

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023644.D
 Acq On : 12 Aug 2016 5:06
 Operator : UM/SJ
 Sample : H4360-22 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01

Manual Integrations
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Quant Time: Aug 12 06:50:57 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	178809	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	744748	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	506707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1110653	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1117798	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1143477	20.00	ng/ul	0.00

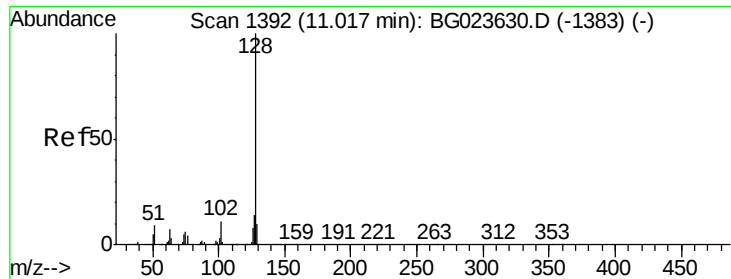
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1411m	0.34	ng/uL	0.00
5) Phenol-d5	7.27	99	41716	2.32	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	41091	3.56	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	40996	3.34	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	32872	2.34	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	22820	3.89	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	28772	4.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	46741	3.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	37311	2.50	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	178990	4.31	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	211529	4.53	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.03	143	13638m	1.93	ng/ul	0.02
57) Fluorene-d10	15.78	176	169158	4.41	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	12058	1.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	235235	4.70	ng/ul	-0.01
76) Pyrene-d10	19.94	212	243881	4.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	219129	4.23	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	11.00	128	44412	1.17	ng/ul	97
44) Dimethylphthalate	14.23	163	92316	2.25	ng/ul	98
49) Acenaphthene	14.85	153	38464	1.16	ng/ul	94
58) Fluorene	15.84	166	57123	1.39	ng/ul#	79
69) Phenanthrene	17.59	178	833766	14.50	ng/ul	99
71) Anthracene	17.68	178	165765	2.82	ng/ul	95
72) Carbazole	17.96	167	64693	1.37	ng/ul	96
73) Di-n-butylphthalate	18.50	149	105487	1.78	ng/ul	97
74) Fluoranthene	19.61	202	990588	16.82	ng/ul#	93
77) Pyrene	19.97	202	1071367	15.50	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	535345	8.50	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.76	149	7925954	224.90	ng/ul#	2
82) Chrysene	21.93	228	568370	9.93	ng/ul#	95
84) Di-n-octyl phthalate	23.01	149	905551	15.68	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	630581m	9.70	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	185007m	2.89	ng/ul	
88) Benzo(a)pyrene	25.12	252	461418m	7.35	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	293627	3.98	ng/ul#	87
91) Benzo(g,h,i)perylene	30.40	276	266188m	4.35	ng/ul	

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



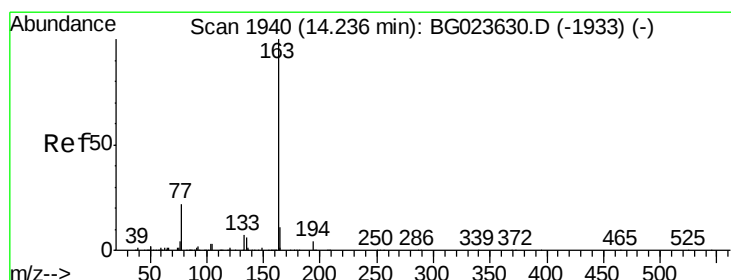
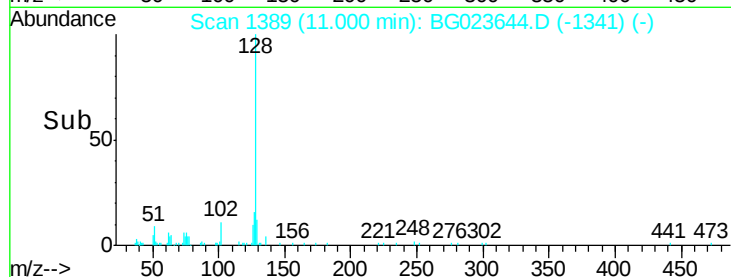
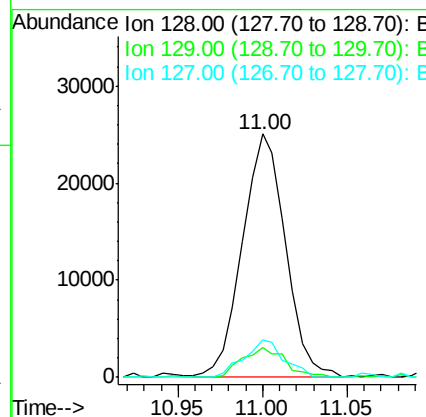
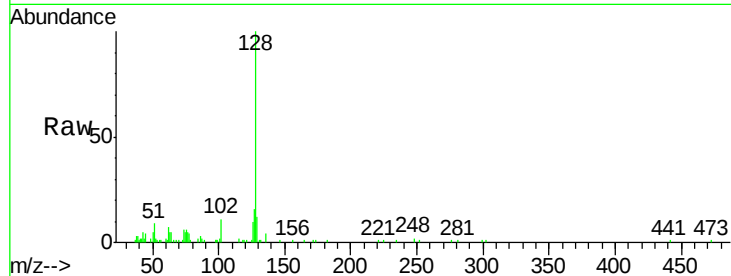
#28
Naphthalene
Concen: 1.17 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BG023644.D
Acq: 12 Aug 2016 5:06

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	44412		
129	12.2	9.4	14.2	
127	15.6	11.2	16.8	

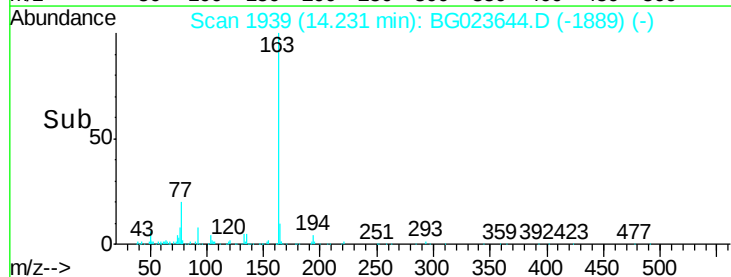
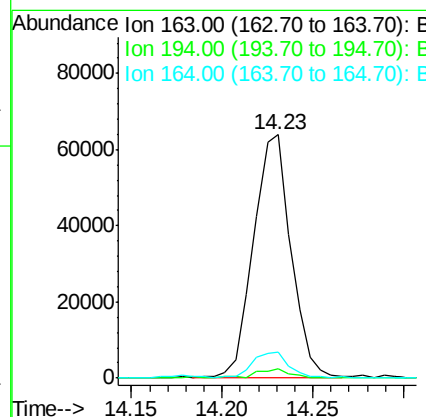
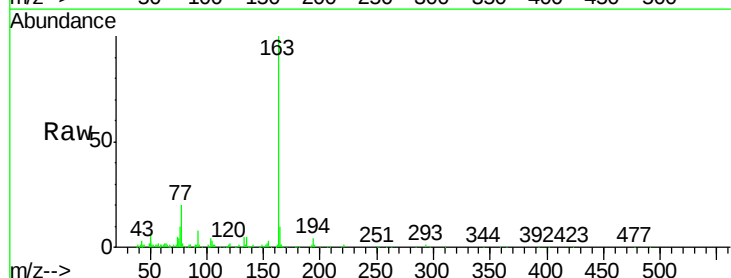
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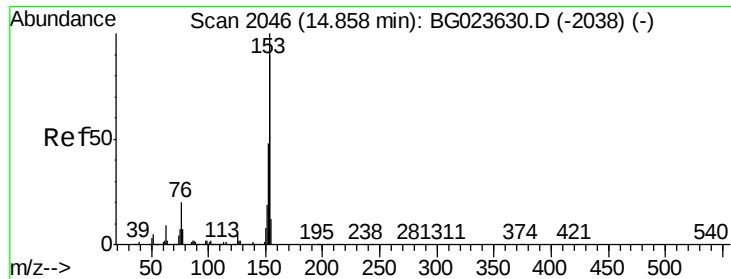
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#44
Dimethylphthalate
Concen: 2.25 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023644.D
Acq: 12 Aug 2016 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	92316		
194	3.6	3.4	5.2	
164	10.5	8.8	13.2	





