

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021851.D
 Acq On : 11 May 2016 19:40
 Operator : UM/SJ
 Sample : H2937-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X96

Manual Integrations
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Quant Time: May 12 08:07:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	89967	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	447207	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	259960	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	520780	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	501793	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	511772	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4997	2.68	ng/uL	0.00
5) Phenol-d5	7.33	99	116681	17.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54628	16.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	106108	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	103249	18.41	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	50305	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	54592	29.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	104931	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	43163m	7.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	320093	17.53	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	440059	16.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	44531m	14.23	ng/ul	0.00
58) Fluorene-d10	15.79	176	291289	15.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	36106	25.03	ng/ul	0.00
71) Anthracene-d10	17.64	188	397079	15.66	ng/ul	0.00
77) Pyrene-d10	19.92	212	408810	17.40	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	397930	16.37	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	42603	2.29	ng/ul	98
70) Phenanthrene	17.59	178	78242	2.75	ng/ul	96
74) Di-n-butylphthalate	18.49	149	34921	1.53	ng/ul#	98
75) Fluoranthene	19.59	202	136309	4.21	ng/ul#	95
78) Pyrene	19.95	202	132536m	4.57	ng/ul	
81) Benzo(a)anthracene	21.82	228	79917	2.86	ng/ul#	91
82) Bis(2-ethylhexyl)phthalate	21.70	149	41235	3.94	ng/ul#	99
83) Chrysene	21.88	228	73263	2.65	ng/ul#	90
86) Benzo(b)fluoranthene	24.11	252	122103	4.17	ng/ul#	88
87) Benzo(k)fluoranthene	24.18	252	43670m	1.39	ng/ul	
89) Benzo(a)pyrene	25.03	252	82015	2.81	ng/ul#	84
90) Indeno(1,2,3-cd)pyrene	29.02	276	47531m	1.38	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	52185m	1.83	ng/ul	

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

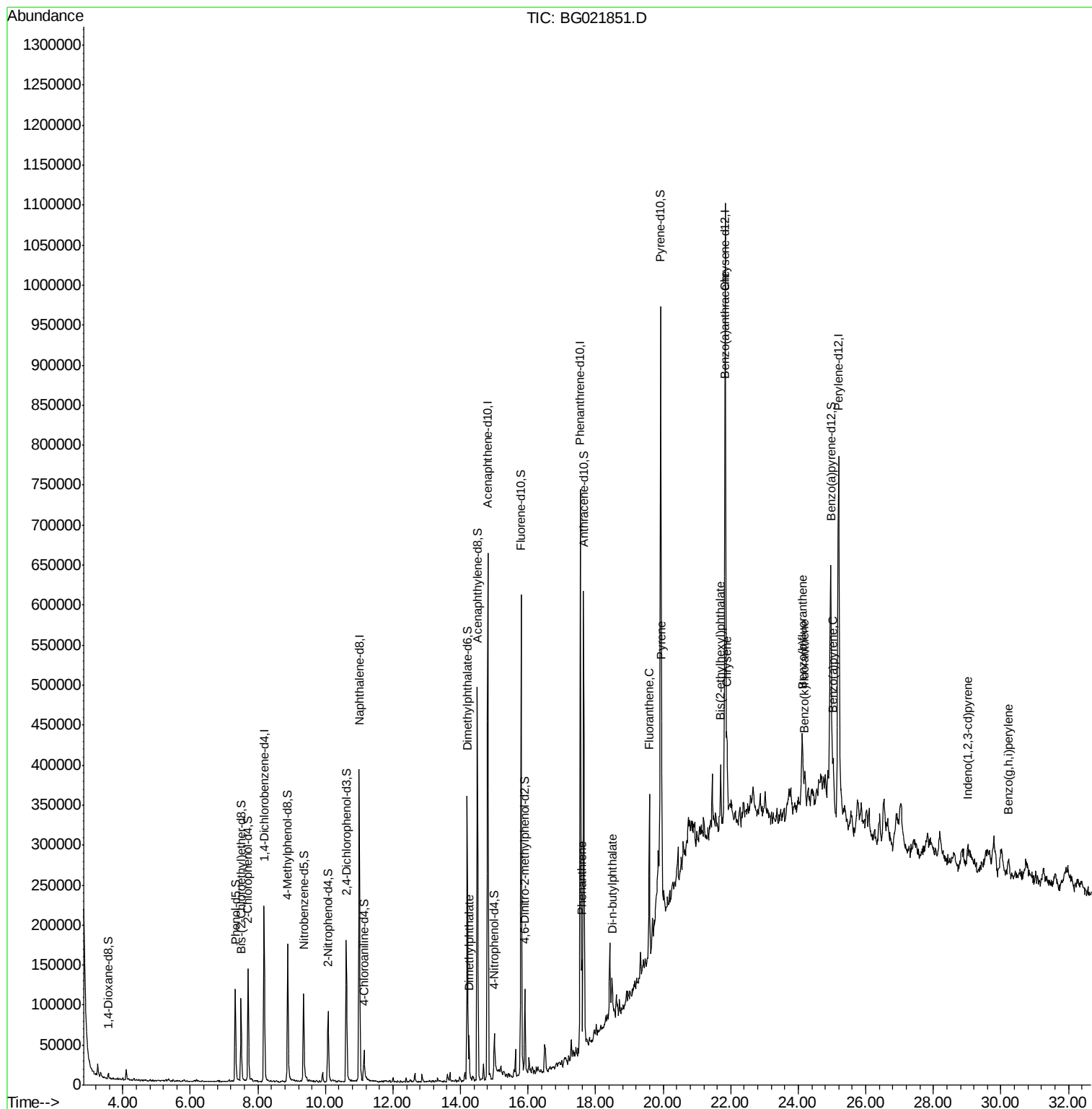
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021851.D
Acq On : 11 May 2016 19:40
Operator : UM/SJ
Sample : H2937-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

