

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021913.D
 Acq On : 16 May 2016 19:25
 Operator : UM/SJ
 Sample : H3095-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE0

Manual Integrations
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Quant Time: May 17 01:54:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	332135	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	196116	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	402741	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	397449	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	403982	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5097	3.52	ng/uL	0.00
5) Phenol-d5	7.32	99	112475	21.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	51831	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	105919	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	85454	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	54978	25.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	60808	44.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	108791m	27.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	52728m	12.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	348111	25.27	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	477019	24.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	39061	16.54	ng/ul	0.01
58) Fluorene-d10	15.78	176	329346	22.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	38953	34.92	ng/ul	0.00
71) Anthracene-d10	17.63	188	458897	23.41	ng/ul	0.00
77) Pyrene-d10	19.91	212	487415	26.20	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	477243	24.86	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	146733	10.46	ng/ul	99
70) Phenanthrene	17.58	178	117931	5.36	ng/ul	97
74) Di-n-butylphthalate	18.48	149	51435	2.92	ng/ul#	94
75) Fluoranthene	19.58	202	377601	15.09	ng/ul#	94
78) Pyrene	19.94	202	342577m	14.90	ng/ul	
81) Benzo(a)anthracene	21.81	228	224888	10.17	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	39583	4.77	ng/ul#	93
83) Chrysene	21.87	228	250091	11.43	ng/ul	94
86) Benzo(b)fluoranthene	24.11	252	412655	17.85	ng/ul#	93
87) Benzo(k)fluoranthene	24.16	252	159919m	6.46	ng/ul	
89) Benzo(a)pyrene	25.01	252	267903	11.64	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.00	276	170118m	6.24	ng/ul	
91) Dibenzo(a,h)anthracene	29.06	278	43148m	1.90	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	151273m	6.72	ng/ul	

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

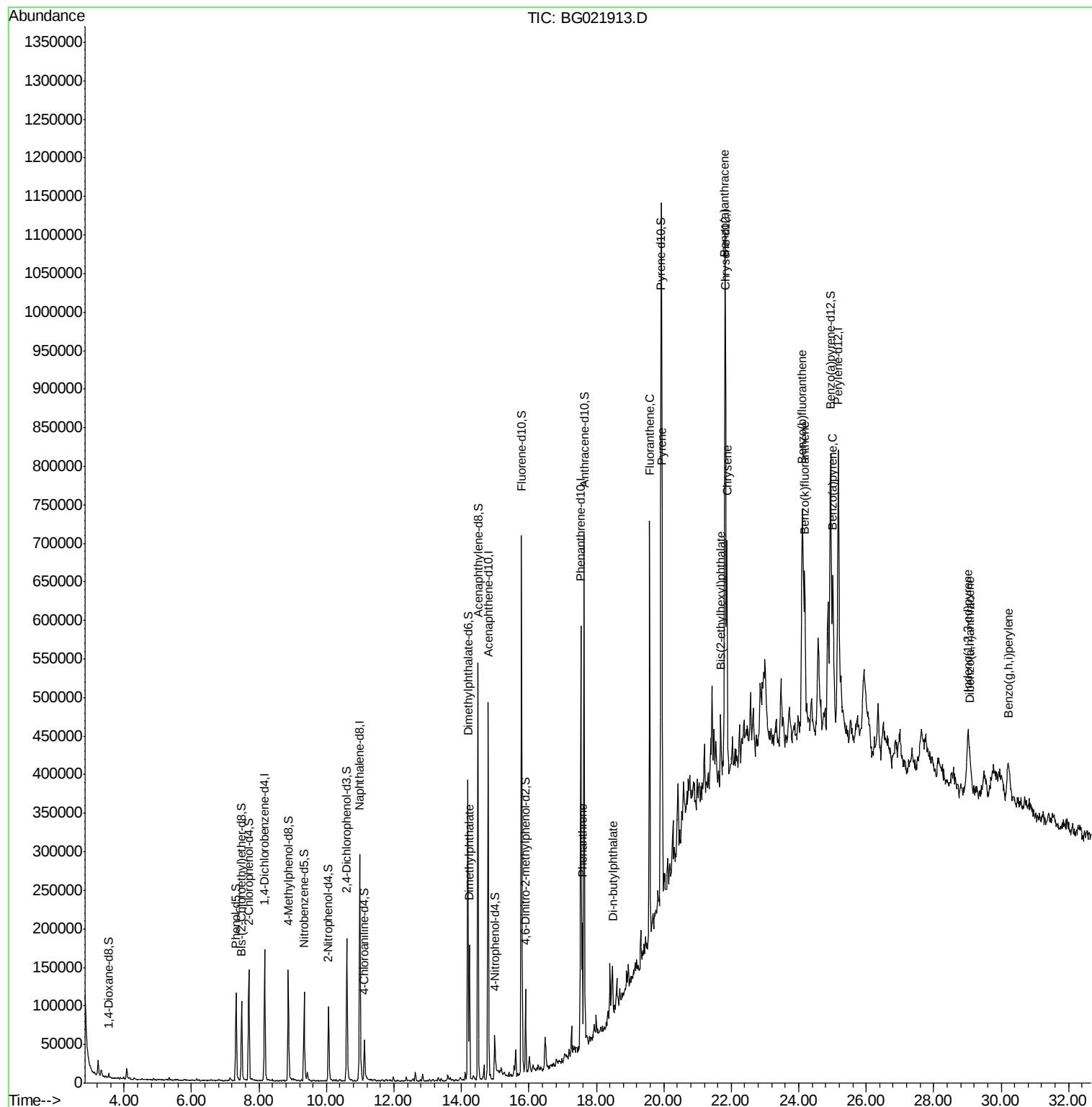
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021913.D
Acq On : 16 May 2016 19:25
Operator : UM/SJ
Sample : H3095-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