#49

Acenaphthene

Concen: 1.16 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Instrument :

BNA_G

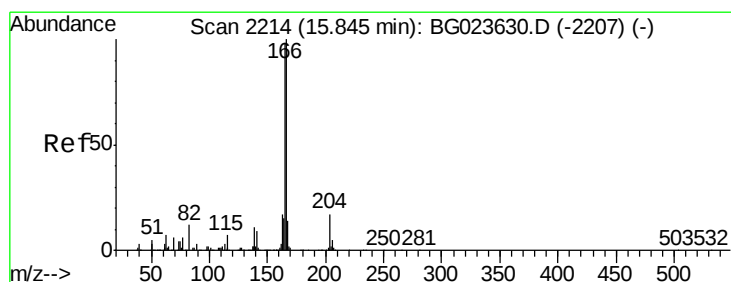
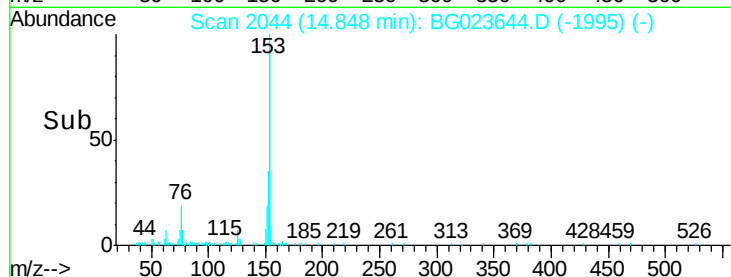
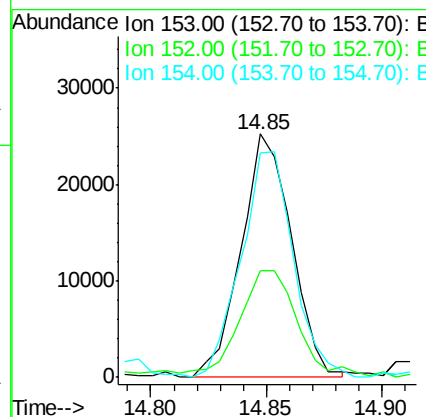
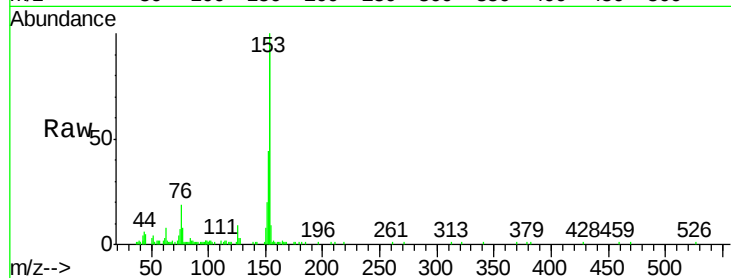
ClientSampleId :

PR001-SS004-1218-01

Tgt Ion:	153	Resp:	38464
Ion Ratio	Lower	Upper	
153	100		
152	43.9	37.3	55.9
154	92.1	68.2	102.2

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#58

Fluorene

Concen: 1.39 ng/ul

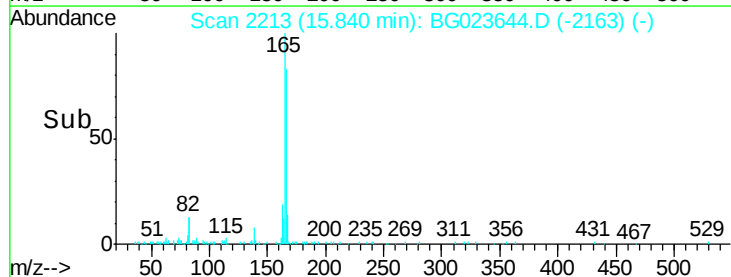
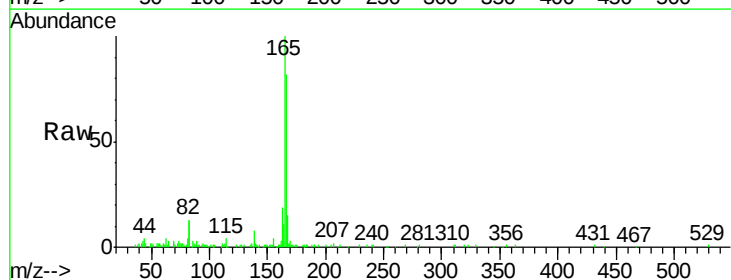
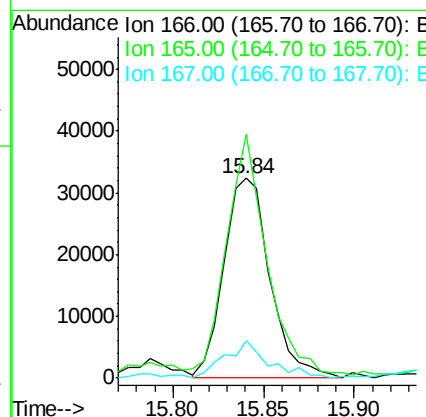
RT: 15.84 min Scan# 2213

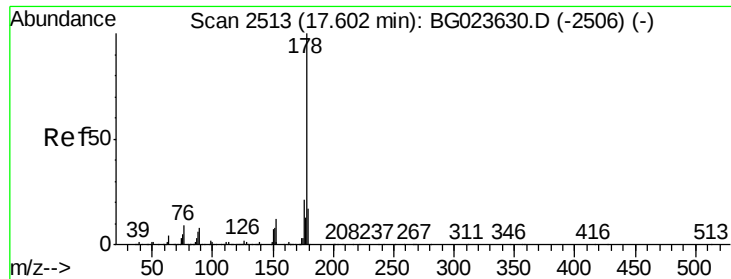
Delta R.T. -0.00 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt Ion:	166	Resp:	57123
Ion Ratio	Lower	Upper	
166	100		
165	121.8	80.3	120.5#
167	18.6	10.3	15.5#





