

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029136.D
 Acq On : 10 Oct 2017 11:46
 Operator : SJ/JU
 Sample : I5577-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH76MS

Manual Integrations
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 10/11/2017 3:34:13 PM

Quant Time: Oct 11 04:34:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48898	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	205262	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	136985	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	311136	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	328383	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	338160	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	302725	21.25	ng/ul	0.00
10) Fluorene-d10	15.82	176	247927	23.99	ng/ul	0.00
14) Anthracene-d10	17.67	188	356831	23.68	ng/ul	0.00
18) Pyrene-d10	19.93	212	406336	24.19	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	376282	23.23	ng/ul	0.00
Target Compounds				Ovalue		
4) 2-Methylnaphthalene	12.67	142	10482	1.292	ng/ul	92
9) Acenaphthene	14.89	153	197733	21.182	ng/ul	95
13) Phenanthrene	17.61	178	111722	6.732	ng/ul	100
16) Fluoranthene	19.60	202	190538	9.794	ng/ul#	89
19) Pyrene	19.96	202	567037	27.701	ng/ul#	90
20) Benzo(a)anthracene	21.82	228	91653	4.739	ng/ul	94
21) Chrysene	21.89	228	100217	5.659	ng/ul	99
23) Benzo(b)fluoranthene	24.12	252	152128	7.520	ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	47476m	2.405	ng/ul	
26) Benzo(a)pyrene	25.03	252	85076	4.330	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	29.03	276	60735	2.723	ng/ul#	90
29) Benzo(g,h,i)perylene	30.23	276	41970	2.282	ng/ul#	86

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

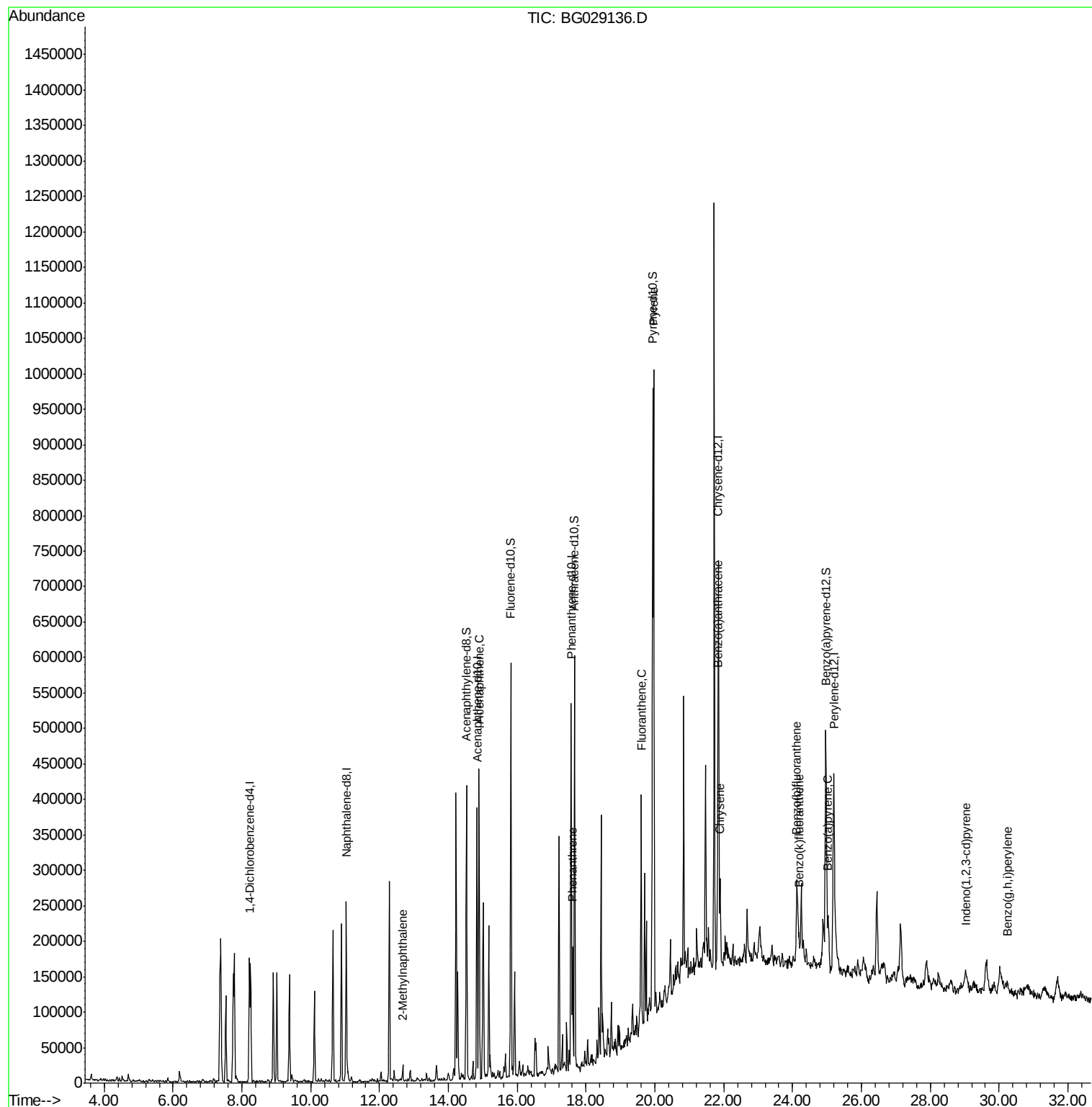
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029136.D
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Sample : I5577-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

