

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021830.D
 Acq On : 11 May 2016 00:02
 Operator : UM/SJ
 Sample : H2937-03MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WL1MSD

Manual Integrations
 APPROVED

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 5/11/2016 8:26:53 PM

Quant Time: May 11 06:43:30 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	8.18	152	79267	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	379979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	214993	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	438887	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	435978	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	422375	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	6180m	3.76	ng/uL	0.00
5) Phenol-d5	7.33	99	120652	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	59800	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	108926	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	98336	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	54105	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	51227	32.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	108304m	24.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	74954m	15.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	328945	21.78	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	451286	21.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	54915m	21.22	ng/ul	0.00
58) Fluorene-d10	15.79	176	305812	19.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	31437	25.86	ng/ul	0.00
71) Anthracene-d10	17.64	188	428351	20.05	ng/ul	0.00
77) Pyrene-d10	19.92	212	451329	22.12	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	416954	20.78	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.36	94	121662	19.45	ng/ul#	73
10) 2-Chlorophenol	7.74	128	108734	23.62	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.98	70	69169	18.81	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.26	107	102631m	22.33	ng/ul	
45) Dimethylphthalate	14.25	163	64106	4.17	ng/ul#	97
50) Acenaphthene	14.86	153	313334	20.53	ng/ul	96
53) 4-Nitrophenol	15.01	109	28728m	24.35	ng/ul	
55) 2,4-Dinitrotoluene	15.16	165	88460	21.05	ng/ul#	57
69) Pentachlorophenol	17.19	266	60905	30.11	ng/ul	96
70) Phenanthrene	17.59	178	92278	3.85	ng/ul	99
75) Fluoranthene	19.59	202	164874	6.05	ng/ul#	94
78) Pyrene	19.95	202	704717m	27.94	ng/ul	
81) Benzo(a)anthracene	21.81	228	78132m	3.22	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.70	149	33779	3.71	ng/ul	99
83) Chrysene	21.87	228	73222	3.05	ng/ul	98
86) Benzo(b)fluoranthene	24.10	252	100564	4.16	ng/ul#	91
89) Benzo(a)pyrene	25.01	252	73849	3.07	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.98	276	52909	1.85	ng/ul#	86
92) Benzo(g,h,i)perylene	30.18	276	45271	1.92	ng/ul#	90

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

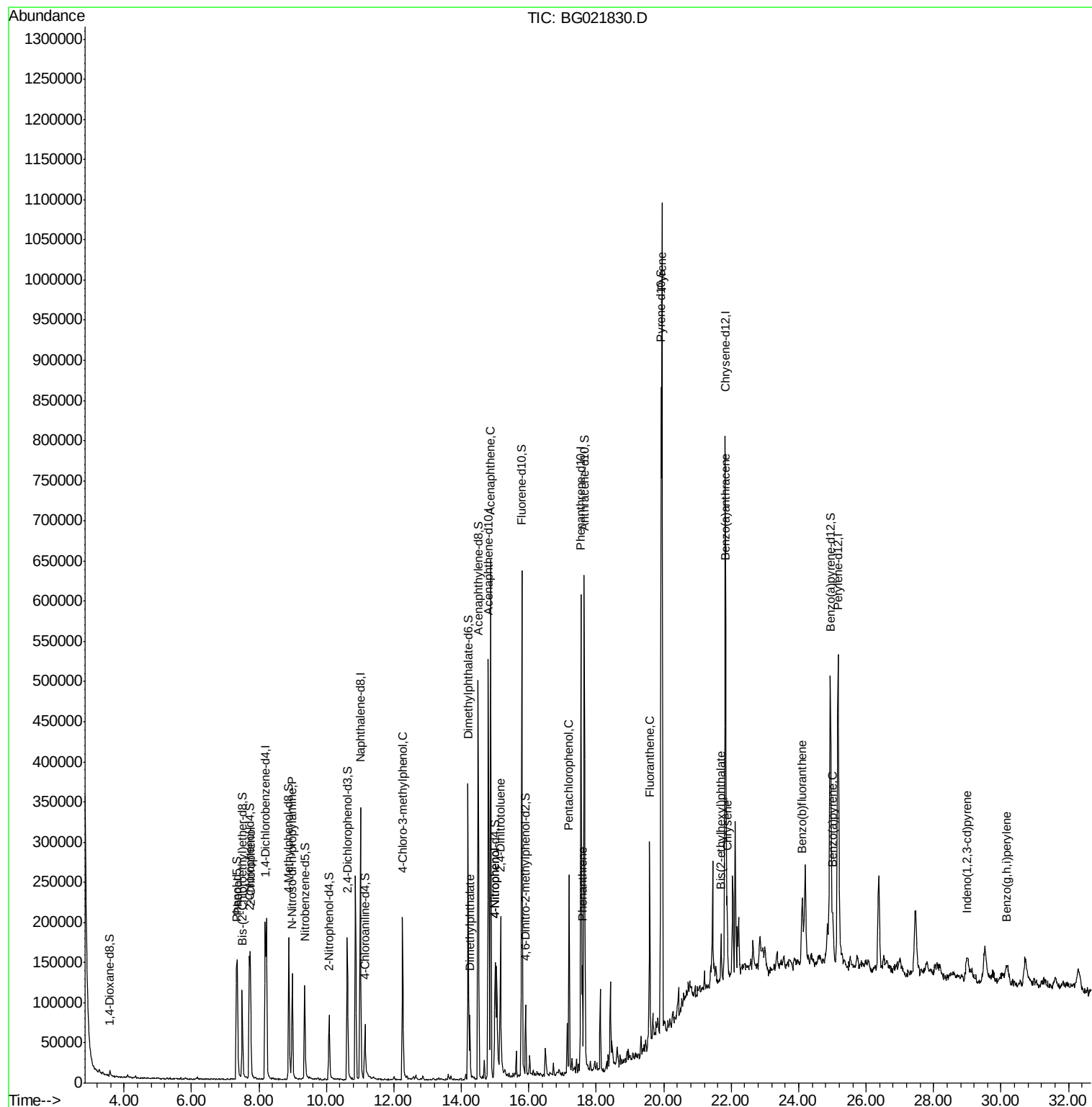
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021830.D
Acq On : 11 May 2016 00:02
Operator : UM/SJ
Sample : H2937-03MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

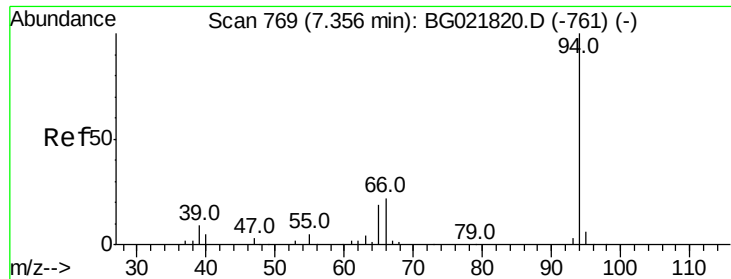
Instrument :
BNA_G
ClientSampleId :
D9WL1MSD

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Quant Time: May 11 06:43:30 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: 19.45 ng/ul

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Instrument :

