

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023631.D
 Acq On : 11 Aug 2016 20:56
 Operator : UM/SJ
 Sample : H4360-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS001-0612-01

Quant Time: Aug 12 04:35:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	145649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	619619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	419189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	977721	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	1219	20.00	ng/ul	-0.04
83) Perylene-d12	25.30	264	983181	20.00	ng/ul	0.02

System Monitoring Compounds

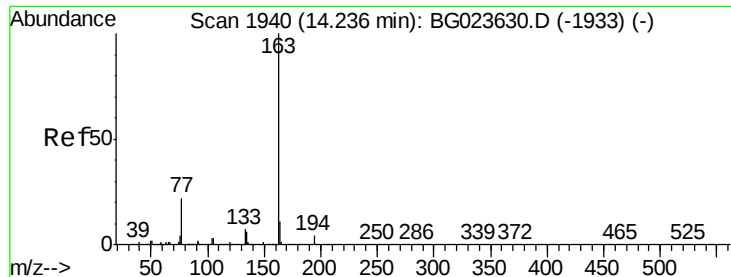
3) 1,4-Dioxane-d8	3.48	96	3142	0.92	ng/uL	0.00
5) Phenol-d5	7.29	99	135296	9.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	91335	9.72	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.65	132	95298	9.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	102606	8.96	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	49756	10.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	64175	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	107437	10.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	11922	0.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	359557	10.48	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	426440	11.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	204534	34.91	ng/ul	0.05
