

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029095.D
 Acq On : 8 Oct 2017 23:39
 Operator : SJ/JU
 Sample : I5576-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 08:06:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 08:00:20 2017
 Response via : Initial Calibration

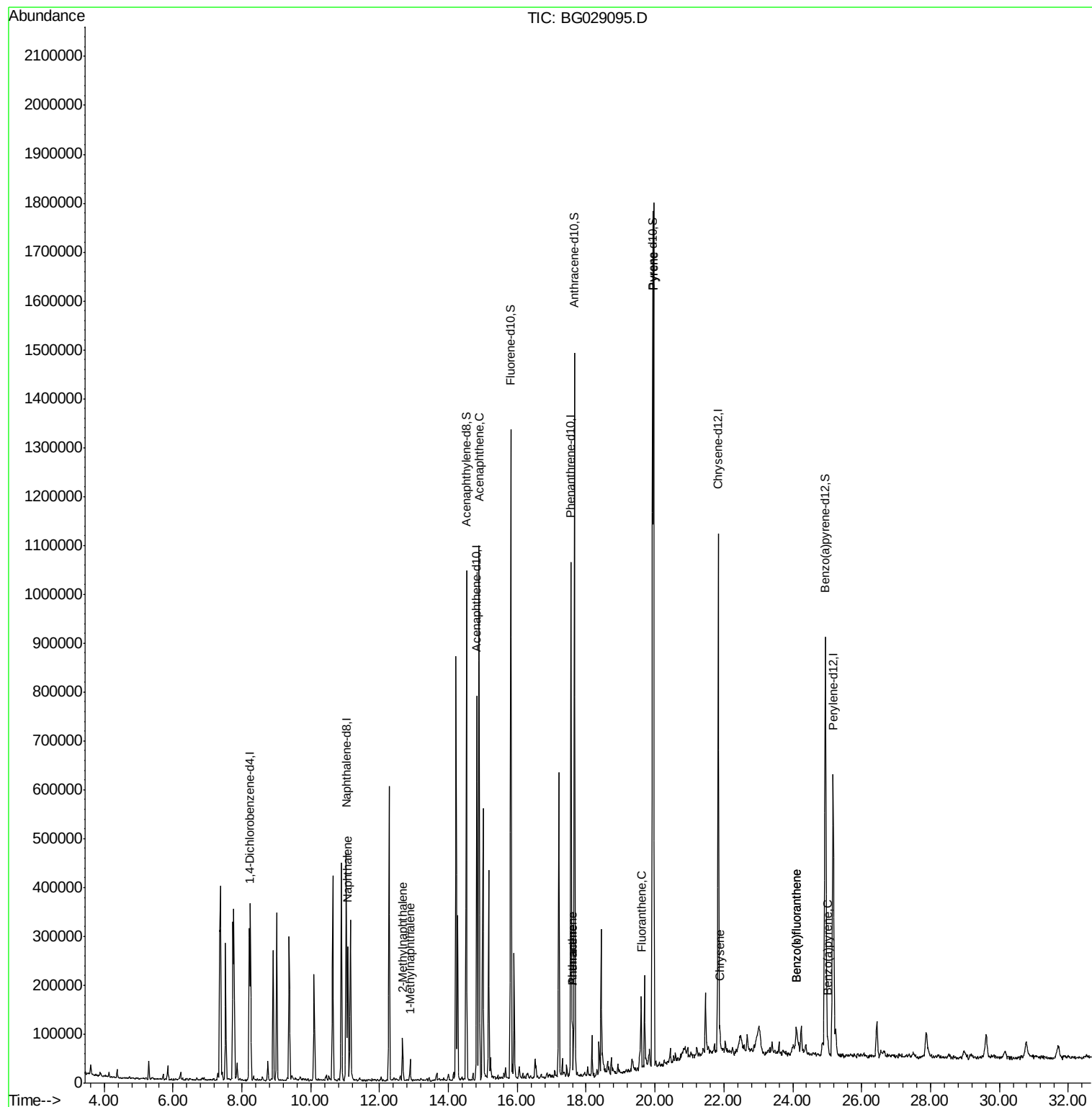
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	90486	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	423010	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	280263	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	640286	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	616092	20.00	ng/ul	0.00
22) Perylene-d12	25.17	264	606194	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	797873	27.37	ng/ul	0.00
10) Fluorene-d10	15.81	176	567115	26.83	ng/ul	0.00
14) Anthracene-d10	17.66	188	865560	27.91	ng/ul	0.00
18) Pyrene-d10	19.93	212	919206	29.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	857964	29.54	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	243603	11.062	ng/ul	100
4) 2-Methylnaphthalene	12.67	142	42142	2.521	ng/ul	98
5) 1-Methylnaphthalene	12.89	142	21224	1.331	ng/ul#	90
9) Acenaphthene	14.88	153	477286	24.990	ng/ul	98
13) Phenanthrene	17.61	178	60655	1.776	ng/ul	100
15) Anthracene	17.61	178	60929	1.744	ng/ul	100
16) Fluoranthene	19.60	202	63771	1.593	ng/ul	98
19) Pyrene	19.96	202	1075375	28.001	ng/ul	97
21) Chrysene	21.88	228	33267	1.001	ng/ul	94
23) Benzo(b)fluoranthene	24.11	252	50387	1.389	ng/ul	94
24) Benzo(k)fluoranthene	24.11	252	50387	1.424	ng/ul	94
26) Benzo(a)pyrene	25.02	252	36735	1.043	ng/ul#	85