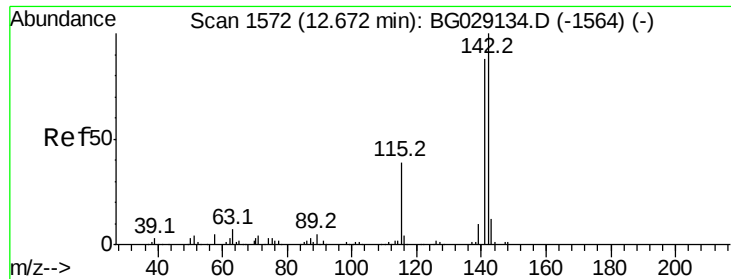
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
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#4

2-Methylnaphthalene

Concen: 1.292 ng/ul

RT: 12.67 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

Instrument :

BNA_G

ClientSampleId :

DAH76MS

Tot Ion:142 Resp: 10482

Ion Ratio Lower Upper

142 100

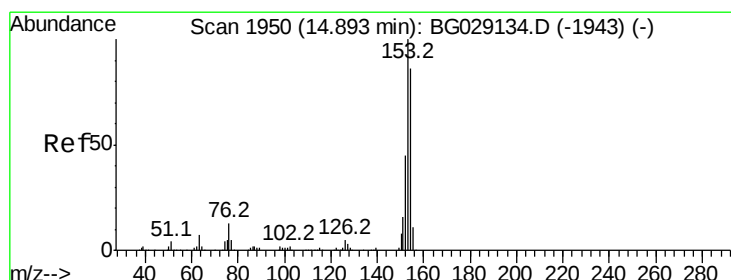
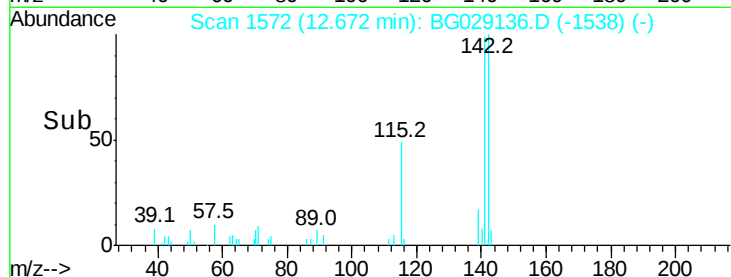
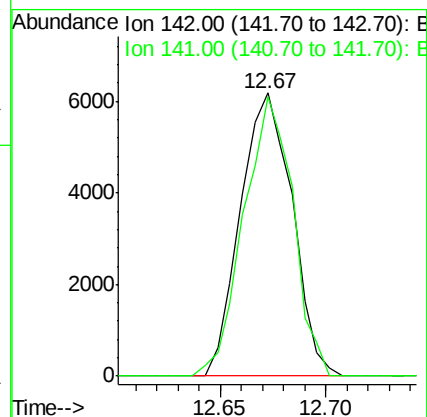
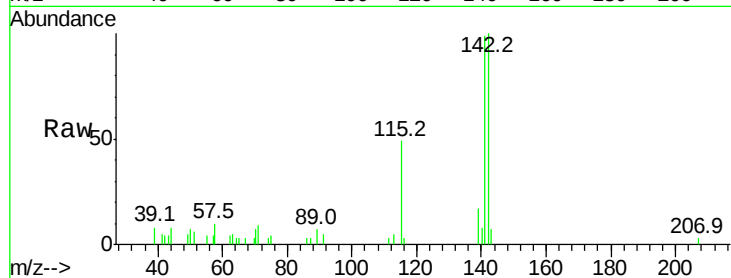
141 98.8 72.7 109.1