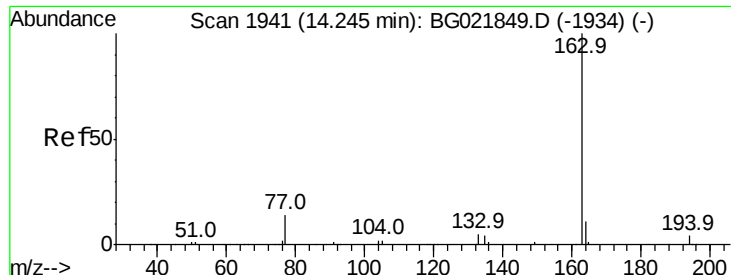
Instrument :
BNA_G
ClientSampleId :
D9X96

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Quant Time: May 12 08:07:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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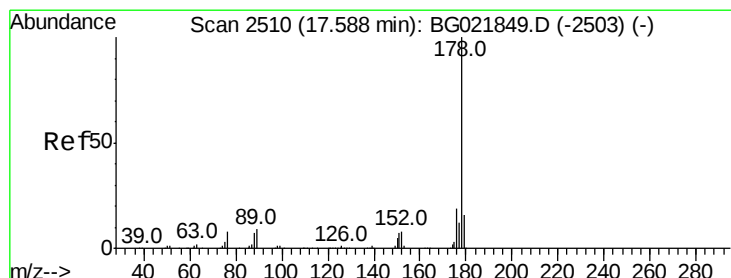
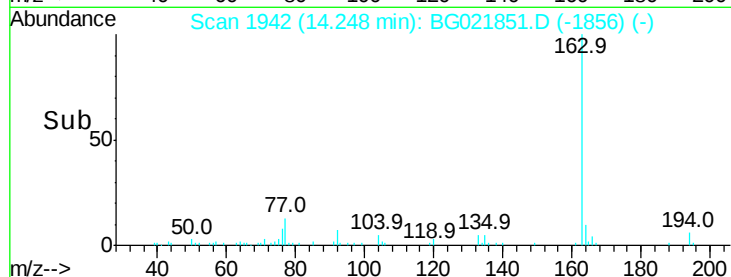
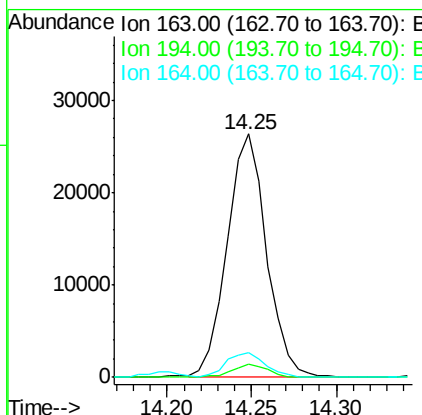
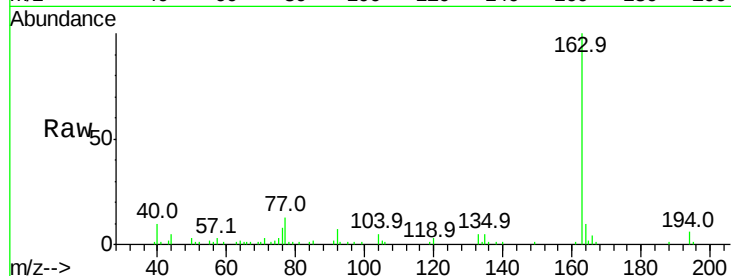
#45
Dimethylphthalate
Concen: 2.29 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tot Ion	Ratio	Resp	Lower	Upper
163	100	42603		
194	5.6		3.9	5.9
164	10.2		8.7	13.1

