

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071415\
 Data File : BM001915.D
 Acq On : 14 Jul 2015 14:15
 Operator : TP/UM
 Sample : G2928-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1Y23

Quant Time: Jul 14 18:35:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 04:27:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1152	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	4570	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	2357	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	5133	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4428	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	3980	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	2140	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6142	0.44	ng/ul	0.00

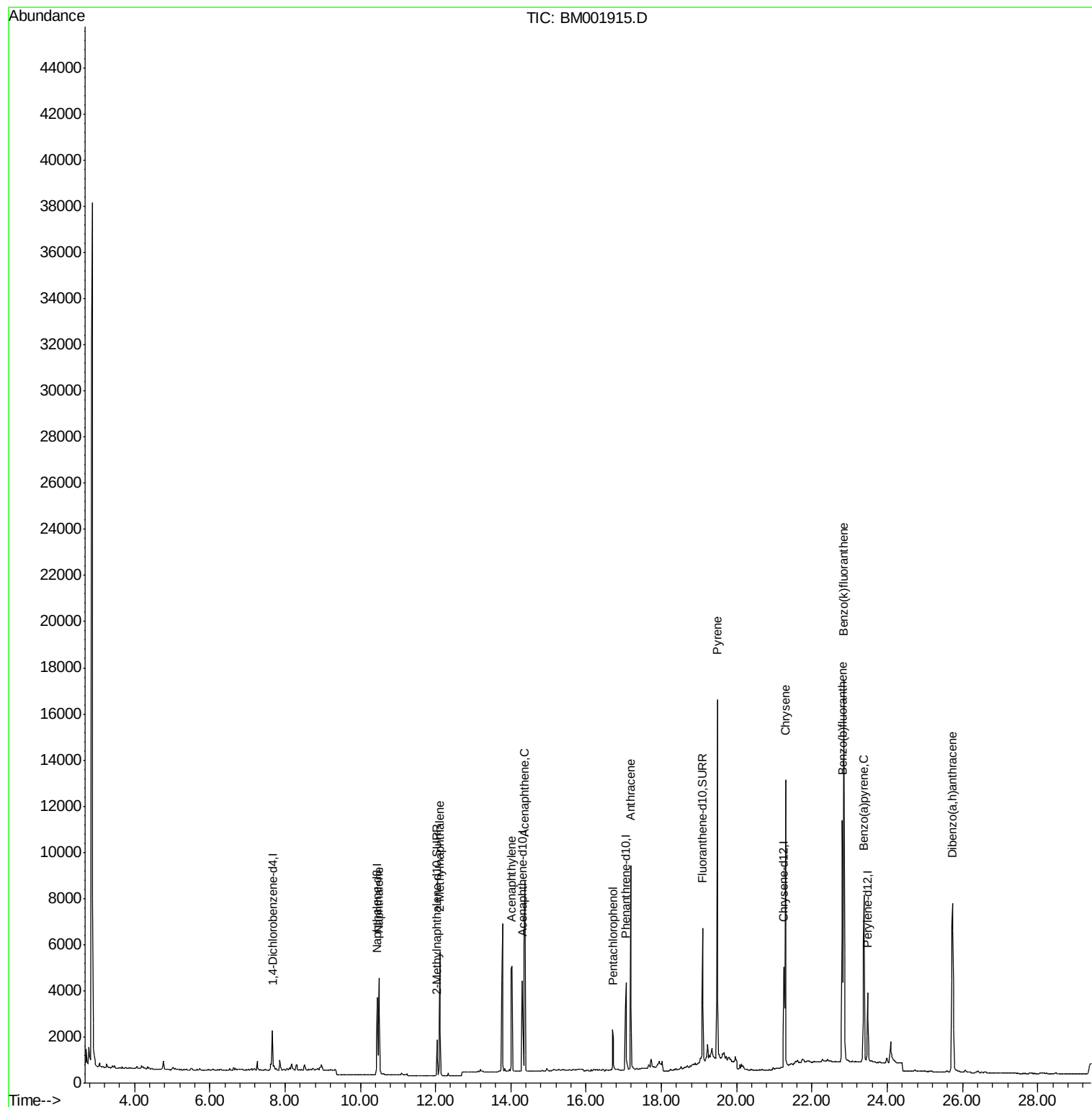
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	5805	0.42	ng/ul	99
5) 2-Methylnaphthalene	12.12	142	4306	0.47	ng/ul	100
7) Acenaphthylene	14.03	152	7537	0.54	ng/ul#	90
8) Acenaphthene	14.37	153	5929	0.60	ng/ul	99
11) Pentachlorophenol	16.70	266	1560	1.15	ng/ul	98
13) Anthracene	17.18	178	9603	0.56	ng/ul	100
17) Pyrene	19.49	202	17112	0.85	ng/ul#	90
19) Chrysene	21.30	228	11900	0.69	ng/ul	91
21) Benzo(b)fluoranthene	22.81	252	13127	0.72	ng/ul	94
22) Benzo(k)fluoranthene	22.85	252	20116	1.33	ng/ul	94
23) Benzo(a)pyrene	23.38	252	10067	0.64	ng/ul	97
25) Dibenzo(a,h)anthracene	25.74	278	10485	0.78	ng/ul	98