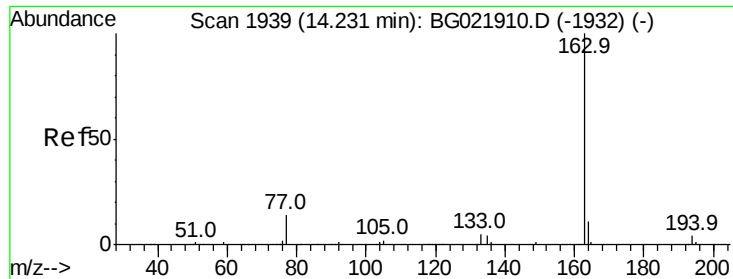
Instrument :
BNA_G
ClientSampleId :
D9XE0

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Quant Time: May 17 01:54:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





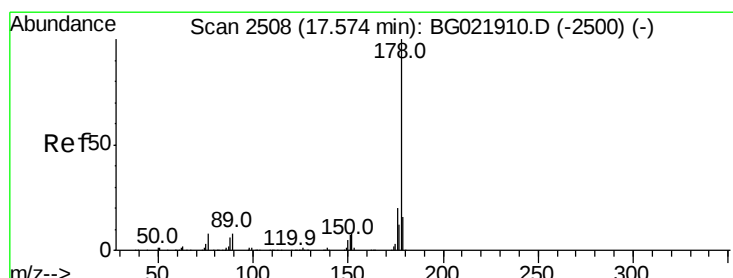
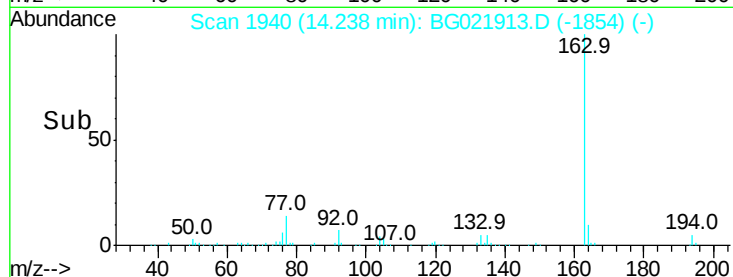
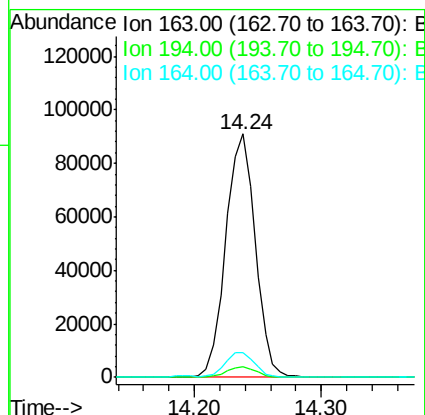
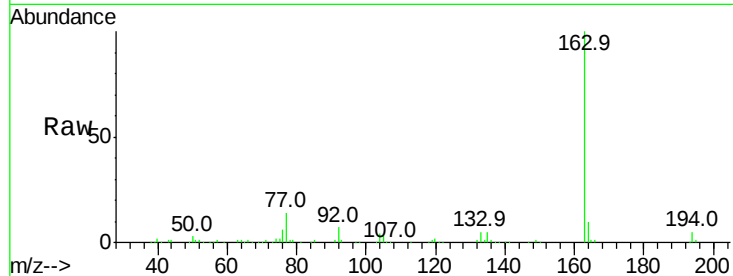
#45
Dimethylphthalate
Concen: 10.46 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Instrument :
BNA_G
ClientSampleId :
D9XE0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	146733		
194	4.5	3.9	5.9	
164	10.3	8.7	13.1	

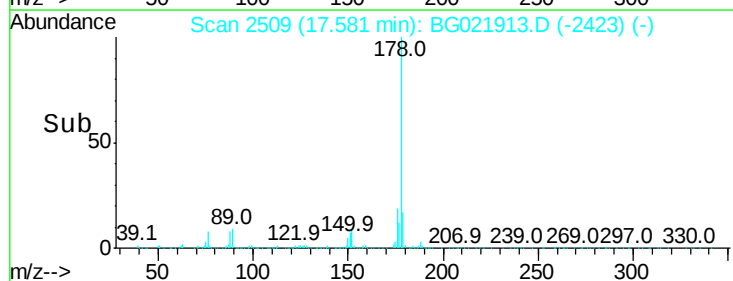
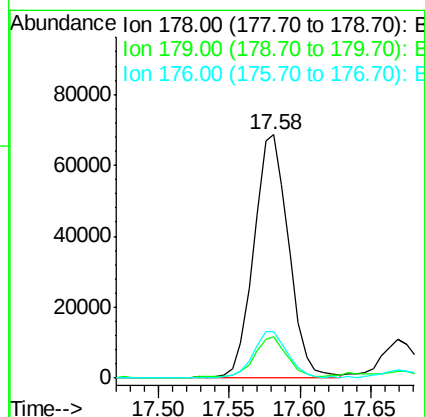
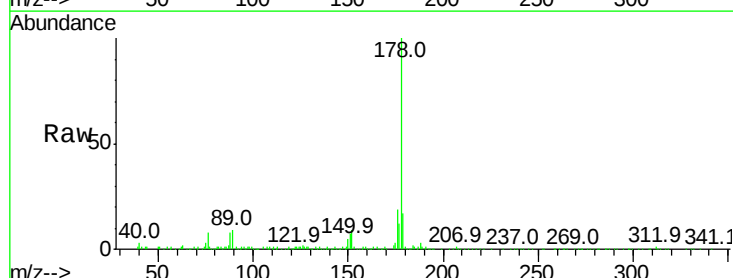
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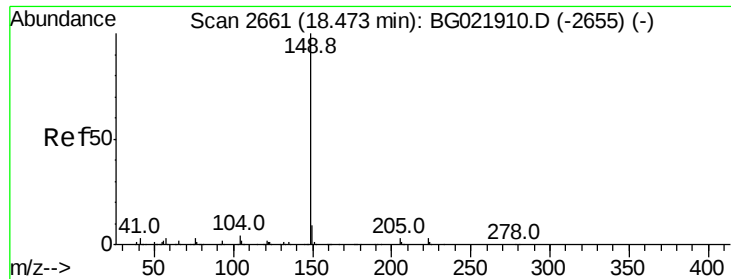
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#70
Phenanthrene
Concen: 5.36 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	117931		
179	17.0	11.8	17.8	
176	19.3	14.8	22.2	