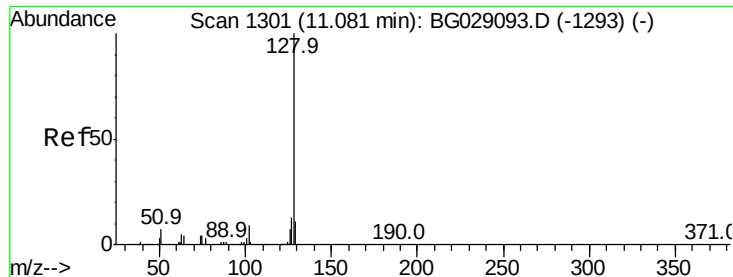
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 11.062 ng/ul

RT: 11.08 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

Instrument :

BNA_G

ClientSampleId :

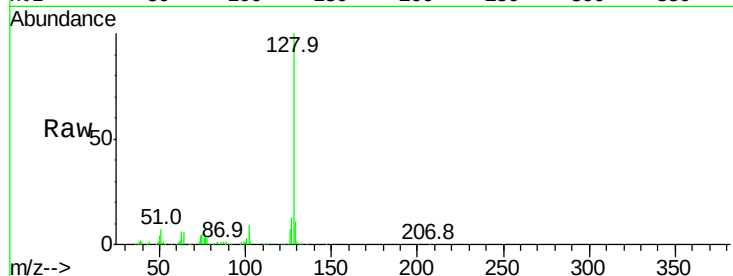
Tot Ion:128 Resp: 243603

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

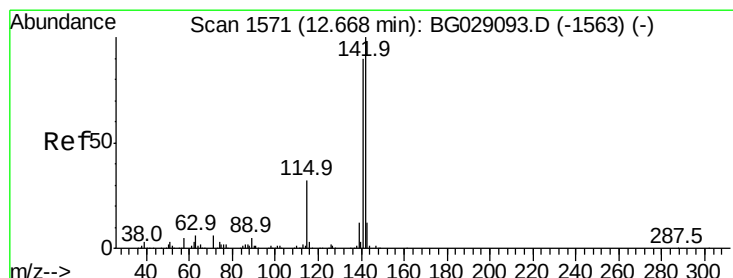
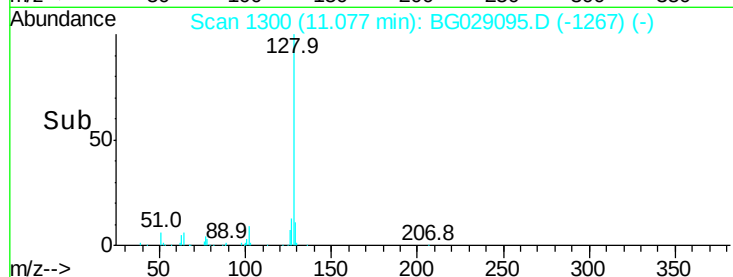
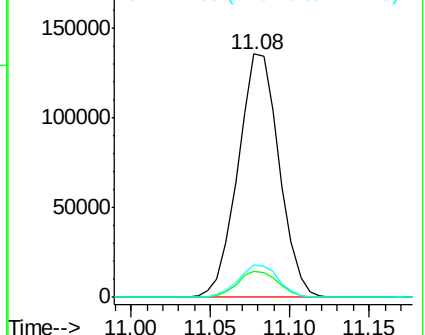
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 2.521 ng/ul

