

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008709.D
 Acq On : 29 Dec 2016 01:09
 Operator : UM/SJ
 Sample : H6067-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Quant Time: Dec 29 05:06:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

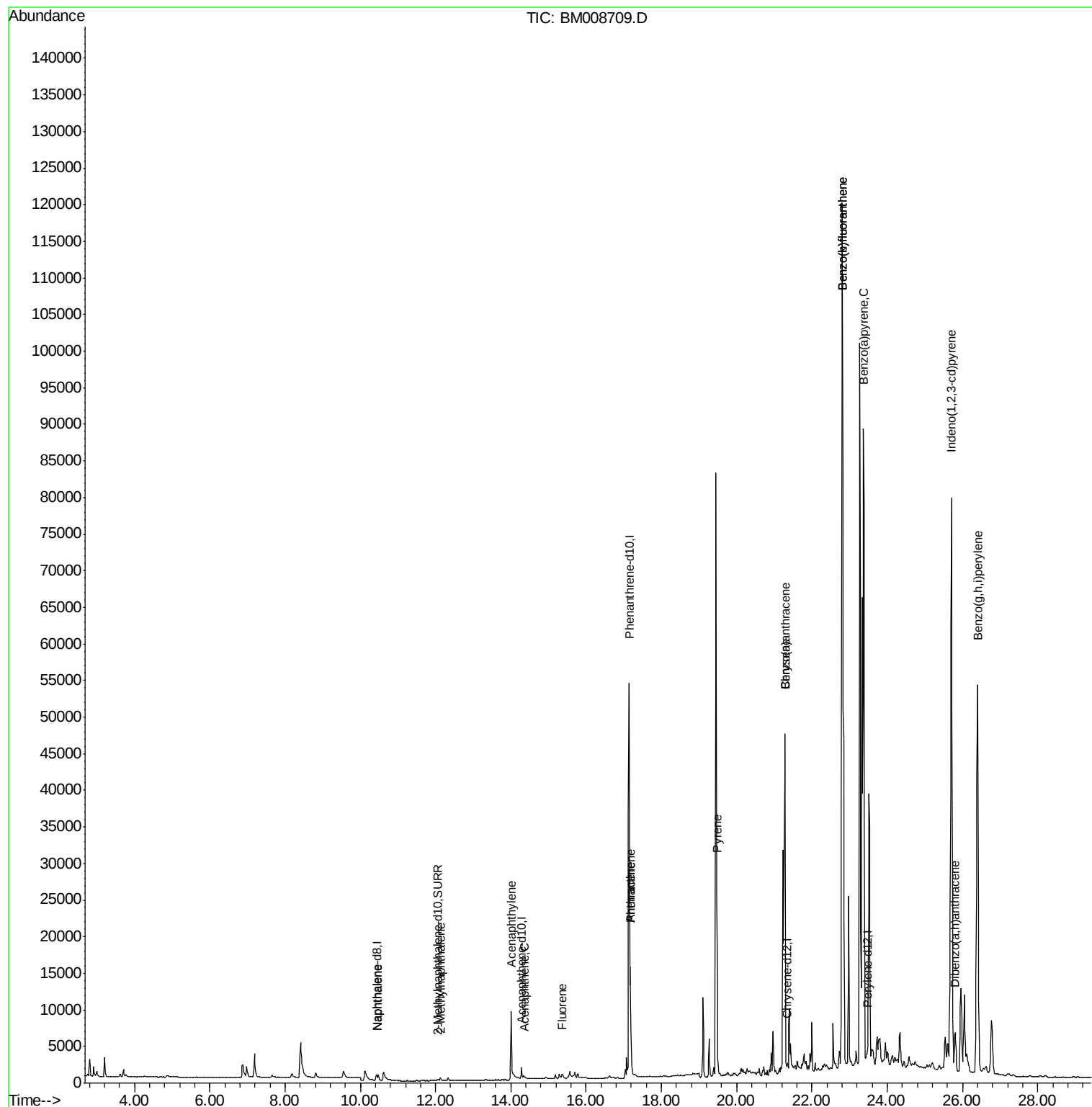
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.82
2) Naphthalene-d8	10.44	136	1285	0.40	ng/ul	-0.12
6) Acenaphthene-d10	14.28	164	801	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.14	188	86346	0.40	ng/ul	0.03
16) Chrysene-d12	21.35	240	61	0.40	ng/ul	0.06
20) Perylene-d12	23.47	264	1980	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	435	0.22	ng/ul	-0.11
14) Fluoranthene-d10	19.08	212	1144	0.00	ng/ul	-0.05
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	1271	0.35	ng/ul#	87
5) 2-Methylnaphthalene	12.12	142	495	0.20	ng/ul	98
7) Acenaphthylene	14.01	152	13148	3.63	ng/ul	95
8) Acenaphthene	14.35	153	363	0.13	ng/ul#	85
9) Fluorene	15.36	166	748	0.24	ng/ul#	82
12) Phenanthrene	17.18	178	19097	0.07	ng/ul	95
13) Anthracene	17.18	178	19054	0.07	ng/ul	94
17) Pyrene	19.47	202	22990	97.50	ng/ul	98
18) Benzo(a)anthracene	21.28	228	64226	320.64	ng/ul	98
19) Chrysene	21.28	228	63922	291.47	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	241293	30.93	ng/ul	81
22) Benzo(k)fluoranthene	22.81	252	241293	31.72	ng/ul#	83
23) Benzo(a)pyrene	23.37	252	127213	17.60	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.70	276	131276	15.23	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.81	278	8421	1.22	ng/ul	96
26) Benzo(g,h,i)perylene	26.40	276	117348	15.88	ng/ul#	87

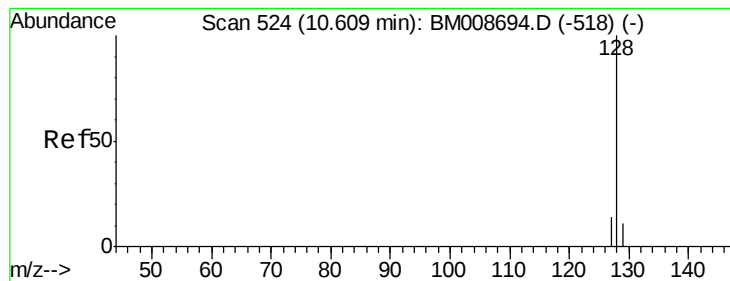
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.13 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

