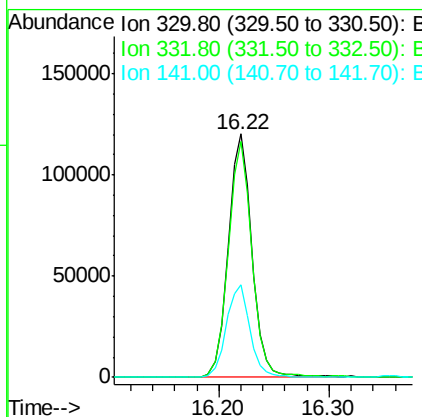
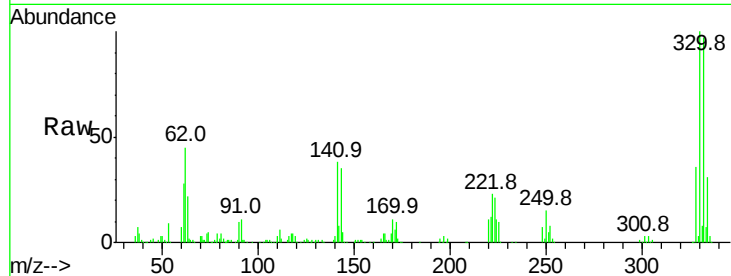
#41
 2,4,6-Tribromophenol
 Concen: 108.867 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	38.3	25.2	37.8	

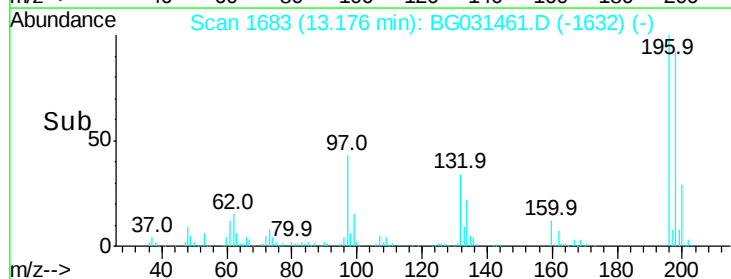
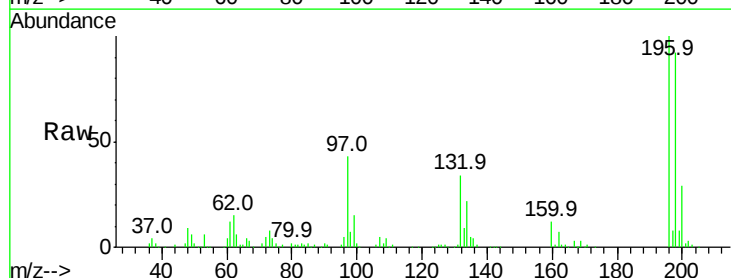
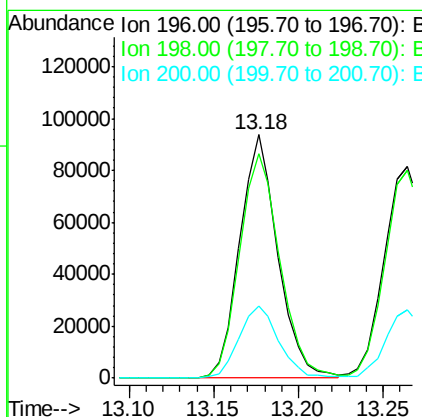
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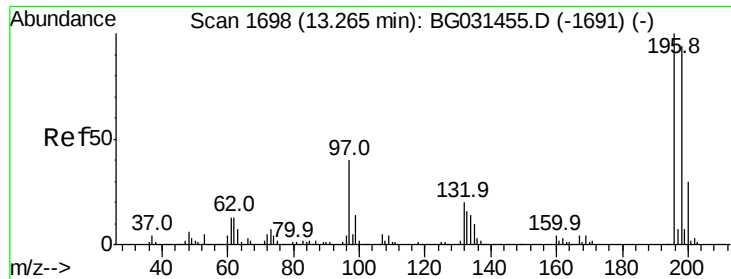
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 51.982 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.4	78.2	117.2	
200	29.4	24.6	36.8	





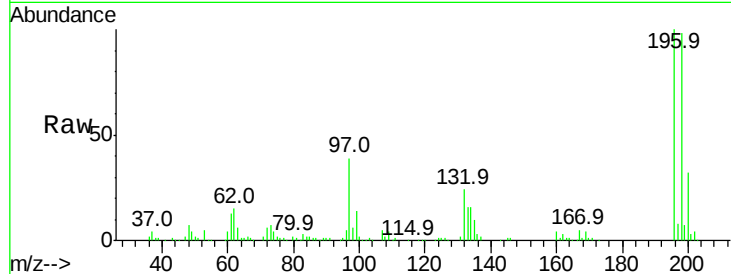
#43
 2,4,5-Trichlorophenol
 Concen: 53.215 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162375		
198	98.2	76.2	114.4	
97	38.6	38.7	58.1#	
132	23.9	20.2	30.2	

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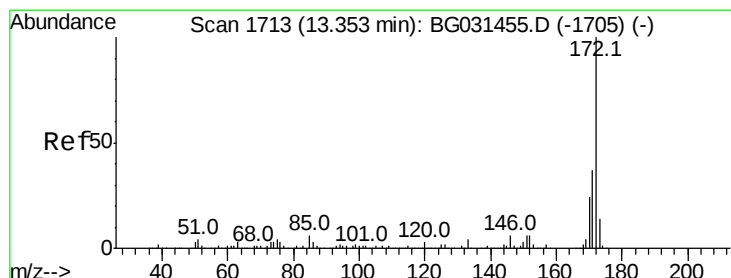
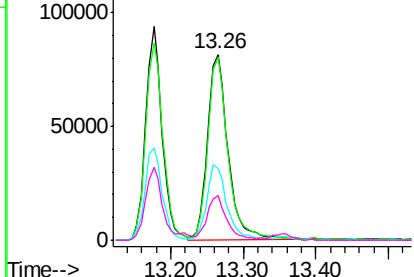
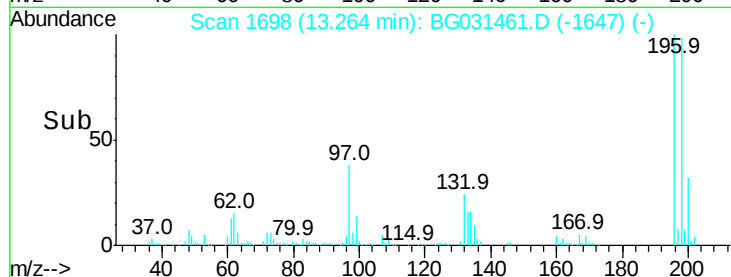
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

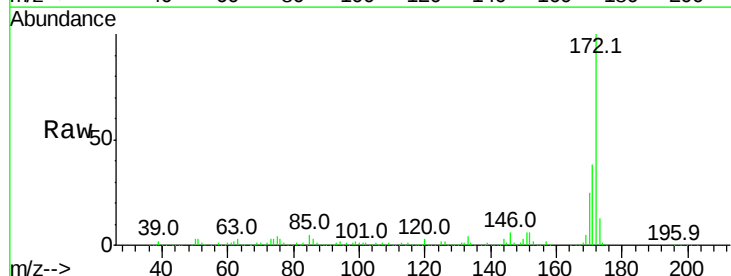
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.004 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	927821		
171	37.8	30.0	45.0	
170	25.0	19.5	29.3	

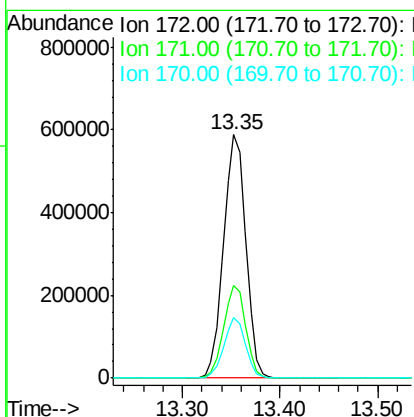
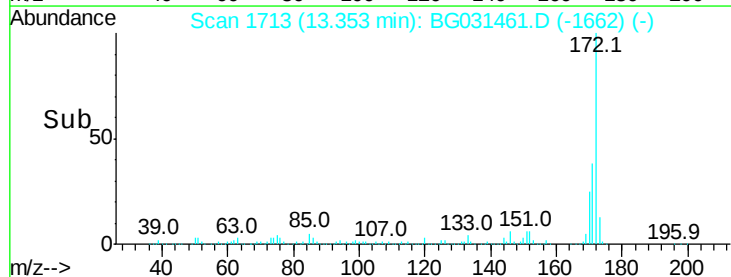


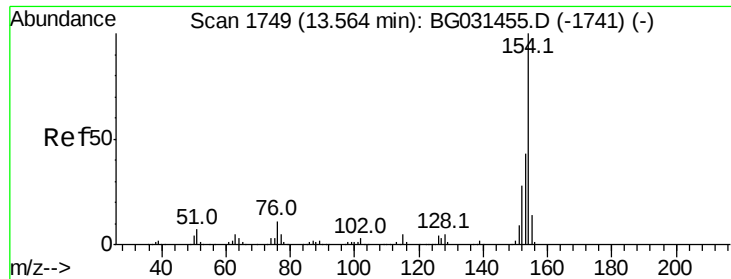
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.528 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

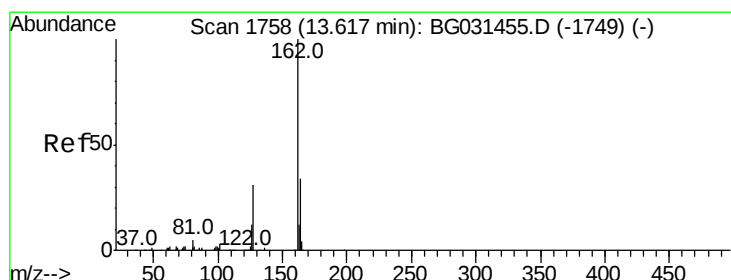
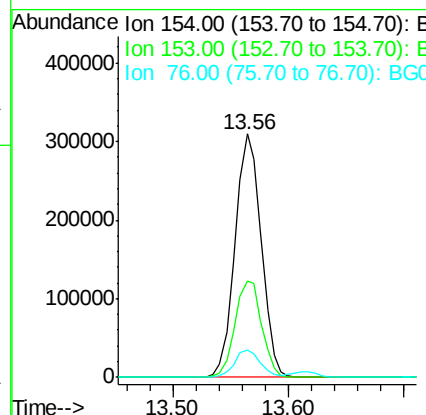
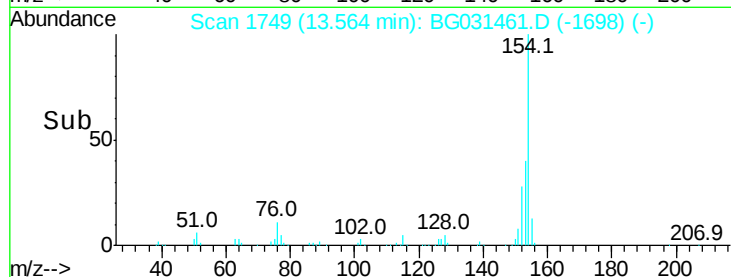
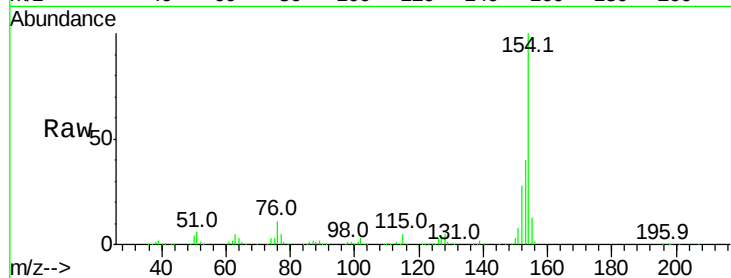
ClientSampleId :

PB104880BSD

Tot Ion:	154	Resp:	483862
Ion Ratio	Lower	Upper	
154	100		
153	39.8	19.8	59.8
76	11.2	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 46.810 ng

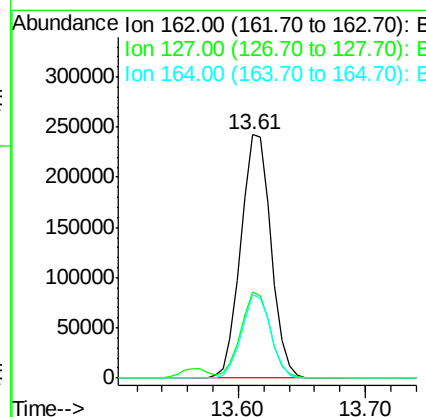
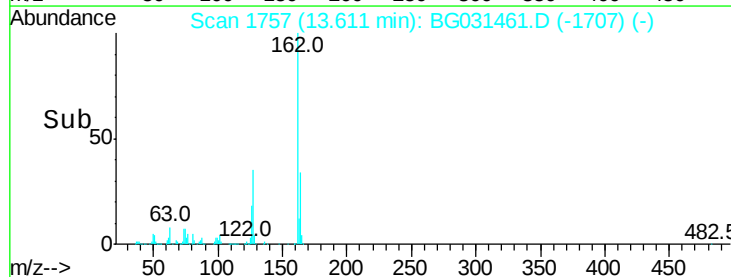
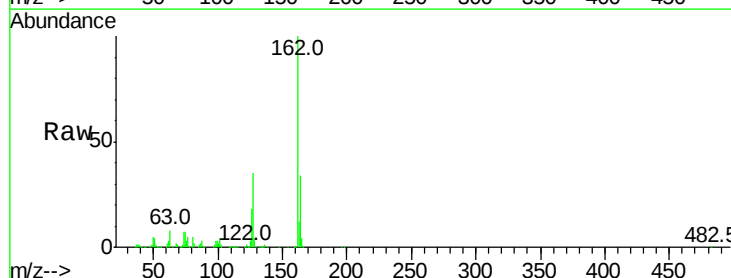
RT: 13.61 min Scan# 1757

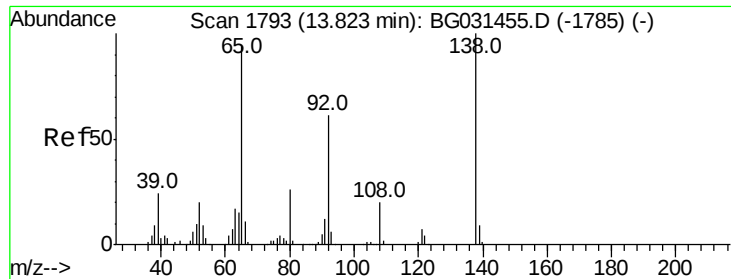
Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	162	Resp:	399191
Ion Ratio	Lower	Upper	
162	100		
127	35.4	30.7	46.1
164	34.2	26.0	39.0





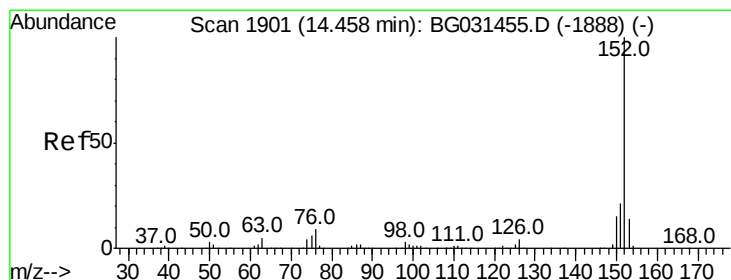
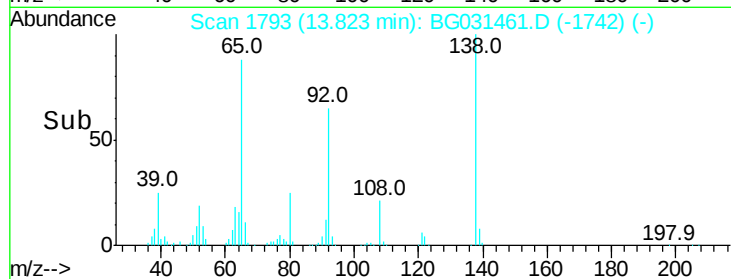
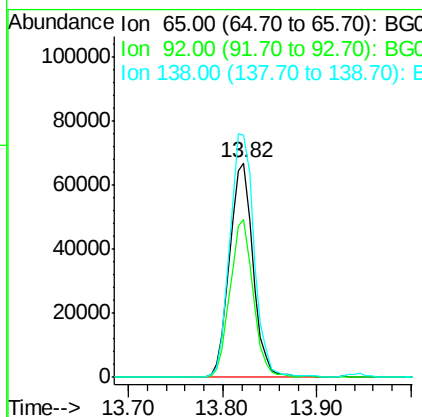
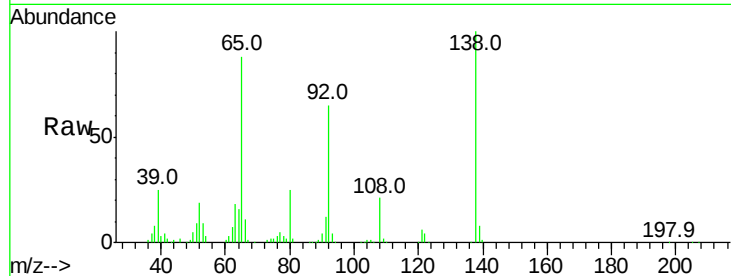
#47
2-Nitroaniline
Concen: 48.892 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	54.6	82.0
138	113.4	72.9	109.3