#69

Phenanthrene

Concen: 14.50 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Instrument :

BNA_G

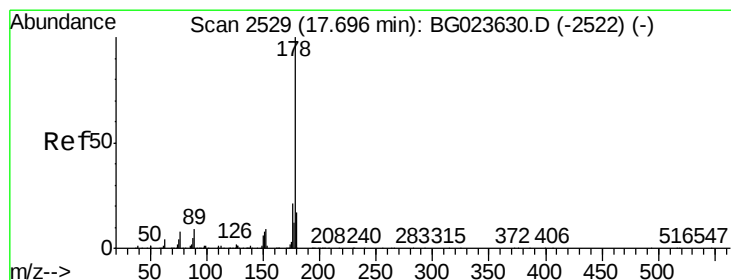
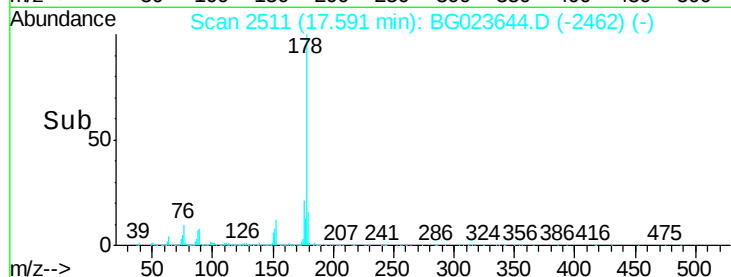
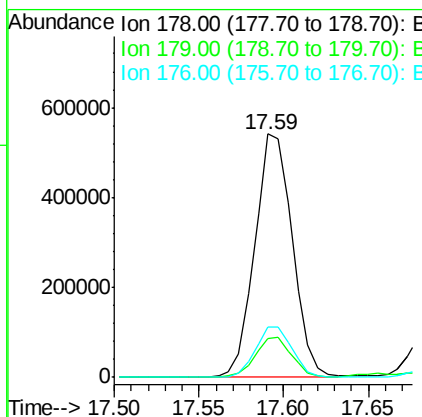
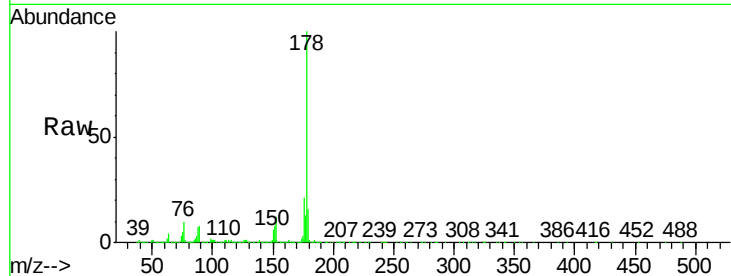
ClientSampleId :

PR001-SS004-1218-01

Tgt Ion:	178	Resp:	833766
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	20.7	15.8	23.8

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#71

Anthracene

Concen: 2.82 ng/ul

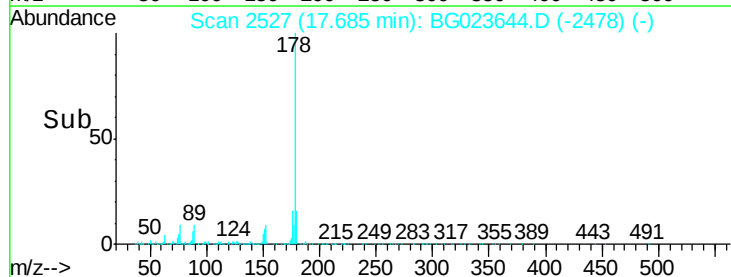
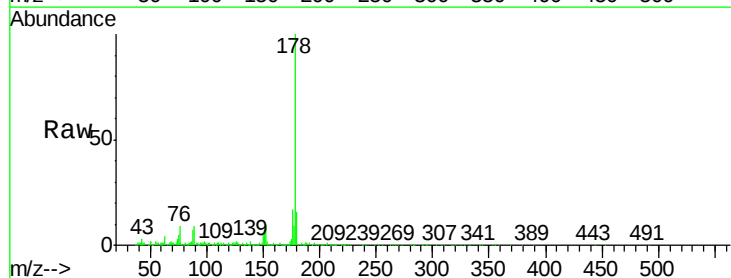
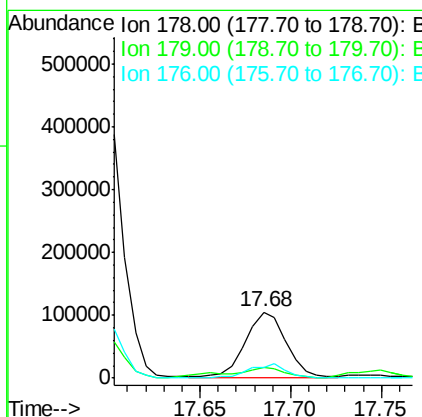
RT: 17.68 min Scan# 2527

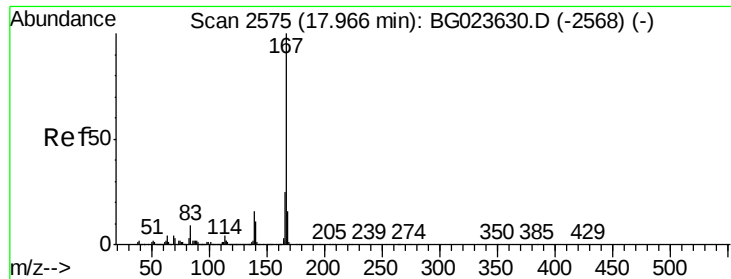
Delta R.T. -0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt Ion:	178	Resp:	165765
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.3	18.5
176	16.6	16.3	24.5





#72

Carbazole

Concen: 1.37 ng/ul

RT: 17.96 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Instrument :