ClientSampleId :

DA7G1

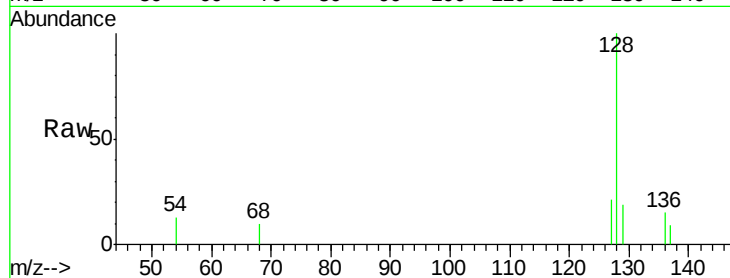
Tgt Ion:128 Resp: 1271

Ion Ratio Lower Upper

128 100

129 19.5 11.3 16.9#

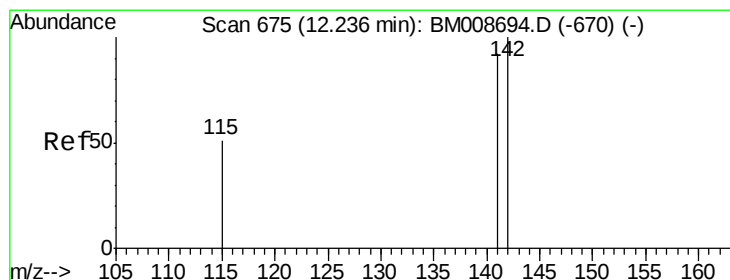
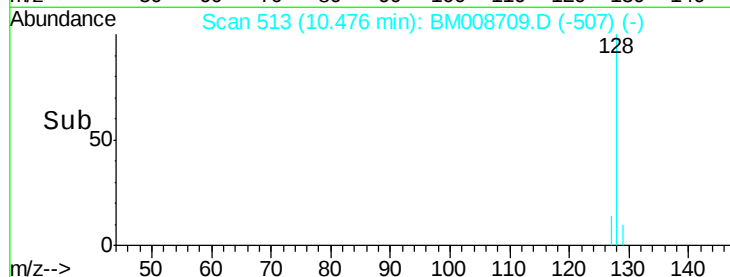
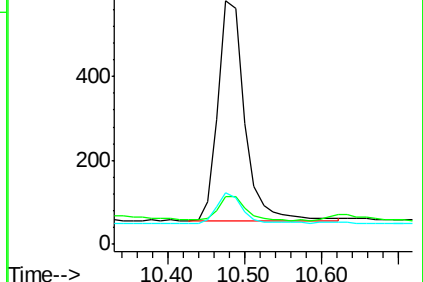
127 21.2 12.8 19.2#



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



#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.11 min

Lab File: BM008709.D

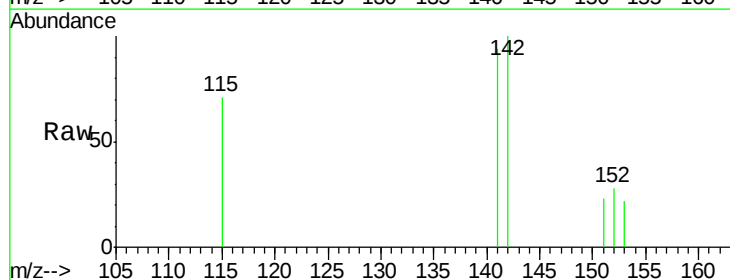
Acq: 29 Dec 2016 01:09

Tgt Ion:142 Resp: 495

Ion Ratio Lower Upper

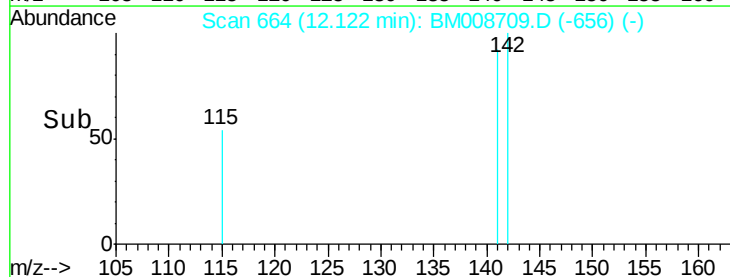
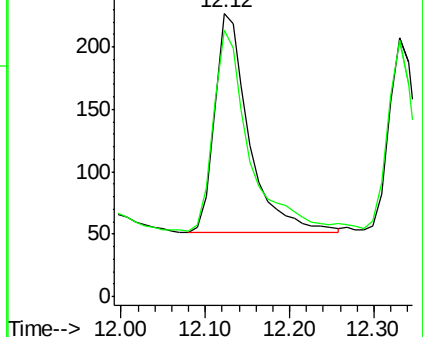
142 100

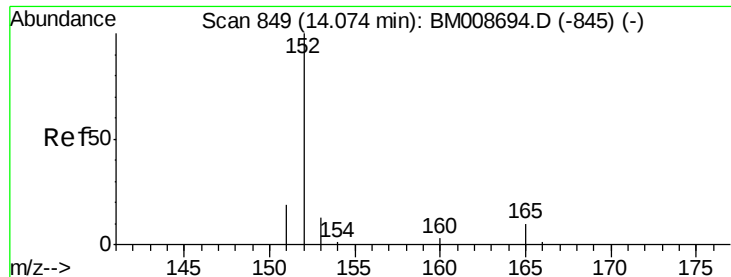
141 92.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.63 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

ClientSampleId :