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#9

Acenaphthene

Concen: 21.182 ng/ul

RT: 14.89 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

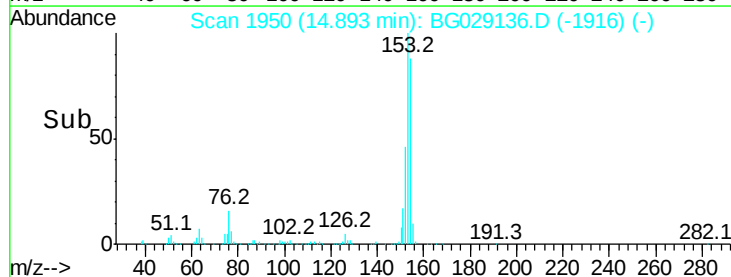
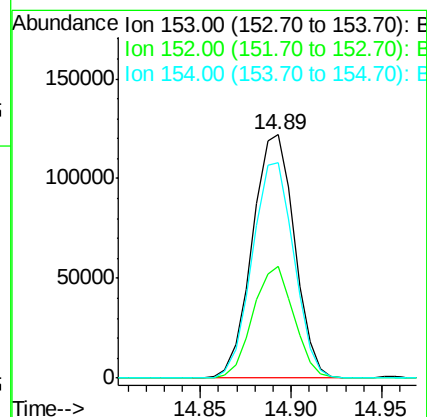
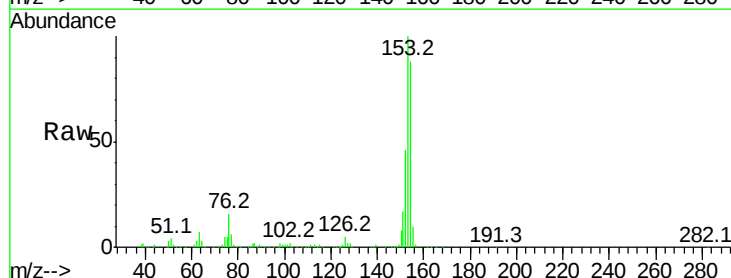
Tgt Ion:153 Resp: 197733

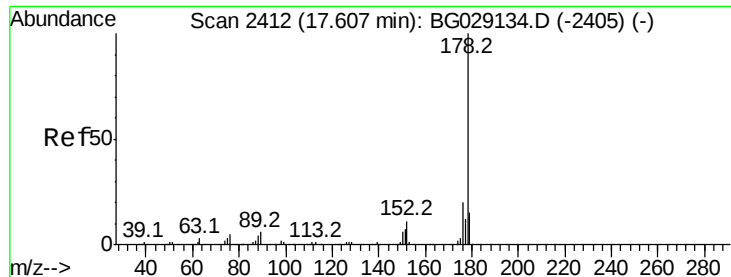
Ion Ratio Lower Upper

153 100

152 45.8 39.0 58.6

154 88.3 66.8 100.2





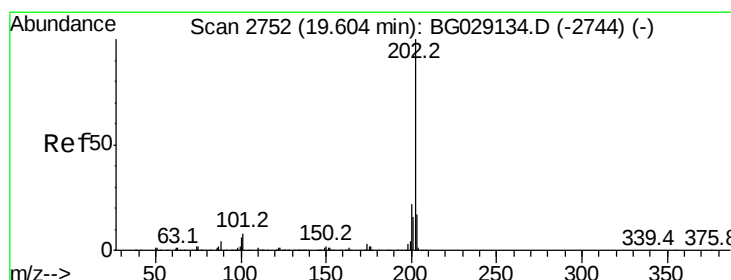
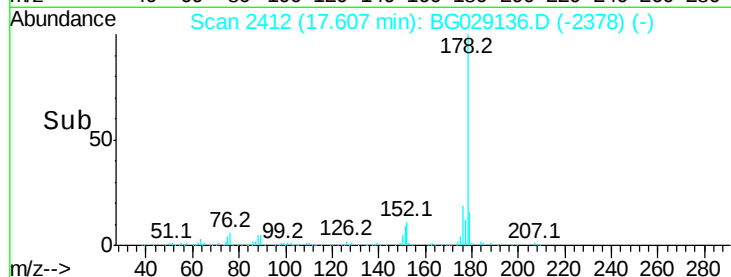
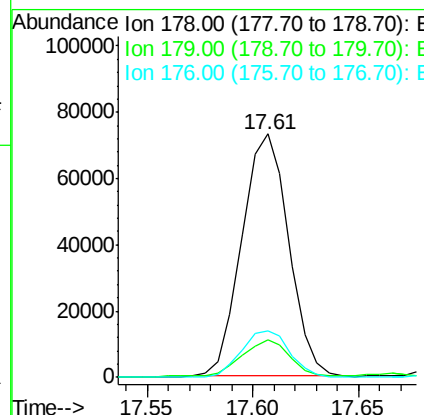
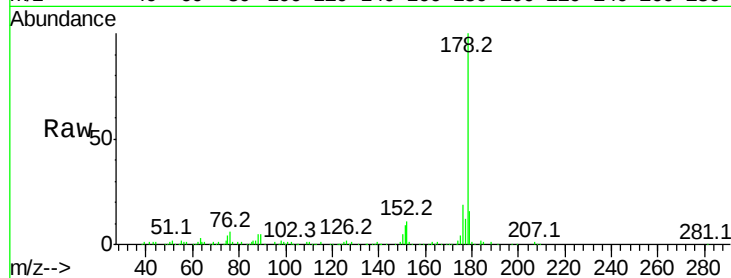
#13
Phenanthrene
Concen: 6.732 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029136.D
Acq: 10 Oct 2017 11:46

