

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021862.D
 Acq On : 12 May 2016 3:02
 Operator : UM/SJ
 Sample : H2936-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ7

Manual Integrations
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Quant Time: May 12 09:39:33 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	8.19	152	68225	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	344210	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	205059	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	424074	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	410306	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	411472	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6143	4.35	ng/uL	0.00
5) Phenol-d5	7.33	99	144120	28.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	68875	27.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	130856	33.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	124021	29.17	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	66770	29.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	72560	50.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	130256	32.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	70930m	16.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	417743	29.00	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	568703	27.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	63010	25.52	ng/ul	0.00
58) Fluorene-d10	15.79	176	387432	25.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	51491	43.83	ng/ul	0.00
71) Anthracene-d10	17.65	188	525341	25.45	ng/ul	0.00
77) Pyrene-d10	19.93	212	551214	28.70	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.96	264	521025	26.65	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	75495	5.15	ng/ul	99
70) Phenanthrene	17.59	178	87699	3.78	ng/ul	98
74) Di-n-butylphthalate	18.49	149	359315	19.37	ng/ul#	96
75) Fluoranthene	19.59	202	222689	8.45	ng/ul#	95
78) Pyrene	19.95	202	198936	8.38	ng/ul	98
79) Butylbenzylphthalate	20.82	149	23683m	4.51	ng/ul	
81) Benzo(a)anthracene	21.82	228	148768	6.52	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	322453	37.64	ng/ul	97
83) Chrysene	21.88	228	152315	6.74	ng/ul	96
86) Benzo(b)fluoranthene	24.12	252	289351	12.29	ng/ul#	93
87) Benzo(k)fluoranthene	24.18	252	73993m	2.93	ng/ul	
89) Benzo(a)pyrene	25.03	252	156846	6.69	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	29.03	276	122552m	4.41	ng/ul	
91) Dibenzo(a,h)anthracene	29.06	278	35261m	1.52	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	50860	2.22	ng/ul#	88

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

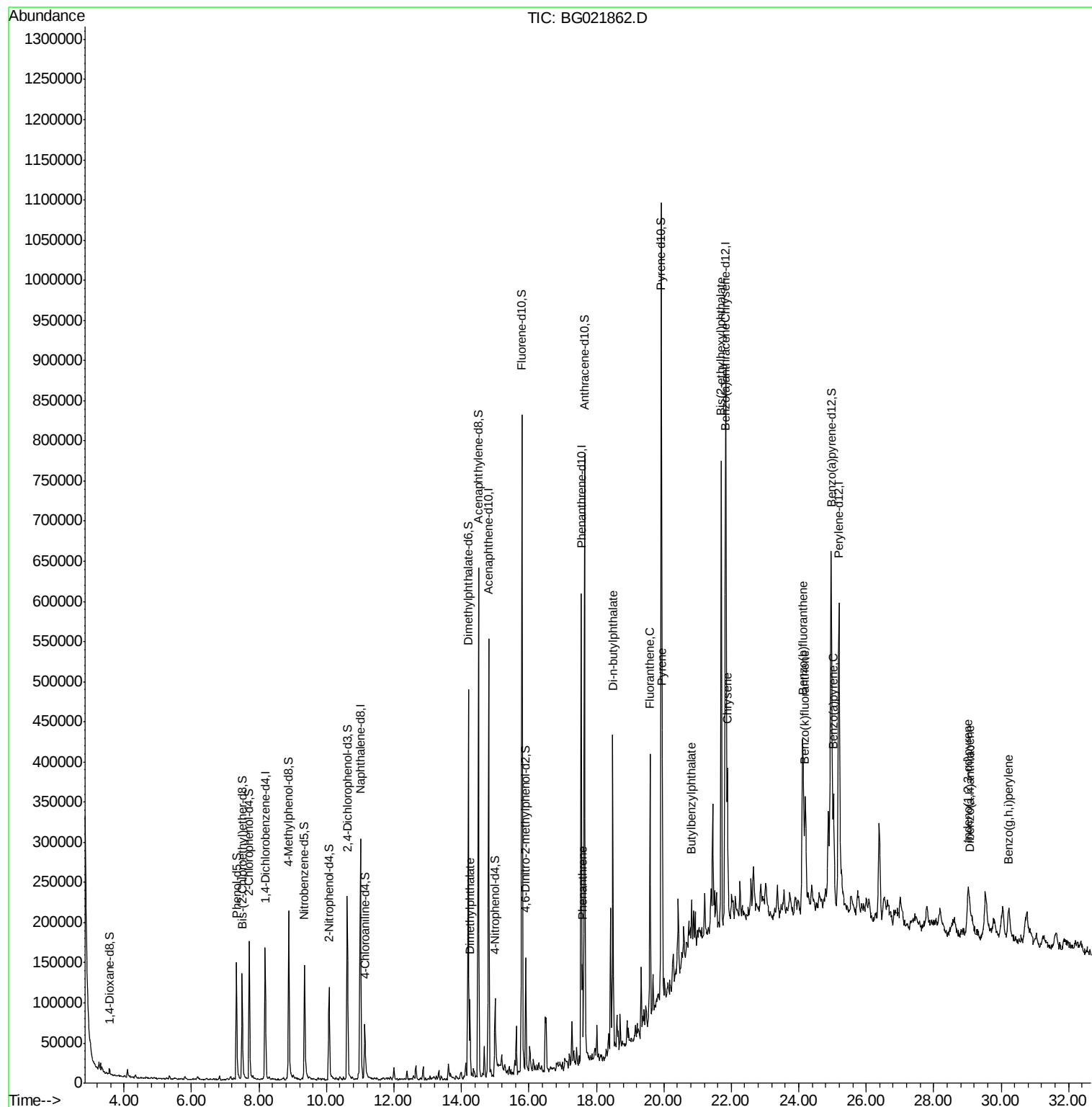
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021862.D
Acq On : 12 May 2016 3:02
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Sample : H2936-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