BNA_G

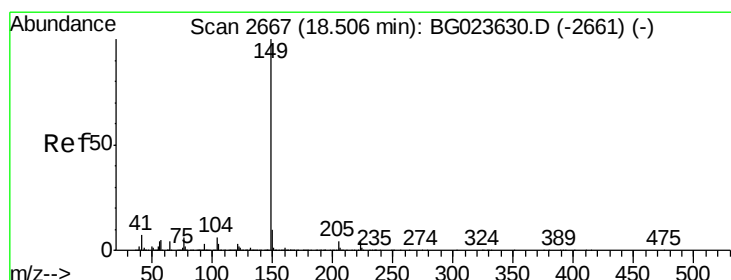
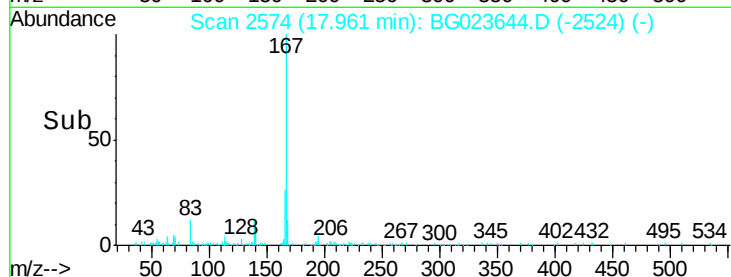
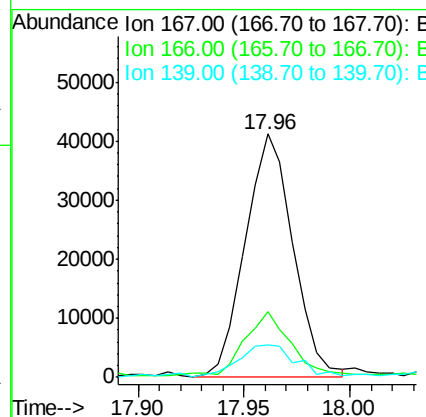
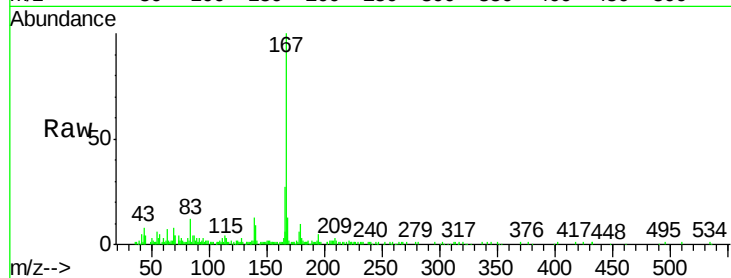
ClientSampleId :

PR001-SS004-1218-01

Tgt Ion:	167	Resp:	64693
Ion Ratio	Lower	Upper	
167	100		
166	27.0	19.2	28.8
139	13.1	10.2	15.4

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#73

Di-n-butylphthalate

Concen: 1.78 ng/ul

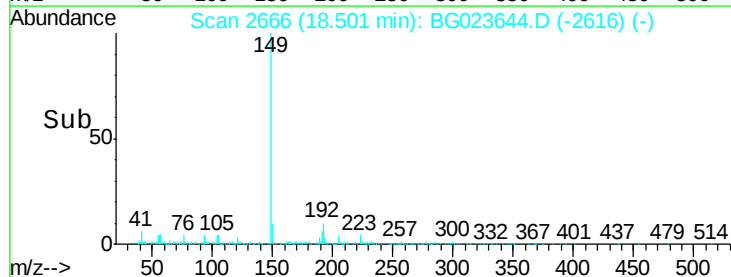
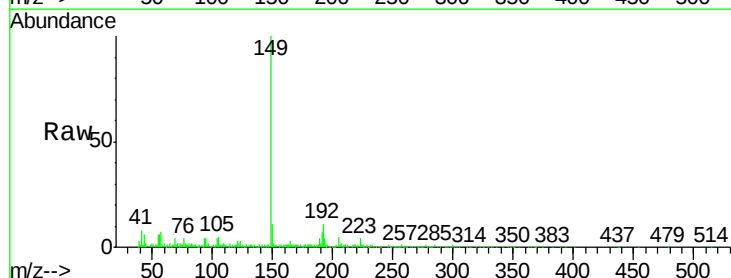
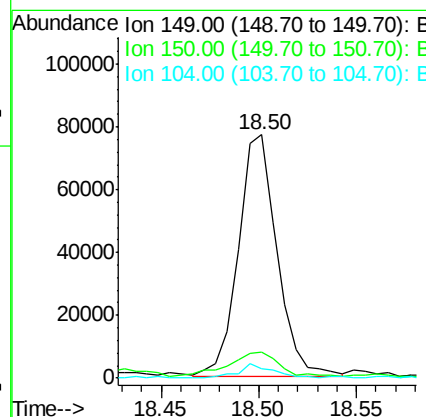
RT: 18.50 min Scan# 2666

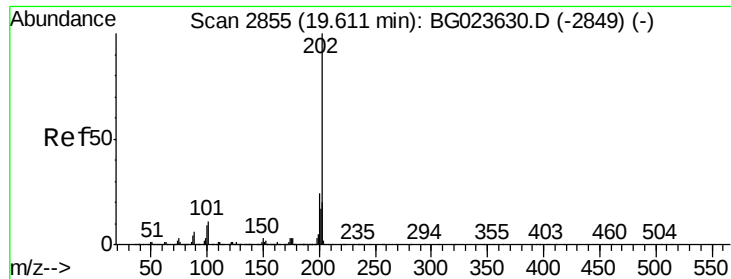
Delta R.T. -0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt Ion:	149	Resp:	105487
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.1	10.7
104	4.1	3.3	4.9





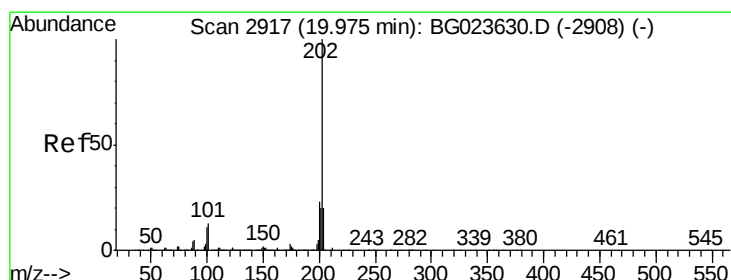
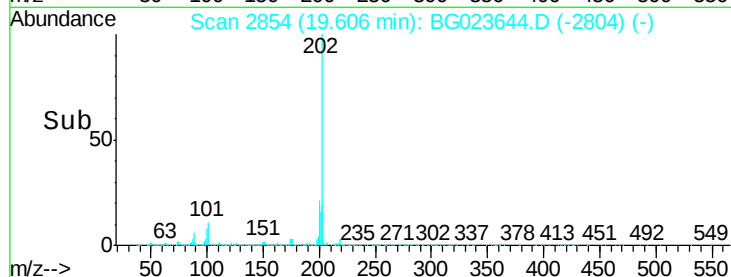
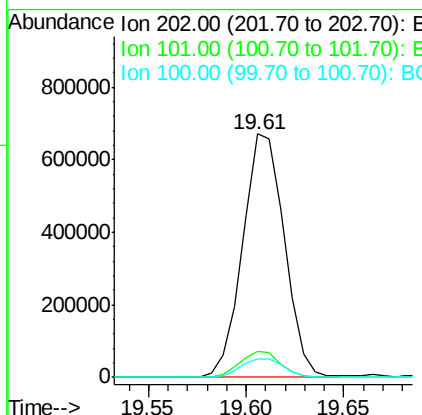
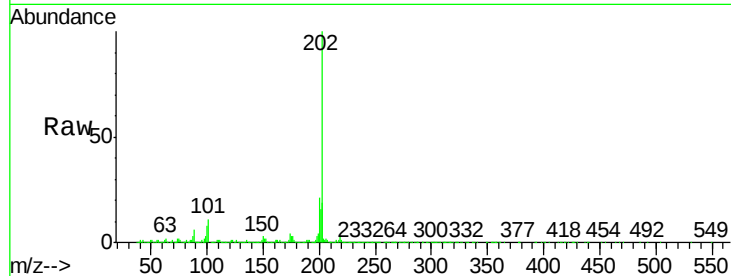
#74
Fluoranthene
Concen: 16.82 ng/ul
RT: 19.61 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG023644.D
Acq: 12 Aug 2016 5:06