Instrument :
BNA_G
ClientSampleId :
DAH76MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.1	22.7

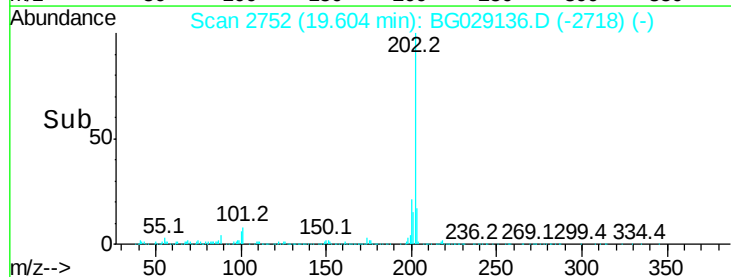
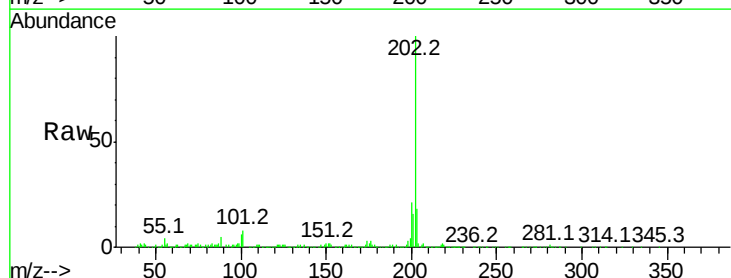
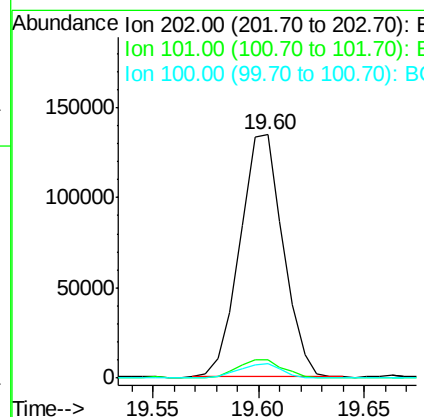
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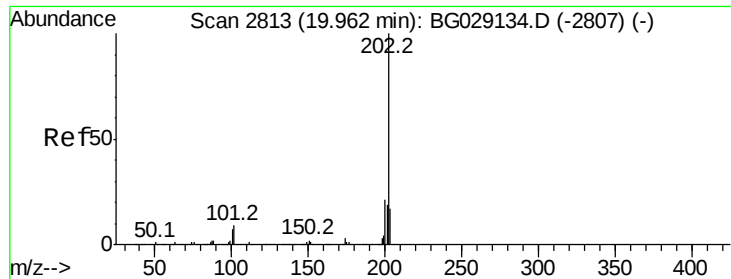
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#16
Fluoranthene
Concen: 9.794 ng/ul
RT: 19.60 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BG029136.D
Acq: 10 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	9.9	14.9#
100	5.9	7.4	11.0#





#19

Pvrene

Concen: 27.701 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

Instrument :

BNA_G

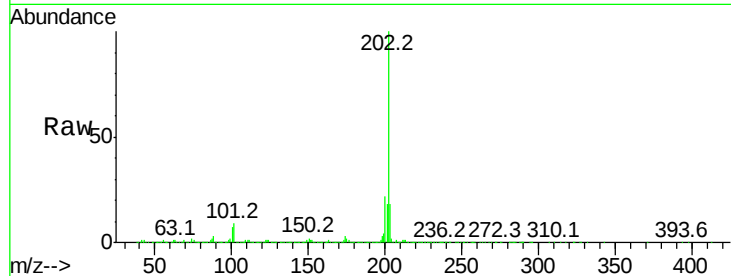
ClientSampled :