57) Fluorene-d10	15.79	176	325381	10.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	53125	8.47	ng/ul	0.00
70) Anthracene-d10	17.65	188	483315	10.97	ng/ul	0.00
76) Pyrene-d10	19.89	212	14041	227.55	ng/ul	-0.06
87) Benzo(a)pyrene-d12	25.06	264	504811	11.34	ng/ul	0.01

Target Compounds

					Qvalue
44) Dimethylphthalate	14.23	163	151921	4.47 ng/ul#	97
47) Acenaphthylene	14.52	152	56195	1.39 ng/ul#	79
69) Phenanthrene	17.59	178	385011	7.60 ng/ul	99
71) Anthracene	17.59	178	387660	7.50 ng/ul	99
73) Di-n-butylphthalate	18.48	149	383628	7.36 ng/ul#	91
74) Fluoranthene	19.62	202	553324	10.67 ng/ul#	92
77) Pyrene	19.98	202	825028	10948.09 ng/ul#	93
78) Butylbenzylphthalate	20.80	149	540	18.68 ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.74	252	1213	56.48 ng/ul#	1
80) Benzo(a)anthracene	21.97	228	449405	6546.42 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.72	149	26717952	695184.06 ng/ul#	52
82) Chrysene	21.97	228	449405	7199.63 ng/ul	95
84) Di-n-octyl phthalate	23.01	149	77046	1.55 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	369273	6.60 ng/ul	98
86) Benzo(k)fluoranthene	24.27	252	119015	2.16 ng/ul#	4