RT: 12.67 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BG029095.D

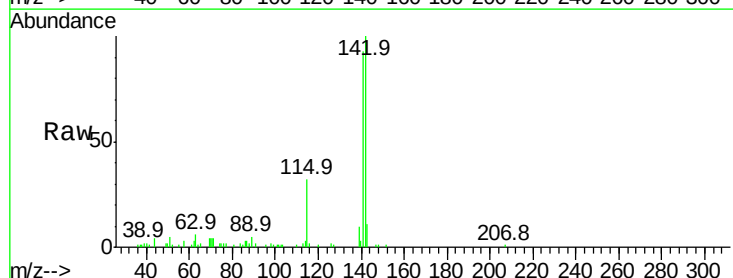
Acq: 8 Oct 2017 23:39

Tgt Ion:142 Resp: 42142

Ion Ratio Lower Upper

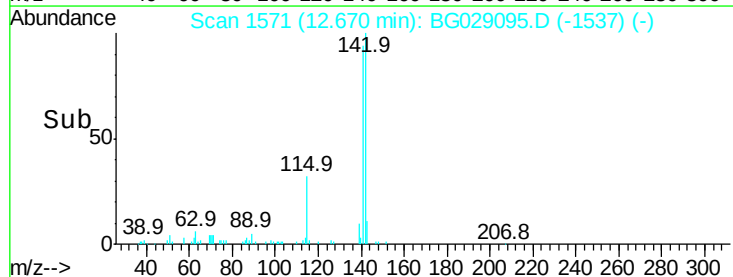
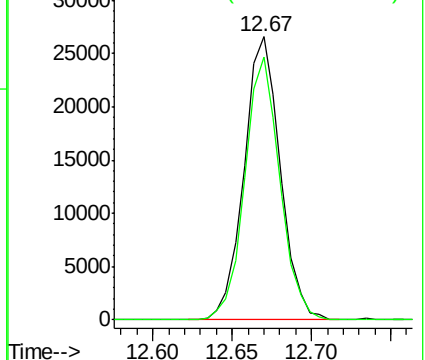
142 100

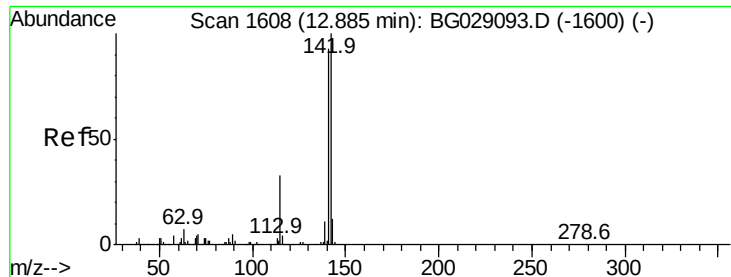
141 92.9 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 1.331 ng/ul

RT: 12.89 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

Instrument :

BNA_G

ClientSampleId :

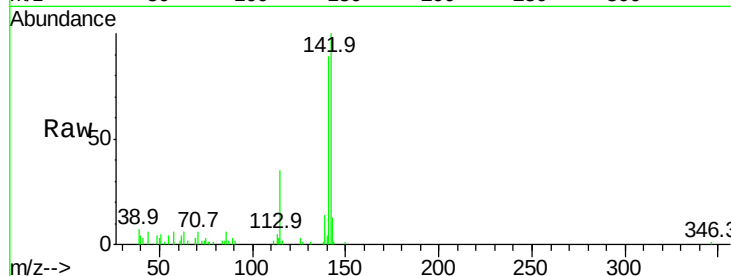
Tot Ion:142 Resp: 21224

Ion Ratio Lower Upper

142 100

141 89.1 79.3 118.9

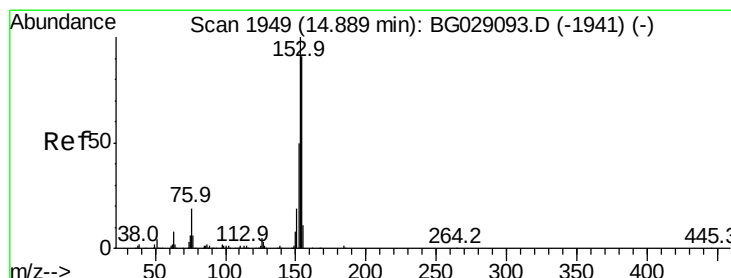
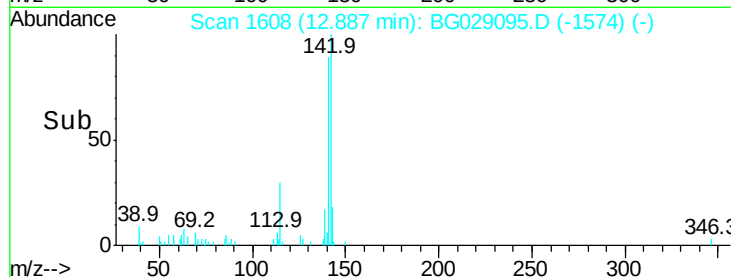
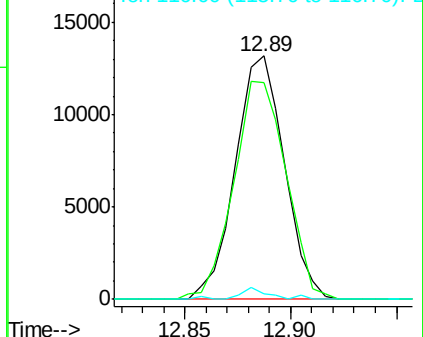
116 2.3 4.2 6.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#9

