

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021829.D
 Acq On : 10 May 2016 23:22
 Operator : UM/SJ
 Sample : H2937-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WL1MS

Manual Integrations
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Quant Time: May 11 06:11:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	85273	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	419017	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	245228	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	491010	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	489230	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	479021	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	5143m	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	109469	17.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54881m	17.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	102040	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	90356	17.00	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	48286	17.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	49134	28.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	97920	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	81185m	15.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	317064	18.41	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	429892	17.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	52041m	17.63	ng/ul	0.00
58) Fluorene-d10	15.79	176	292619	16.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	30551	22.46	ng/ul	0.00
71) Anthracene-d10	17.64	188	401513	16.80	ng/ul	0.00
77) Pyrene-d10	19.92	212	423891	18.51	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	391166	17.19	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.36	94	115469	17.16	ng/ul#	71
10) 2-Chlorophenol	7.75	128	100997	20.40	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.99	70	68495	17.31	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.26	107	101290m	19.99	ng/ul	
45) Dimethylphthalate	14.25	163	61926	3.53	ng/ul	98
50) Acenaphthene	14.87	153	318022	18.27	ng/ul	98
53) 4-Nitrophenol	15.00	109	22210	16.51	ng/ul#	29
55) 2,4-Dinitrotoluene	15.16	165	87758	18.31	ng/ul#	58
69) Pentachlorophenol	17.19	266	56373	24.91	ng/ul	96
70) Phenanthrene	17.59	178	62969	2.35	ng/ul	100
75) Fluoranthene	19.59	202	111703	3.66	ng/ul#	94
78) Pyrene	19.94	202	642631m	22.70	ng/ul	
81) Benzo(a)anthracene	21.81	228	50750	1.86	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.70	149	19614	1.92	ng/ul#	96
83) Chrysene	21.88	228	51456	1.91	ng/ul	94
86) Benzo(b)fluoranthene	24.10	252	79845	2.91	ng/ul#	97
89) Benzo(a)pyrene	25.00	252	56142	2.06	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	28.98	276	40285	1.25	ng/ul#	91
92) Benzo(g,h,i)perylene	30.17	276	39770	1.49	ng/ul#	91

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

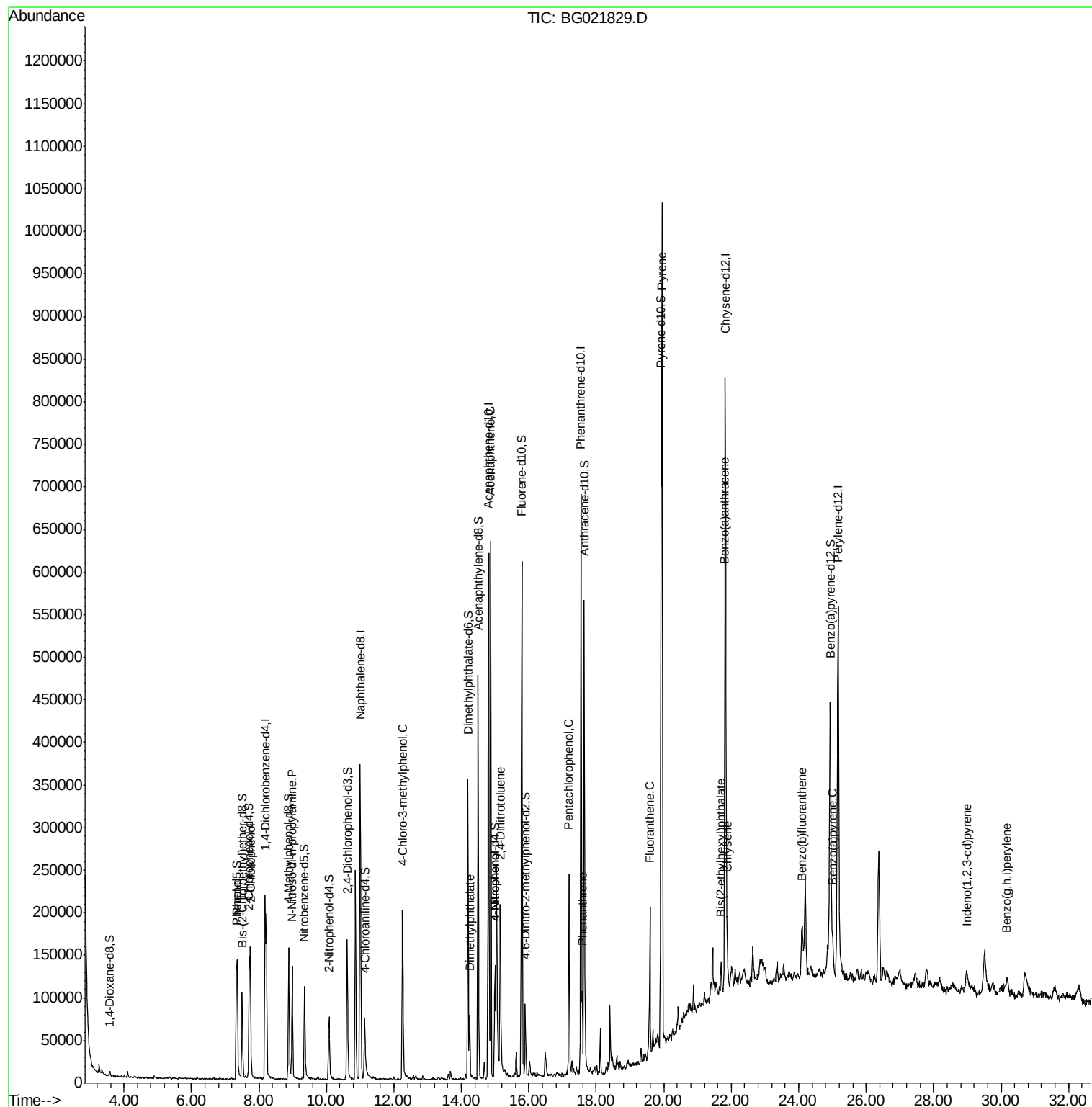
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
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Acq On : 10 May 2016 23:22
Operator : UM/SJ
Sample : H2937-02MS
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ALS Vial : 30 Sample Multiplier: 1

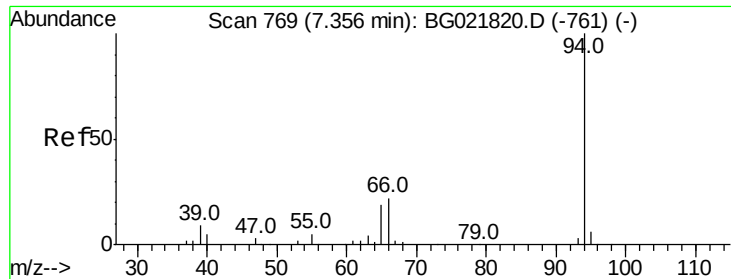
Instrument :
BNA_G
ClientSampled :
D9WL1MS

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Quant Time: May 11 06:11:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration





#6

Phenol

Concen: 17.16 ng/ul

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Instrument :