88) Benzo(a)pyrene	25.13	252	324724	6.01 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.17	276	190281	3.00 ng/ul#	88
91) Benzo(g,h,i)perylene	30.40	276	188141	3.58 ng/ul#	89

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

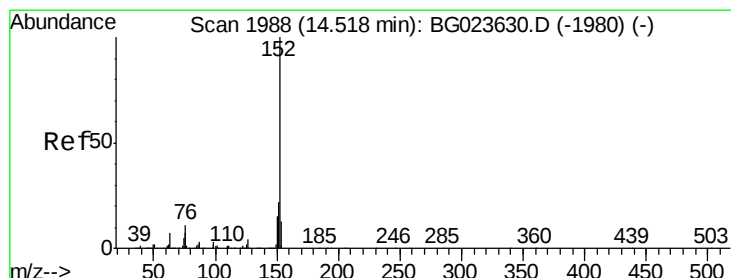
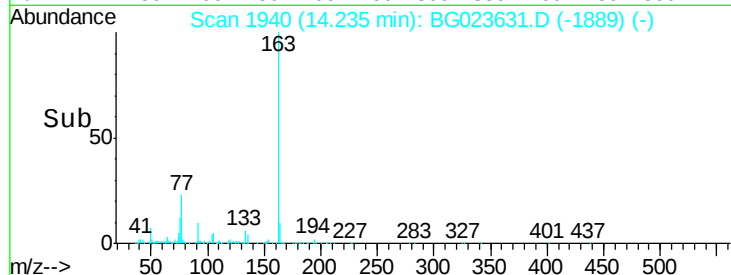
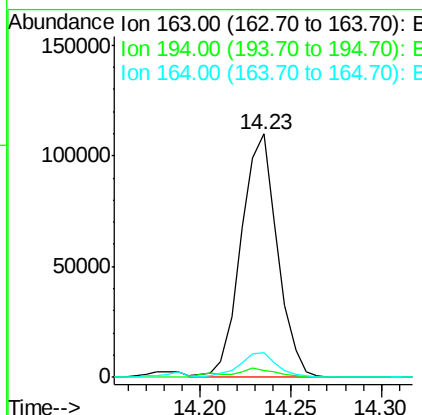
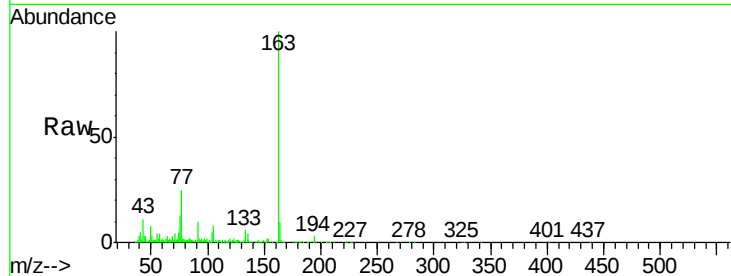
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\  
Data File : BG023631.D  
Acq On    : 11 Aug 2016   20:56  
Operator  : UM/SJ  
Sample    : H4360-03 2X  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
```



#44
Dimethylphthalate
Concen: 4.47 ng/ul
RT: 14.23 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

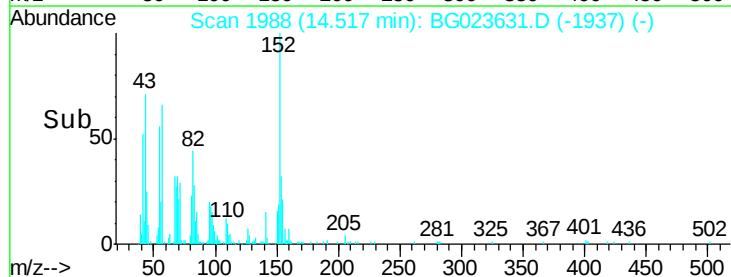
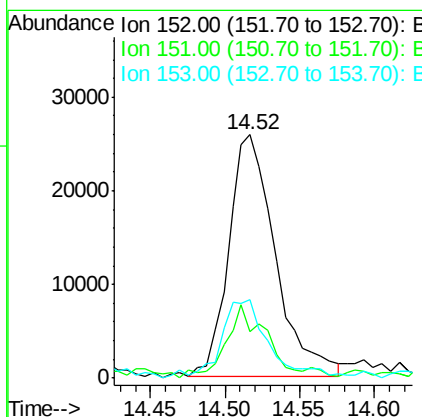
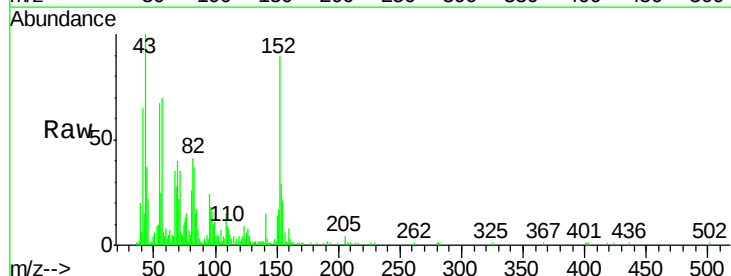
Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

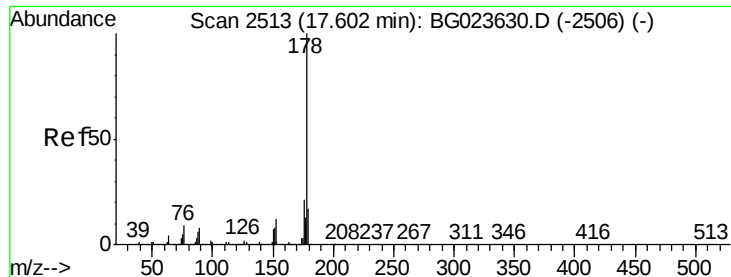
Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.5	3.4	5.2#
164	10.1	8.8	13.2



#47
Acenaphthylene
Concen: 1.39 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.5	26.3
153	32.4	11.1	16.7#





#69

Phenanthrene

Concen: 7.60 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0612-01

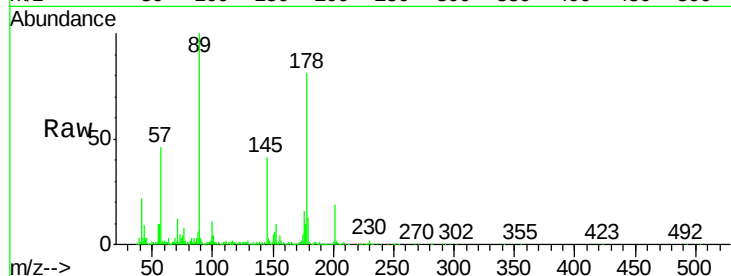
Tgt Ion:178 Resp: 385011

