

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
 Data File : BG021452.D
 Acq On : 21 Mar 2016 20:25
 Operator : UM/SJ
 Sample : H1835-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T15

Manual Integrations
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 3/22/2016 5:37:45 PM

Quant Time: Mar 22 13:22:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 22 01:42:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	45449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	28852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	71097	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	85348	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	81915	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1218	5.46	ng/uL	0.00
5) Phenol-d5	7.33	99	32034	33.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	18875	33.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	25844	35.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	27923	34.46	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	13651	40.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	14908	38.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	28467	40.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	13962	15.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	93240	38.81	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	114429	38.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	14674	38.21	ng/ul	-0.01
58) Fluorene-d10	15.68	176	81548	37.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	16089	34.25	ng/ul	0.00
71) Anthracene-d10	17.53	188	133806	38.41	ng/ul	0.00
79) Pyrene-d10	19.80	212	155478	39.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	163518	43.25	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	7.22	77	1648	2.86	ng/ul# 75
10) 2-Chlorophenol	7.67	128	29966	40.58	ng/ul 90
12) 2,2'-oxybis(1-Chloropropan	8.60	45	46082	52.76	ng/ul# 90
14) Acetophenone	8.90	105	50996	38.57	ng/ul# 86
17) Hexachloroethane	9.16	117	5996	19.35	ng/ul 92
20) Nitrobenzene	9.29	77	62455	64.85	ng/ul 95
23) 2-Nitrophenol	10.00	139	22948	53.34	ng/ul 91
27) 2,4-Dichlorophenol	10.59	162	19745	27.29	ng/ul 95
28) Naphthalene	10.93	128	43114	17.89	ng/ul 97
33) 4-Chloro-3-methylphenol	12.23	107	47687	53.97	ng/ul 96
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	21583	21.37	ng/ul 94
39) 2,4,6-Trichlorophenol	13.15	196	23003	38.74	ng/ul 97
41) 1,1'-Biphenyl	13.53	154	100694	42.66	ng/ul 97
43) 2-Nitroaniline	13.79	65	36439	56.60	ng/ul# 84
46) 2,6-Dinitrotoluene	14.27	165	23339	45.82	ng/ul 85
48) Acenaphthylene	14.41	152	164538	56.08	ng/ul 98
50) Acenaphthene	14.75	153	9530	4.71	ng/ul 97
53) 4-Nitrophenol	15.07	109	28830m	72.37	ng/ul
54) Dibenzofuran	15.08	168	60633	21.39	ng/ul# 79
55) 2,4-Dinitrotoluene	15.05	165	41074	55.00	ng/ul# 94
57) Diethylphthalate	15.49	149	136439	51.15	ng/ul 100
59) Fluorene	15.73	166	21088	8.51	ng/ul 99
65) N-Nitrosodiphenylamine	15.94	169	120055	54.51	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Hexachlorobenzene	16.73	284	36922	42.15	ng/ul	93
69) Pentachlorophenol	17.10	266	12761	55.09	ng/ul	91
70) Phenanthrene	17.47	178	134976	33.52	ng/ul	98
76) Di-n-butylphthalate	18.37	149	200707	43.89	ng/ul	98
80) Pyrene	19.83	202	87321	17.17	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.58	252	6987	3.95	ng/ul	91
83) Benzo(a)anthracene	21.66	228	222942	43.27	ng/ul	98
87) Di-n-octyl phthalate	22.75	149	163861	29.47	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	181425	34.48	ng/ul	97
91) Benzo(a)pyrene	24.75	252	108260	21.19	ng/ul#	97
93) Dibenzo(a,h)anthracene	28.63	278	244668	49.54	ng/ul#	96
94) Benzo(g,h,i)perylene	29.72	276	124625	26.11	ng/ul	98

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

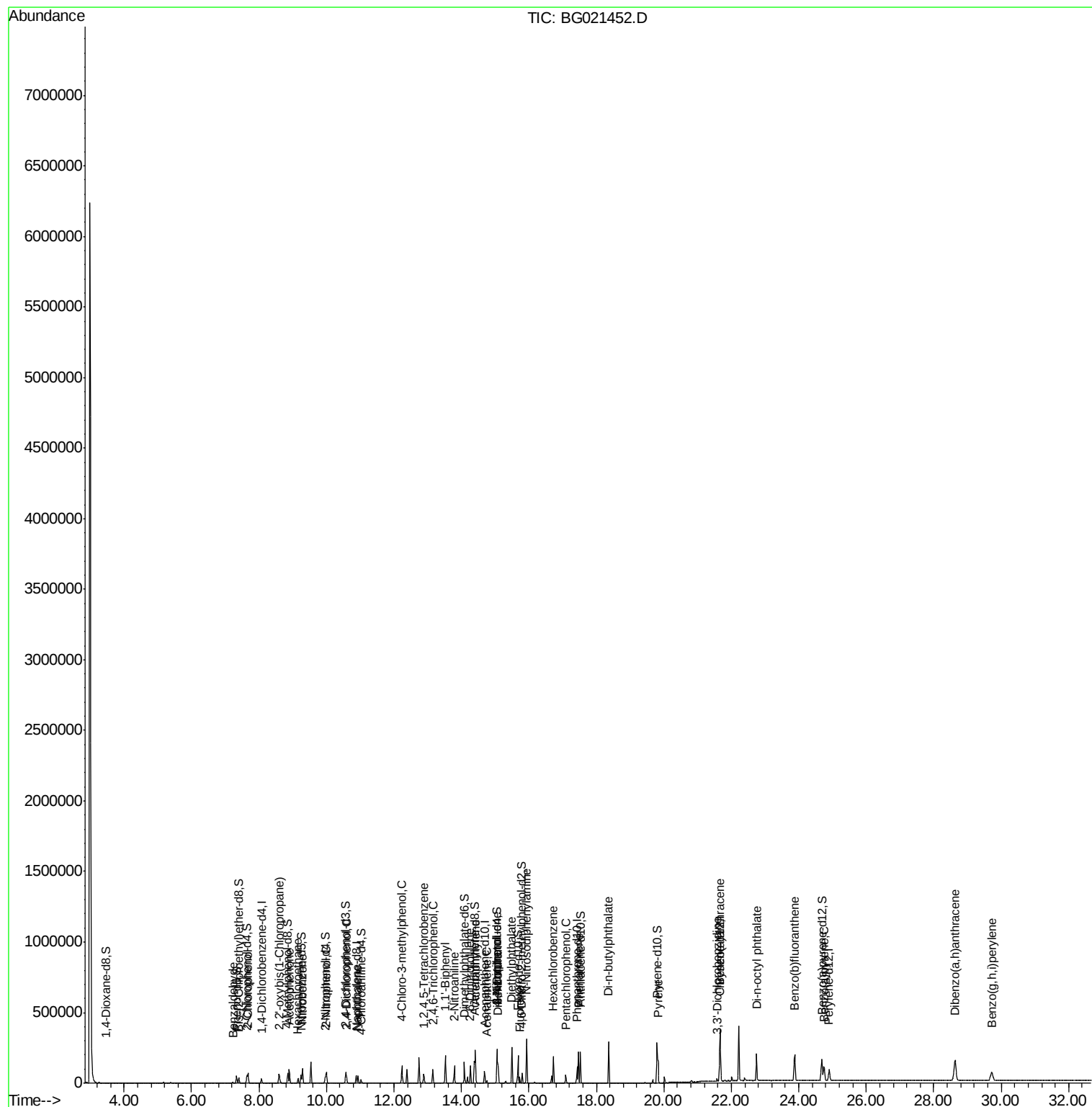
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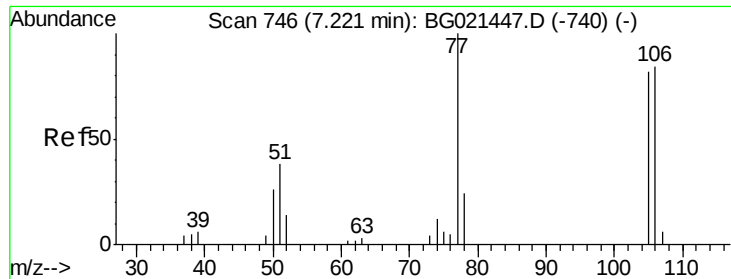
Instrument :
BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 22 01:42:49 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.86 ng/ul

RT: 7.22 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG021452.D

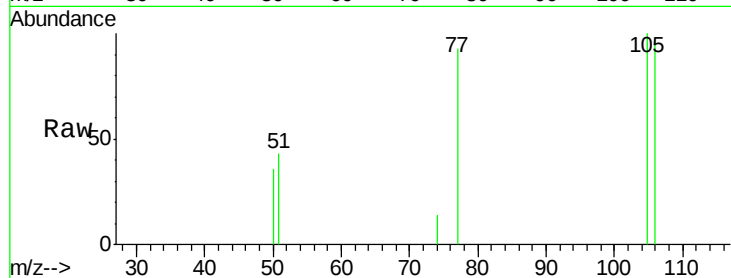
Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampled :

A4T15



Tgt Ion: 77 Resp: 1648

Ion Ratio Lower Upper

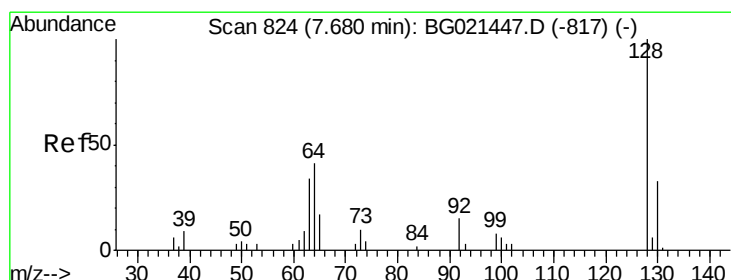
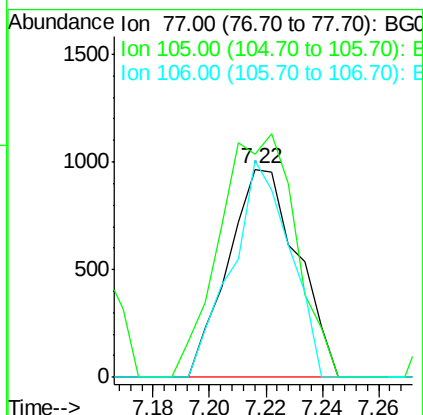
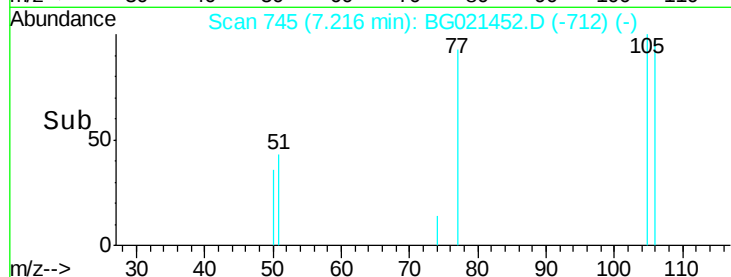
77 100

105 107.2 68.5 102.7#

106 103.9 65.0 97.4#

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#10

2-Chlorophenol

Concen: 40.58 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

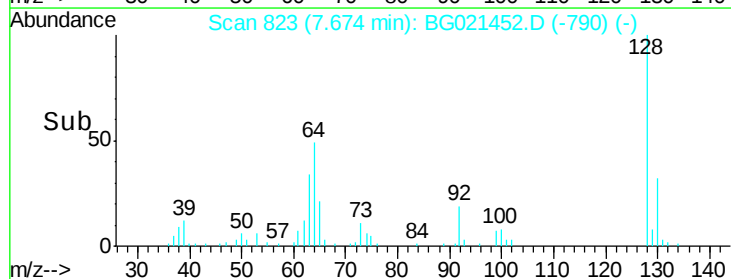
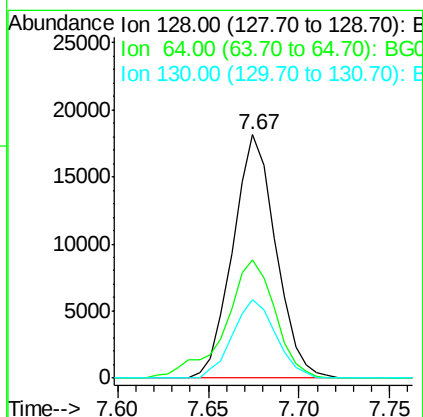
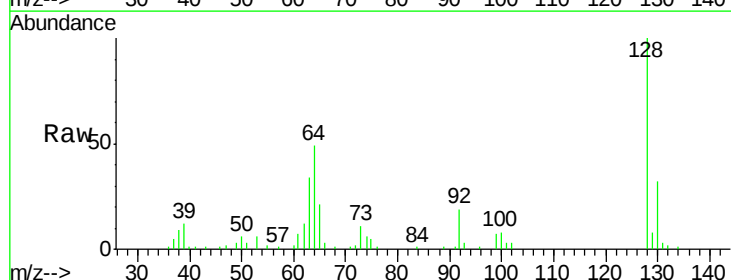
Tgt Ion: 128 Resp: 29966