#74

Di-n-butylphthalate

Concen: 2.92 ng/ul

RT: 18.48 min Scan# 2662

Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

BNA_G

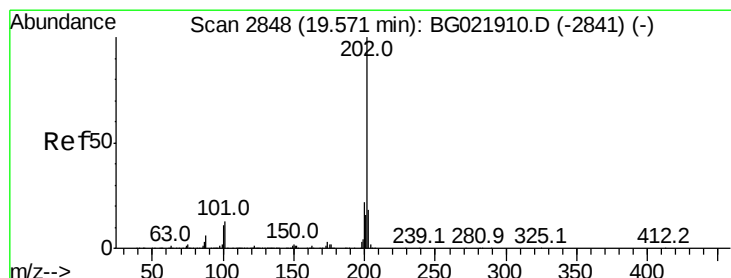
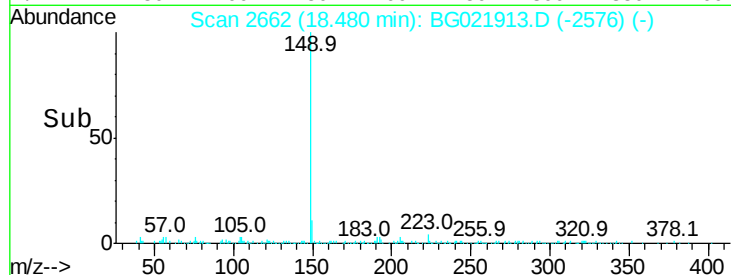
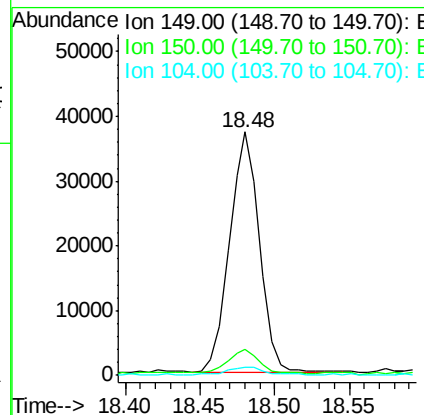
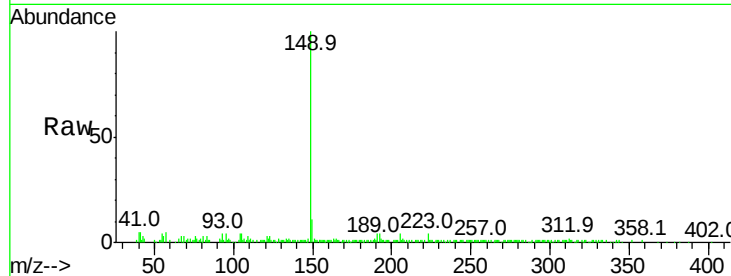
ClientSampled :

D9XE0

Tot Ion:	149	Resp:	51435
Ion Ratio	Lower	Upper	
149	100		
150	10.8	7.5	11.3
104	3.5	5.4	8.2#

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#75

Fluoranthene

Concen: 15.09 ng/ul

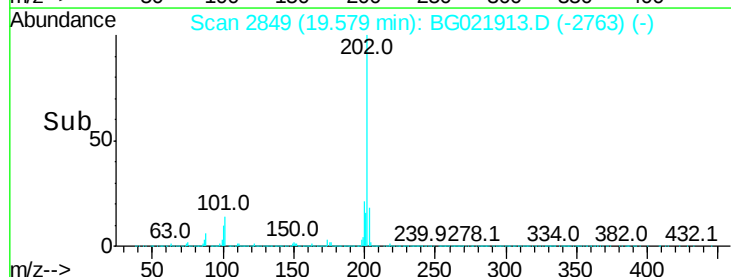
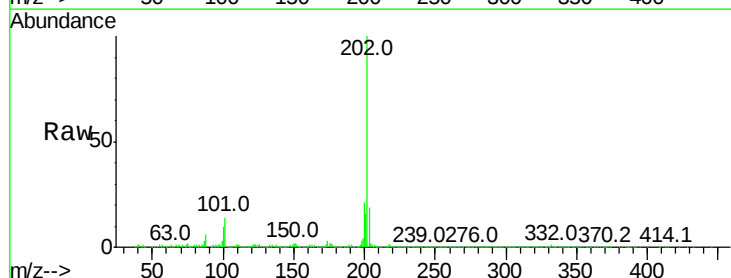
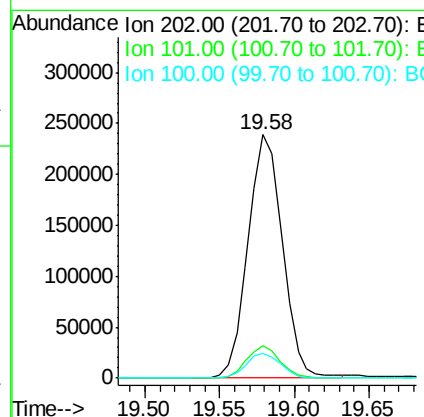
RT: 19.58 min Scan# 2849