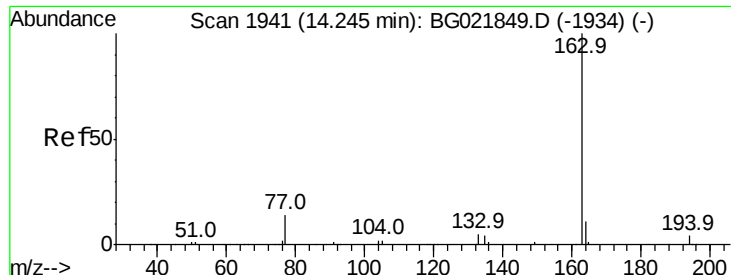
Instrument :
BNA_G
ClientSampled :
D9WJ7

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Quant Time: May 12 09:39:33 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





#45

Dimethylphthalate

Concen: 5.15 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

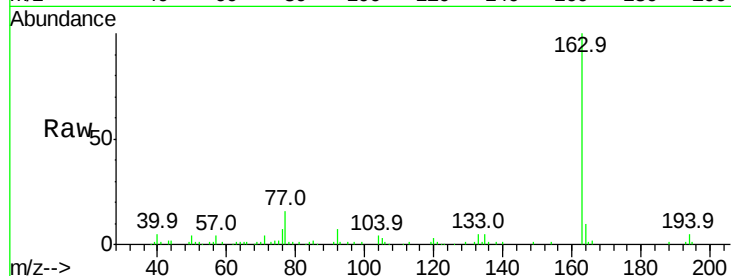
ClientSampleId :

D9WJ7

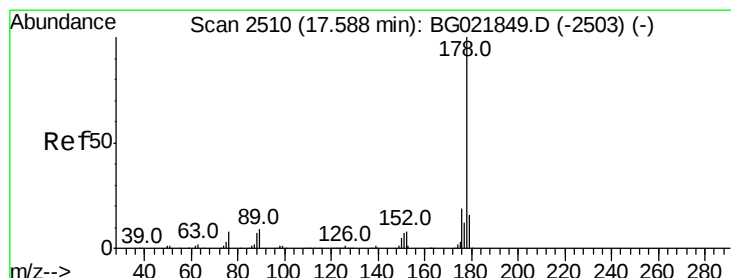
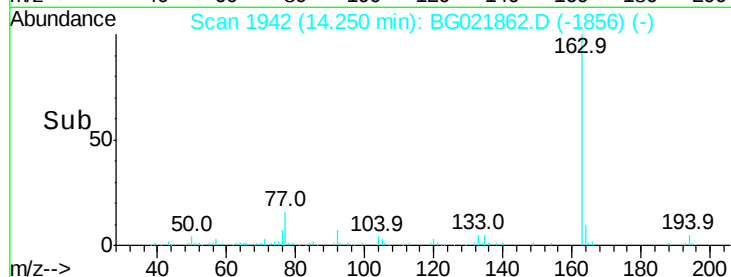
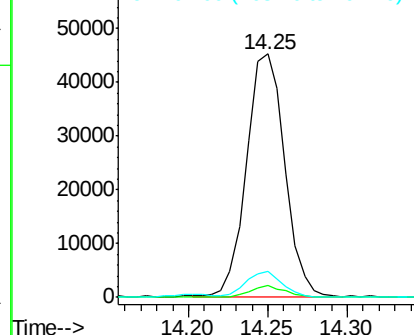
Tot Ion:	163	Resp:	75495
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.9	5.9
164	10.5	8.7	13.1

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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



#70

Phenanthrene

Concen: 3.78 ng/ul

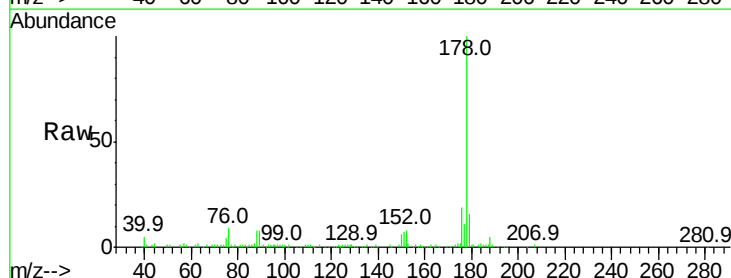
RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

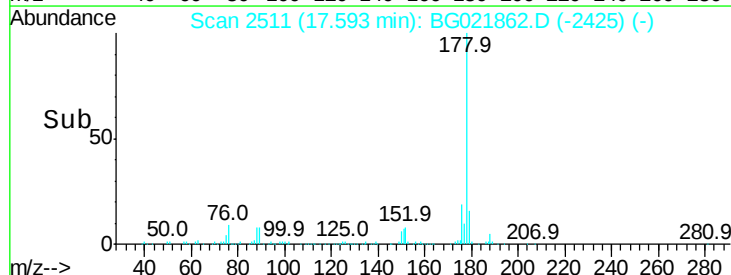
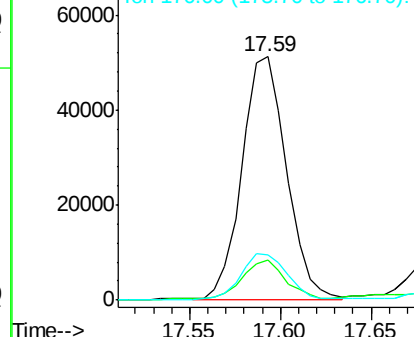
Lab File: BG021862.D

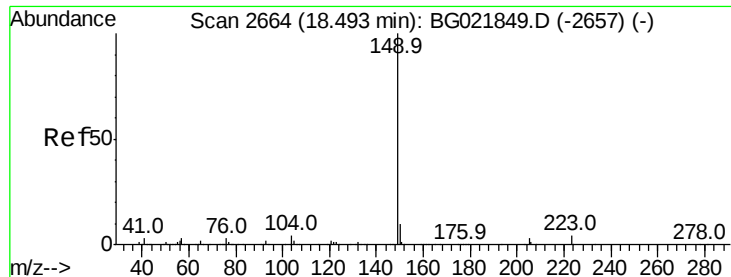
Acq: 12 May 2016 3:02

Tgt Ion:	178	Resp:	87699
Ion Ratio	Lower	Upper	
178	100		
179	16.3	11.8	17.8
176	18.6	14.8	22.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Di-n-butylphthalate