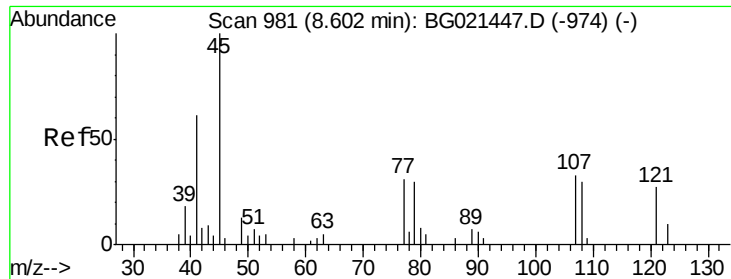
Ion Ratio Lower Upper

128 100

64 48.5 47.0 70.6

130 32.5 27.8 41.6





#12

2,2'-oxybis(1-Chloropropane)

Concen: 52.76 ng/ul

RT: 8.60 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

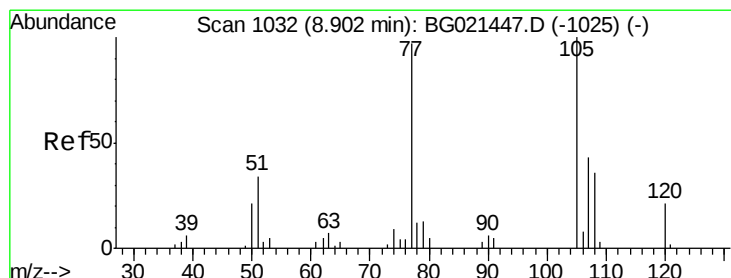
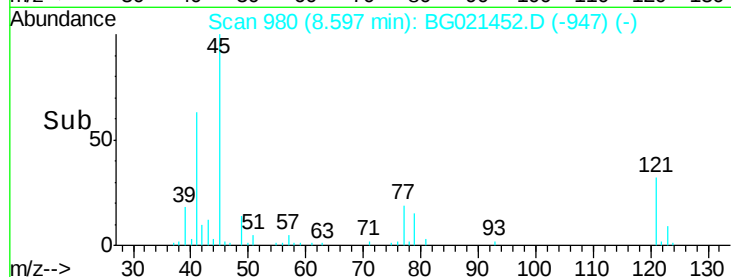
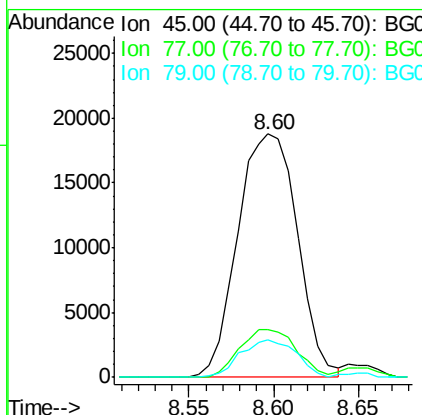
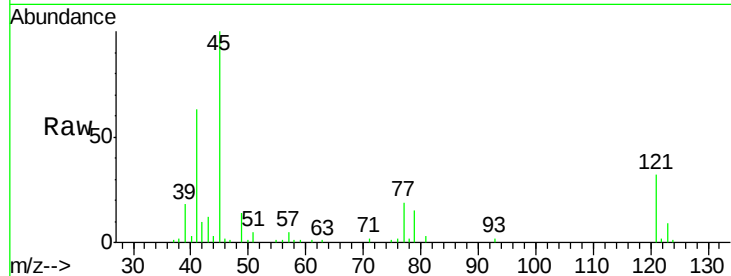
ClientSampled :

A4T15

Tgt Ion:	45	Resp:	46082
Ion Ratio		Lower	Upper
45	100		
77	19.4	12.2	18.4#
79	15.2	9.2	13.8#

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#14

Acetophenone

Concen: 38.57 ng/ul

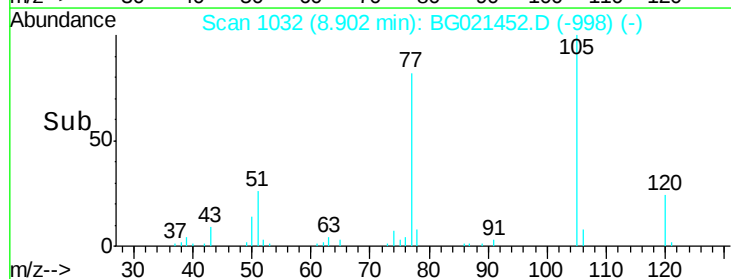
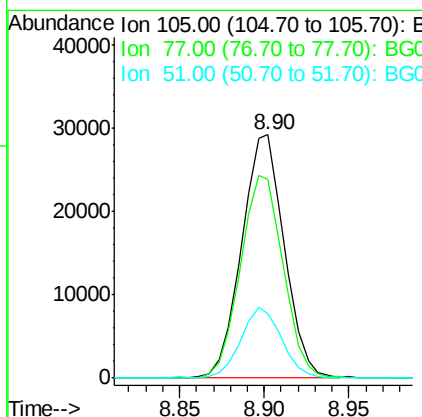
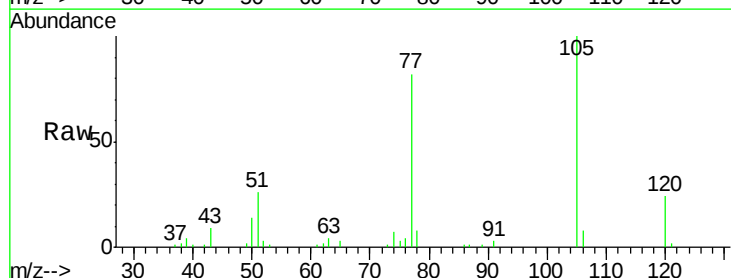
RT: 8.90 min Scan# 1032

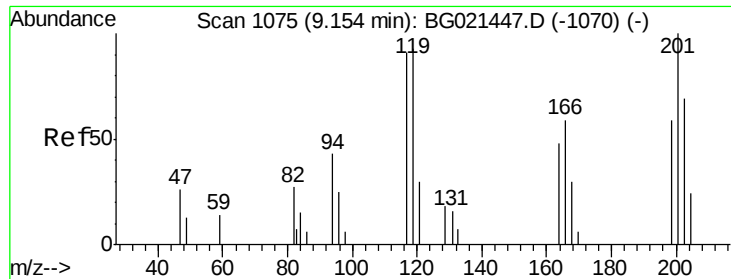
Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Tgt Ion:	105	Resp:	50996
Ion Ratio		Lower	Upper
105	100		
77	81.8	76.3	114.5
51	26.3	27.6	41.4#





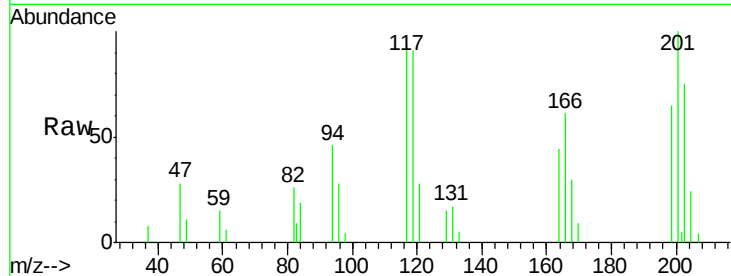
#17
Hexachloroethane
Concen: 19.35 ng/ul
RT: 9.16 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

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BNA_G
ClientSampled :
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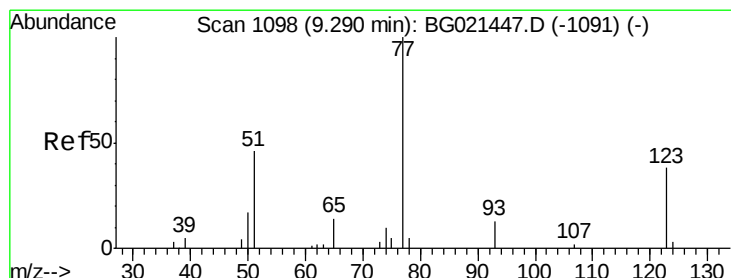
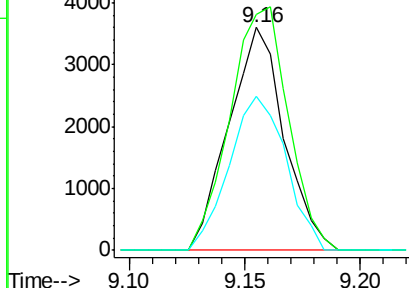
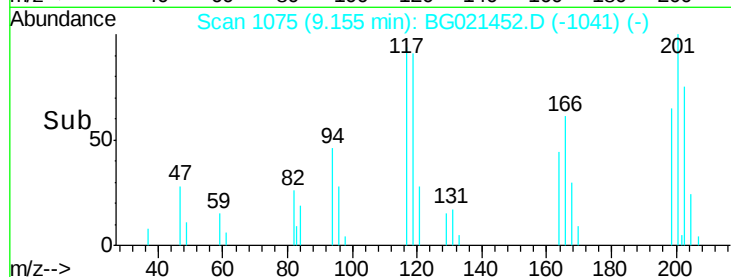
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	5996		
201	111.3	83.5	125.3	
199	69.0	49.3	73.9	

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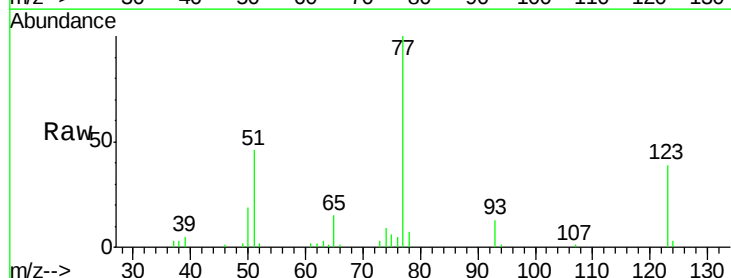


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

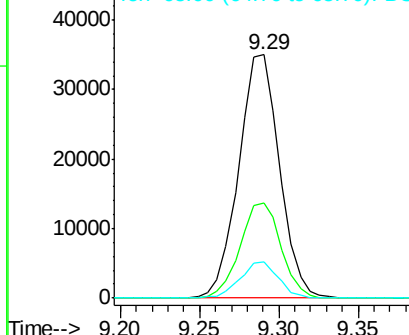
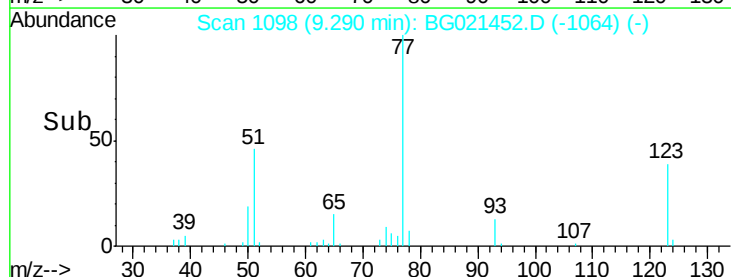


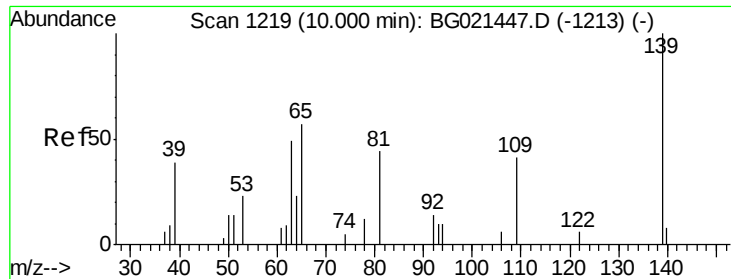
#20
Nitrobenzene
Concen: 64.85 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	62455		
123	38.9	28.4	42.6	
65	14.8	11.0	16.6	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