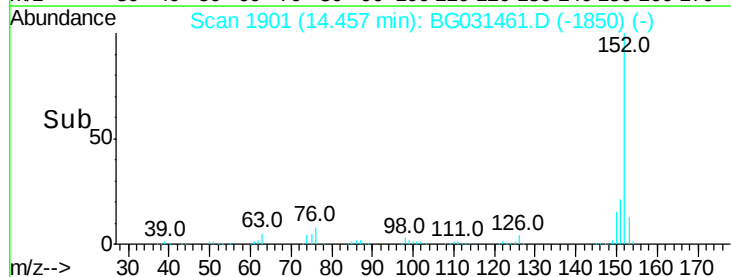
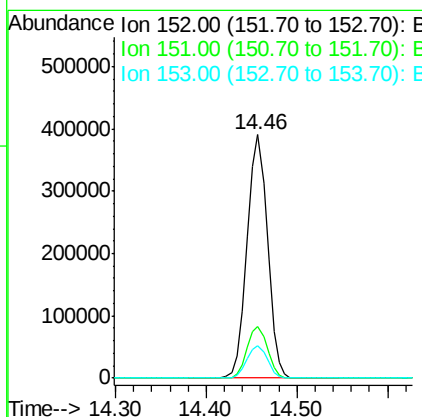
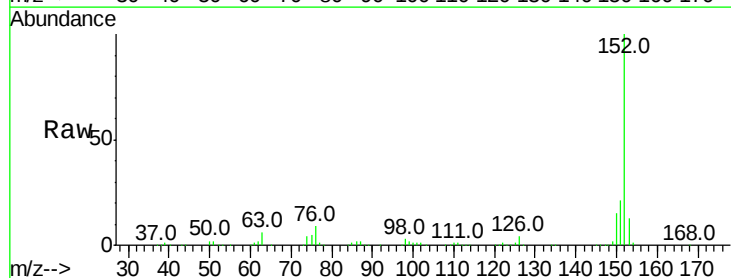
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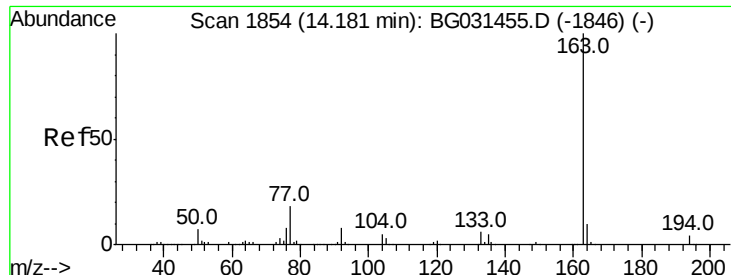
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#48
Acenaphthylene
Concen: 44.548 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.1	10.2	15.4





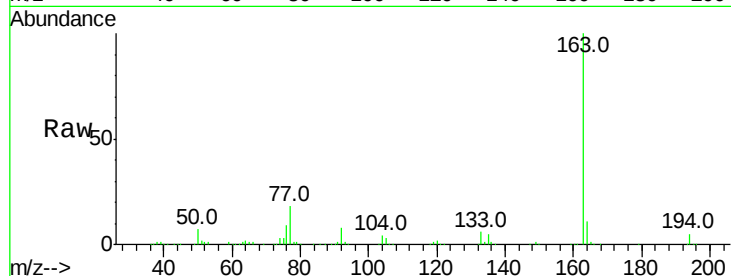
#49
Dimethylphthalate
Concen: 46.862 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.8		3.4	5.2
164	10.7		8.2	12.4

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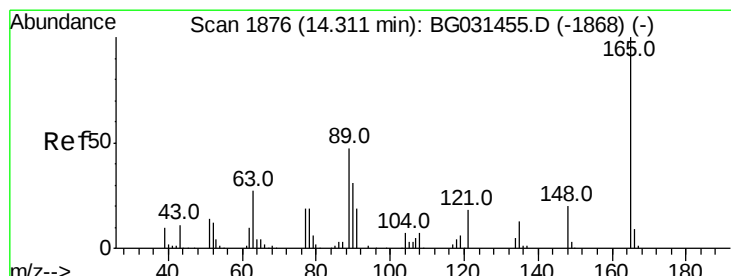
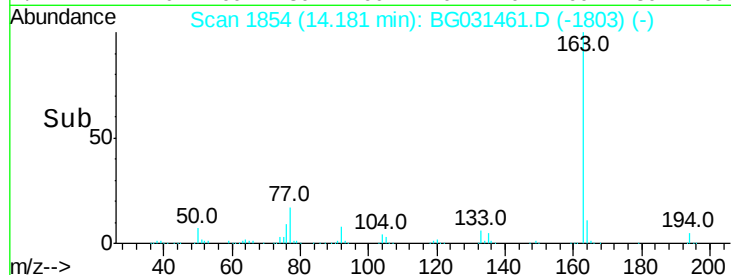
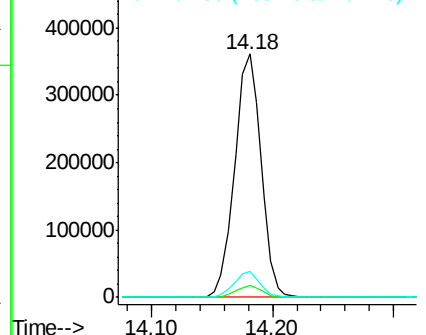


Abundance

Ion 163.00 (162.70 to 163.70): E

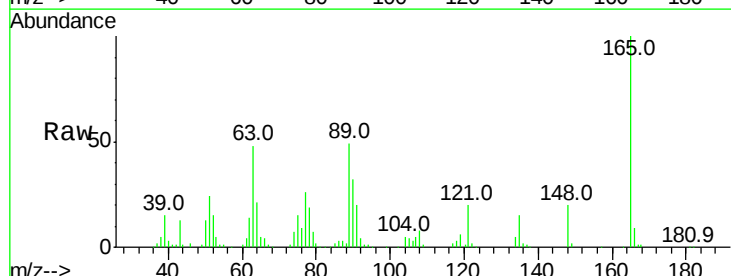
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 50.406 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7		52.7	79.1#
89	48.7		49.2	73.8#

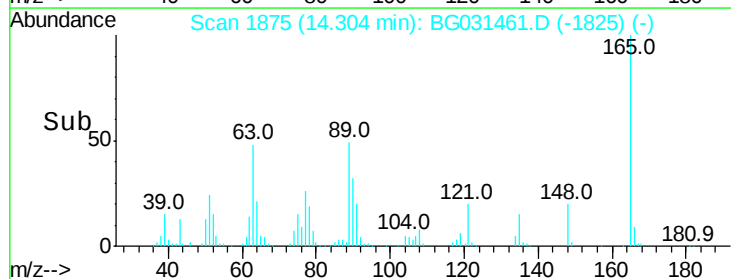
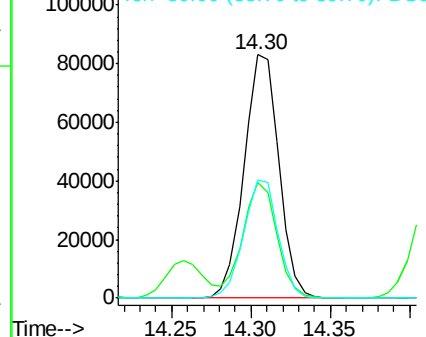


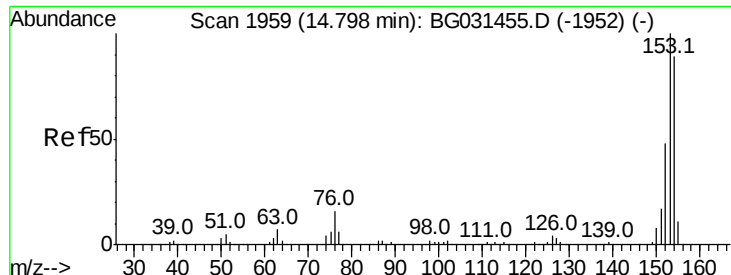
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.771 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

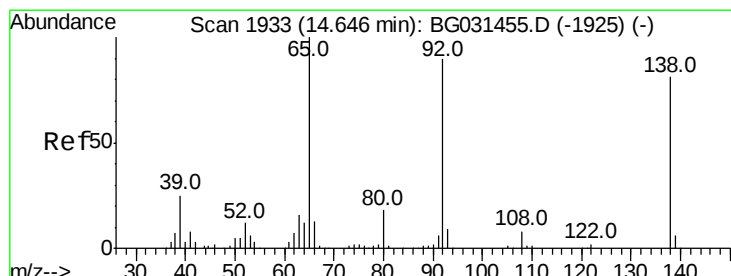
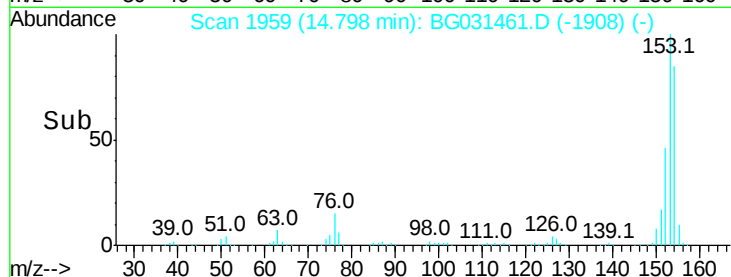
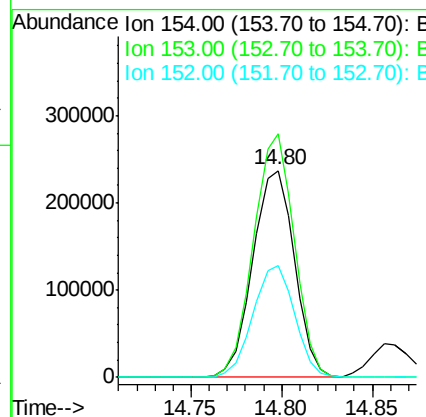
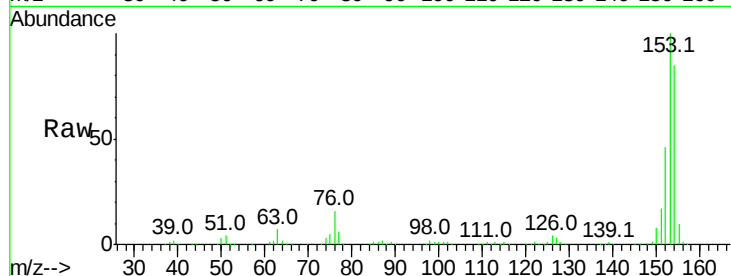
ClientSampleId :

PB104880BSD

Tot Ion:	154	Resp:	379784
Ion Ratio	Lower	Upper	
154	100		
153	117.8	90.4	135.6
152	54.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 27.060 ng

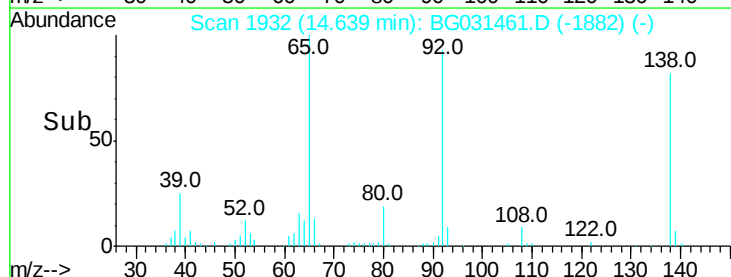
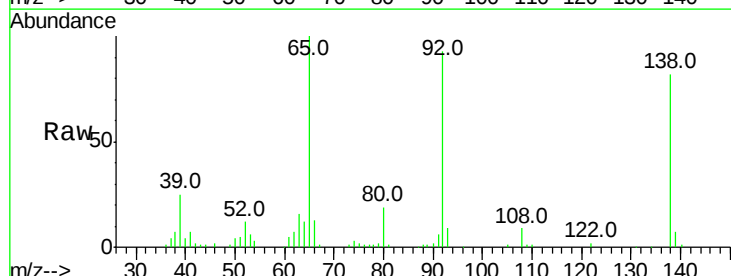
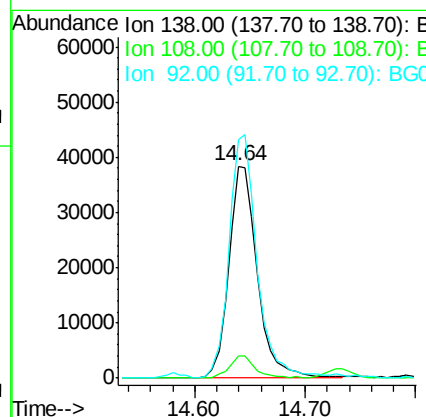
RT: 14.64 min Scan# 1932

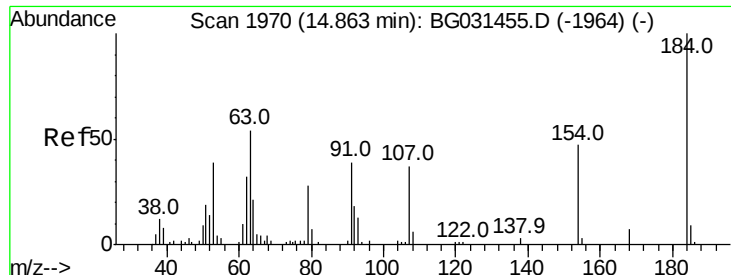
Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	138	Resp:	69248
Ion Ratio	Lower	Upper	
138	100		
108	10.4	17.5	26.3#
92	112.5	105.8	158.8





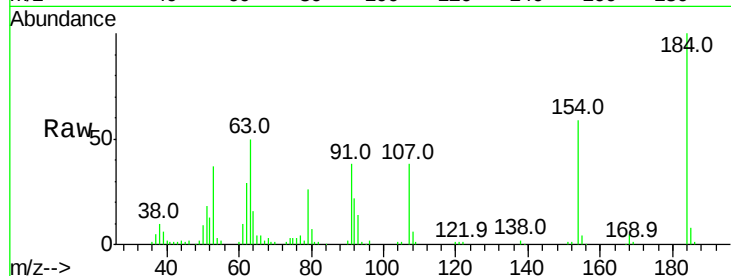
#53
 2,4-Dinitrophenol
 Concen: 112.285 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

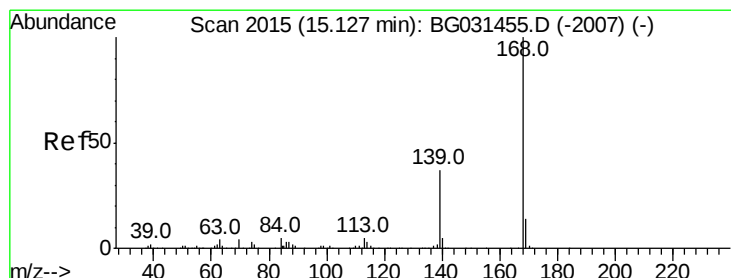
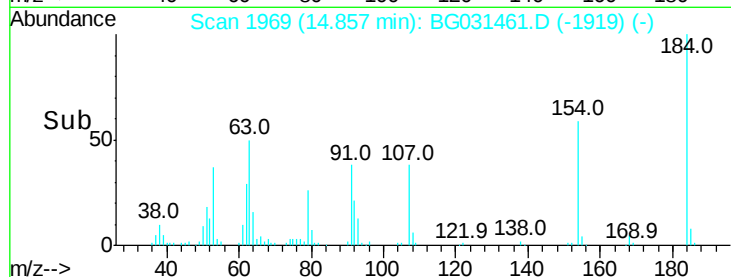
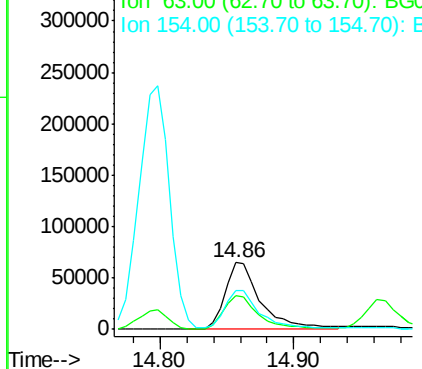
Tot Ion	Ratio	Lower	Upper
184	100		
63	50.3	59.8	89.8#
154	58.7	101.8	152.8#