DA7G1

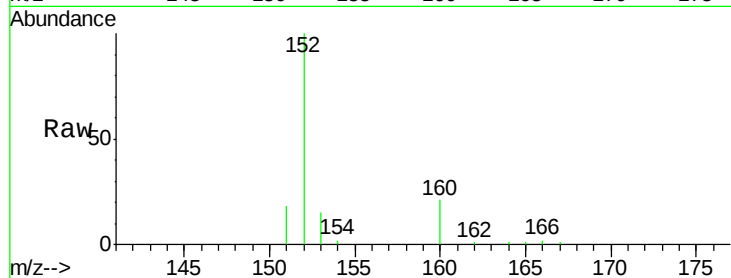
Tgt Ion:152 Resp: 13148

Ion Ratio Lower Upper

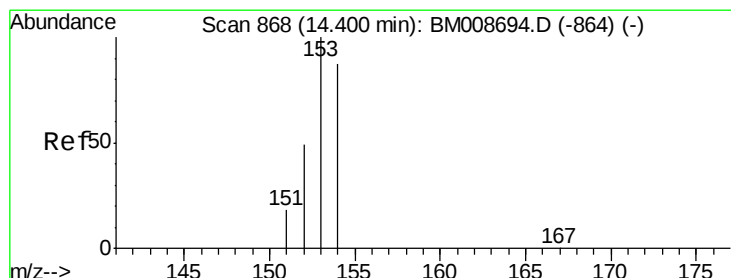
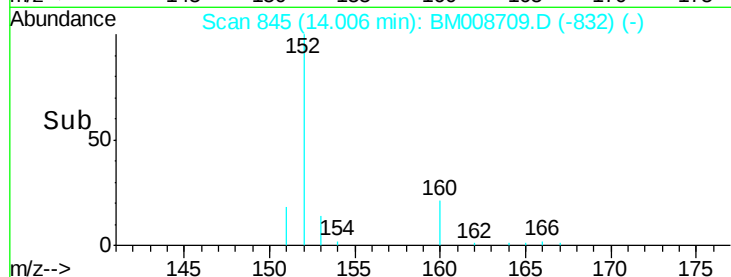
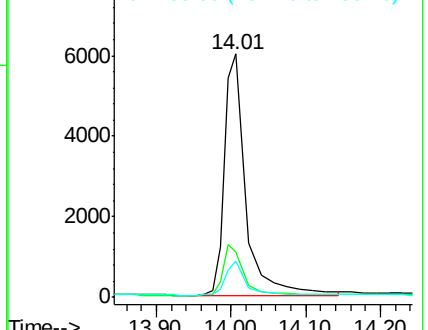
152 100

151 18.4 17.1 25.7

153 15.0 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.13 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.05 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

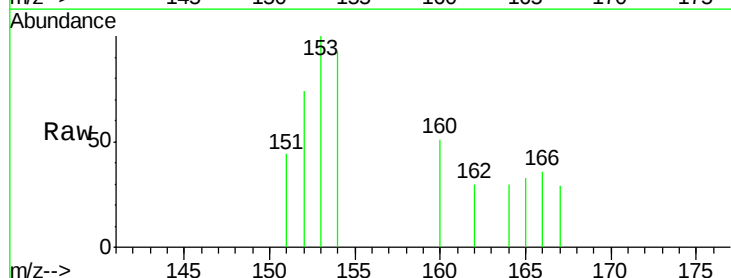
Tgt Ion:153 Resp: 363

Ion Ratio Lower Upper

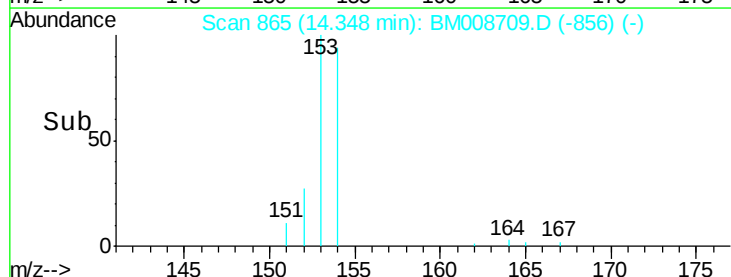
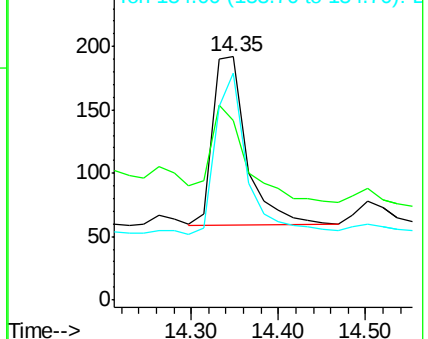
153 100