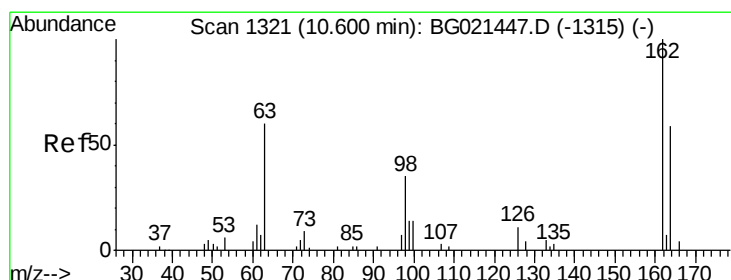
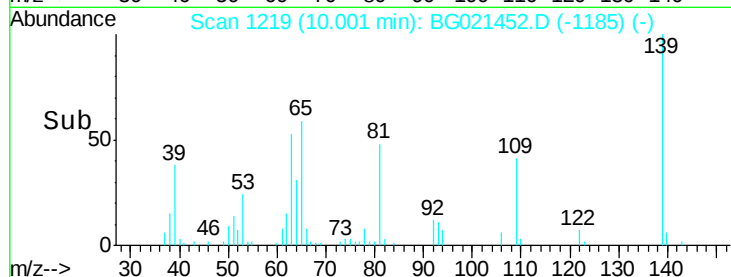
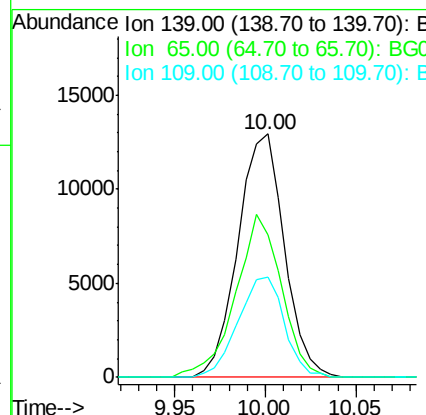
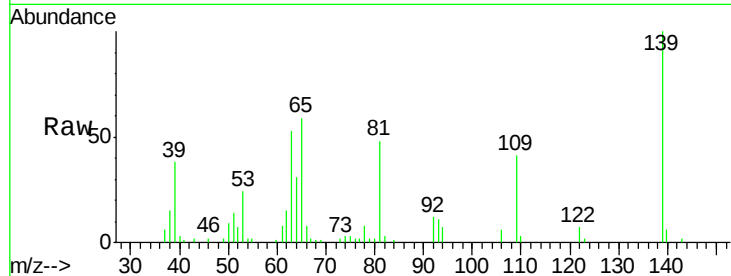
#23
 2-Nitrophenol
 Concen: 53.34 ng/ul
 RT: 10.00 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
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 A4T15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	22948		
65	58.8	55.0	82.4	
109	41.1	31.4	47.2	

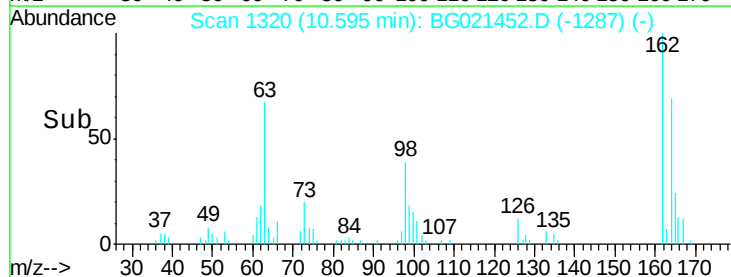
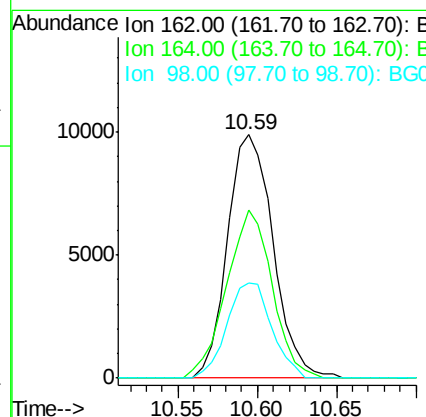
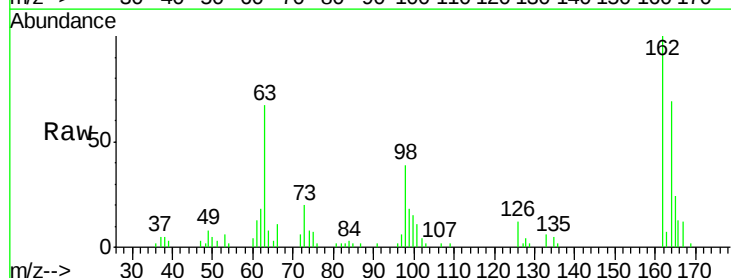
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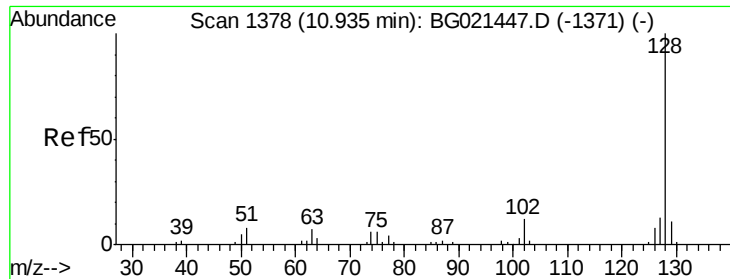
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#27
 2,4-Dichlorophenol
 Concen: 27.29 ng/ul
 RT: 10.59 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	19745		
164	69.0	50.3	75.5	
98	38.9	30.8	46.2	





#28

Naphthalene

Concen: 17.89 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

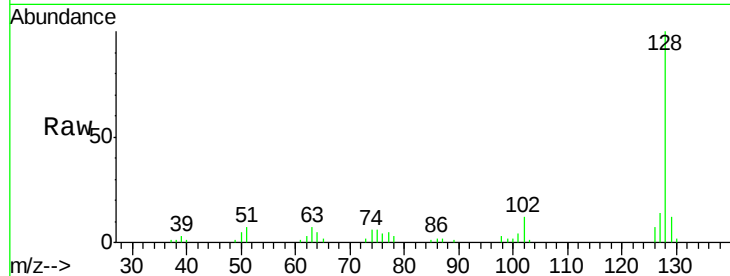
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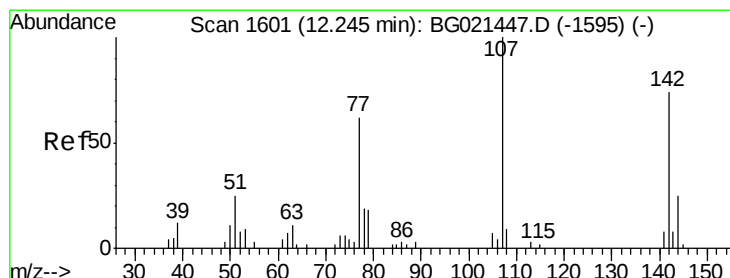
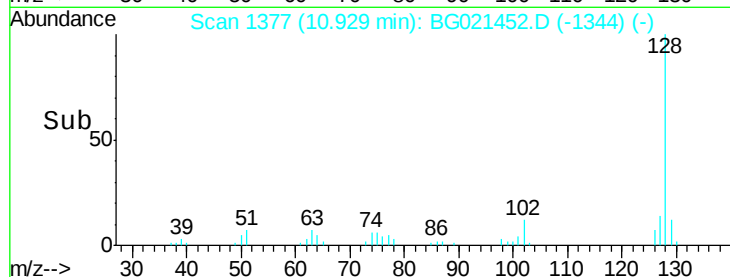
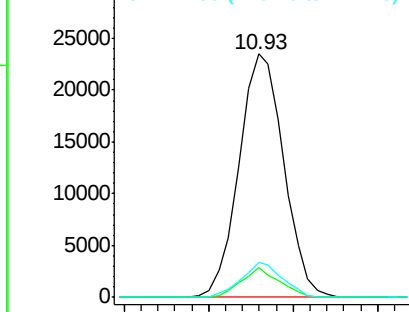
Tgt Ion:	128	Resp:	43114
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.3	12.5
127	14.2	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 53.97 ng/ul

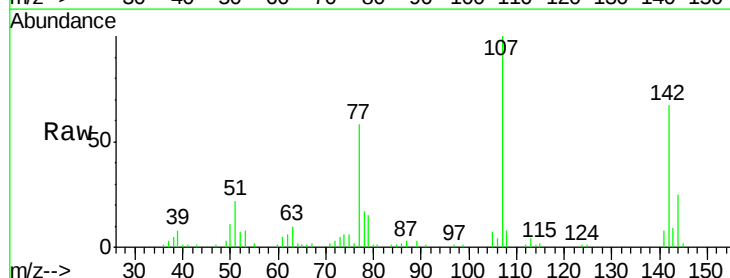
RT: 12.23 min Scan# 1599

Delta R.T. -0.01 min

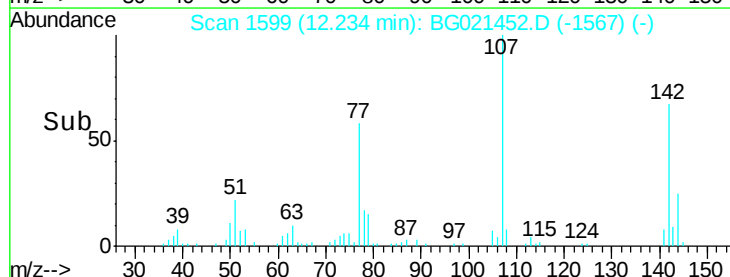
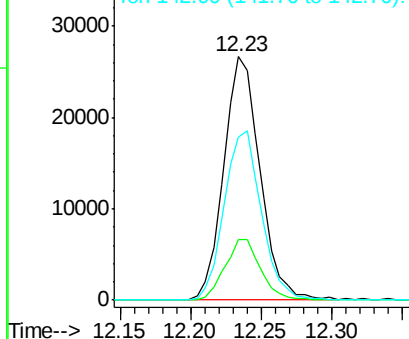
Lab File: BG021452.D

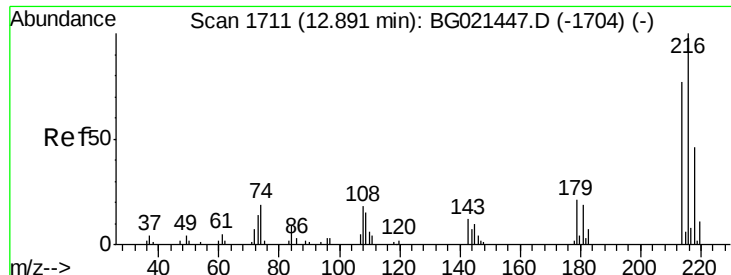
Acq: 21 Mar 2016 20:25

Tgt Ion:	107	Resp:	47687
Ion Ratio	Lower	Upper	
107	100		
144	25.0	17.2	25.8
142	66.9	52.0	78.0



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





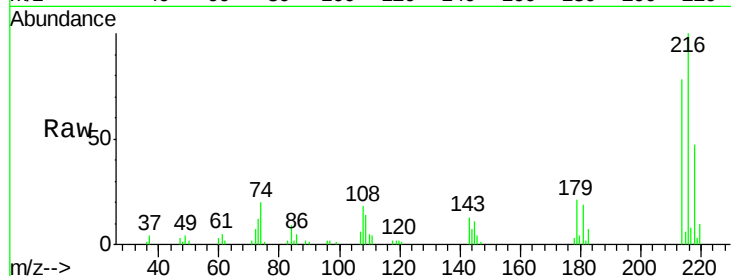
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.37 ng/ul
 RT: 12.89 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG021452.D
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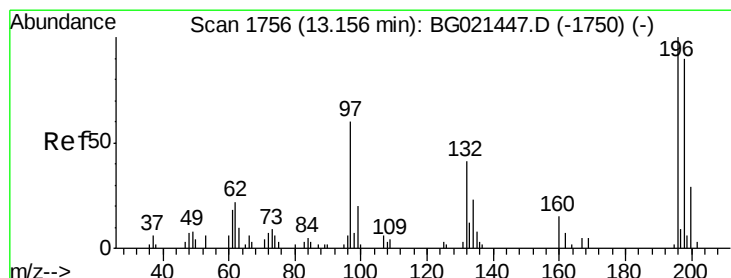
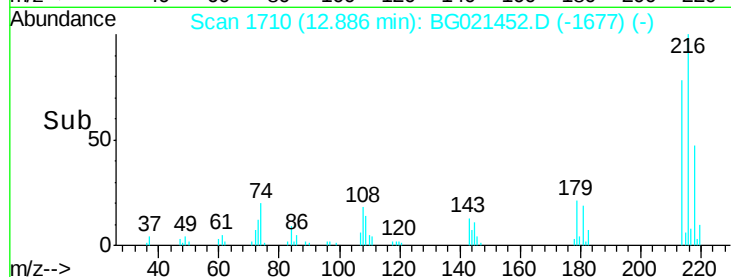
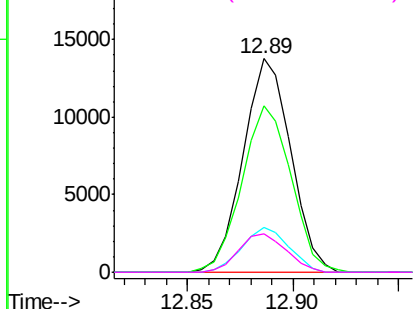
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	21583		
214	77.8	57.8	86.8	
179	21.1	19.5	29.3	
108	17.9	15.8	23.8	