DAH76MS

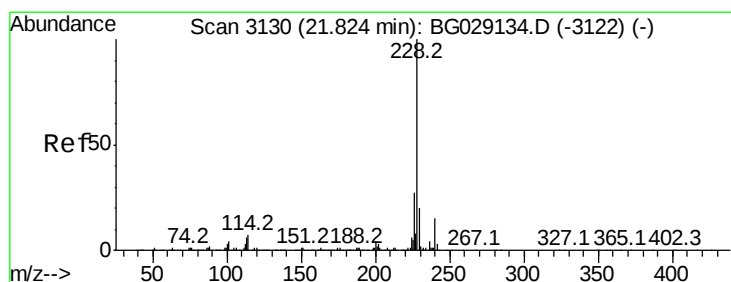
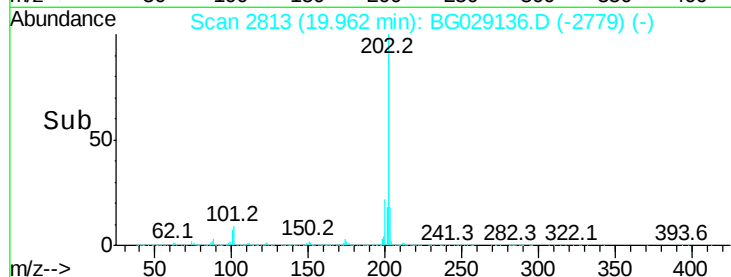
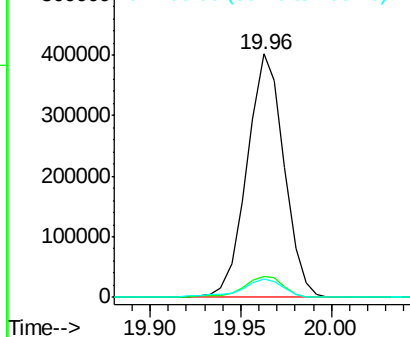
Tot Ion:	202	Resp:	567037
Ion Ratio	Lower	Upper	
202	100		
101	8.7	11.0	16.4#
100	7.4	8.1	12.1#

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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): E



#20

Benzo(a)anthracene

Concen: 4.739 ng/ul

RT: 21.82 min Scan# 3130

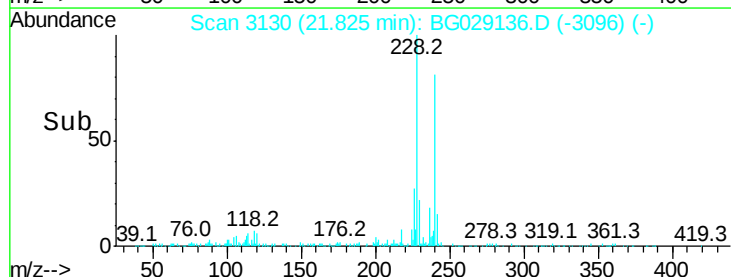
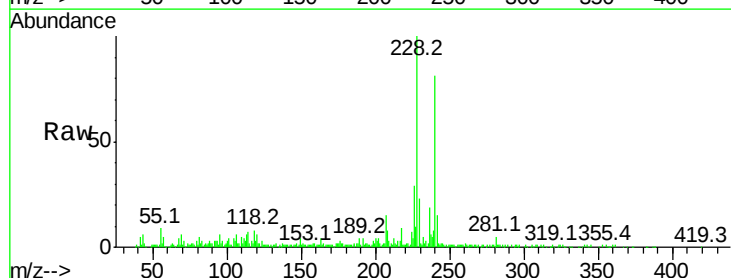
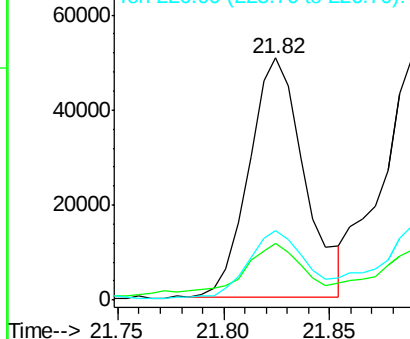
Delta R.T. 0.00 min

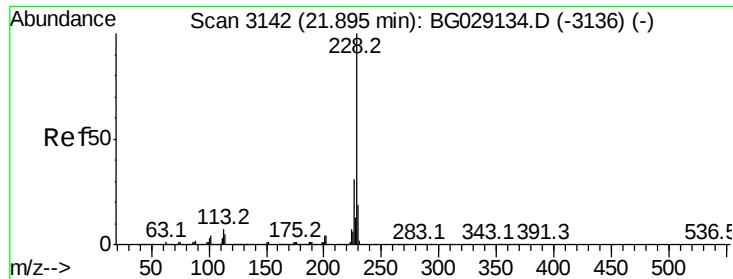
Lab File: BG029136.D

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Tgt Ion:	228	Resp:	91653
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.7	23.5
226	28.5	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.659 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

Instrument :

