

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023639.D
 Acq On : 12 Aug 2016 1:58
 Operator : UM/SJ
 Sample : H4360-07 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-1218-01

Manual Integrations
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Quant Time: Aug 12 05:57:05 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	8.11	152	157665	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	723034	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	469201	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1063076	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1079643	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1119386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1317	0.36	ng/uL	0.00
5) Phenol-d5	7.27	99	54892	3.46	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	35660	3.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	40435	3.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	40312	3.25	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	21378	3.75	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	24025	3.67	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	45770	3.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	17150m	1.18	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	153904	4.01	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	187400	4.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	19300m	2.94	ng/ul	0.02
57) Fluorene-d10	15.78	176	145424	4.10	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	13800	2.02	ng/ul	0.00
70) Anthracene-d10	17.65	188	209874	4.38	ng/ul	-0.01
76) Pyrene-d10	19.94	212	228051	4.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	210021	4.15	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	99783	2.62	ng/ul	99
47) Acenaphthylene	14.52	152	118638	2.62	ng/ul#	93
58) Fluorene	15.84	166	53181	1.40	ng/ul	96
69) Phenanthrene	17.59	178	924557	16.79	ng/ul	98
71) Anthracene	17.69	178	96927	1.73	ng/ul	99
74) Fluoranthene	19.61	202	1118460	19.84	ng/ul#	94
77) Pyrene	19.97	202	1532240	22.96	ng/ul	94
80) Benzo(a)anthracene	21.85	228	692285m	11.39	ng/ul	
82) Chrysene	21.92	228	816535	14.77	ng/ul	95
85) Benzo(b)fluoranthene	24.20	252	747143	11.73	ng/ul#	96
86) Benzo(k)fluoranthene	24.26	252	190340m	3.04	ng/ul	
88) Benzo(a)pyrene	25.11	252	610347m	9.93	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.17	276	375451	5.20	ng/ul#	85
91) Benzo(g,h,i)perylene	30.41	276	438698m	7.33	ng/ul	

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

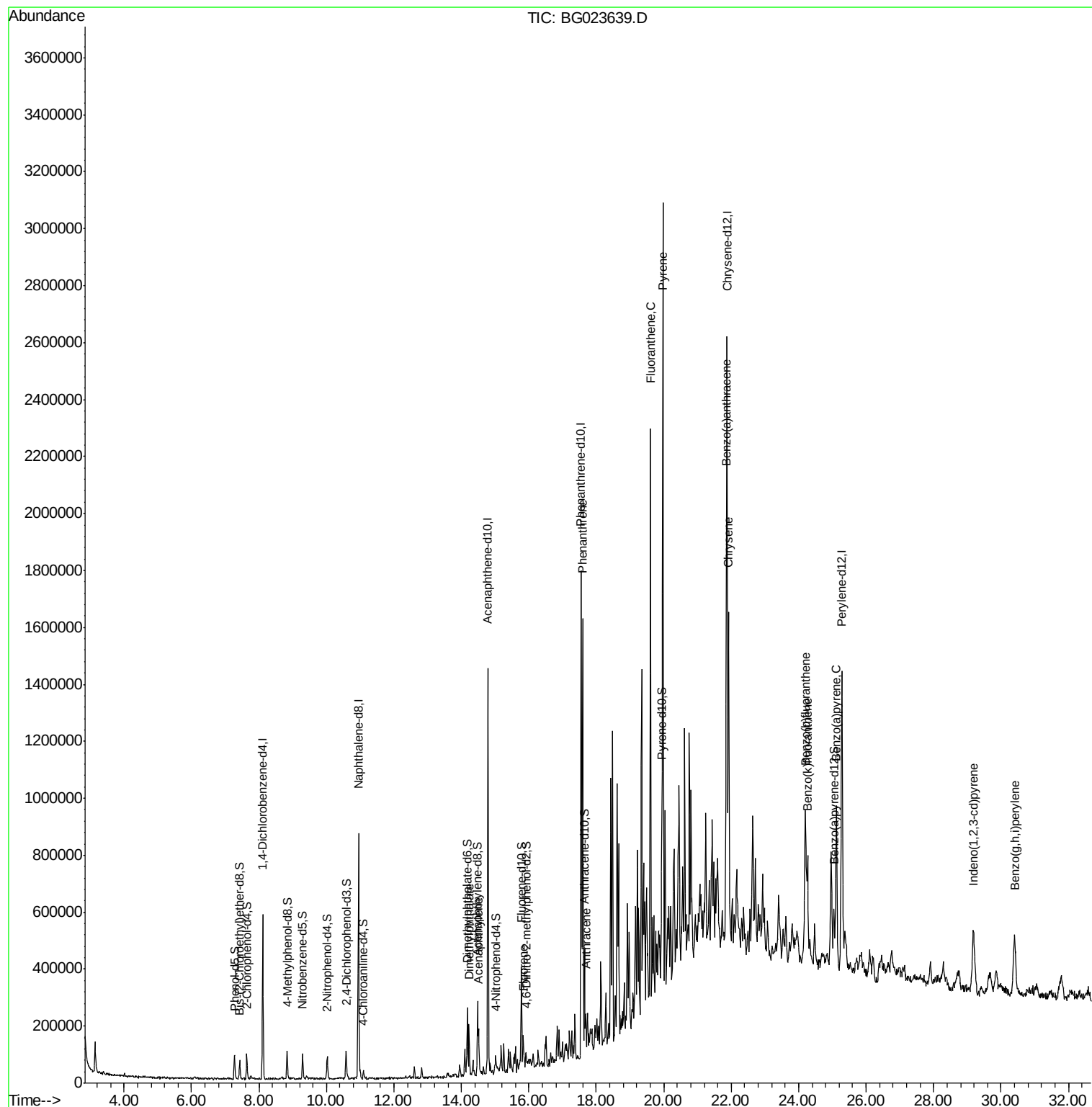
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023639.D
Acq On : 12 Aug 2016 1:58
Operator : UM/SJ
Sample : H4360-07 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