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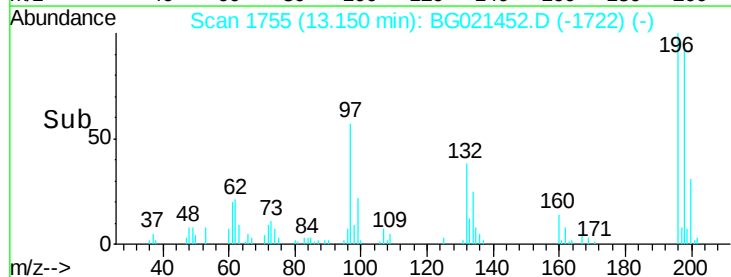
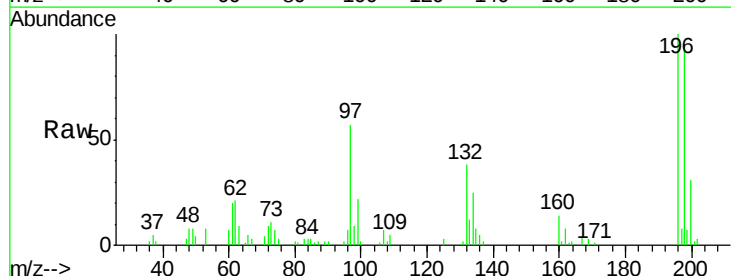
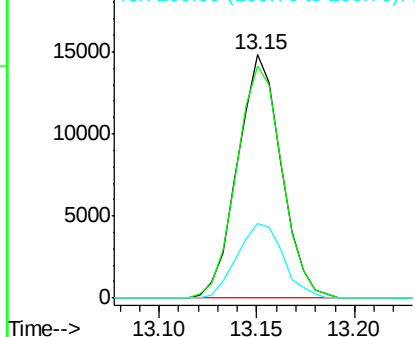
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

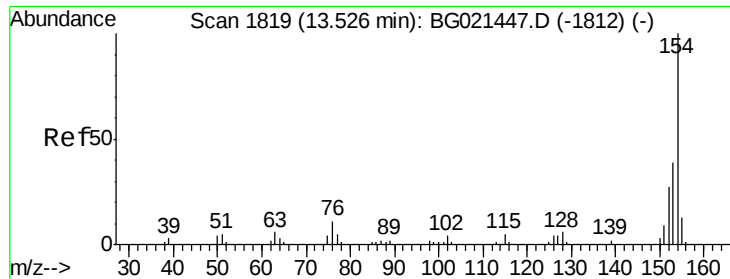


#39
 2,4,6-Trichlorophenol
 Concen: 38.74 ng/ul
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	23003		
198	95.3	74.3	111.5	
200	30.5	22.8	34.2	

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





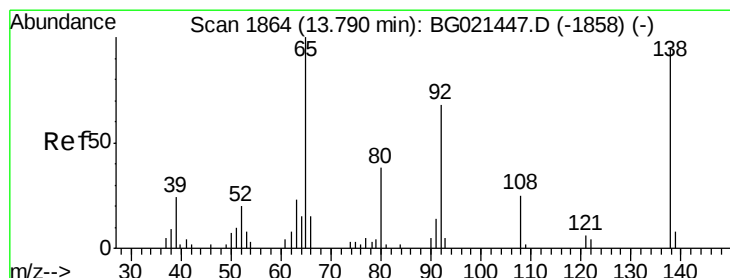
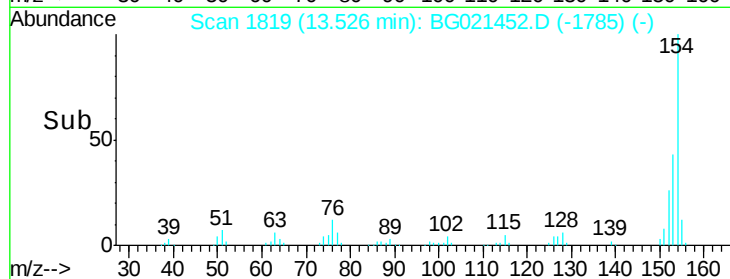
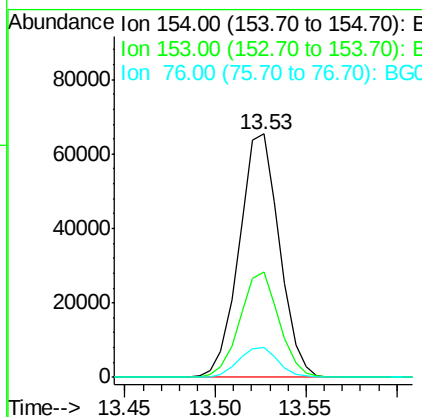
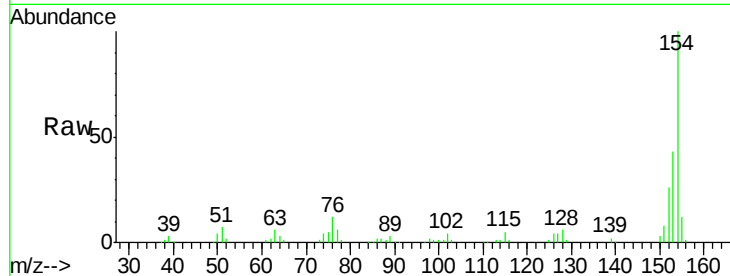
#41
 1,1'-Biphenyl
 Concen: 42.66 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 A4T15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	100694		
153	43.1	35.4	53.2	
76	12.3	12.1	18.1	

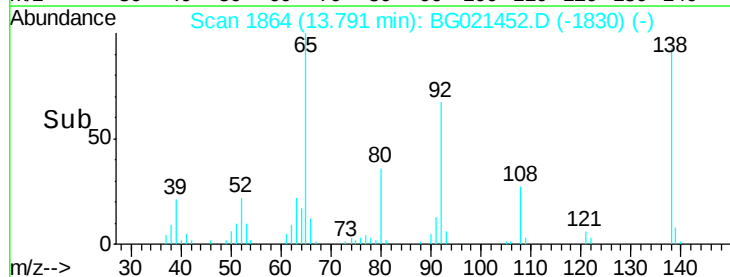
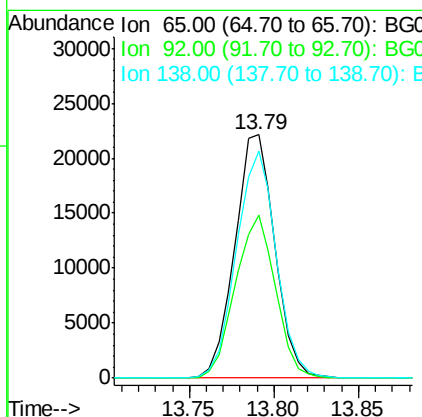
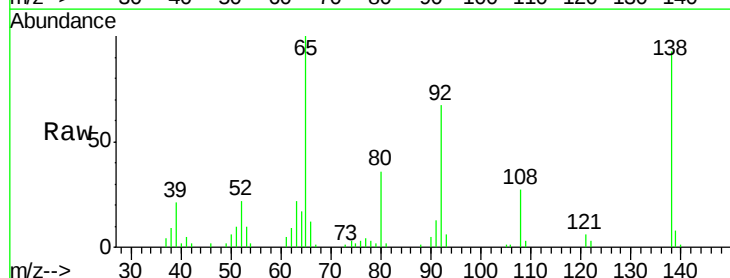
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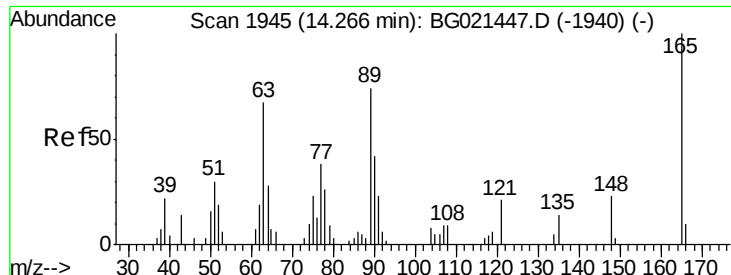
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#43
 2-Nitroaniline
 Concen: 56.60 ng/ul
 RT: 13.79 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	36439		
92	67.1	48.5	72.7	
138	93.5	59.8	89.6	





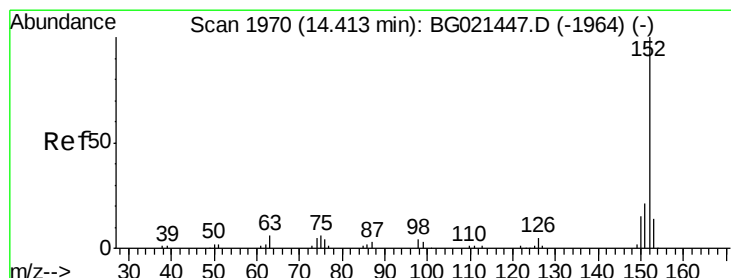
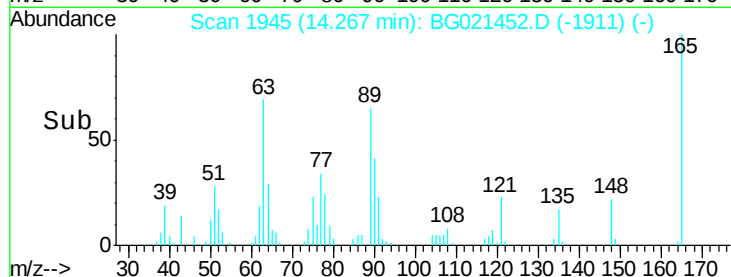
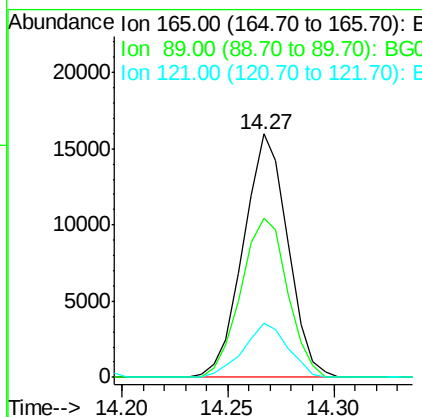
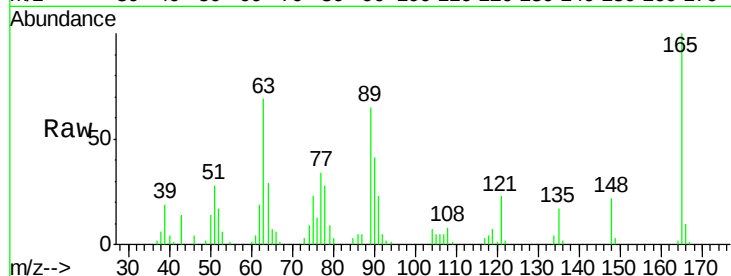
#46
 2,6-Dinitrotoluene
 Concen: 45.82 ng/ul
 RT: 14.27 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 A4T15

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
89	65.3	64.6	96.8
121	22.5	20.4	30.6

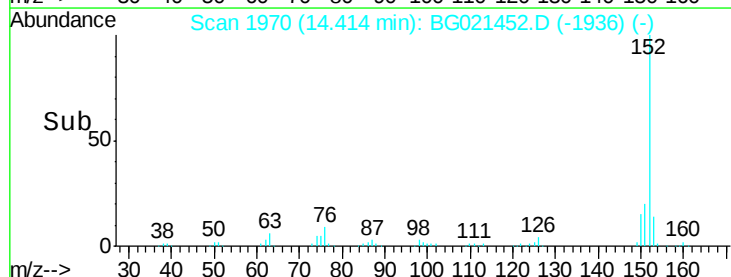
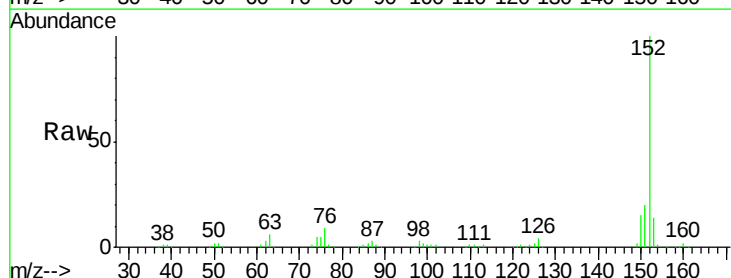
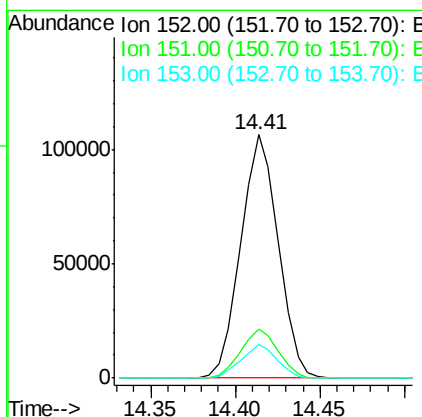
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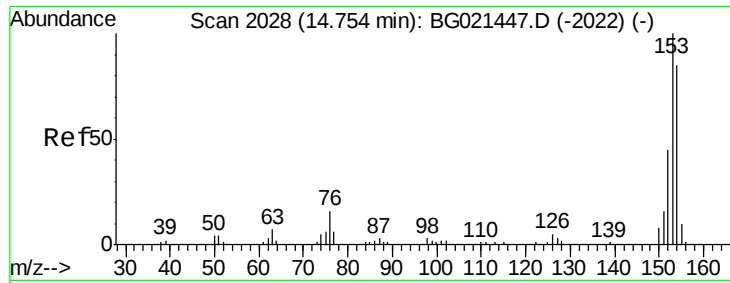
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#48
 Acenaphthylene
 Concen: 56.08 ng/ul
 RT: 14.41 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.3	17.3	25.9
153	14.0	11.1	16.7





