

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021909.D
 Acq On : 16 May 2016 16:45
 Operator : UM/SJ
 Sample : H3095-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF4

Manual Integrations
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Quant Time: May 17 01:30:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	370071	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	226067	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	498228	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	495260	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	495141	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5246	3.40	ng/uL	0.00
5) Phenol-d5	7.31	99	113991	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	59807	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	108002	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	69844	15.04	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	58244	23.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	63639	41.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	112537	25.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	83421m	17.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	370685	23.34	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	502323	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	53943m	19.82	ng/ul	0.00
58) Fluorene-d10	15.78	176	349957	20.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	51953	37.64	ng/ul	0.00
71) Anthracene-d10	17.63	188	504030	20.78	ng/ul	0.00
77) Pyrene-d10	19.91	212	538288m	23.22	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	508677	21.62	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.23	163	124677	7.71	ng/ul	99
69) Pentachlorophenol	17.18	266	3497	1.52	ng/ul	99
70) Phenanthrene	17.57	178	55560	2.04	ng/ul	100
75) Fluoranthene	19.57	202	121833	3.94	ng/ul#	95
78) Pyrene	19.94	202	99645	3.48	ng/ul	96
79) Butylbenzylphthalate	20.80	149	11097m	1.75	ng/ul	
81) Benzo(a)anthracene	21.79	228	61183	2.22	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.68	149	364111	35.21	ng/ul	96
83) Chrysene	21.86	228	62244	2.28	ng/ul	95
86) Benzo(b)fluoranthene	24.09	252	99293	3.50	ng/ul#	92
87) Benzo(k)fluoranthene	24.14	252	35170m	1.16	ng/ul	
89) Benzo(a)pyrene	24.99	252	66734	2.37	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.96	276	49283m	1.47	ng/ul	
92) Benzo(g,h,i)perylene	30.14	276	45771m	1.66	ng/ul	

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

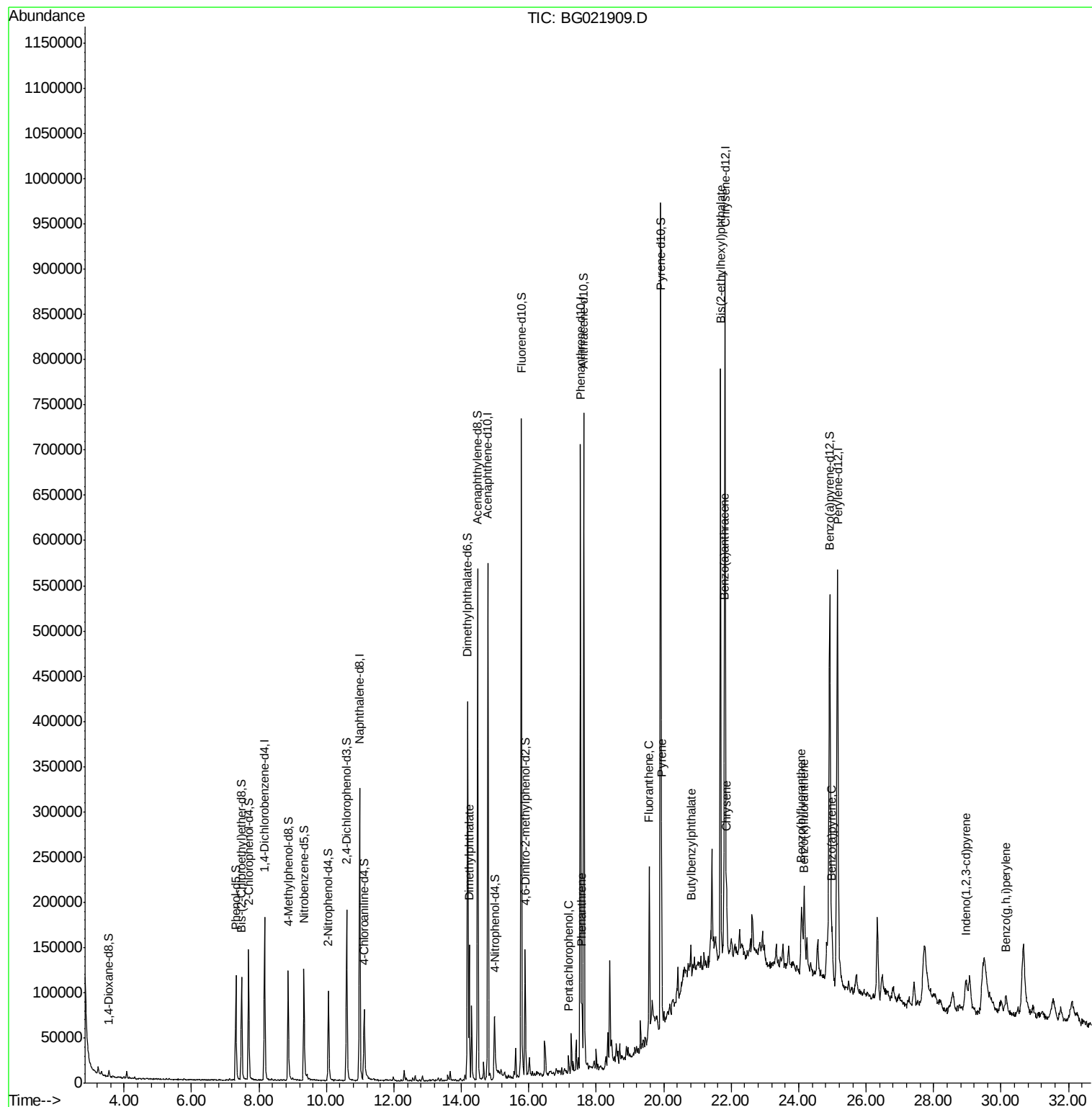
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021909.D
Acq On : 16 May 2016 16:45
Operator : UM/SJ
Sample : H3095-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