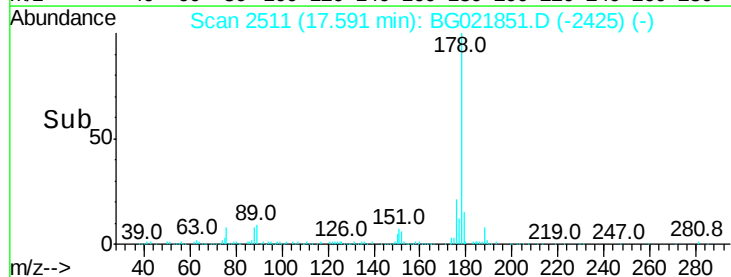
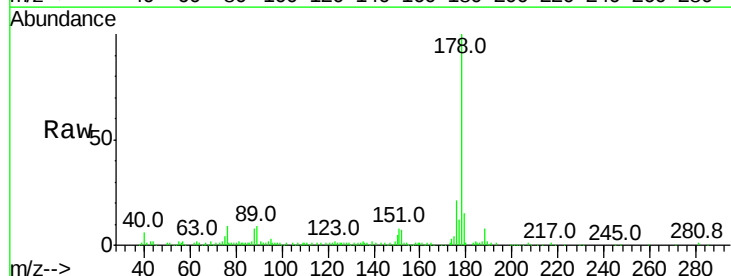
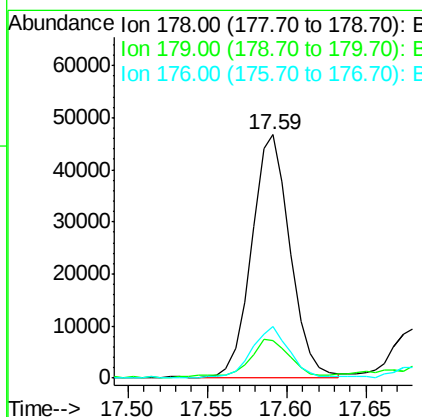
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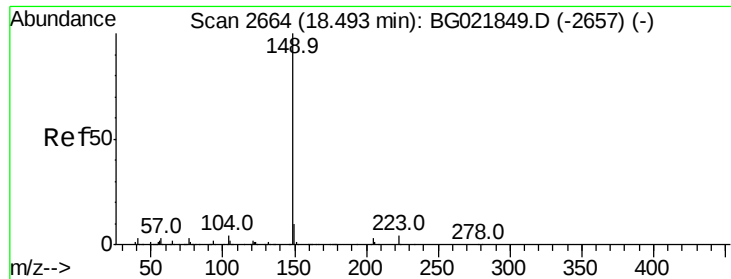
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#70
Phenanthrene
Concen: 2.75 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	78242		
179	15.5		11.8	17.8
176	21.4		14.8	22.2





#74

Di-n-butylphthalate

Concen: 1.53 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Instrument :

BNA_G

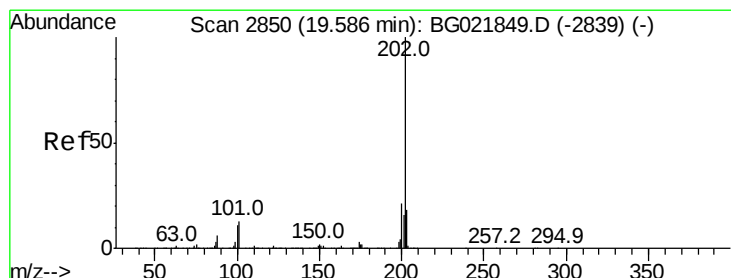
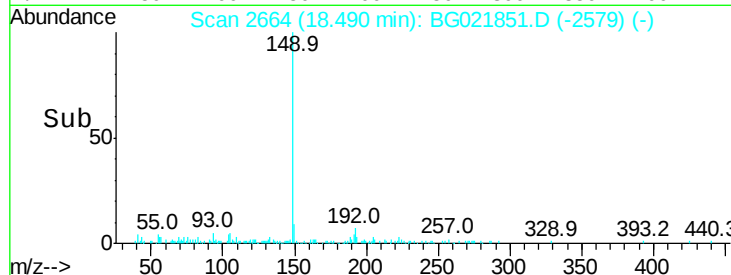
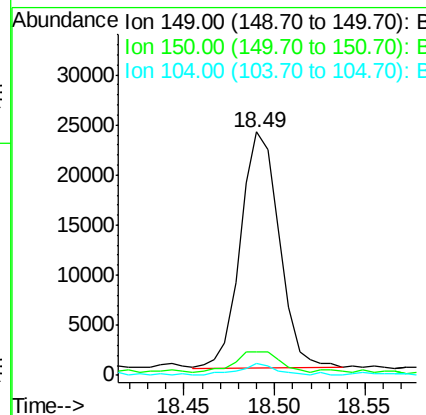
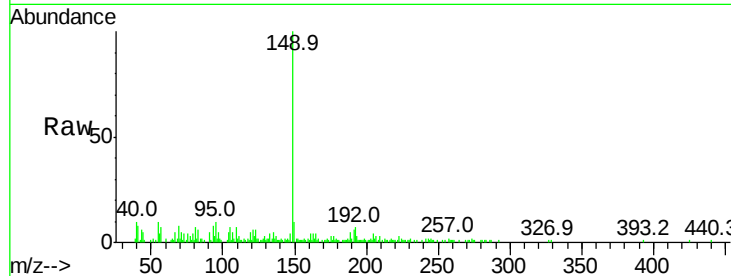
ClientSampleId :

D9X96

Tot Ion:	149	Resp:	34921
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	5.1	5.4	8.2#