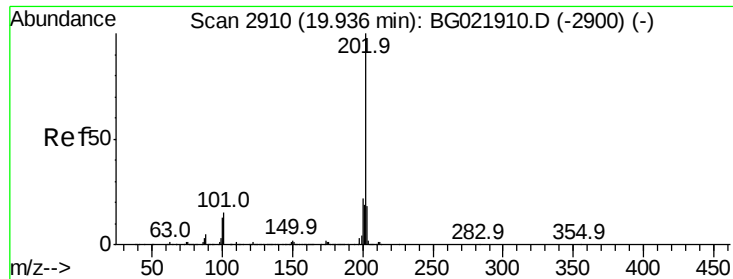
Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Tgt Ion:	202	Resp:	377601
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.9	13.3#
100	10.2	7.0	10.4





#78

Pvrene

Concen: 14.90 ng/ul m

RT: 19.94 min Scan# 2911

Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

BNA_G

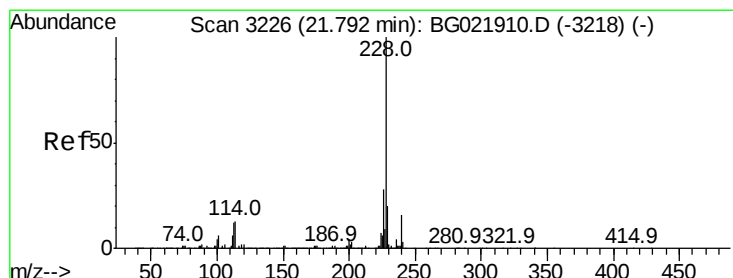
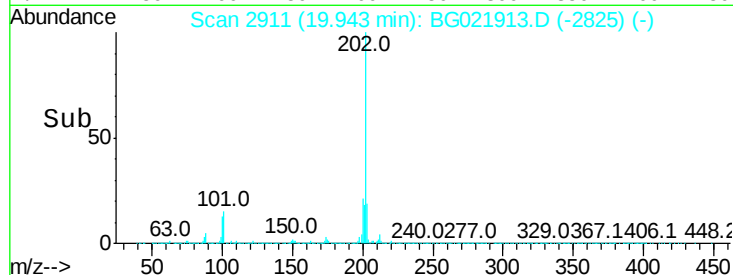
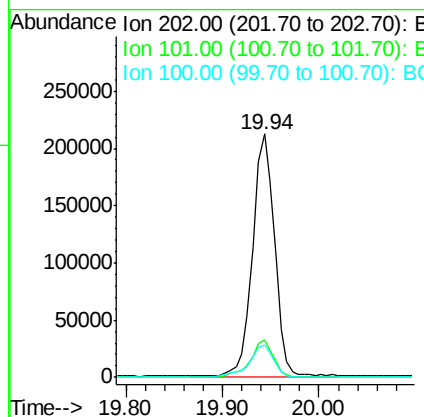
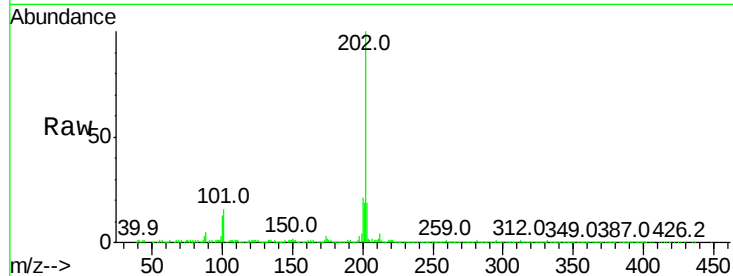
ClientSampleId :

D9XE0

Tot Ion:	202	Resp:	342577
Ion Ratio	Lower	Upper	
202	100		
101	15.6	9.8	14.8#
100	13.3	9.3	13.9

