

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030799.D
 Acq On : 7 Nov 2017 6:11
 Operator : SJ/JU
 Sample : I6188-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EN0

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:38:05 PM

Quant Time: Nov 07 08:17:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	102640	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	470148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	304442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	734519	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	766268	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	794081	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	7789	3.08	ng/uL	0.00
5) Phenol-d5	7.31	99	149287	15.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	95728	15.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	131858	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	91723	11.53	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	66123	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	79039	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	135426	17.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	131748	14.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	449212	17.26	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	574378	18.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	59374	12.36	ng/ul	0.00
57) Fluorene-d10	15.76	176	426162	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	30043	8.38	ng/ul	0.00
70) Anthracene-d10	17.61	188	645101	18.57	ng/ul	0.00
76) Pyrene-d10	19.89	212	760704	19.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	740209	19.68	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.34	94	15698	1.540	ng/ul	94
44) Dimethylphthalate	14.21	163	30471	1.200	ng/ul#	96
69) Phenanthrene	17.55	178	256896	6.470	ng/ul	99
71) Anthracene	17.64	178	42501	1.037	ng/ul	97
74) Fluoranthene	19.55	202	501708	11.306	ng/ul	99
77) Pyrene	19.92	202	446559	8.695	ng/ul	97
80) Benzo(a)anthracene	21.77	228	279557	5.821	ng/ul	98
82) Chrysene	21.83	228	283525	6.498	ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	383417	8.043	ng/ul	99
86) Benzo(k)fluoranthene	24.10	252	126044m	2.735	ng/ul	
88) Benzo(a)pyrene	24.94	252	256615	5.530	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.89	276	184672	3.518	ng/ul	97
90) Dibenzo(a,h)anthracene	28.92	278	55433m	1.271	ng/ul	
91) Benzo(g,h,i)perylene	30.07	276	154062	3.540	ng/ul#	95

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

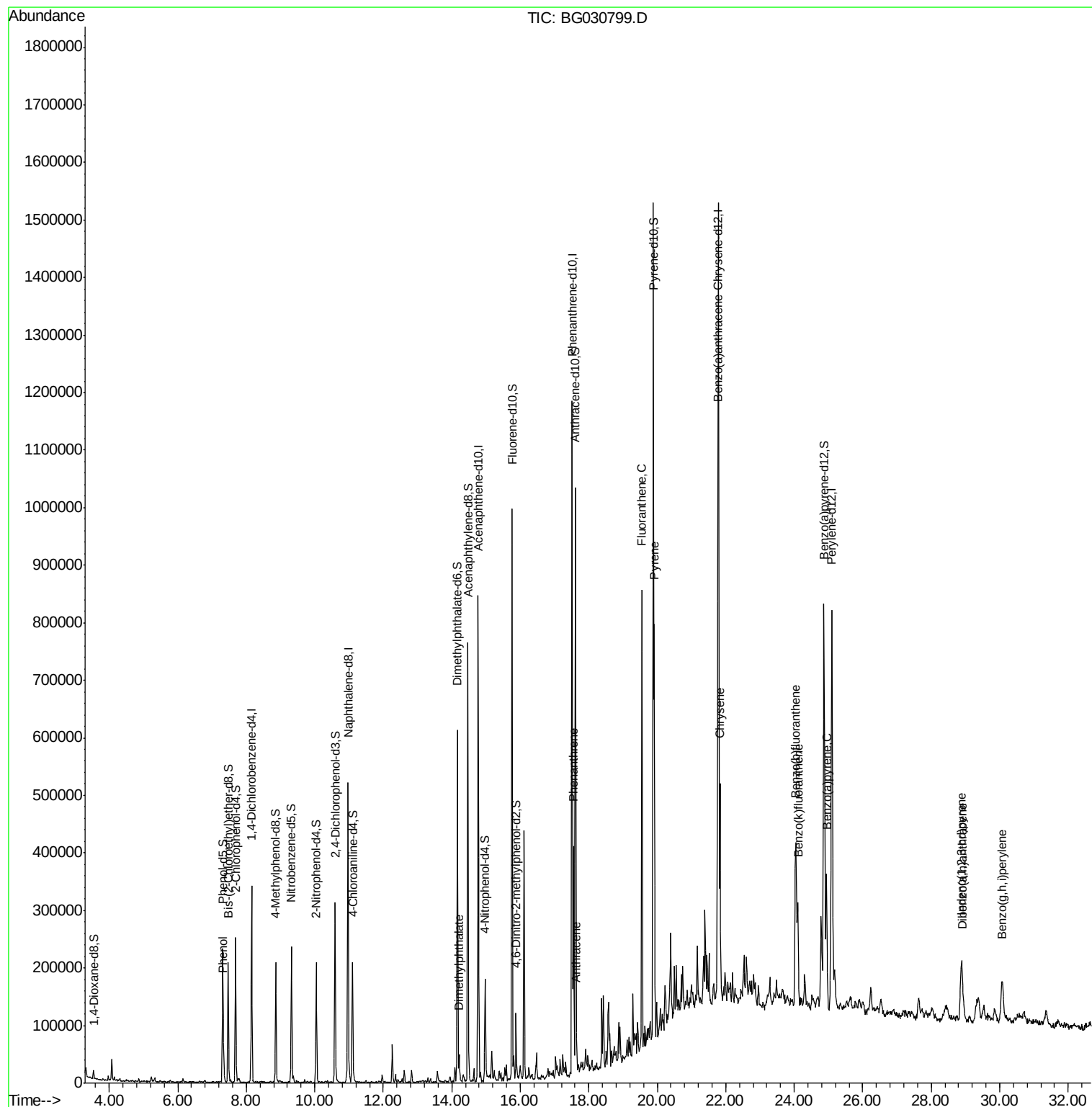
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030799.D
Acq On : 7 Nov 2017 6:11
Operator : SJ/JU
Sample : I6188-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