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

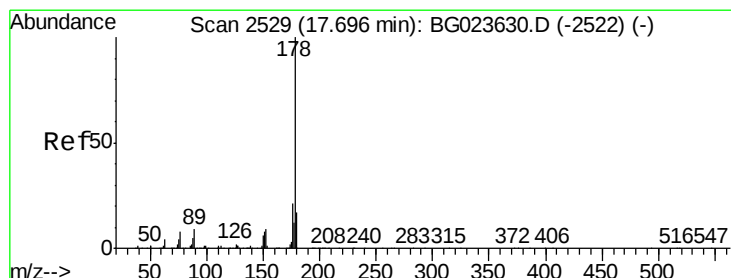
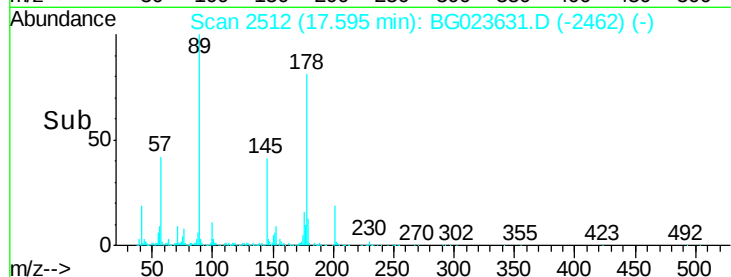
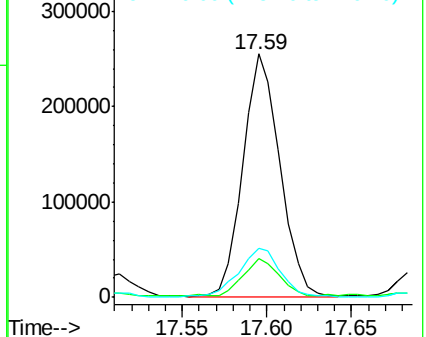
176 20.1 15.8 23.8



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



#71

Anthracene

Concen: 7.50 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.10 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

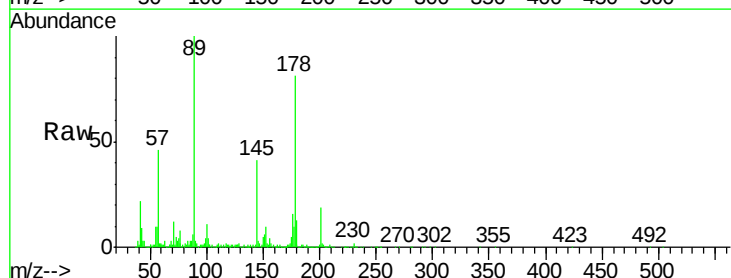
Tgt Ion:178 Resp: 387660

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

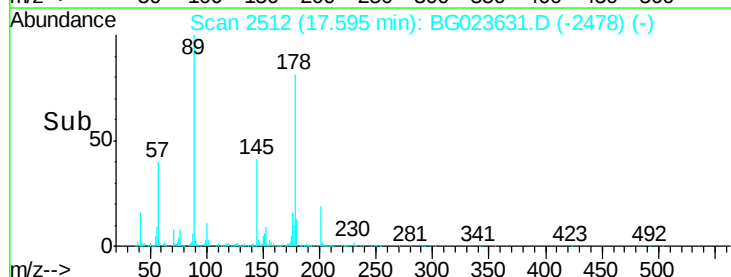
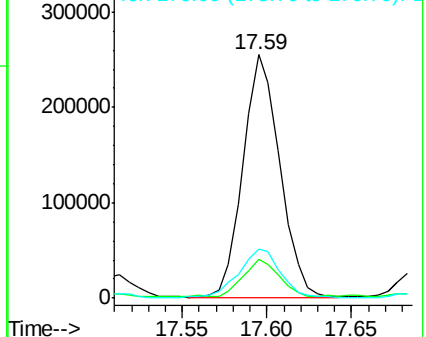
176 20.1 16.3 24.5

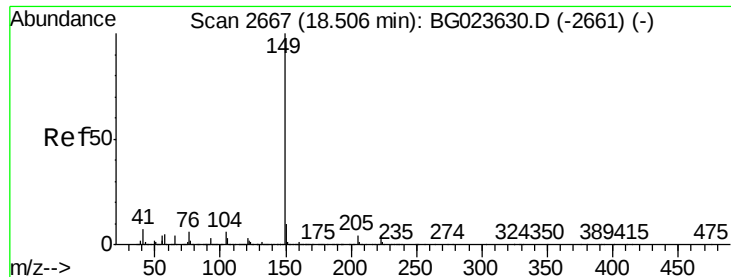


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

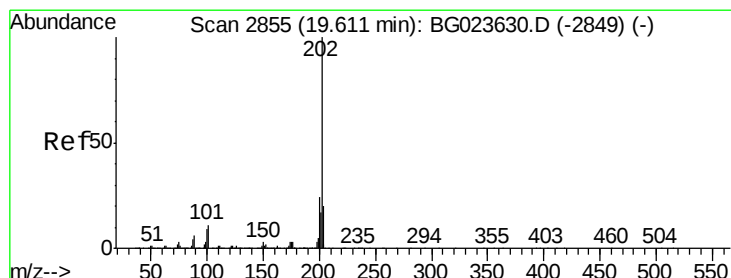
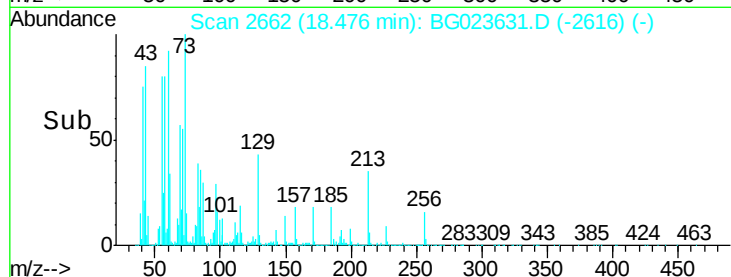
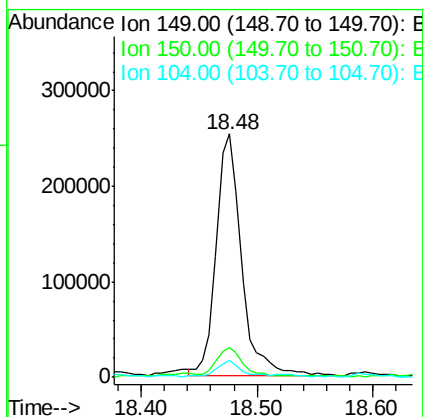
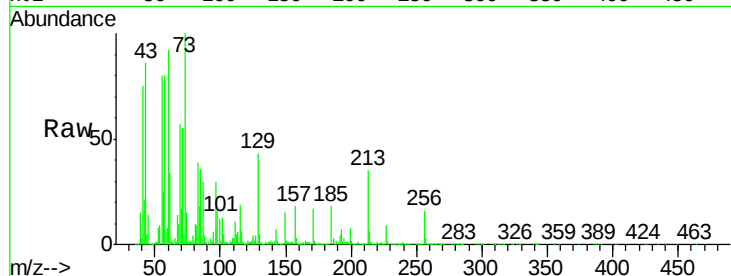




#73
Di-n-butylphthalate
Concen: 7.36 ng/ul
RT: 18.48 min Scan# 2662
Delta R.T. -0.03 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

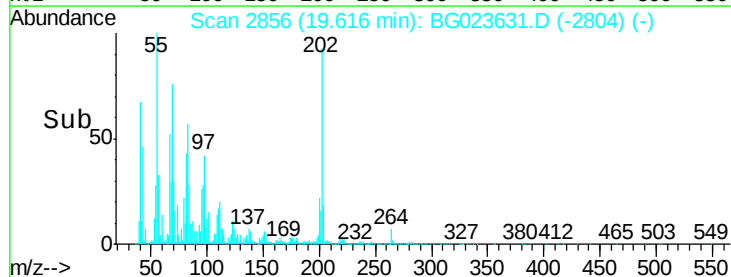
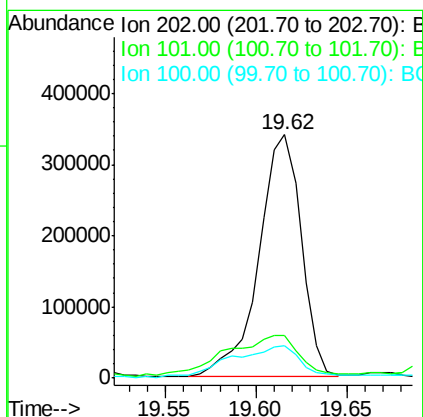
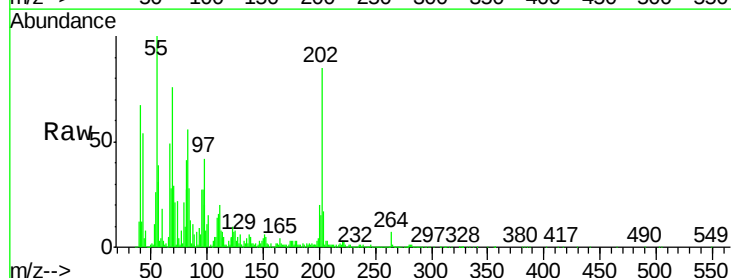
Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

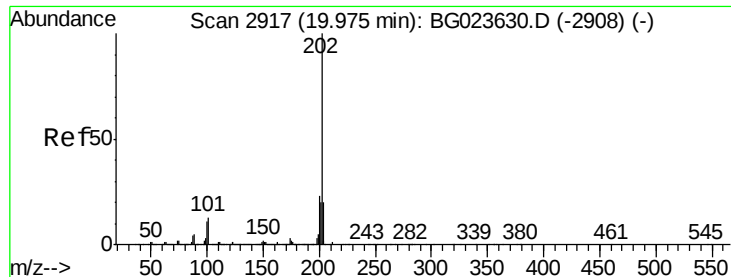
Tgt Ion:149 Resp: 383628
Ion Ratio Lower Upper
149 100
150 12.1 7.1 10.7#