BNA_G

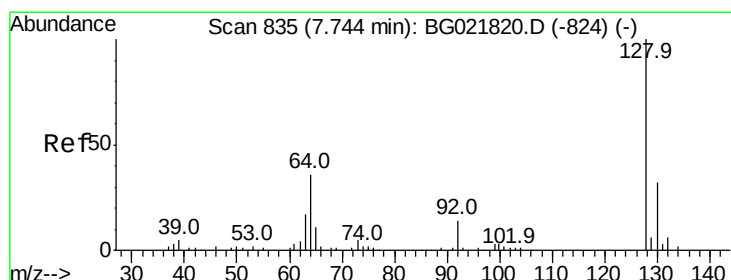
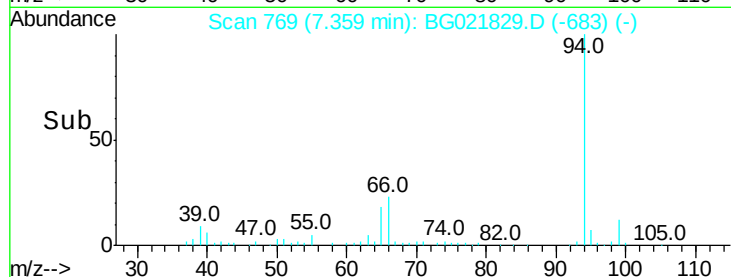
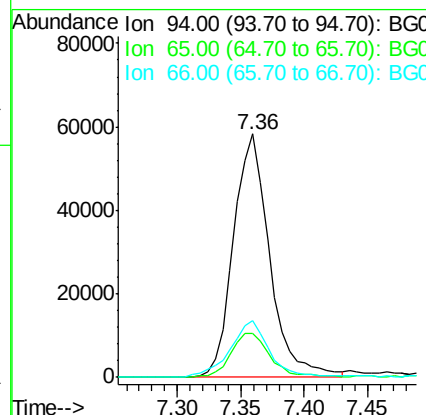
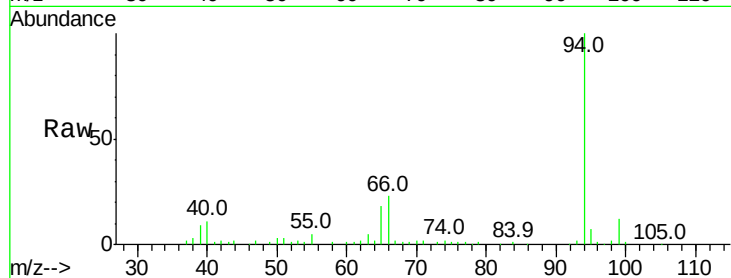
ClientSampleId :

D9WL1MS

Tot Ion:	94	Resp:	115469
Ion Ratio	Lower	Upper	
94	100		
65	18.1	26.1	39.1#
66	23.3	35.0	52.4#

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#10

2-Chlorophenol

Concen: 20.40 ng/ul

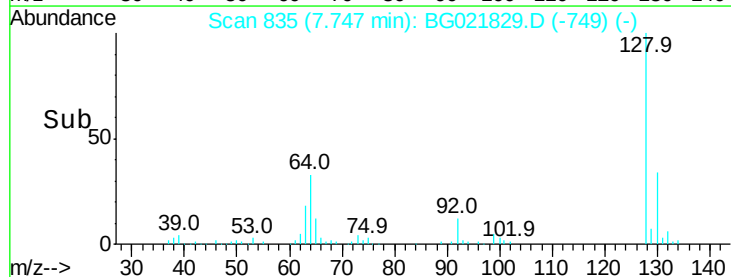
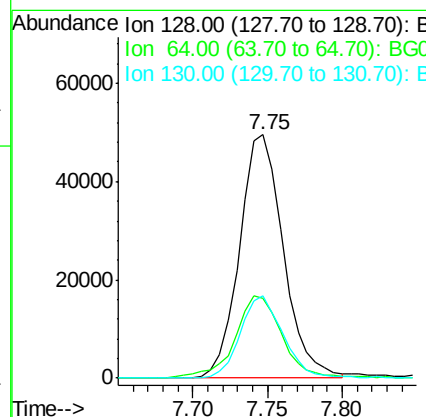
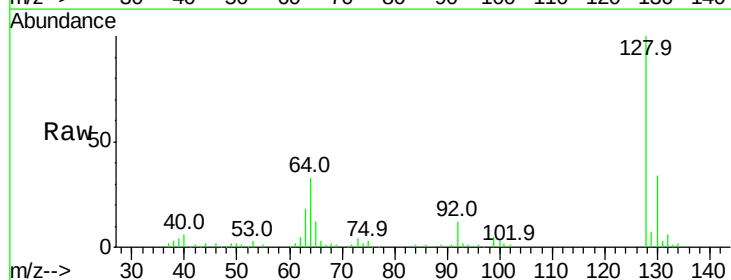
RT: 7.75 min Scan# 835

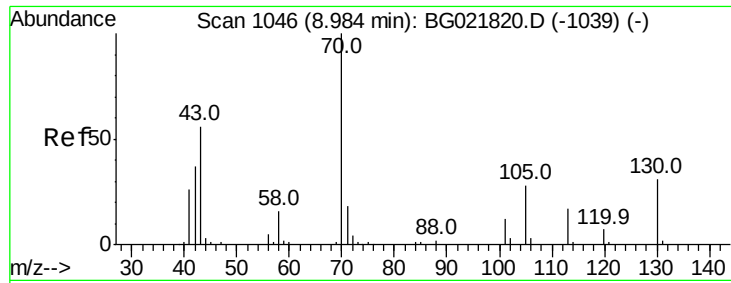
Delta R.T. 0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Tgt Ion:	128	Resp:	100997
Ion Ratio	Lower	Upper	
128	100		
64	32.8	47.0	70.6#
130	33.6	27.8	41.6





#15

N-Nitroso-di-n-propylamine

Concen: 17.31 ng/ul

RT: 8.99 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Instrument :

BNA_G

ClientSampled :

D9WL1MS

Tot Ion: 70 Resp: 68495

Ion Ratio Lower Upper

70 100

42 33.7 43.4 65.0#

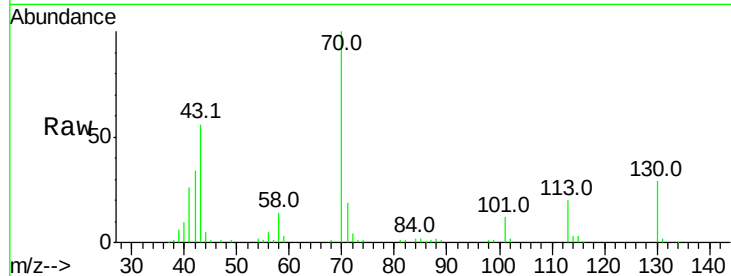
101 12.3 6.5 9.7#

130 29.4 13.8 20.6#

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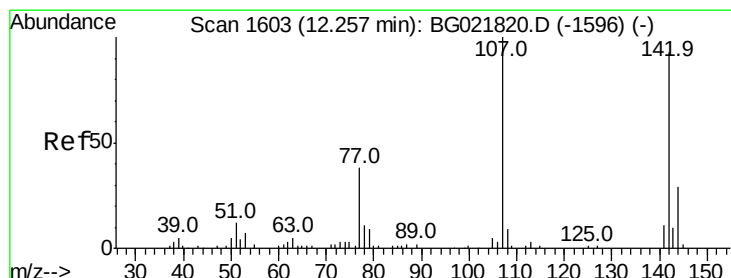
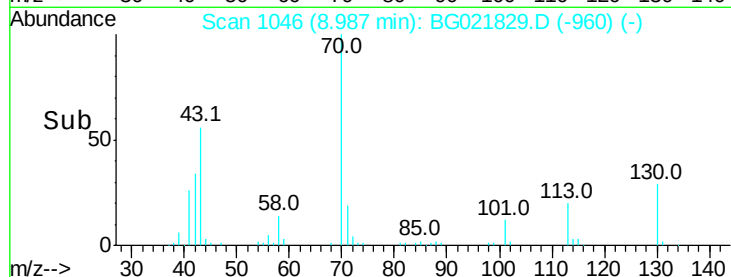
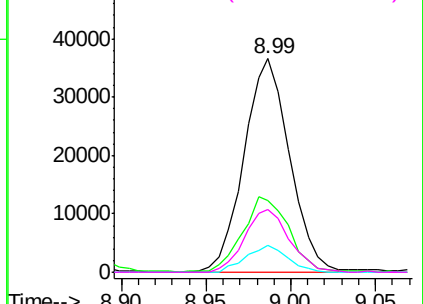