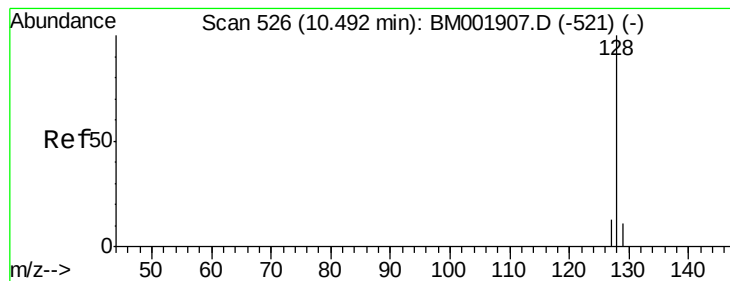
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.42 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1Y23

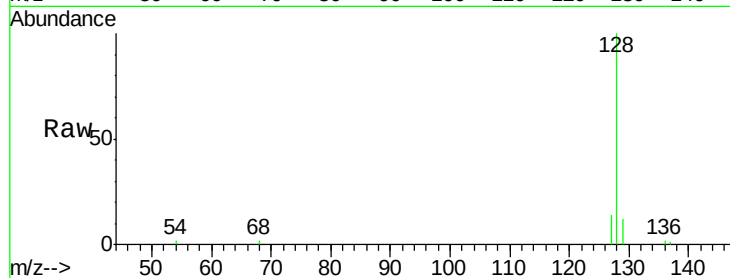
Tgt Ion:128 Resp: 5805

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

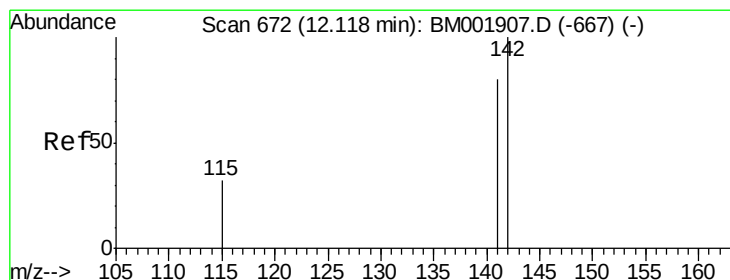
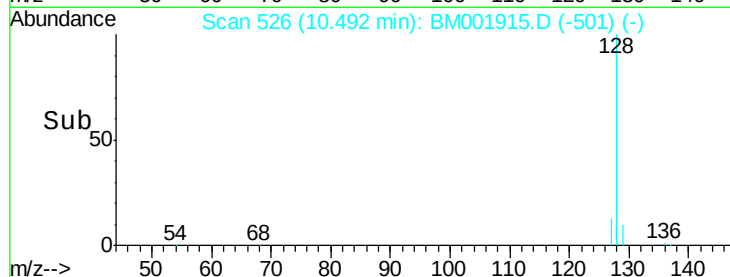
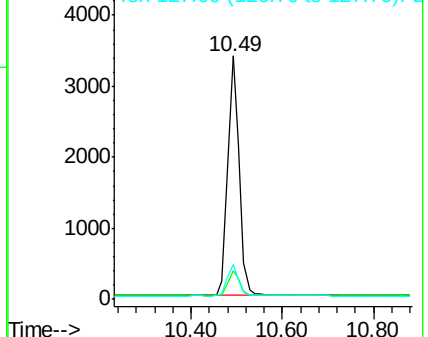
127 14.1 11.0 16.6