BNA_G

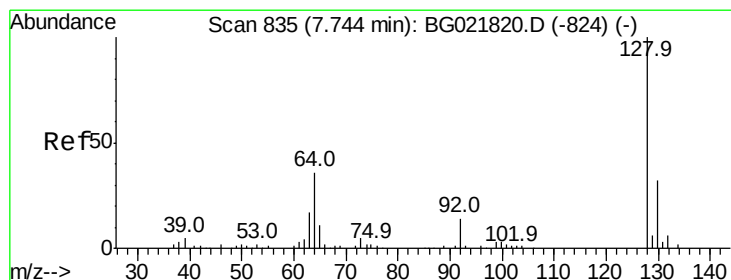
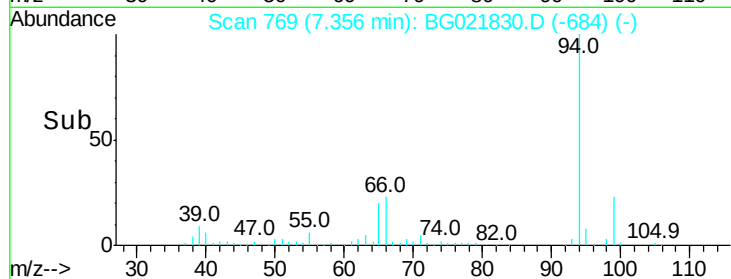
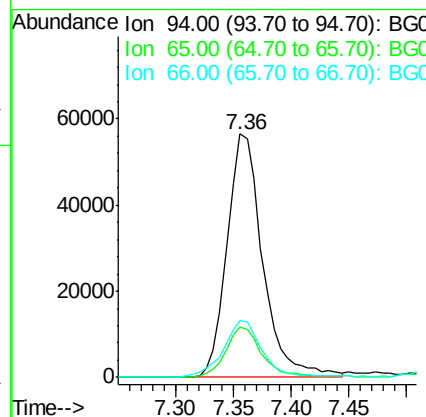
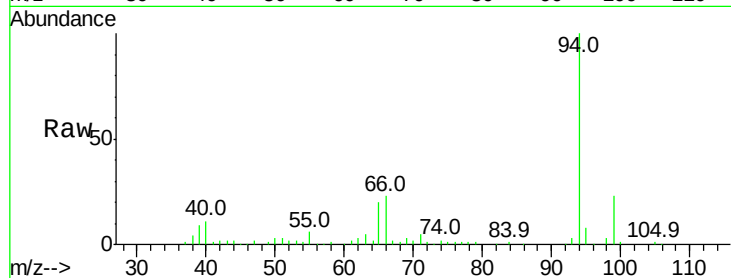
ClientSampleId :

D9WL1MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	20.5	26.1	39.1#
66	23.5	35.0	52.4#

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#10

2-Chlorophenol

Concen: 23.62 ng/ul

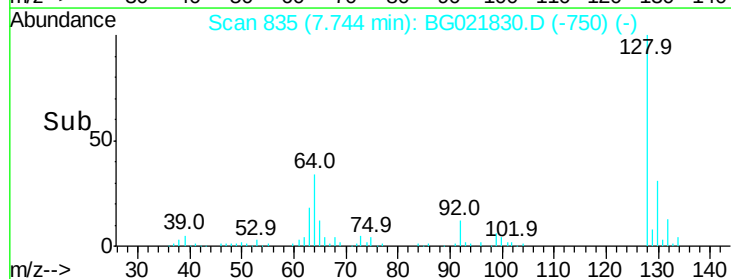
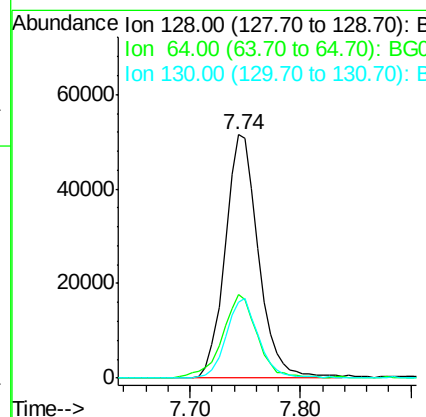
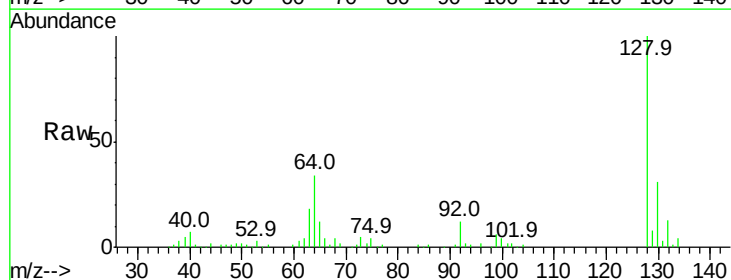
RT: 7.74 min Scan# 835

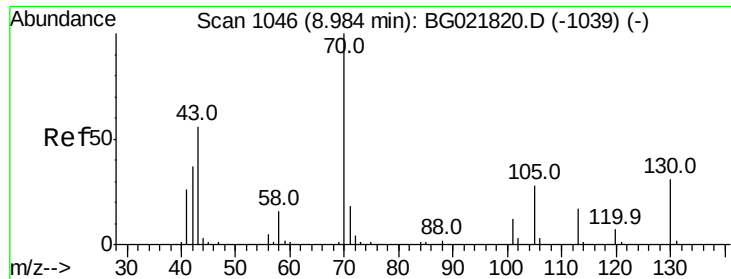
Delta R.T. -0.00 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Tgt Ion	Ratio	Lower	Upper
128	100		
64	34.3	47.0	70.6#
130	31.3	27.8	41.6





#15

N-Nitroso-di-n-propylamine

Concen: 18.81 ng/ul

RT: 8.98 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Instrument :

BNA_G

ClientSampleId :

D9WL1MSD

Tot Ion: 70 Resp: 69169

Ion Ratio Lower Upper

70 100

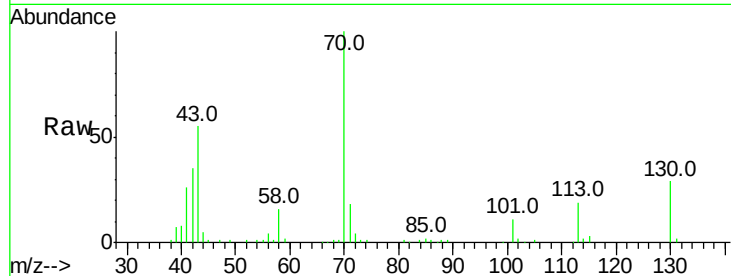
42 34.8 43.4 65.0#

101 11.5 6.5 9.7#

130 28.8 13.8 20.6#

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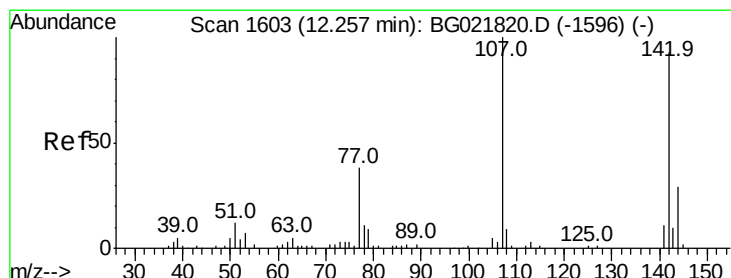
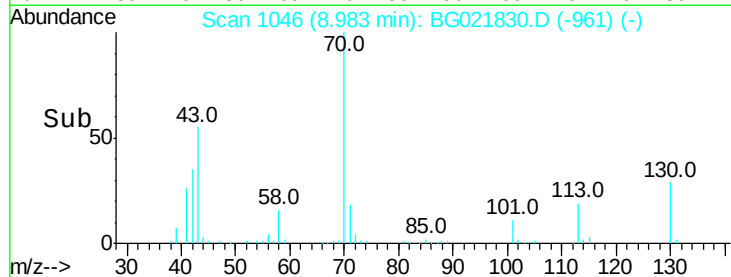
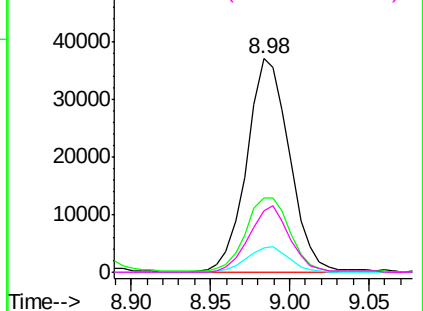