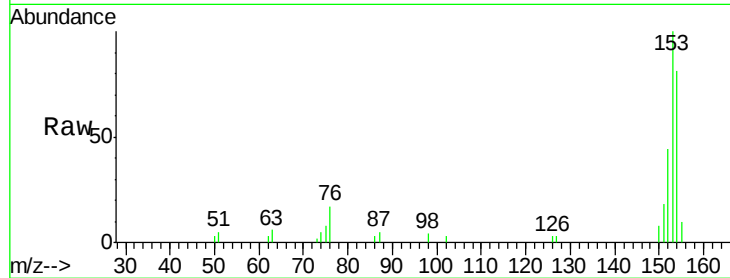
#50
Acenaphthene
Concen: 4.71 ng/ul
RT: 14.75 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
A4T15

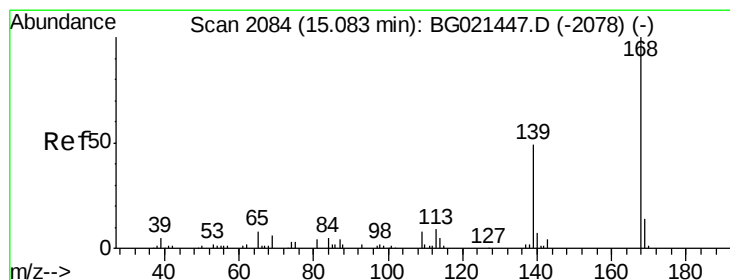
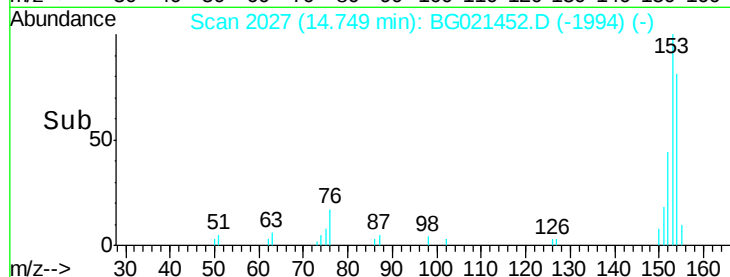
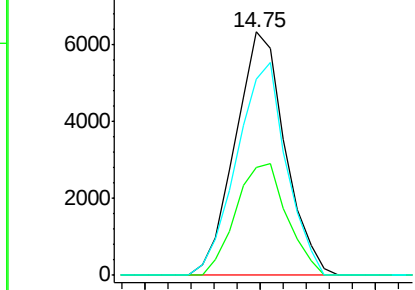
Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.2	36.5	54.7
154	80.6	67.3	100.9

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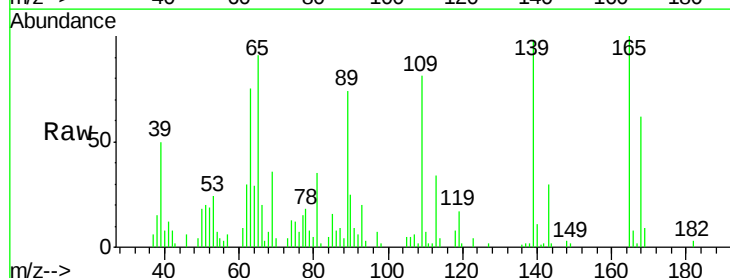


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

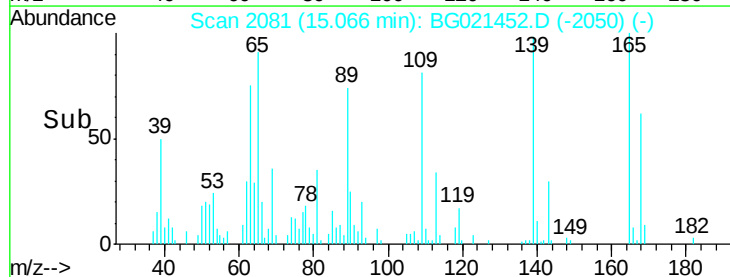
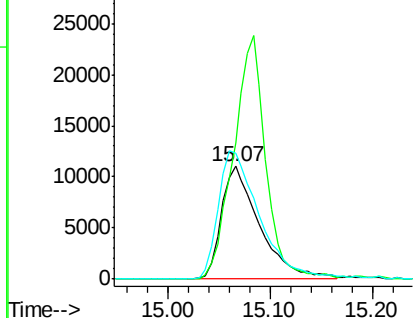


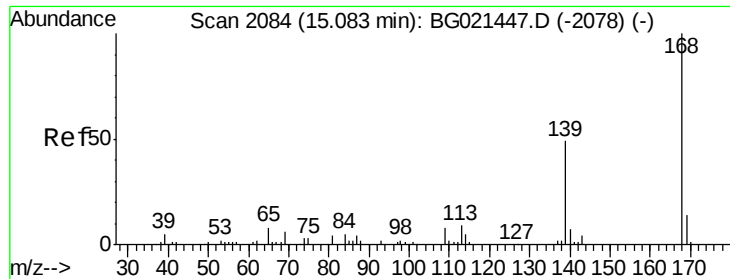
#53
4-Nitrophenol
Concen: 72.37 ng/ul m
RT: 15.07 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Lower	Upper
109	100		
139	120.9	75.9	113.9#
65	112.0	99.8	149.8



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGO





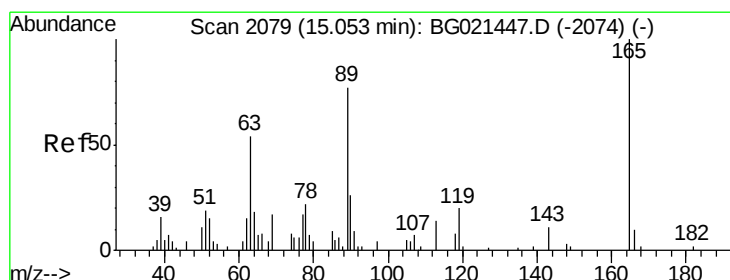
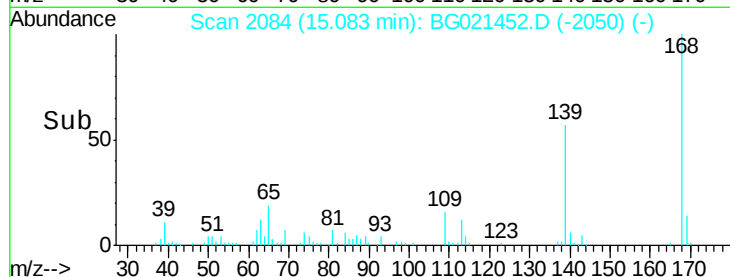
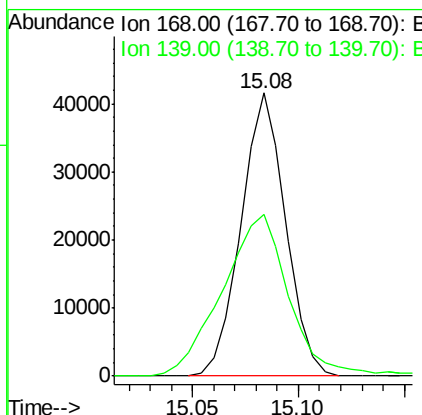
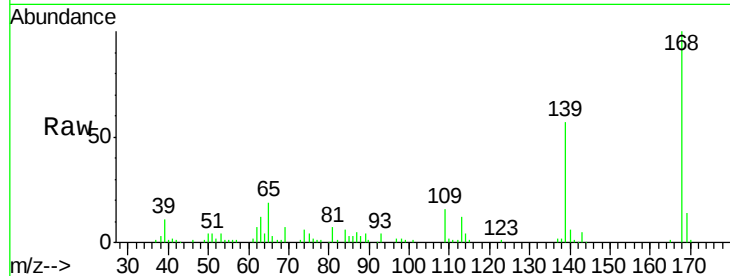
#54
Dibenzenofuran
Concen: 21.39 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
A4T15

Tgt Ion:168 Resp: 60633
Ion Ratio Lower Upper
168 100
139 57.3 35.2 52.8#

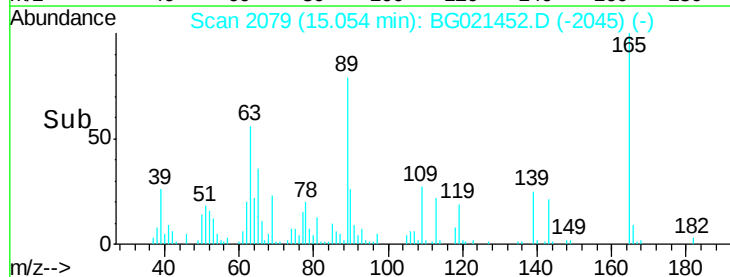
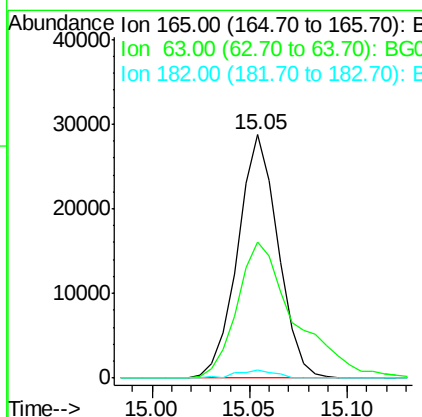
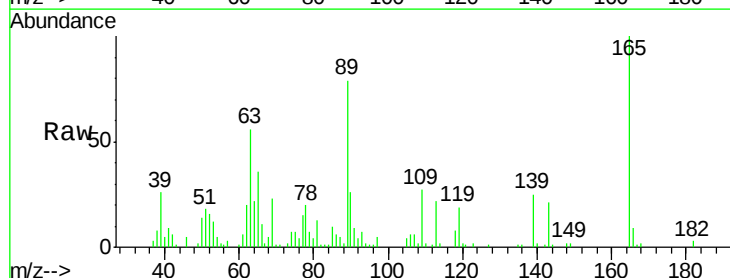
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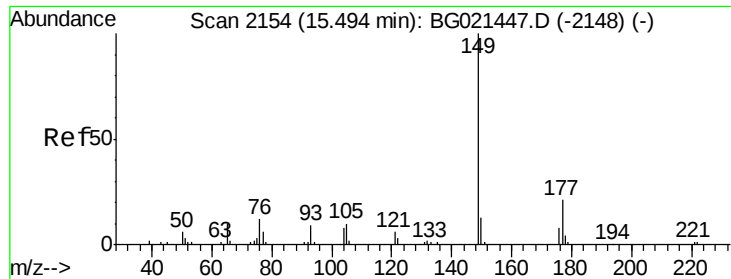
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#55
2,4-Dinitrotoluene
Concen: 55.00 ng/ul
RT: 15.05 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion:165 Resp: 41074
Ion Ratio Lower Upper
165 100
63 55.8 48.1 72.1
182 3.5 2.2 3.2#





#57

Diethylphthalate

Concen: 51.15 ng/ul

RT: 15.49 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

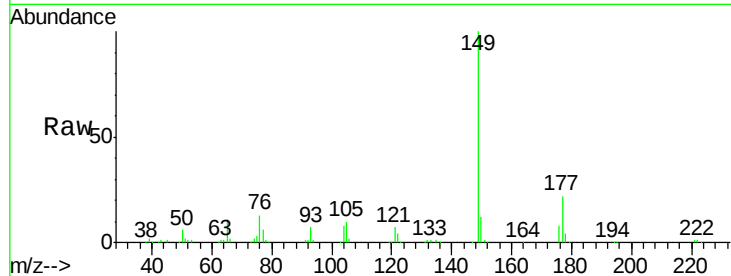
ClientSampled :

A4T15

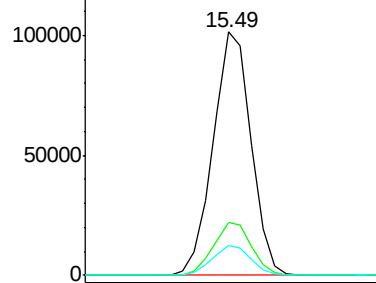
Tgt Ion:	149	Resp:	136439
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.4	26.2
150	12.4	10.2	15.2