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: 0.47 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001915.D

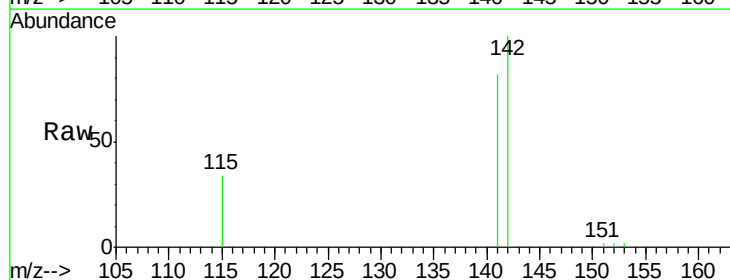
Acq: 14 Jul 2015 14:15

Tgt Ion:142 Resp: 4306

Ion Ratio Lower Upper

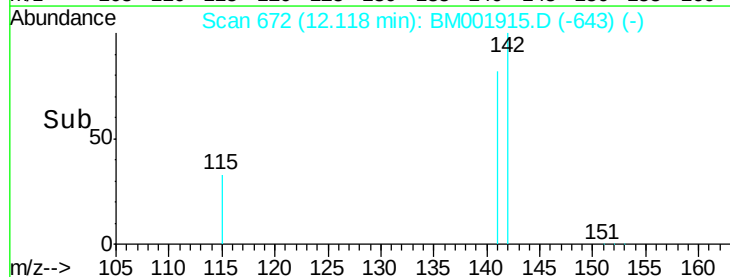
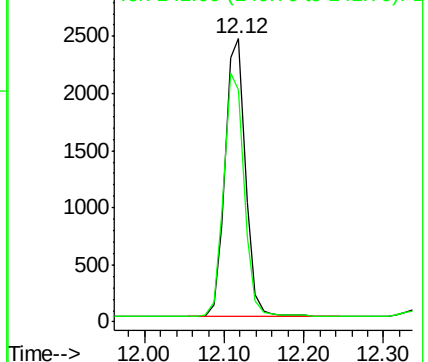
142 100

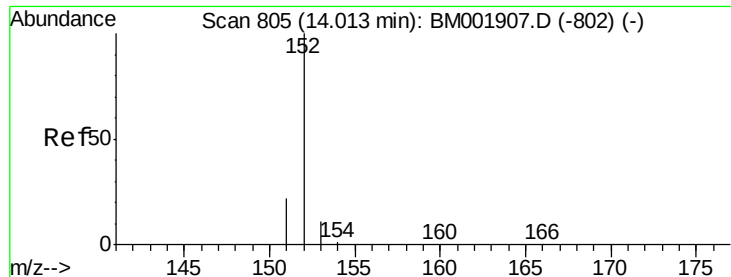
141 88.3 70.7 106.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.54 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.02 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1Y23