Concen: 19.37 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

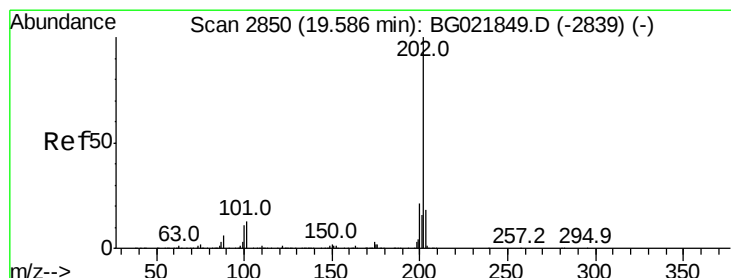
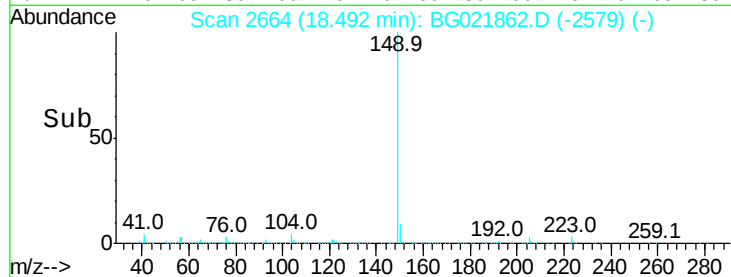
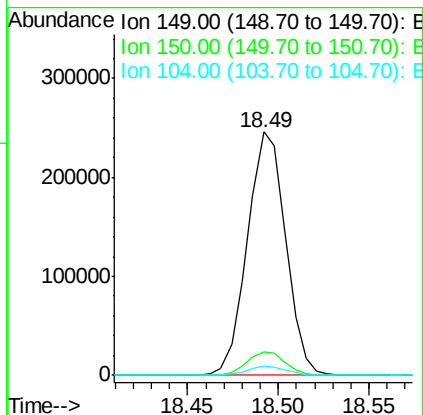
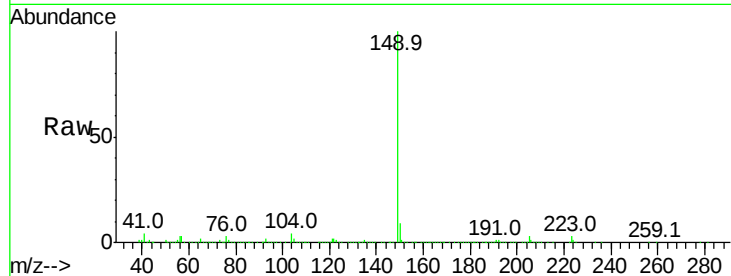
ClientSampleId :

D9WJ7

Tot Ion:	149	Resp:	359315
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	3.9	5.4	8.2

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#75

Fluoranthene

Concen: 8.45 ng/ul

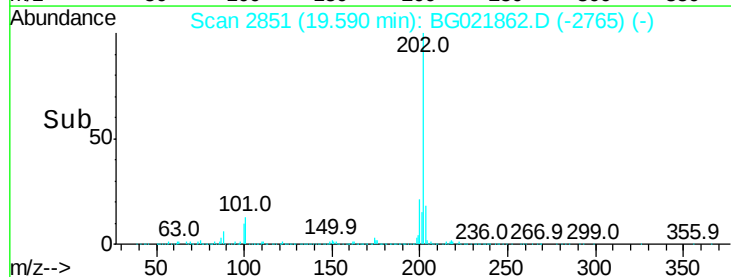
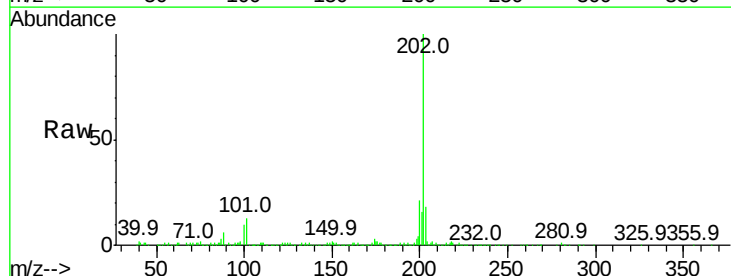
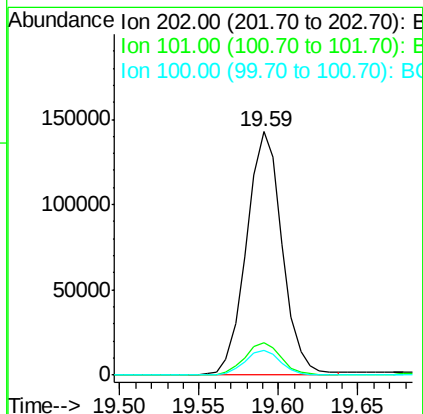
RT: 19.59 min Scan# 2851

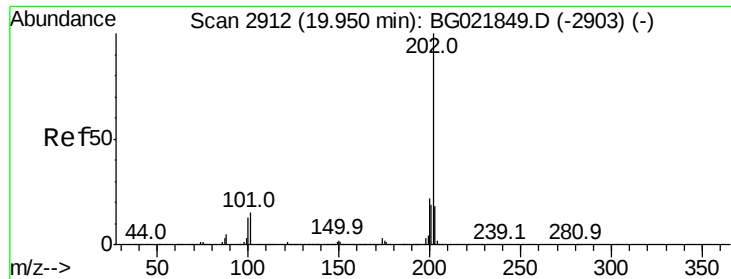
Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Tgt Ion:	202	Resp:	222689
Ion Ratio	Lower	Upper	
202	100		
101	13.5	8.9	13.3
100	10.1	7.0	10.4