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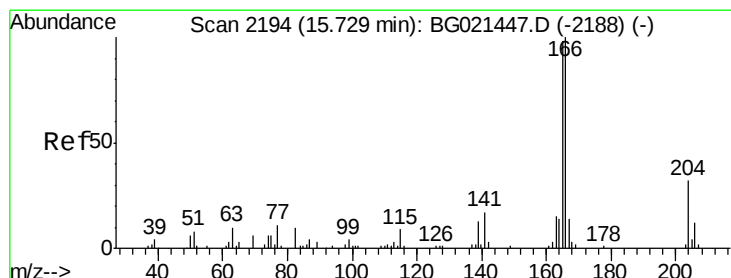
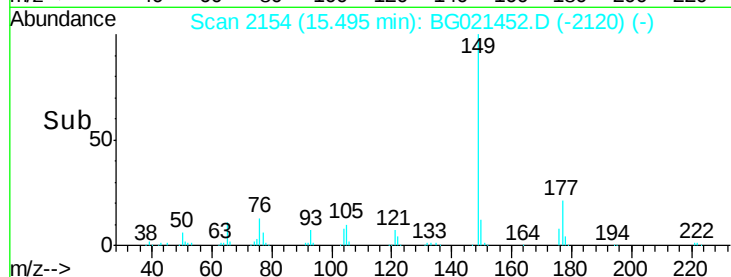
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->



#59

Fluorene

Concen: 8.51 ng/ul

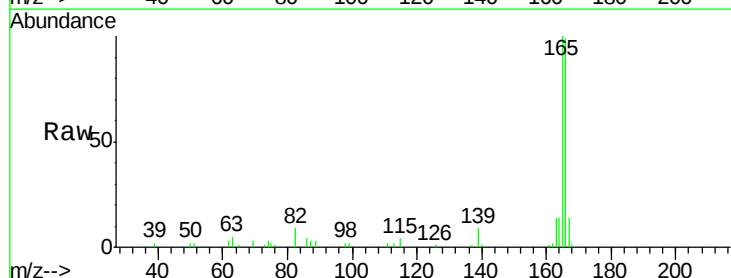
RT: 15.73 min Scan# 2194

Delta R.T. 0.00 min

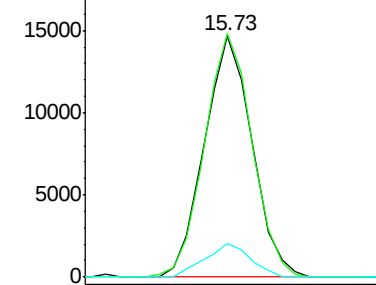
Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

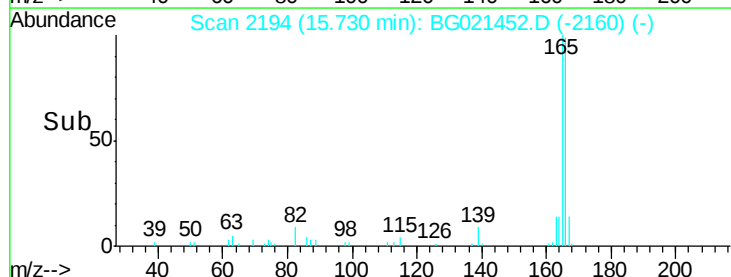
Tgt Ion:	166	Resp:	21088
Ion Ratio	Lower	Upper	
166	100		
165	100.8	81.1	121.7
167	13.9	10.6	16.0

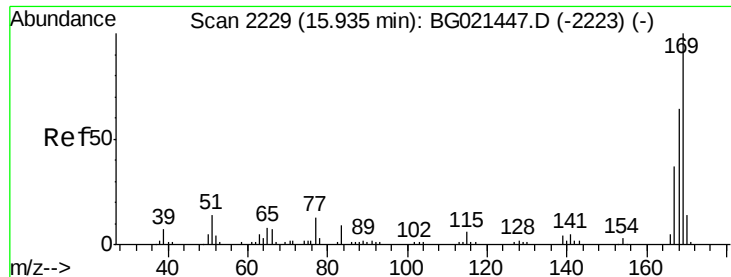


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#65

N-Nitrosodiphenylamine

Concen: 54.51 ng/ul

RT: 15.94 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

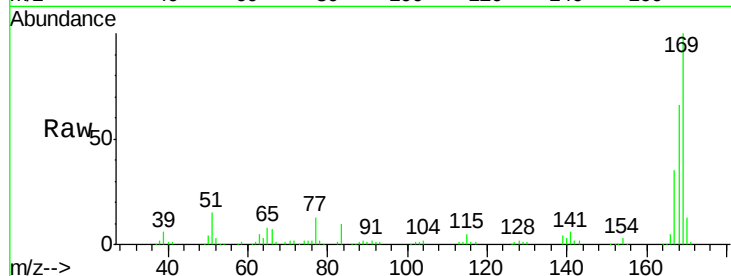
ClientSampleId :

A4T15

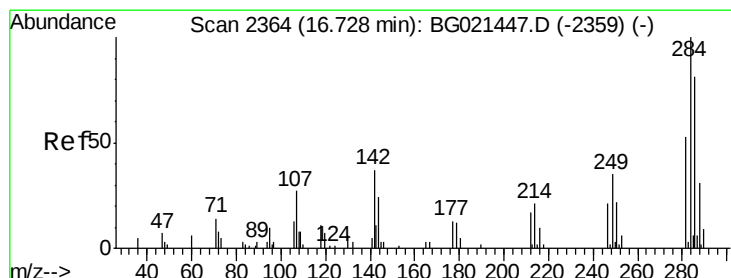
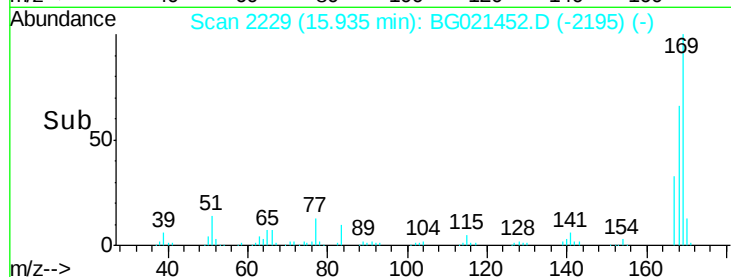
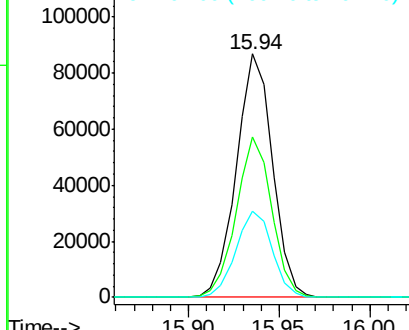
Tgt Ion:	169	Resp:	120055
Ion Ratio	Lower	Upper	
169	100		
168	66.0	51.2	76.8
167	35.2	28.6	43.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#67

Hexachlorobenzene

Concen: 42.15 ng/ul

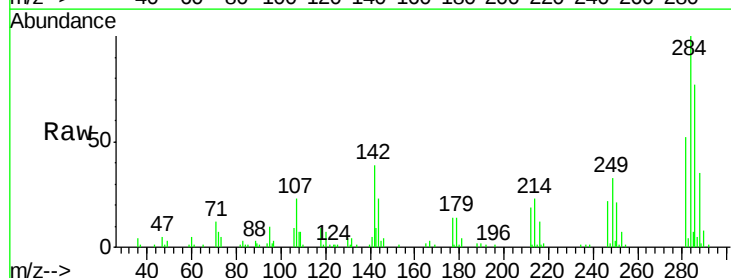
RT: 16.73 min Scan# 2364

Delta R.T. 0.00 min

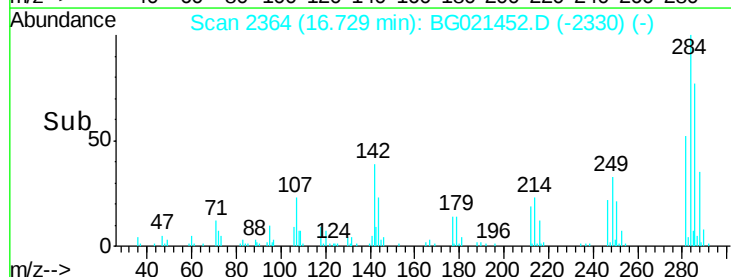
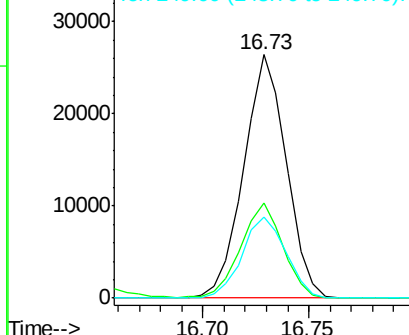
Lab File: BG021452.D

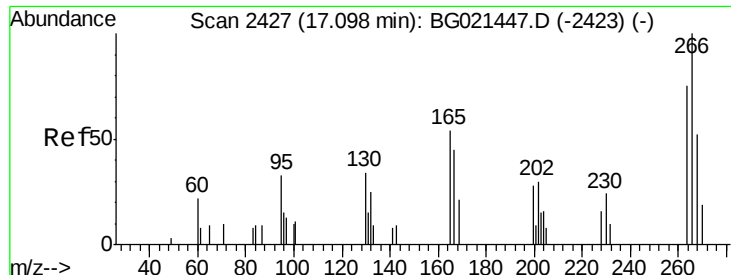
Acq: 21 Mar 2016 20:25

Tgt Ion:	284	Resp:	36922
Ion Ratio	Lower	Upper	
284	100		
142	36.5	33.8	50.6
249	33.7	28.9	43.3



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





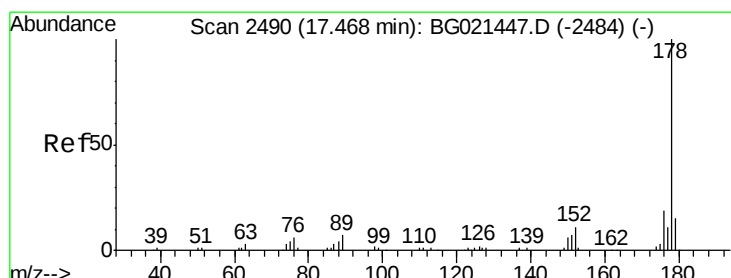
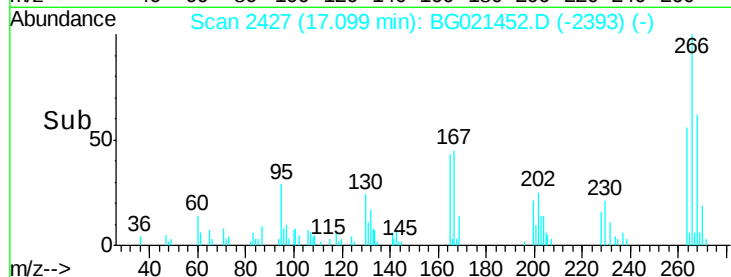
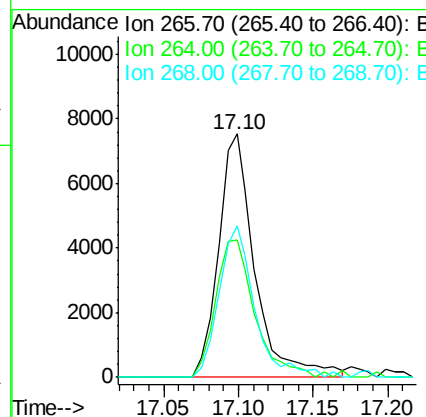
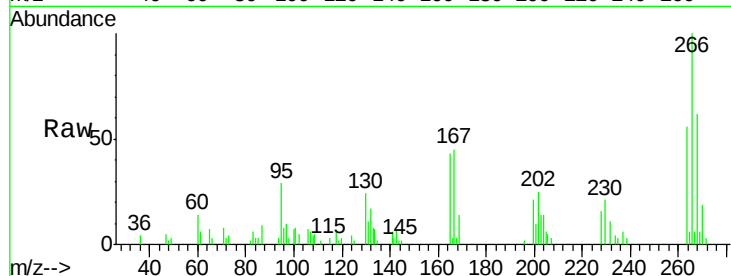
#69
 Pentachlorophenol
 Concen: 55.09 ng/ul
 RT: 17.10 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
 ClientSampled :
 A4T15

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	56.7	85.1
268	68.0	50.6	76.0