Abundance Ion 70.00 (69.70 to 70.70): BG021820.D (-1039) (-)

Ion 42.00 (41.70 to 42.70): BG021820.D (-1039) (-)

Ion 101.00 (100.70 to 101.70): BG021820.D (-1039) (-)

Ion 130.00 (129.70 to 130.70): BG021820.D (-1039) (-)



#33

4-Chloro-3-methylphenol

Concen: 19.99 ng/ul m

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

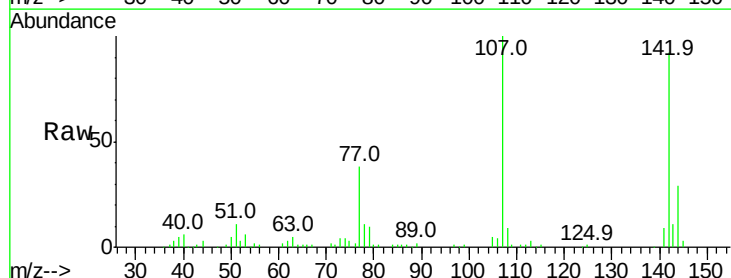
Tgt Ion:107 Resp: 101290

Ion Ratio Lower Upper

107 100

144 29.3 17.2 25.8#

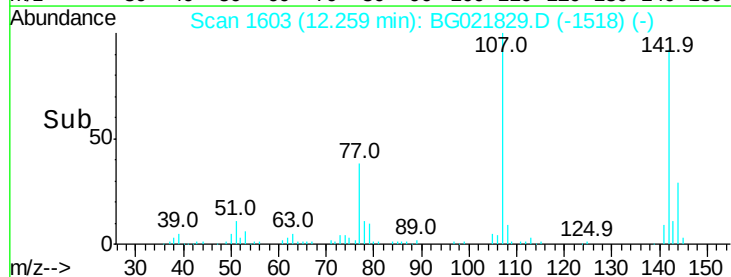
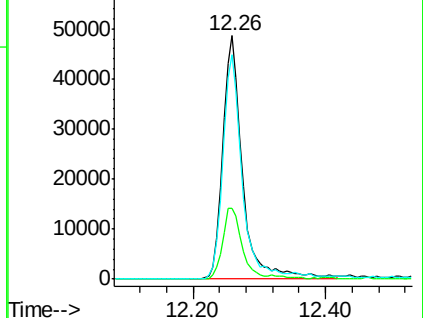
142 92.1 52.0 78.0#

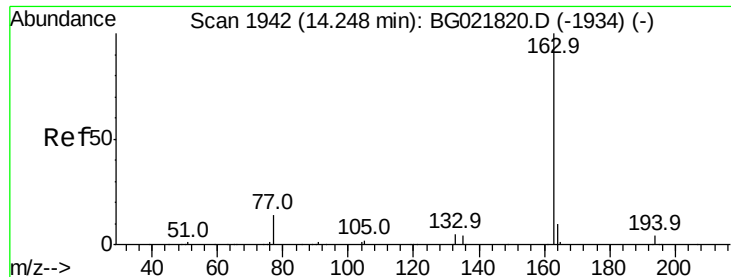


Abundance Ion 107.00 (106.70 to 107.70): BG021820.D (-1596) (-)

Ion 144.00 (143.70 to 144.70): BG021820.D (-1596) (-)

Ion 142.00 (141.70 to 142.70): BG021820.D (-1596) (-)





#45

Dimethylphthalate

Concen: 3.53 ng/ul

RT: 14.25 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Instrument :

BNA_G

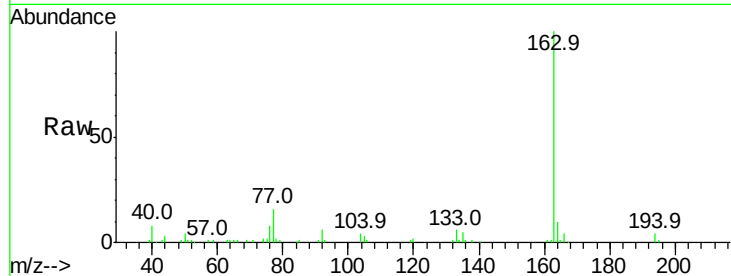
ClientSampleId :

D9WL1MS

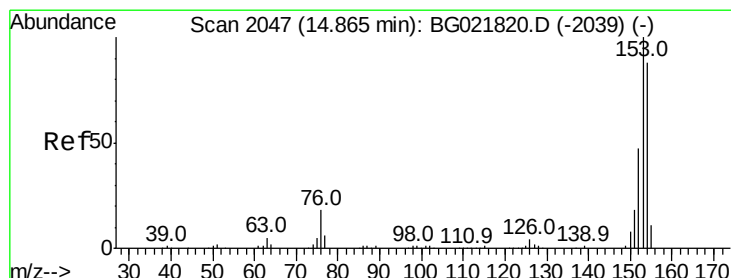
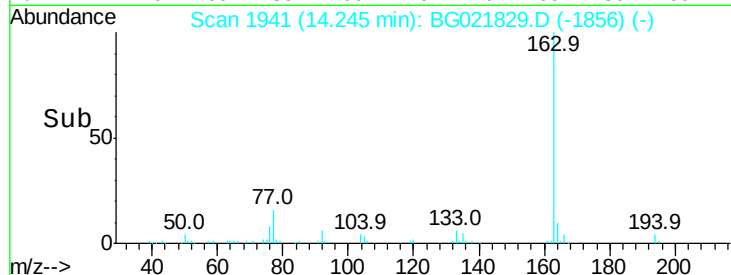
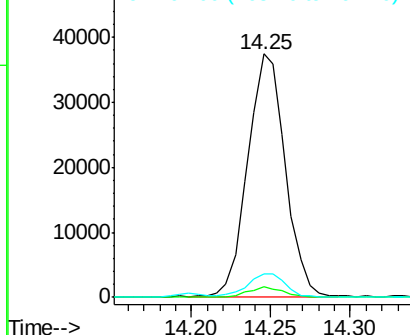
Tot Ion:	163	Resp:	61926
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.9	5.9
164	9.9	8.7	13.1

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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

Acenaphthene

Concen: 18.27 ng/ul

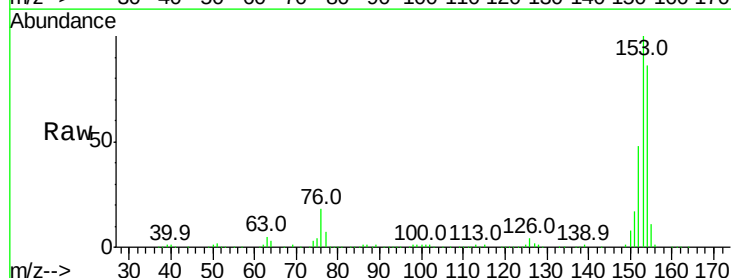
RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