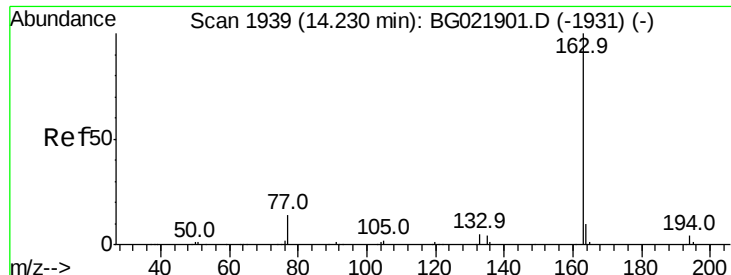
Instrument :
BNA_G
ClientSampleId :
D9XF4

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Quant Time: May 17 01:30:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration





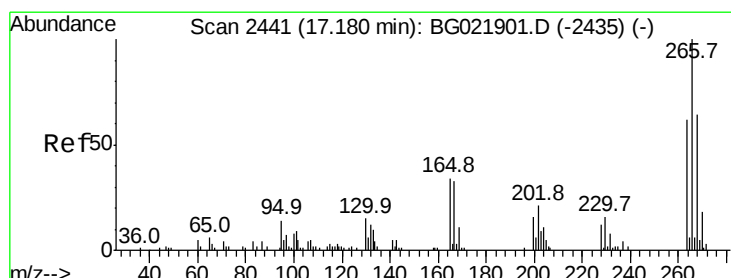
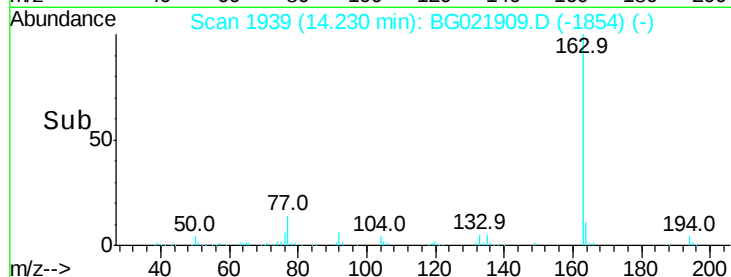
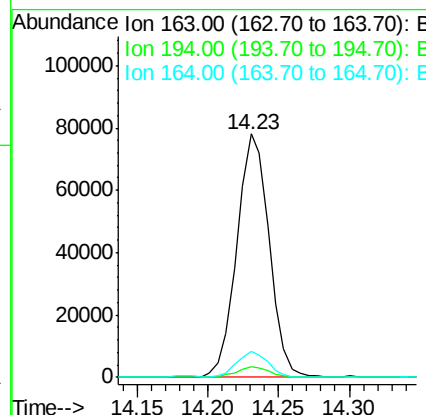
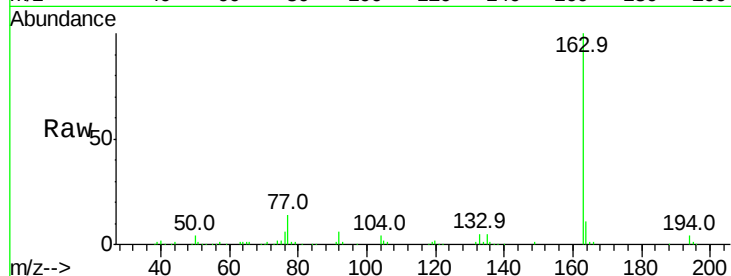
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Dimethylphthalate
Concen: 7.71 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Instrument :
BNA_G
ClientSampled :
D9XF4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	124677		
194	4.3		3.9	5.9
164	10.6		8.7	13.1

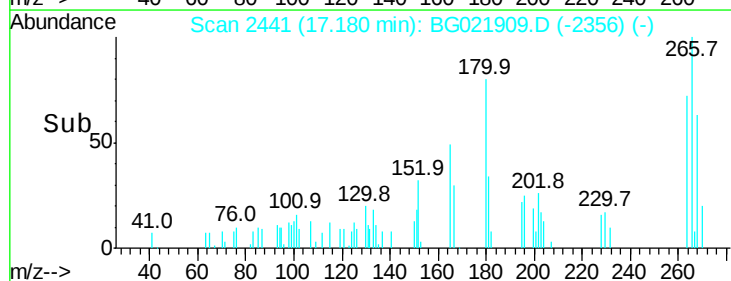
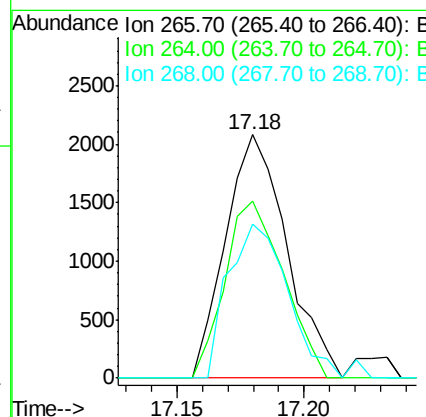
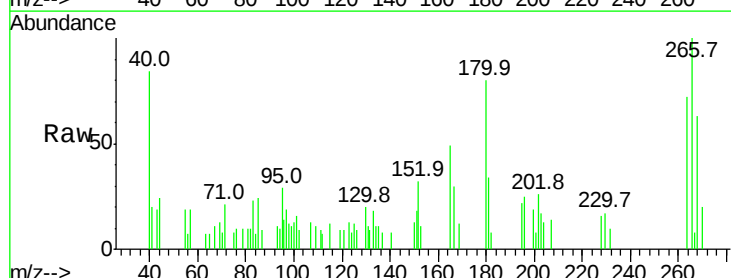
Manual Integrations
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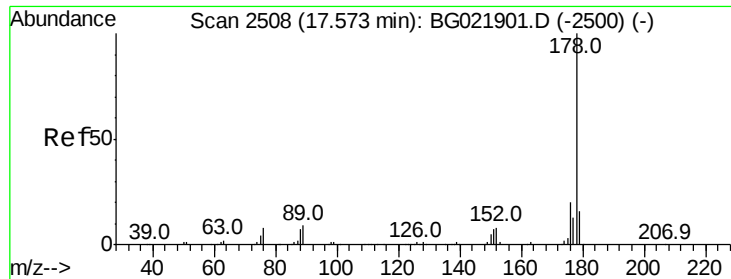
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#69
Pentachlorophenol
Concen: 1.52 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3497		
264	72.5		56.7	85.1
268	63.1		50.6	76.0