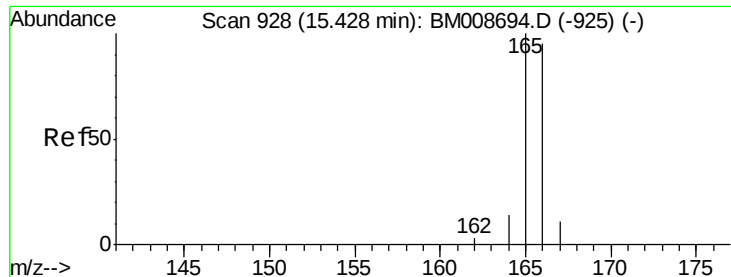
152 74.0 40.3 60.5#

154 93.2 71.4 107.2



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

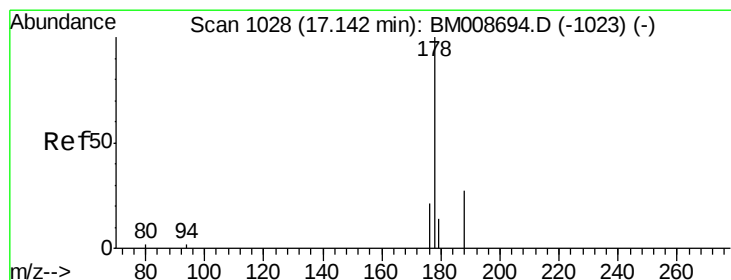
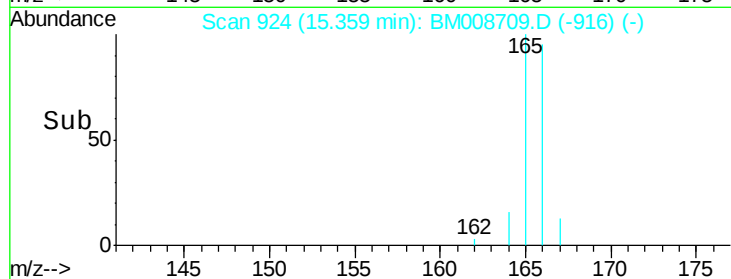
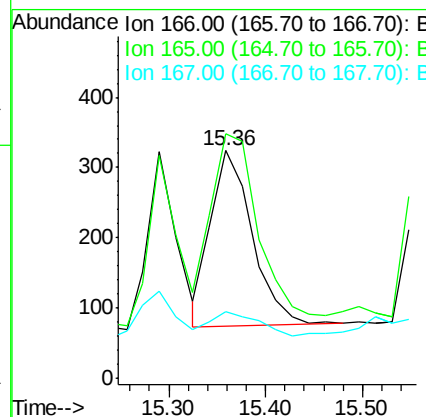
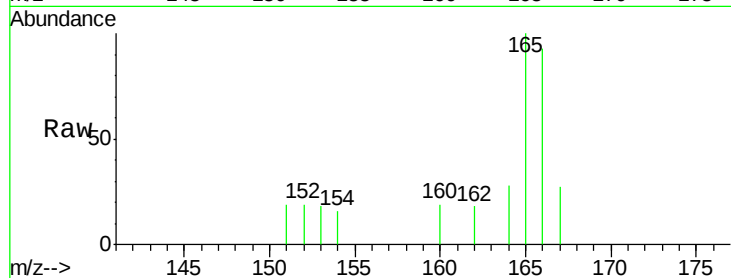




#9
Fluorene
 Concen: 0.24 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.07 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

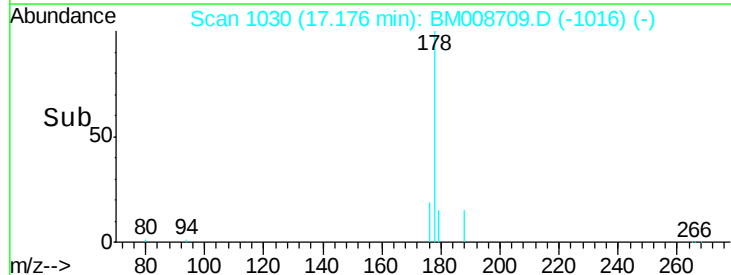
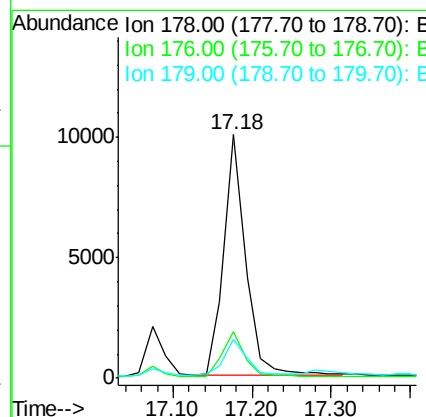
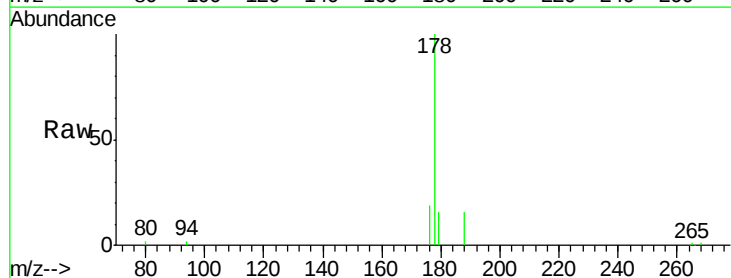
Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

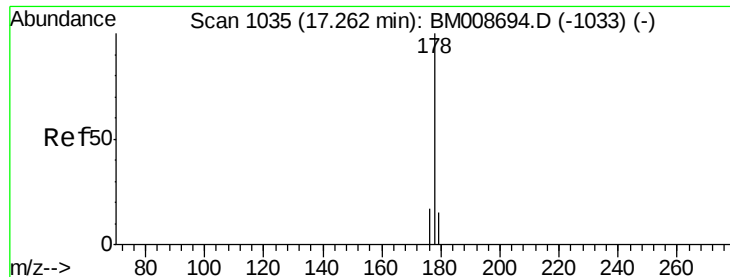
Tgt Ion:166 Resp: 748
 Ion Ratio Lower Upper
 166 100
 165 107.4 73.4 110.2
 167 29.0 14.6 22.0#



#12
Phenanthrene
 Concen: 0.07 ng/ul
 RT: 17.18 min Scan# 1030
 Delta R.T. 0.03 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

Tgt Ion:178 Resp: 19097
 Ion Ratio Lower Upper
 178 100
 176 19.4 18.4 27.6
 179 16.0 13.6 20.4





#13

Anthracene

Concen: 0.07 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.09 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

ClientSampleId :