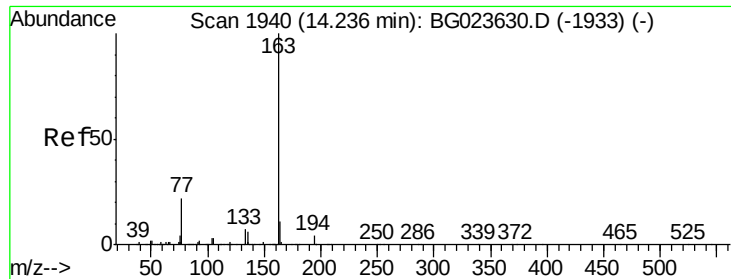
Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

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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





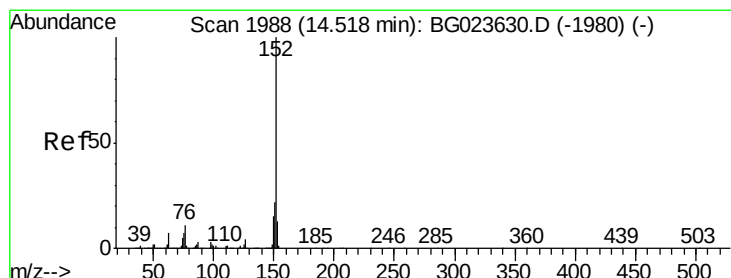
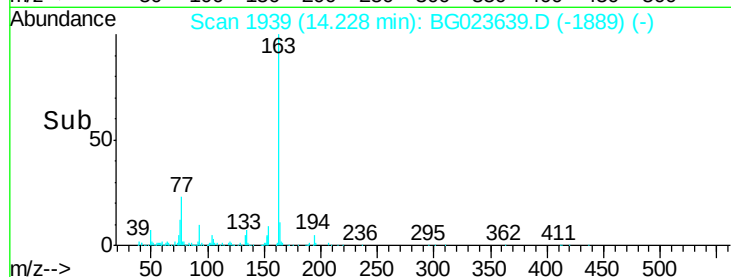
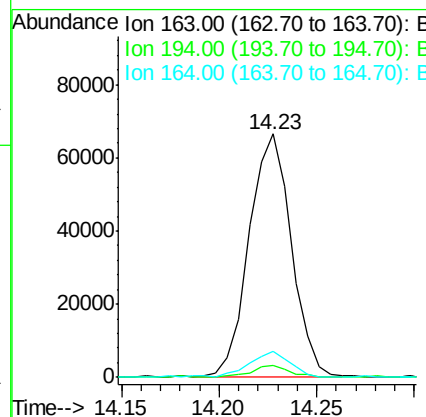
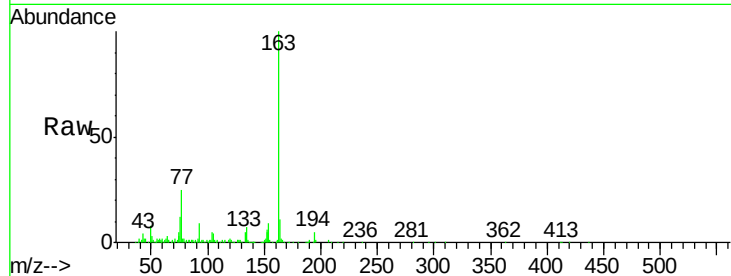
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Dimethylphthalate
Concen: 2.62 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023639.D
Acq: 12 Aug 2016 1:58

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-1218-01

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.8	8.8	13.2

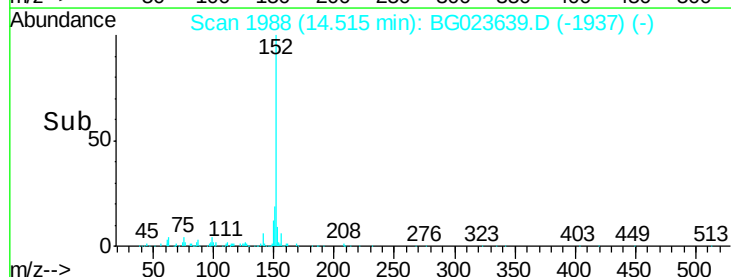
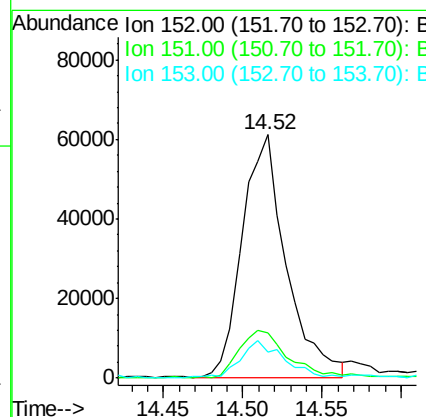
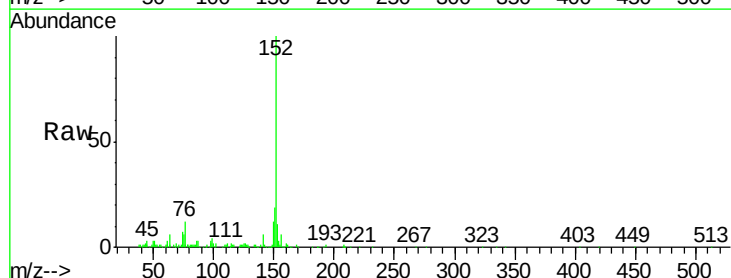
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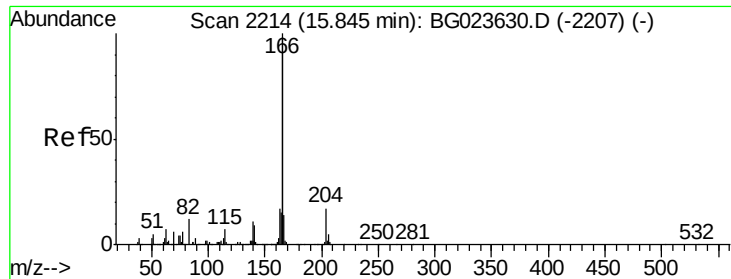
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#47
Acenaphthylene
Concen: 2.62 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG023639.D
Acq: 12 Aug 2016 1:58