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#75

Fluoranthene

Concen: 4.21 ng/ul

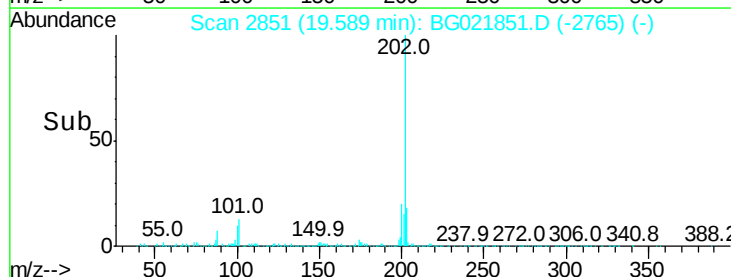
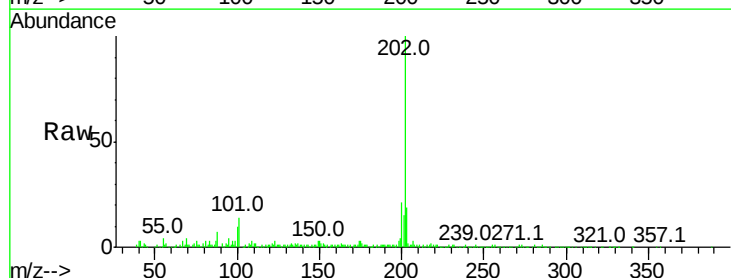
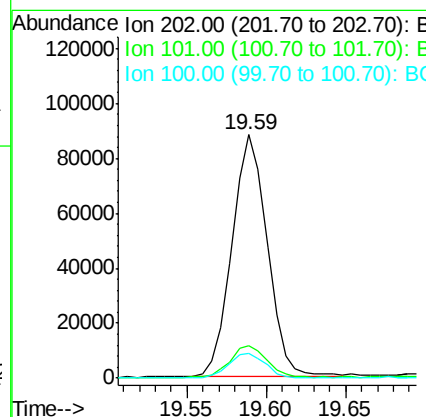
RT: 19.59 min Scan# 2851

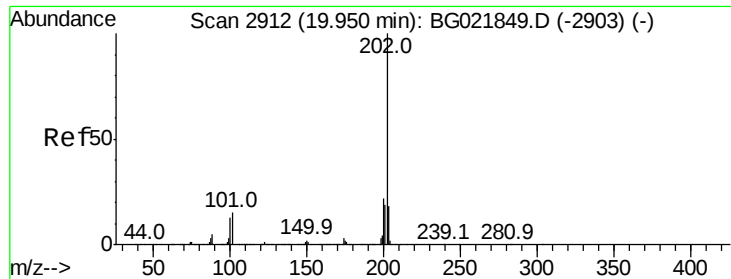
Delta R.T. 0.00 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Tgt Ion:	202	Resp:	136309
Ion Ratio	Lower	Upper	
202	100		
101	13.5	8.9	13.3#
100	10.3	7.0	10.4





#78

Pvrene

Concen: 4.57 ng/ul m

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Instrument :

BNA_G

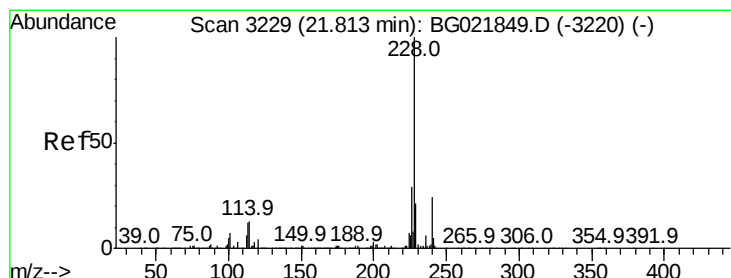
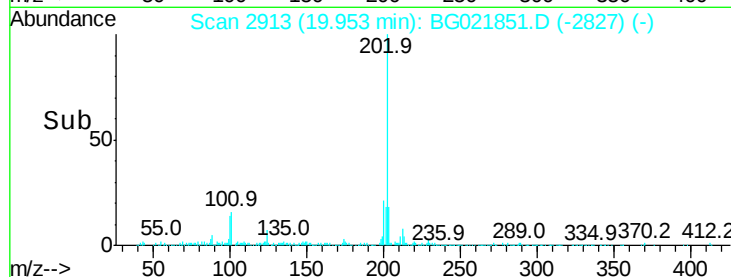
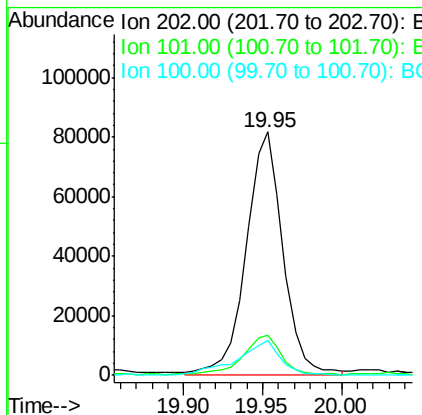
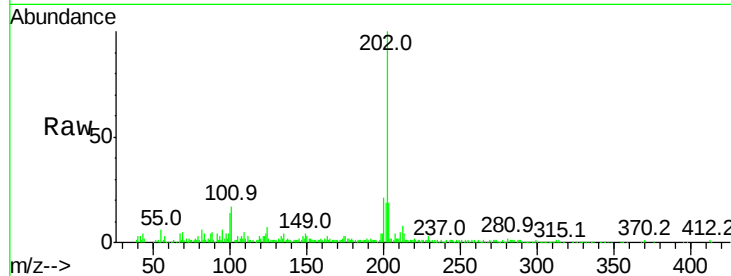
ClientSampled :

D9X96

Tot Ion:	202	Resp:	132536
Ion Ratio	Lower	Upper	
202	100		
101	16.5	9.8	14.8#
100	14.1	9.3	13.9#