BNA_G

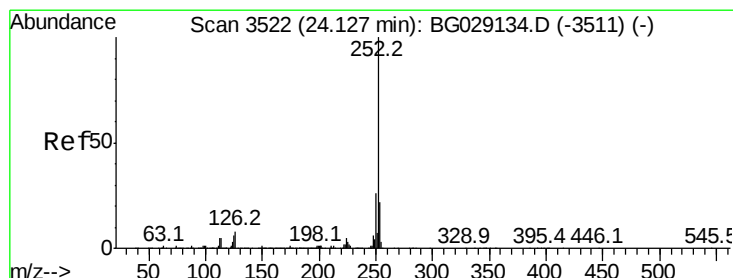
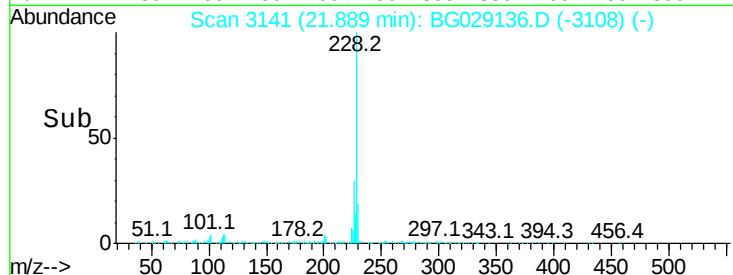
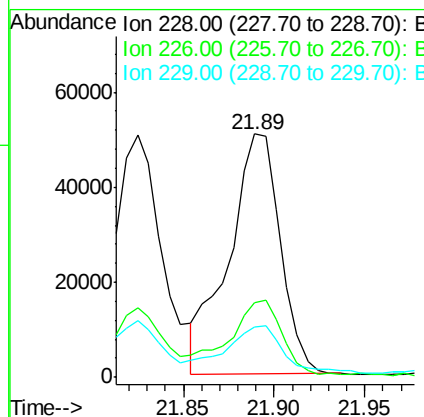
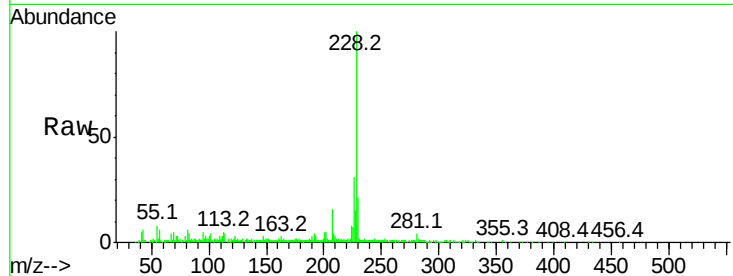
ClientSampleId :

DAH76MS

Tot Ion:	228	Resp:	100217
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.5	36.7
229	20.7	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 7.520 ng/ul

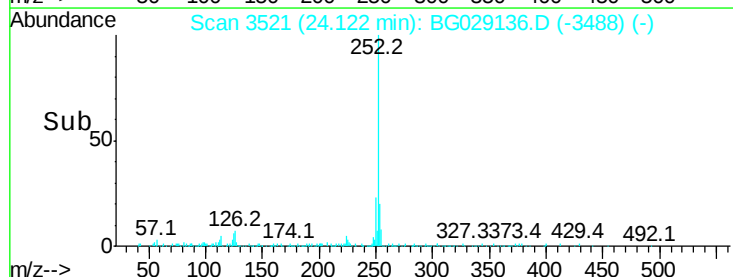
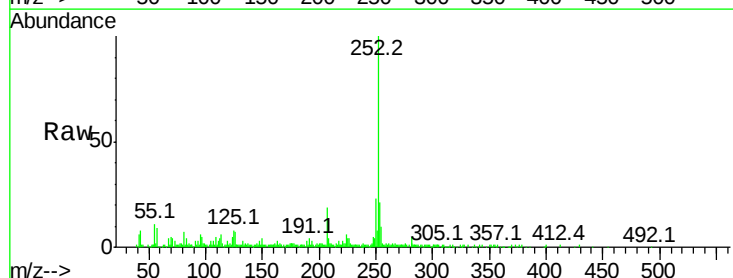
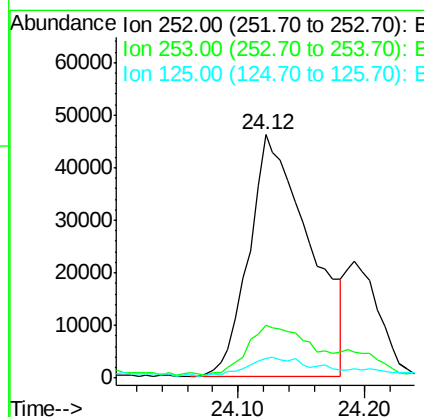
RT: 24.12 min Scan# 3521