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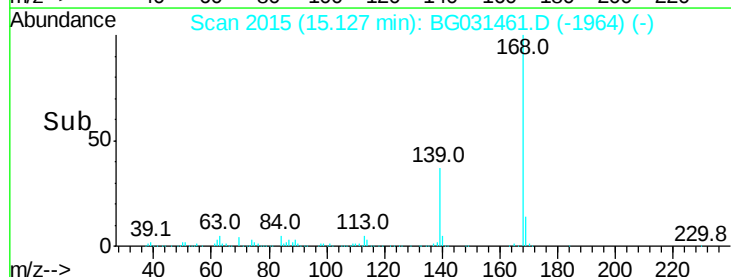
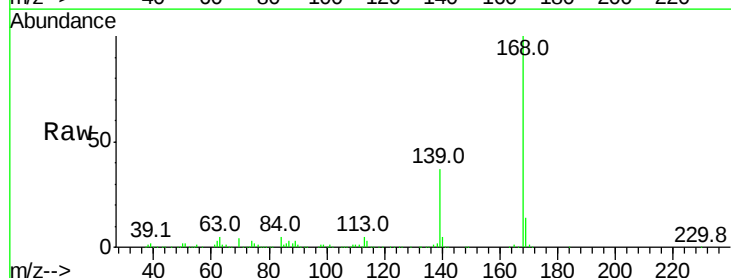
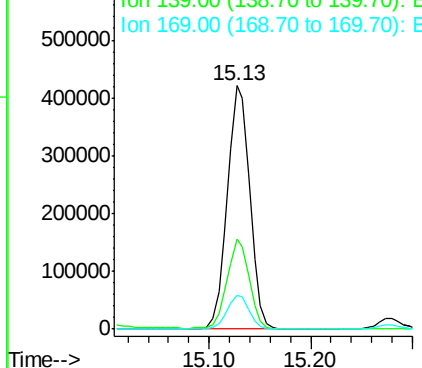
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

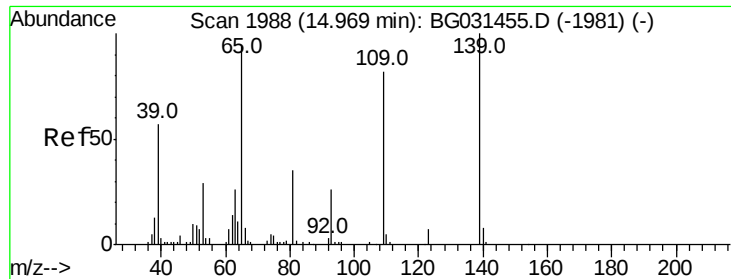


#54
 Dibenzofuran
 Concen: 46.481 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.6	43.0
169	14.1	11.2	16.8

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





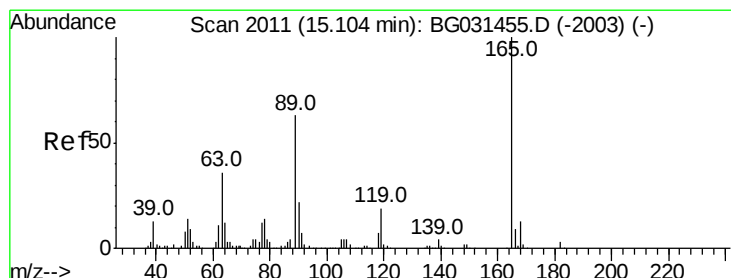
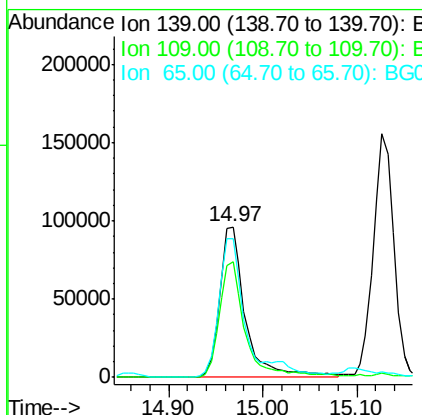
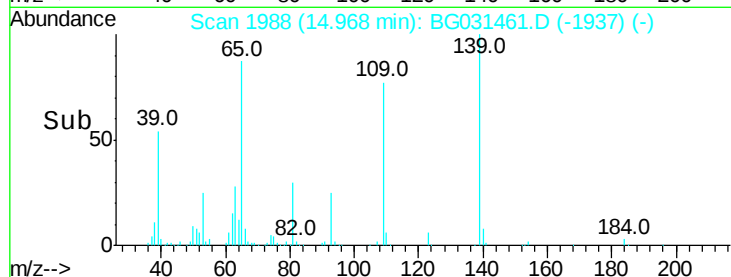
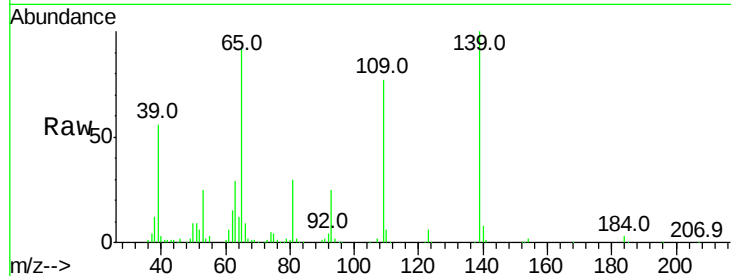
#55
4-Nitrophenol
Concen: 104.621 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.7	62.2	102.2	
65	92.5	97.2	137.2	

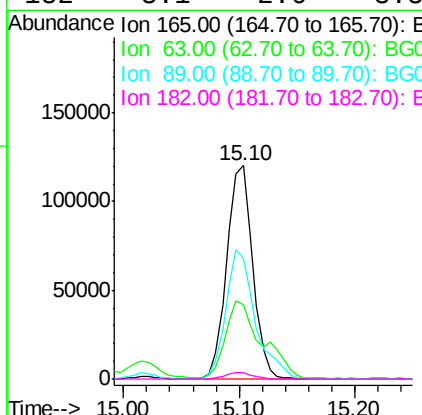
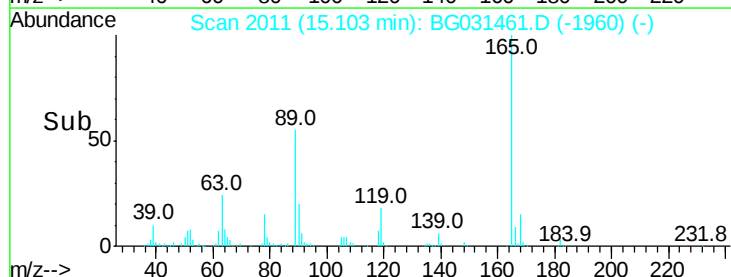
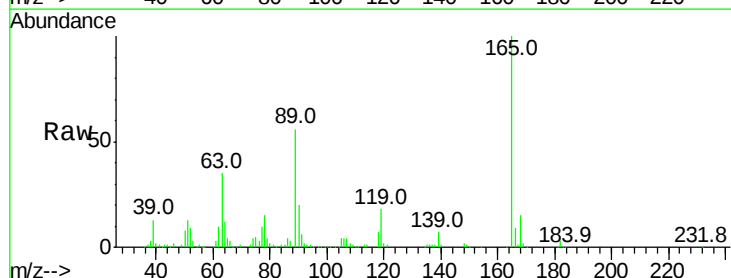
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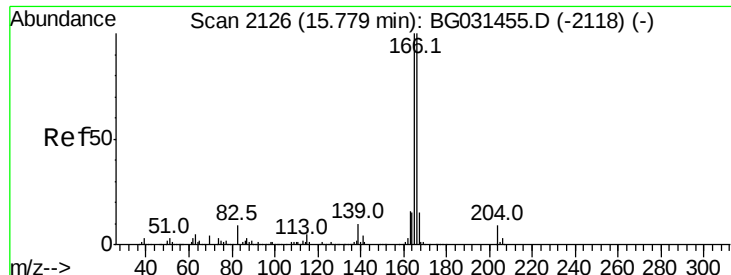
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#56
2,4-Dinitrotoluene
Concen: 52.388 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.0	42.0	63.0	
89	56.2	66.9	100.3	
182	3.1	2.6	3.8	





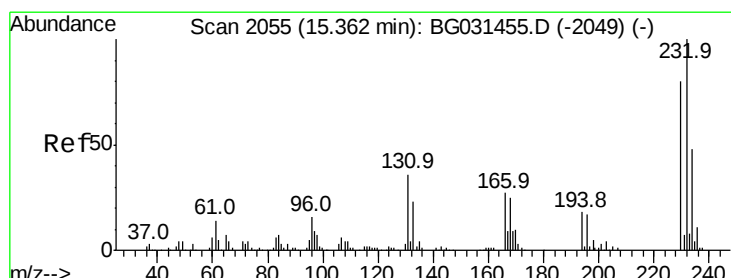
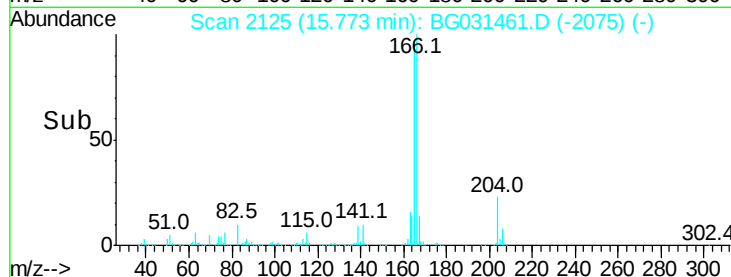
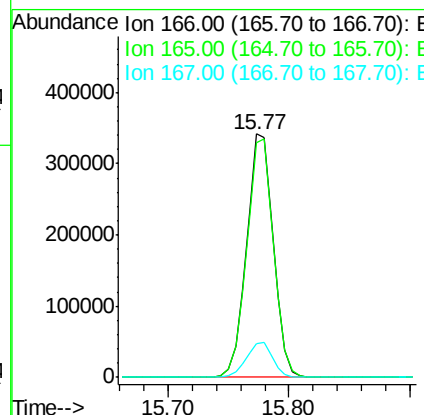
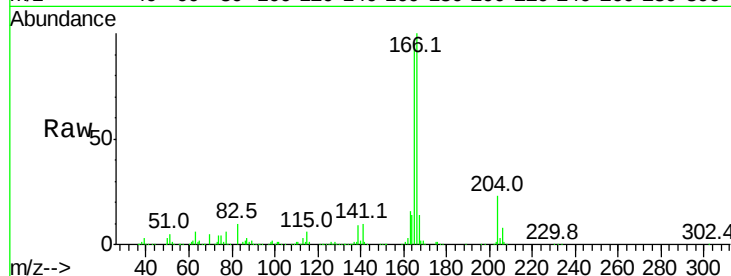
#57
 Fluorene
 Concen: 47.448 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.4	80.6	121.0	
167	14.0	10.4	15.6	

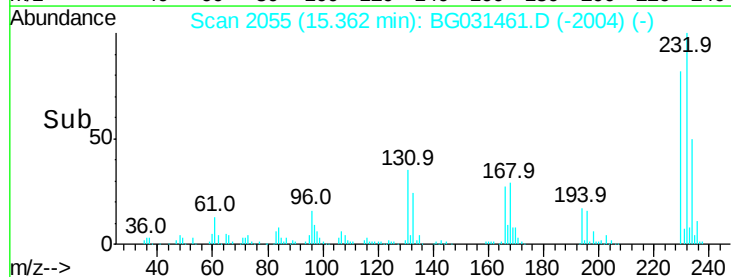
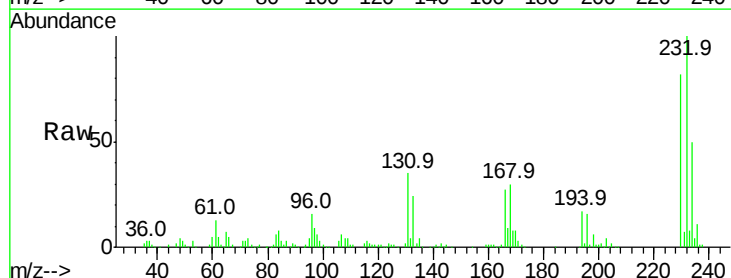
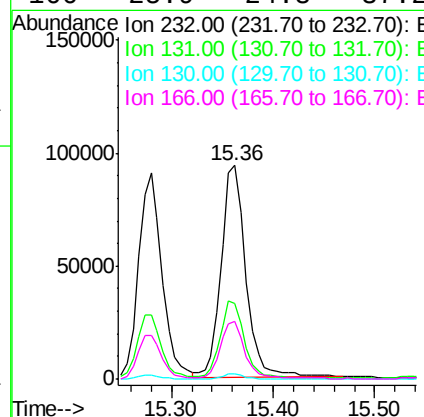
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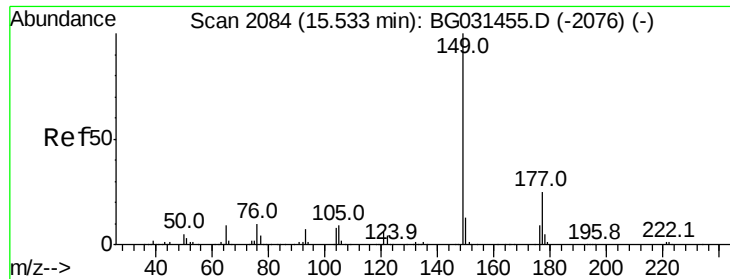
Sohil
 12/12/2017 3:55:17 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.798 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.7	33.5	50.3	
130	2.0	2.2	3.2#	
166	25.9	24.8	37.2	





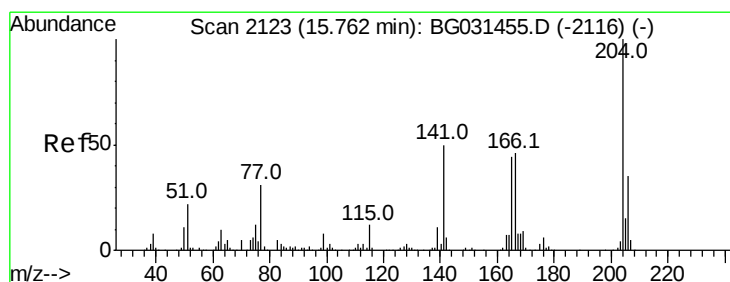
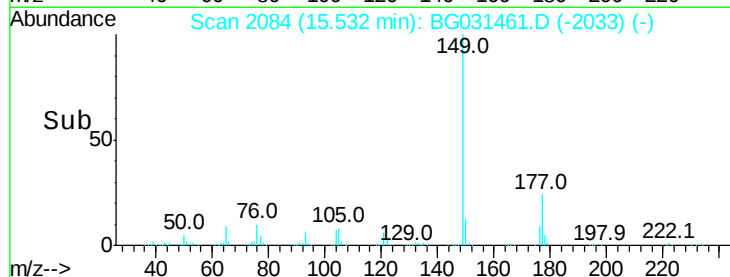
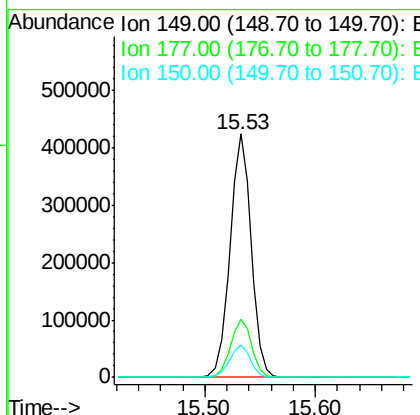
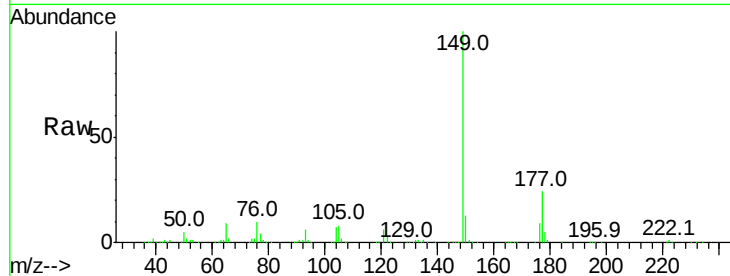
#59
Diethylphthalate
Concen: 48.231 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.5	27.7
150	13.3	10.2	15.2