104 6.8 3.3 4.9#



#74
Fluoranthene
Concen: 10.67 ng/ul
RT: 19.62 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion:202 Resp: 553324
Ion Ratio Lower Upper
202 100
101 17.3 10.6 16.0#
100 13.1 8.7 13.1#





#77

Pyrene

Concen: 10948.09 ng/ul

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0612-01

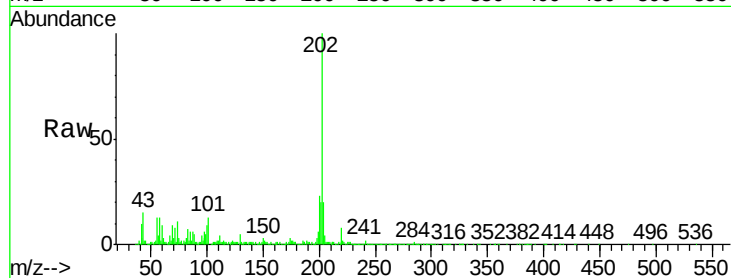
Tgt Ion: 202 Resp: 825028

Ion Ratio Lower Upper

202 100

101 13.2 12.5 18.7

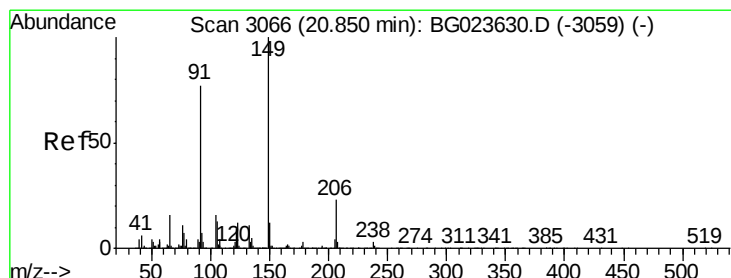
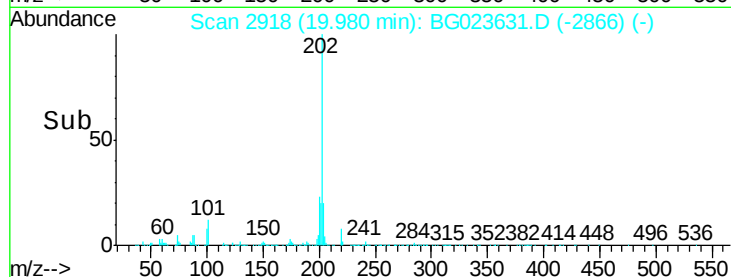
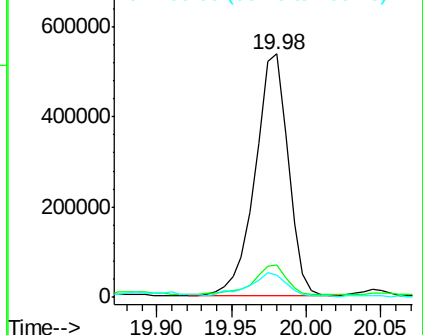
100 9.0 10.2 15.4#



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



#78

Butylbenzylphthalate

Concen: 18.68 ng/ul

RT: 20.80 min Scan# 3058

Delta R.T. -0.05 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

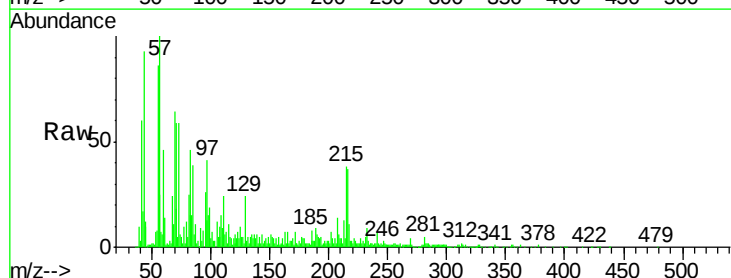
Tgt Ion: 149 Resp: 540

Ion Ratio Lower Upper

149 100

91 161.0 54.2 81.4#

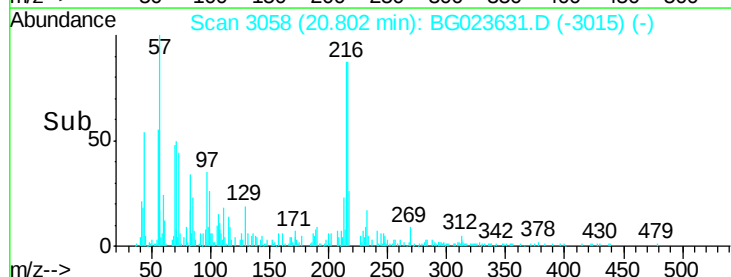
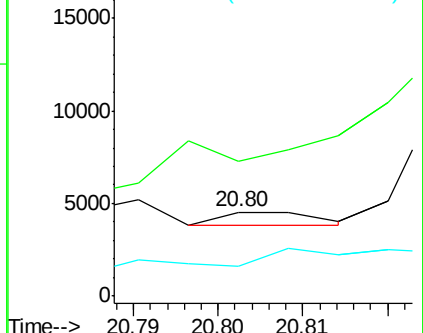
206 36.3 14.1 21.1#

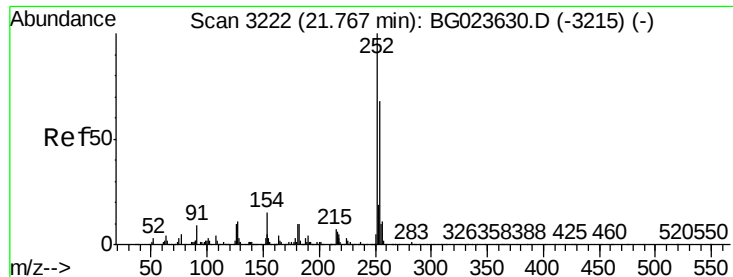


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

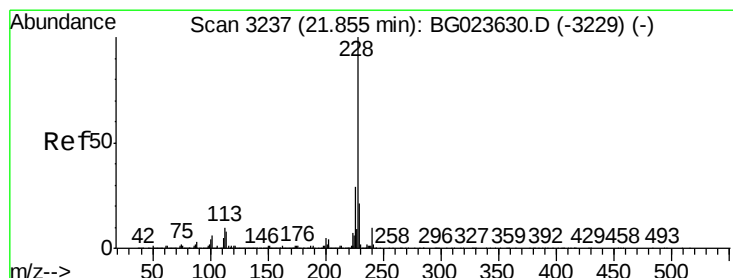
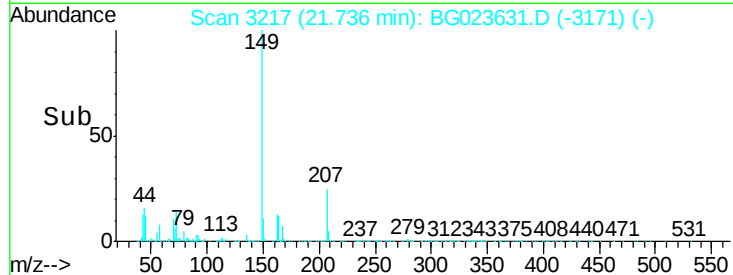
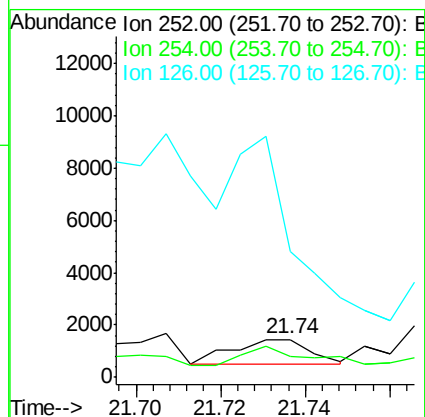
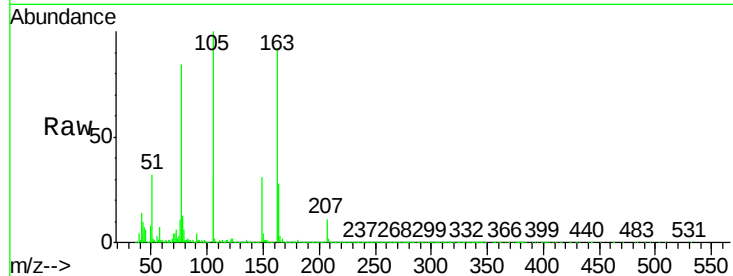




#79