Acenaphthene

Concen: 24.990 ng/ul

RT: 14.88 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

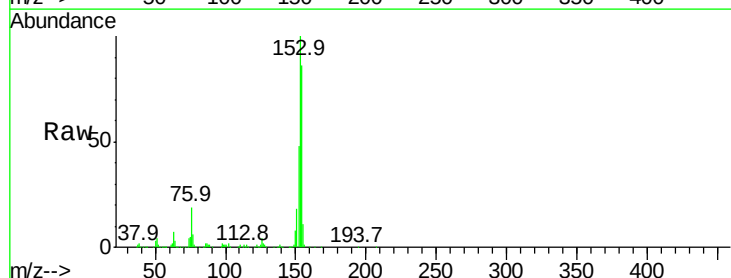
Tgt Ion:153 Resp: 477286

Ion Ratio Lower Upper

153 100

152 48.1 39.0 58.6

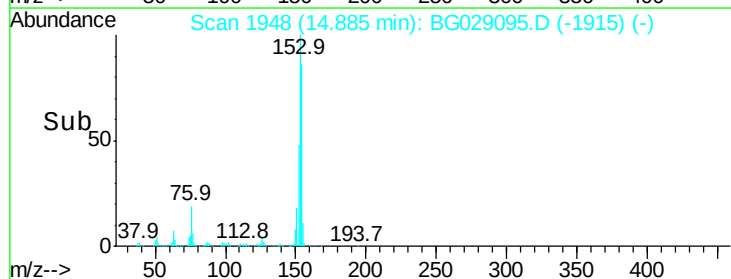
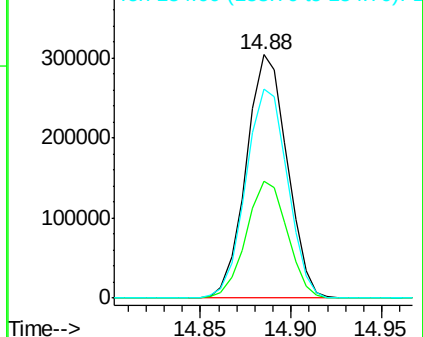
154 85.8 66.8 100.2

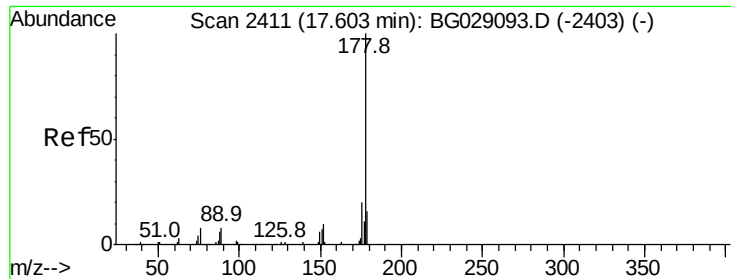


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

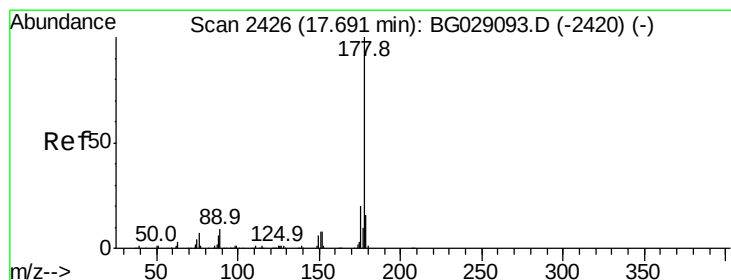
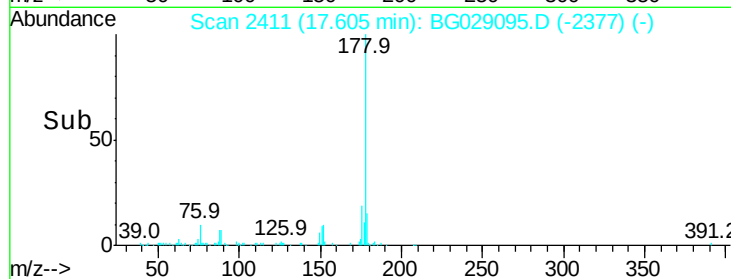
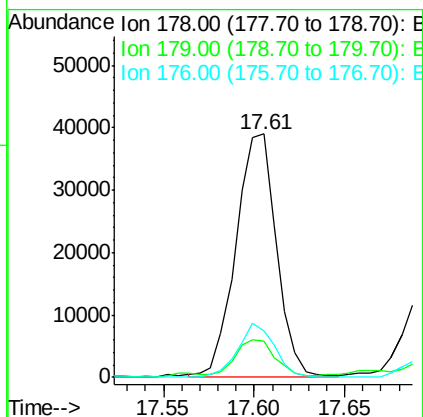
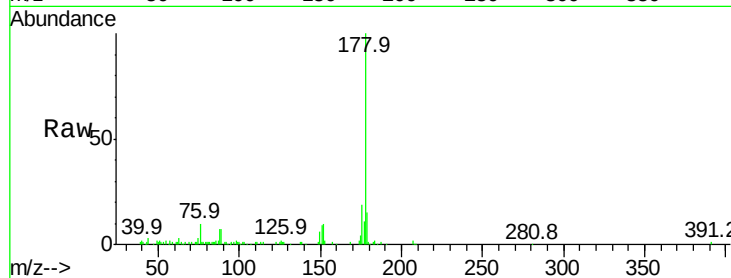