#78

Pvrene

Concen: 8.38 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

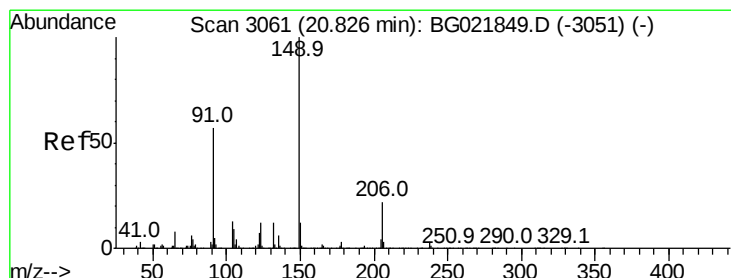
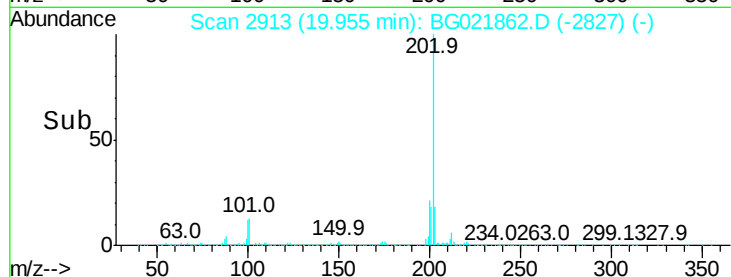
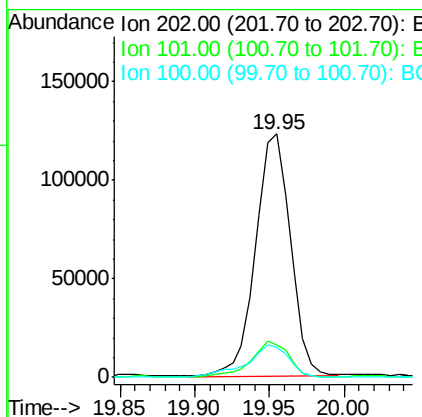
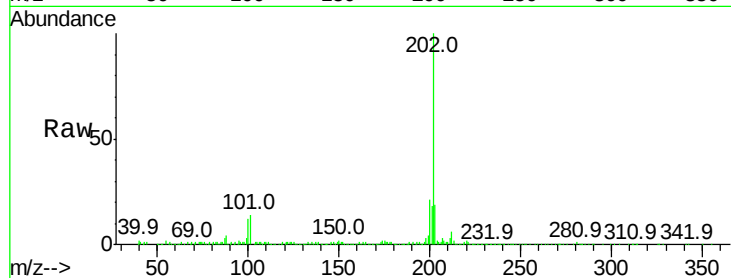
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	9.8	14.8
100	12.1	9.3	13.9

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#79

Butylbenzylphthalate

Concen: 4.51 ng/ul m

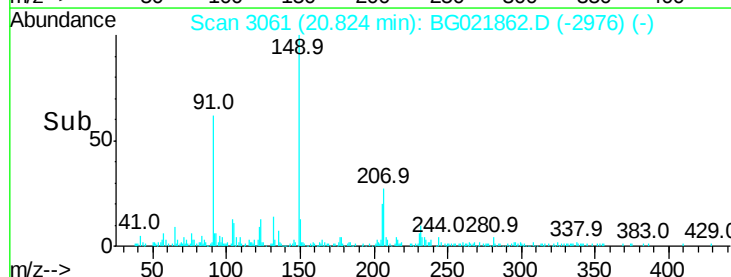
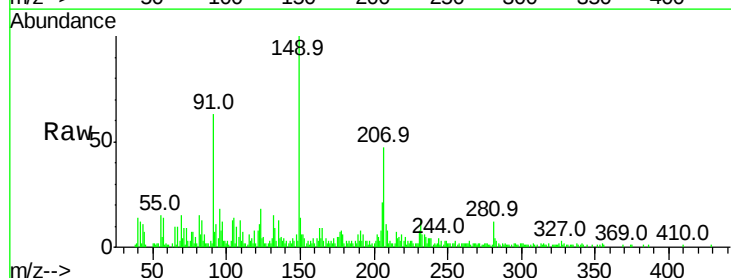
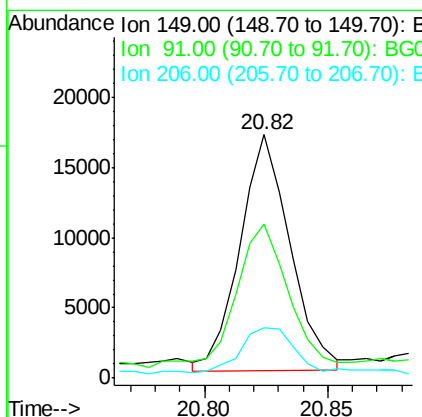
RT: 20.82 min Scan# 3061

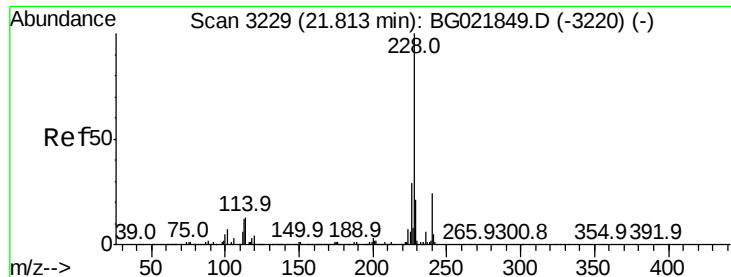
Delta R.T. -0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	63.2	65.8	98.8#
206	20.9	15.5	23.3