DA7G1

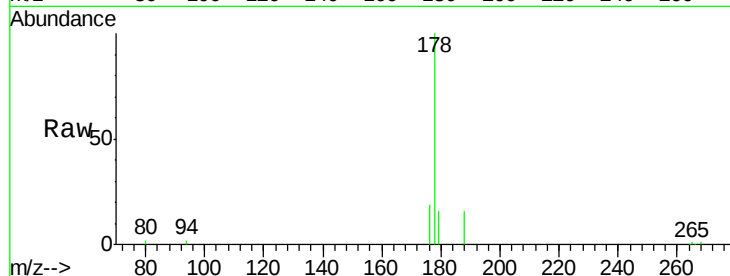
Tgt Ion:178 Resp: 19054

Ion Ratio Lower Upper

178 100

176 19.4 18.1 27.1

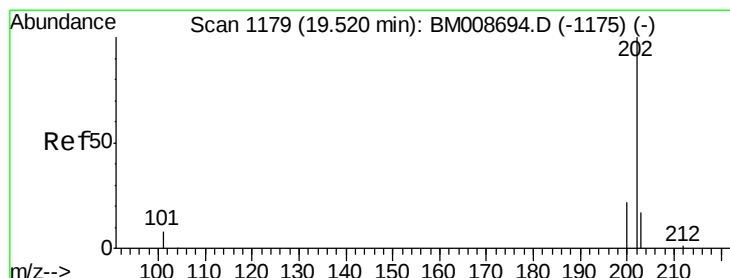
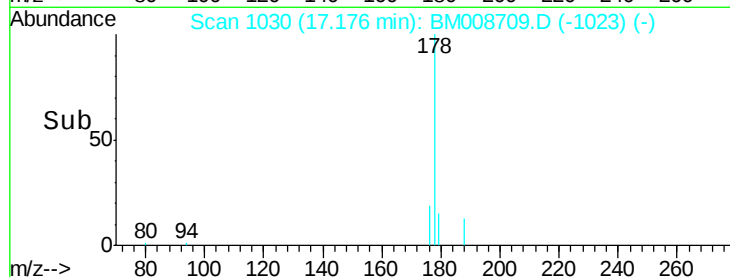
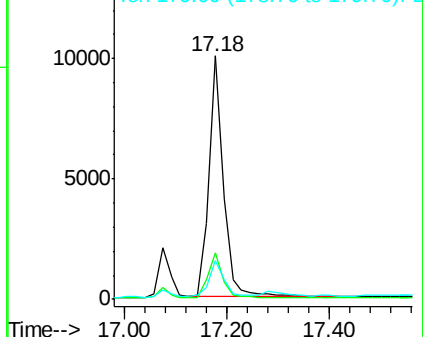
179 16.0 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Pyrene

Concen: 97.50 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.05 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

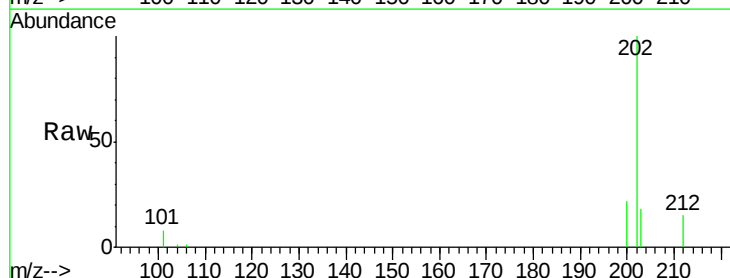
Tgt Ion:202 Resp: 22990

Ion Ratio Lower Upper

202 100

200 21.9 18.2 27.4

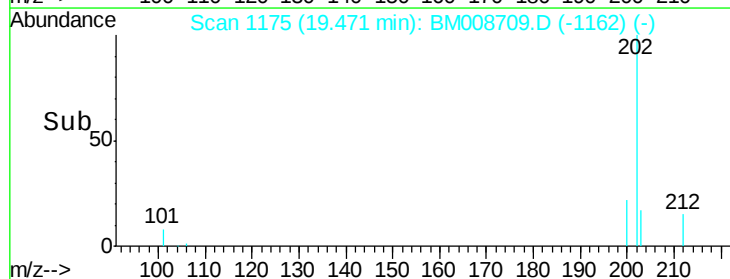
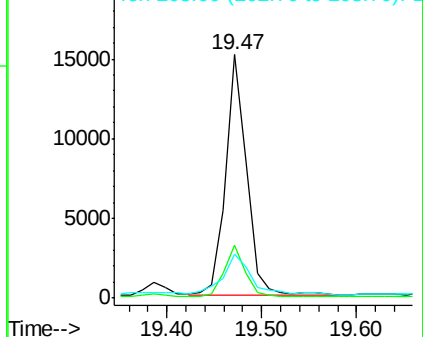
203 18.1 15.6 23.4

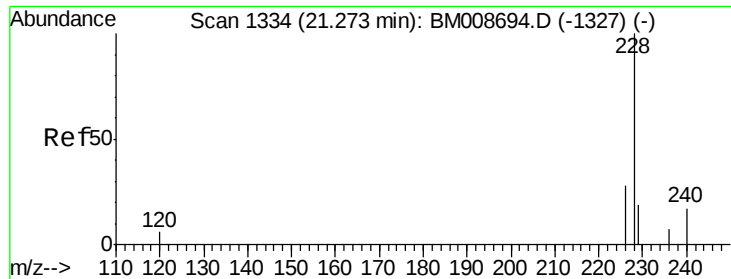


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 320.64 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

ClientSampleId :