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#81

Benzo(a)anthracene

Concen: 10.17 ng/ul

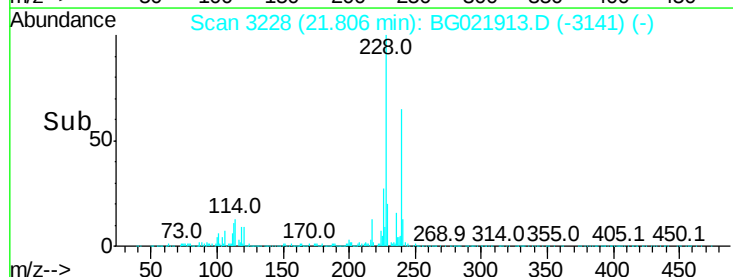
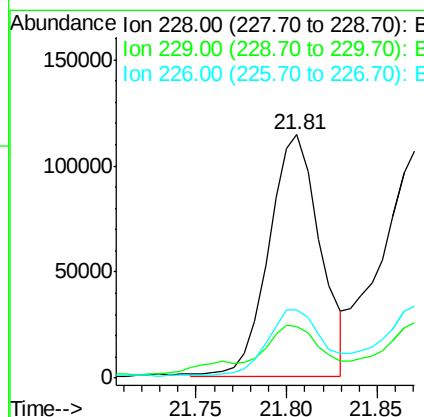
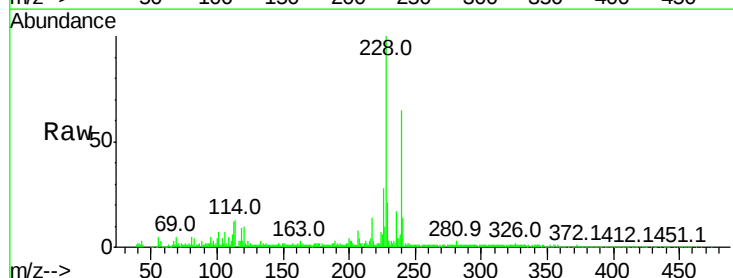
RT: 21.81 min Scan# 3228

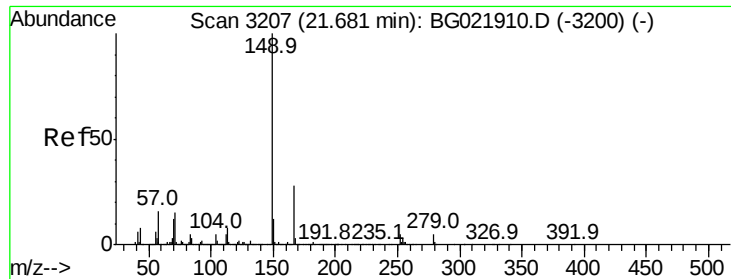
Delta R.T. 0.01 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Tgt Ion:	228	Resp:	224888
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.6	25.0
226	28.2	21.0	31.4





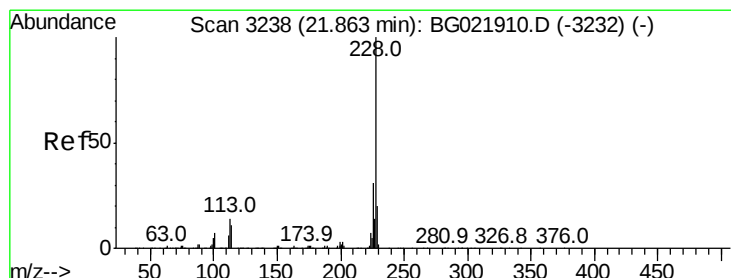
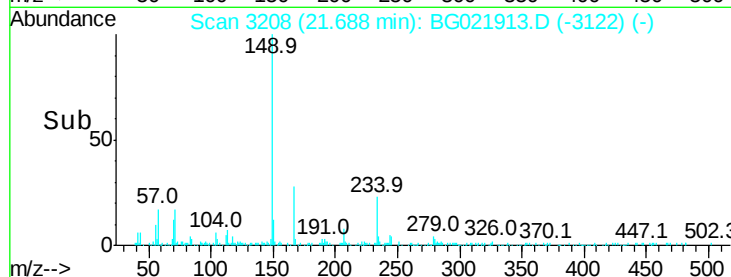
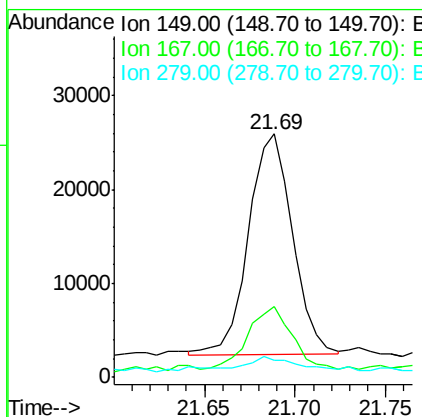
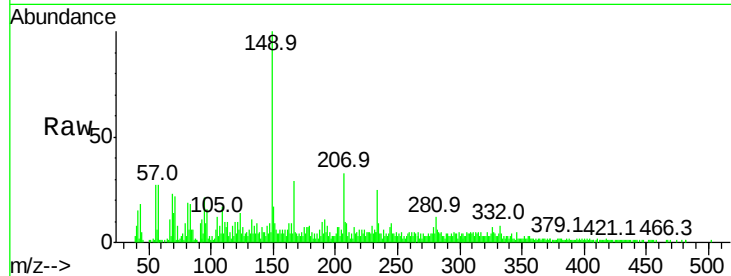
#82
 Bis(2-ethylhexyl)phthalate
 Concen: 4.77 ng/ul
 RT: 21.69 min Scan# 3208
 Delta R.T. 0.01 min
 Lab File: BG021913.D
 Acq: 16 May 2016 19:25

Instrument :
 BNA_G
 ClientSampleId :
 D9XE0

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	29.2	20.5	30.7
279	7.1	3.7	5.5