Abundance Ion 70.00 (69.70 to 70.70): BG021820.D (-1039) (-)

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: 22.33 ng/ul m

RT: 12.26 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

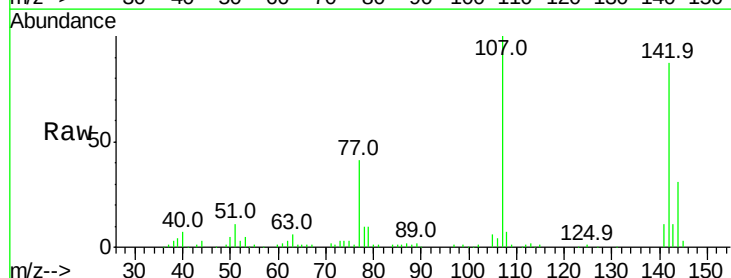
Tgt Ion: 107 Resp: 102631

Ion Ratio Lower Upper

107 100

144 30.8 17.2 25.8#

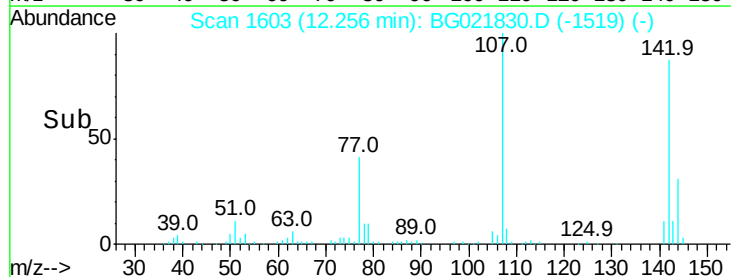
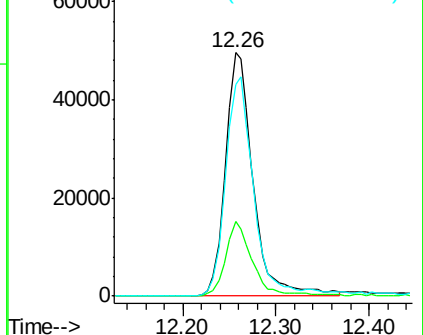
142 87.0 52.0 78.0#

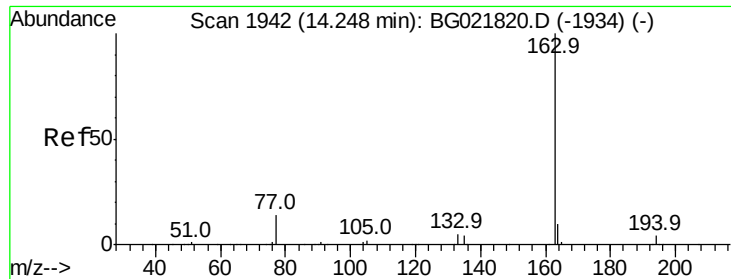


Abundance Ion 107.00 (106.70 to 107.70): BG021820.D (-1596) (-)

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: 4.17 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Instrument :

BNA_G

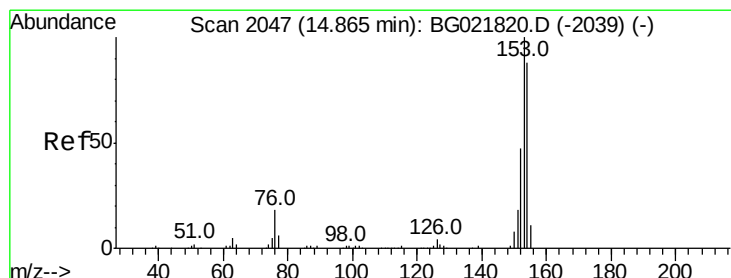
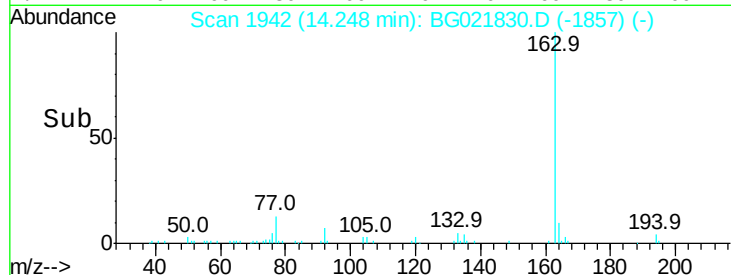
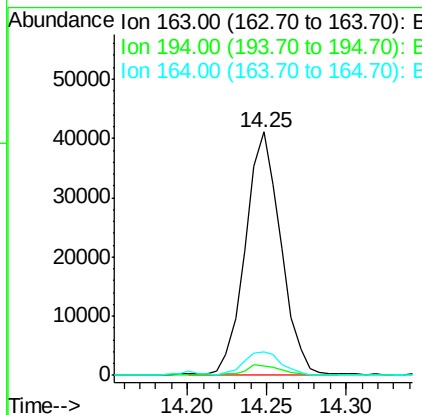
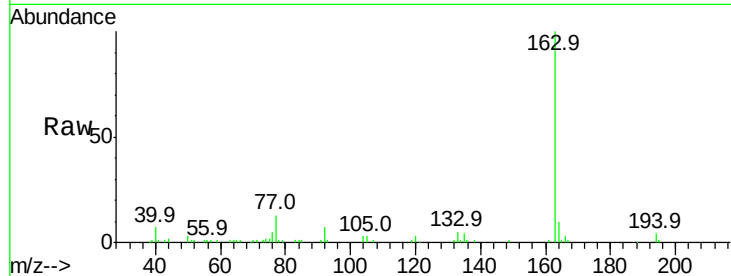
ClientSampled :

D9WL1MSD

Tot Ion:	163	Resp:	64106
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.9	5.9#
164	9.7	8.7	13.1

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#50

Acenaphthene

Concen: 20.53 ng/ul

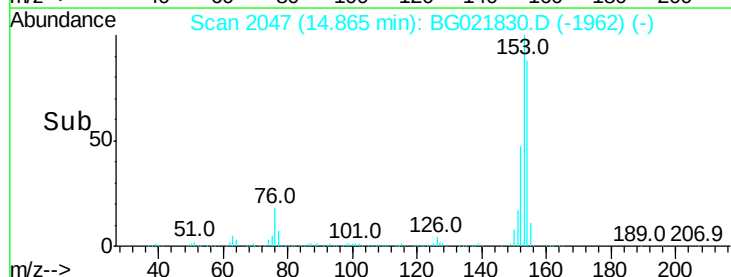
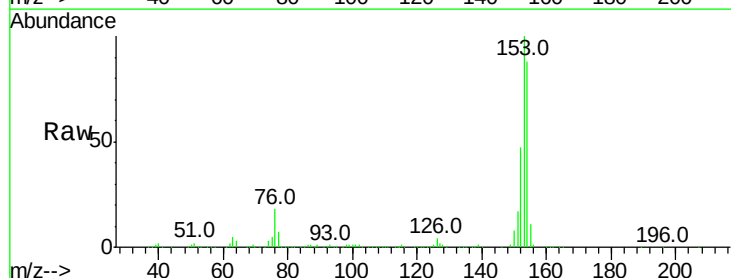
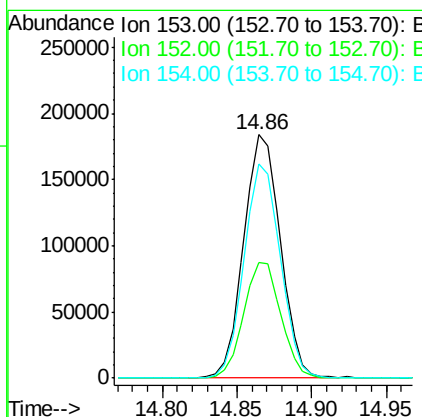
RT: 14.86 min Scan# 2047