DA7G1

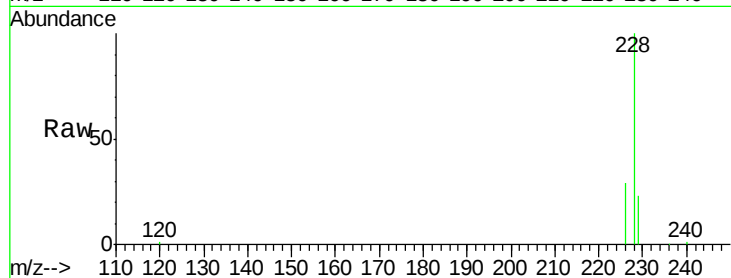
Tgt Ion:228 Resp: 64226

Ion Ratio Lower Upper

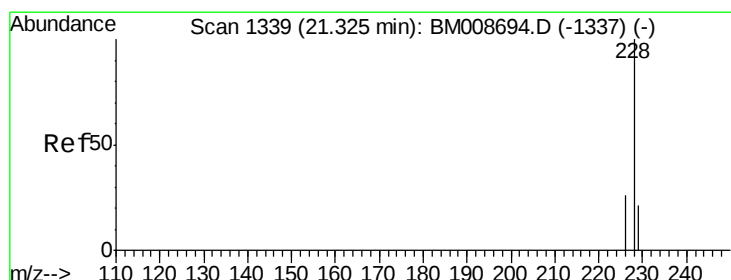
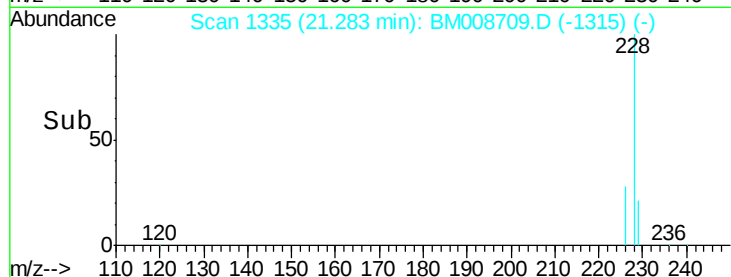
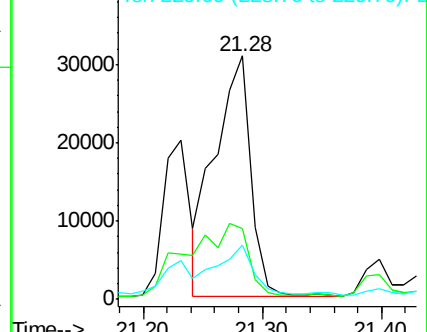
228 100

226 28.9 22.8 34.2

229 22.5 17.0 25.6



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



#19

Chrysene

Concen: 291.47 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

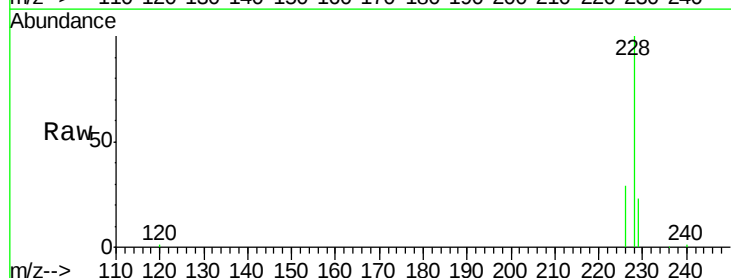
Tgt Ion:228 Resp: 63922

Ion Ratio Lower Upper

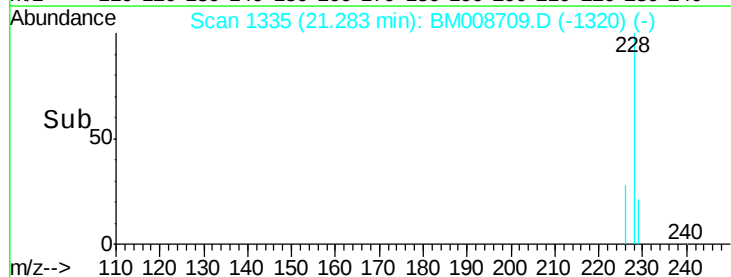
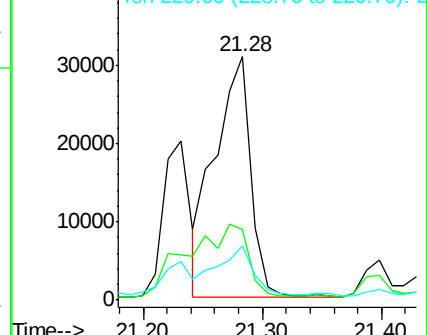
228 100

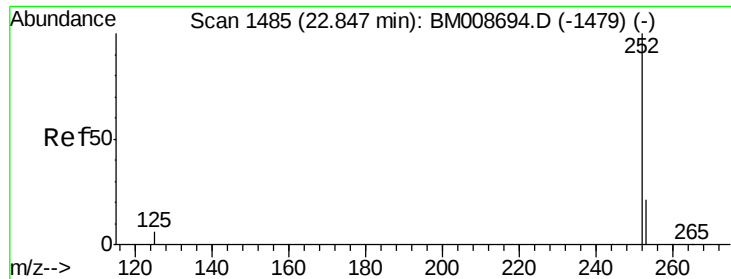
226 28.9 23.4 35.0

229 22.5 17.7 26.5



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





#21

Benzo(b)fluoranthene

Concen: 30.93 ng/u1

RT: 22.81 min Scan# 1481

Delta R.T. -0.04 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

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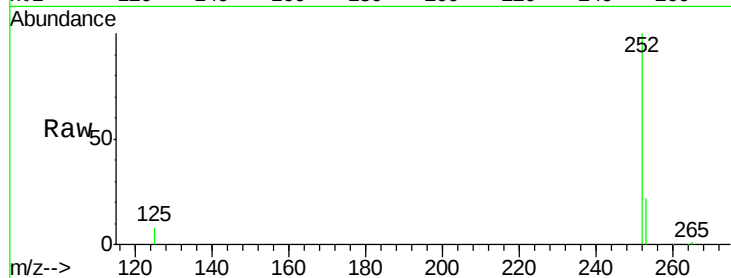
Tgt Ion:252 Resp: 241293

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

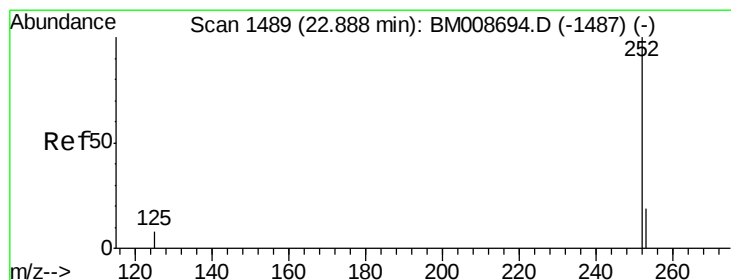
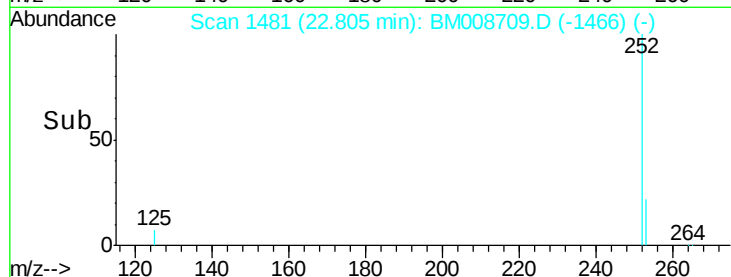
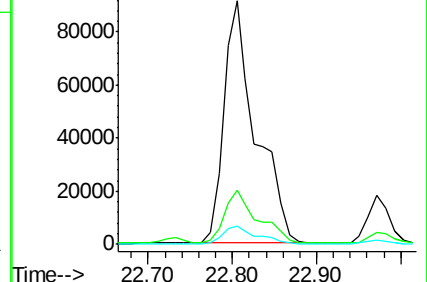
125 7.6 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 31.72 ng/u1