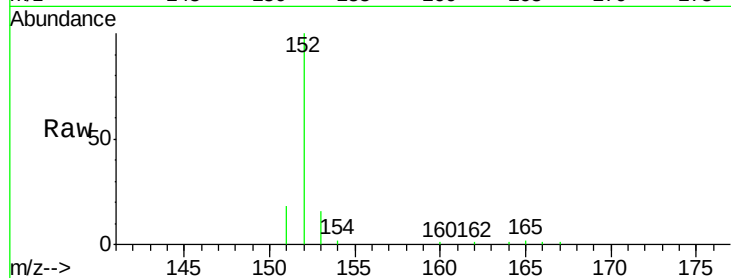
Tgt Ion:152 Resp: 7537

Ion Ratio Lower Upper

152 100

151 17.6 18.5 27.7#

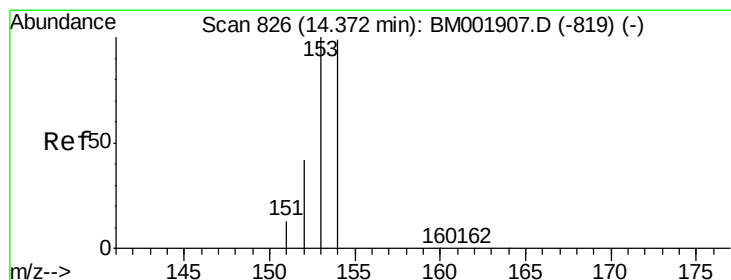
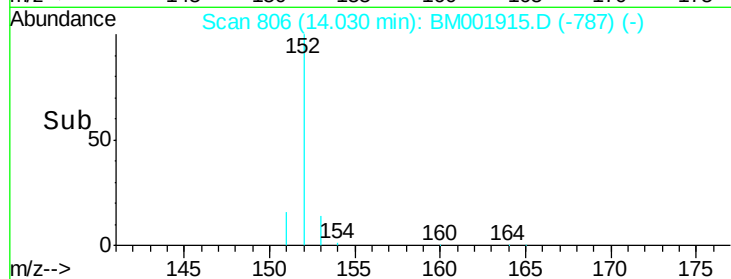
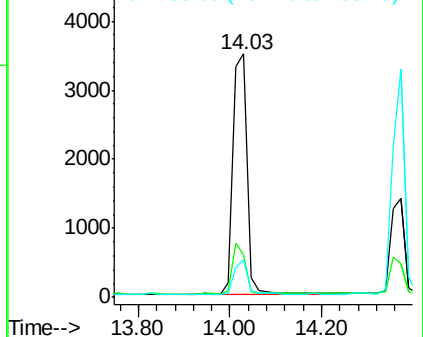
153 15.5 10.3 15.5#



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: 0.60 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

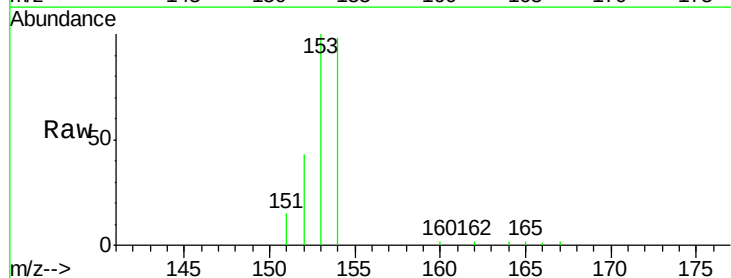
Tgt Ion:153 Resp: 5929

Ion Ratio Lower Upper

153 100

152 43.4 34.9 52.3

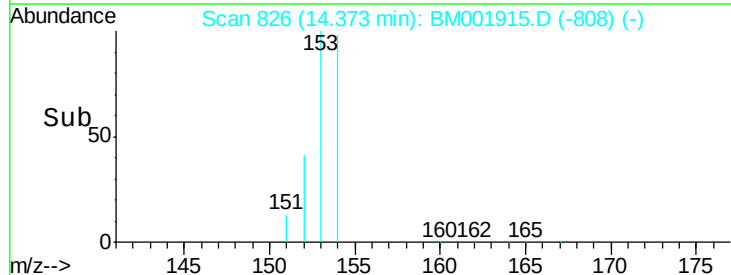
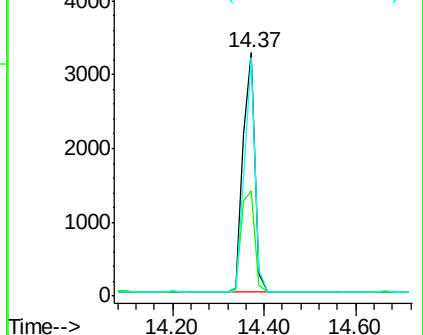
154 97.9 79.0 118.4