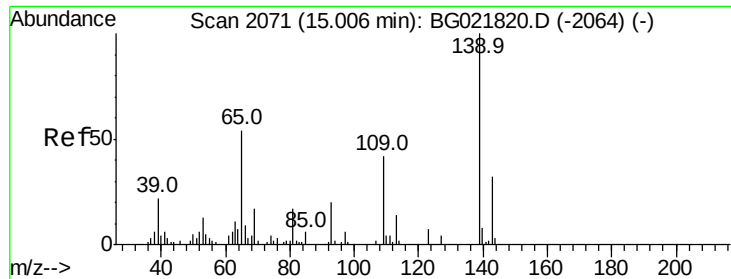
Delta R.T. -0.00 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Tgt Ion:	153	Resp:	313334
Ion Ratio	Lower	Upper	
153	100		
152	47.4	36.5	54.7
154	88.0	67.3	100.9





#53

4-Nitrophenol

Concen: 24.35 ng/ul m

RT: 15.01 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Instrument :

BNA_G

ClientSampleId :

D9WL1MSD

Tot Ion:109 Resp: 28728

Ion Ratio Lower Upper

109 100

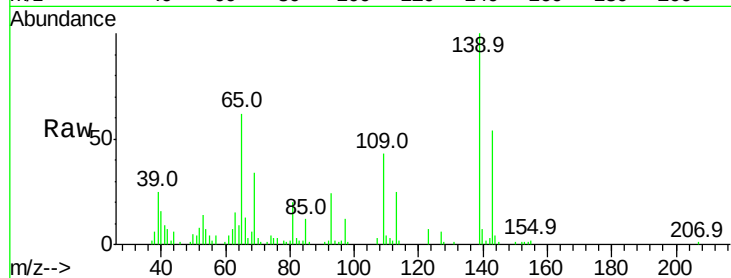
139 234.8 75.9 113.9#

65 146.3 99.8 149.8

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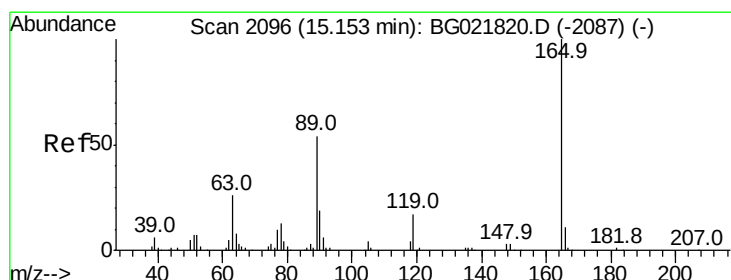
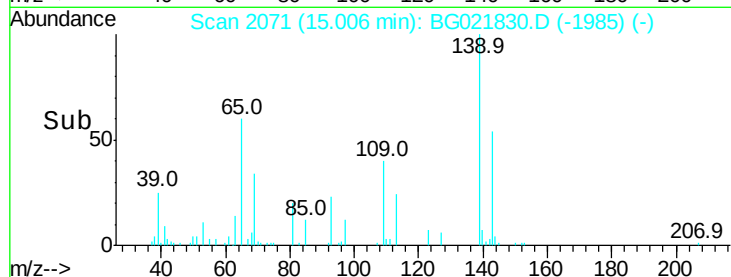
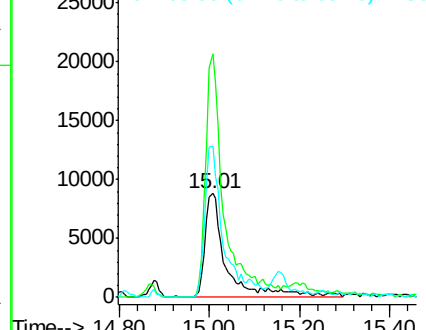
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Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#55

2,4-Dinitrotoluene

Concen: 21.05 ng/ul

RT: 15.16 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

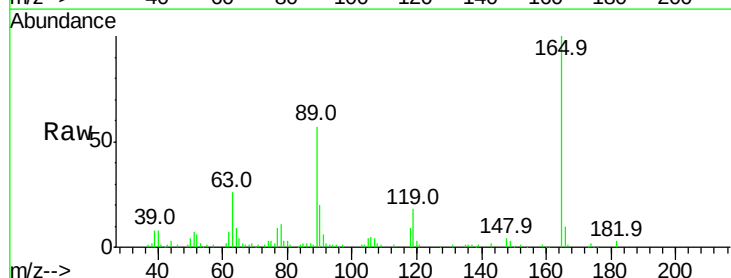
Tgt Ion:165 Resp: 88460

Ion Ratio Lower Upper

165 100

63 26.1 48.1 72.1#

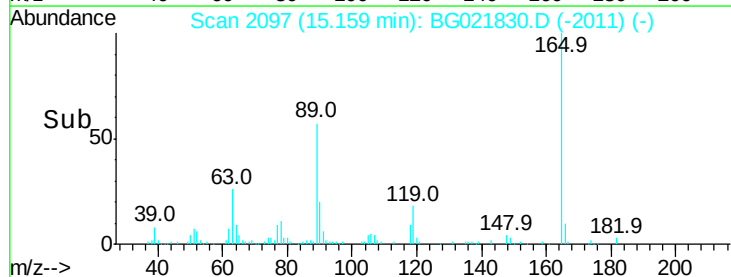
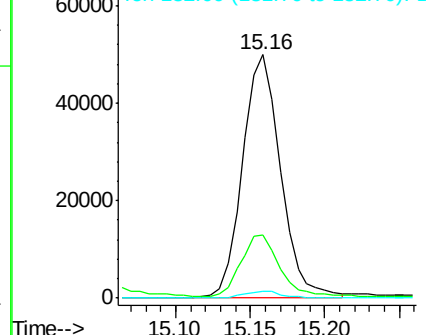
182 2.9 2.2 3.2