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	18.8	17.5	26.3
153	10.5	11.1	16.7#





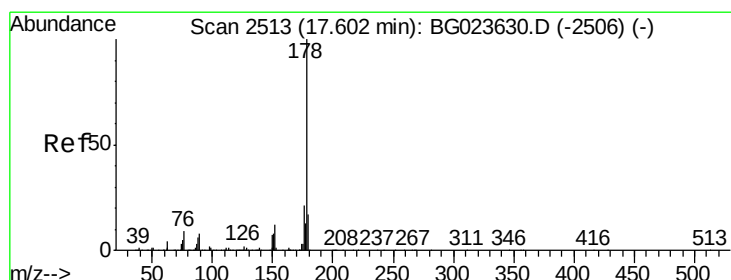
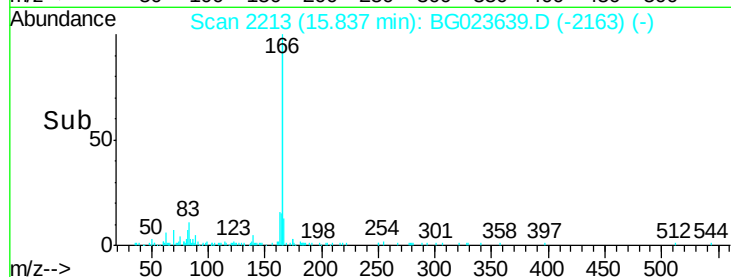
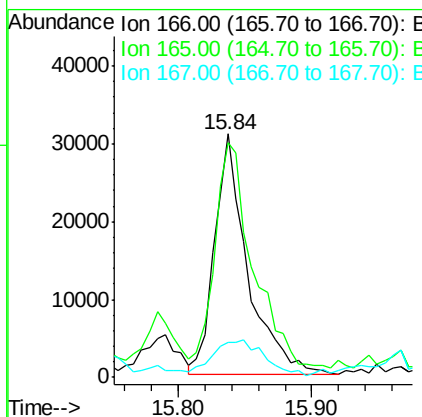
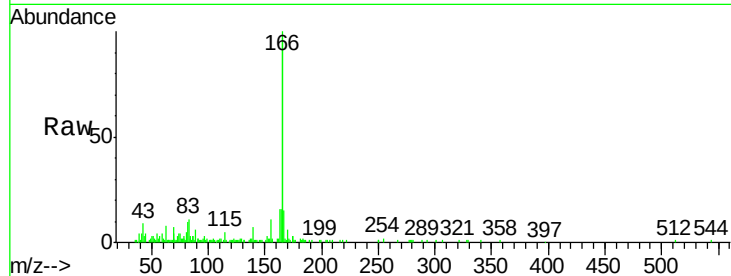
#58
Fluorene
 Concen: 1.40 ng/ul
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG023639.D
 Acq: 12 Aug 2016 1:58

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-1218-01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.3	120.5
167	14.6	10.3	15.5

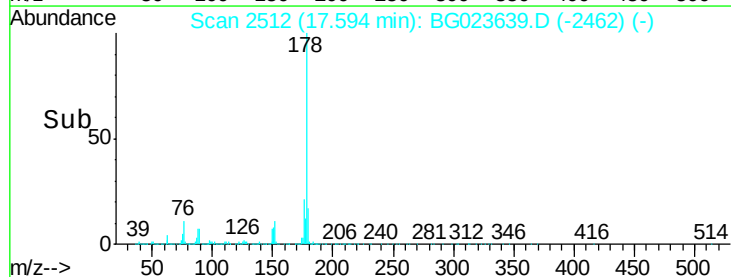
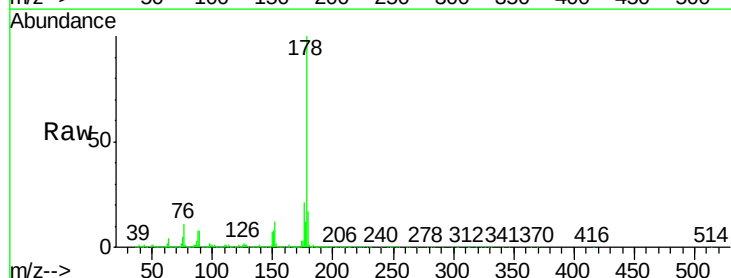
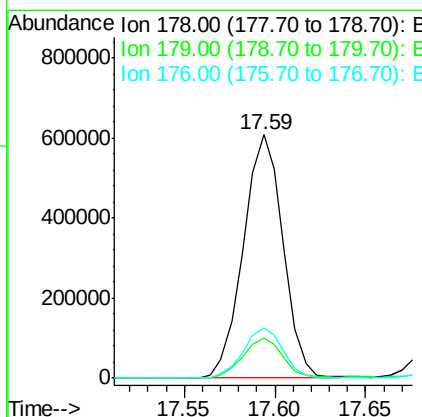
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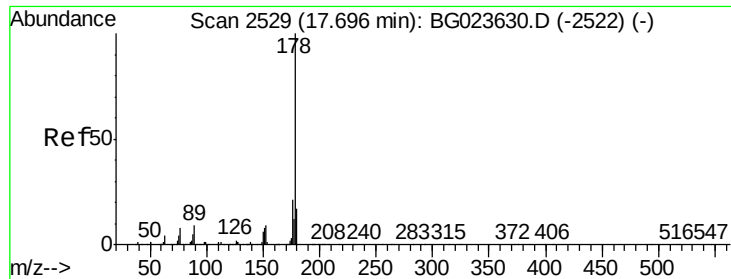
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#69
Phenanthrene
 Concen: 16.79 ng/ul
 RT: 17.59 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG023639.D
 Acq: 12 Aug 2016 1:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.8	15.8	23.8