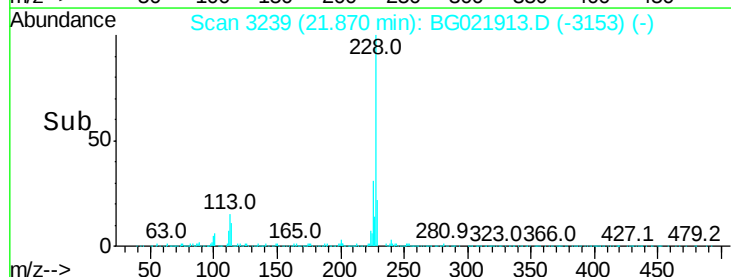
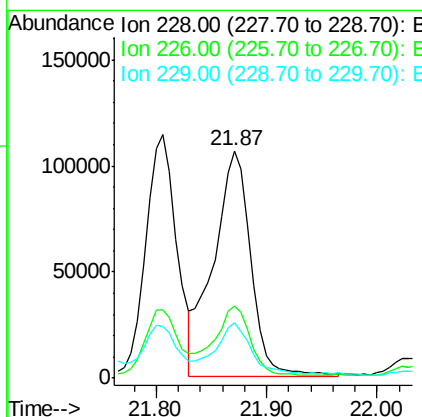
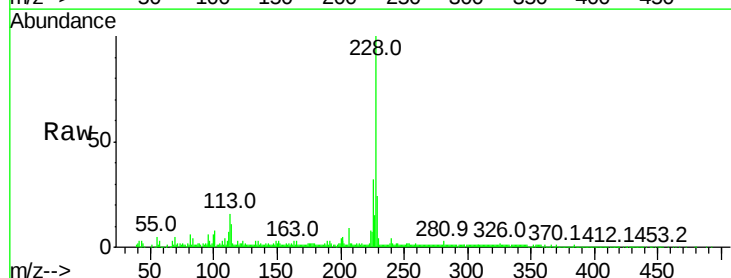
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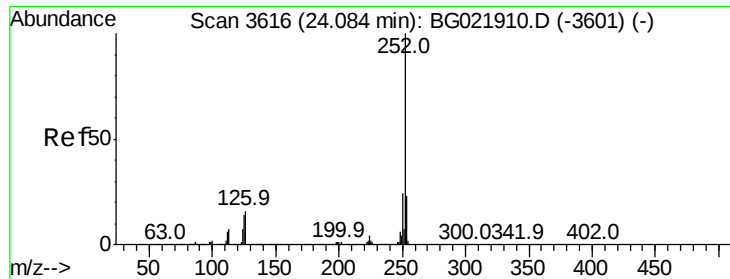
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#83
 Chrysene
 Concen: 11.43 ng/ul
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.01 min
 Lab File: BG021913.D
 Acq: 16 May 2016 19:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	23.4	35.2
229	24.2	16.2	24.2





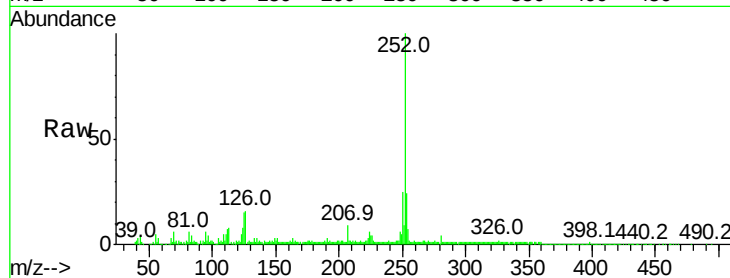
#86
Benzo(b)fluoranthene
Concen: 17.85 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.03 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Instrument :
BNA_G
ClientSampleId :
D9XE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	14.7	7.6	11.4

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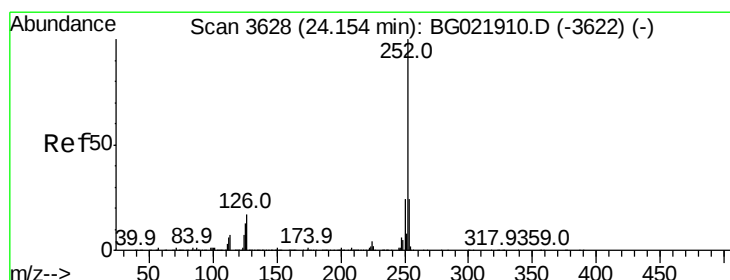
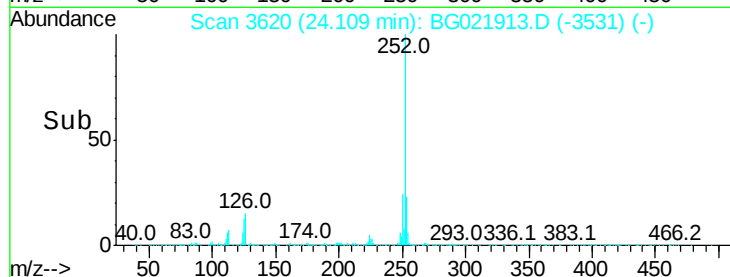
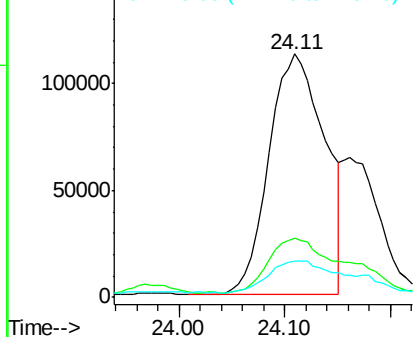


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#87
Benzo(k)fluoranthene
Concen: 6.46 ng/ul m
RT: 24.16 min Scan# 3629
Delta R.T. 0.01 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