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#81

Benzo(a)anthracene

Concen: 2.86 ng/ul

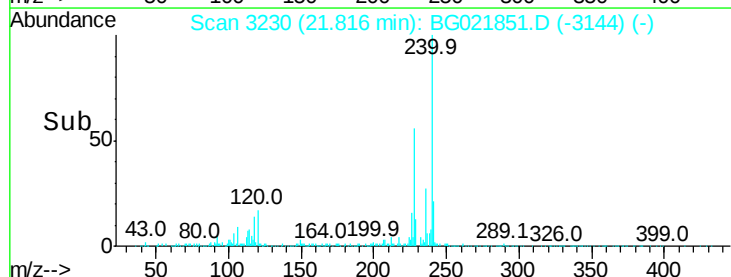
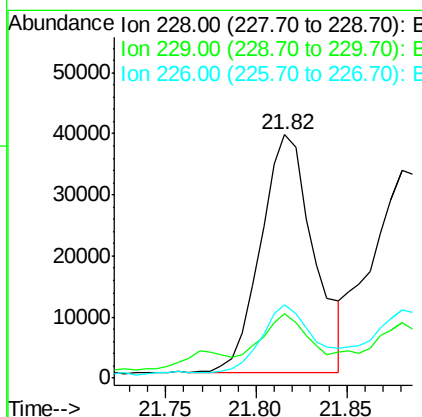
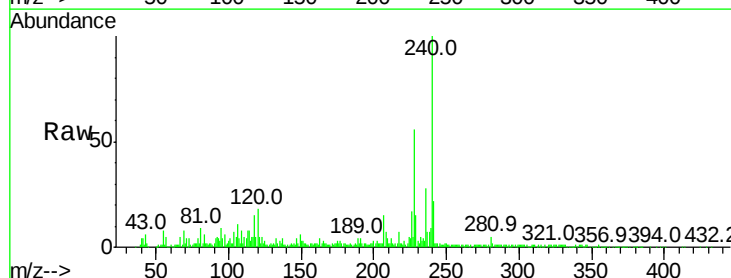
RT: 21.82 min Scan# 3230

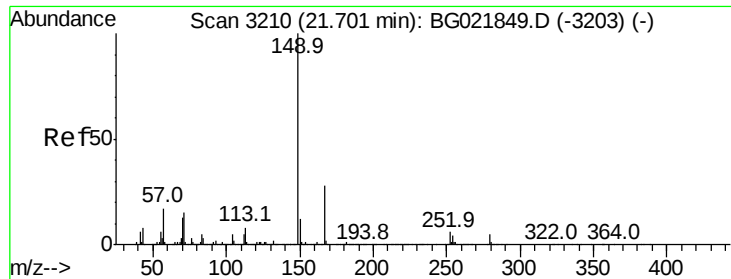
Delta R.T. 0.00 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Tgt Ion:	228	Resp:	79917
Ion Ratio	Lower	Upper	
228	100		
229	26.2	16.6	25.0#
226	30.0	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 3.94 ng/ul

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Instrument :

BNA_G

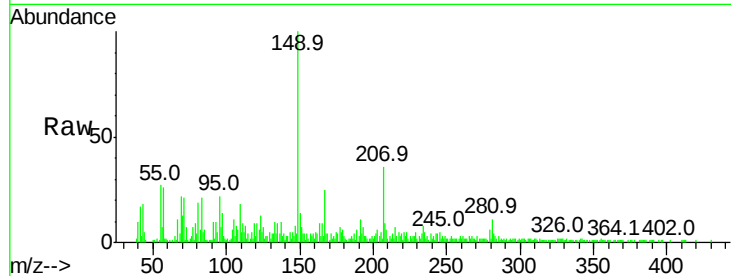
ClientSampleId :

D9X96

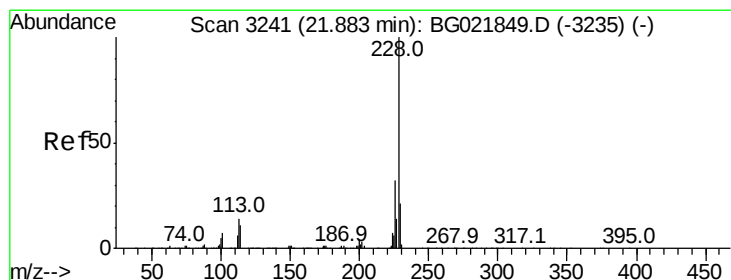
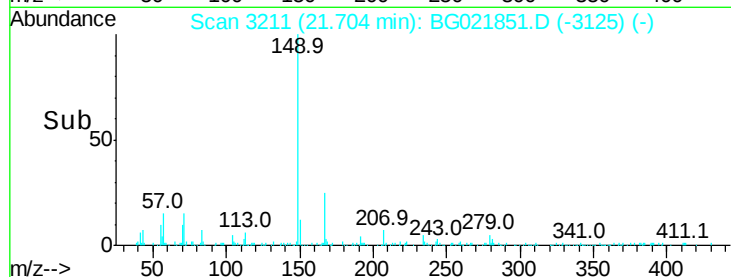
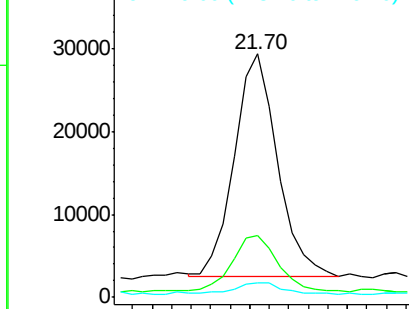
Tot Ion:	149	Resp:	41235
Ion Ratio	Lower	Upper	
149	100		
167	25.2	20.5	30.7
279	6.1	3.7	5.5#