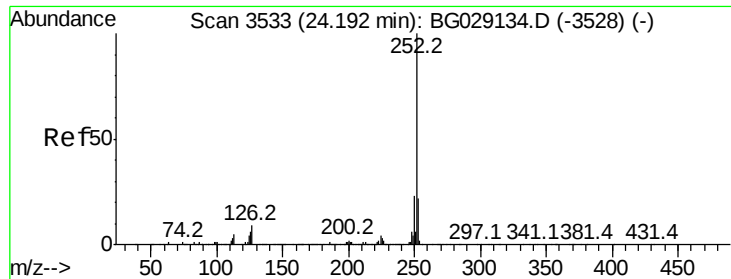
Delta R.T. -0.01 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

Tgt Ion:	252	Resp:	152128
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	8.0	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 2.405 ng/ul

RT: 24.19 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

Instrument :

BNA_G

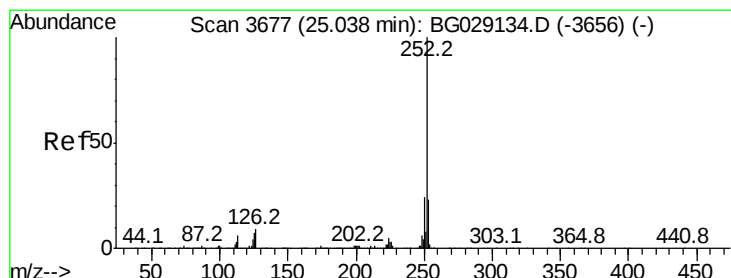
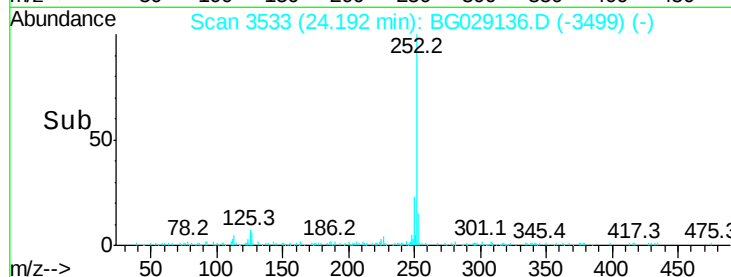
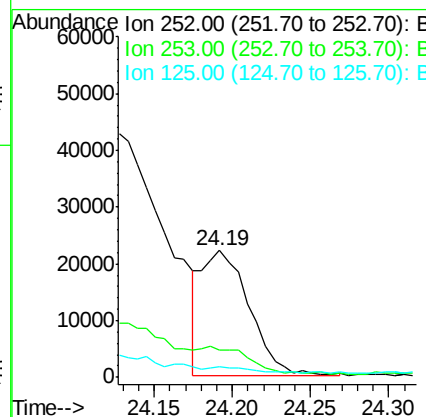
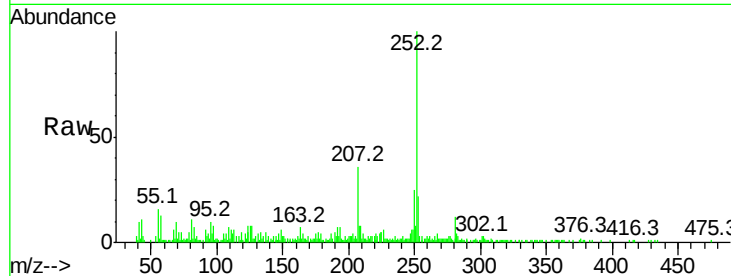
ClientSampled :

DAH76MS

Tot Ion:	252	Resp:	47476
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	8.5	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 4.330 ng/ul

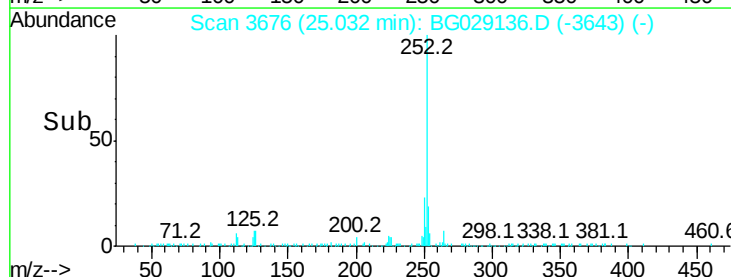
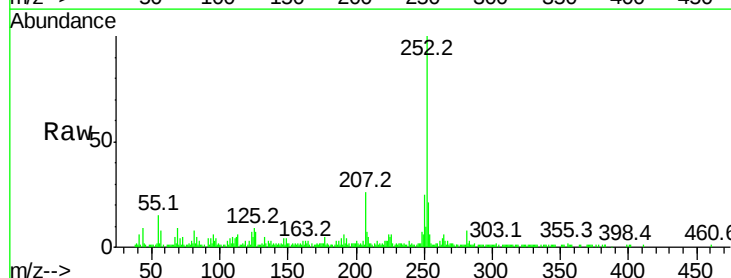
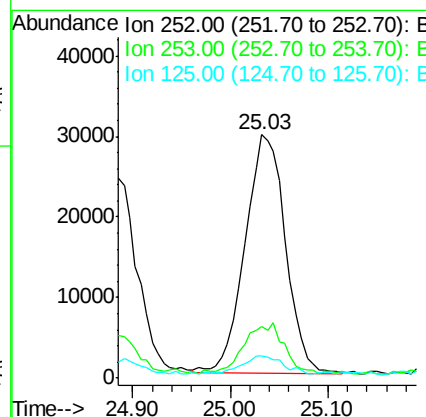
RT: 25.03 min Scan# 3676