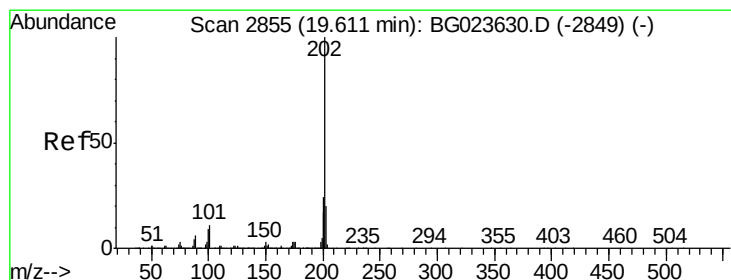
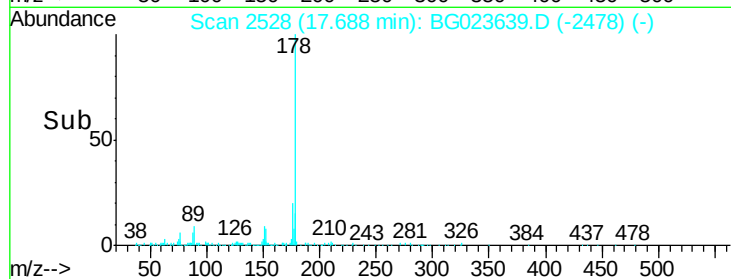
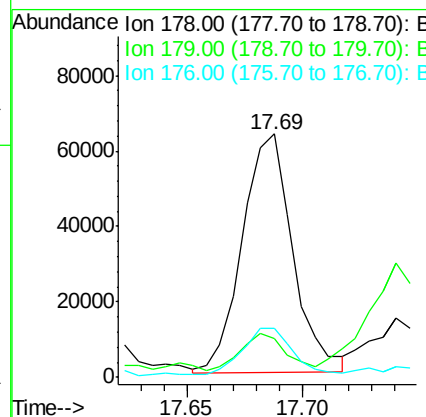
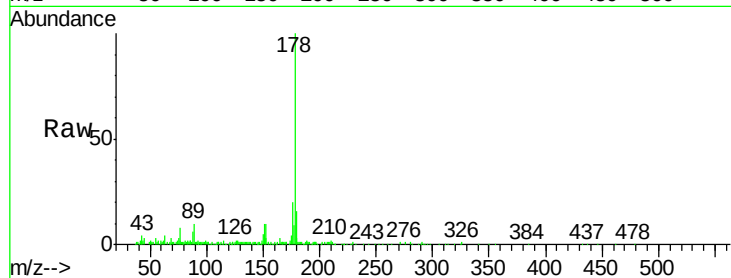
#71
 Anthracene
 Concen: 1.73 ng/ul
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BG023639.D
 Acq: 12 Aug 2016 1:58

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-1218-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	20.0	16.3	24.5

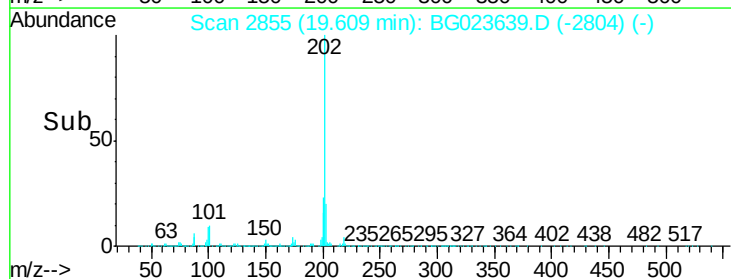
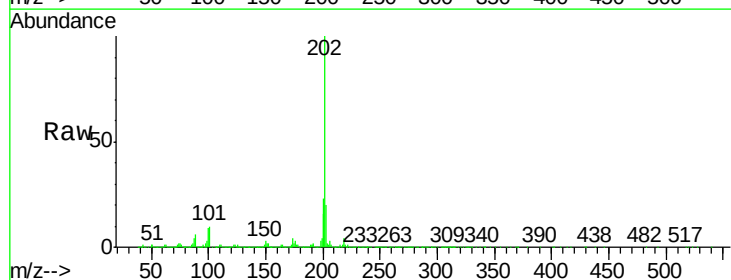
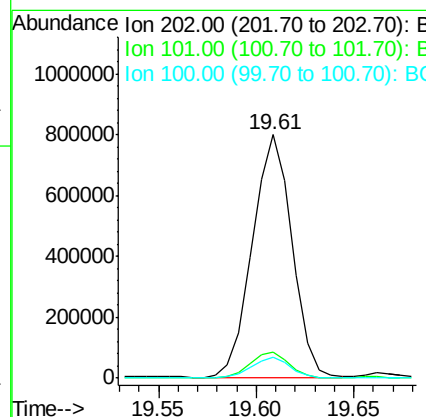
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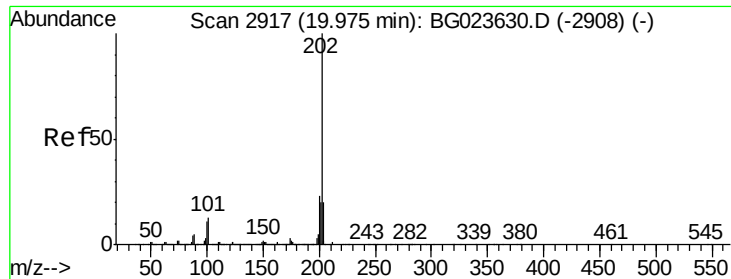
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#74
 Fluoranthene
 Concen: 19.84 ng/ul
 RT: 19.61 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG023639.D
 Acq: 12 Aug 2016 1:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.6	16.0#
100	8.7	8.7	13.1