RT: 22.81 min Scan# 1481

Delta R.T. -0.08 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

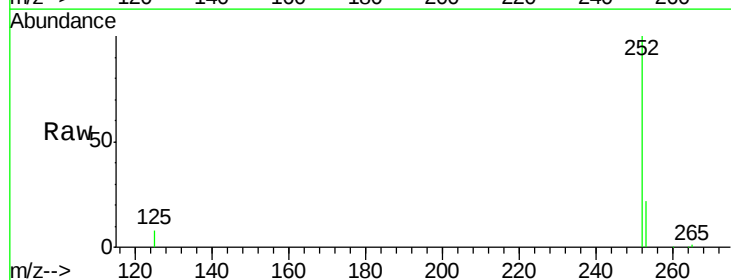
Tgt Ion:252 Resp: 241293

Ion Ratio Lower Upper

252 100

253 22.5 24.5 36.7#

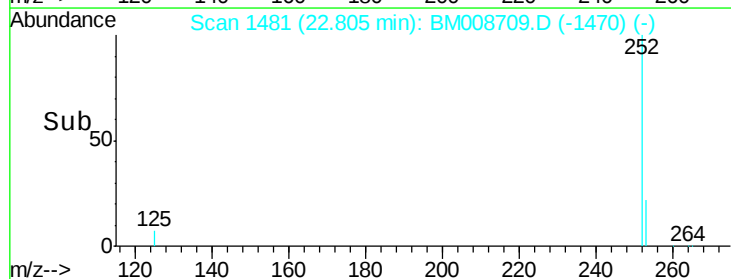
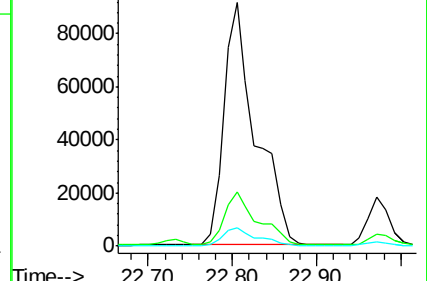
125 7.6 13.7 20.5#

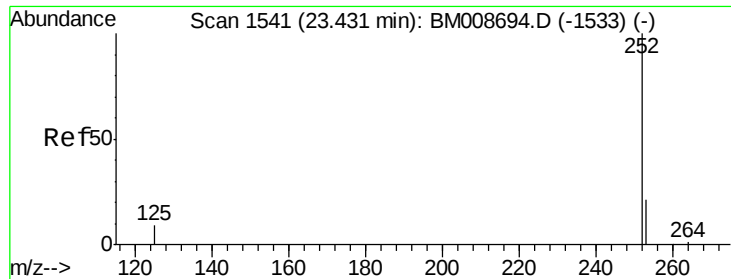


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 17.60 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.06 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

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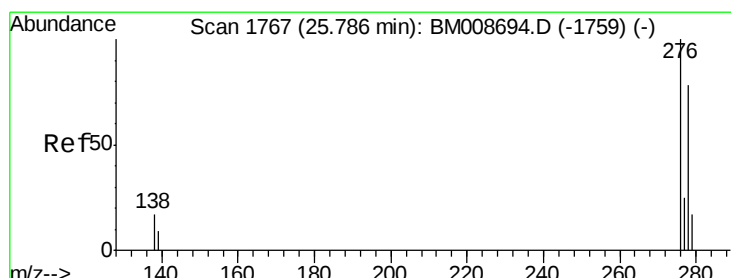
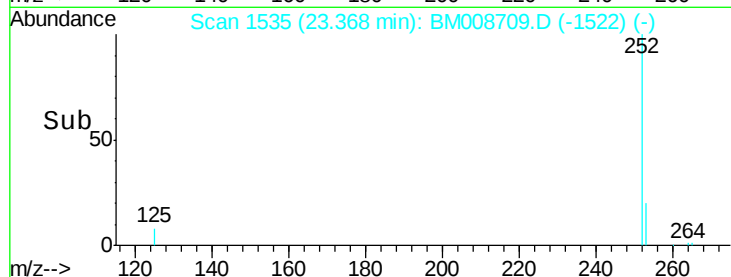
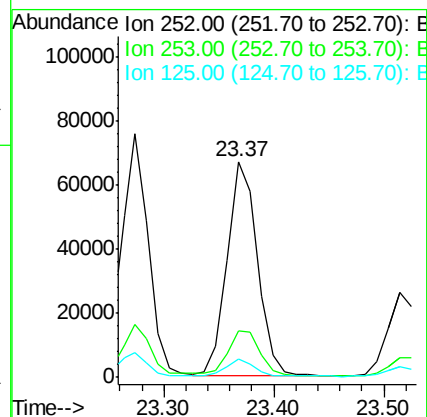
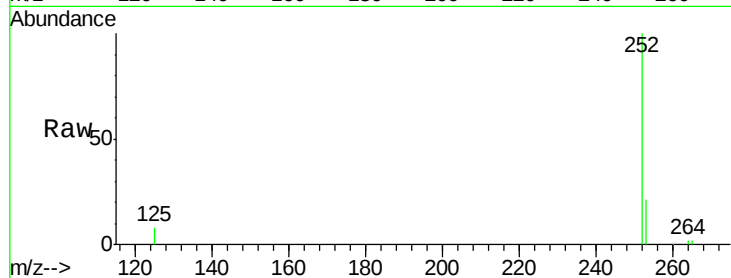
Tgt Ion:252 Resp: 127213