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



#83

Chrysene

Concen: 2.65 ng/ul

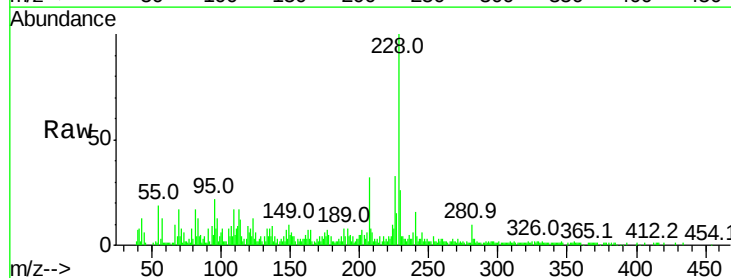
RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

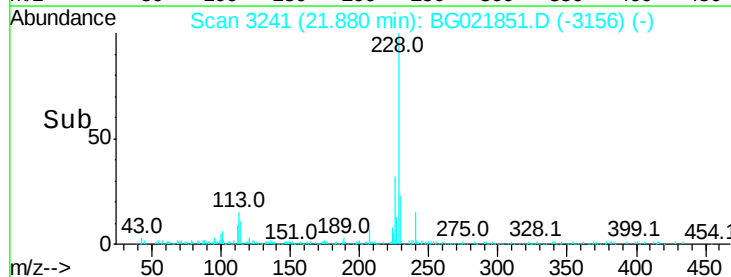
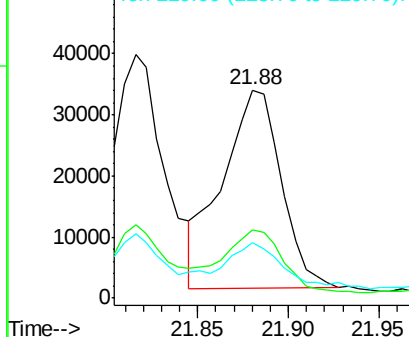
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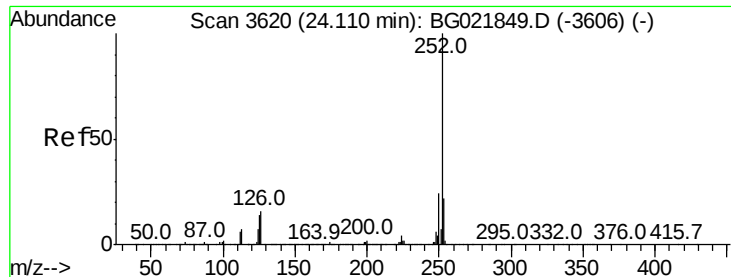
Acq: 11 May 2016 19:40

Tgt Ion:	228	Resp:	73263
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.4	35.2
229	26.4	16.2	24.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





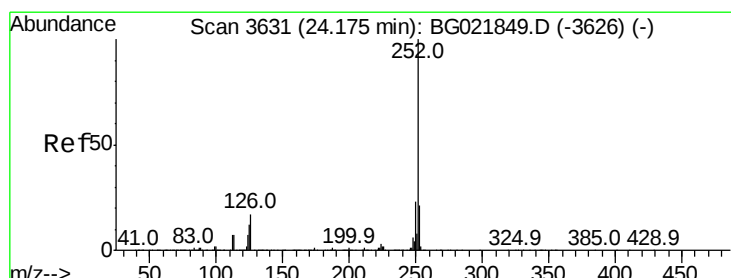
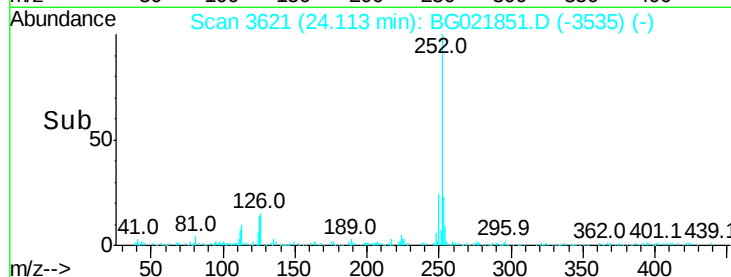
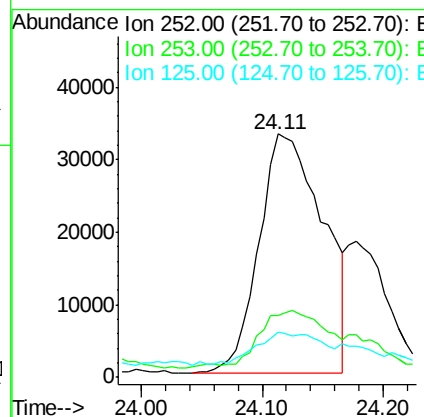
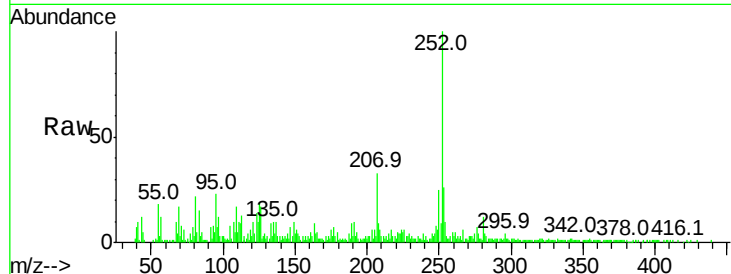
#86
Benzo(b)fluoranthene
Concen: 4.17 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	18.1	27.1
125	18.5	7.6	11.4