#81

Benzo(a)anthracene

Concen: 6.52 ng/ul

RT: 21.82 min Scan# 3230

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

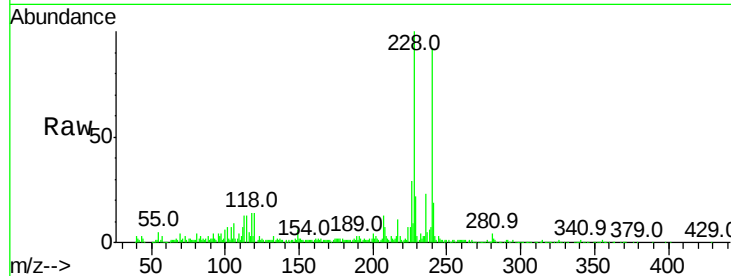
ClientSampled :

D9WJ7

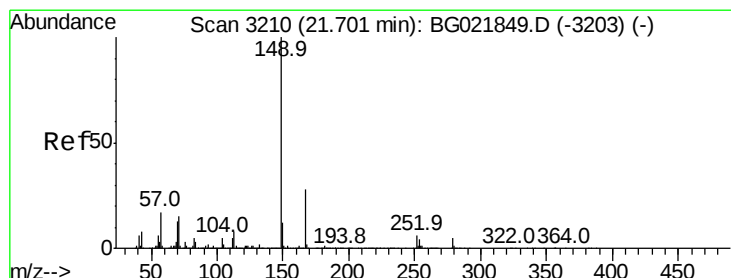
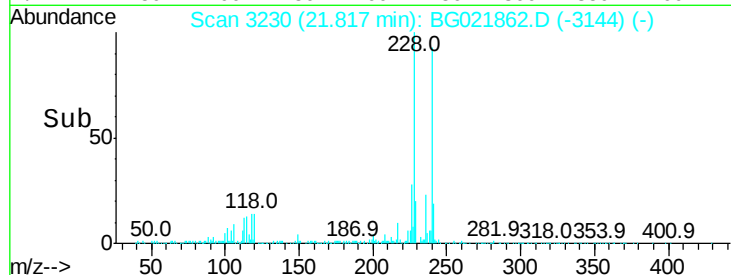
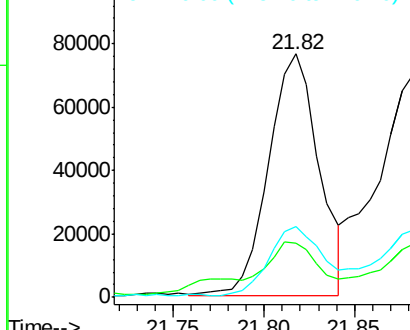
Tot Ion:	228	Resp:	148768
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.6	25.0
226	28.8	21.0	31.4

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



#82

Bis(2-ethylhexyl)phthalate

Concen: 37.64 ng/ul

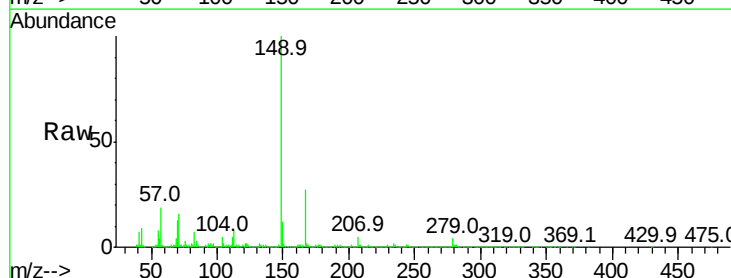
RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

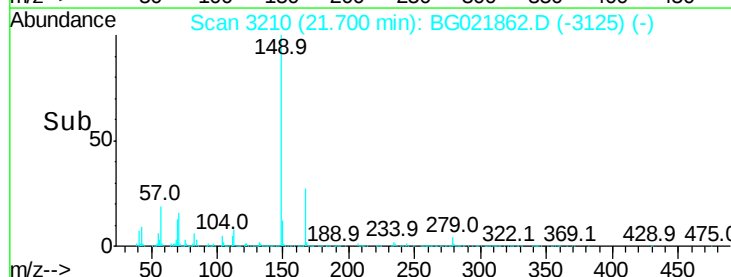
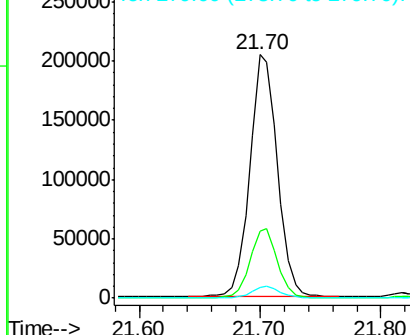
Lab File: BG021862.D

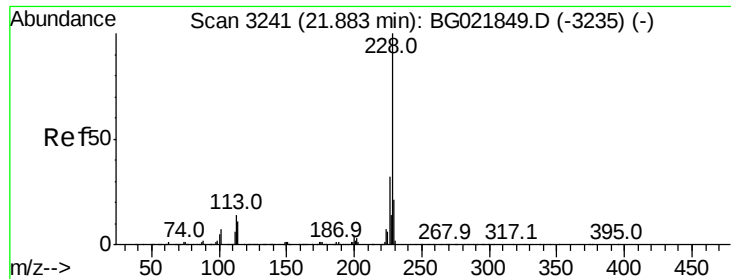
Acq: 12 May 2016 3:02

Tgt Ion:	149	Resp:	322453
Ion Ratio	Lower	Upper	
149	100		
167	27.4	20.5	30.7
279	4.5	3.7	5.5