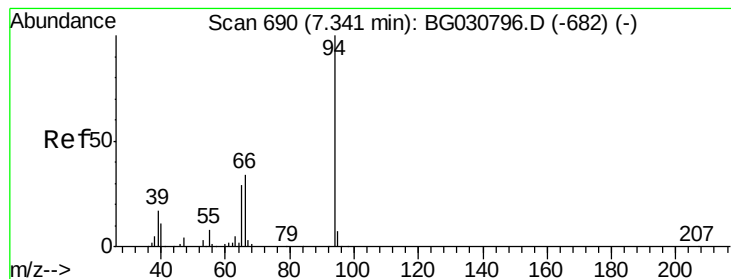
Instrument :
BNA_G
ClientSampled :
B0EN0

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Quant Time: Nov 07 08:17:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 08:04:16 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.540 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Instrument :

BNA_G

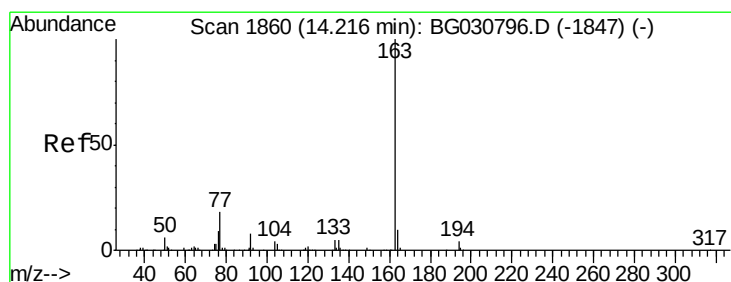
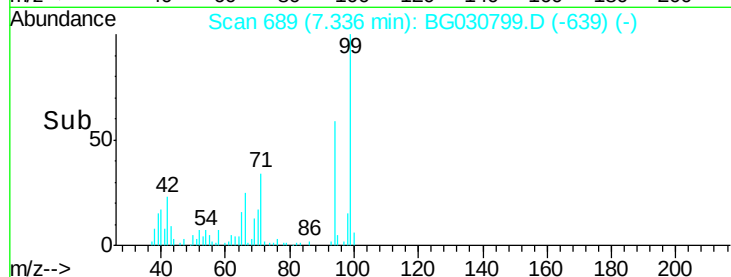
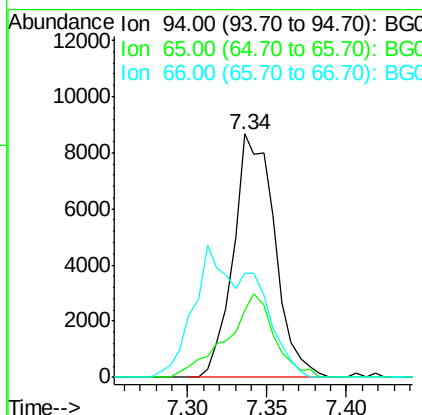
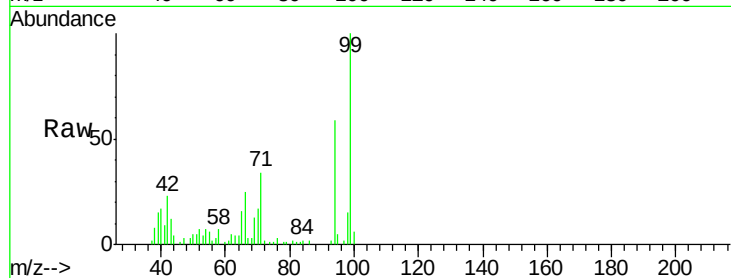
ClientSampled :

B0EN0

Tgt Ion:	94	Resp:	15698
Ion Ratio	Lower	Upper	
94	100		
65	27.3	27.1	40.7
66	42.7	34.6	52.0

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#44

Dimethylphthalate

Concen: 1.200 ng/ul

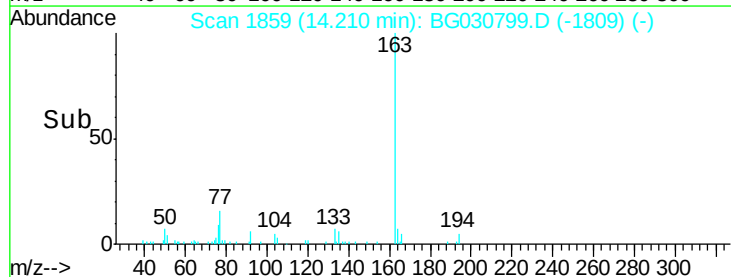
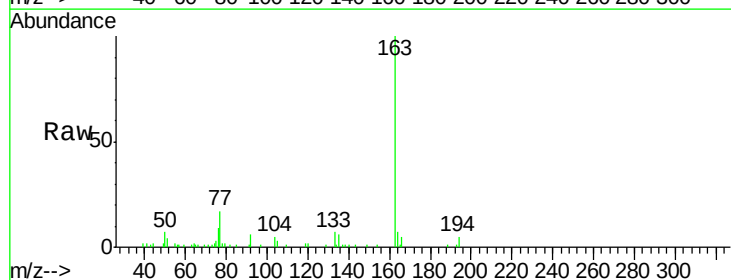
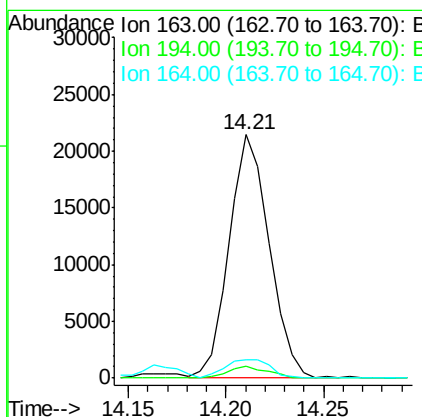
RT: 14.21 min Scan# 1859