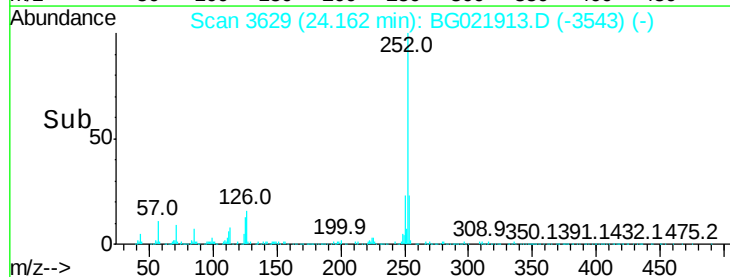
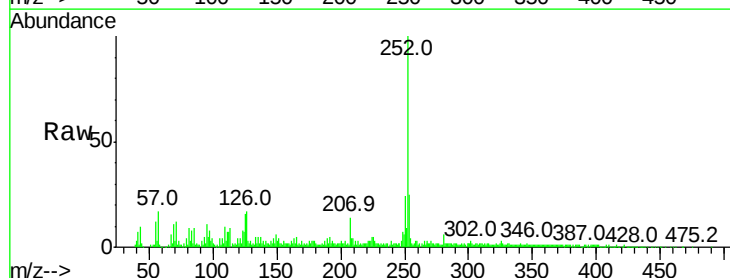
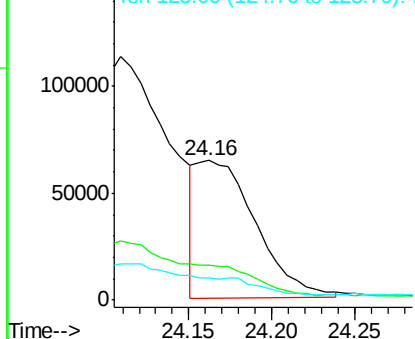
Tgt Ion	Ratio	Lower	Upper
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253	25.2	17.8	26.8
125	16.3	7.7	11.5

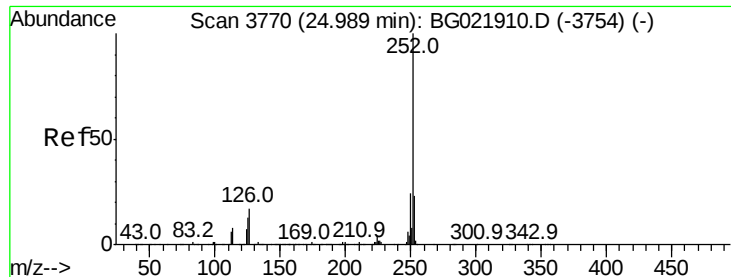
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 11.64 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. 0.03 min

Lab File: BG021913.D

Acq: 16 May 2016 19:25

Instrument :

BNA_G

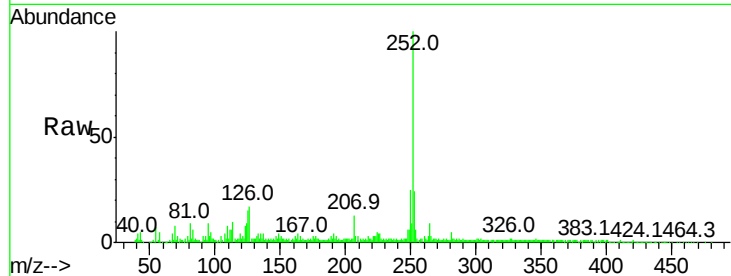
ClientSampleId :

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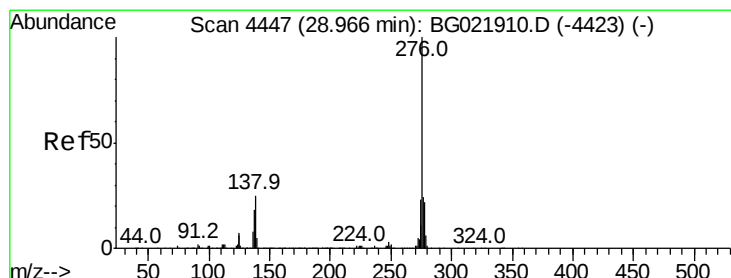
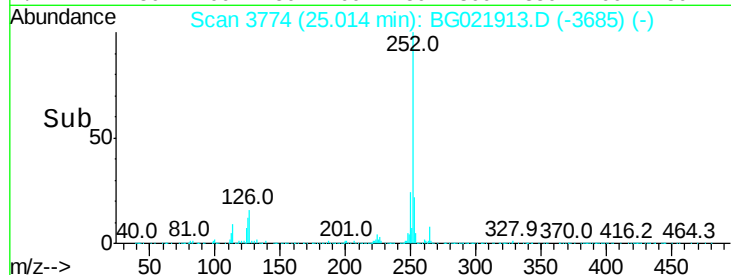
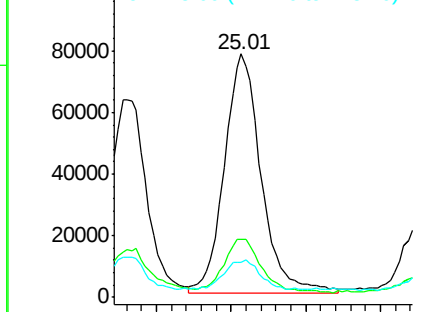
Tot Ion	Ratio	Lower	Upper
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253	24.0	17.4	26.0
125	14.6	8.2	12.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Indeno(1,2,3-cd)pyrene