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	10.6	16.0
100	7.8	8.7	13.1

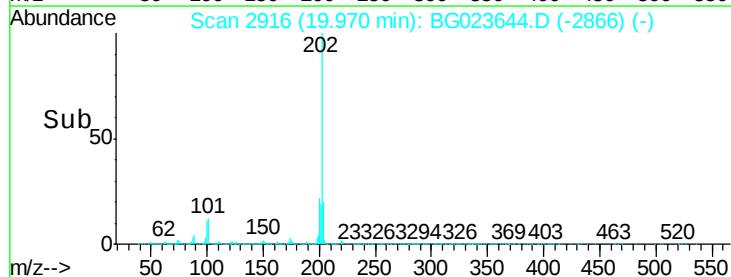
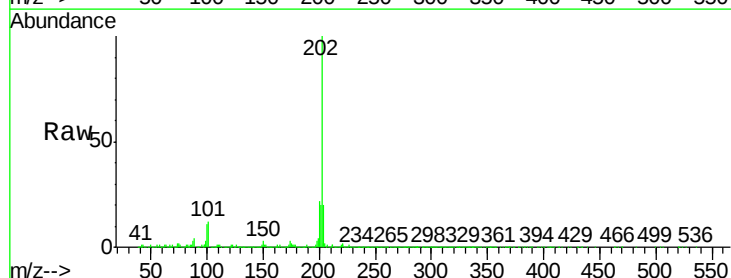
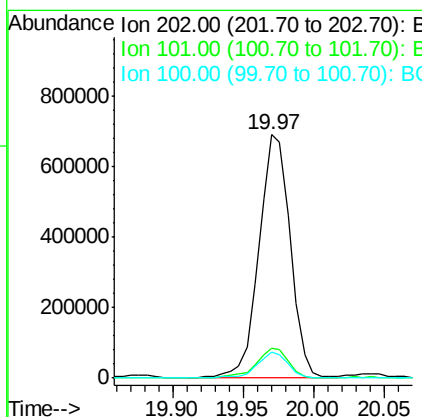
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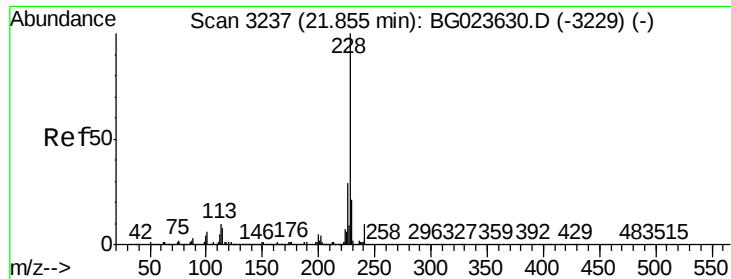
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#77
Pyrene
Concen: 15.50 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BG023644.D
Acq: 12 Aug 2016 5:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	12.5	18.7
100	10.9	10.2	15.4





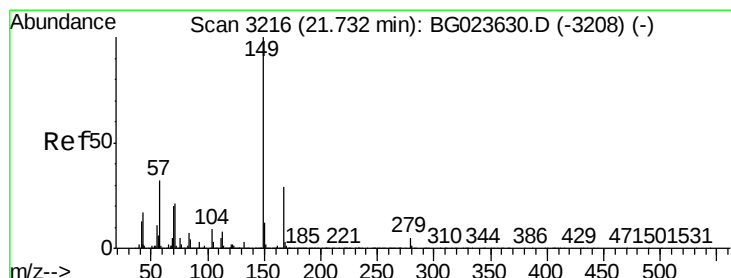
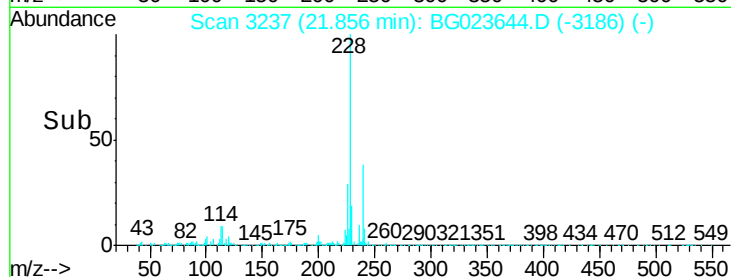
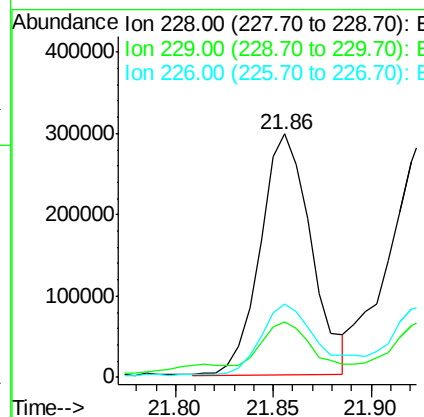
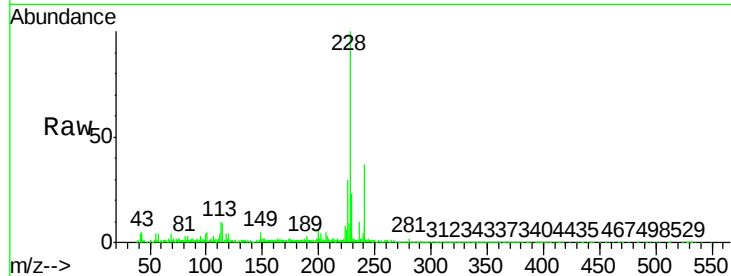
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Benzo(a)anthracene
Concen: 8.50 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG023644.D
Acq: 12 Aug 2016 5:06

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.8	15.4	23.2
226	30.0	22.8	34.2