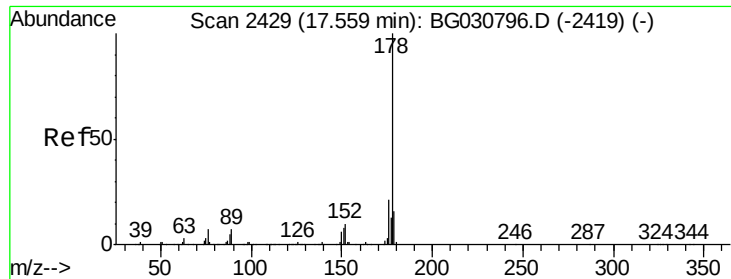
Delta R.T. -0.01 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Tgt Ion:	163	Resp:	30471
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	7.5	7.6	11.4#





#69

Phenanthrene

Concen: 6.470 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Instrument :

BNA_G

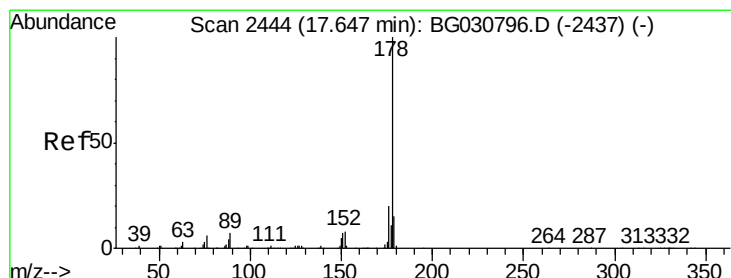
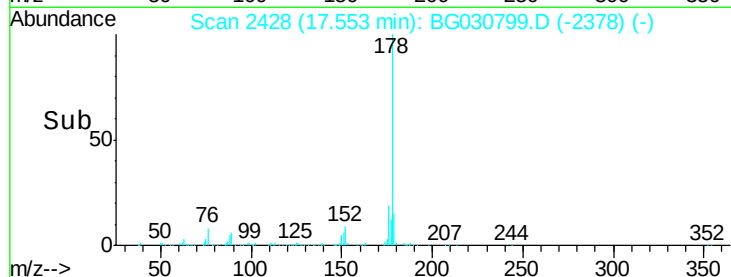
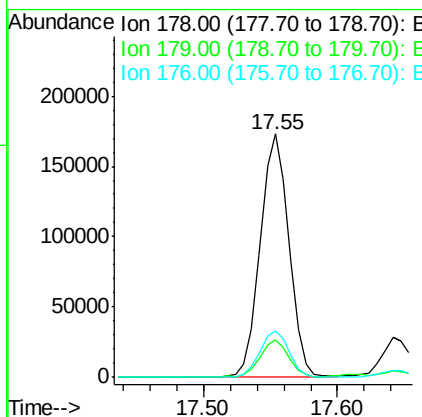
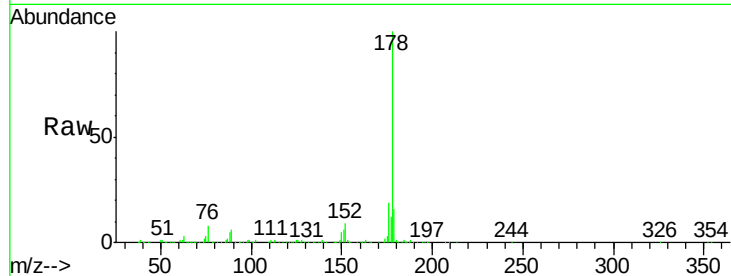
ClientSampleId :

B0EN0

Tgt Ion:	178	Resp:	256896
Ion Ratio		Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.3	15.3	22.9

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#71

Anthracene

Concen: 1.037 ng/ul

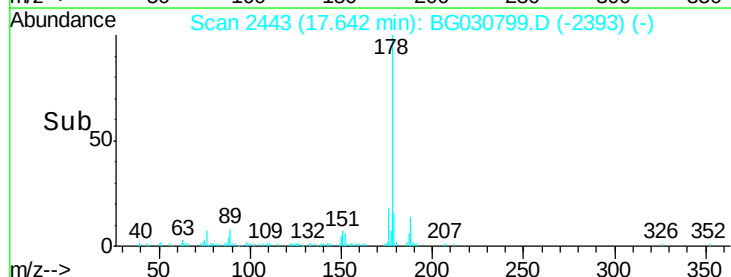
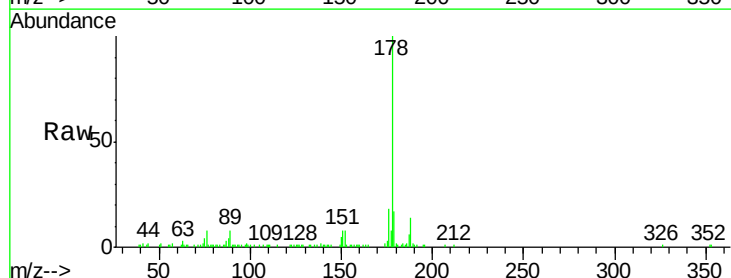
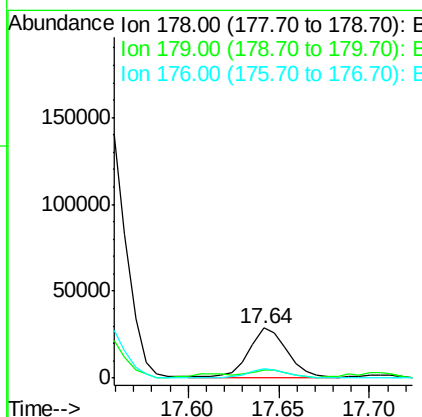
RT: 17.64 min Scan# 2443