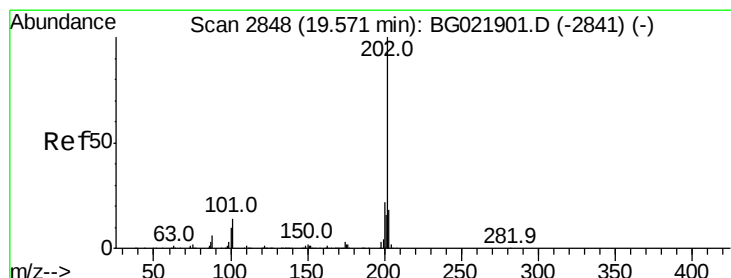
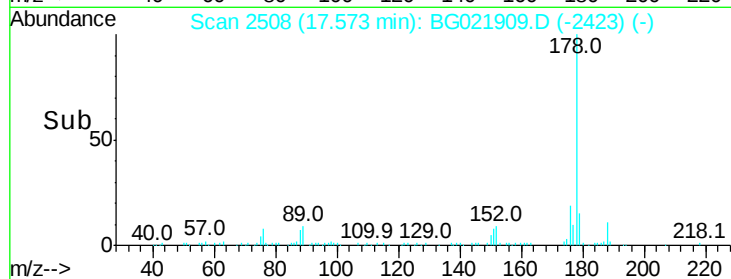
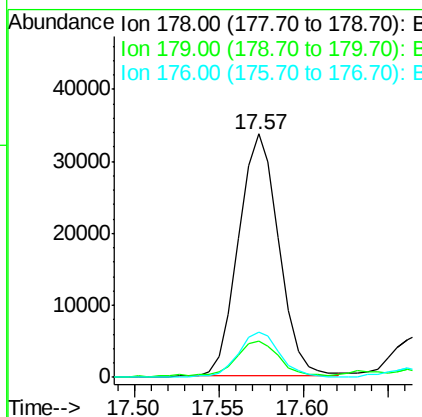
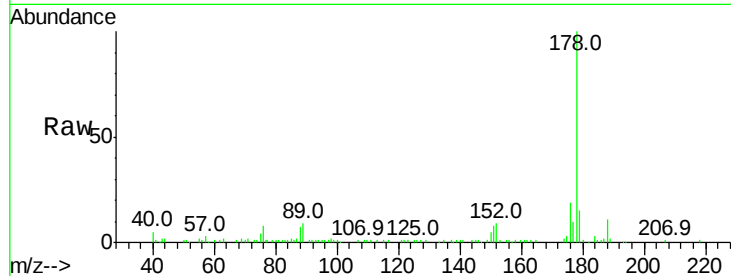
#70
 Phenanthrene
 Concen: 2.04 ng/ul
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG021909.D
 Acq: 16 May 2016 16:45

Instrument :
 BNA_G
 ClientSampleId :
 D9XF4

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	18.7	14.8	22.2

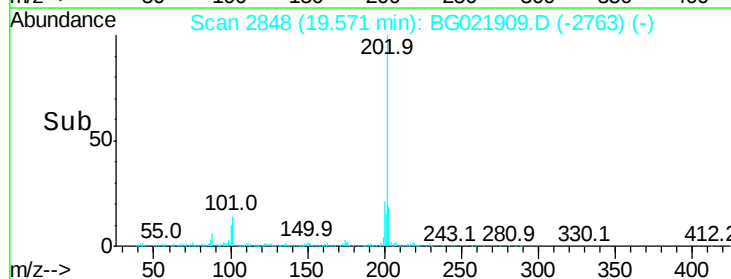
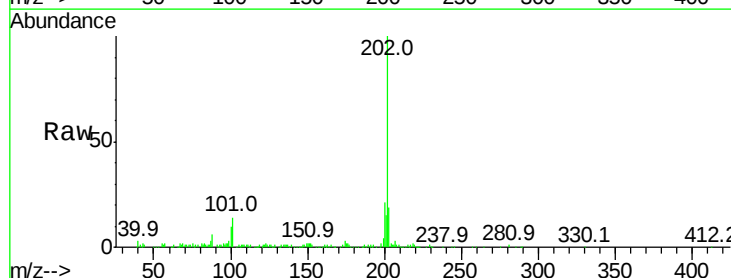
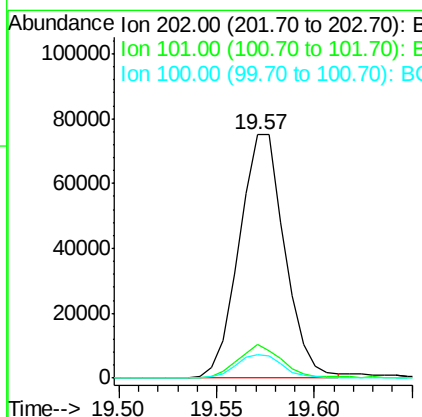
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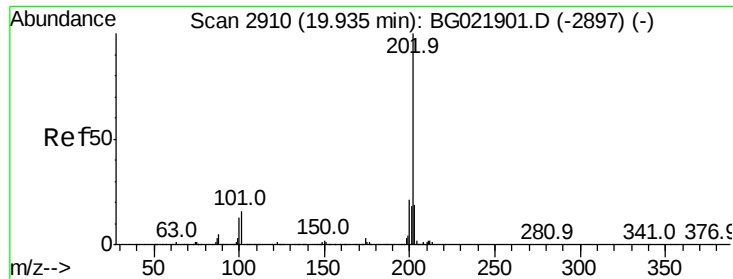
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#75
 Fluoranthene
 Concen: 3.94 ng/ul
 RT: 19.57 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG021909.D
 Acq: 16 May 2016 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	8.9	13.3#
100	9.9	7.0	10.4