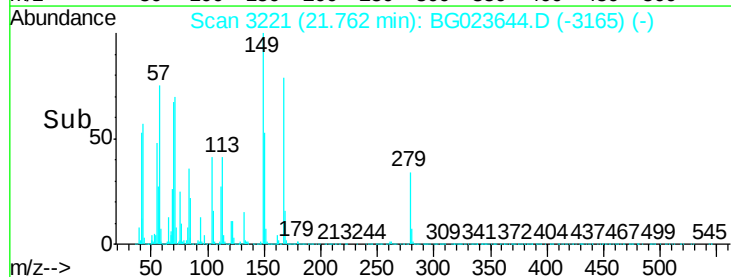
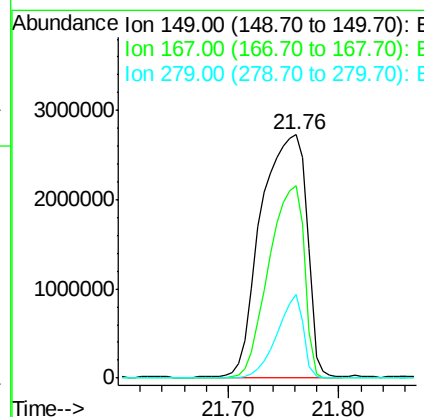
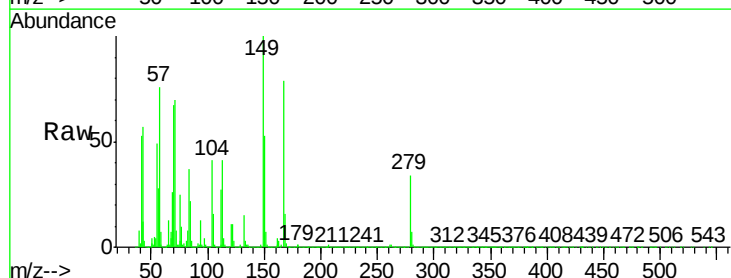
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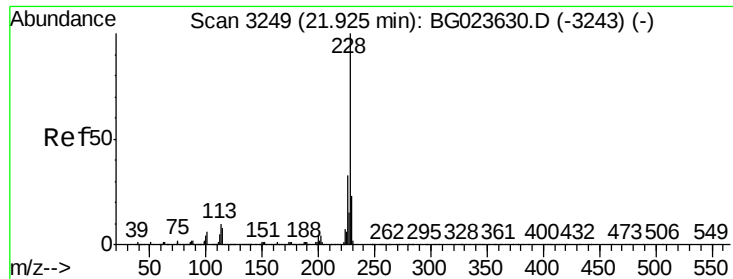
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#81
Bis(2-ethylhexyl)phthalate
Concen: 224.90 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. 0.03 min
Lab File: BG023644.D
Acq: 12 Aug 2016 5:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	79.0	21.9	32.9#
279	34.4	2.9	4.3#





#82

Chrysene

Concen: 9.93 ng/ul

RT: 21.93 min Scan# 3249

Delta R.T. 0.00 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Instrument :

BNA_G

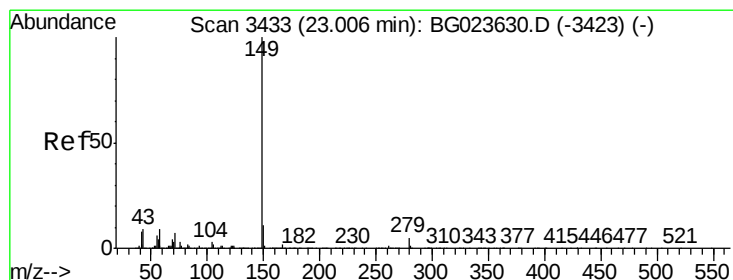
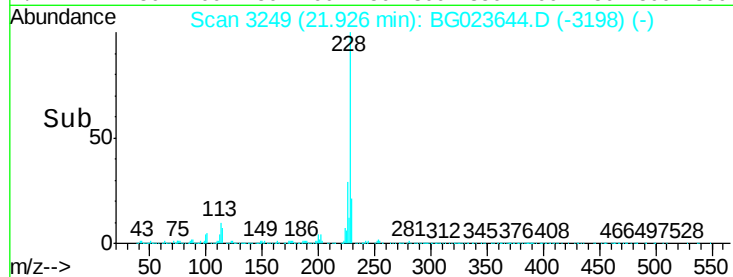
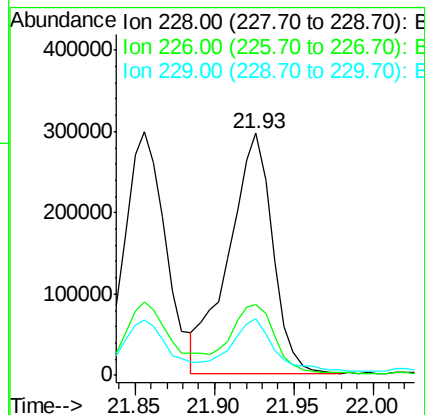
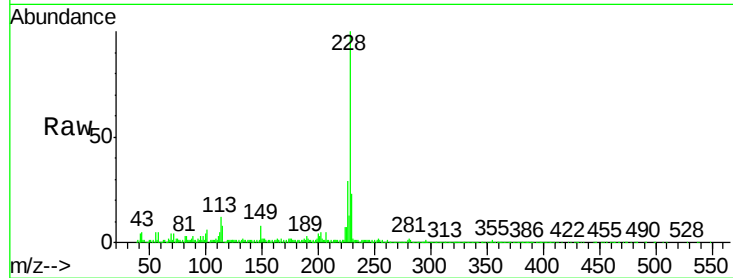
ClientSampleId :

PR001-SS004-1218-01

Tgt Ion:	228	Resp:	568370
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.2	36.4
229	23.2	15.0	22.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 15.68 ng/ul

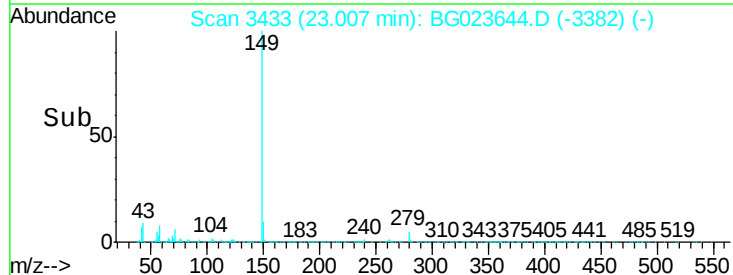
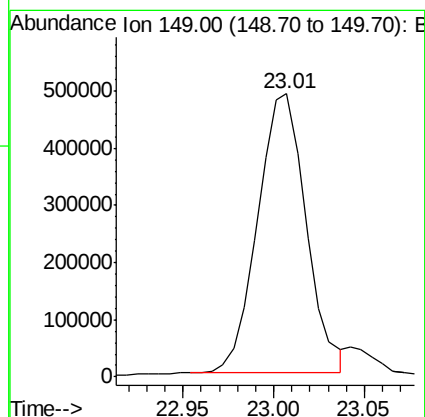
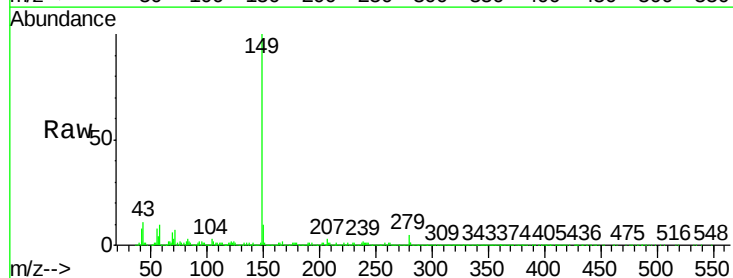
RT: 23.01 min Scan# 3433