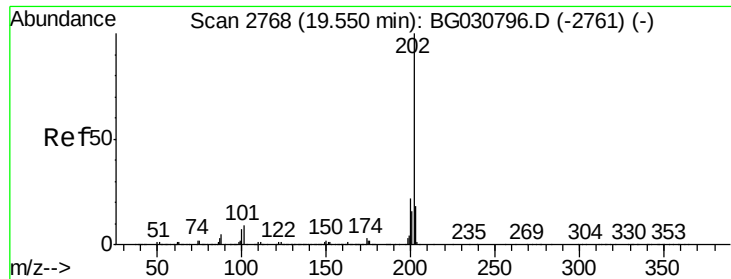
Delta R.T. -0.01 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Tgt Ion:	178	Resp:	42501
Ion Ratio		Lower	Upper
178	100		
179	17.0	13.2	19.8
176	18.0	16.0	24.0





#74

Fluoranthene

Concen: 11.306 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Instrument :

BNA_G

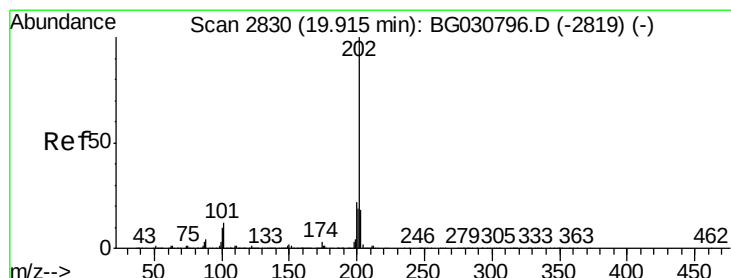
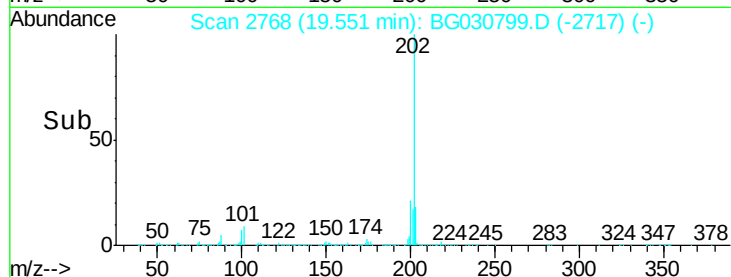
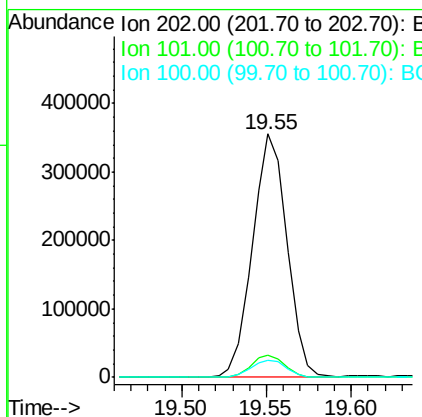
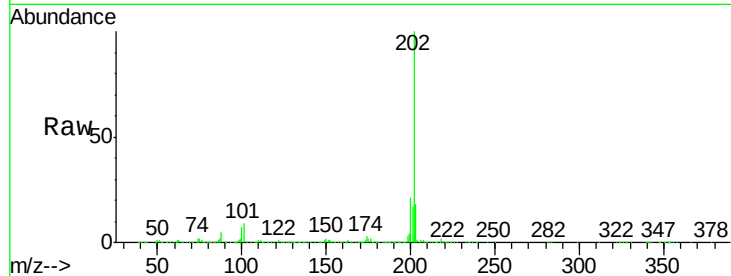
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		501708		
101	9.0	7.4	11.2		
100	7.2	5.6	8.4		