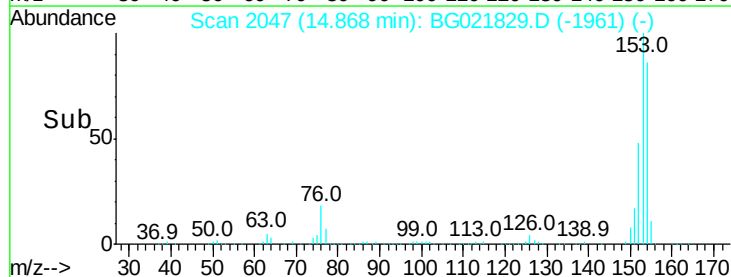
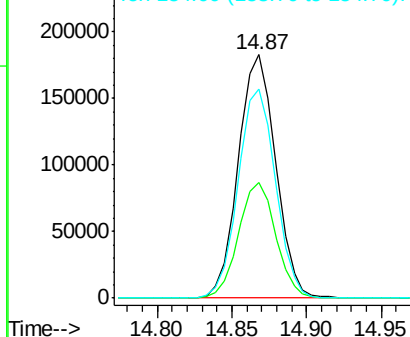
Lab File: BG021829.D

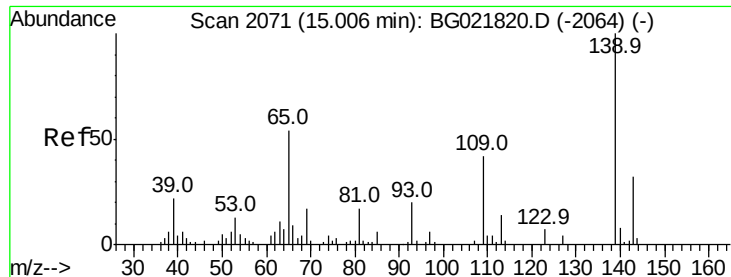
Acq: 10 May 2016 23:22

Tgt Ion:	153	Resp:	318022
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.5	54.7
154	85.7	67.3	100.9



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





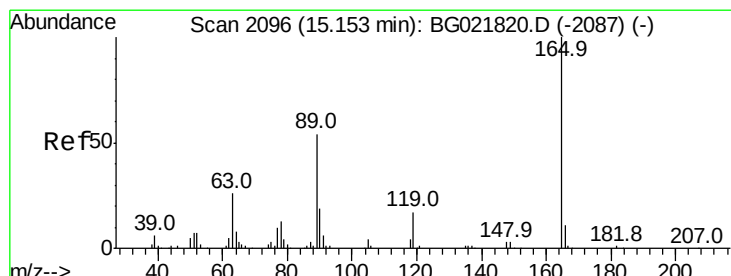
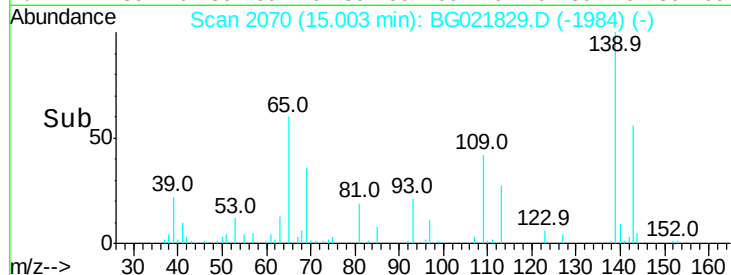
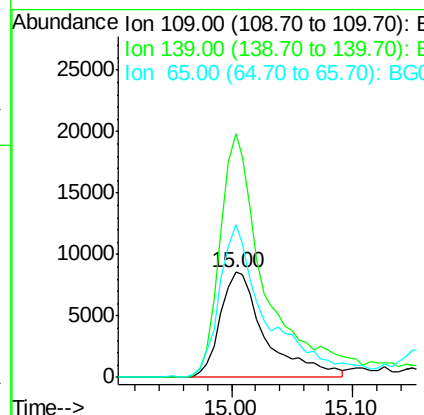
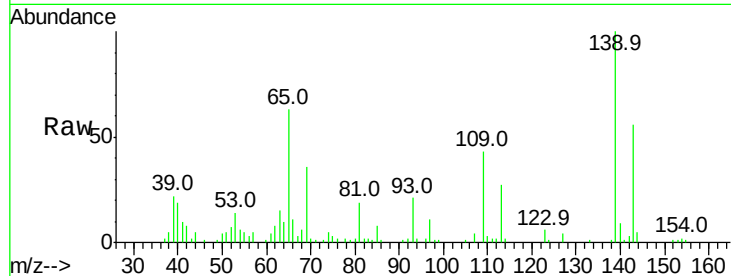
#53
4-Nitrophenol
Concen: 16.51 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Instrument :
BNA_G
ClientSampled :
D9WL1MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	22210		
139	231.4	75.9	113.9#	
65	145.7	99.8	149.8	

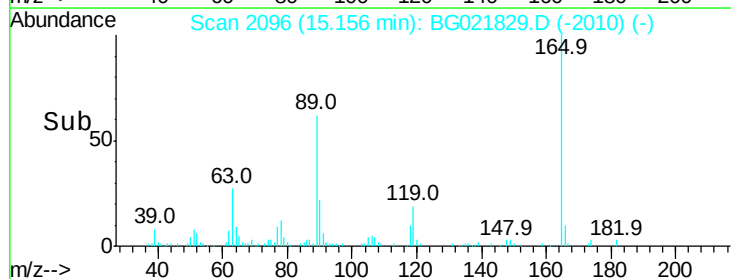
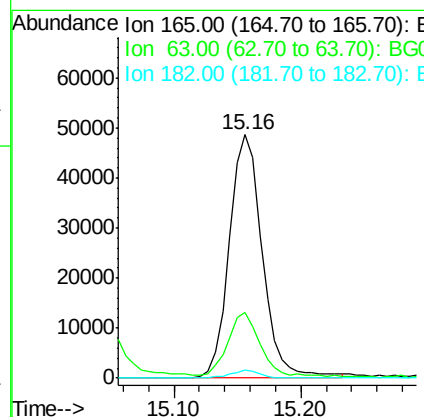
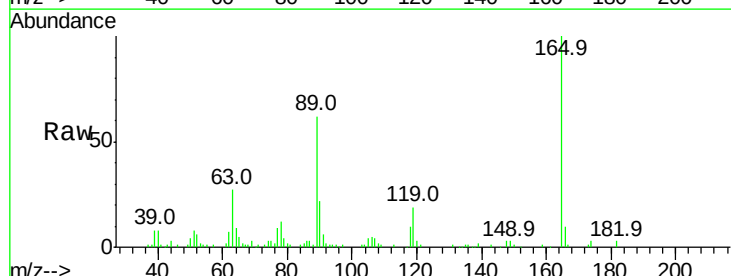
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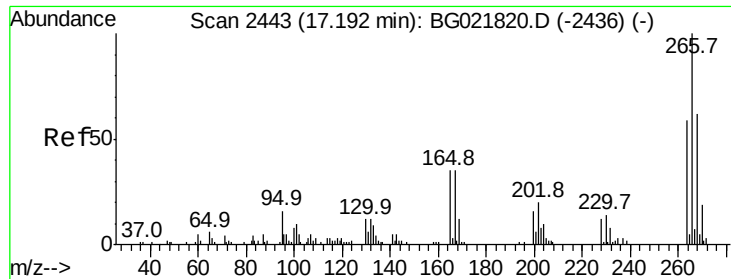
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#55
2,4-Dinitrotoluene
Concen: 18.31 ng/ul
RT: 15.16 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87758		
63	27.1	48.1	72.1#	
182	3.5	2.2	3.2#	