Ion Ratio Lower Upper

252 100

253 21.4 28.5 42.7#

125 8.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 15.23 ng/ul

RT: 25.70 min Scan# 1759

Delta R.T. -0.08 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

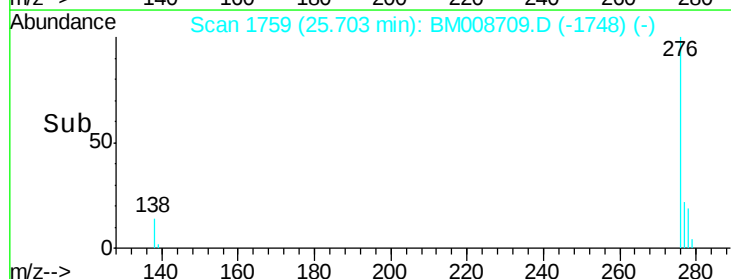
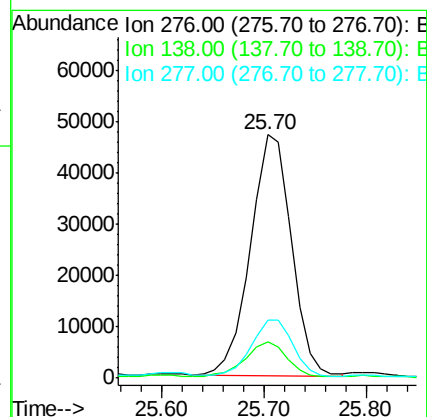
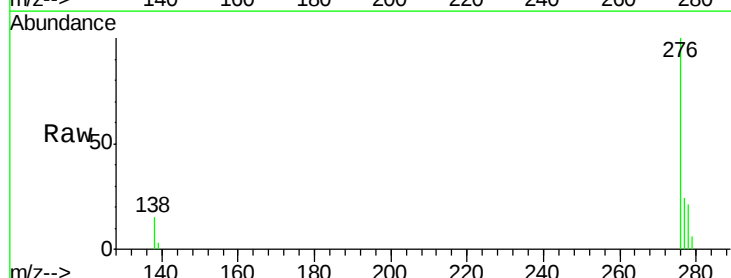
Tgt Ion:276 Resp: 131276

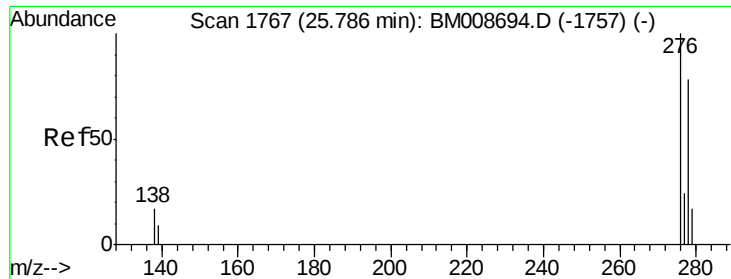
Ion Ratio Lower Upper

276 100

138 14.7 19.1 28.7#

277 23.6 19.6 29.4



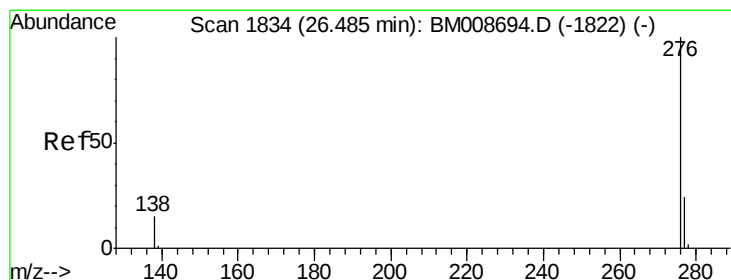
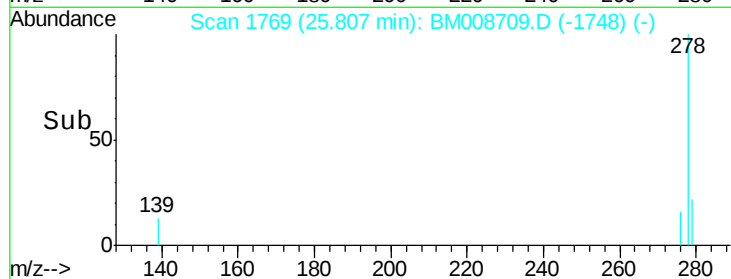
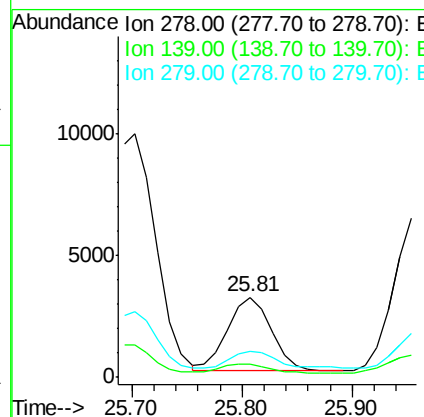
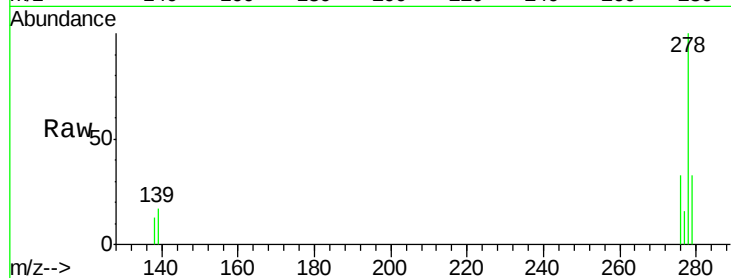


#25
Dibenzo(a,h)anthracene
Concen: 1.22 ng/ul
RT: 25.81 min Scan# 1769
Delta R.T. 0.02 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion: 278 Resp: 8421

Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.4	26.0
279	33.0	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 15.88 ng/ul
RT: 26.40 min Scan# 1826
Delta R.T. -0.08 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

Tgt Ion: 276 Resp: 117348

Ion	Ratio	Lower	Upper
276	100		
277	24.6	21.8	32.8
138	14.5	20.5	30.7#