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#77

Pyrene

Concen: 8.695 ng/ul

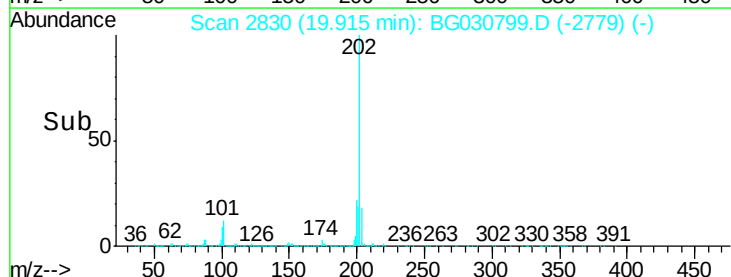
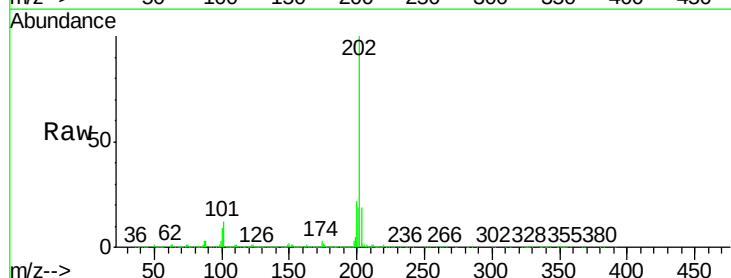
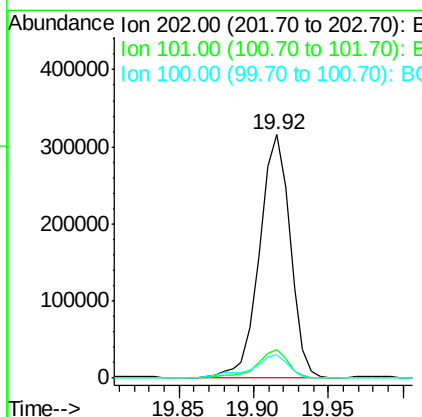
RT: 19.92 min Scan# 2830

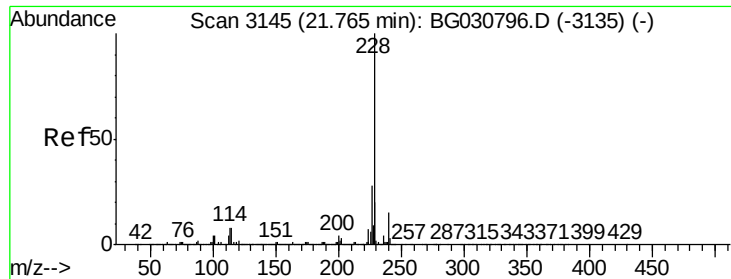
Delta R.T. 0.00 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		446559		
101	11.8	8.4	12.6		
100	9.4	7.0	10.6		





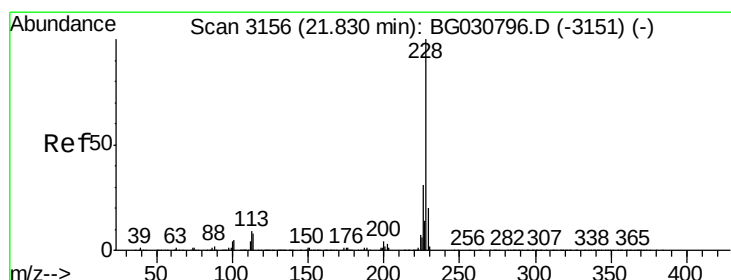
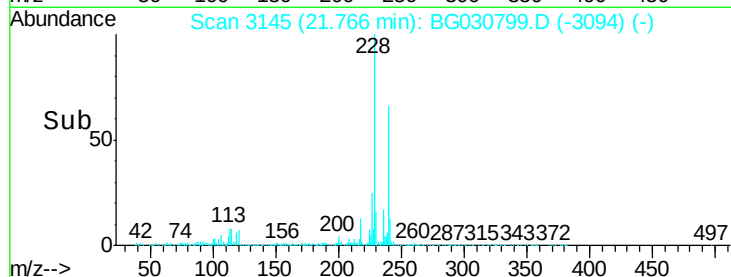
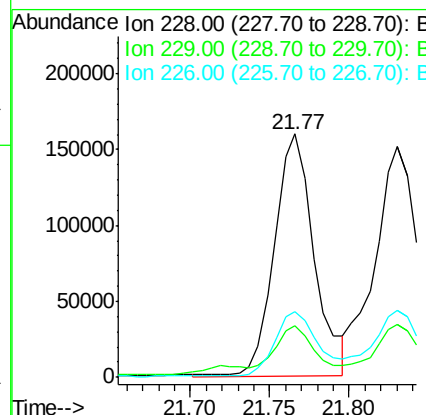
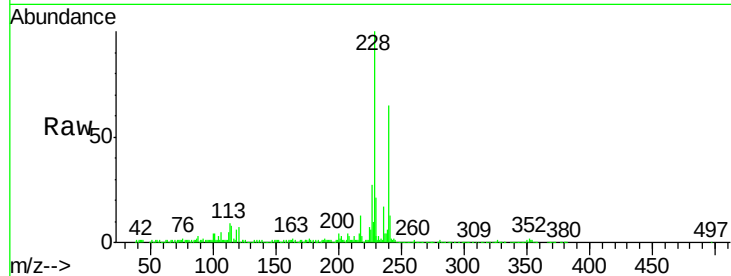
#80
Benzo(a)anthracene
Concen: 5.821 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG030799.D
Acq: 7 Nov 2017 6:11

Instrument :
BNA_G
ClientSampleId :
B0EN0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.4
226	27.0	22.2	33.2