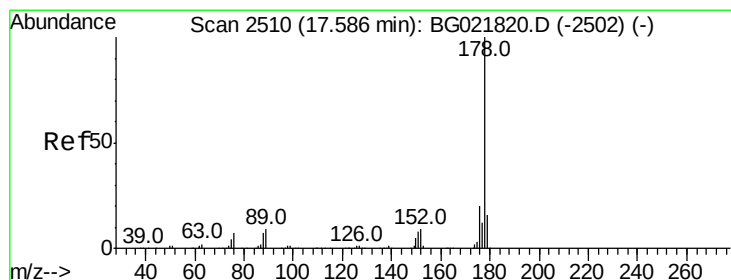
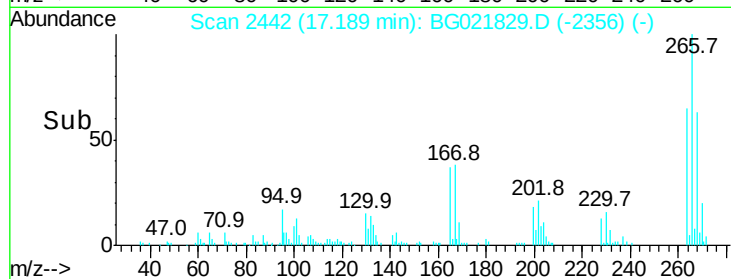
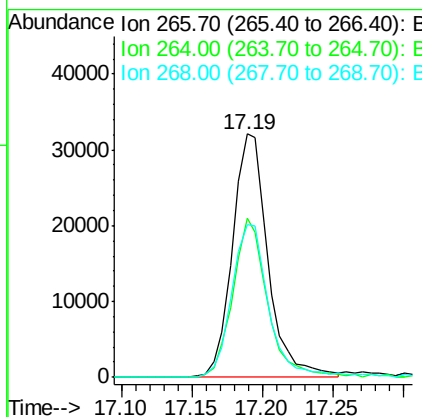
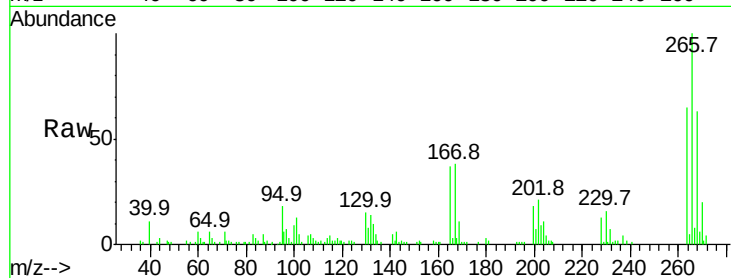
#69
Pentachlorophenol
 Concen: 24.91 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG021829.D
 Acq: 10 May 2016 23:22

Instrument :
 BNA_G
 ClientSampleId :
 D9WL1MS

Tot Ion:	266	Resp:	56373
Ion Ratio	Lower	Upper	
266	100		
264	69.7	56.7	85.1
268	68.9	50.6	76.0

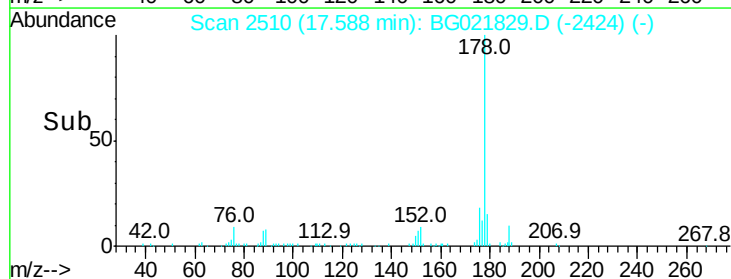
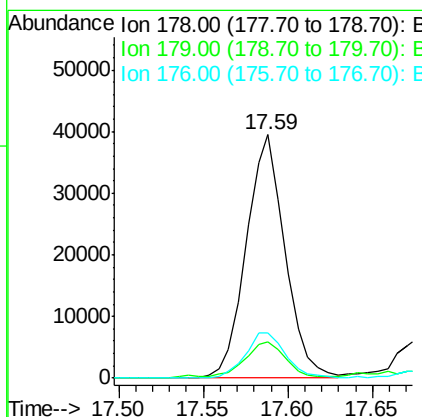
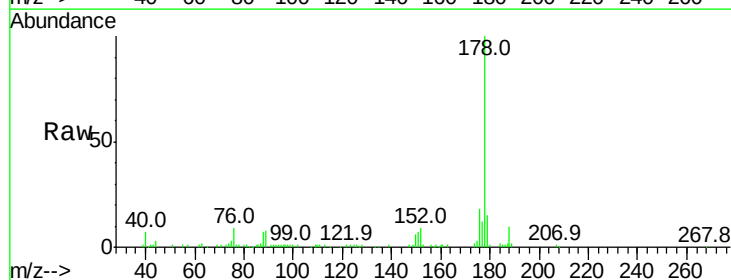
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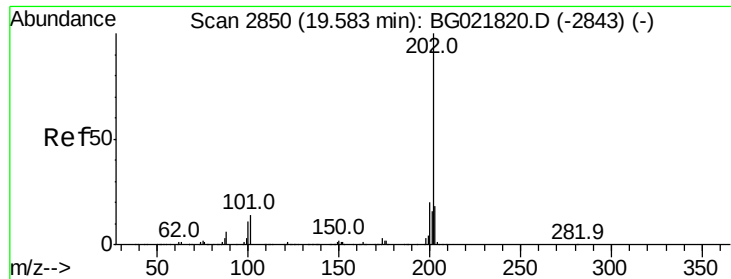
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#70
Phenanthrene
 Concen: 2.35 ng/ul
 RT: 17.59 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG021829.D
 Acq: 10 May 2016 23:22

Tgt Ion:	178	Resp:	62969
Ion Ratio	Lower	Upper	
178	100		
179	14.6	11.8	17.8
176	18.4	14.8	22.2





#75

Fluoranthene

Concen: 3.66 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Instrument :

BNA_G

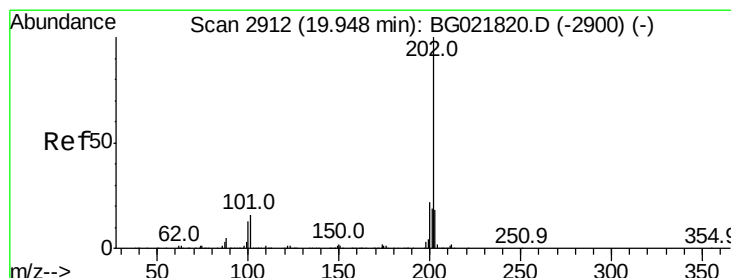
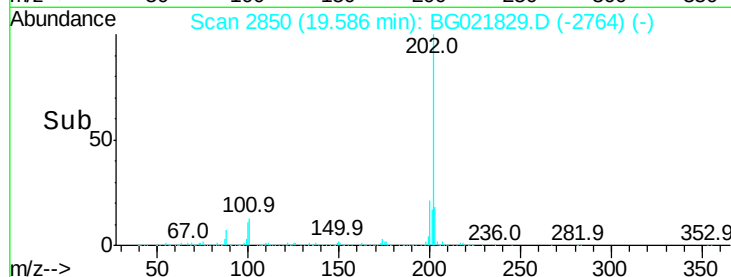
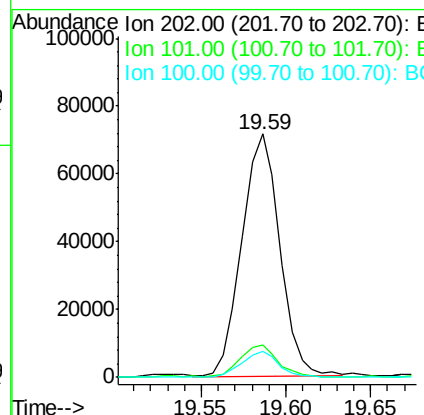
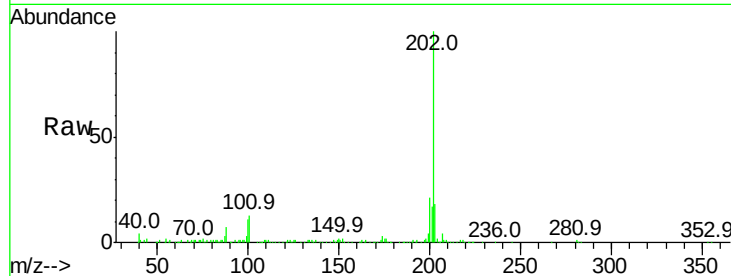
ClientSampleId :