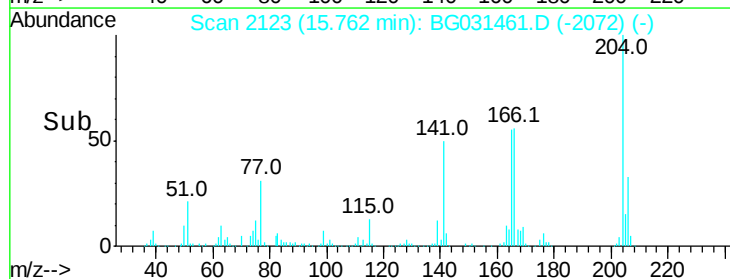
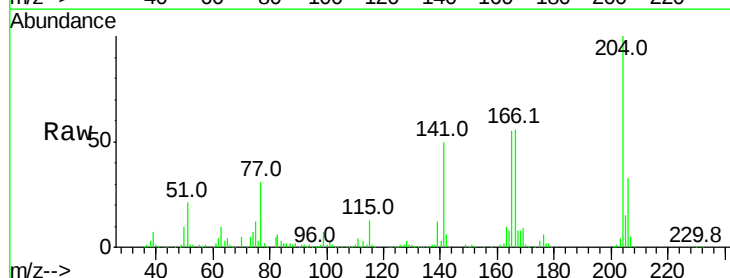
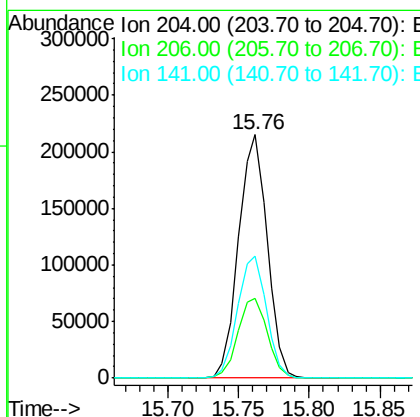
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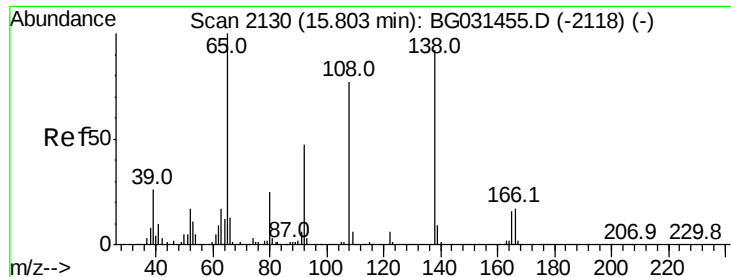
Sohil
12/12/2017 3:55:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.952 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	49.9	45.8	68.6





#61

4-Nitroaniline

Concen: 50.310 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

ClientSampleId :

PB104880BSD

Tot Ion:138 Resp: 135106

Ion Ratio Lower Upper

138 100

92 50.0 40.1 80.1

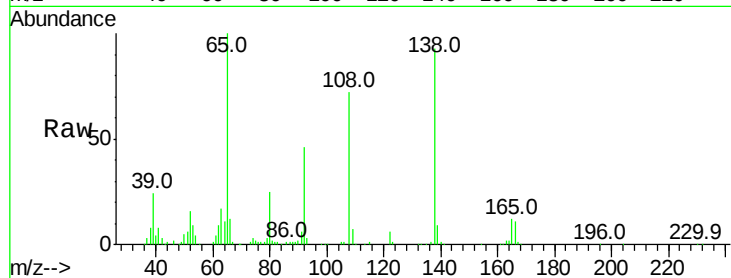
108 77.8 65.4 105.4

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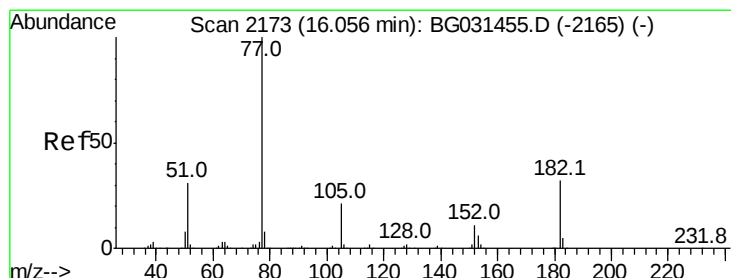
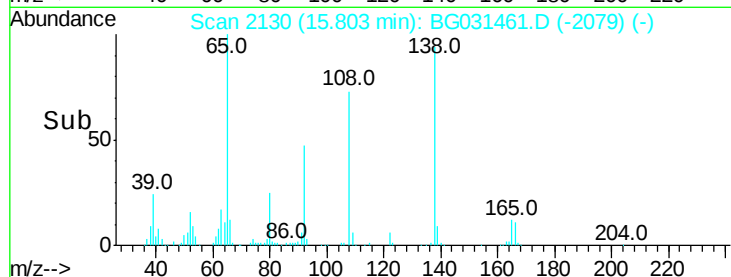
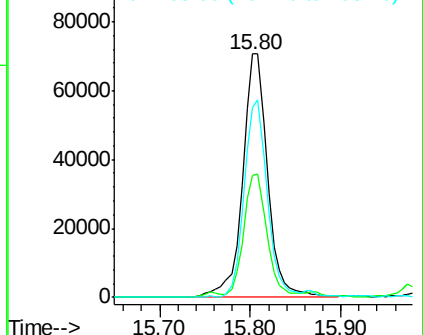
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.087 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion: 77 Resp: 468942

Ion Ratio Lower Upper

77 100

182 33.6 7.4 47.4

105 20.8 0.3 40.3

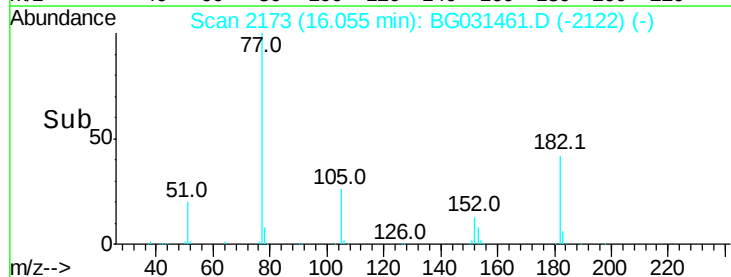
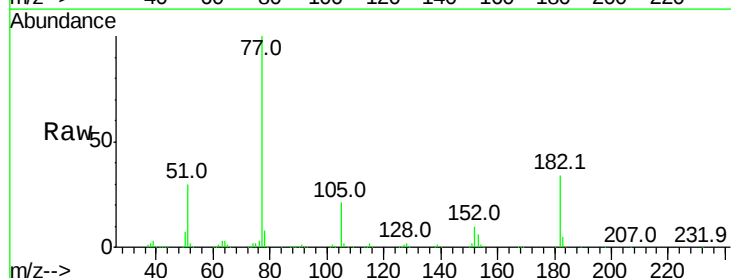
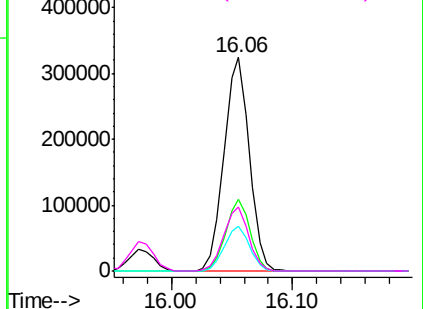
51 29.8 11.6 51.6

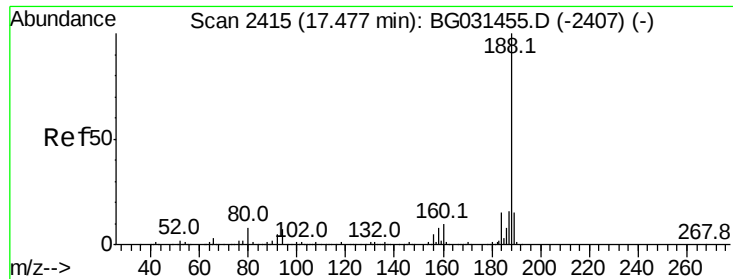
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





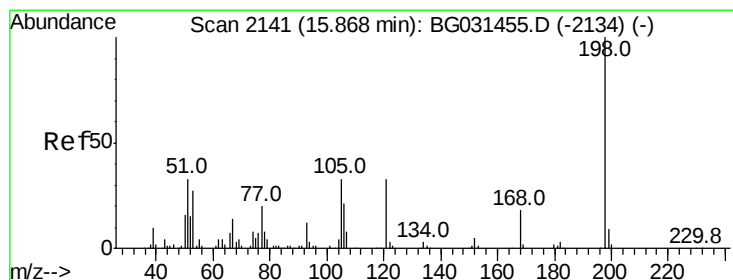
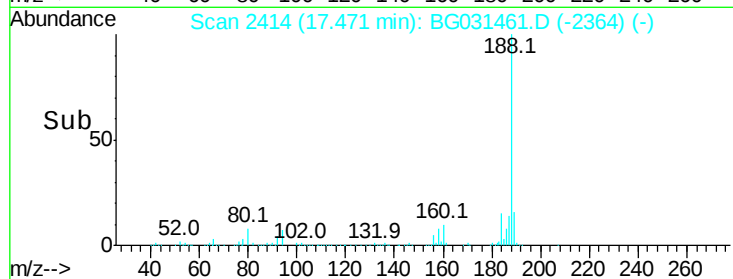
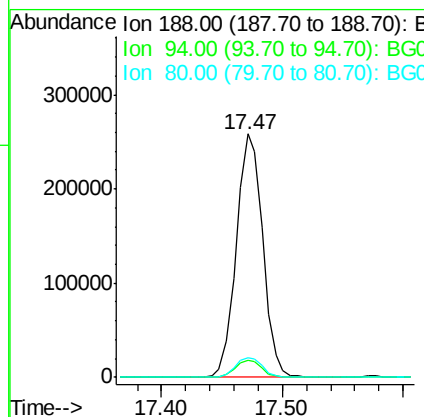
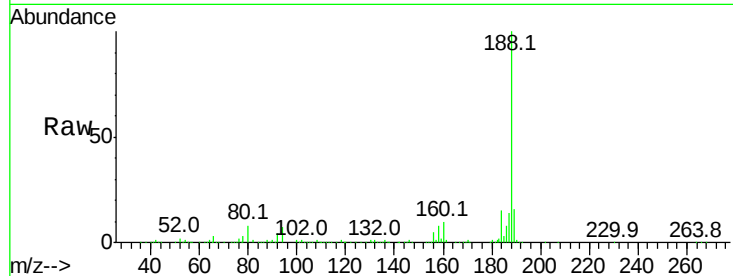
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.0	7.7	11.5

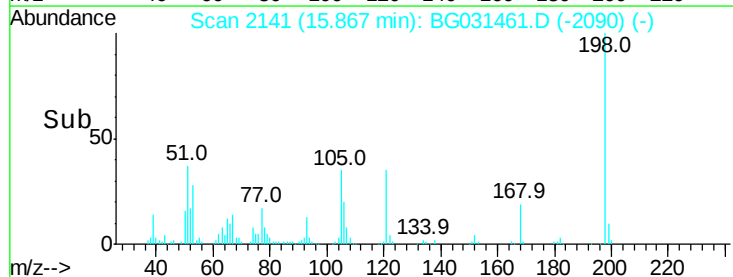
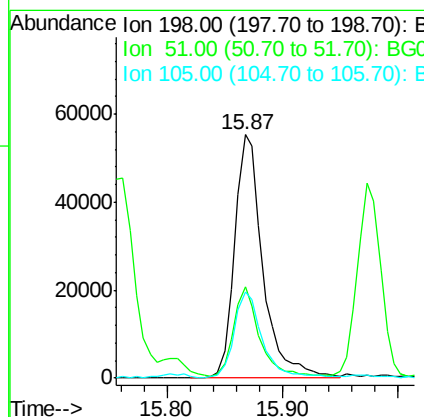
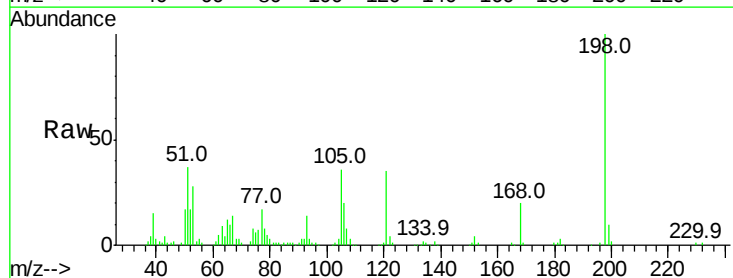
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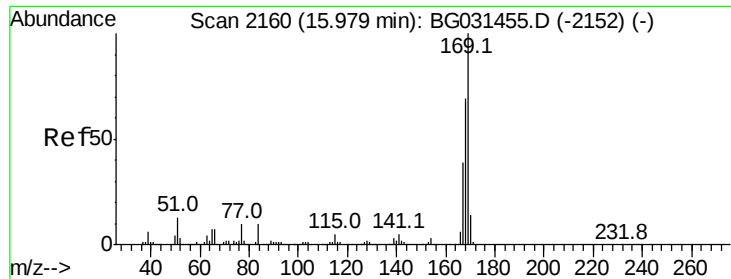
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.149 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.3	30.6	70.6
105	35.5	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 42.673 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

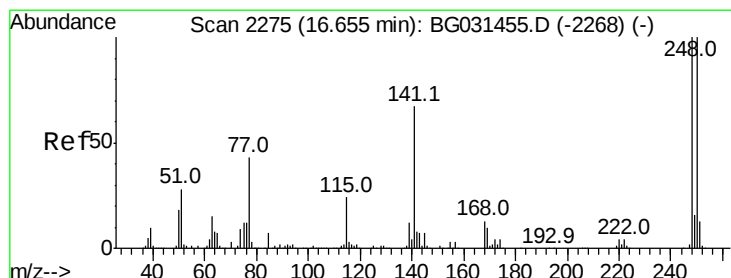
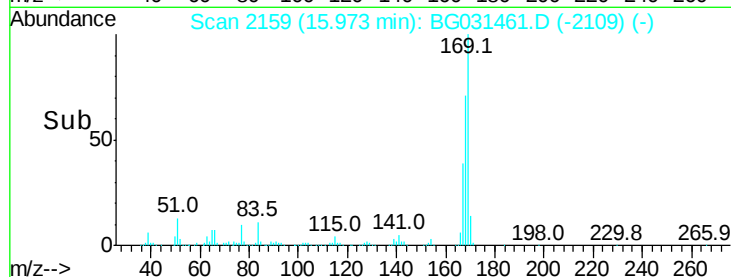
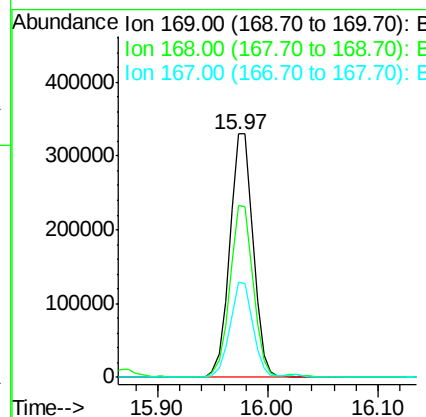
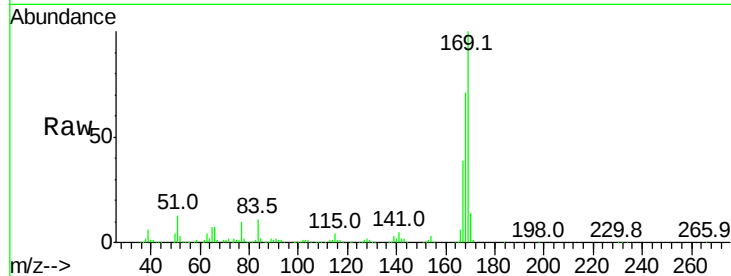
ClientSampleId :

PB104880BSD

Tot Ion:	169	Resp:	492704
Ion Ratio	Lower	Upper	
169	100		
168	70.6	55.7	83.5
167	39.0	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 44.962 ng

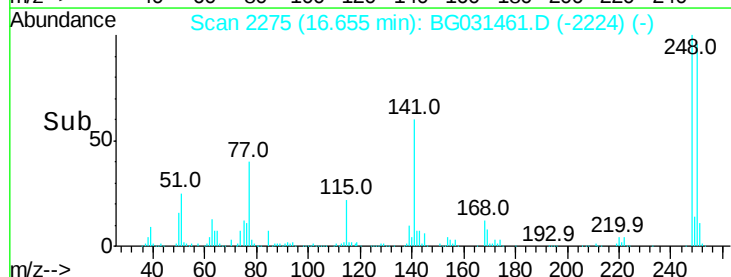
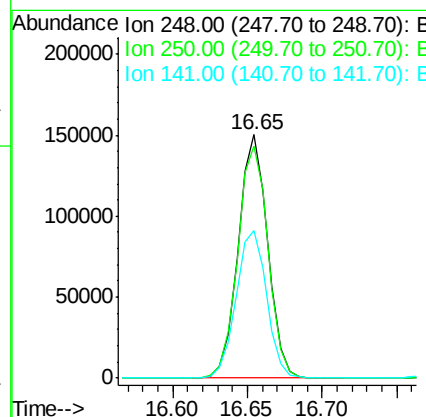
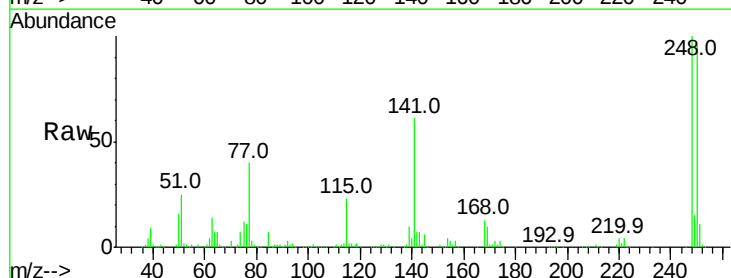
RT: 16.65 min Scan# 2275