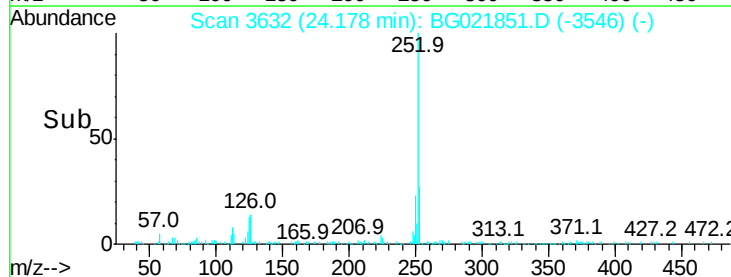
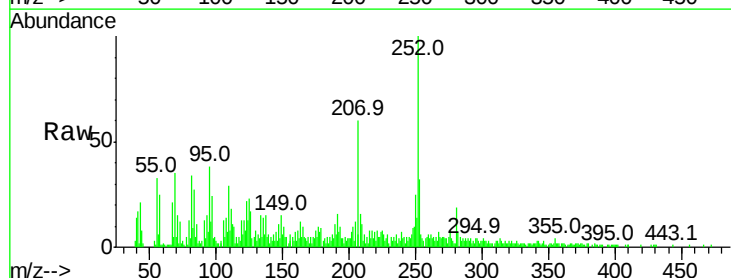
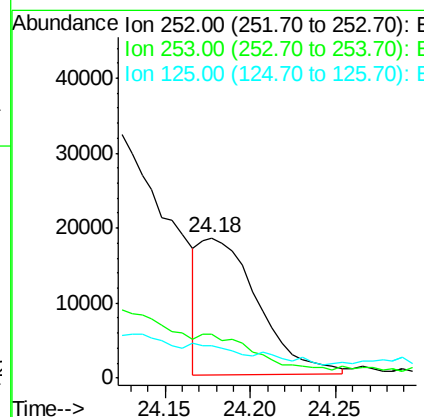
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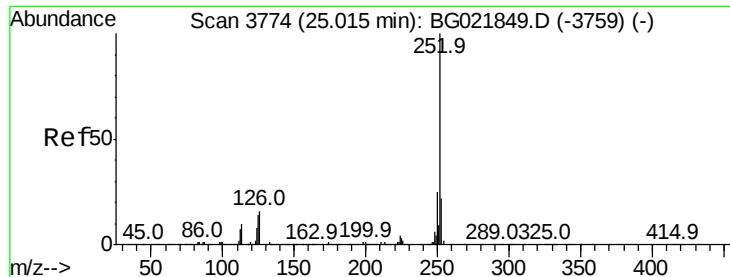
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#87
Benzo(k)fluoranthene
Concen: 1.39 ng/ul m
RT: 24.18 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	31.6	17.8	26.8
125	22.7	7.7	11.5





#89

Benzo(a)pyrene

Concen: 2.81 ng/ul

RT: 25.03 min Scan# 3777

Delta R.T. 0.01 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Instrument :

BNA_G

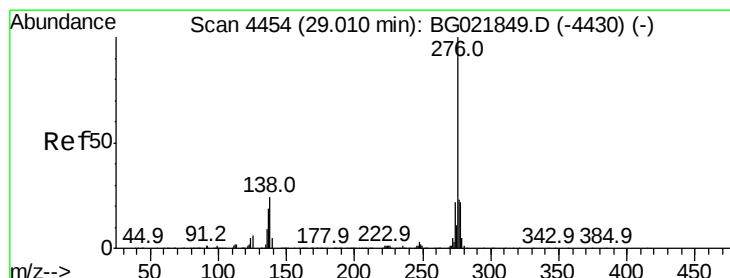
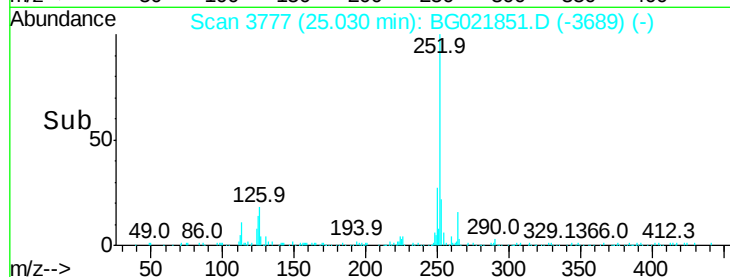
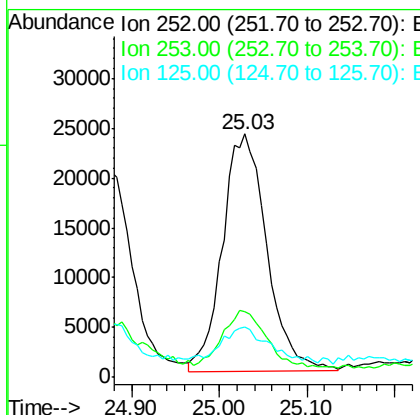
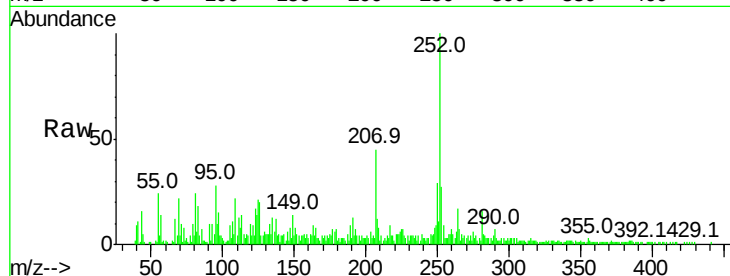
ClientSampleId :