D9WL1MS

Tot Ion:	202	Resp:	111703
Ion Ratio	Lower	Upper	
202	100		
101	13.5	8.9	13.3#
100	10.9	7.0	10.4#

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#78

Pyrene

Concen: 22.70 ng/ul m

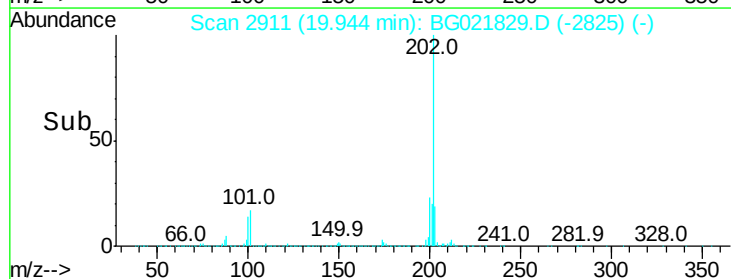
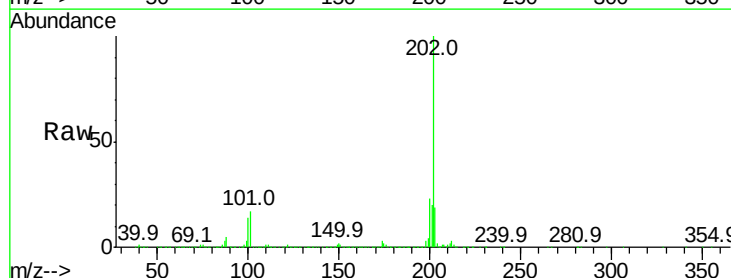
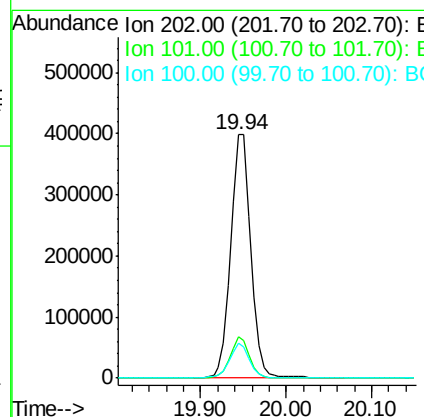
RT: 19.94 min Scan# 2911

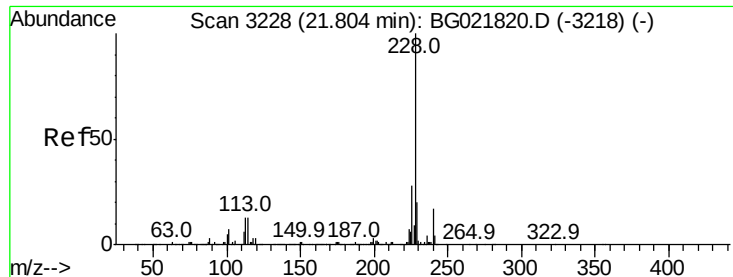
Delta R.T. 0.00 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Tgt Ion:	202	Resp:	642631
Ion Ratio	Lower	Upper	
202	100		
101	17.3	9.8	14.8#
100	14.2	9.3	13.9#





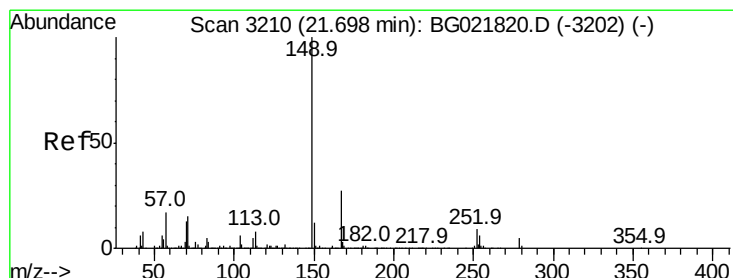
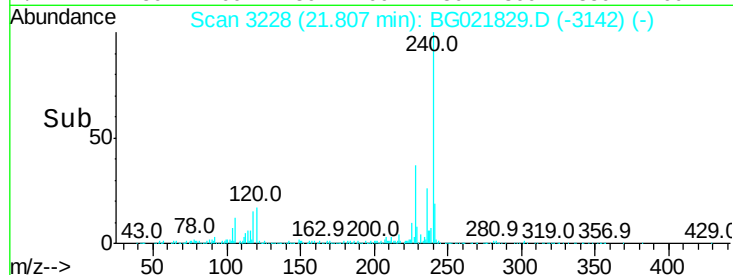
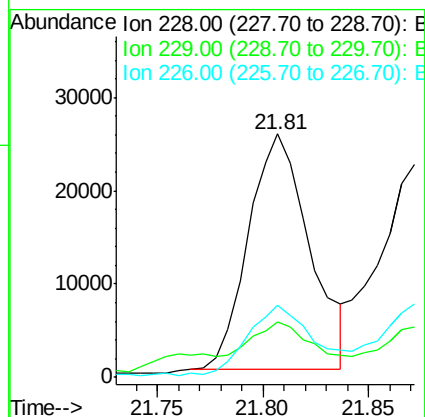
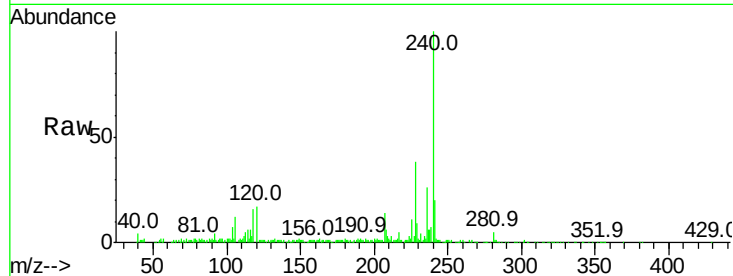
#81
Benzo(a)anthracene
Concen: 1.86 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Instrument :
BNA_G
ClientSampleId :
D9WL1MS

Tot Ion:	228	Resp:	50750
Ion Ratio	Lower	Upper	
228	100		
229	22.9	16.6	25.0
226	29.6	21.0	31.4