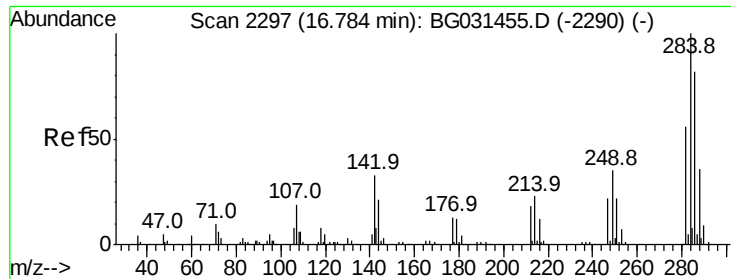
Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	248	Resp:	206237
Ion Ratio	Lower	Upper	
248	100		
250	95.5	77.1	115.7
141	60.5	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.486 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

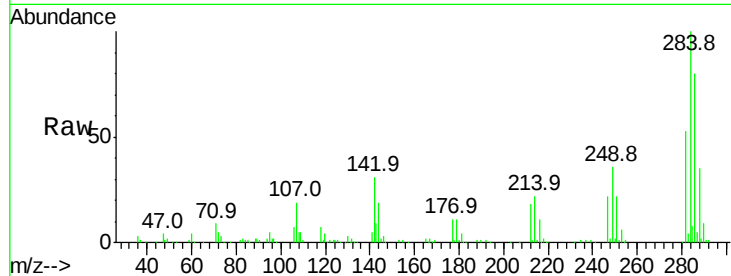
ClientSampleId :

PB104880BSD

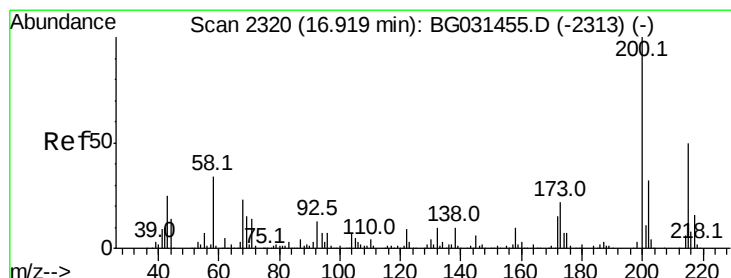
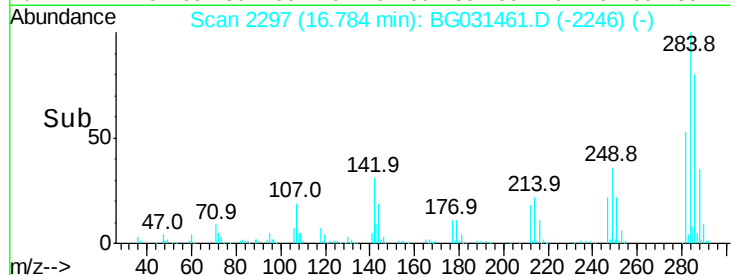
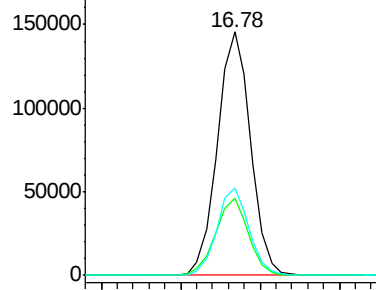
Tot Ion:	284	Resp:	210709
Ion Ratio		Lower	Upper
284	100		
142	31.5	26.8	40.2
249	35.8	26.3	39.5

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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: 51.482 ng

RT: 16.92 min Scan# 2320

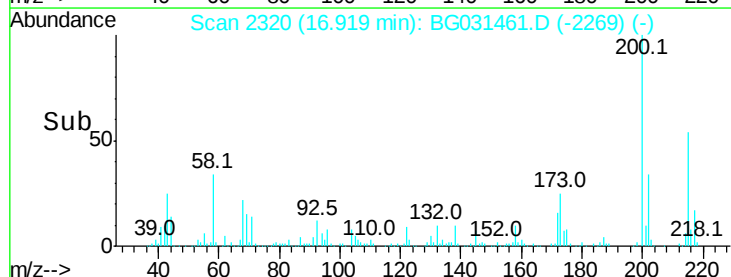
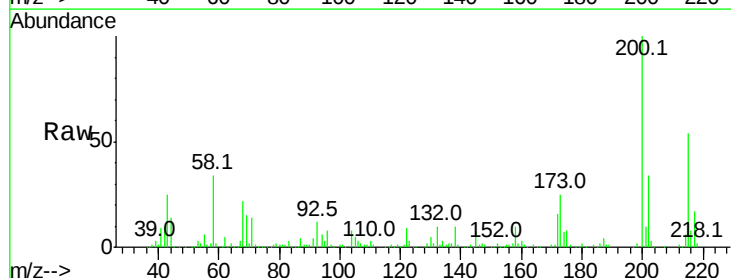
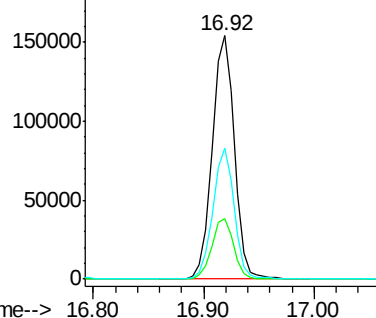
Delta R.T. -0.00 min

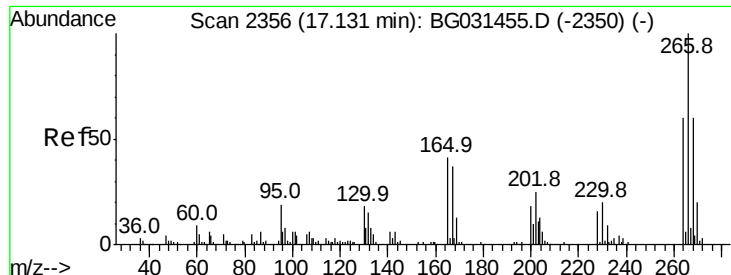
Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:	200	Resp:	217343
Ion Ratio		Lower	Upper
200	100		
173	25.1	5.2	45.2
215	53.8	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





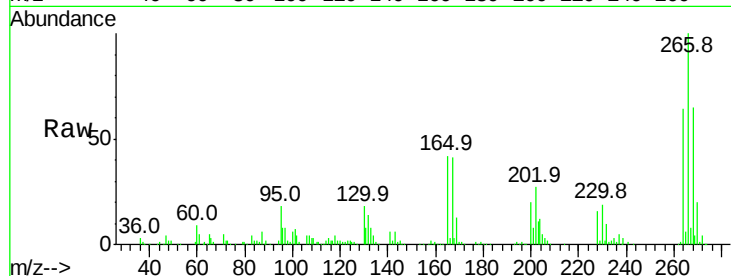
#69
 Pentachlorophenol
 Concen: 80.520 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

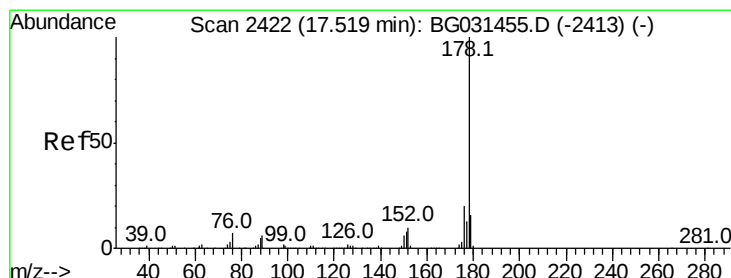
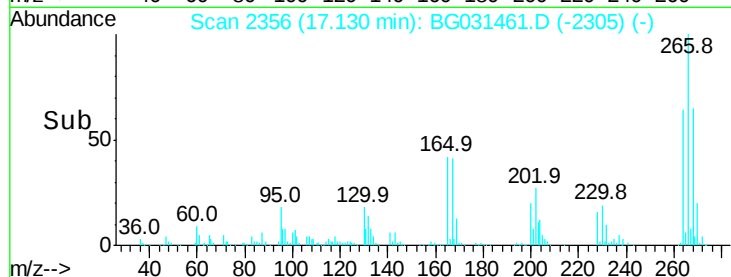
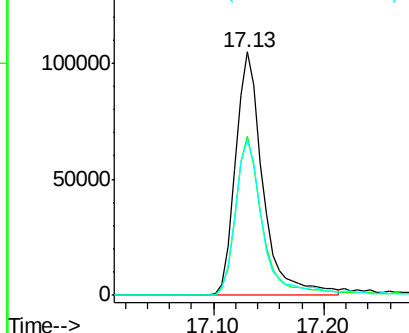
Tot Ion:	266	Resp:	183417
Ion Ratio	Lower	Upper	
266	100		
268	65.2	51.1	76.7
264	63.9	49.6	74.4

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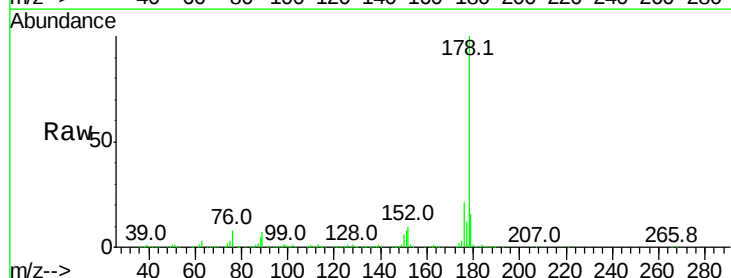


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

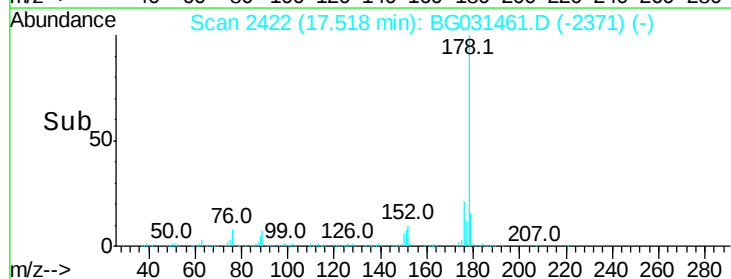
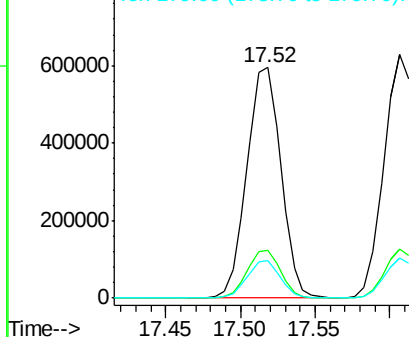


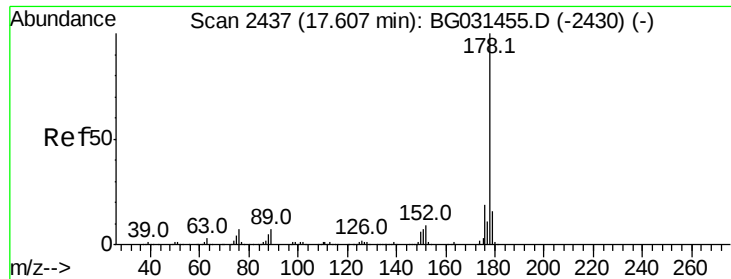
#70
 Phenanthrene
 Concen: 45.493 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion:	178	Resp:	937191
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.7	23.5
179	16.3	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





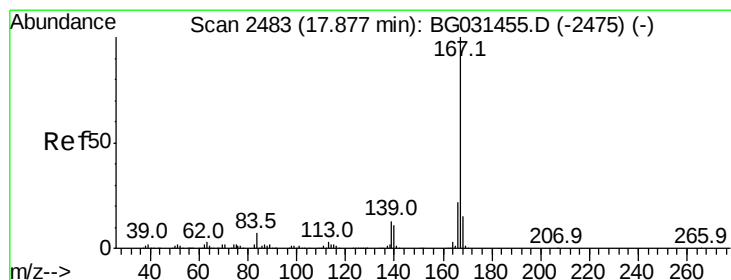
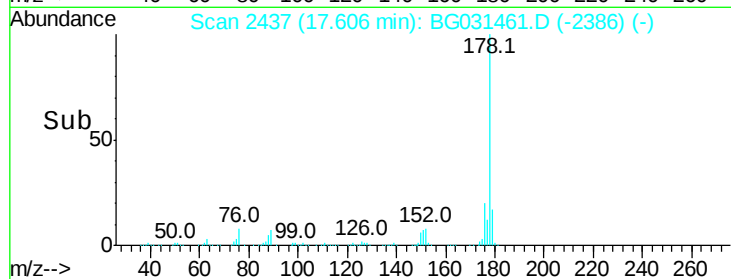
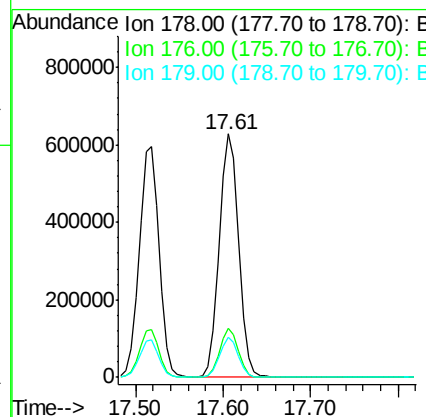
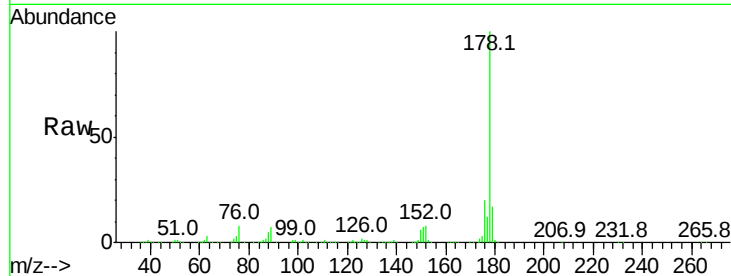
#71
 Anthracene
 Concen: 47.666 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.6	12.5	18.7

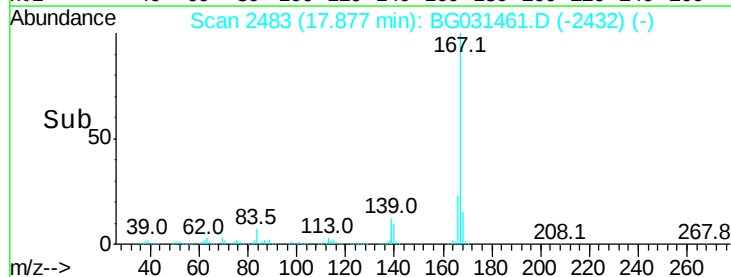
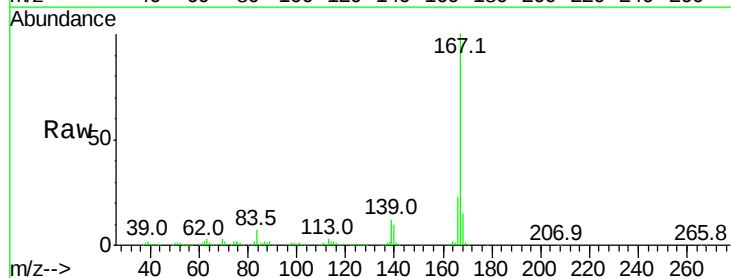
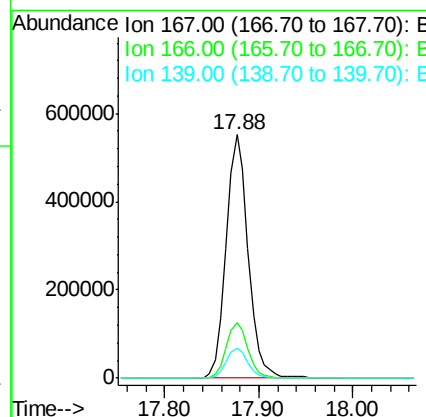
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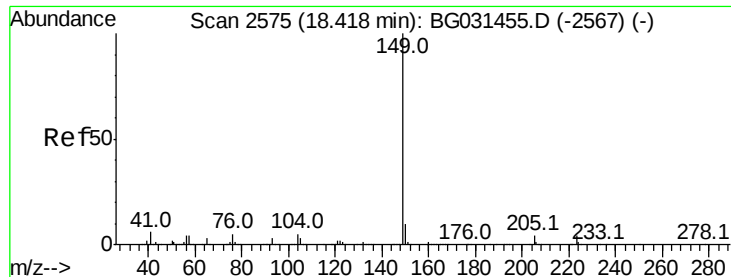
Sohil
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#72
 Carbazole
 Concen: 48.827 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	12.4	9.4	14.2