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





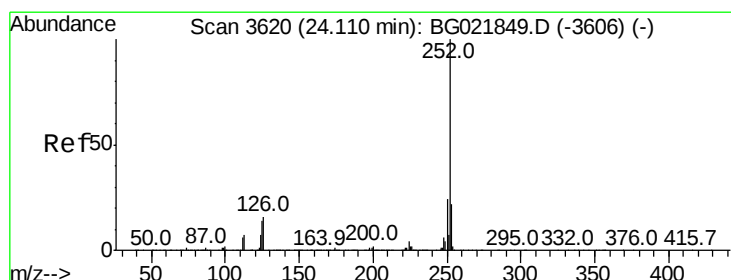
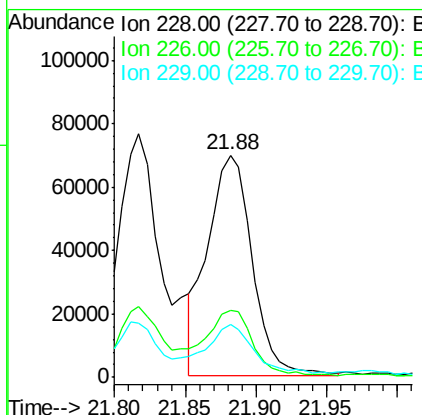
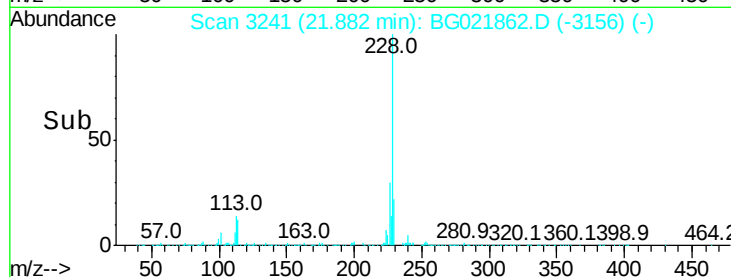
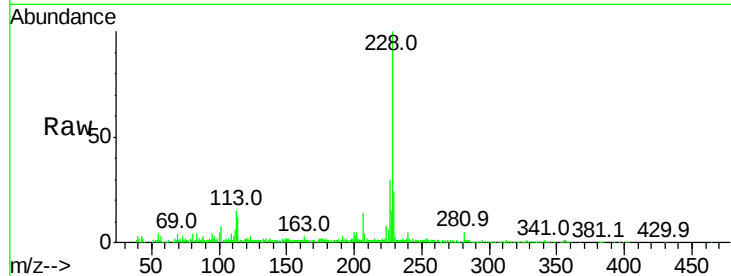
#83
Chrysene
Concen: 6.74 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG021862.D
Acq: 12 May 2016 3:02

Instrument :
BNA_G
ClientSampleId :
D9WJ7

Tot Ion:	228	Resp:	152315
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	24.1	16.2	24.2

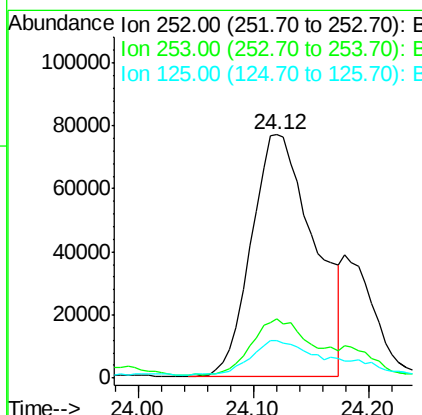
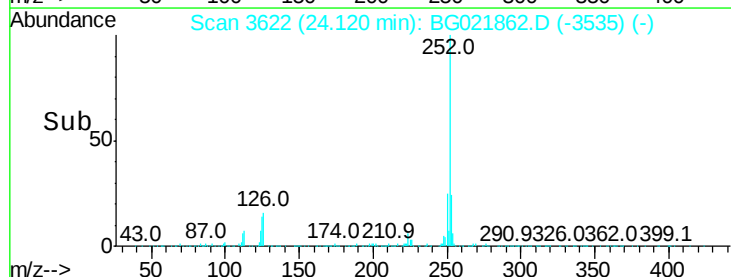
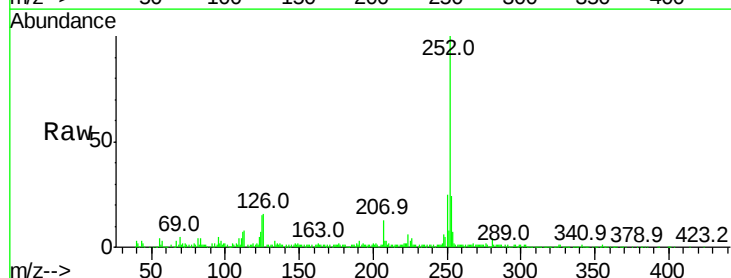
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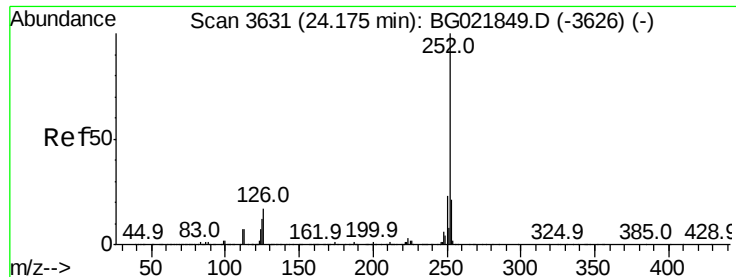
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#86
Benzo(b)fluoranthene
Concen: 12.29 ng/ul
RT: 24.12 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BG021862.D
Acq: 12 May 2016 3:02

Tgt Ion:	252	Resp:	289351
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.1	27.1
125	15.3	7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 2.93 ng/ul m