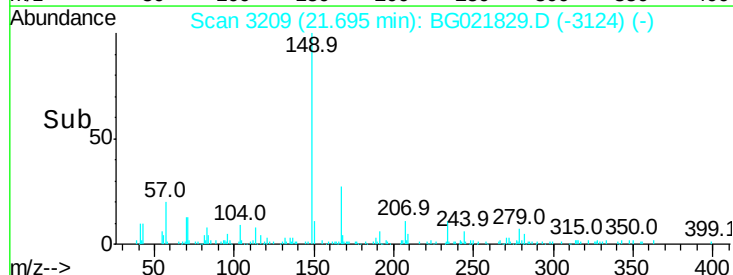
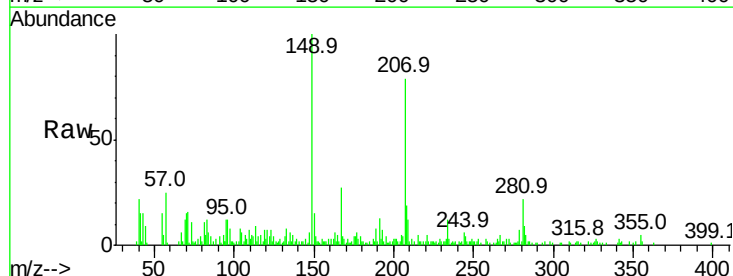
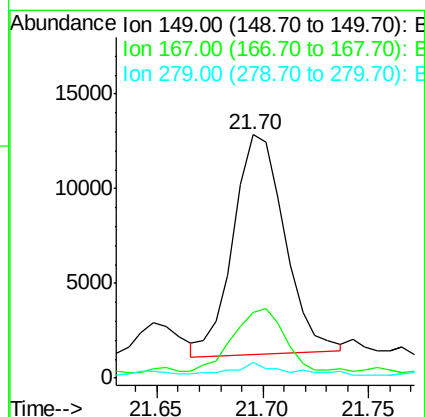
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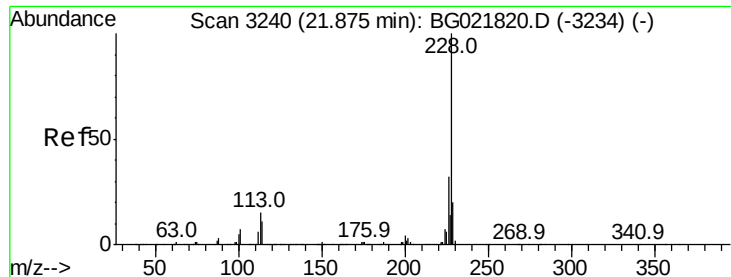
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#82
Bis(2-ethylhexyl)phthalate
Concen: 1.92 ng/ul
RT: 21.70 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Tgt Ion:	149	Resp:	19614
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.5	30.7
279	6.5	3.7	5.5#





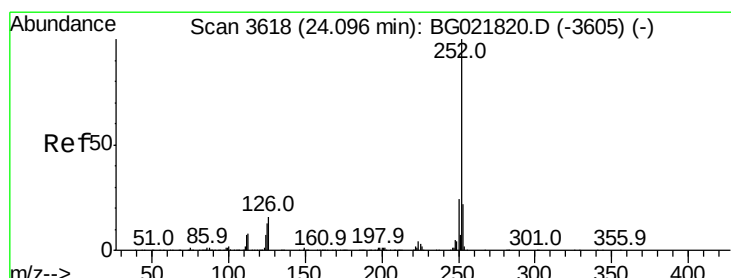
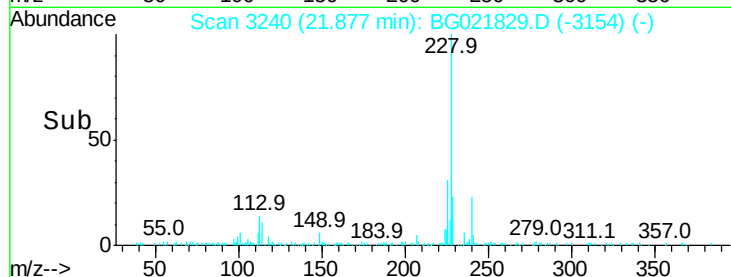
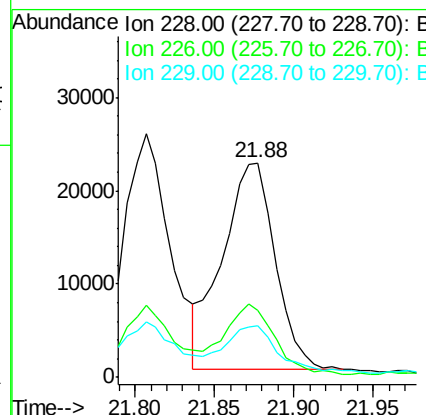
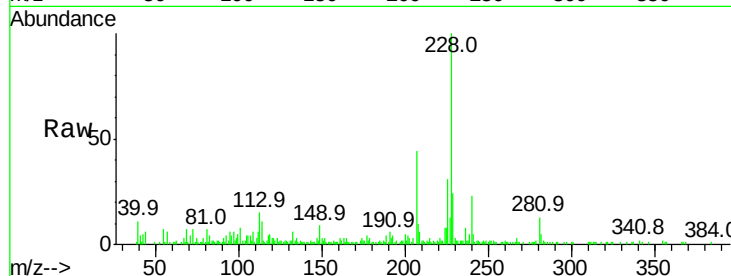
#83
Chrysene
Concen: 1.91 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Instrument :
BNA_G
ClientSampleId :
D9WL1MS

Tot Ion:	228	Resp:	51456
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.2
229	23.8	16.2	24.2

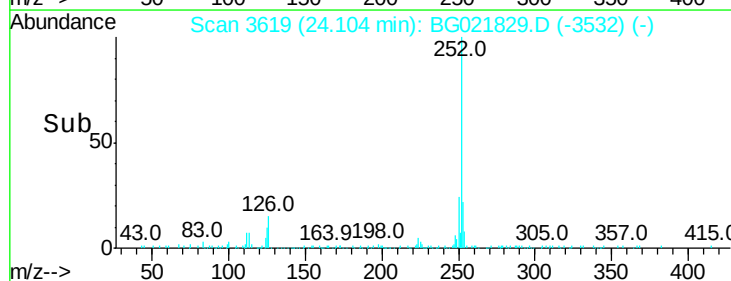
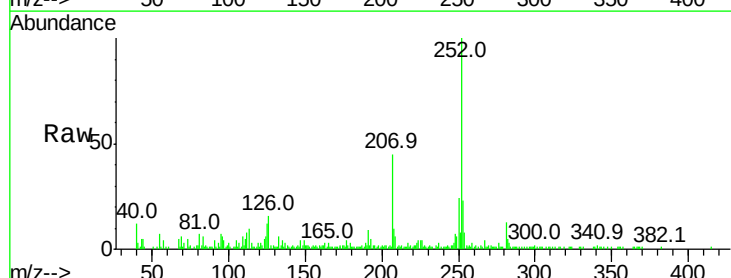
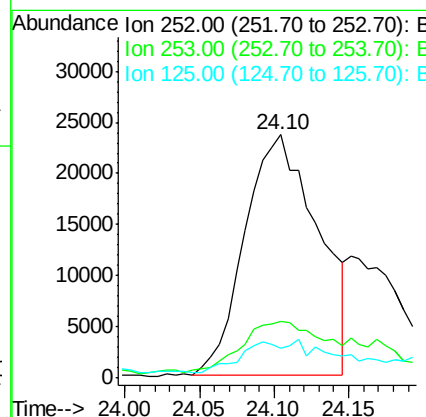
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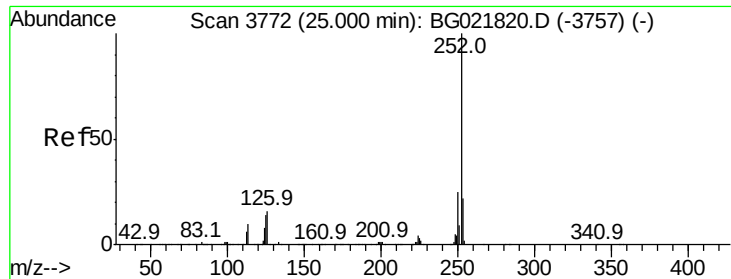
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#86
Benzo(b)fluoranthene
Concen: 2.91 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Tgt Ion:	252	Resp:	79845
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	12.2	7.6	11.4#