#78

Pvrene

Concen: 3.48 ng/ul

RT: 19.94 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

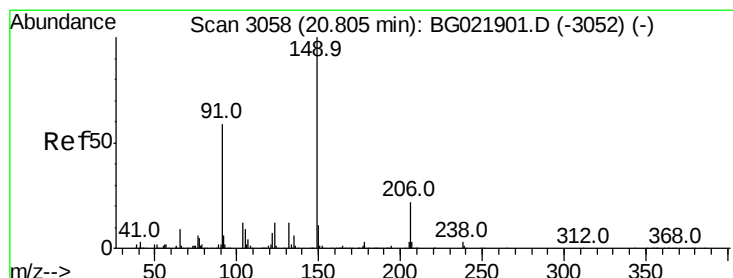
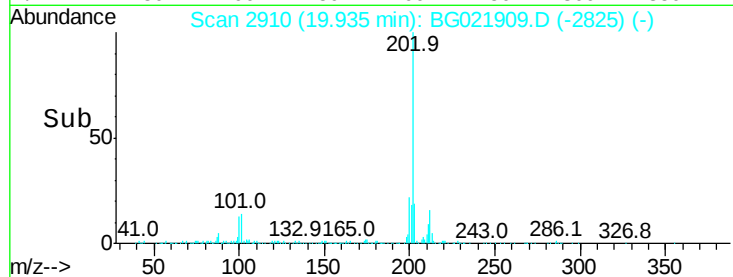
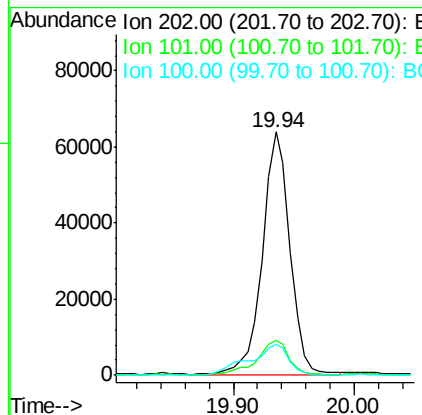
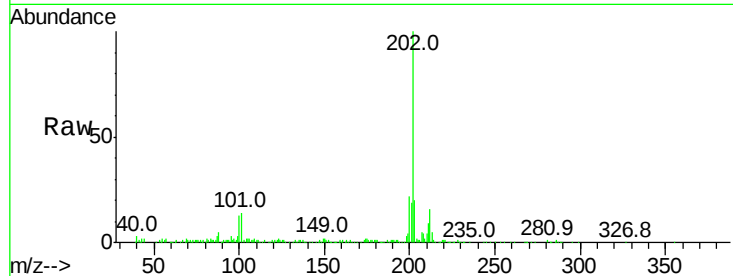
ClientSampleId :

D9XF4

Tot Ion:	202	Resp:	99645
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.8	14.8
100	12.7	9.3	13.9

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#79

Butylbenzylphthalate

Concen: 1.75 ng/ul m

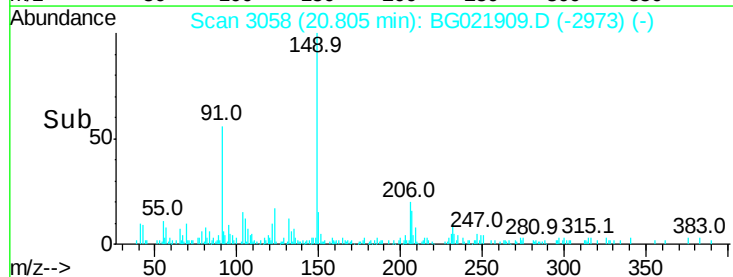
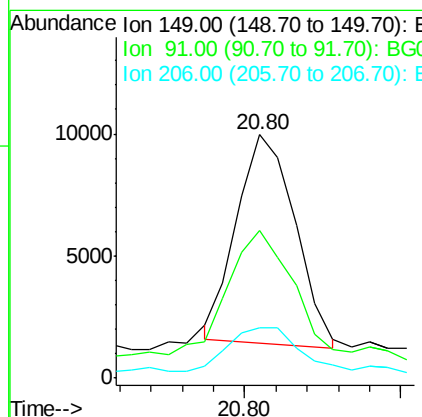
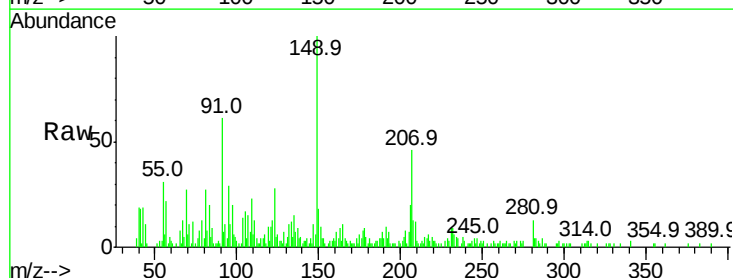
RT: 20.80 min Scan# 3058