#13
 Phenanthrene
 Concen: 1.776 ng/ul
 RT: 17.61 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BG029095.D
 Acq: 8 Oct 2017 23:39

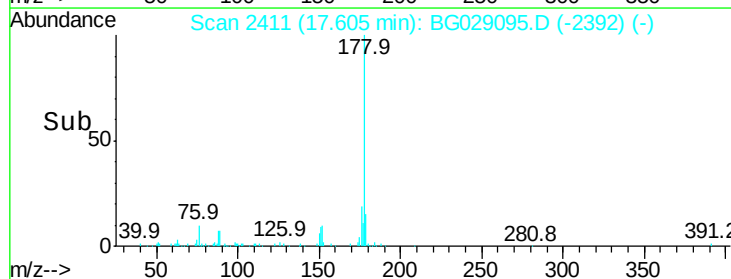
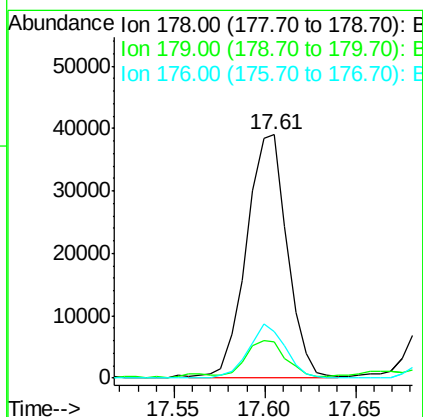
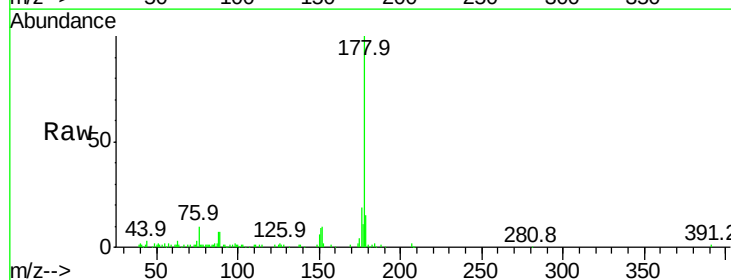
Instrument :
 BNA_G
 ClientSampleId :

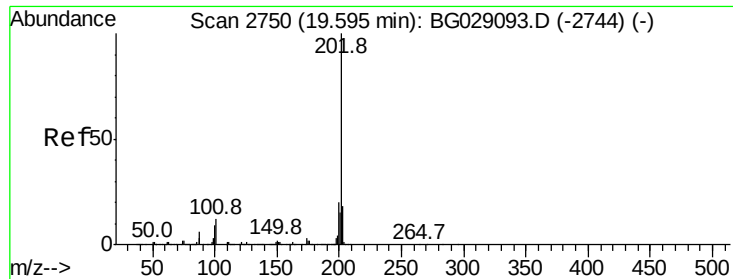
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.9	15.1	22.7



#15
 Anthracene
 Concen: 1.744 ng/ul
 RT: 17.61 min Scan# 2411
 Delta R.T. -0.09 min
 Lab File: BG029095.D
 Acq: 8 Oct 2017 23:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	18.9	15.2	22.8