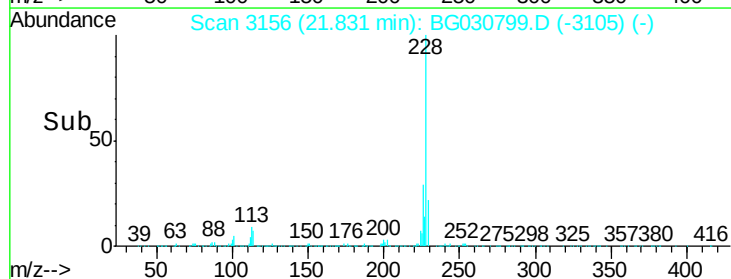
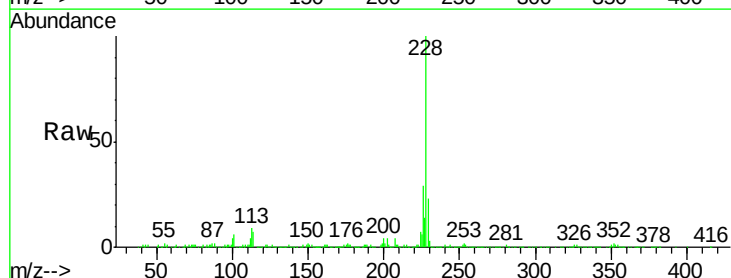
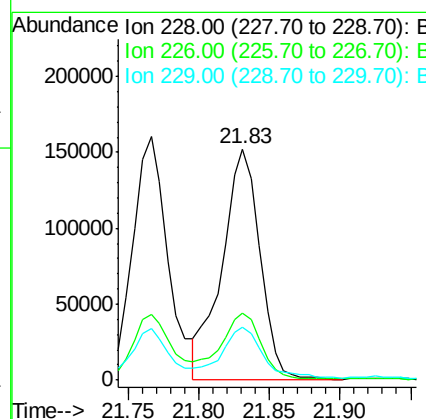
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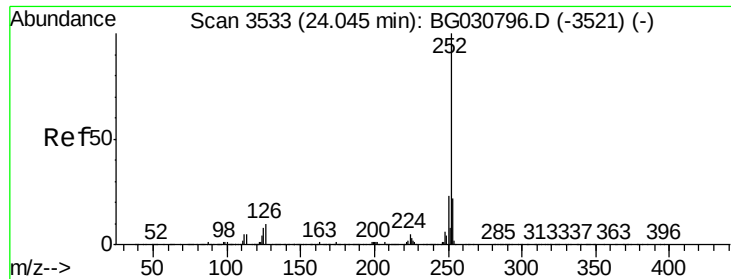
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#82
Chrysene
Concen: 6.498 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG030799.D
Acq: 7 Nov 2017 6:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	22.8	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 8.043 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Instrument :

BNA_G

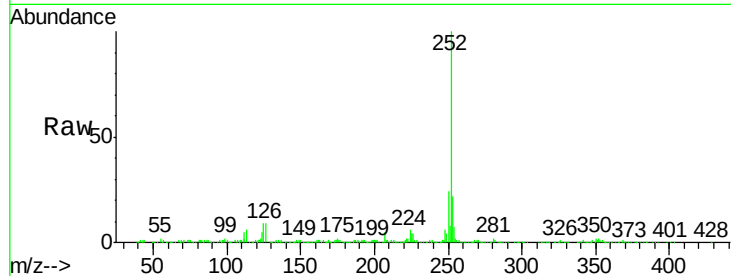
ClientSampleId :

B0EN0

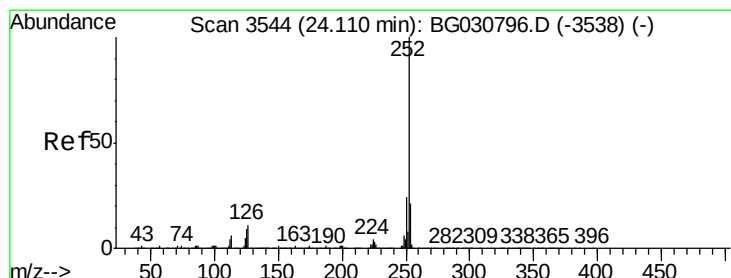
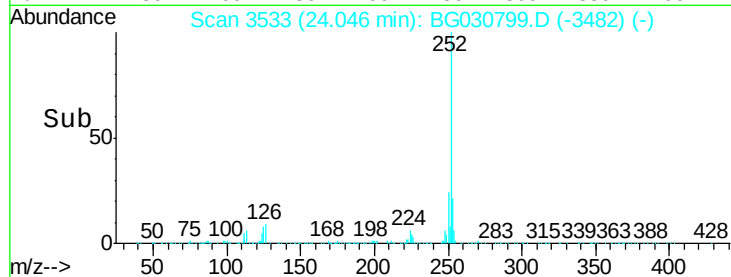
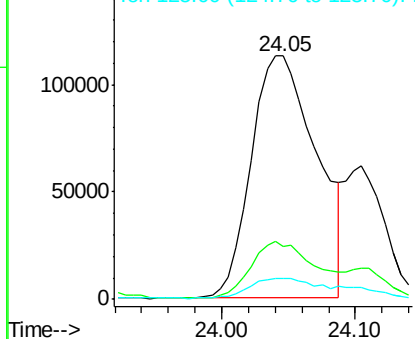
Tgt Ion:	252	Resp:	383417
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.4
125	8.8	7.5	11.3

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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