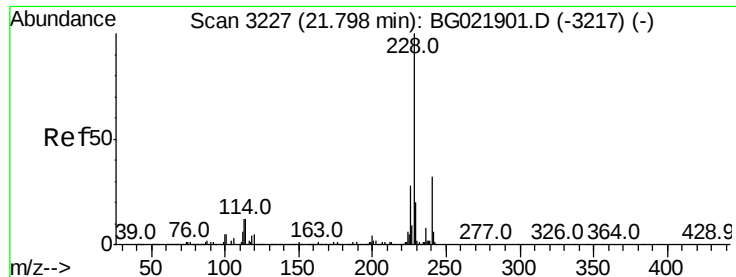
Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Tgt Ion:	149	Resp:	11097
Ion Ratio	Lower	Upper	
149	100		
91	60.7	65.8	98.8#
206	20.5	15.5	23.3





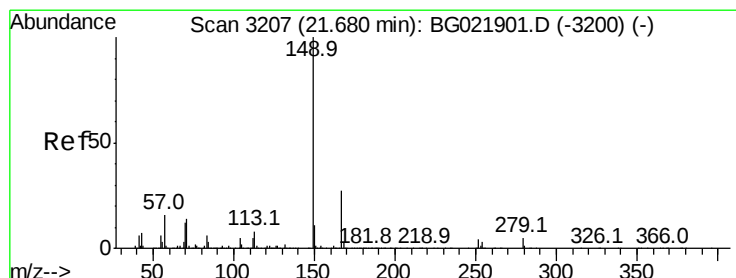
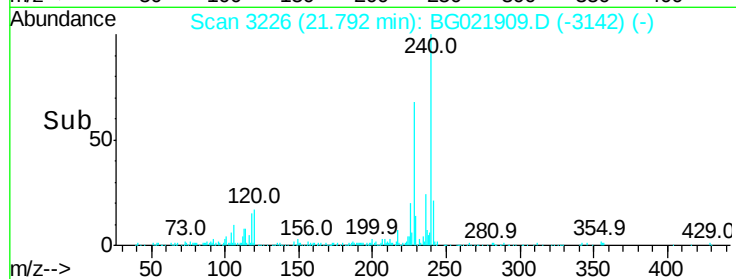
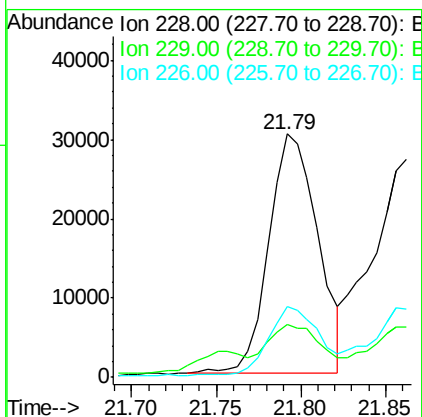
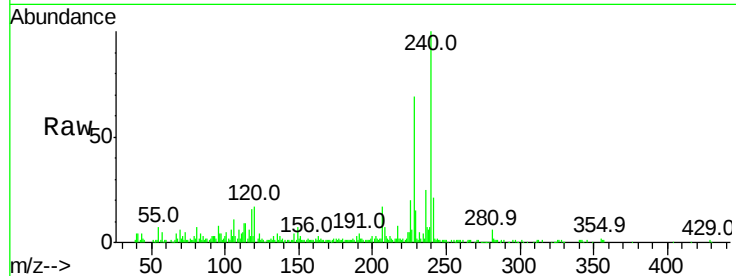
#81
Benzo(a)anthracene
Concen: 2.22 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Instrument :
BNA_G
ClientSampleId :
D9XF4

Tot Ion:	228	Resp:	61183
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.6	25.0
226	29.3	21.0	31.4