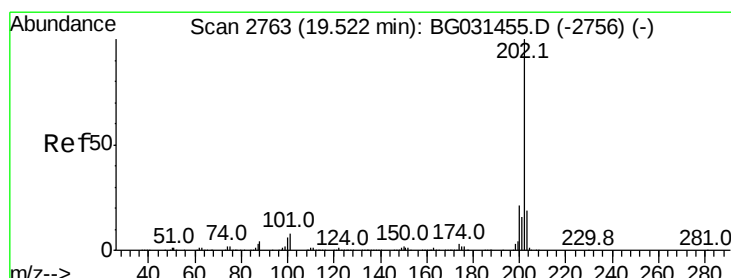
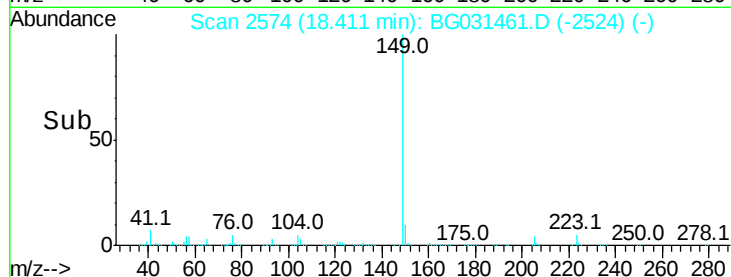
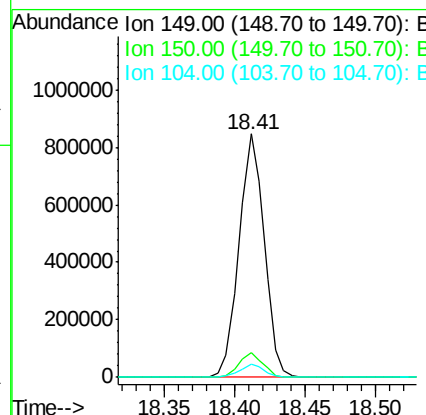
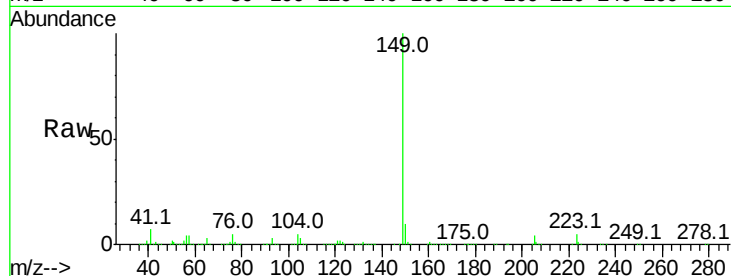
#73
Di-n-butylphthalate
Concen: 49.597 ng
RT: 18.41 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.3	3.9	5.9

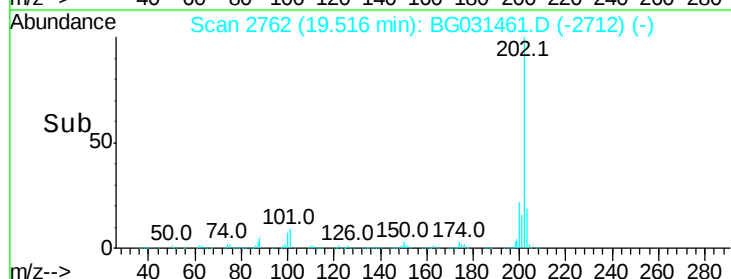
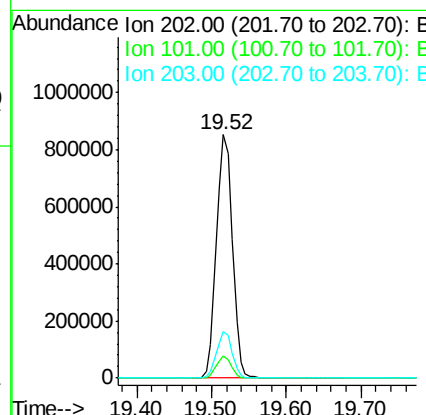
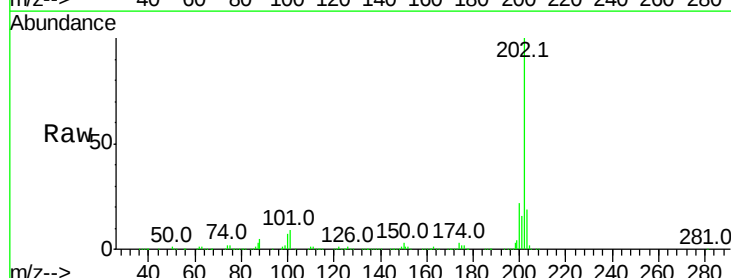
Manual Integrations
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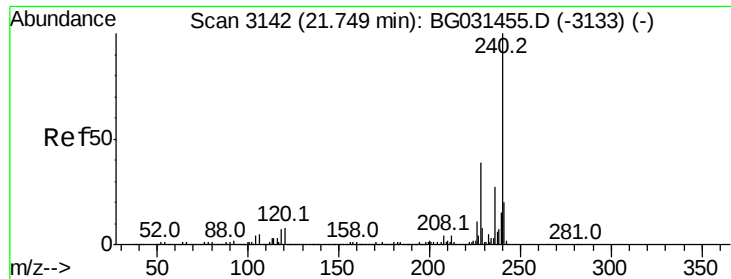
Sohil
12/12/2017 3:55:17 PM



#74
Fluoranthene
Concen: 48.935 ng
RT: 19.52 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.9
203	19.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

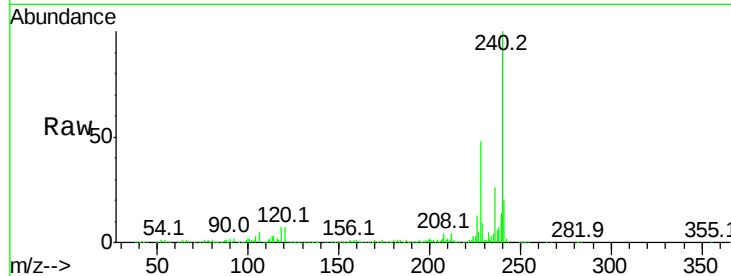
ClientSampleId :

PB104880BSD

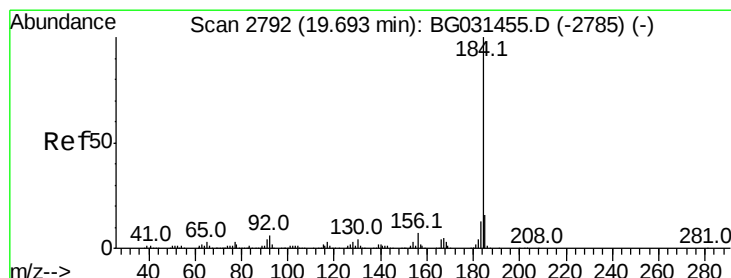
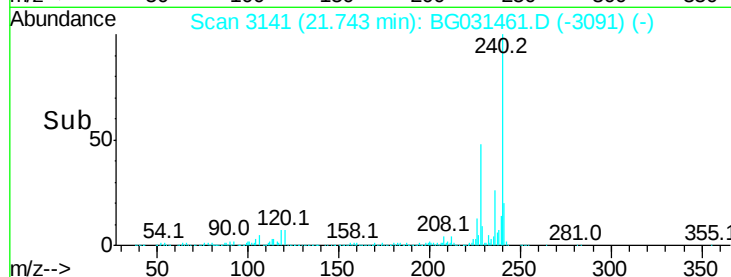
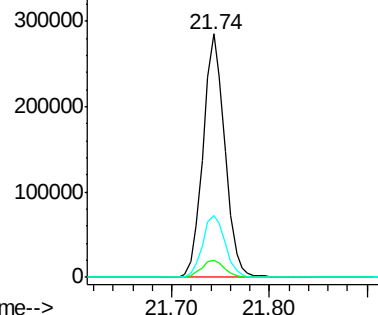
Tot Ion:	240	Resp:	440437
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.8	10.2
236	25.7	20.9	31.3

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.234 ng

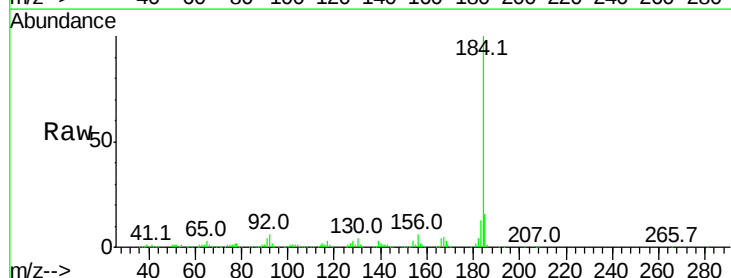
RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

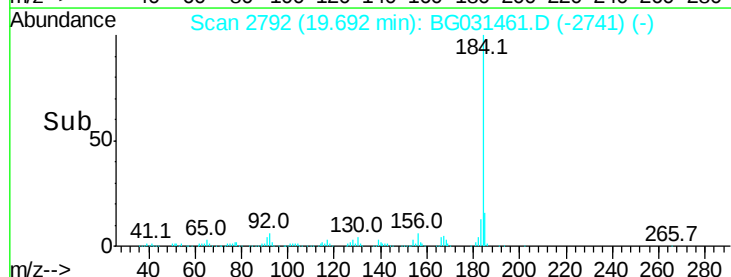
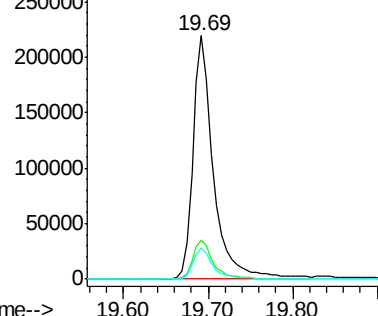
Lab File: BG031461.D

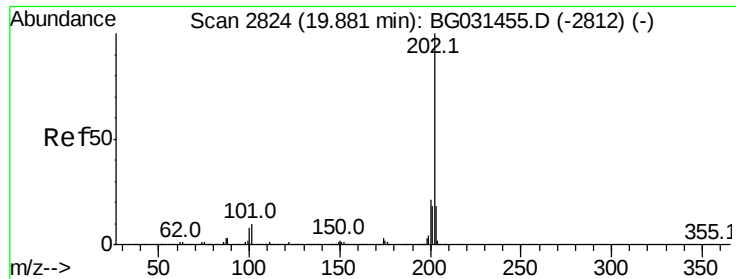
Acq: 11 Dec 2017 18:37

Tgt Ion:	184	Resp:	371391
Ion Ratio	Lower	Upper	
184	100		
185	15.9	11.1	16.7
183	12.9	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





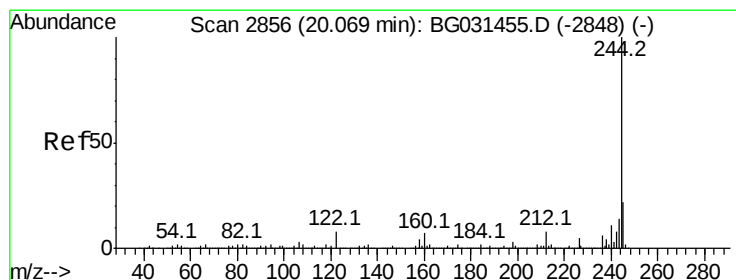
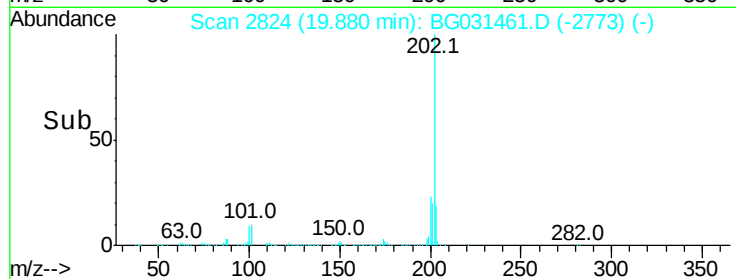
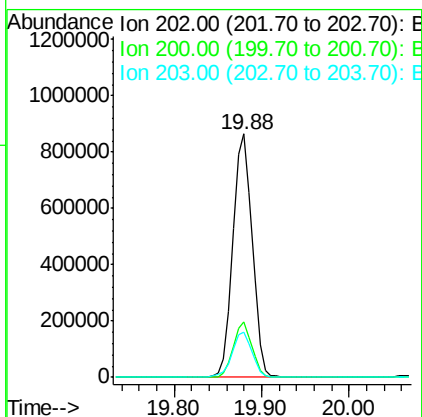
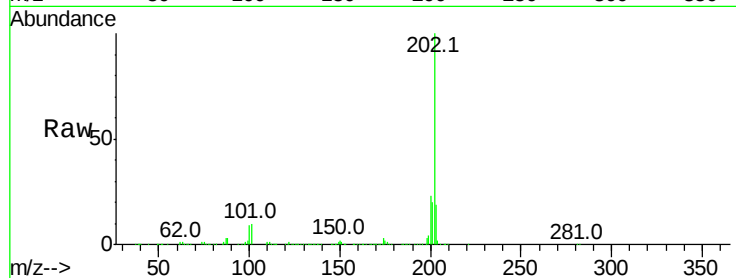
#77
Pvrene
Concen: 47.377 ng
RT: 19.88 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.8	13.9	20.9

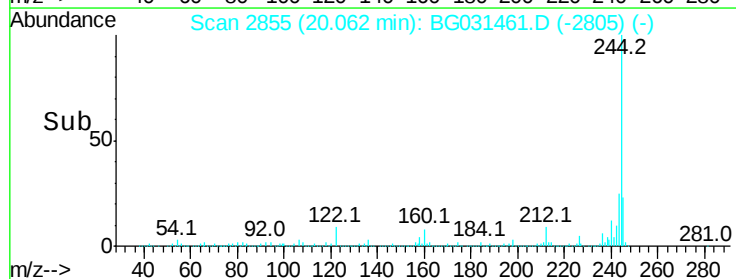
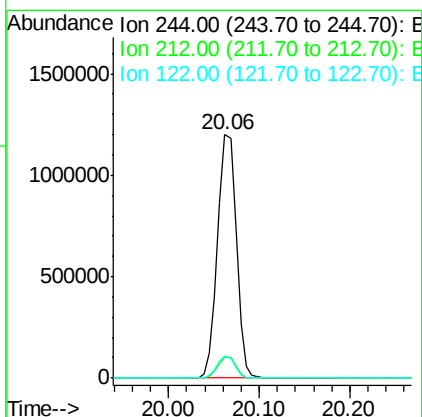
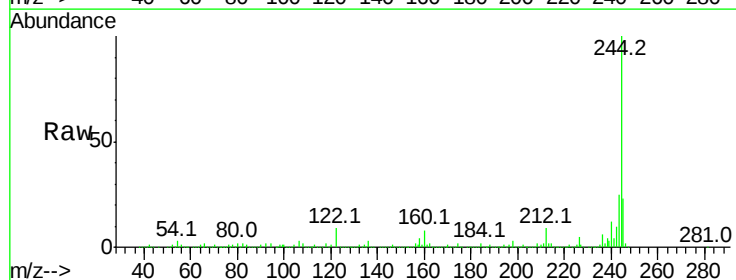
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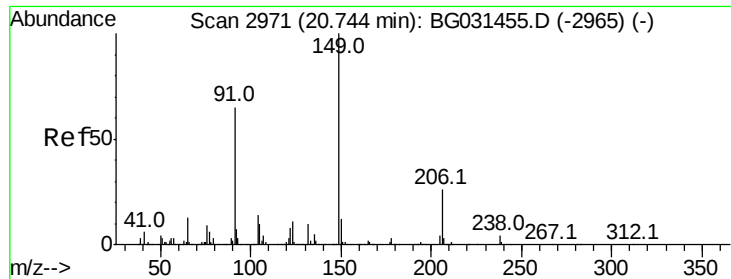
Sohil
12/12/2017 3:55:17 PM



#78
Terphenyl-d14
Concen: 89.351 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	8.9	7.0	10.4