#86

Benzo(k)fluoranthene

Concen: 2.735 ng/ul m

RT: 24.10 min Scan# 3543

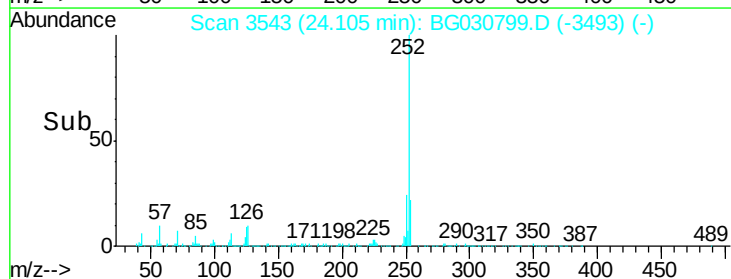
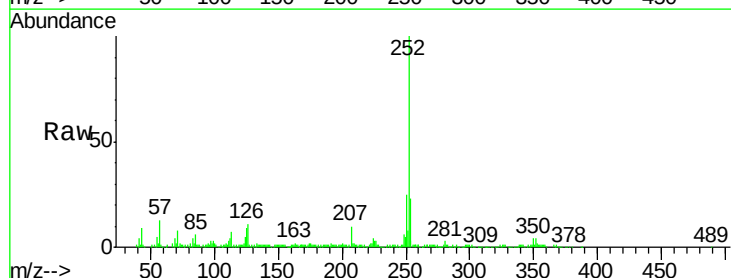
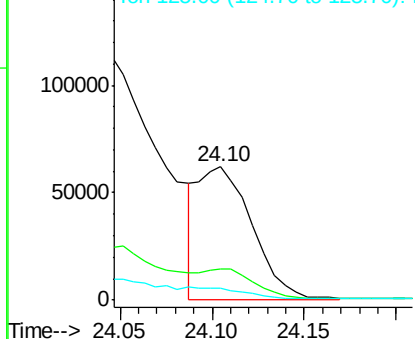
Delta R.T. -0.01 min

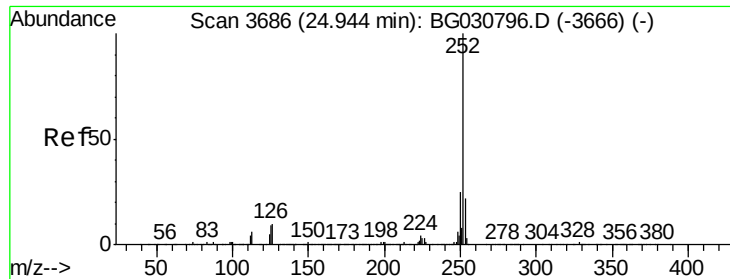
Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Tgt Ion:	252	Resp:	126044
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	9.3	7.8	11.8

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





#88

Benzo(a)pyrene

Concen: 5.530 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Instrument :

BNA_G

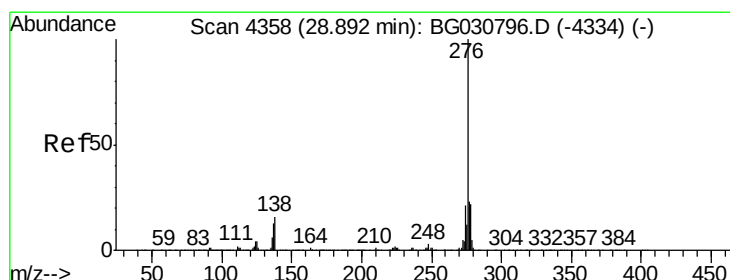
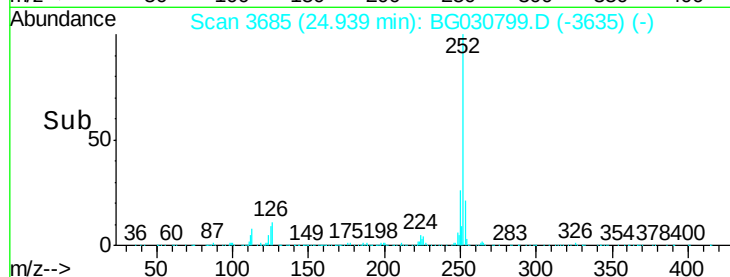
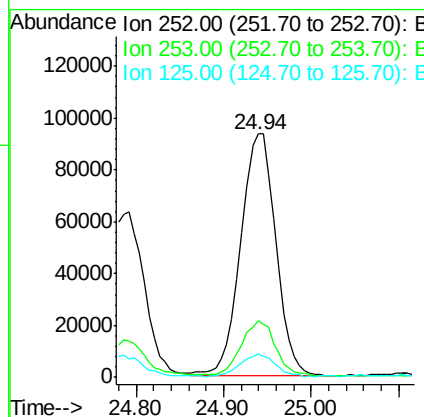
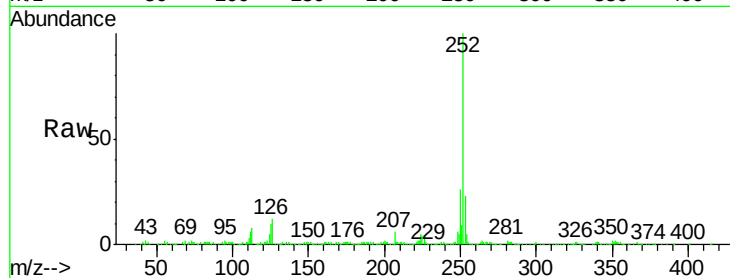
ClientSampleId :

B0EN0

Tgt Ion:	252	Resp:	256615
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	9.8	7.8	11.8