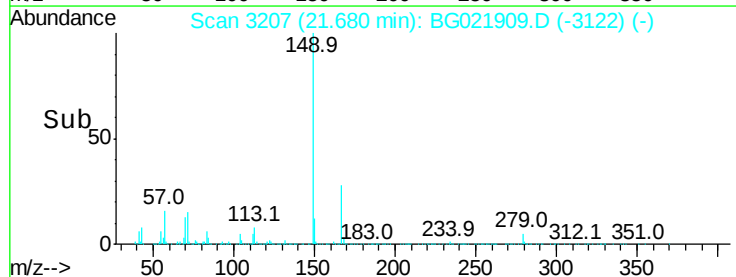
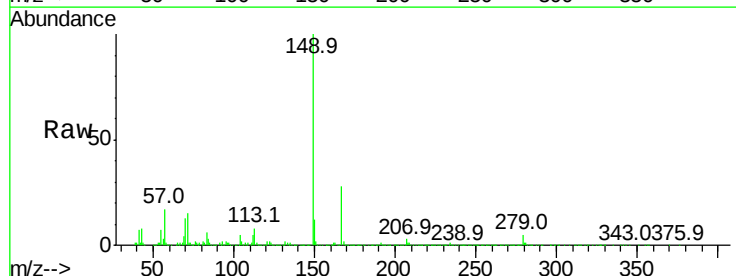
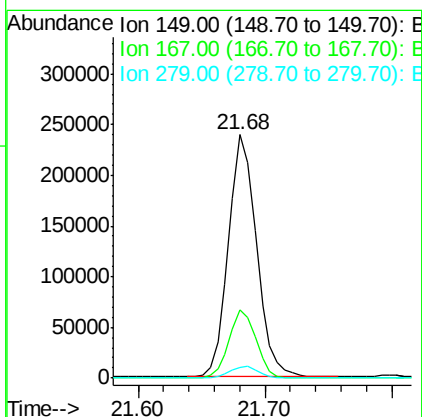
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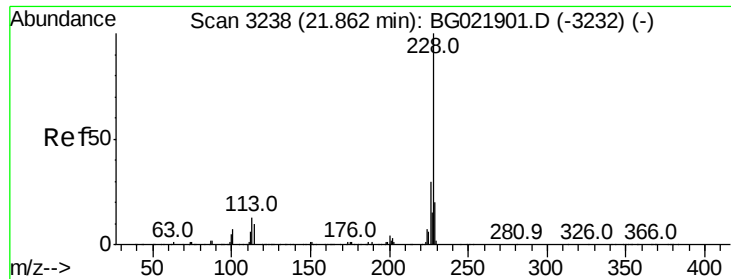
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#82
Bis(2-ethylhexyl)phthalate
Concen: 35.21 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Tgt Ion:	149	Resp:	364111
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.5	30.7
279	4.6	3.7	5.5





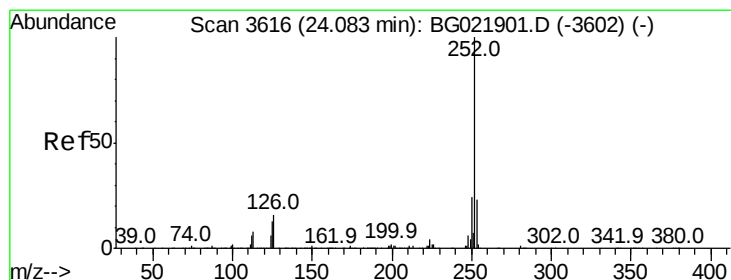
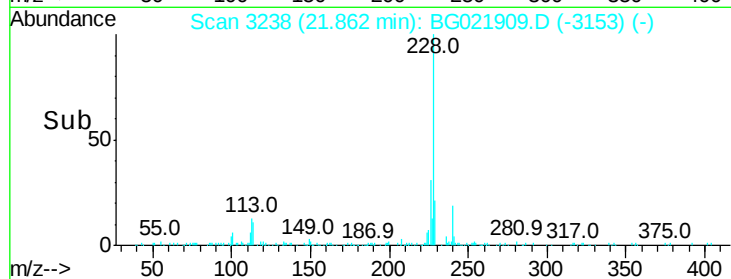
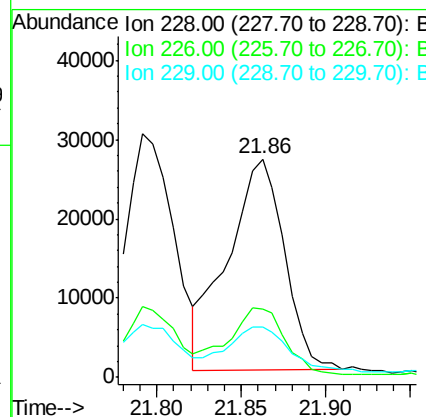
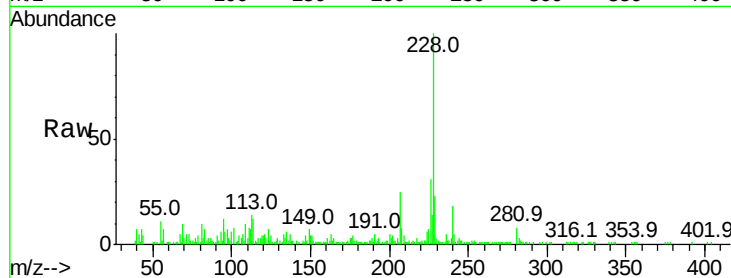
#83
Chrysene
Concen: 2.28 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Instrument :
BNA_G
ClientSampleId :
D9XF4

Tot Ion:	228	Resp:	62244
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.2
229	23.1	16.2	24.2