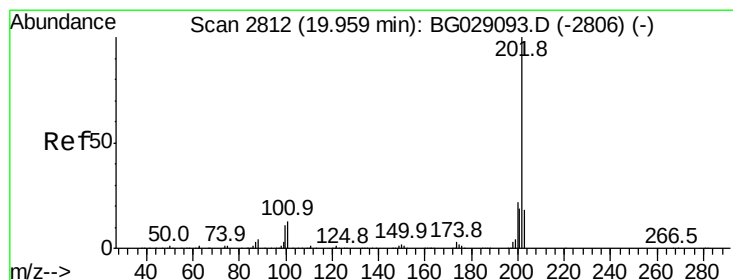
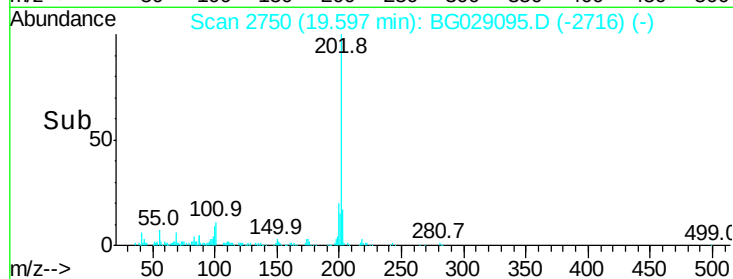
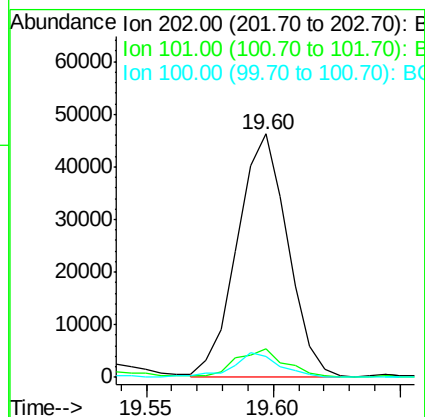
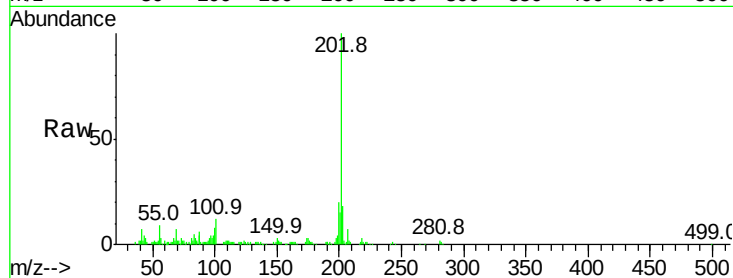




#16
 Fluoranthene
 Concen: 1.593 ng/ul
 RT: 19.60 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BG029095.D
 Acq: 8 Oct 2017 23:39

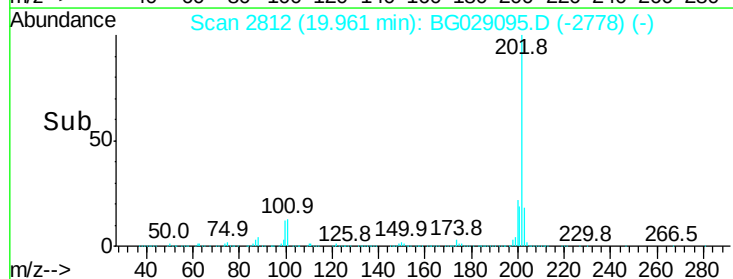
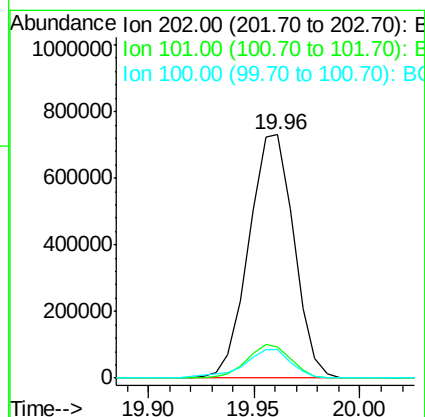
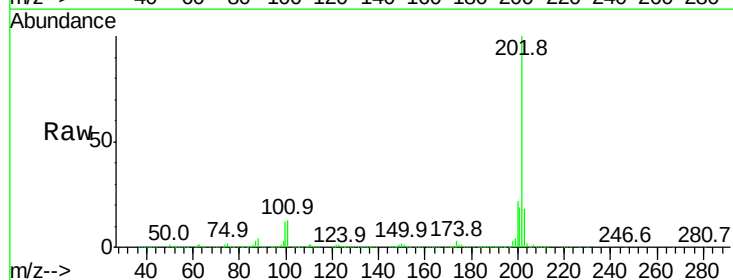
Instrument :
 BNA_G
 ClientSampleId :

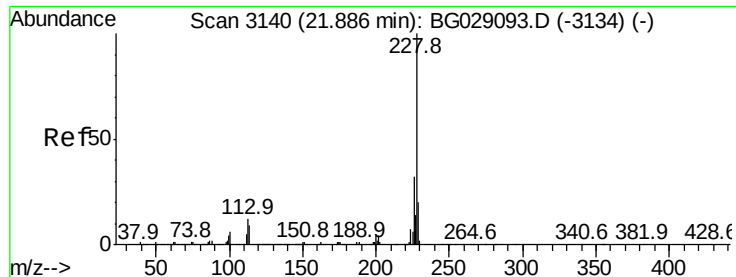
Tot Ion:202 Resp: 63771
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.9 14.9
 100 8.5 7.4 11.0



#19
 Pyrene
 Concen: 28.001 ng/ul
 RT: 19.96 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BG029095.D
 Acq: 8 Oct 2017 23:39