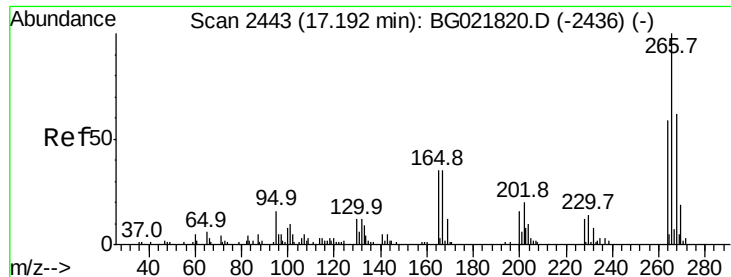


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





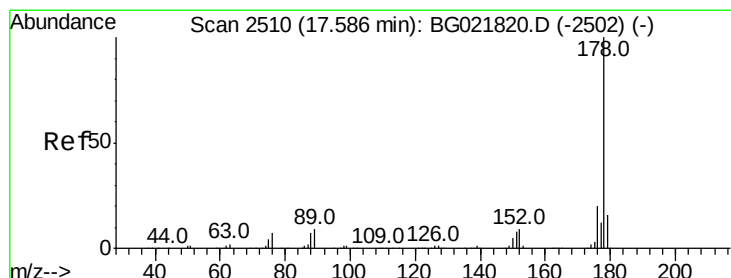
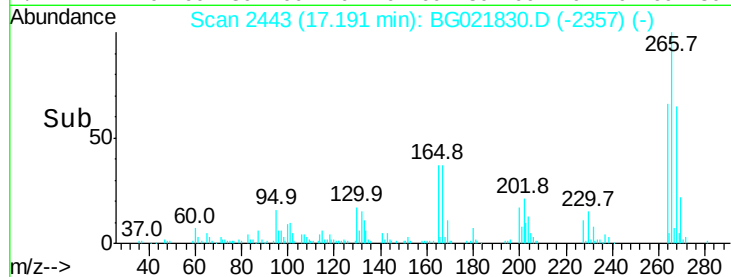
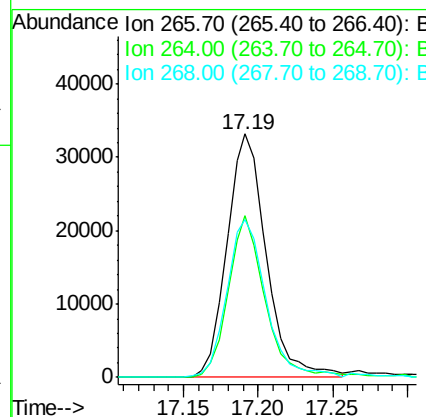
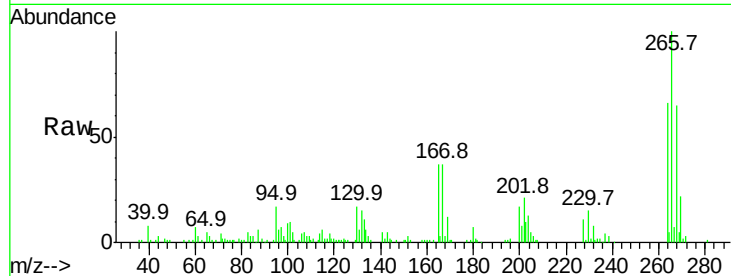
#69
 Pentachlorophenol
 Concen: 30.11 ng/ul
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG021830.D
 Acq: 11 May 2016 00:02

Instrument :
 BNA_G
 ClientSampleId :
 D9WL1MSD

Tot Ion:	266	Resp:	60905
Ion Ratio	Lower	Upper	
266	100		
264	71.2	56.7	85.1
268	69.7	50.6	76.0

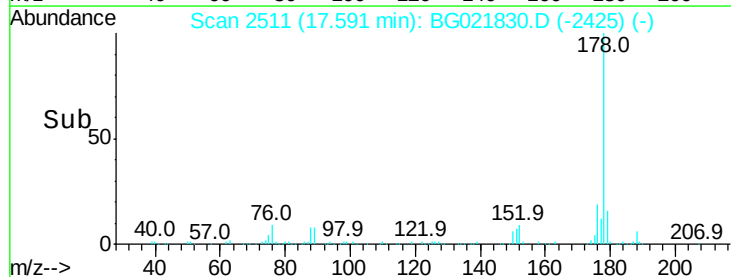
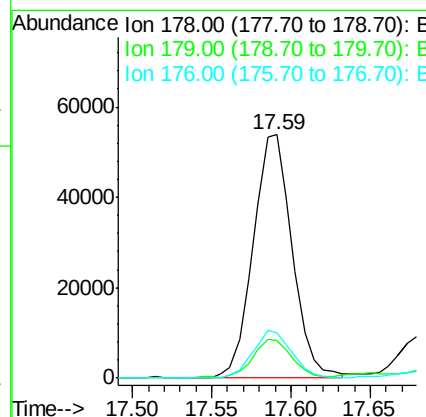
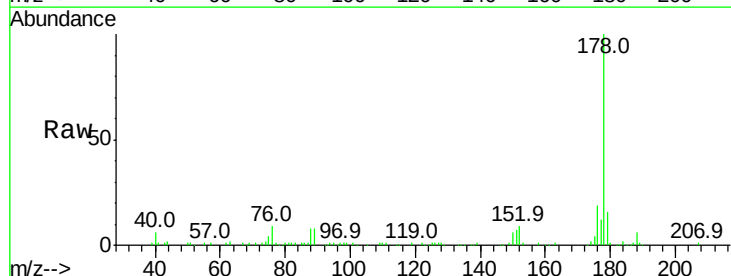
Manual Integrations
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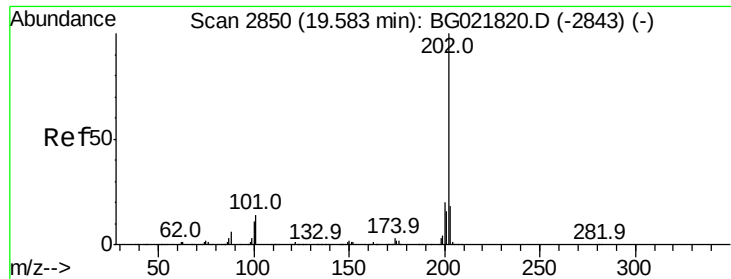
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#70
 Phenanthrene
 Concen: 3.85 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BG021830.D
 Acq: 11 May 2016 00:02

Tgt Ion:	178	Resp:	92278
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.8	17.8
176	18.8	14.8	22.2





#75

Fluoranthene

Concen: 6.05 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

Instrument :

BNA_G

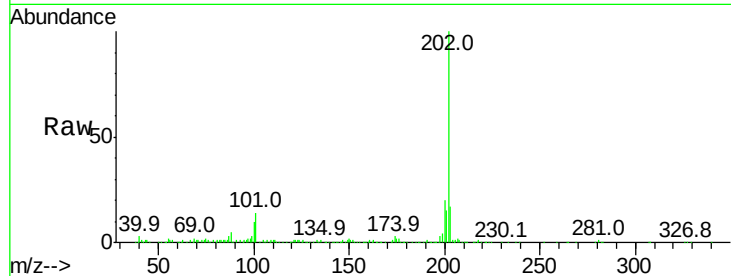
ClientSampleId :

D9WL1MSD

Tot Ion:	202	Resp:	164874
Ion Ratio	Lower	Upper	
202	100		
101	14.2	8.9	13.3#
100	9.6	7.0	10.4

Manual Integrations
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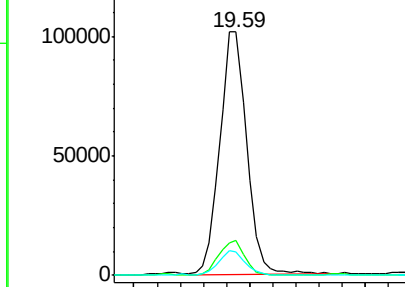
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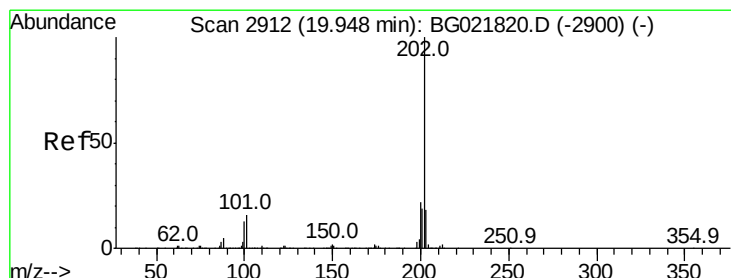
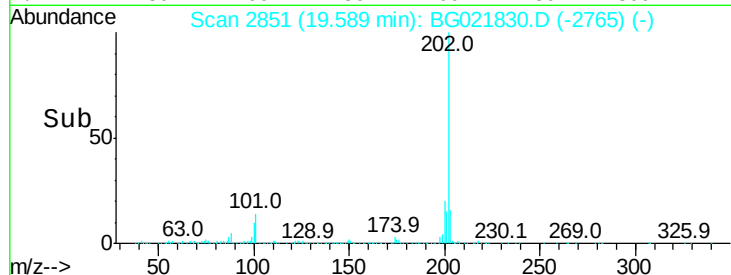
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#78