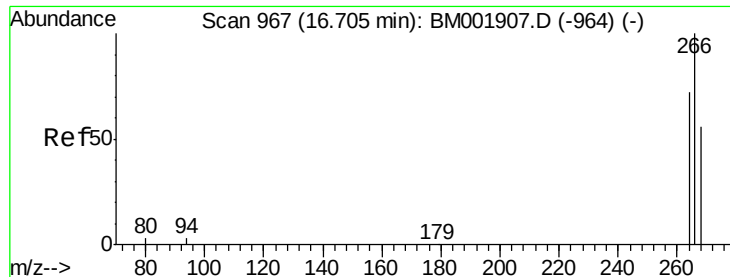


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

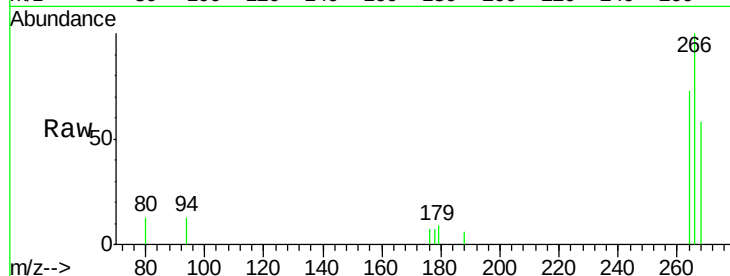




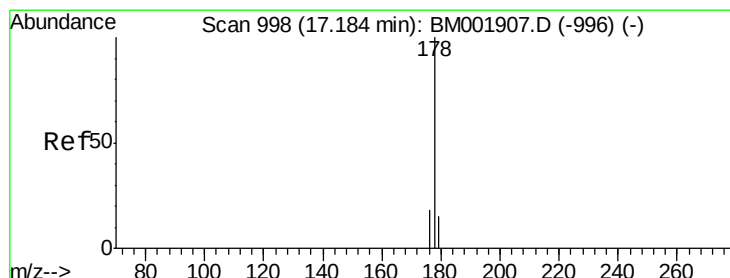
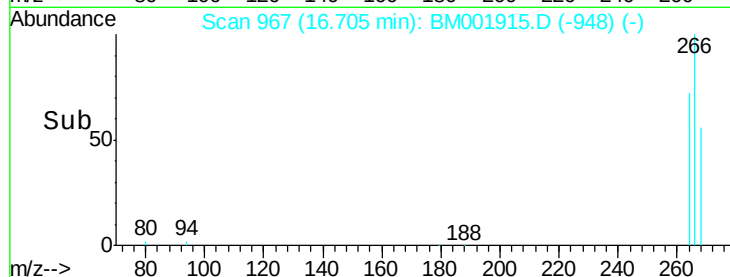
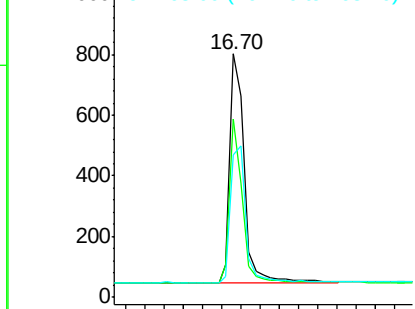
#11
 Pentachlorophenol
 Concen: 1.15 ng/ul
 RT: 16.70 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BM001915.D
 Acq: 14 Jul 2015 14:15

Instrument :
 BNA_M
 ClientSampleId :
 X1Y23

Tgt Ion: 266 Resp: 1560
 Ion Ratio Lower Upper
 266 100
 264 64.2 49.9 74.9
 268 64.4 52.1 78.1

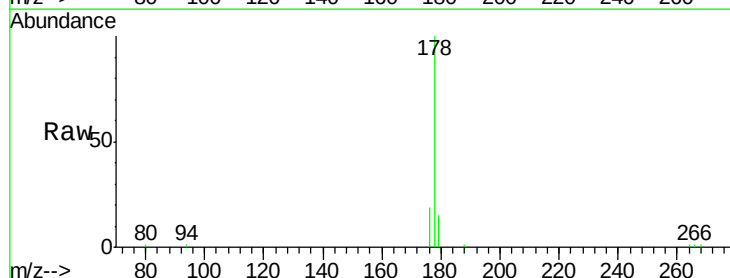


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

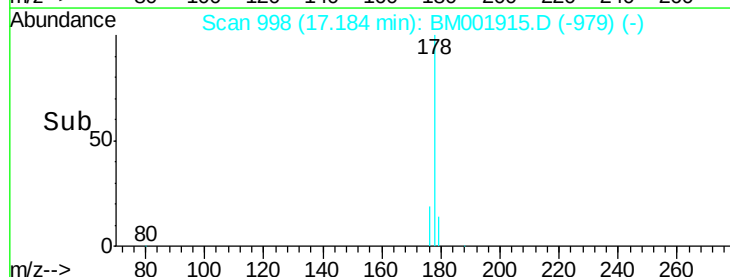
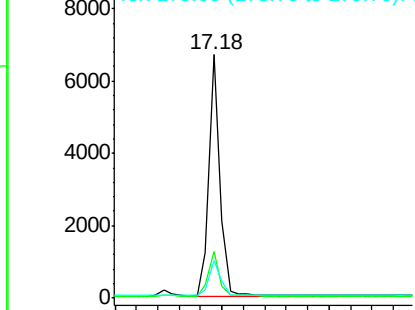