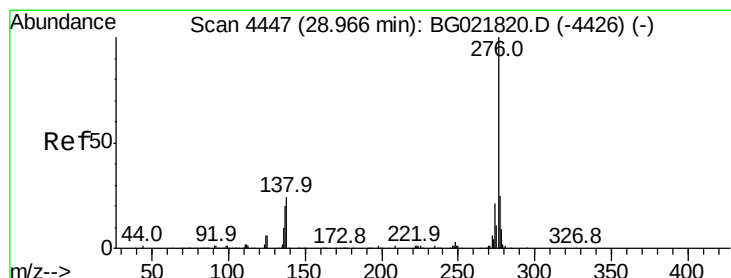
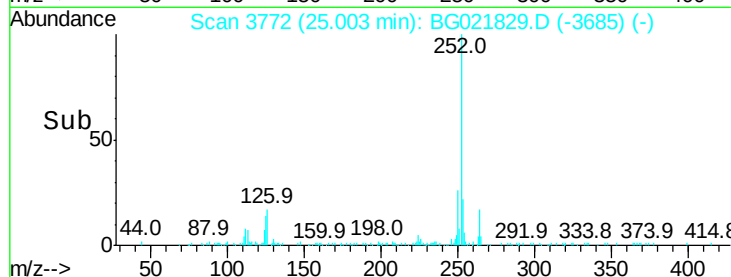
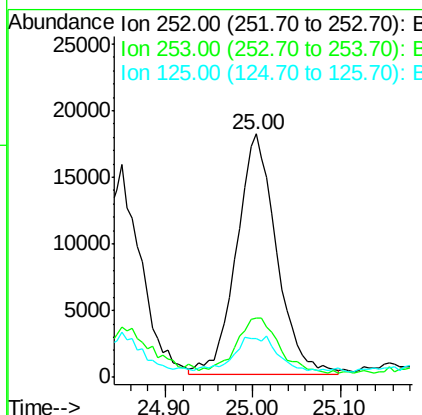
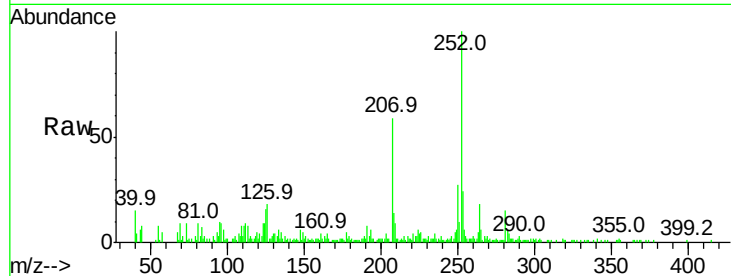
#89
Benzo(a)pyrene
Concen: 2.06 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Instrument :
BNA_G
ClientSampleId :
D9WL1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	16.1	8.2	12.2

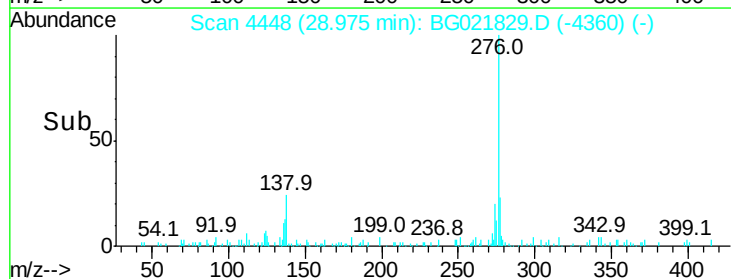
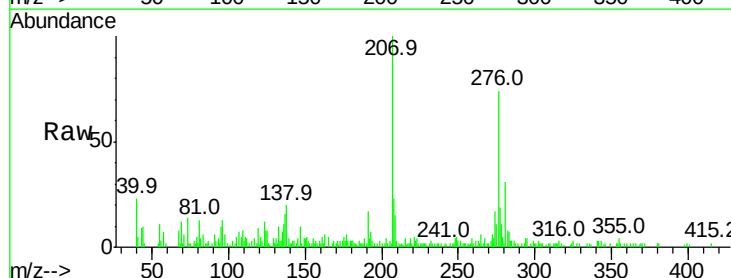
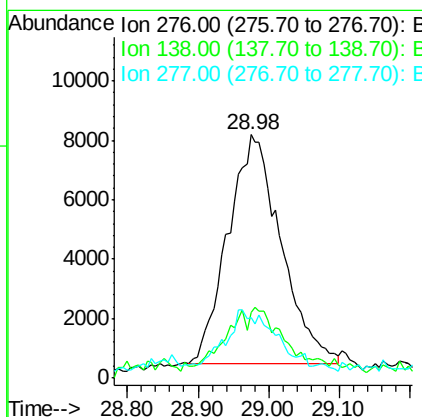
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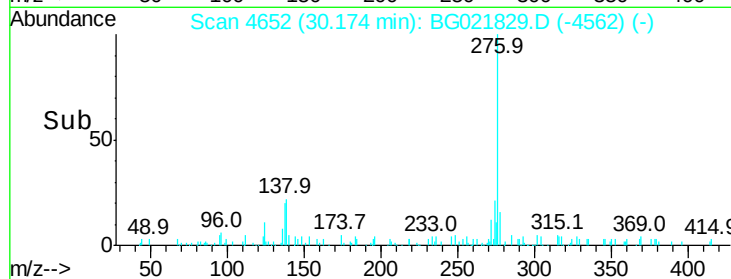
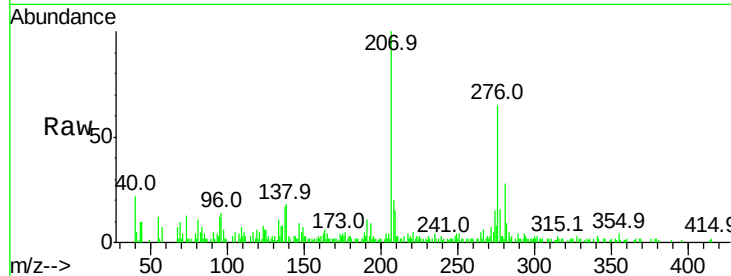
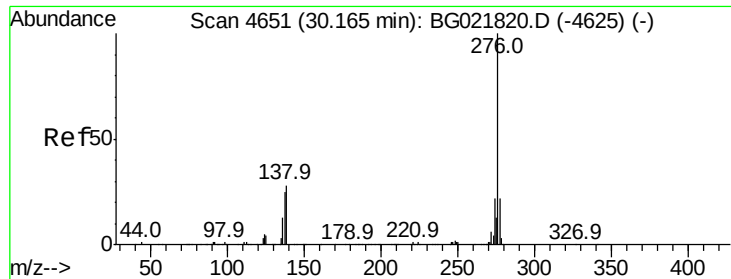
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#90
Indeno(1,2,3-cd)pyrene
Concen: 1.25 ng/ul
RT: 28.98 min Scan# 4448
Delta R.T. 0.01 min
Lab File: BG021829.D
Acq: 10 May 2016 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	15.8	23.6
277	25.1	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 1.49 ng/ul

RT: 30.17 min Scan# 4652

Delta R.T. 0.03 min

Lab File: BG021829.D

Acq: 10 May 2016 23:22

Tot Ion:	276	Resp:	39770
Ion Ratio	Lower	Upper	
276	100		
138	27.2	13.9	20.9#
277	24.7	19.8	29.6

Instrument :

BNA_G

ClientSampleId :

D9WL1MS

Manual Integrations
APPROVED

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