Pyrene

Concen: 27.94 ng/ul m

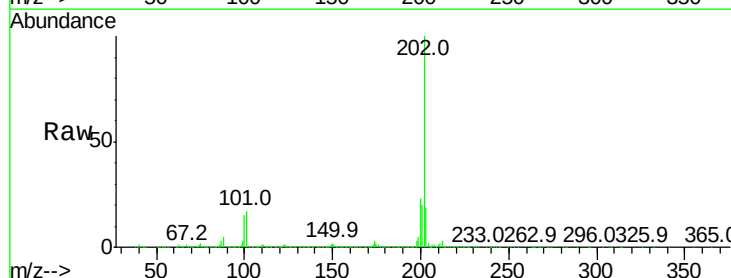
RT: 19.95 min Scan# 2912

Delta R.T. 0.01 min

Lab File: BG021830.D

Acq: 11 May 2016 00:02

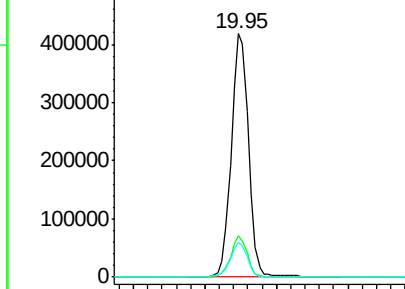
Tgt Ion:	202	Resp:	704717
Ion Ratio	Lower	Upper	
202	100		
101	17.0	9.8	14.8#
100	14.5	9.3	13.9#



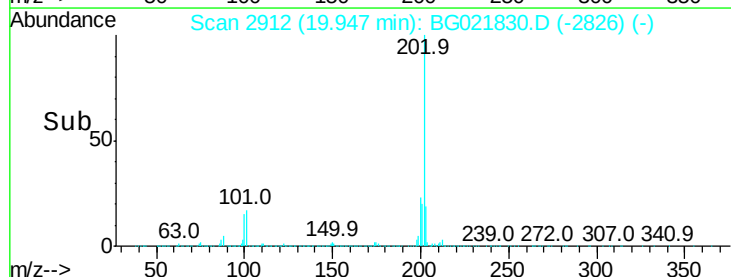
Abundance Ion 202.00 (201.70 to 202.70): E

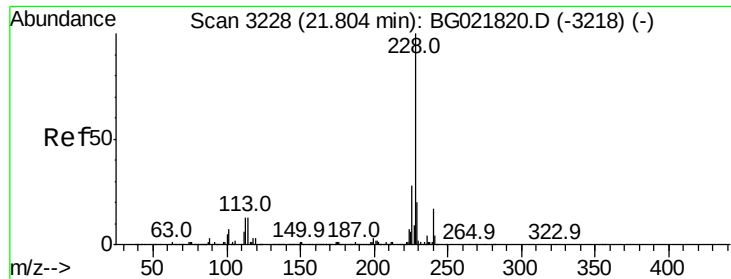
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





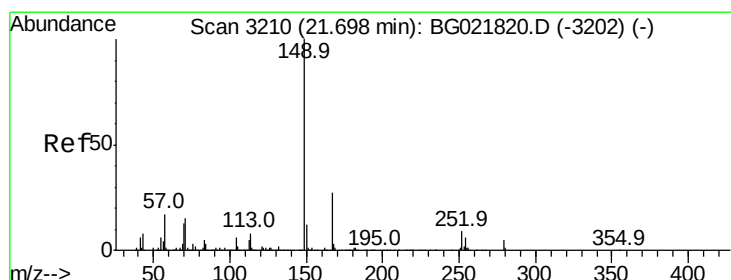
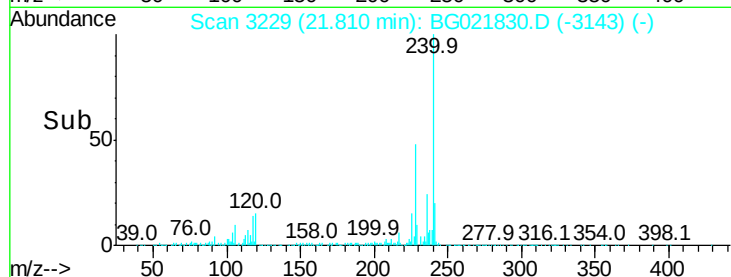
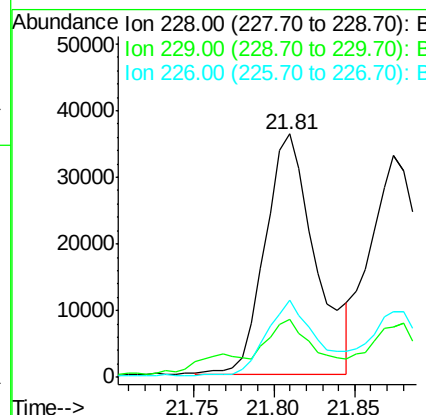
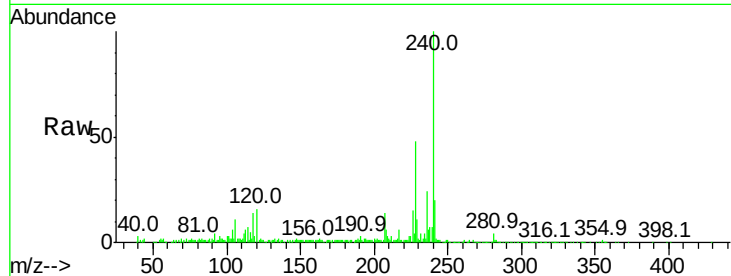
#81
Benzo(a)anthracene
Concen: 3.22 ng/ul m
RT: 21.81 min Scan# 3229
Delta R.T. 0.01 min
Lab File: BG021830.D
Acq: 11 May 2016 00:02

Instrument :
BNA_G
ClientSampleId :
D9WL1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.6	25.0
226	31.7	21.0	31.4#