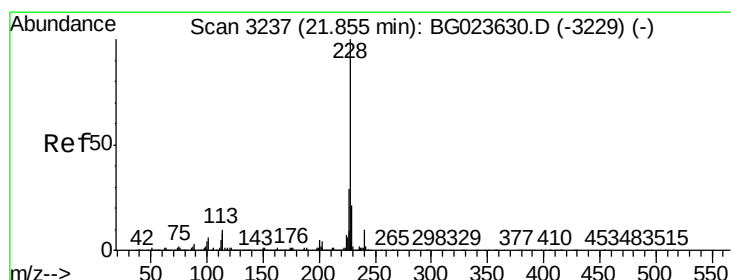
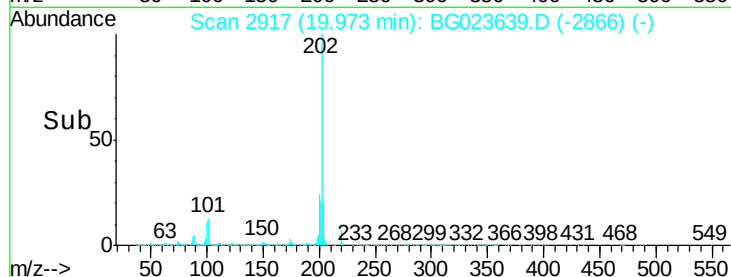
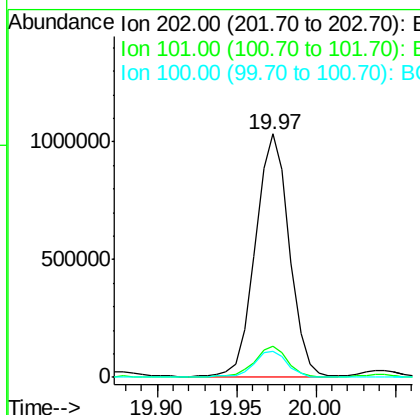
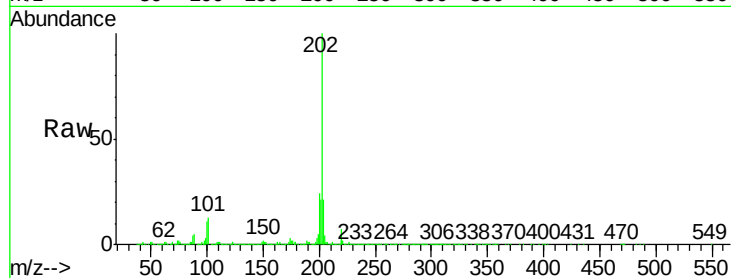
#77
 Pyrene
 Concen: 22.96 ng/ul
 RT: 19.97 min Scan# 2917
 Delta R.T. -0.00 min
 Lab File: BG023639.D
 Acq: 12 Aug 2016 1:58

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-1218-01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	12.5	18.7
100	10.9	10.2	15.4