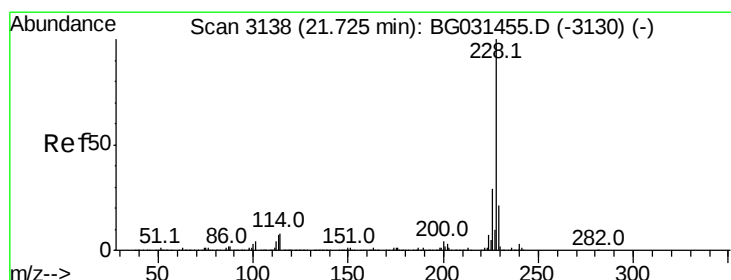
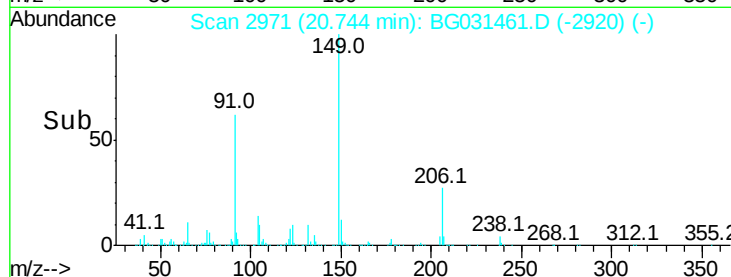
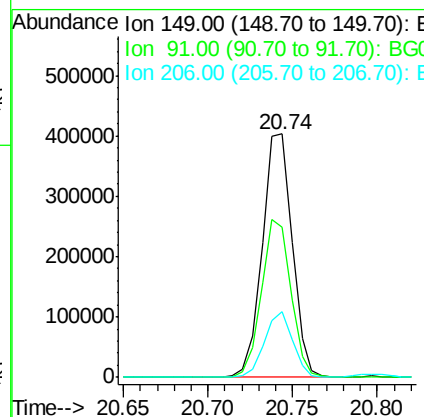
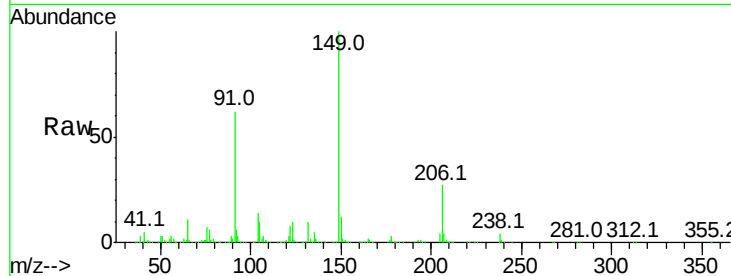
#79
Butylbenzylphthalate
Concen: 51.929 ng
RT: 20.74 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleID :
PB104880BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.9	62.2	93.2#
206	27.2	18.6	27.8

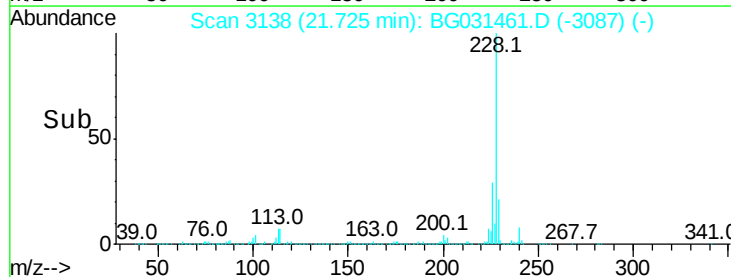
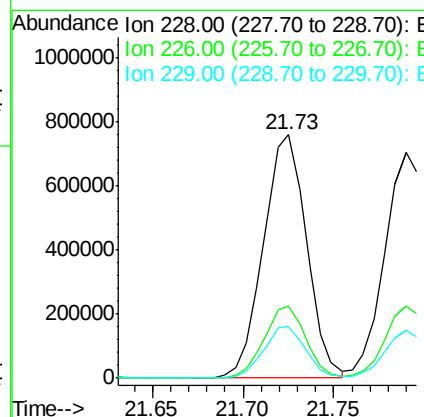
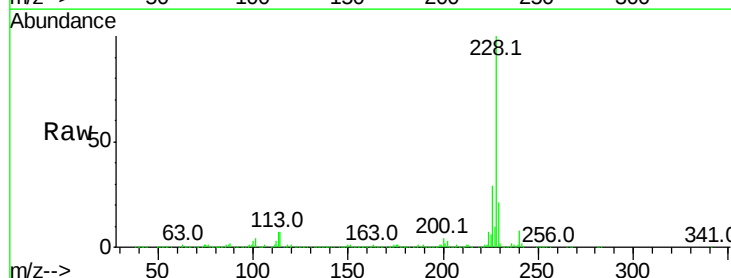
Manual Integrations
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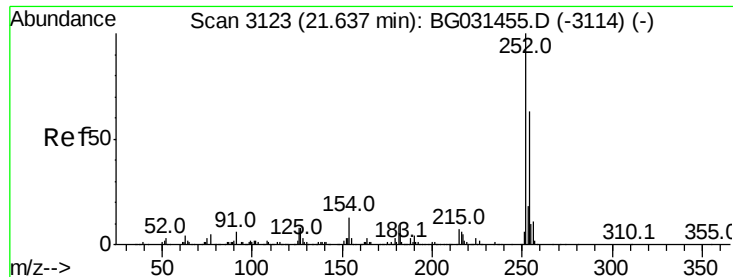
Sohil
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#80
Benzo(a)anthracene
Concen: 47.178 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	21.2	16.2	24.2





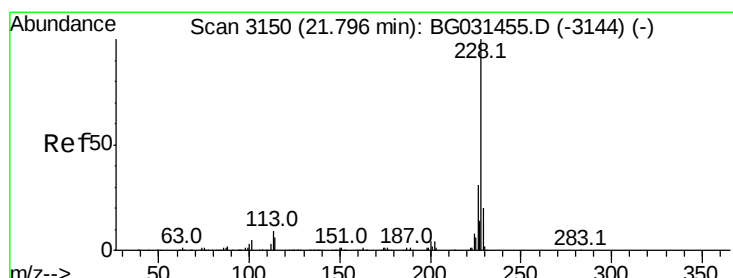
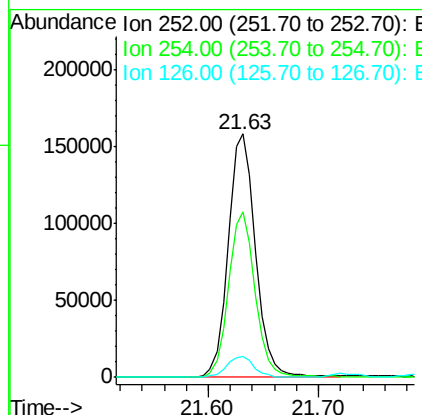
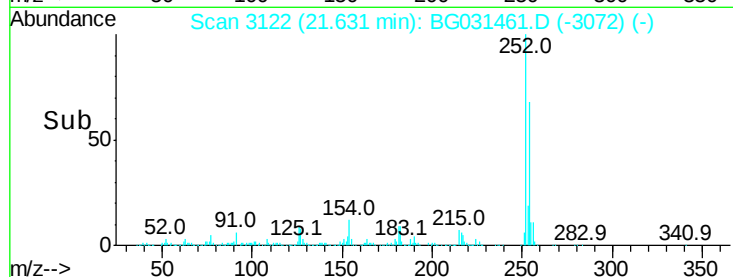
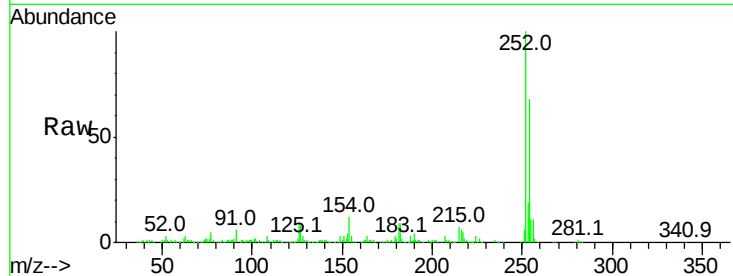
#81
 3,3'-Dichlorobenzidine
 Concen: 29.694 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.9	50.8	76.2
126	8.8	7.4	11.2

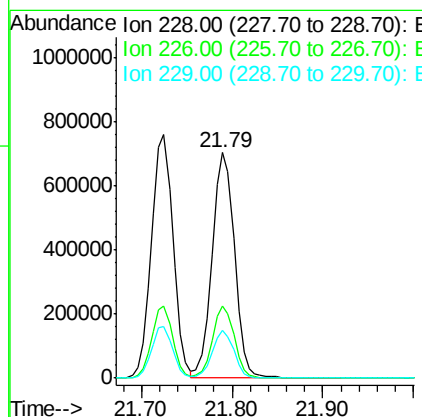
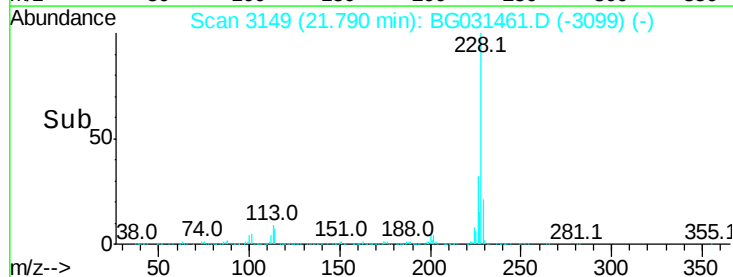
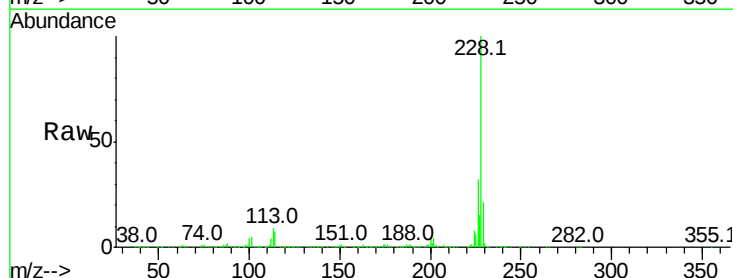
Manual Integrations
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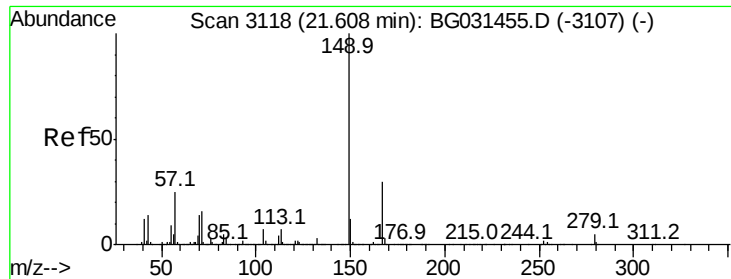
Sohil
 12/12/2017 3:55:17 PM



#82
 Chrysene
 Concen: 47.130 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.3	15.0	22.4





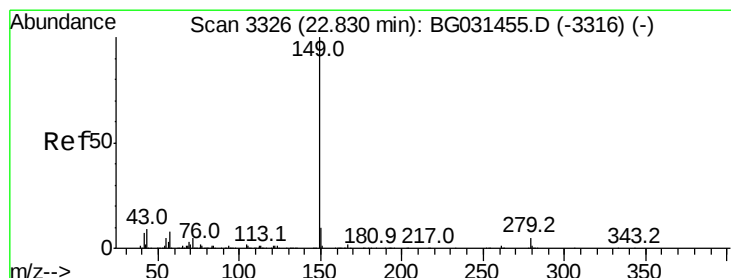
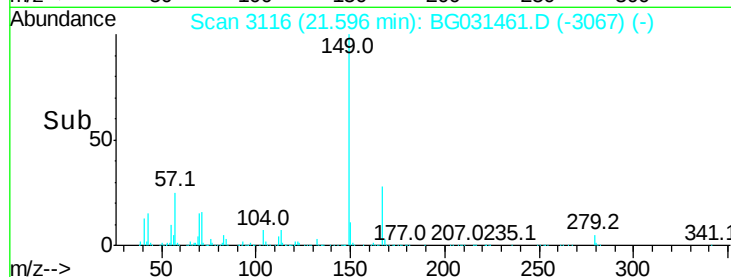
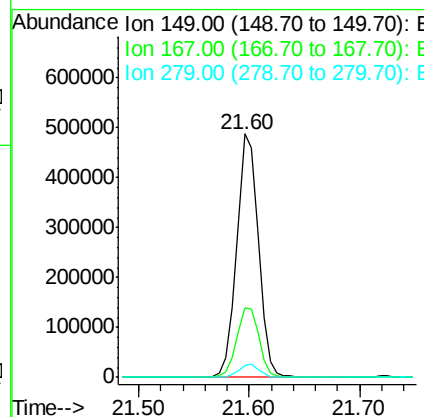
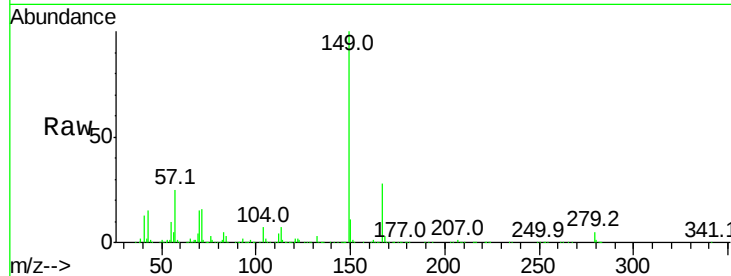
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.897 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	675389		
167	28.4		24.3	36.5
279	4.7		4.0	6.0

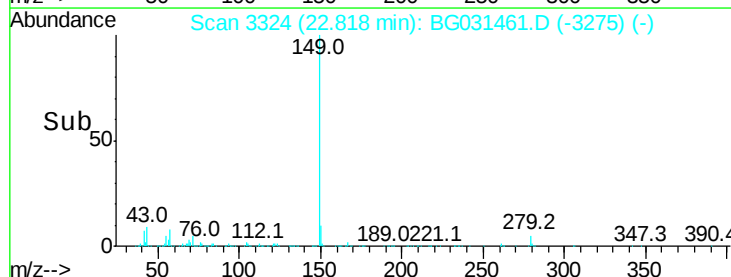
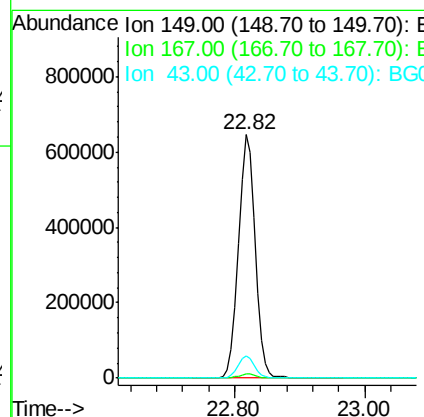
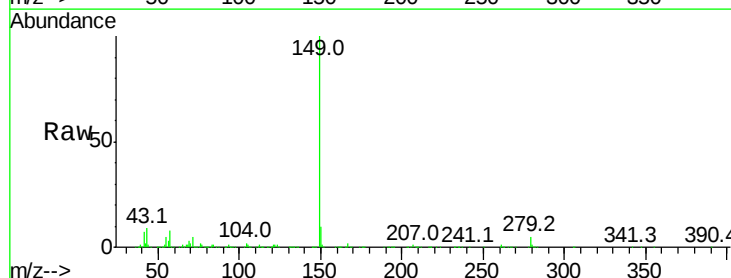
Manual Integrations
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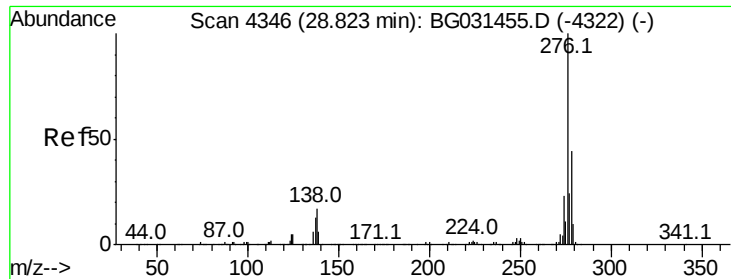
Sohil
 12/12/2017 3:55:17 PM



#84
 Di-n-octyl phthalate
 Concen: 50.460 ng
 RT: 22.82 min Scan# 3324
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1149679		
167	1.6		1.4	2.0
43	8.9		8.9	13.3#





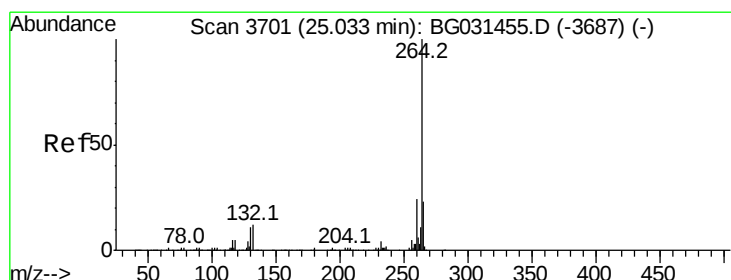
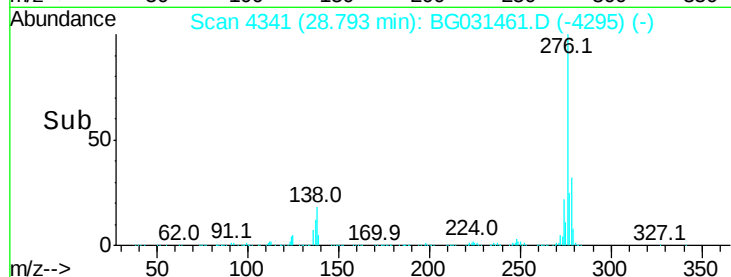
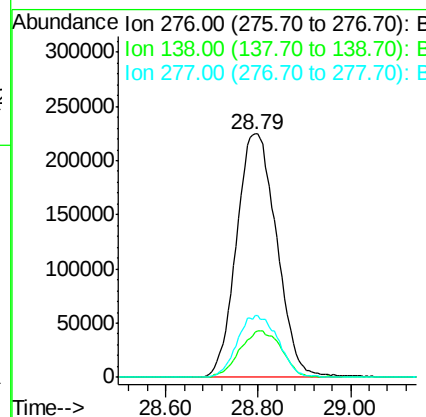
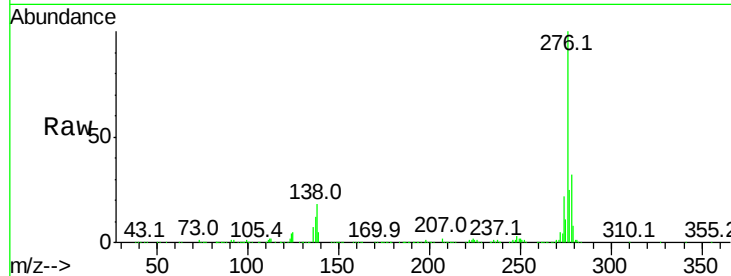
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.902 ng
 RT: 28.79 min Scan# 4341
 Delta R.T. -0.03 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.0	24.0
277	25.9	20.0	30.0