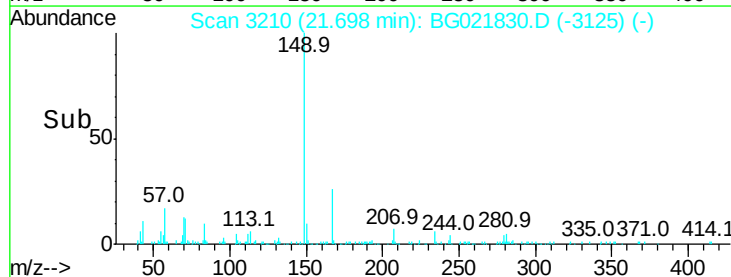
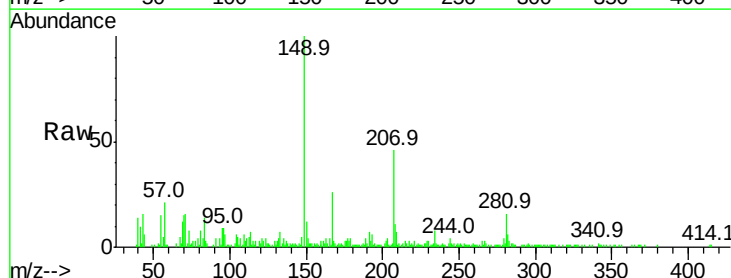
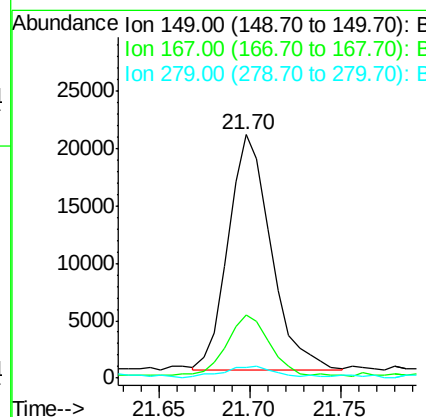
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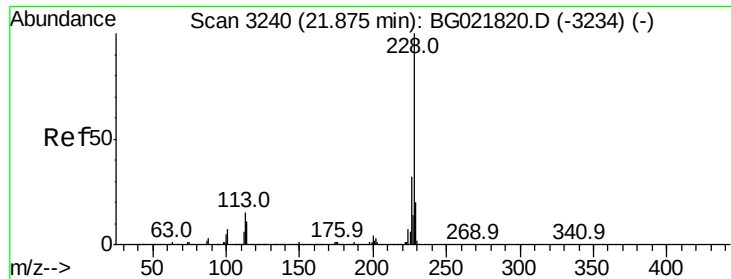
sohil
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#82
Bis(2-ethylhexyl)phthalate
Concen: 3.71 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BG021830.D
Acq: 11 May 2016 00:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.5	30.7
279	4.5	3.7	5.5





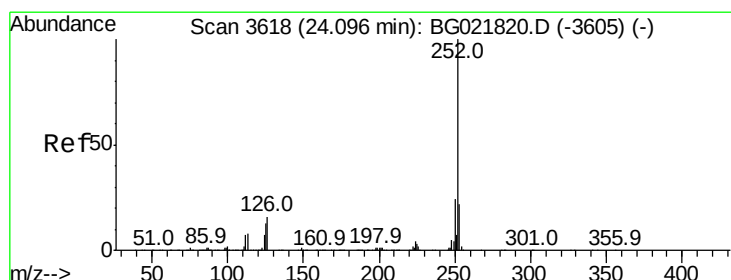
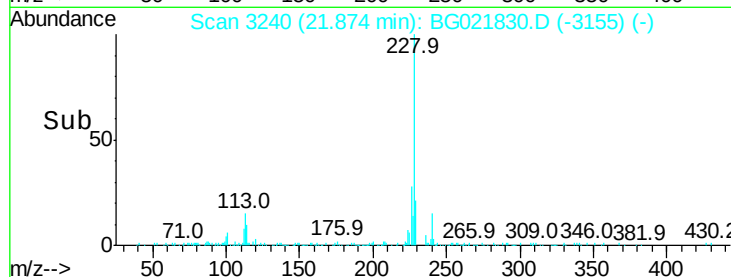
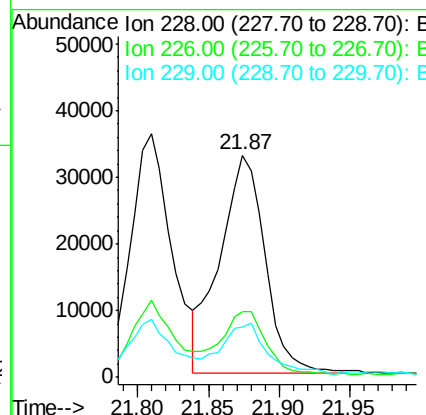
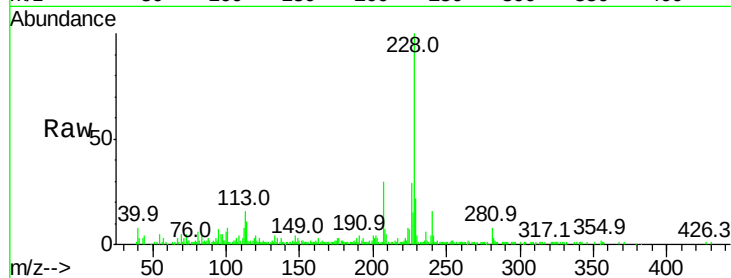
#83
Chrysene
Concen: 3.05 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG021830.D
Acq: 11 May 2016 00:02

Instrument :
BNA_G
ClientSampleId :
D9WL1MSD

Tot Ion:228	Resp:	73222
Ion Ratio	Lower	Upper
228 100		
226 29.4	23.4	35.2
229 22.4	16.2	24.2

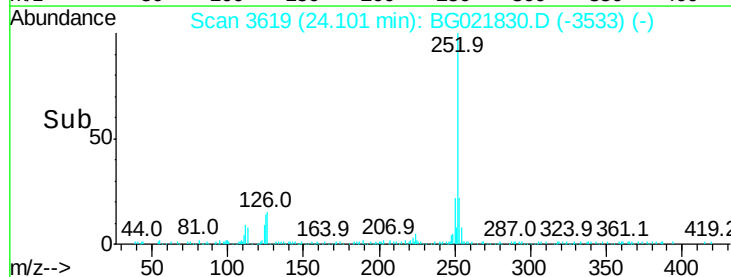
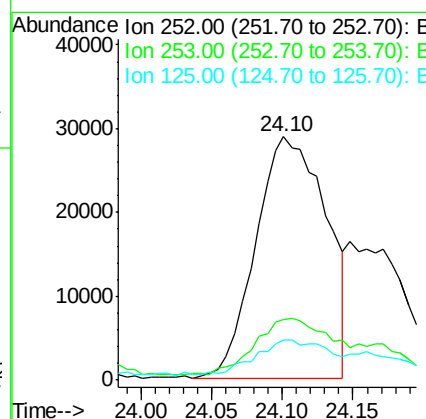
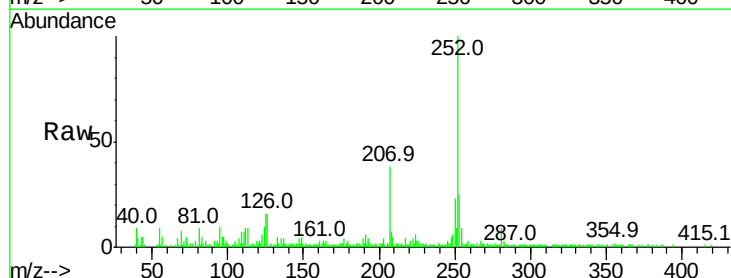
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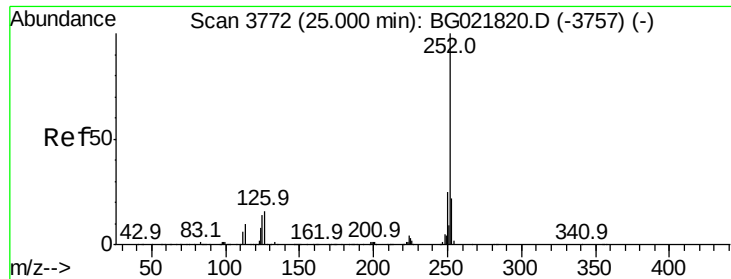
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#86
Benzo(b)fluoranthene
Concen: 4.16 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021830.D
Acq: 11 May 2016 00:02

Tgt Ion:252	Resp:	100564
Ion Ratio	Lower	Upper
252 100		
253 24.7	18.1	27.1
125 16.4	7.6	11.4#