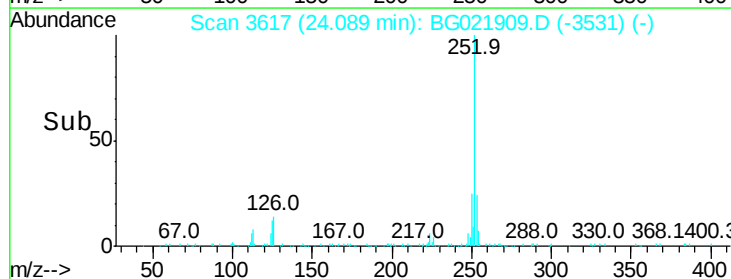
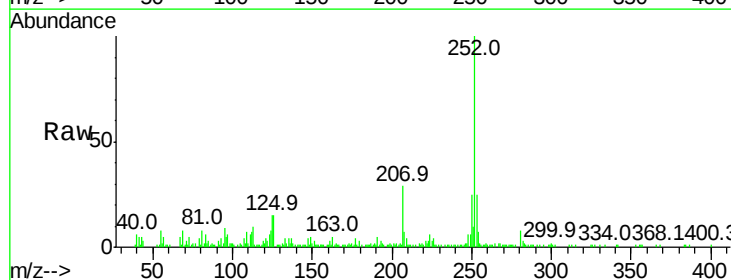
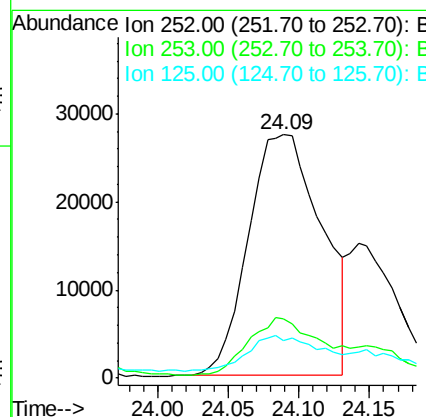
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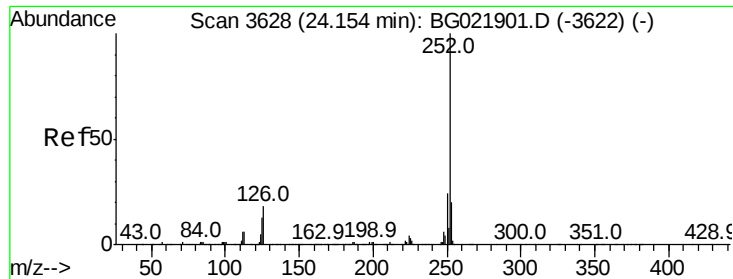
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#86
Benzo(b)fluoranthene
Concen: 3.50 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG021909.D
Acq: 16 May 2016 16:45

Tgt Ion:	252	Resp:	99293
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.1	27.1
125	15.5	7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 1.16 ng/ul m

RT: 24.14 min Scan# 3626

Delta R.T. -0.01 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

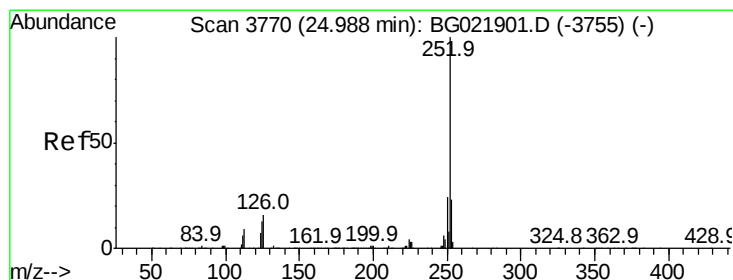
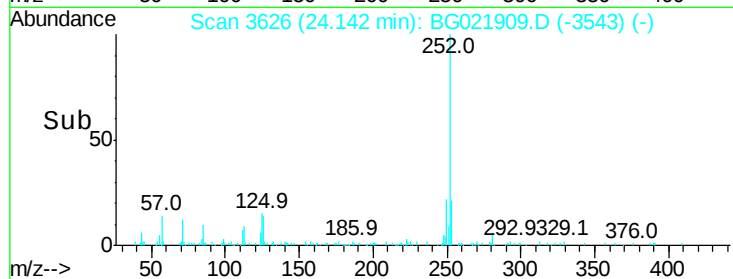
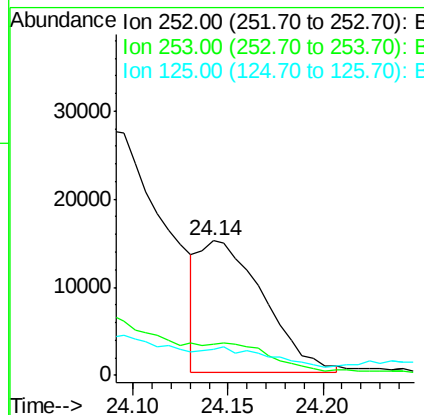
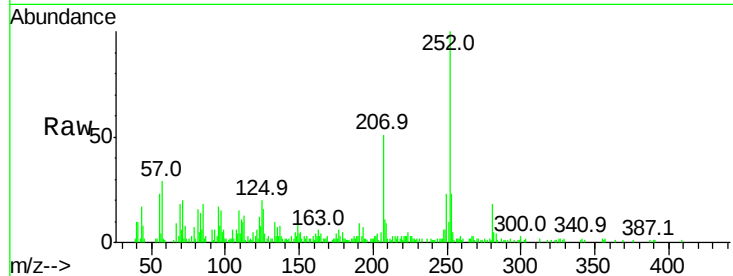
ClientSampled :

D9XF4

Tot Ion:	252	Resp:	35170
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	19.8	7.7	11.5#