 3,3'-Dichlorobenzidine
 Concen: 56.48 ng/ul
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.03 min
 Lab File: BG023631.D
 Acq: 11 Aug 2016 20:56

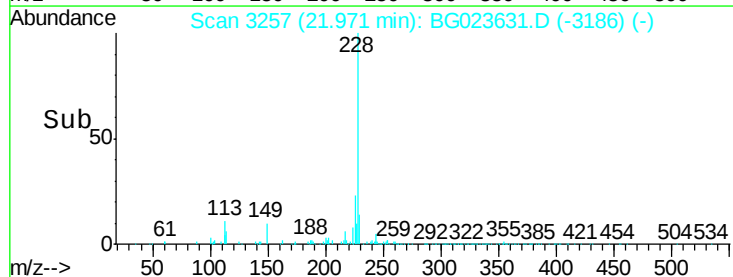
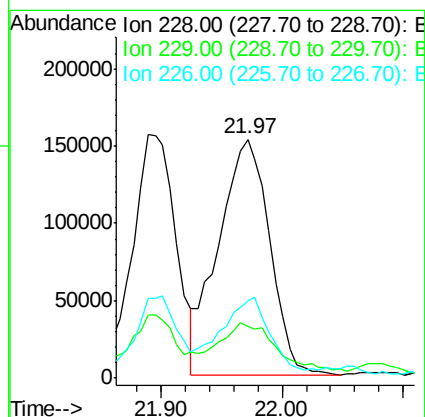
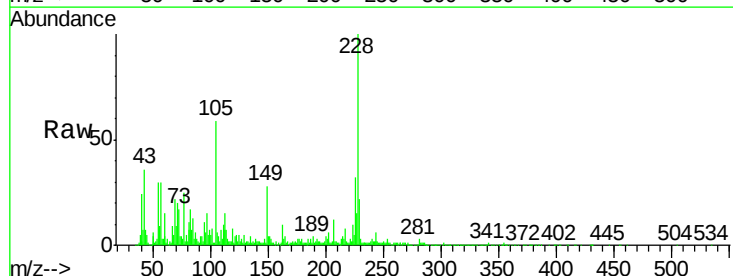
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS001-0612-01

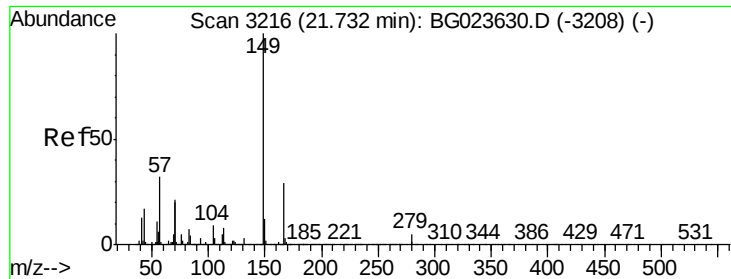
Tgt Ion	Ratio	Lower	Upper
252	100		
254	55.0	51.4	77.2
126	334.4	10.7	16.1#



#80
 Benzo(a)anthracene
 Concen: 6546.42 ng/ul
 RT: 21.97 min Scan# 3257
 Delta R.T. 0.12 min
 Lab File: BG023631.D
 Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.2
226	32.3	22.8	34.2





#81

Bis(2-ethylhexyl)phthalate

Concen: 695184.06 ng/ul

RT: 21.72 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0612-01

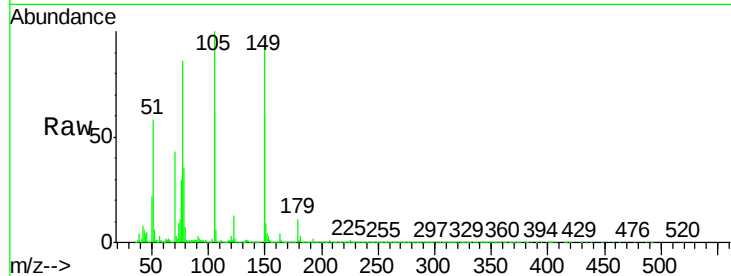
Tgt Ion:149 Resp:26717952

Ion Ratio Lower Upper

149 100

167 0.1 21.9 32.9#

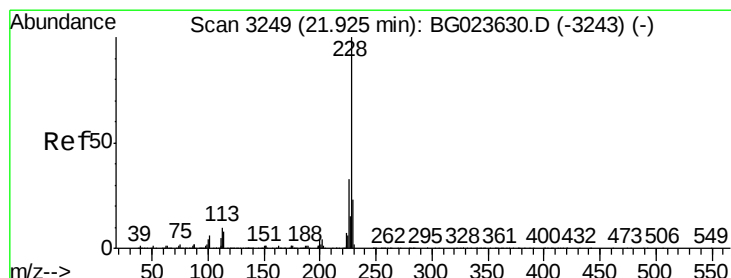
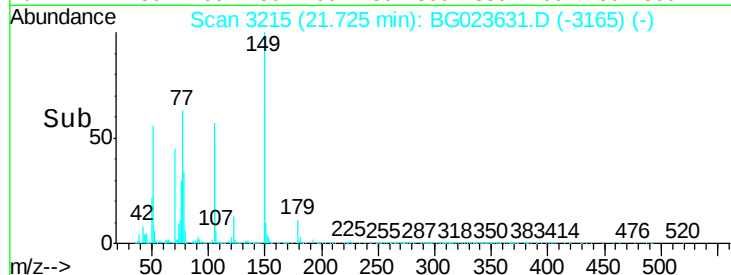
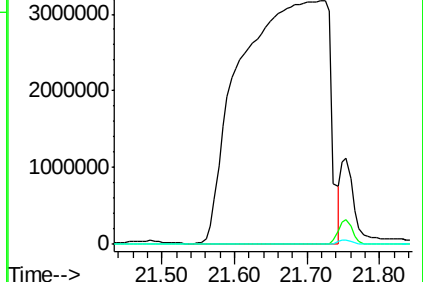
279 0.0 2.9 4.3#



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



#82

Chrysene

Concen: 7199.63 ng/ul

RT: 21.97 min Scan# 3257

Delta R.T. 0.05 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

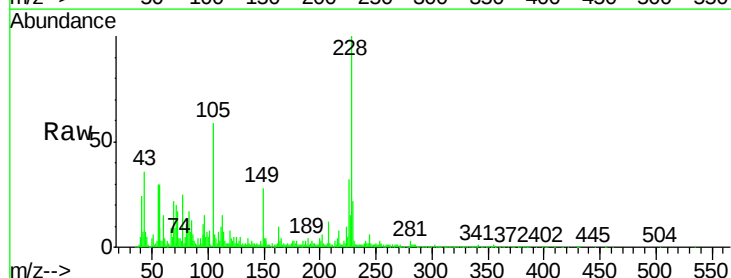
Tgt Ion:228 Resp: 449405