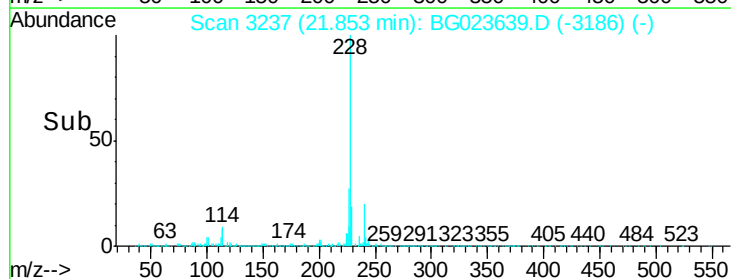
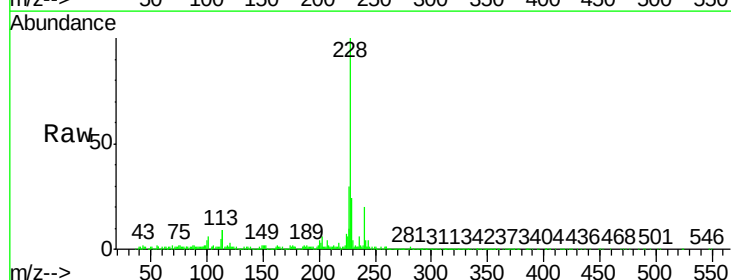
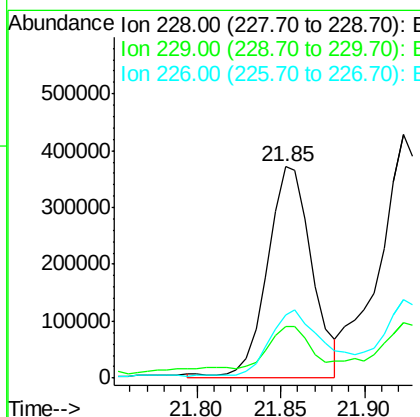
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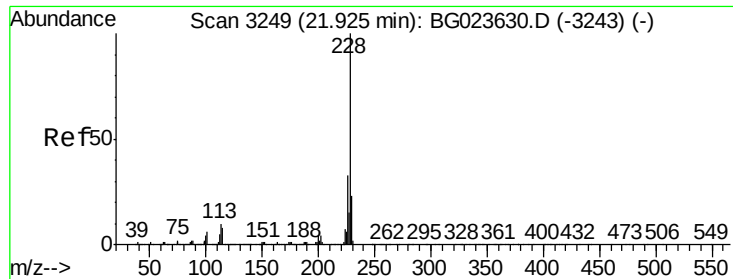
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#80
 Benzo(a)anthracene
 Concen: 11.39 ng/ul m
 RT: 21.85 min Scan# 3237
 Delta R.T. -0.00 min
 Lab File: BG023639.D
 Acq: 12 Aug 2016 1:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.4	23.2#
226	30.1	22.8	34.2





#82

Chrysene

Concen: 14.77 ng/ul

RT: 21.92 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG023639.D

Acq: 12 Aug 2016 1:58

Instrument :

BNA_G

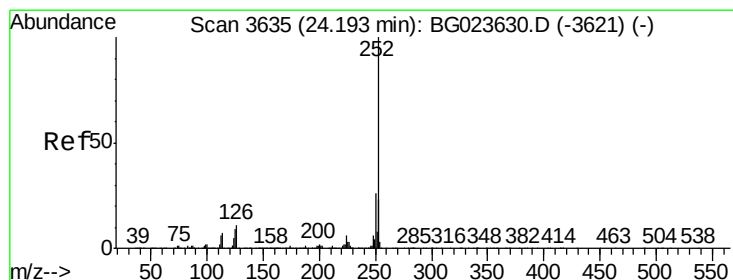
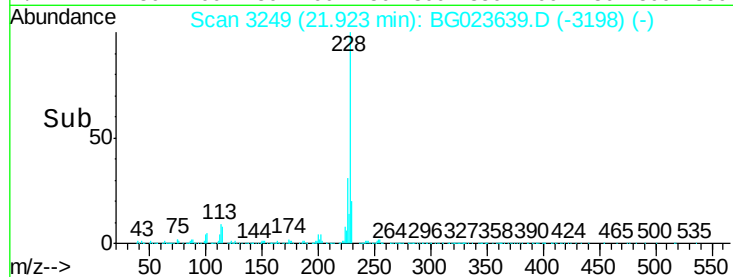
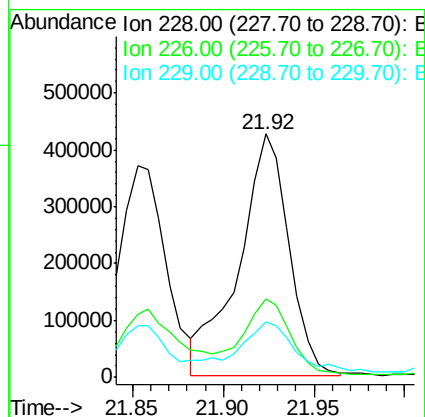
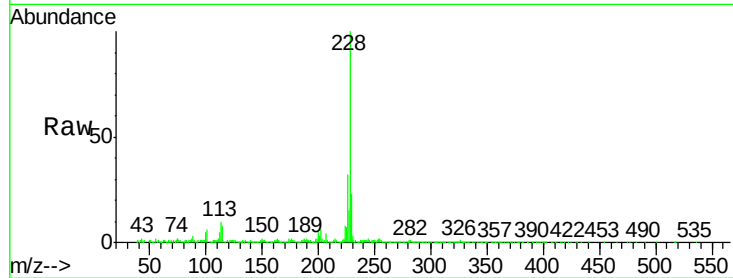
ClientSampleId :

PR001-SS002-1218-01

Tgt Ion:	228	Resp:	816535
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.2	36.4
229	22.5	15.0	22.6

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#85

Benzo(b)fluoranthene

Concen: 11.73 ng/ul

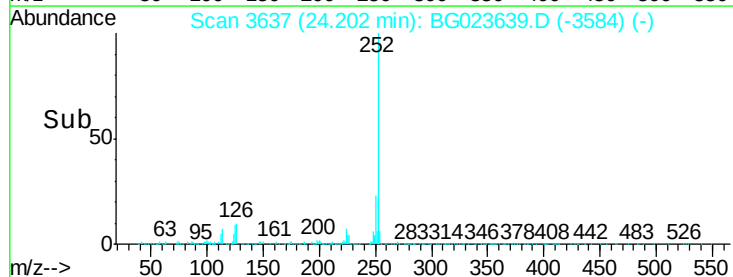
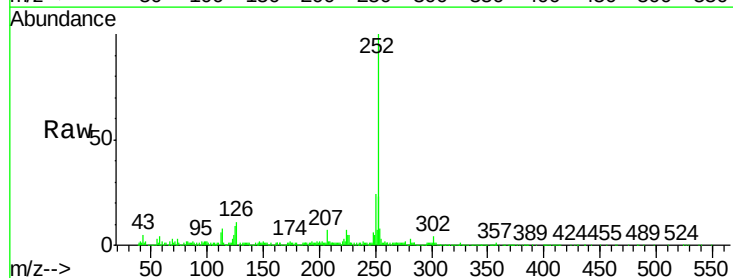
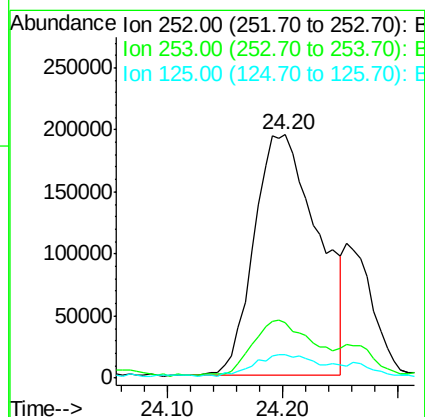
RT: 24.20 min Scan# 3637