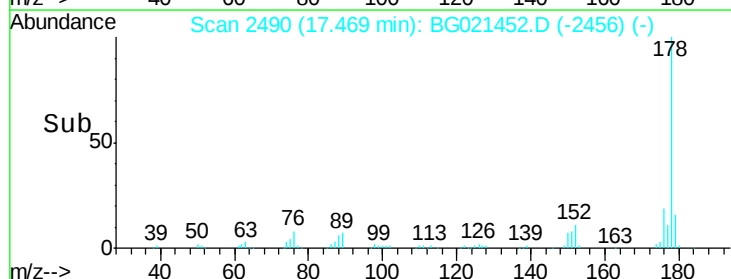
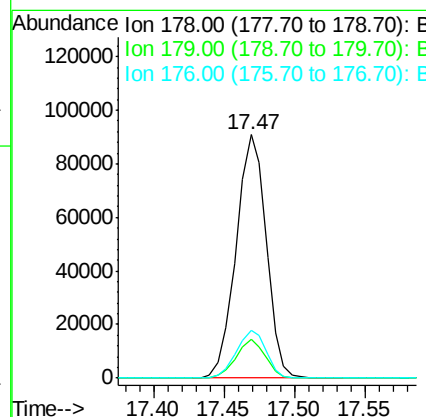
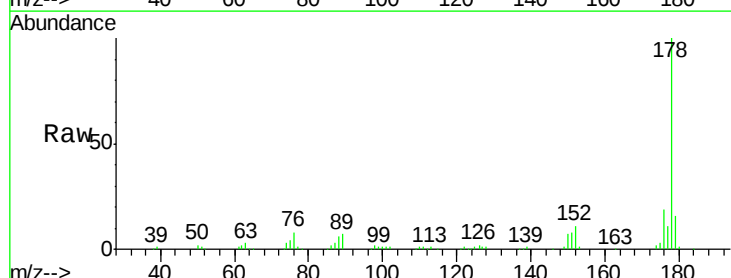
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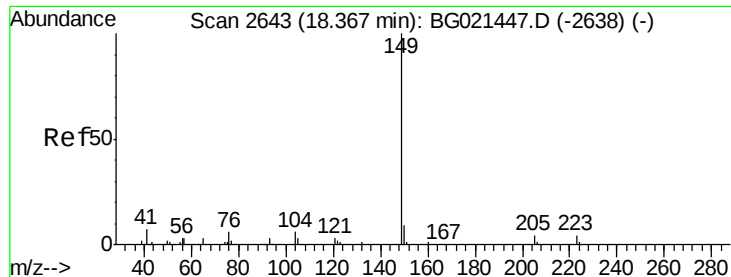
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#70
 Phenanthrene
 Concen: 33.52 ng/ul
 RT: 17.47 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	19.4	14.8	22.2





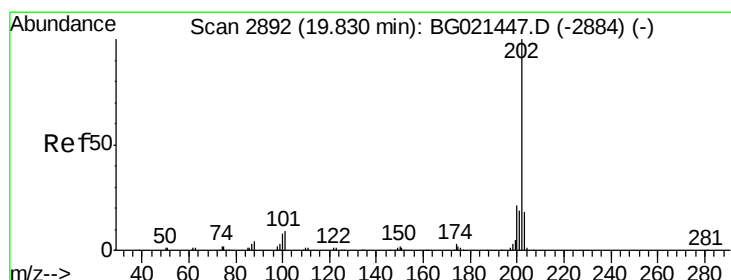
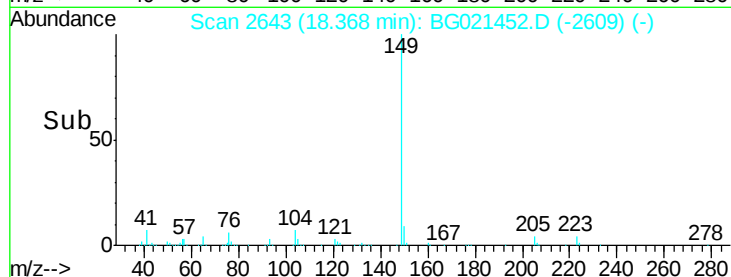
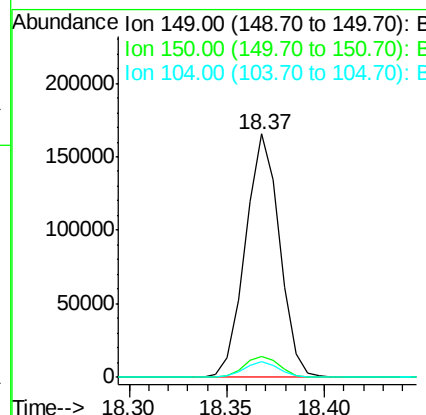
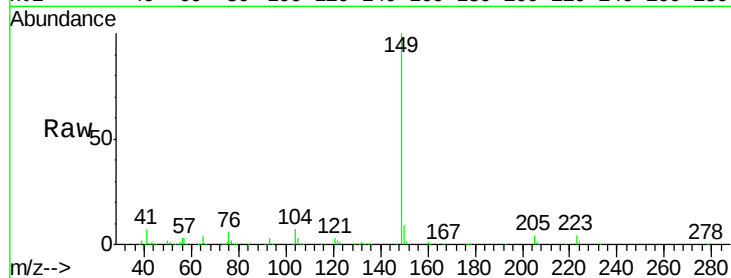
#76
Di-n-butylphthalate
Concen: 43.89 ng/ul
RT: 18.37 min Scan# 2643
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
A4T15

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.5	7.5	11.3
104	6.6	5.4	8.2

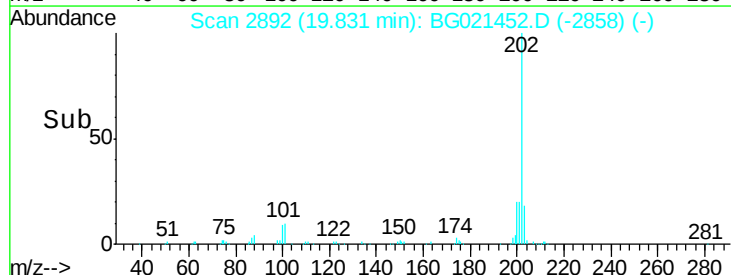
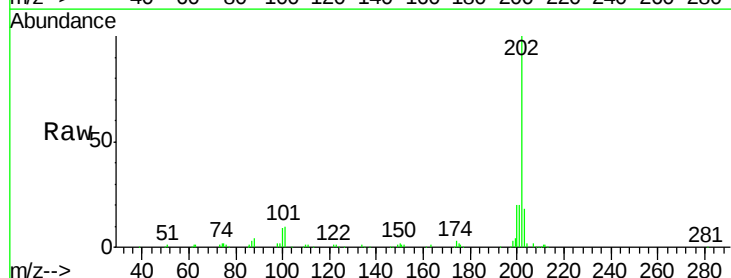
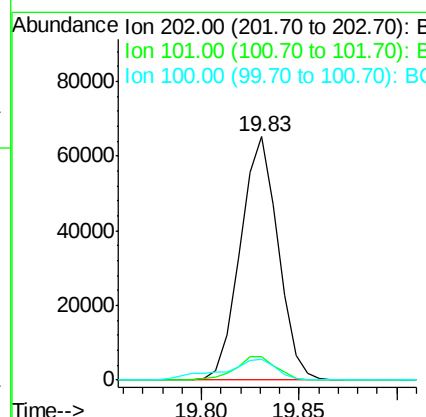
Manual Integrations
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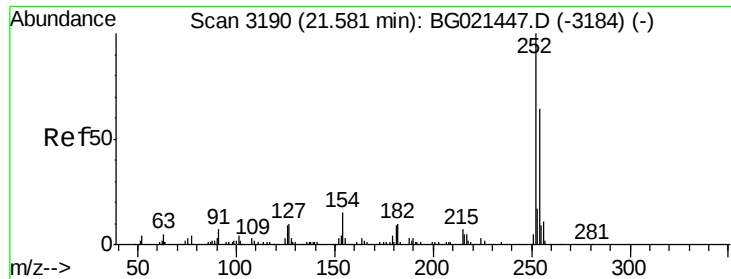
Sohil
3/22/2016 5:37:45 PM



#80
Pyrene
Concen: 17.17 ng/ul
RT: 19.83 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	9.8	14.8#
100	8.8	9.3	13.9#





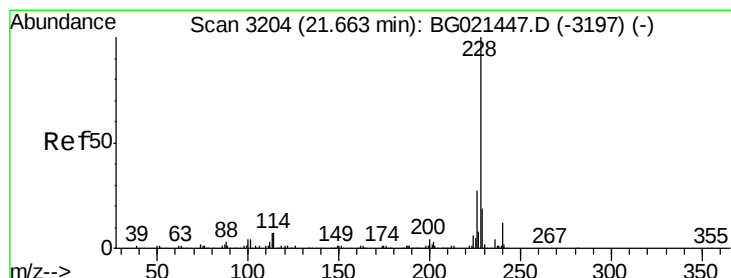
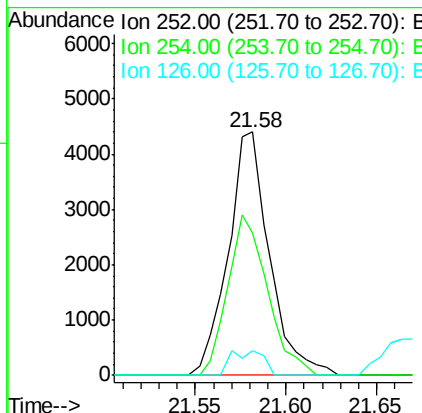
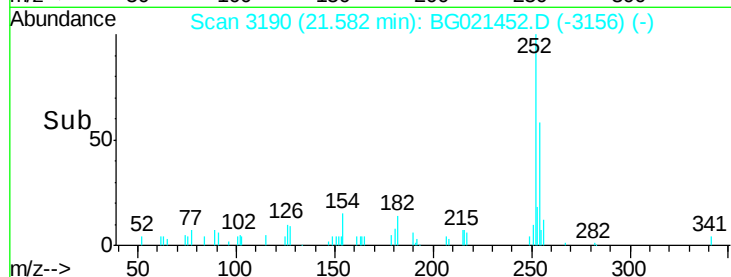
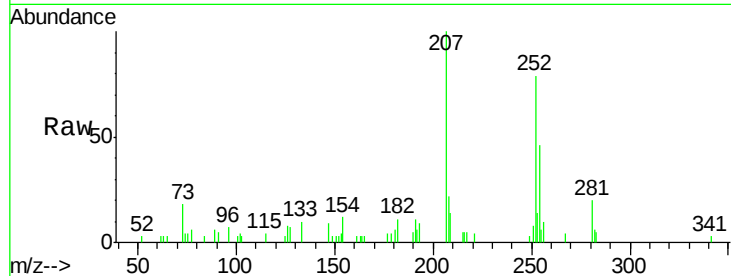
#82
 3,3'-Dichlorobenzidine
 Concen: 3.95 ng/ul
 RT: 21.58 min Scan# 3190
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 A4T15

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		6987		
254	58.4	52.8	79.2		
126	10.3	9.8	14.8		

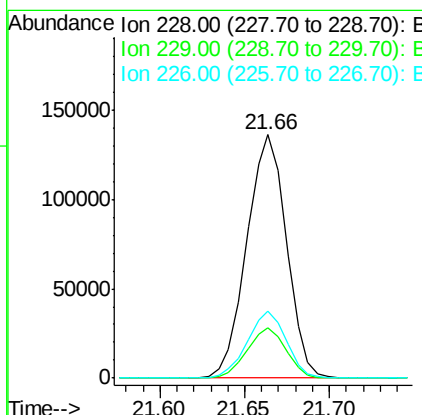
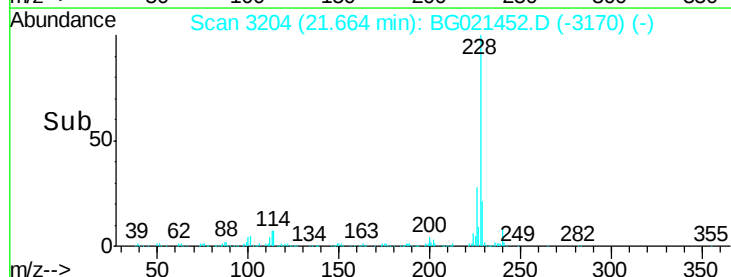
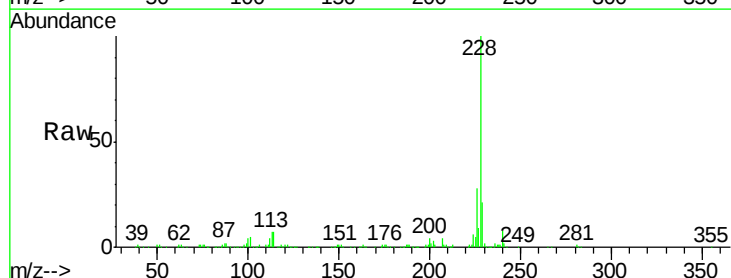
Manual Integrations
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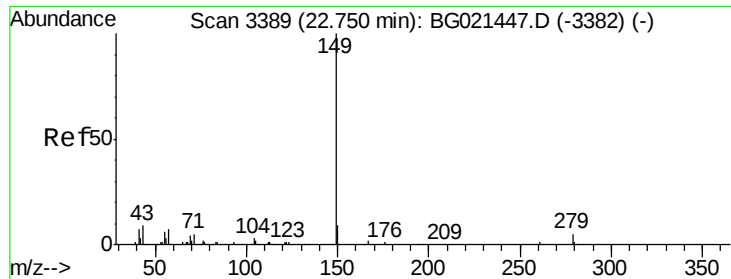
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#83
 Benzo(a)anthracene
 Concen: 43.27 ng/ul
 RT: 21.66 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: BG021452.D
 Acq: 21 Mar 2016 20:25