Ion Ratio Lower Upper

228 100

226 32.3 24.2 36.4

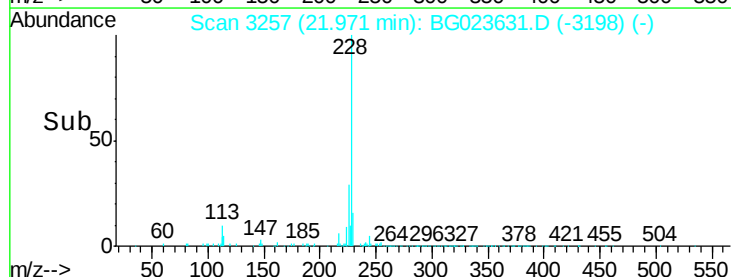
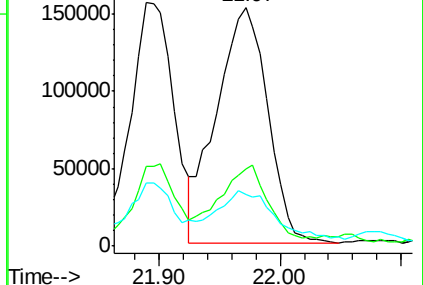
229 21.9 15.0 22.6

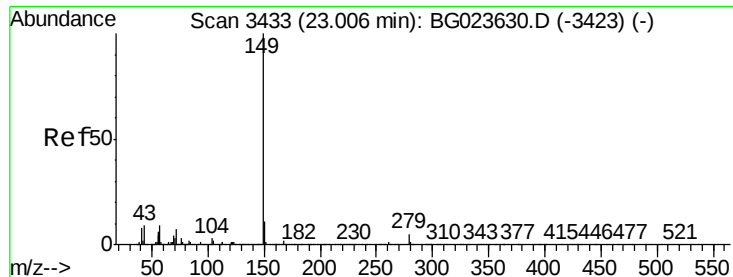


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 1.55 ng/ul

RT: 23.01 min Scan# 3434

Delta R.T. 0.00 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

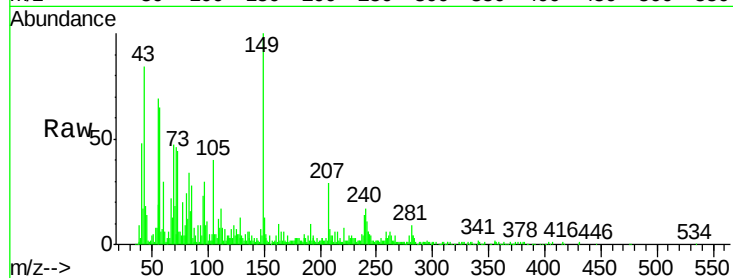
Instrument :

BNA_G

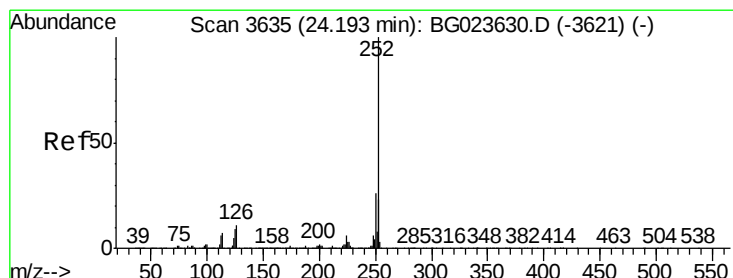
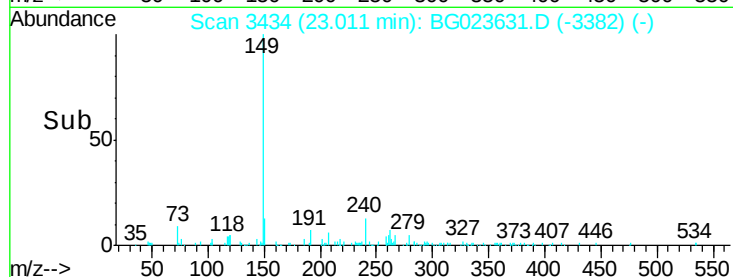
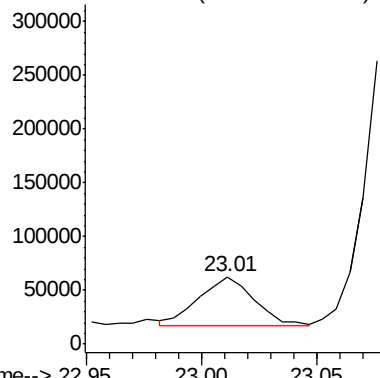
ClientSampleId :

PR001-SS001-0612-01

Tgt Ion:149 Resp: 77046



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 6.60 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. 0.02 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

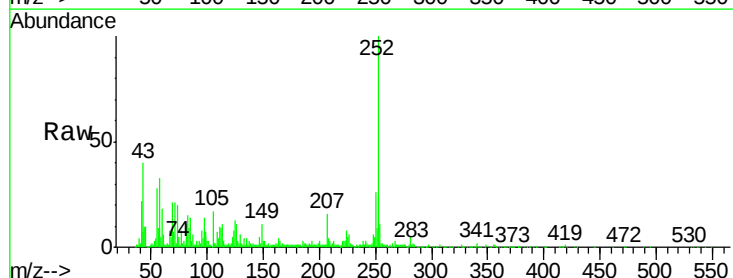
Tgt Ion:252 Resp: 369273

Ion Ratio Lower Upper

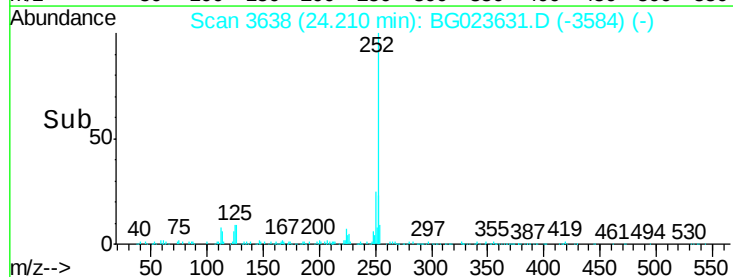
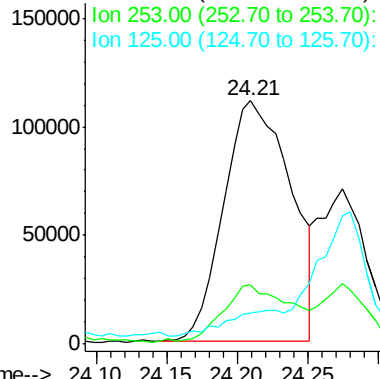
252 100

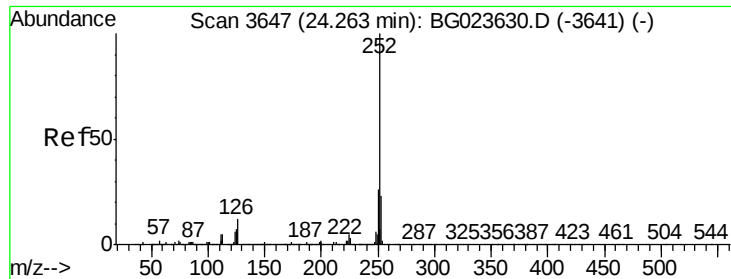
253 24.3 18.2 27.2

125 13.0 10.8 16.2



Abundance Ion 252.00 (251.70 to 252.70): E

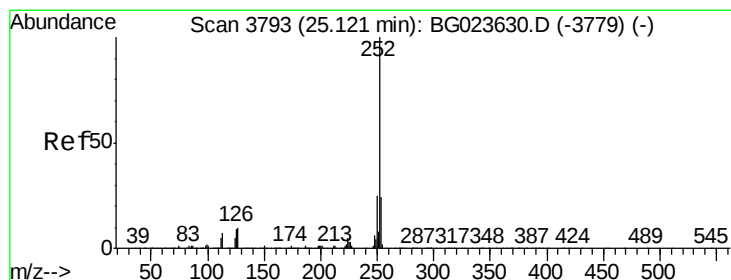
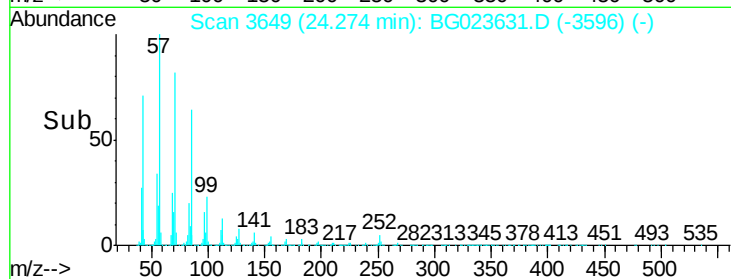
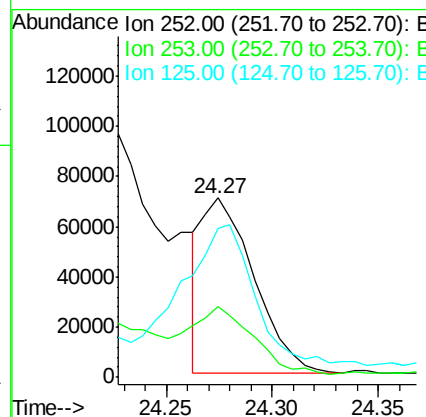
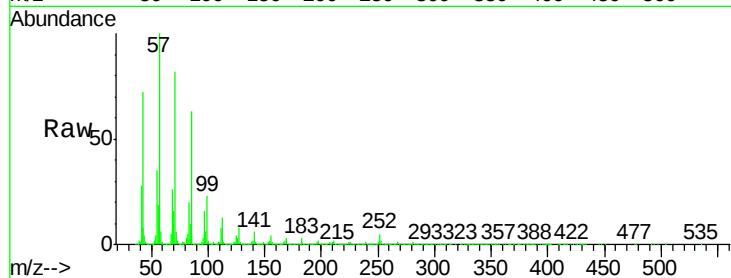




#86
Benzo(k)fluoranthene