Tgt Ion:202 Resp: 1075375
 Ion Ratio Lower Upper
 202 100
 101 12.6 11.0 16.4
 100 11.6 8.1 12.1





#21

Chrysene

Concen: 1.001 ng/ul

RT: 21.88 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

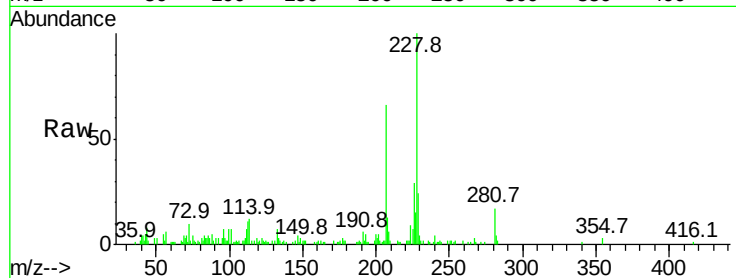
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 33267

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.5	36.7
229	23.7	15.8	23.8

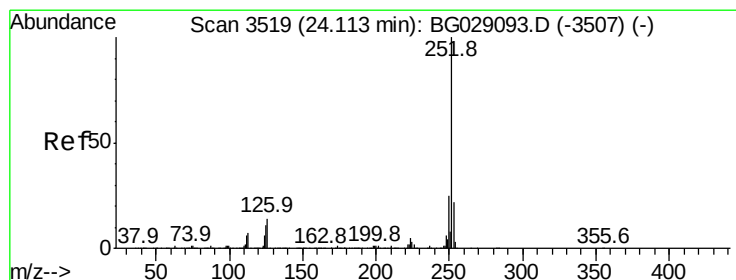
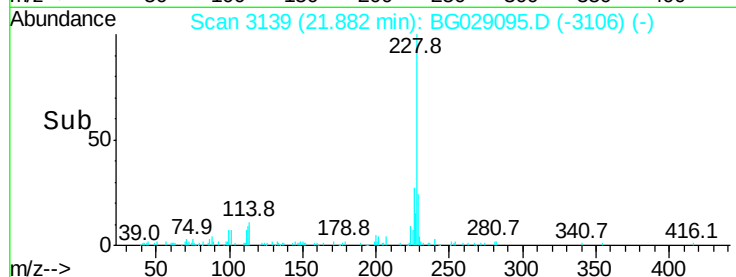
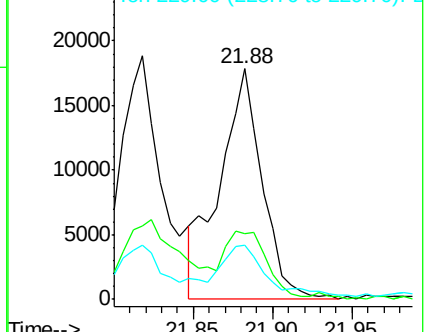


Abundance

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



#23

Benzo(b)fluoranthene

Concen: 1.389 ng/ul

RT: 24.11 min Scan# 3518

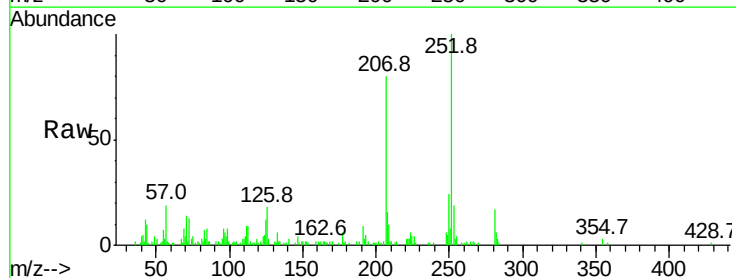
Delta R.T. -0.00 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

Tgt Ion:252 Resp: 50387

Ion	Ratio	Lower	Upper
252	100		
253	19.2	18.0	27.0
125	11.9	8.0	12.0

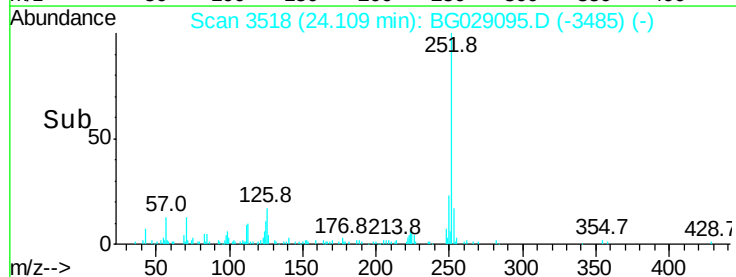
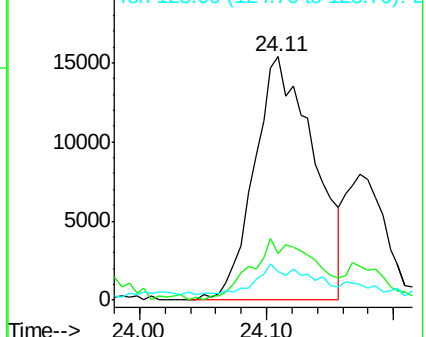