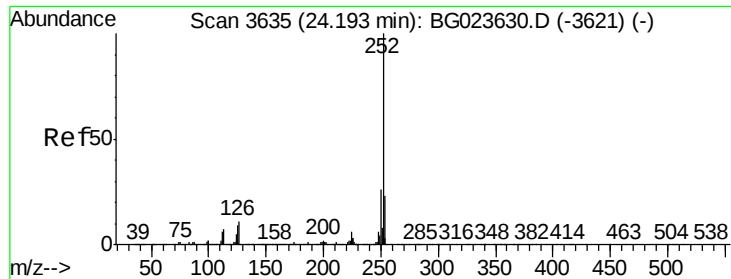
Delta R.T. 0.00 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt Ion:149 Resp: 905551





#85

Benzo(b)fluoranthene

Concen: 9.70 ng/ul m

RT: 24.20 min Scan# 3636

Delta R.T. 0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Instrument :

BNA_G

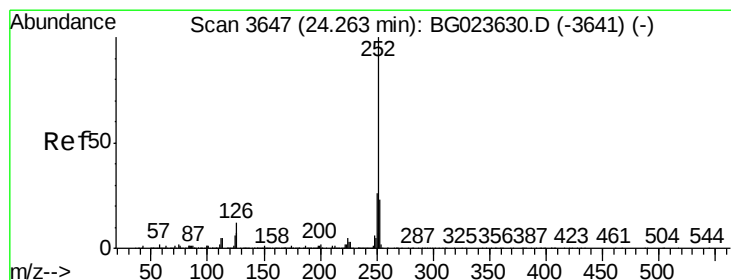
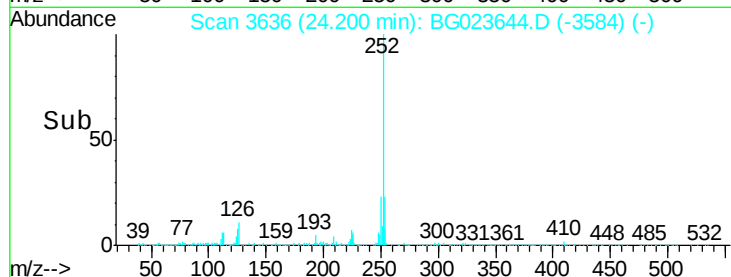
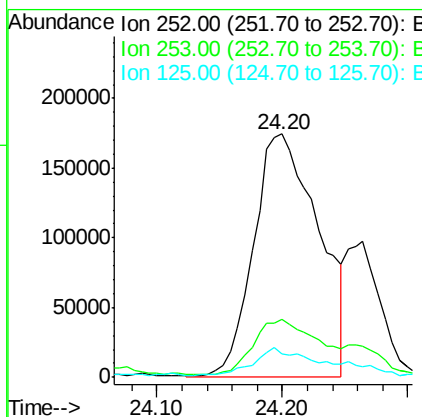
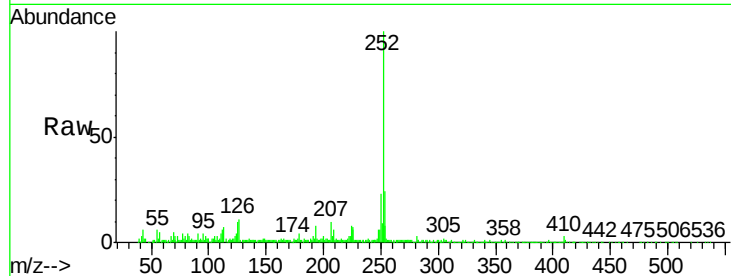
ClientSampleId :

PR001-SS004-1218-01

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	24.0	18.2	27.2	
125	9.6	10.8	16.2	

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#86

Benzo(k)fluoranthene

Concen: 2.89 ng/ul m

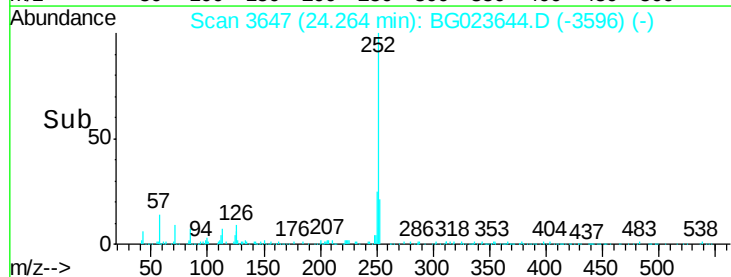
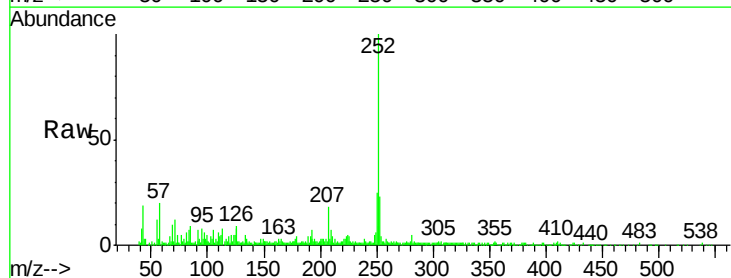
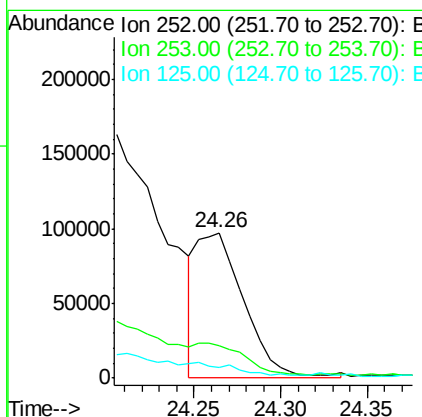
RT: 24.26 min Scan# 3647

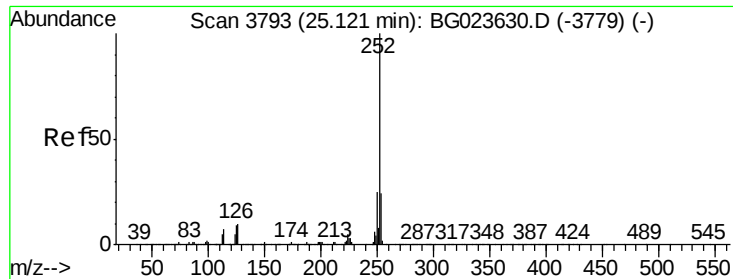
Delta R.T. 0.00 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.6	15.8	23.6	
125	7.7	10.6	16.0	





#88

Benzo(a)pyrene

Concen: 7.35 ng/ul m

RT: 25.12 min Scan# 3793

Delta R.T. 0.00 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Instrument :