Concen: 2.16 ng/ul
RT: 24.27 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

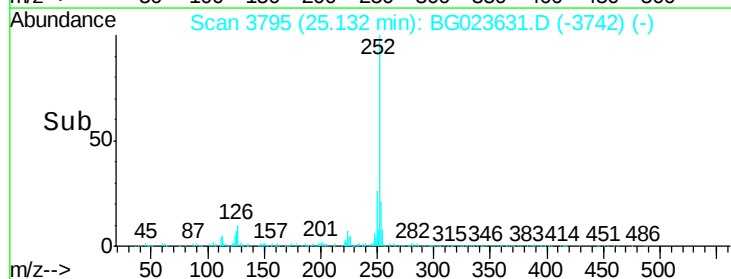
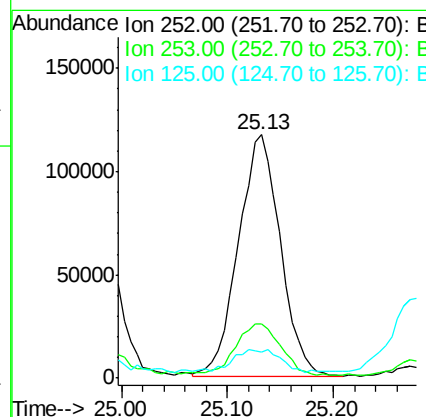
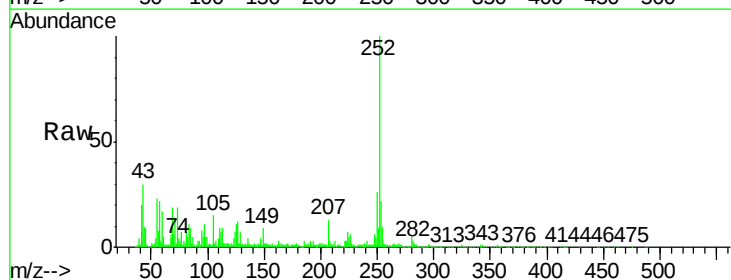
Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

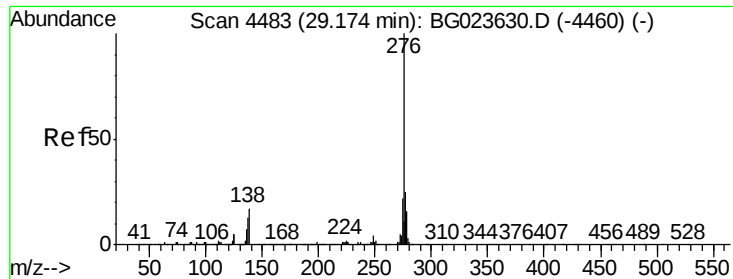
Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.4	15.8	23.6#
125	83.1	10.6	16.0#



#88
Benzo(a)pyrene
Concen: 6.01 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. 0.01 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.4
125	10.9	12.0	18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.00 ng/ul

RT: 29.17 min Scan# 4482

Delta R.T. -0.01 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

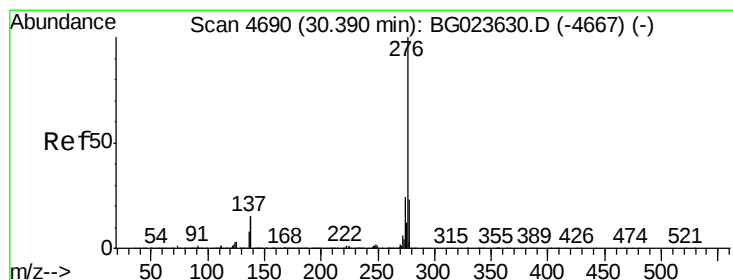
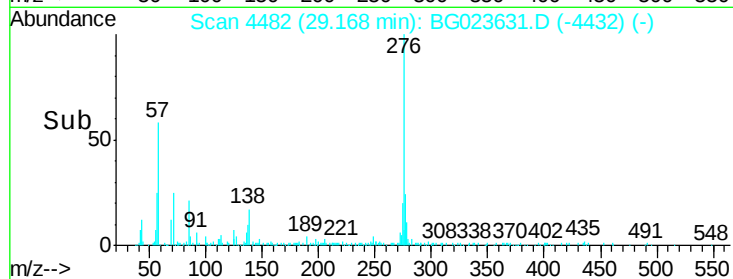
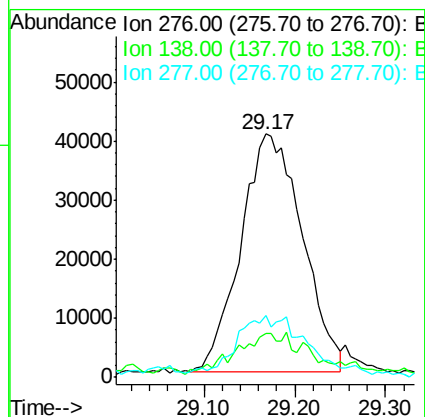
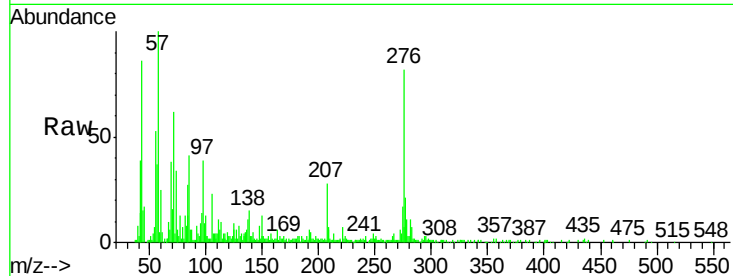
Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0612-01

Tgt Ion:	276	Resp:	190281
Ion Ratio	Lower	Upper	
276	100		
138	18.1	20.8	31.2#
277	25.4	17.6	26.4



#91

Benzo(g,h,i)perylene

Concen: 3.58 ng/ul

RT: 30.40 min Scan# 4692

Delta R.T. 0.01 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Tgt Ion:	276	Resp:	188141
Ion Ratio	Lower	Upper	
276	100		
138	20.3	22.1	33.1#
277	24.8	17.0	25.4