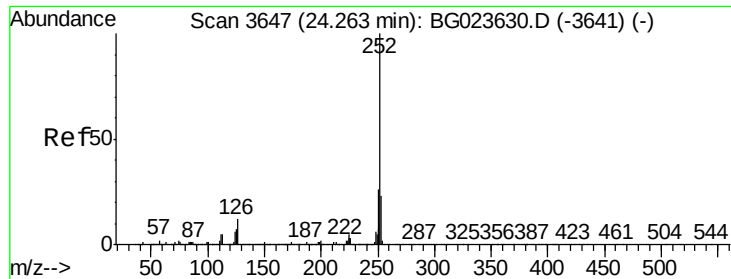
Delta R.T. 0.01 min

Lab File: BG023639.D

Acq: 12 Aug 2016 1:58

Tgt Ion:	252	Resp:	747143
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	9.4	10.8	16.2#





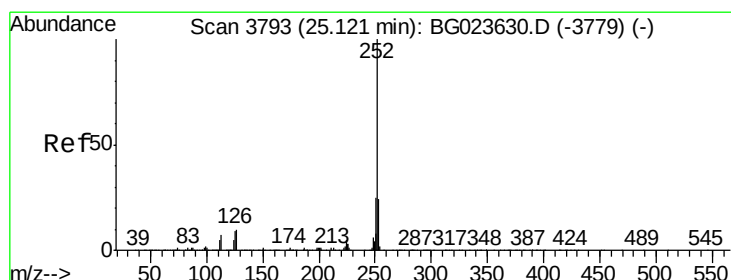
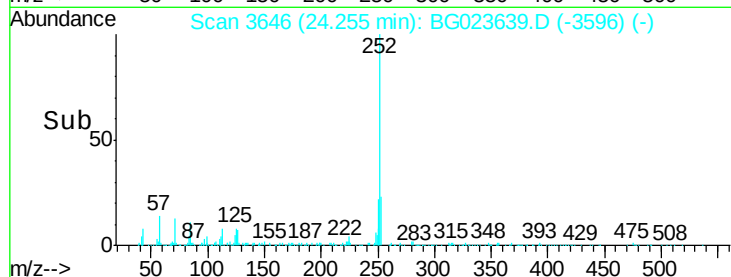
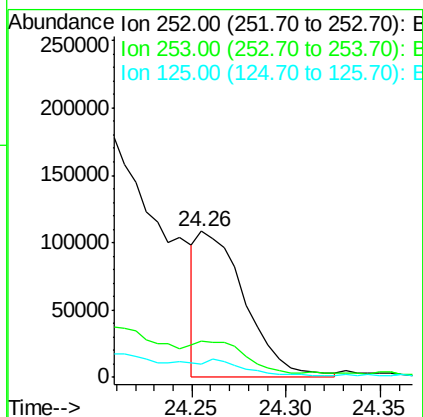
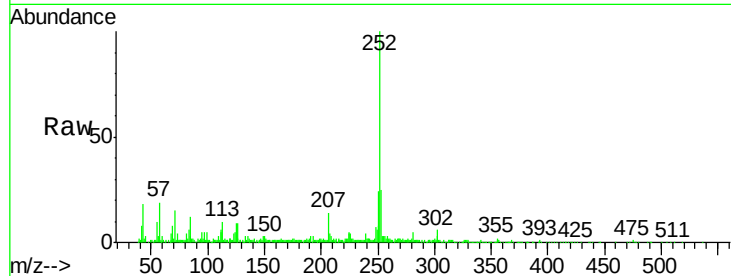
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Benzo(k)fluoranthene
Concen: 3.04 ng/ul m
RT: 24.26 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG023639.D
Acq: 12 Aug 2016 1:58

Instrument :
BNA_G
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PR001-SS002-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.2	15.8	23.6#
125	9.0	10.6	16.0#