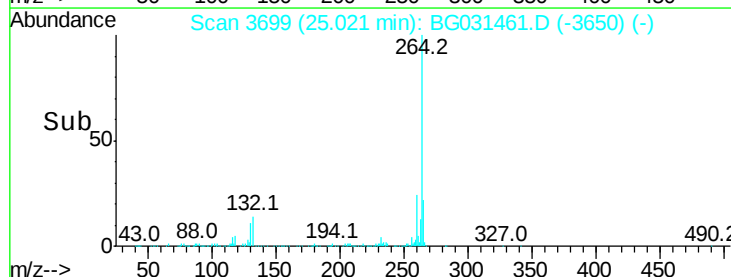
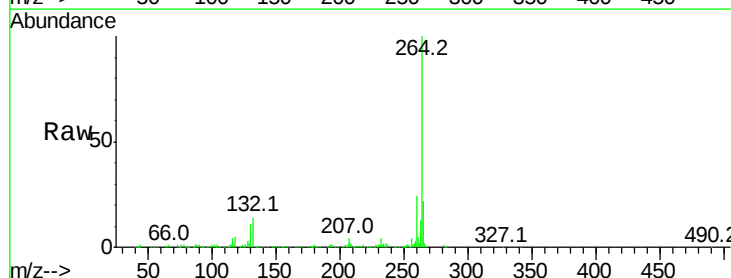
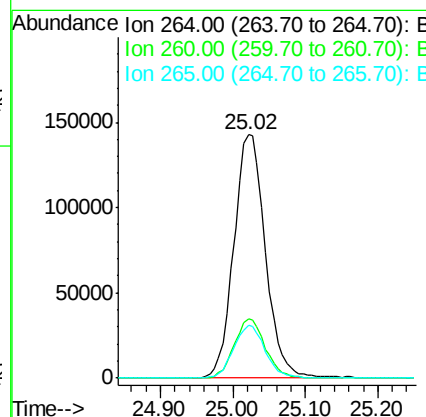
Manual Integrations
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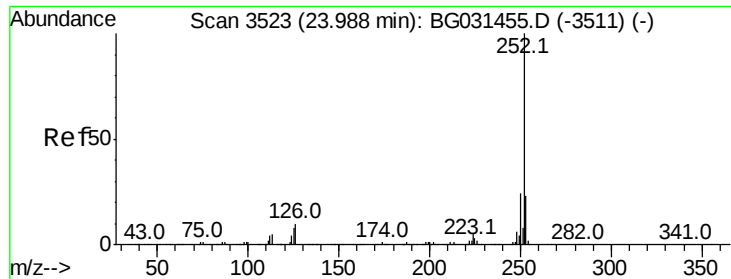
Sohil
 12/12/2017 3:55:17 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031461.D
 Acq: 11 Dec 2017 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.035 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Instrument :

BNA_G

ClientSampleId :

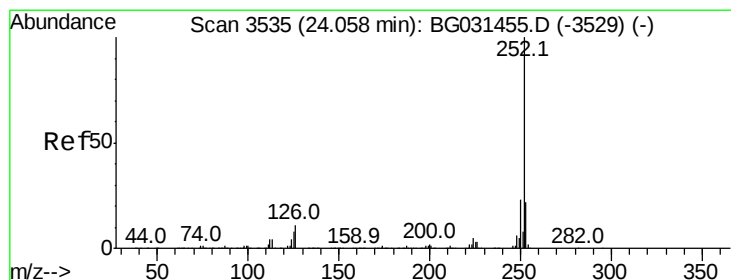
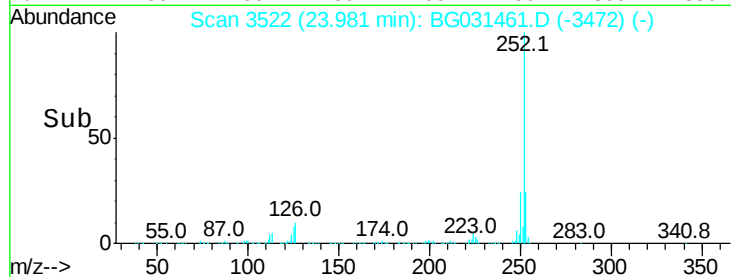
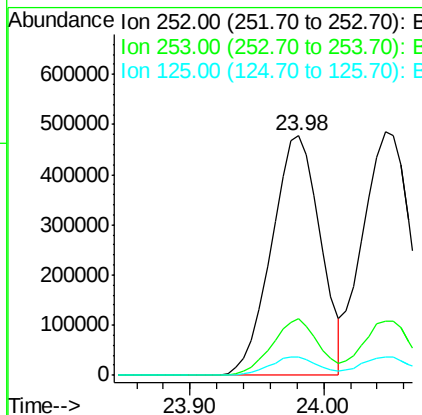
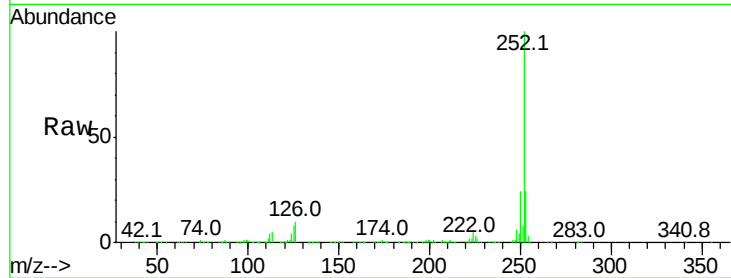
PB104880BSD

Tot Ion:252 Resp: 1212403

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	7.7	7.2	10.8

Manual Integrations
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Sohil
12/12/2017 3:55:17 PM



#88

Benzo(k)fluoranthene

Concen: 46.572 ng

RT: 24.05 min Scan# 3533

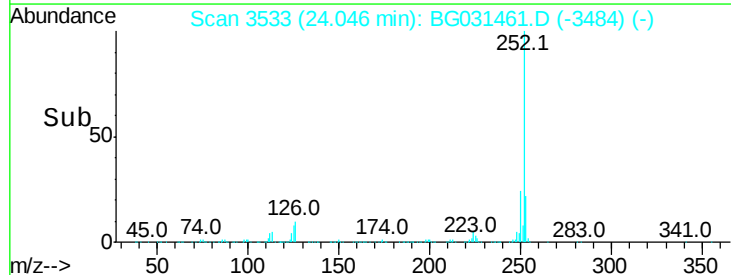
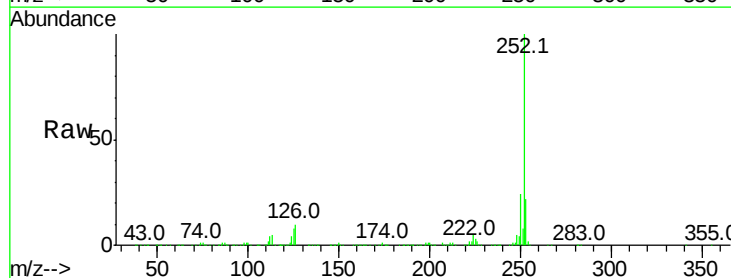
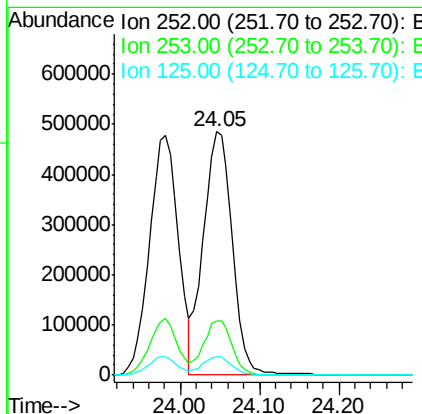
Delta R.T. -0.01 min

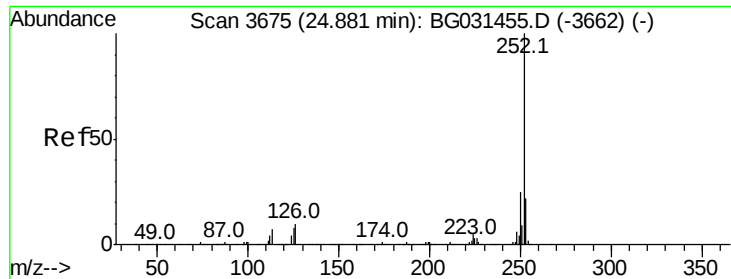
Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tgt Ion:252 Resp: 1225101

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.6	6.6	9.8





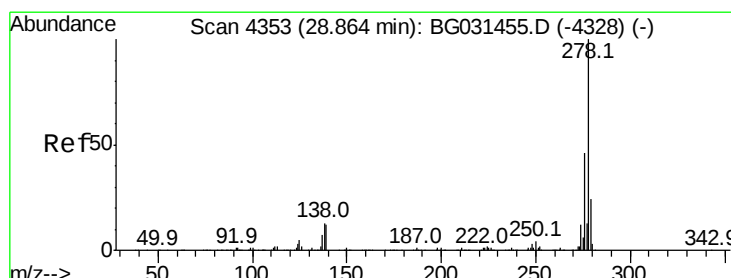
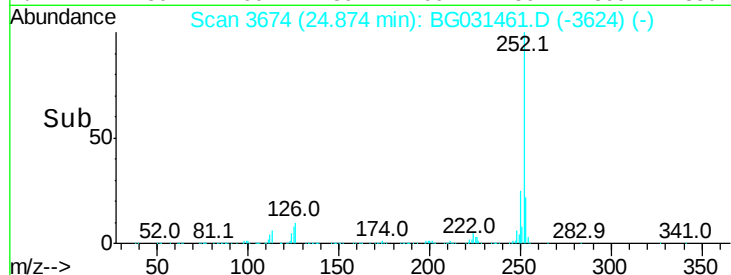
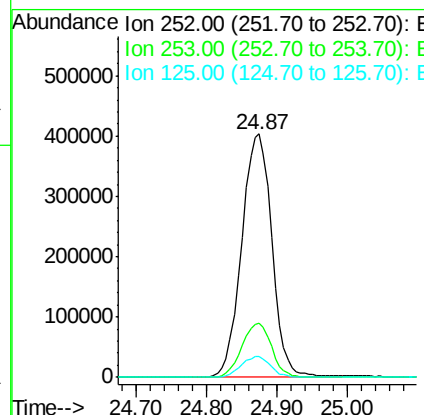
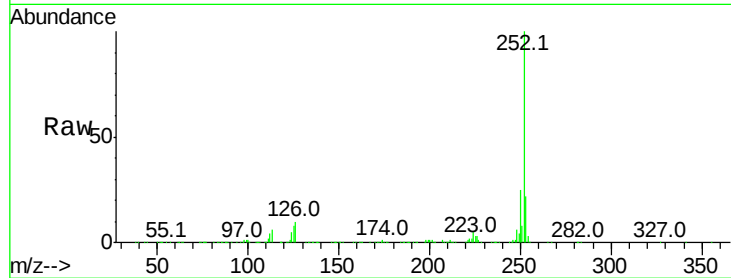
#89
Benzo(a)pyrene
Concen: 49.072 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Tot Ion:252 Resp: 1199931
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 8.4 7.3 10.9

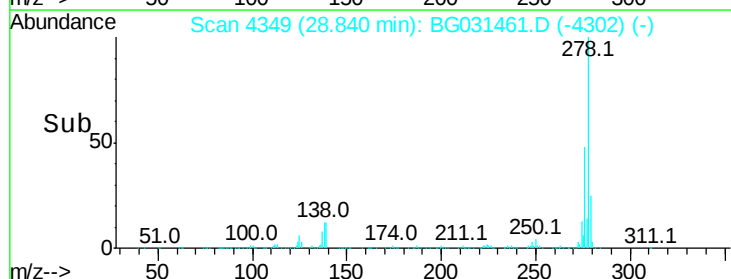
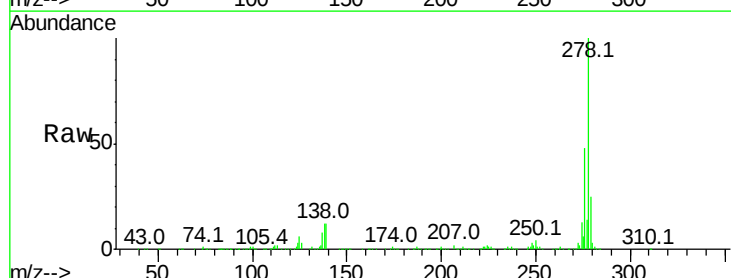
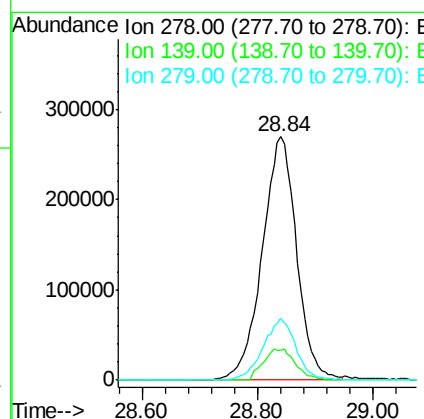
Manual Integrations
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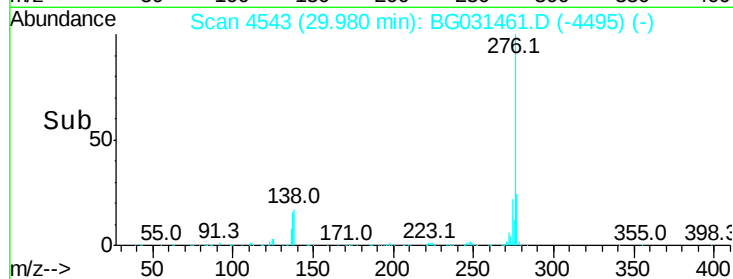
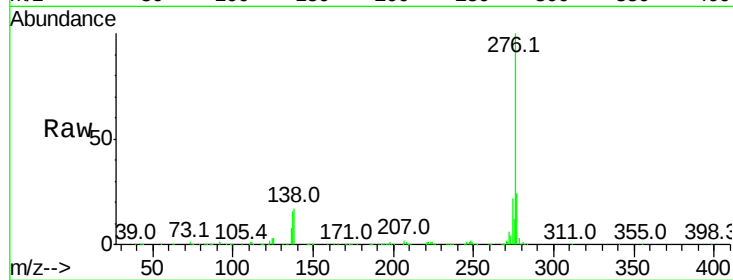
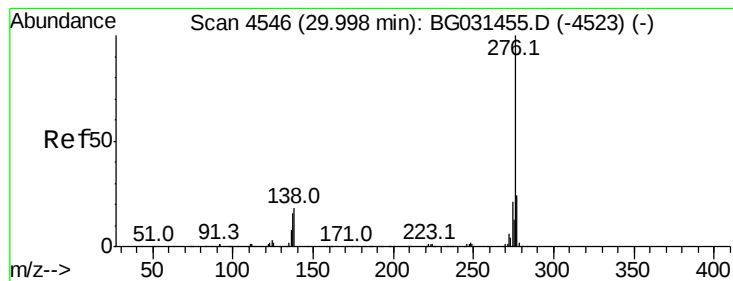
Sohil
12/12/2017 3:55:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.858 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.02 min
Lab File: BG031461.D
Acq: 11 Dec 2017 18:37

Tgt Ion:278 Resp: 1119085
Ion Ratio Lower Upper
278 100
139 12.2 9.8 14.6
279 25.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 49.552 ng

RT: 29.98 min Scan# 4543

Delta R.T. -0.02 min

Lab File: BG031461.D

Acq: 11 Dec 2017 18:37

Tot Ion:	276	Resp:	1139134
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.3	27.5
138	17.3	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB104880BSD

Manual Integrations
APPROVED

Sohil
12/12/2017 3:55:17 PM