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.518 ng/ul

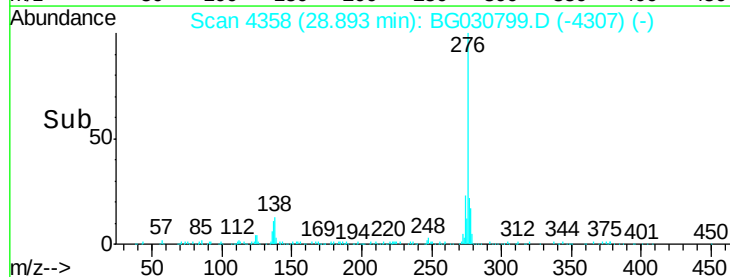
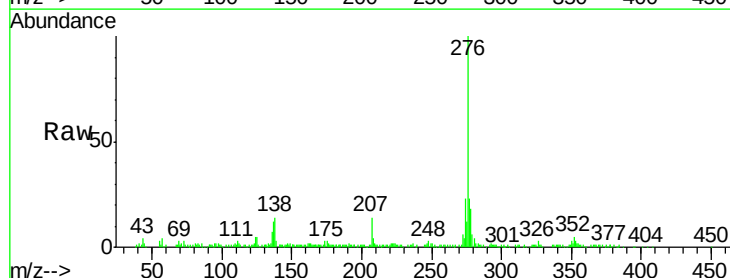
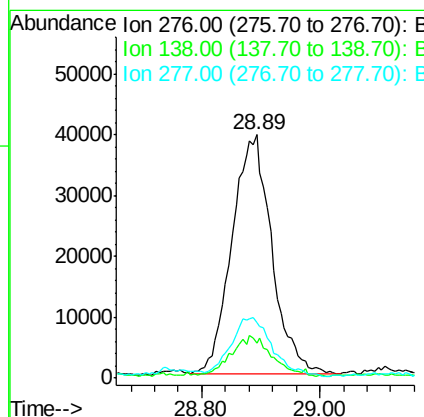
RT: 28.89 min Scan# 4358

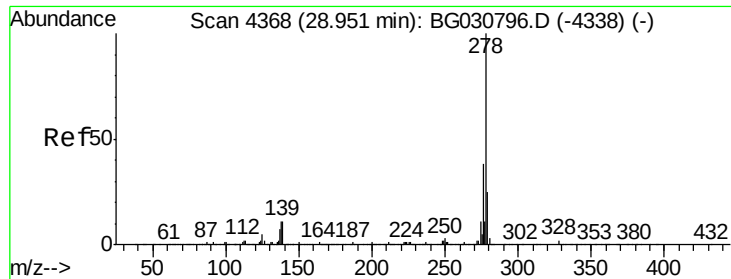
Delta R.T. 0.00 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Tgt Ion:	276	Resp:	184672
Ion Ratio	Lower	Upper	
276	100		
138	14.4	13.4	20.0
277	22.9	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 1.271 ng/ul m

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Instrument :

BNA_G

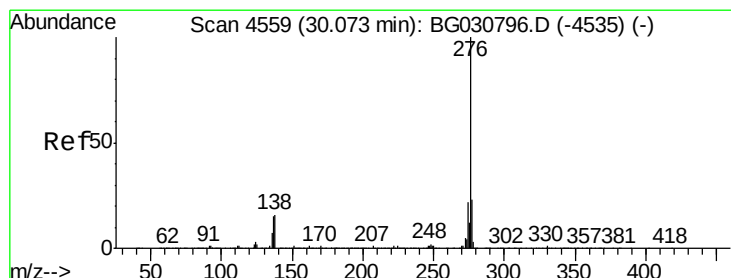
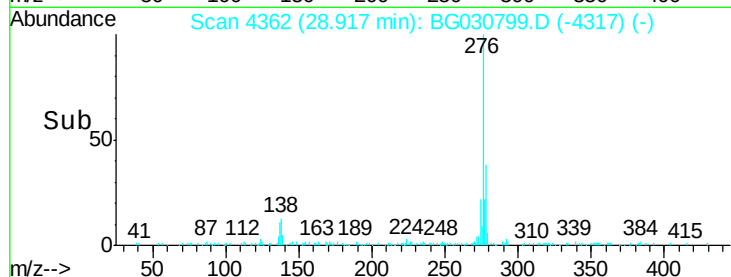
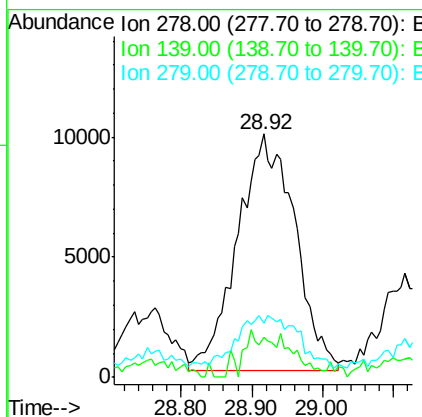
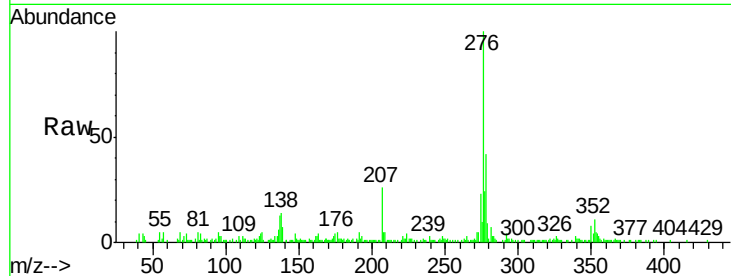
ClientSampled :

B0EN0

Tgt Ion:	278	Resp:	55433
Ion Ratio	Lower	Upper	
278	100		
139	16.7	9.4	14.2#
279	22.3	18.4	27.6

Manual Integrations
APPROVED

Sohil
11/7/2017 5:38:05 PM



#91

Benzo(g,h,i)perylene

Concen: 3.540 ng/ul

RT: 30.07 min Scan# 4559

Delta R.T. 0.00 min

Lab File: BG030799.D

Acq: 7 Nov 2017 6:11

Tgt Ion:	276	Resp:	154062
Ion Ratio	Lower	Upper	
276	100		
138	18.6	12.1	18.1#
277	20.9	17.7	26.5