RT: 24.18 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

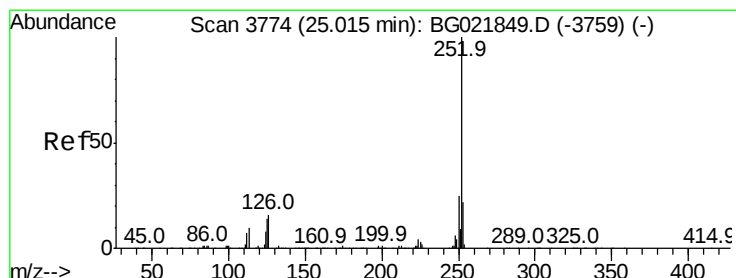
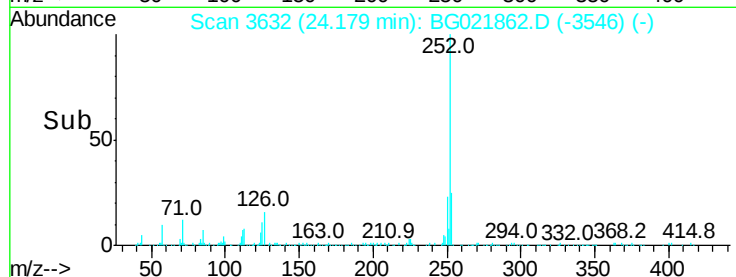
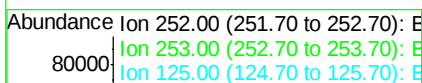
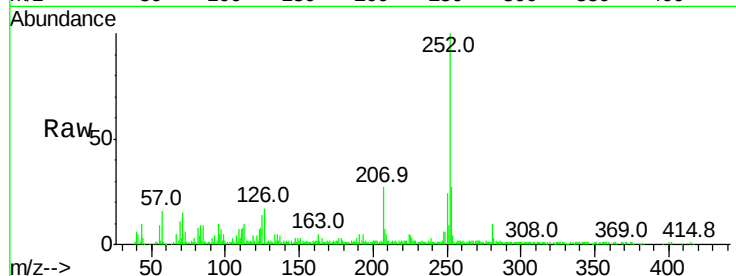
ClientSampleId :

D9WJ7

Tot Ion:	252	Resp:	73993
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.8	26.8
125	13.7	7.7	11.5#

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#89

Benzo(a)pyrene

Concen: 6.69 ng/ul

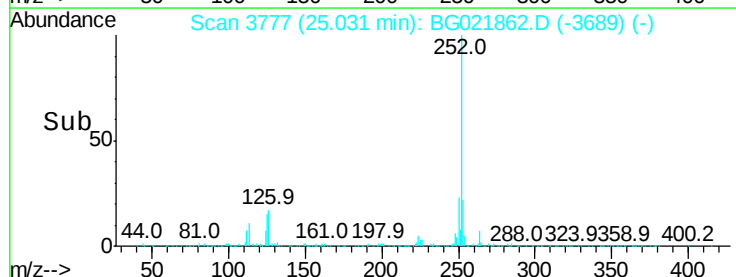
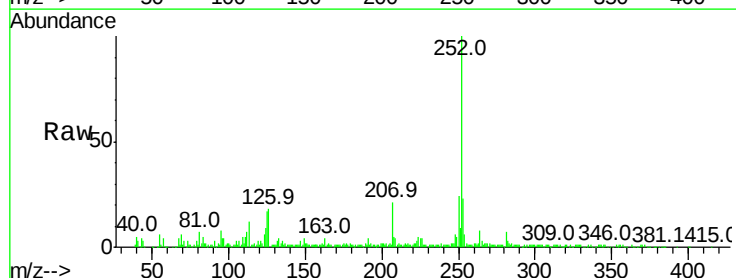
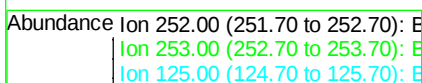
RT: 25.03 min Scan# 3777

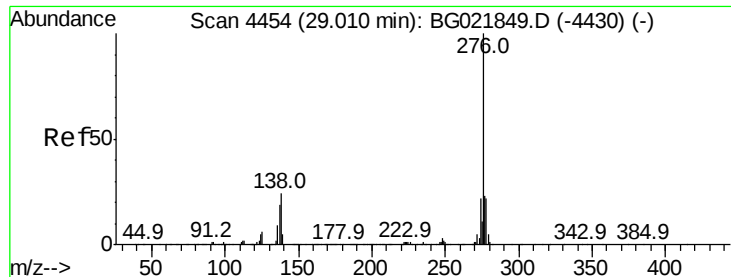
Delta R.T. 0.02 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Tgt Ion:	252	Resp:	156846
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	17.0	8.2	12.2#





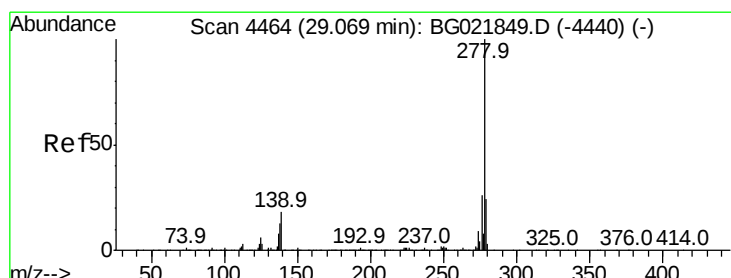
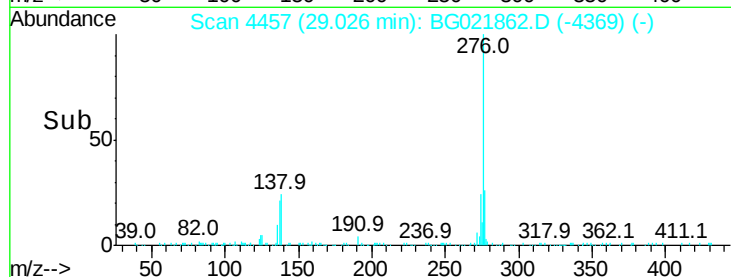
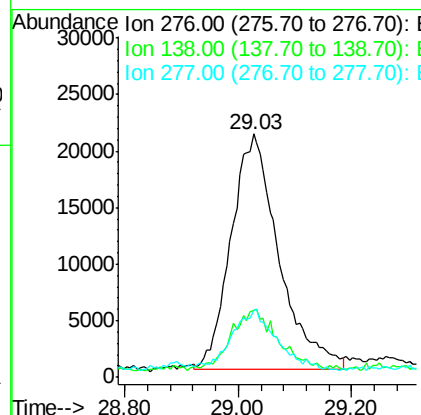
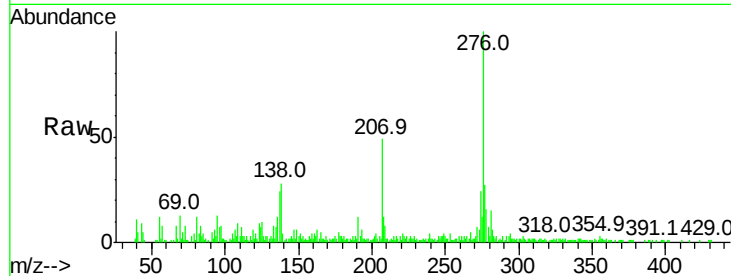
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 4.41 ng/ul m
 RT: 29.03 min Scan# 4457
 Delta R.T. 0.02 min
 Lab File: BG021862.D
 Acq: 12 May 2016 3:02