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#89

Benzo(a)pyrene

Concen: 2.37 ng/ul

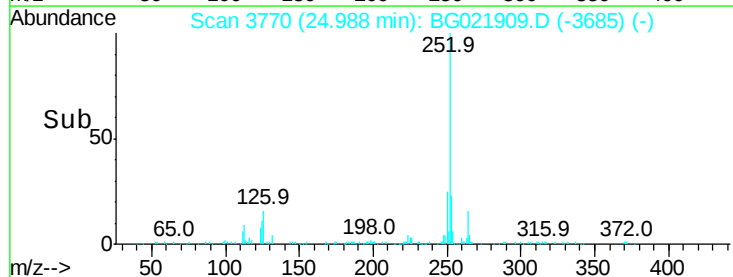
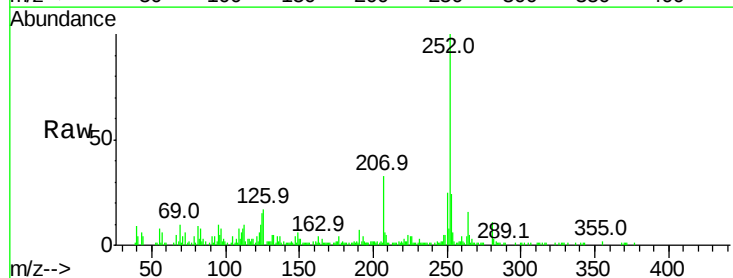
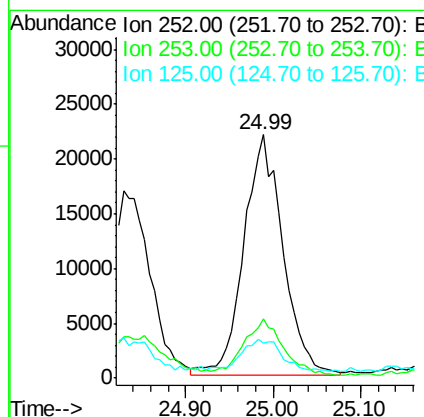
RT: 24.99 min Scan# 3770

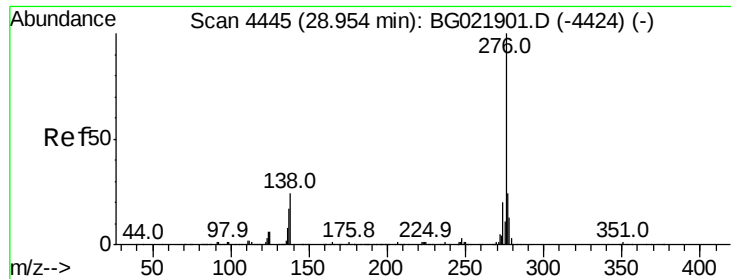
Delta R.T. -0.00 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Tgt Ion:	252	Resp:	66734
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	14.6	8.2	12.2#





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.47 ng/ul m

RT: 28.96 min Scan# 4446

Delta R.T. 0.01 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Instrument :

BNA_G

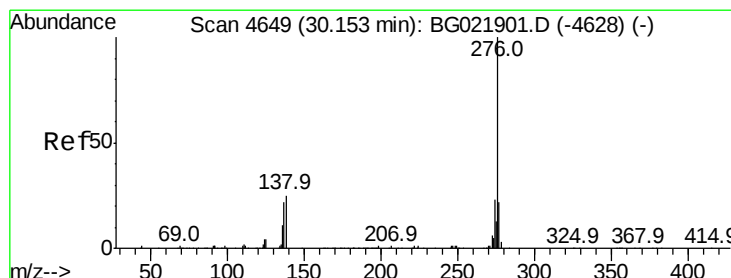
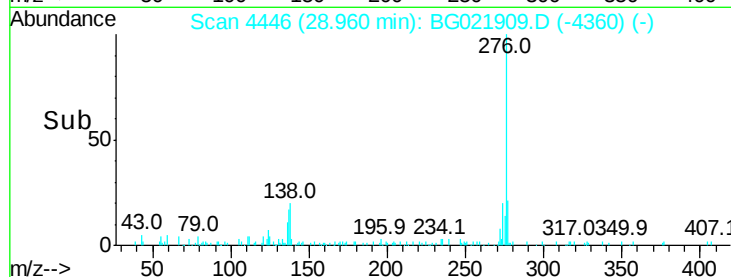
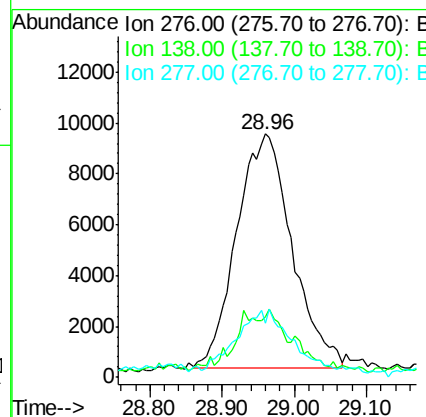
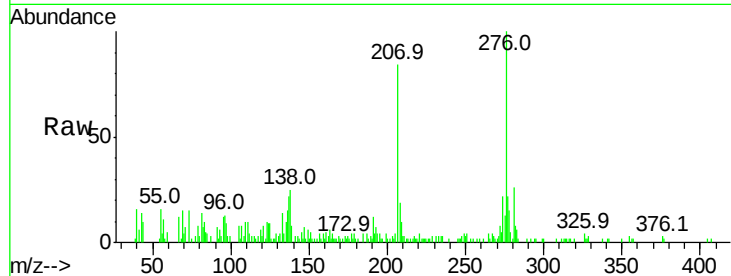
ClientSampleId :

D9XF4

Tot Ion:	276	Resp:	49283
Ion Ratio	Lower	Upper	
276	100		
138	24.9	15.8	23.6#
277	22.4	19.0	28.6

Manual Integrations
APPROVED

umangi
5/17/2016 7:19:40 PM



#92

Benzo(g,h,i)perylene

Concen: 1.66 ng/ul m

RT: 30.14 min Scan# 4647

Delta R.T. -0.01 min

Lab File: BG021909.D

Acq: 16 May 2016 16:45

Tgt Ion:	276	Resp:	45771
Ion Ratio	Lower	Upper	
276	100		
138	22.4	13.9	20.9#
277	20.6	19.8	29.6