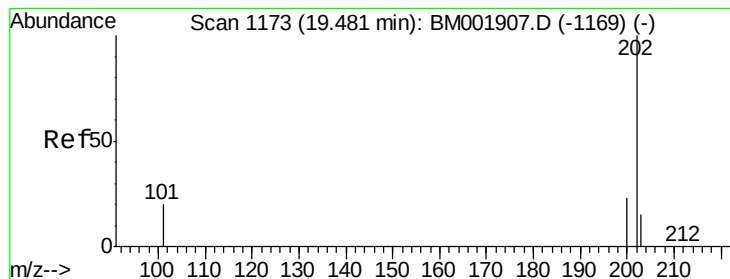
#13
 Anthracene
 Concen: 0.56 ng/ul
 RT: 17.18 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BM001915.D
 Acq: 14 Jul 2015 14:15

Tgt Ion: 178 Resp: 9603
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 18.8



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: 0.85 ng/ul

RT: 19.49 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1Y23

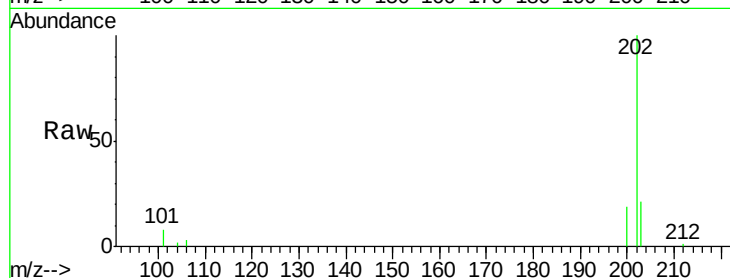
Tgt Ion:202 Resp: 17112

Ion Ratio Lower Upper

202 100

200 18.7 18.7 28.1#

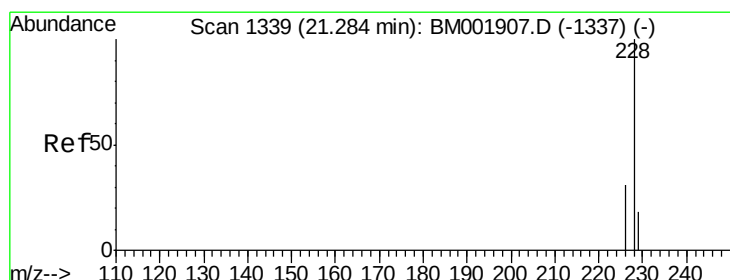
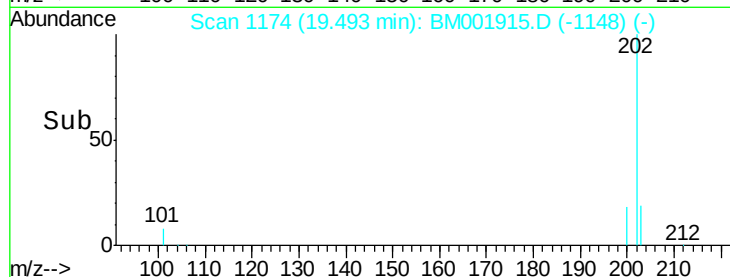
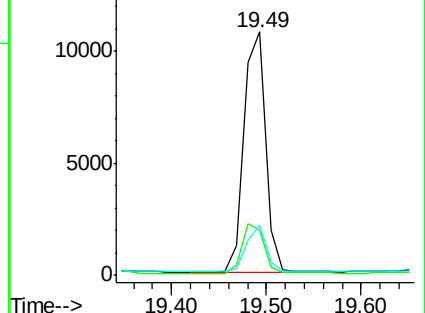
203 20.5 13.0 19.4#