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	122552		
138	27.6	15.8	23.6#	
277	27.3	19.0	28.6	

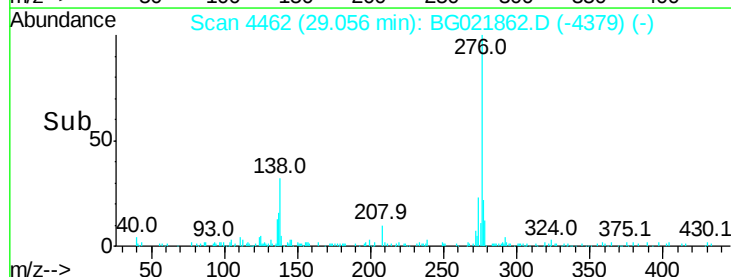
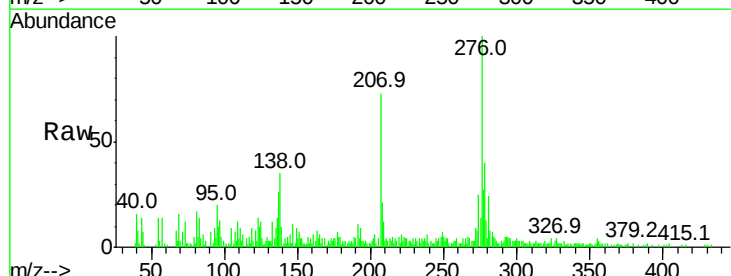
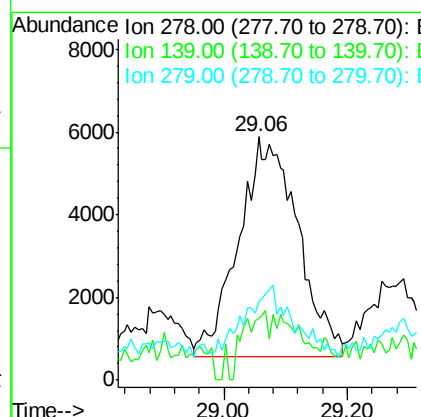
Manual Integrations
 APPROVED

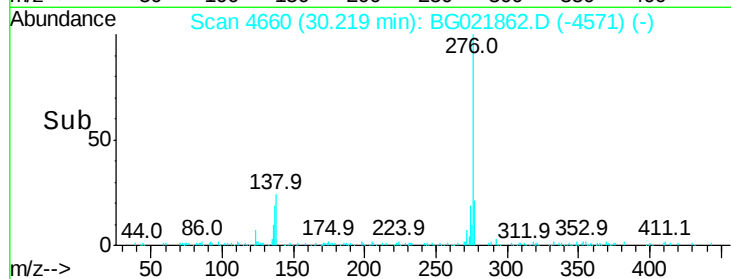
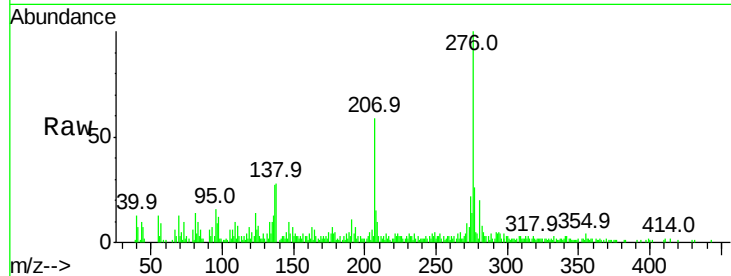
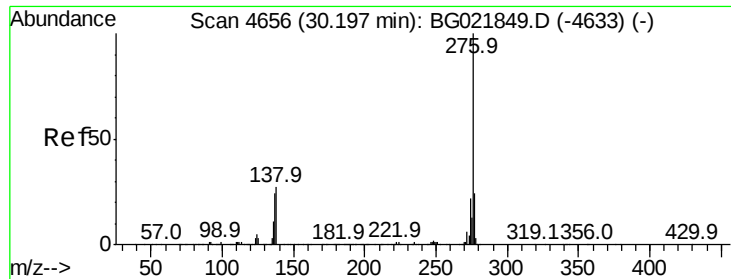
sohil
 5/12/2016 7:26:42 PM



#91
 Dibenzo(a,h)anthracene
 Concen: 1.52 ng/ul m
 RT: 29.06 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: BG021862.D
 Acq: 12 May 2016 3:02

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	35261		
139	25.5	12.1	18.1#	
279	32.1	19.8	29.8#	





#92

Benzo(a,h,i)perylene

Concen: 2.22 ng/ul

RT: 30.22 min Scan# 4660

Delta R.T. 0.02 min

Lab File: BG021862.D

Acq: 12 May 2016 3:02

Instrument :

BNA_G

ClientSampleId :

D9WJ7

Tot Ion: 276 Resp: 50860

Ion Ratio Lower Upper

276 100

138 28.1 13.9 20.9#

277 25.9 19.8 29.6

Manual Integrations
APPROVED

sohil
5/12/2016 7:26:42 PM