D9X96

Tot Ion:	252	Resp:	82015
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.4	26.0#
125	20.6	8.2	12.2#

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#90

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul m

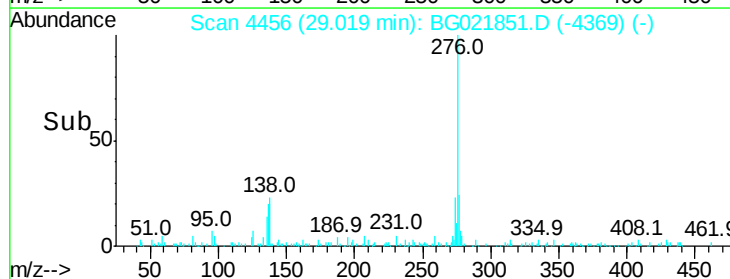
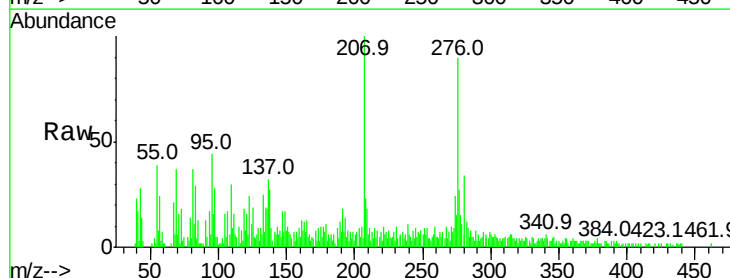
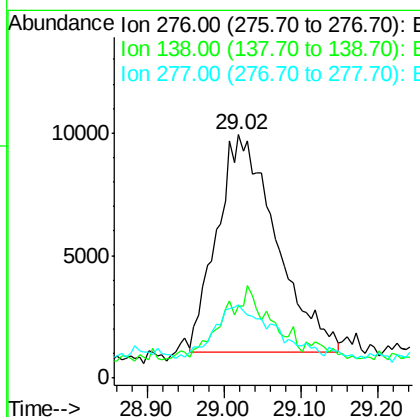
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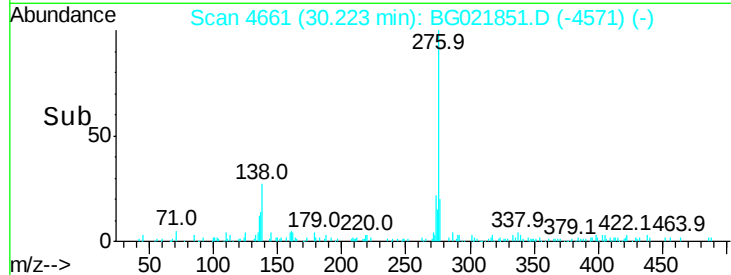
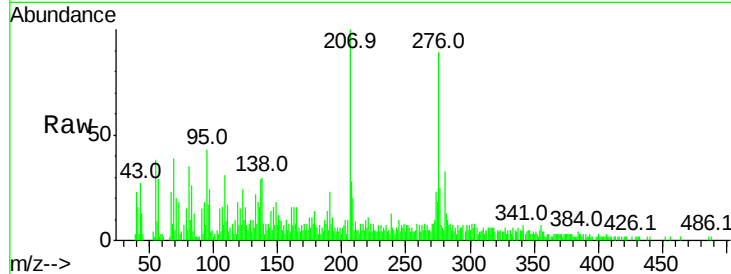
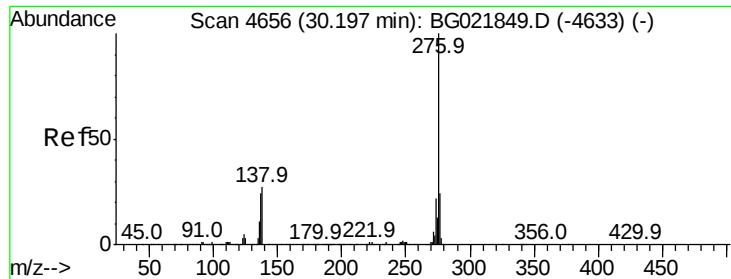
Delta R.T. 0.01 min

Lab File: BG021851.D

Acq: 11 May 2016 19:40

Tgt Ion:	276	Resp:	47531
Ion Ratio	Lower	Upper	
276	100		
138	29.7	15.8	23.6#
277	30.2	19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 1.83 ng/ul m
 RT: 30.22 min Scan# 4661
 Delta R.T. 0.03 min
 Lab File: BG021851.D
 Acq: 11 May 2016 19:40

Tot Ion:	276	Resp:	52185
Ion Ratio	Lower	Upper	
276	100		
138	33.7	13.9	20.9#
277	28.2	19.8	29.6

Instrument :
 BNA_G
 ClientSampleId :
 D9X96

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:28:17 PM