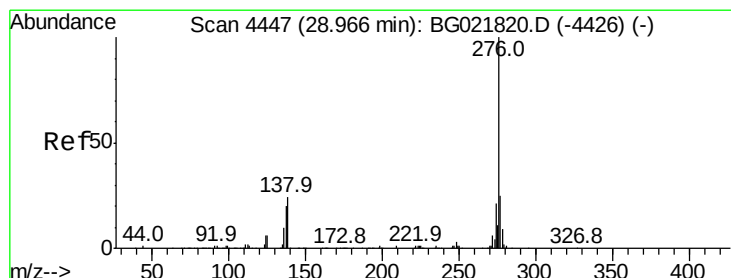
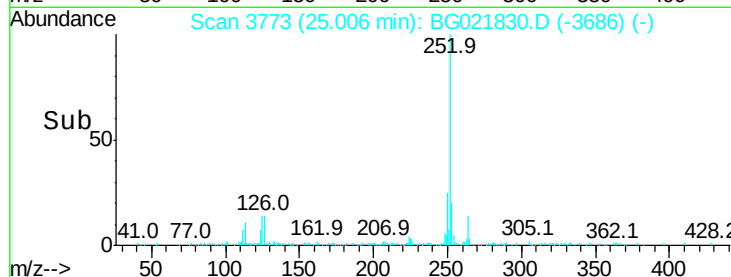
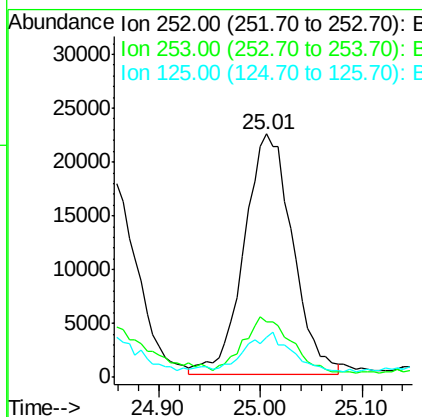
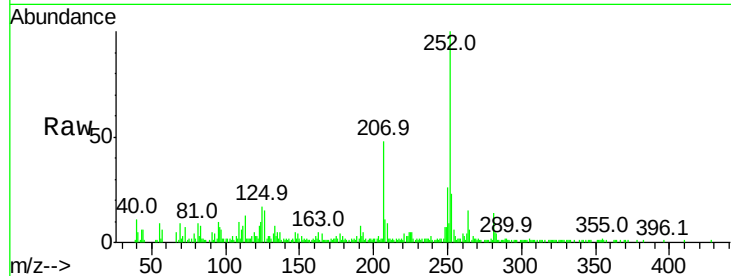
#89
Benzo(a)pyrene
Concen: 3.07 ng/ul
RT: 25.01 min Scan# 3773
Delta R.T. 0.01 min
Lab File: BG021830.D
Acq: 11 May 2016 00:02

Instrument :
BNA_G
ClientSampleId :
D9WL1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	16.7	8.2	12.2#

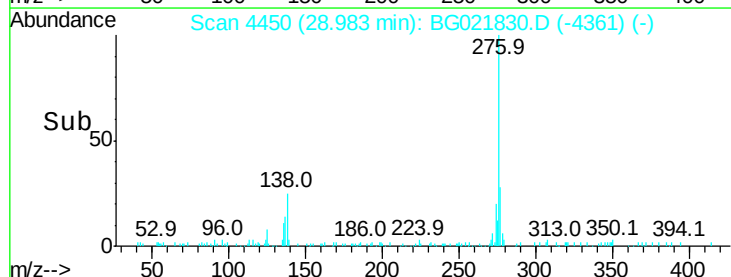
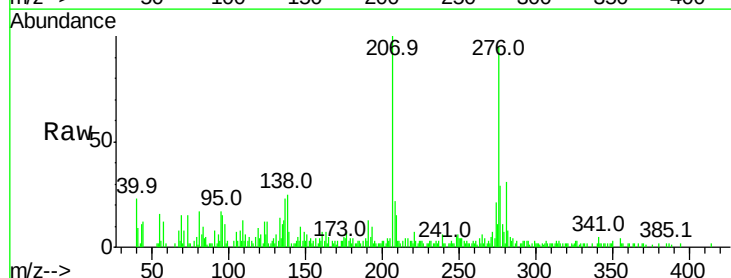
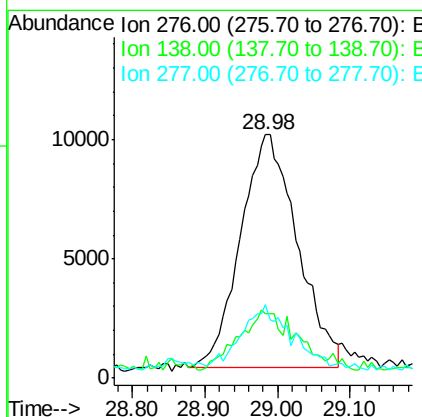
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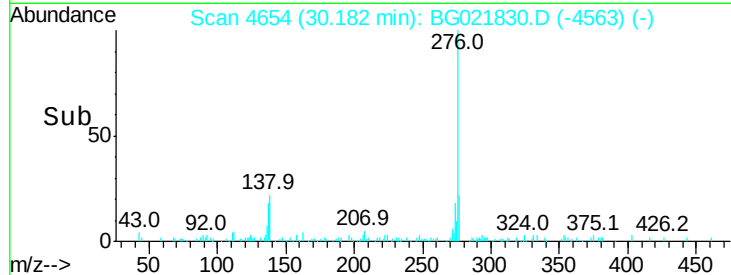
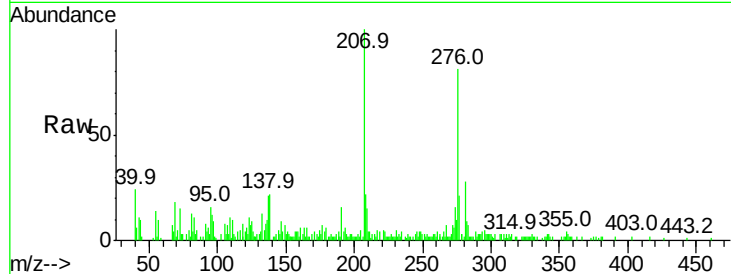
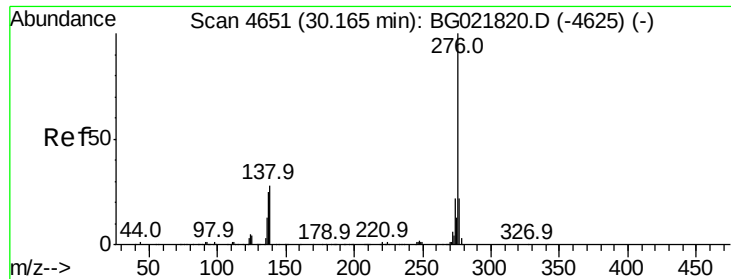
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#90
Indeno(1,2,3-cd)pyrene
Concen: 1.85 ng/ul
RT: 28.98 min Scan# 4450
Delta R.T. 0.02 min
Lab File: BG021830.D
Acq: 11 May 2016 00:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	15.8	23.6#
277	30.0	19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 1.92 ng/ul
 RT: 30.18 min Scan# 4654
 Delta R.T. 0.03 min
 Lab File: BG021830.D
 Acq: 11 May 2016 00:02

Tot Ion:	276	Resp:	45271
Ion Ratio	Lower	Upper	
276	100		
138	27.2	13.9	20.9#
277	25.6	19.8	29.6

Instrument :
 BNA_G
 ClientSampleId :
 D9WL1MSD

Manual Integrations
 APPROVED

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