BNA_G

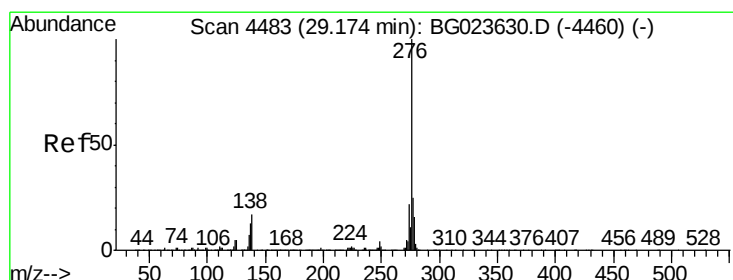
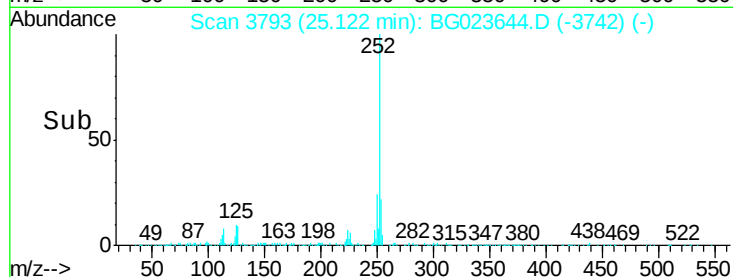
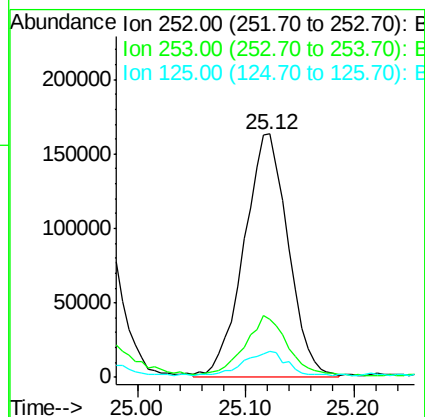
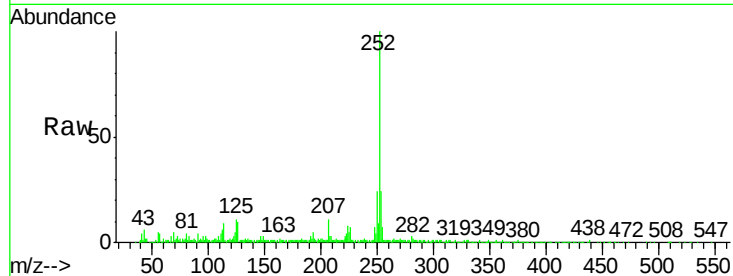
ClientSampleId :

PR001-SS004-1218-01

Tgt Ion:	252	Resp:	461418
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.0	28.4
125	10.9	12.0	18.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.98 ng/ul

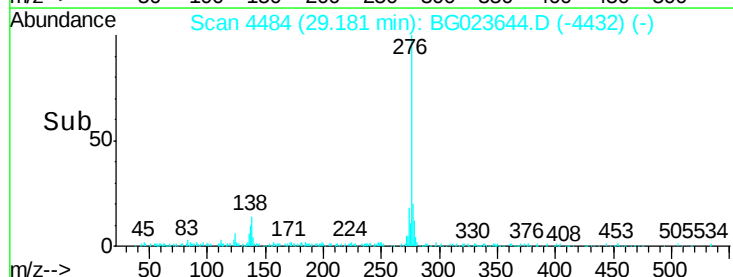
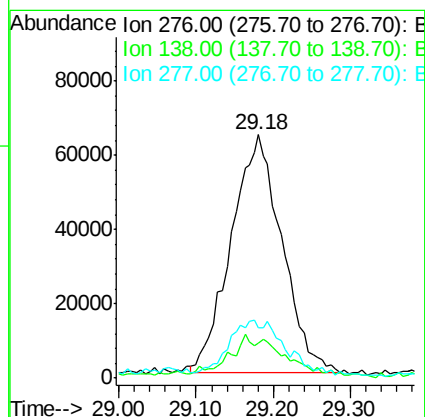
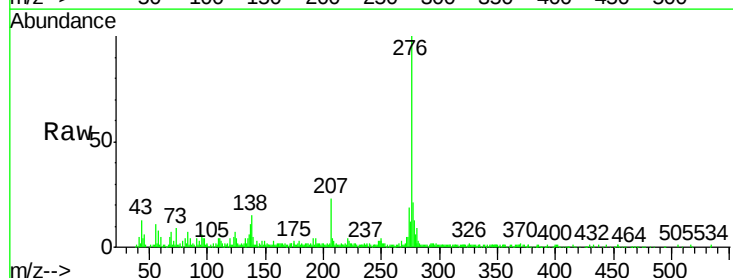
RT: 29.18 min Scan# 4484

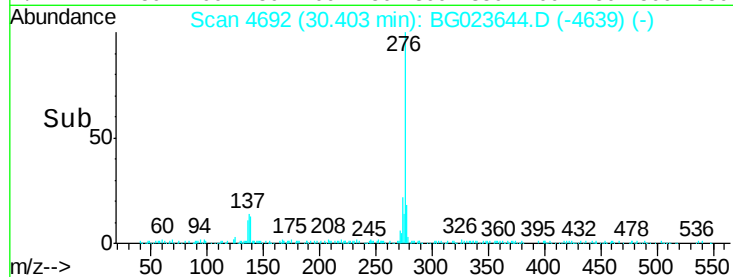
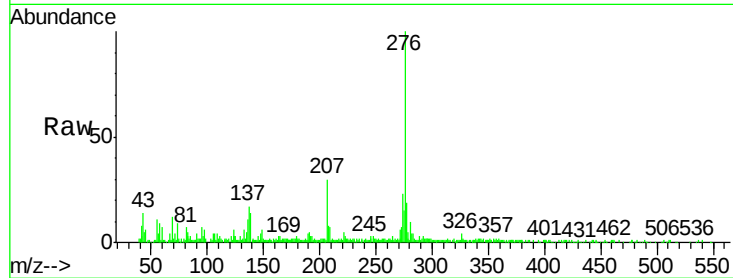
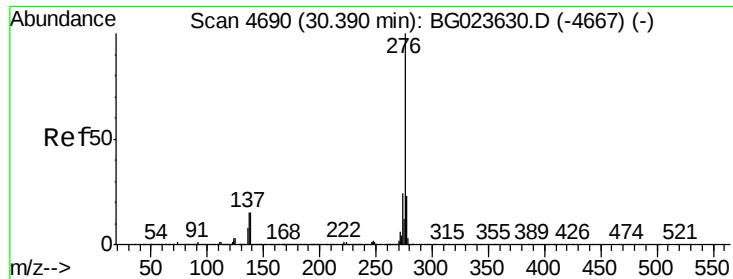
Delta R.T. 0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt Ion:	276	Resp:	293627
Ion Ratio	Lower	Upper	
276	100		
138	14.6	20.8	31.2#
277	20.8	17.6	26.4





#91

Benzo(g,h,i)perylene

Concen: 4.35 ng/ul m

RT: 30.40 min Scan# 4692

Delta R.T. 0.01 min

Lab File: BG023644.D

Acq: 12 Aug 2016 5:06

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	14.3	22.1	33.1#	
277	19.2	17.0	25.4	

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-1218-01

Manual Integrations
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