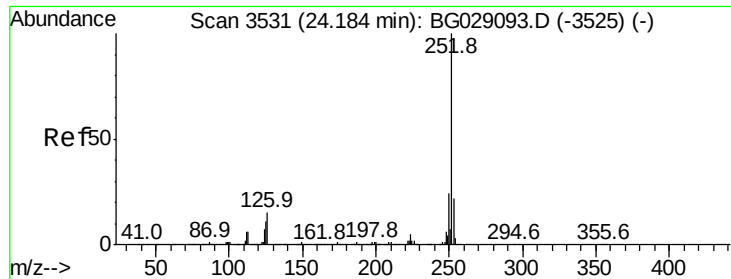
Abundance

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





#24

Benzo(k)fluoranthene

Concen: 1.424 ng/ul

RT: 24.11 min Scan# 3518

Delta R.T. -0.07 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

Instrument :

BNA_G

ClientSampleId :

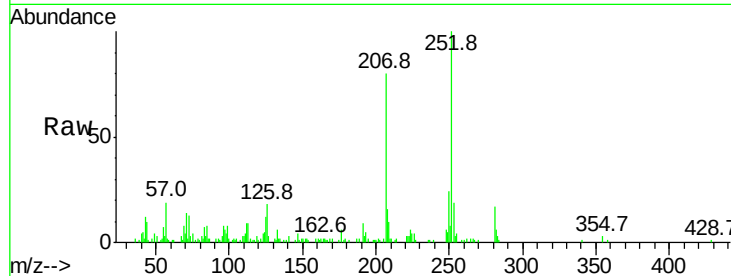
Tot Ion:252 Resp: 50387

Ion Ratio Lower Upper

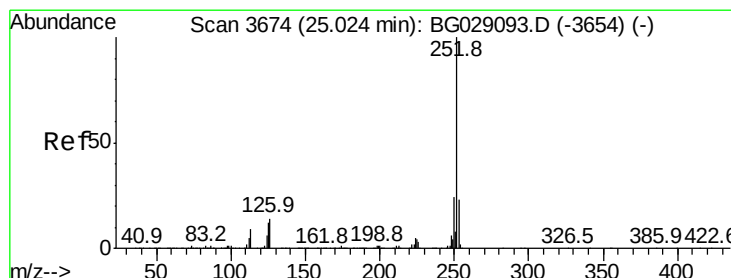
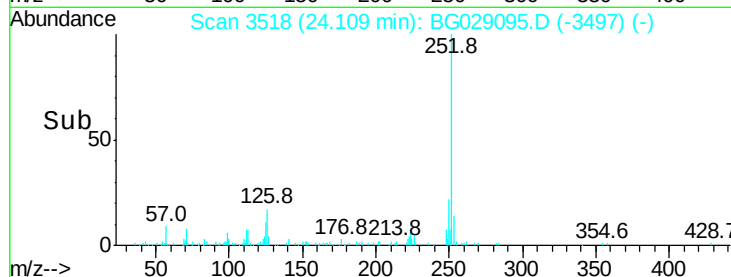
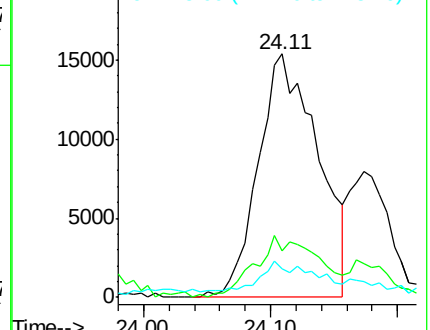
252 100

253 19.2 18.0 27.0

125 11.9 8.1 12.1



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



#26

Benzo(a)pyrene

Concen: 1.043 ng/ul

RT: 25.02 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG029095.D

Acq: 8 Oct 2017 23:39

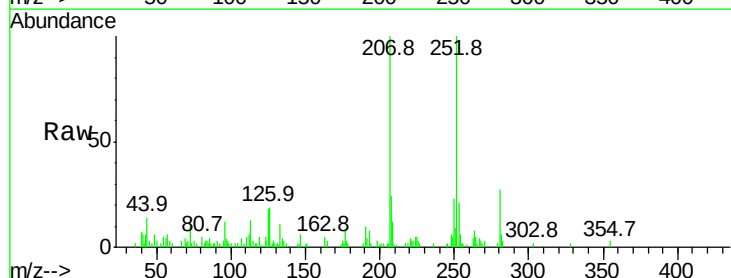
Tgt Ion:252 Resp: 36735

Ion Ratio Lower Upper

252 100

253 27.1 17.2 25.8#

125 18.0 8.2 12.4#



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