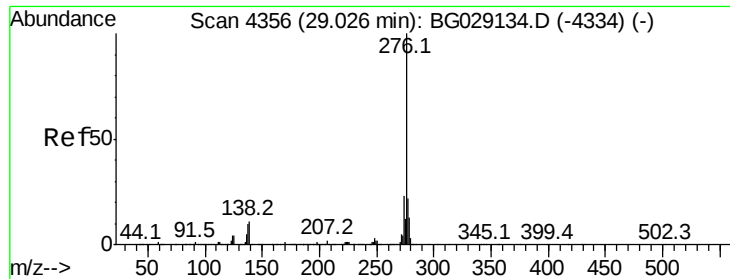
Delta R.T. -0.01 min

Lab File: BG029136.D

Acq: 10 Oct 2017 11:46

Tgt Ion:	252	Resp:	85076
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	8.9	8.2	12.4





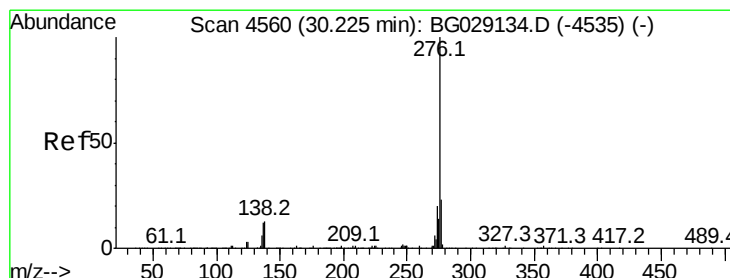
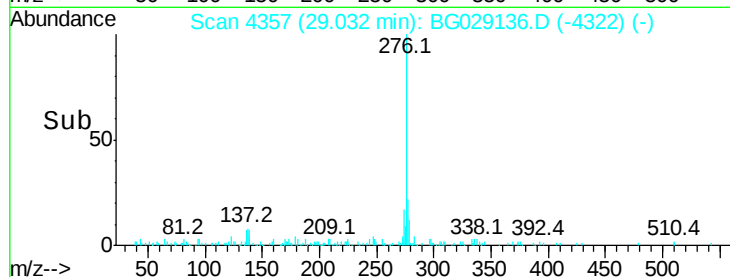
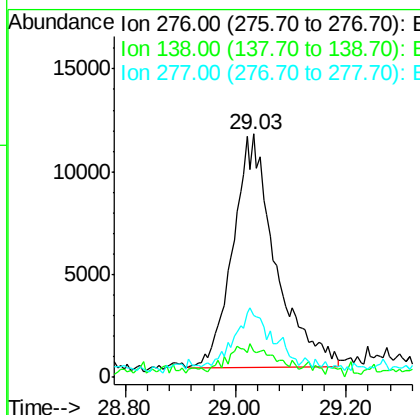
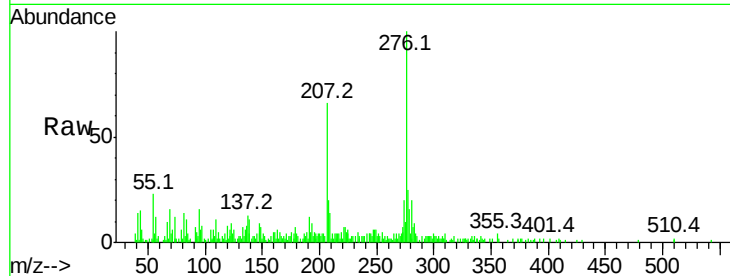
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.723 ng/ul
 RT: 29.03 min Scan# 4357
 Delta R.T. 0.01 min
 Lab File: BG029136.D
 Acq: 10 Oct 2017 11:46

Instrument :
 BNA_G
 ClientSampleId :
 DAH76MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.9	14.4	21.6#
277	25.2	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.282 ng/ul
 RT: 30.23 min Scan# 4560
 Delta R.T. 0.00 min
 Lab File: BG029136.D
 Acq: 10 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.5	15.3	22.9#
277	28.2	19.0	28.4