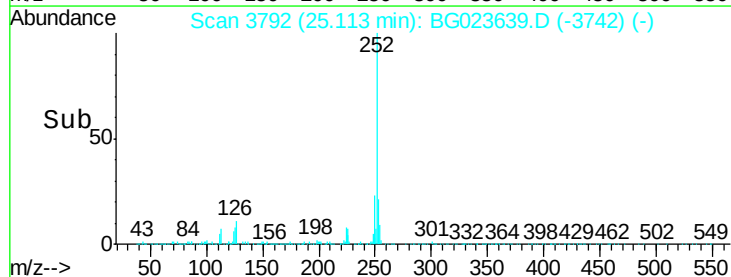
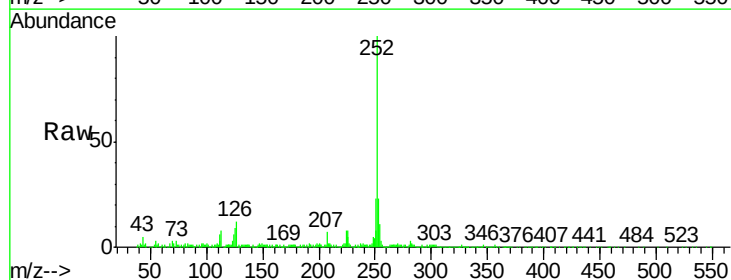
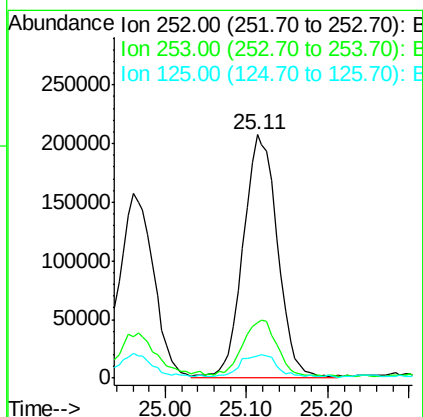
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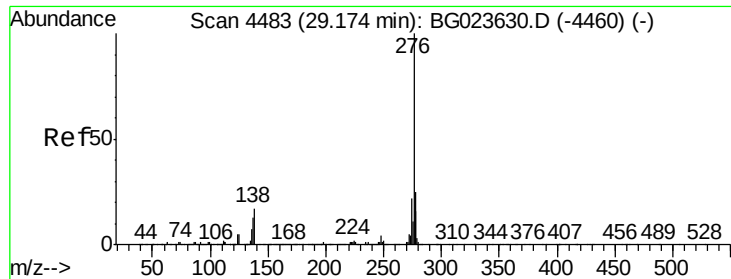
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#88
Benzo(a)pyrene
Concen: 9.93 ng/ul m
RT: 25.11 min Scan# 3792
Delta R.T. -0.01 min
Lab File: BG023639.D
Acq: 12 Aug 2016 1:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	19.0	28.4
125	9.3	12.0	18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 5.20 ng/ul

RT: 29.17 min Scan# 4483

Delta R.T. -0.00 min

Lab File: BG023639.D

Acq: 12 Aug 2016 1:58

Instrument :

BNA_G

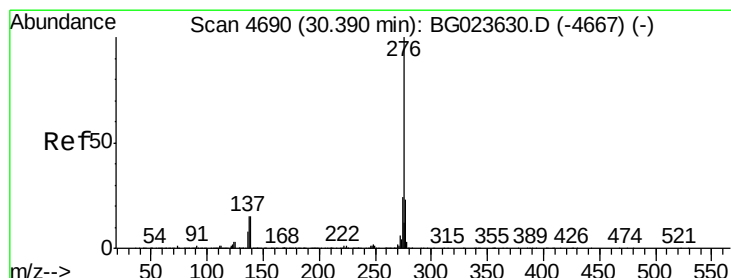
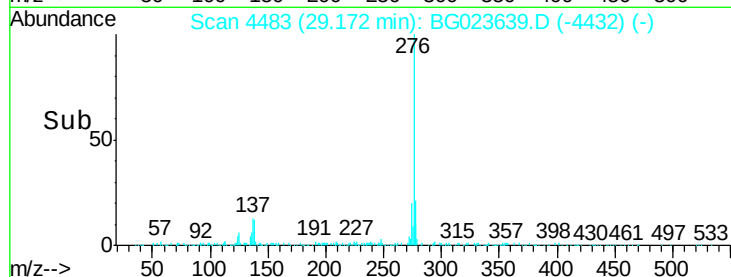
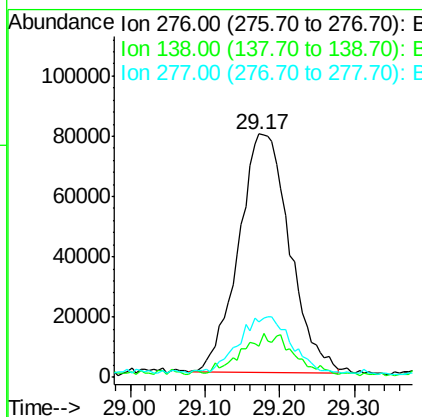
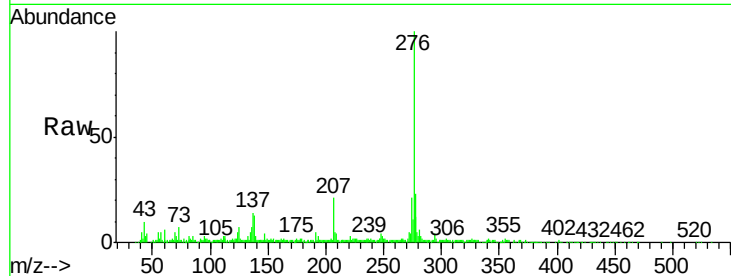
ClientSampleId :

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Tgt Ion:	276	Resp:	375451
Ion Ratio		Lower	Upper
276	100		
138	12.8	20.8	31.2#
277	22.9	17.6	26.4

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#91

Benzo(g,h,i)perylene

Concen: 7.33 ng/ul m

RT: 30.41 min Scan# 4693

Delta R.T. 0.02 min

Lab File: BG023639.D

Acq: 12 Aug 2016 1:58

Tgt Ion:	276	Resp:	438698
Ion Ratio		Lower	Upper
276	100		
138	16.5	22.1	33.1#
277	24.2	17.0	25.4