Concen: 6.24 ng/ul m

RT: 29.00 min Scan# 4453

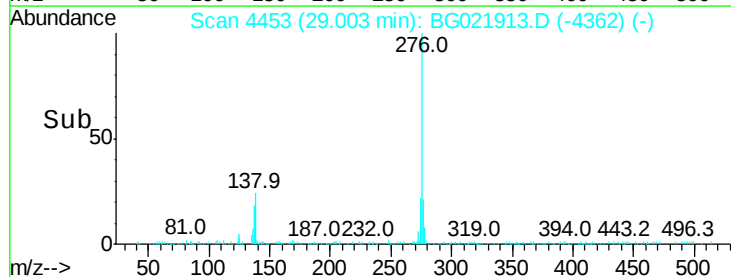
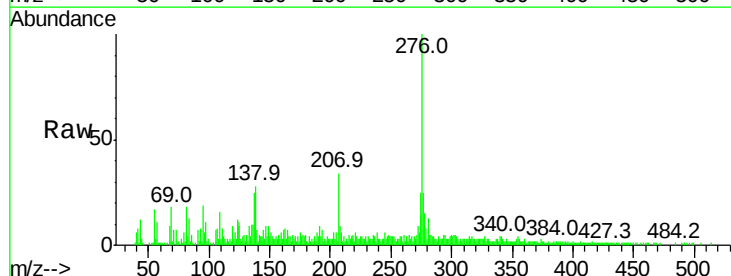
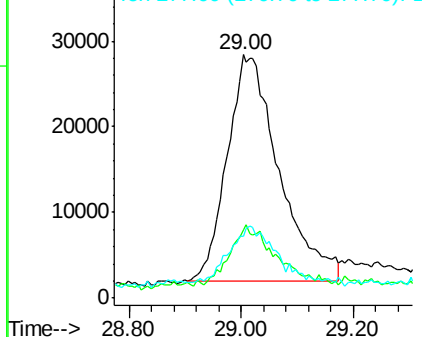
Delta R.T. 0.04 min

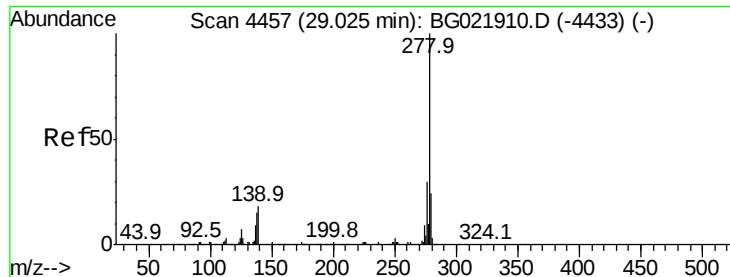
Lab File: BG021913.D

Acq: 16 May 2016 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.8	23.6
277	25.3	19.0	28.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





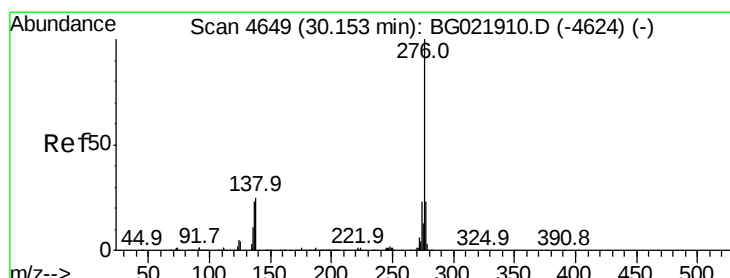
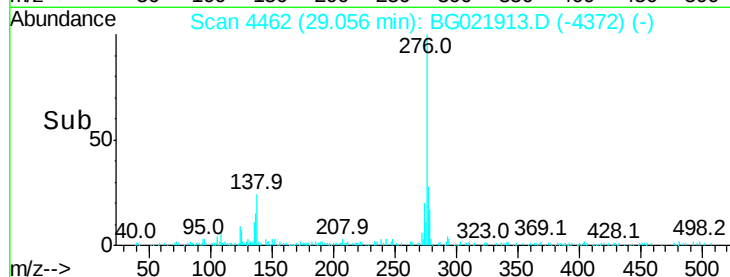
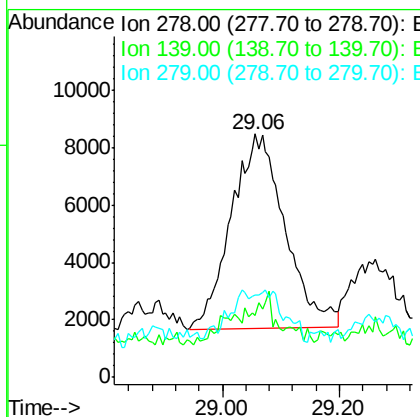
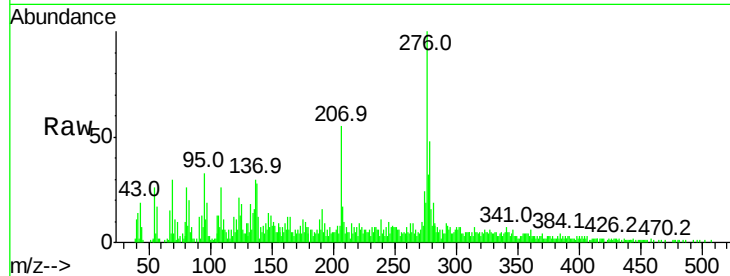
#91
Dibenzo(a,h)anthracene
Concen: 1.90 ng/ul m
RT: 29.06 min Scan# 4462
Delta R.T. 0.03 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Instrument :
BNA_G
ClientSampled :
D9XE0

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.5	12.1	18.1#
279	33.6	19.8	29.8#

Manual Integrations
APPROVED

umangi
5/17/2016 7:20:09 PM



#92
Benzo(g,h,i)perylene
Concen: 6.72 ng/ul m
RT: 30.22 min Scan# 4660
Delta R.T. 0.07 min
Lab File: BG021913.D
Acq: 16 May 2016 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	13.9	20.9#
277	29.1	19.8	29.6