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		222942		
229	20.6	16.6	25.0		
226	27.5	21.0	31.4		





#87

Di-n-octyl phthalate

Concen: 29.47 ng/ul

RT: 22.75 min Scan# 3389

Delta R.T. 0.00 min

Lab File: BG021452.D

Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

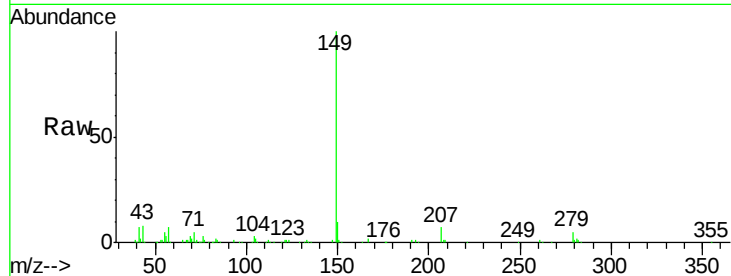
ClientSampled :

A4T15

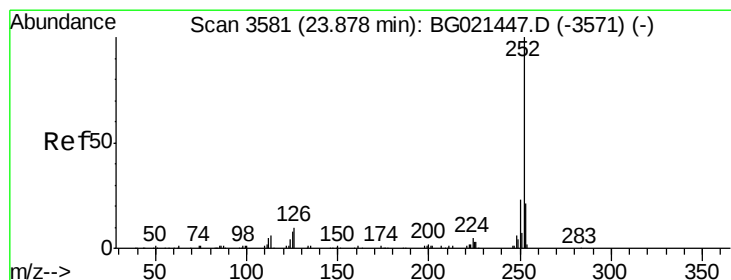
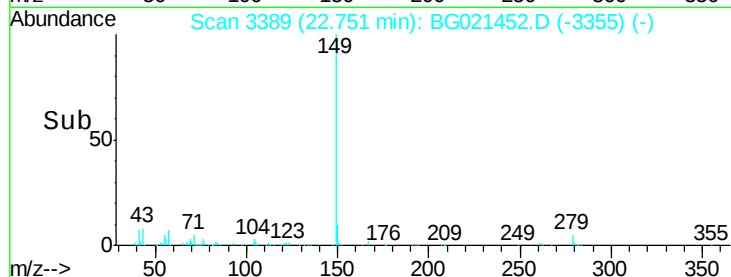
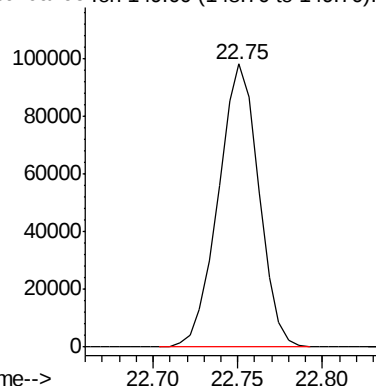
Tgt Ion:149 Resp: 163861

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 34.48 ng/ul

RT: 23.88 min Scan# 3581

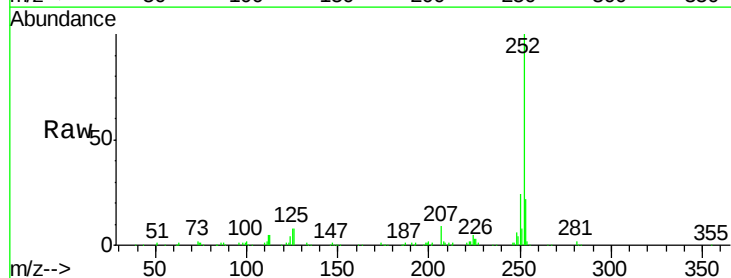
Delta R.T. 0.00 min

Lab File: BG021452.D

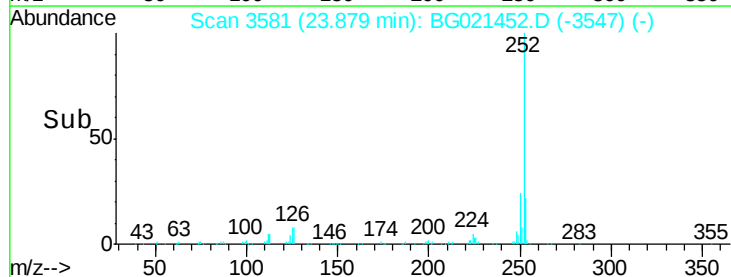
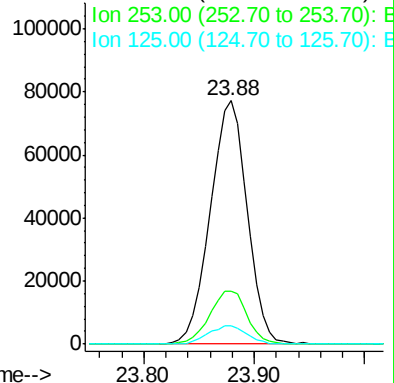
Acq: 21 Mar 2016 20:25

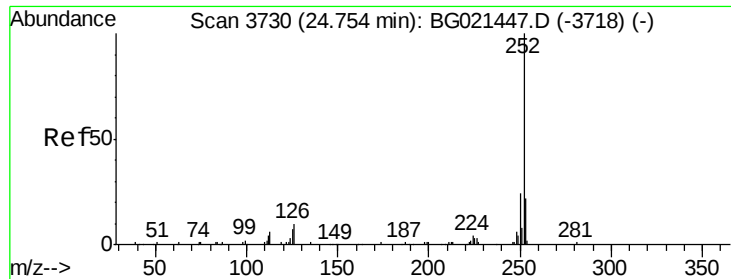
Tgt Ion:252 Resp: 181425

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	7.8	7.6	11.4



Abundance Ion 252.00 (251.70 to 252.70): E





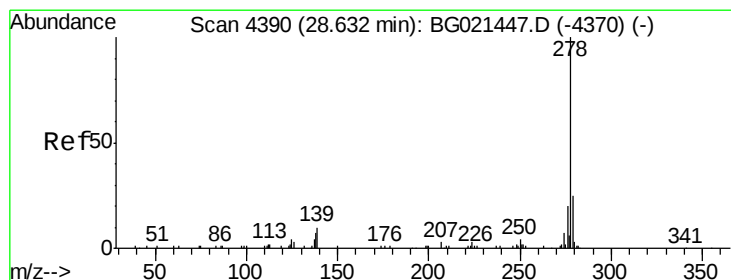
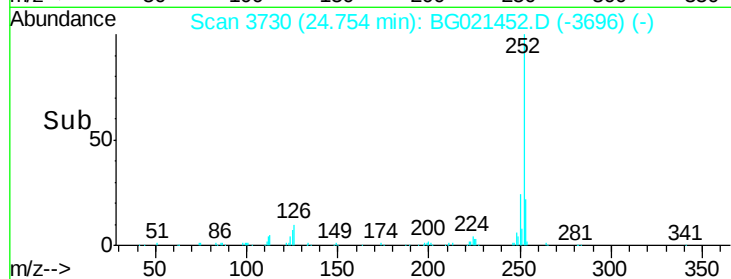
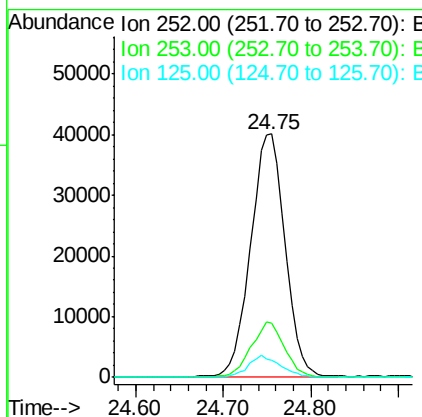
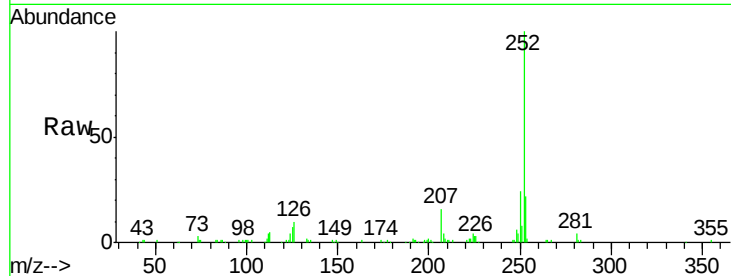
#91
Benzo(a)pyrene
Concen: 21.19 ng/u1
RT: 24.75 min Scan# 3730
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Instrument :
BNA_G
ClientSampled :
A4T15

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.4	26.0
125	7.2	8.2	12.2#

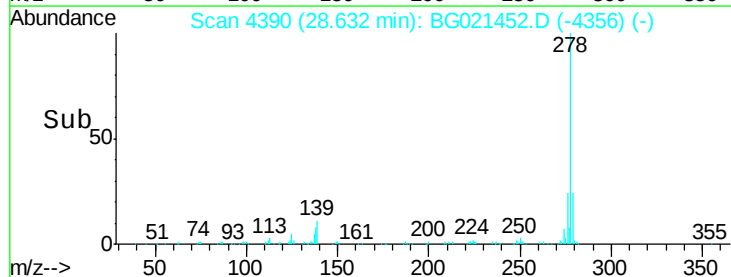
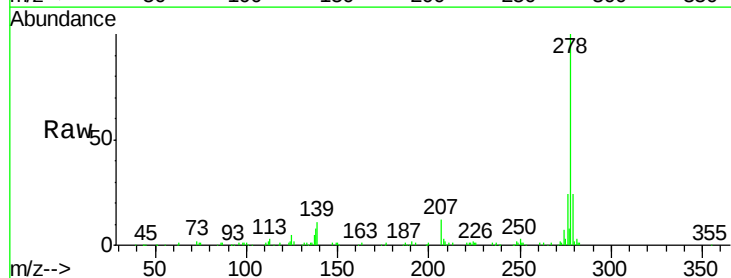
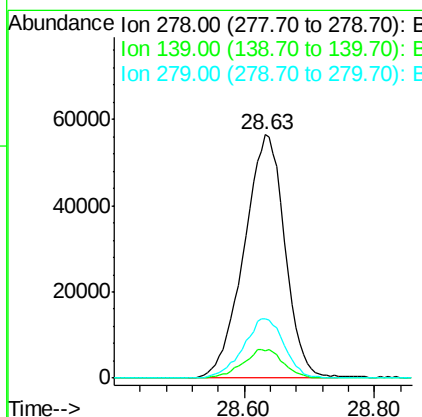
Manual Integrations
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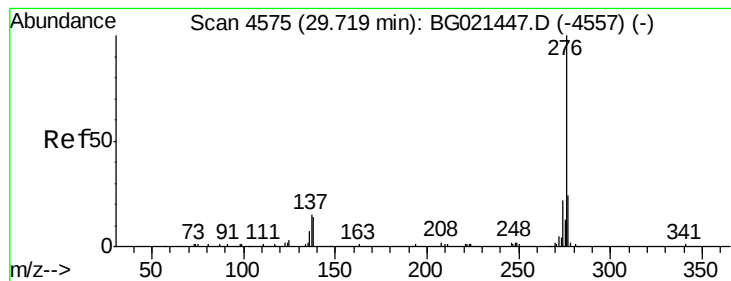
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#93
Dibenzo(a,h)anthracene
Concen: 49.54 ng/u1
RT: 28.63 min Scan# 4390
Delta R.T. 0.00 min
Lab File: BG021452.D
Acq: 21 Mar 2016 20:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.3	12.1	18.1#
279	24.3	19.8	29.8





#94

Benzo(g,h,i)perylene

Concen: 26.11 ng/ul

RT: 29.72 min Scan# 4575

Delta R.T. 0.00 min

Lab File: BG021452.D

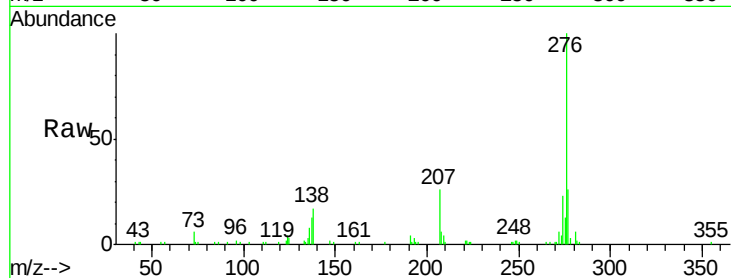
Acq: 21 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

A4T15



Tgt	Ion	276	Resp:	124625
Ion	Ratio	100	Lower	Upper
276	100			
138	16.5	13.9	20.9	
277	25.7	19.8	29.6	

Manual Integrations
APPROVED

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