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



#19

Chrysene

Concen: 0.69 ng/ul

RT: 21.30 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

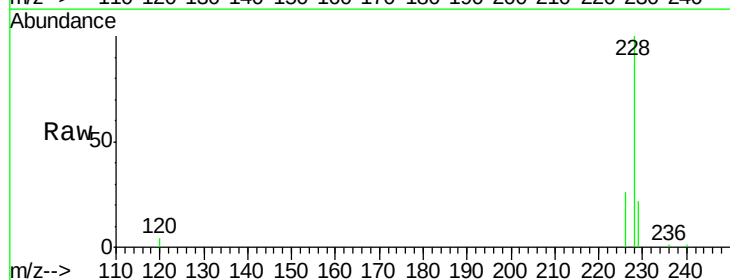
Tgt Ion:228 Resp: 11900

Ion Ratio Lower Upper

228 100

226 26.4 25.7 38.5

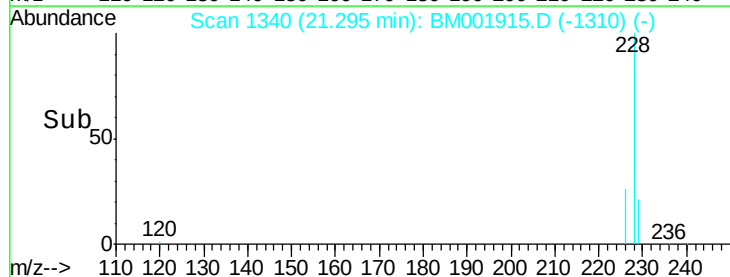
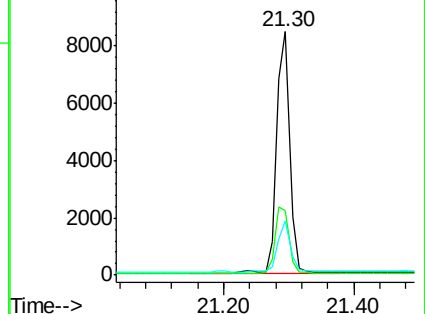
229 22.2 14.8 22.2

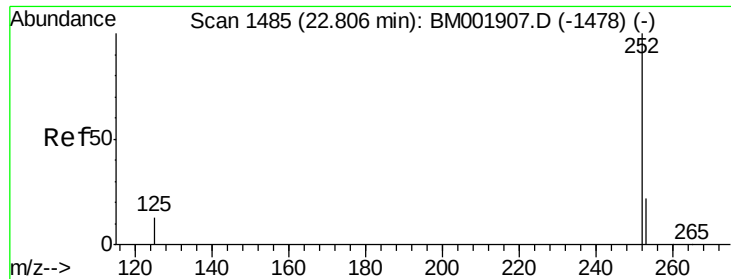


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.72 ng/ul

RT: 22.81 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1Y23

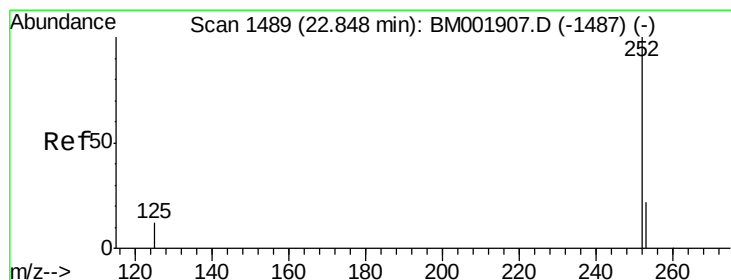
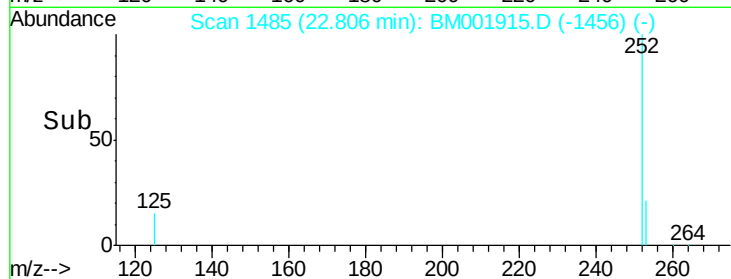
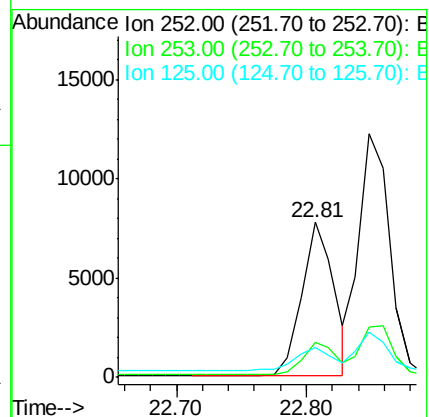
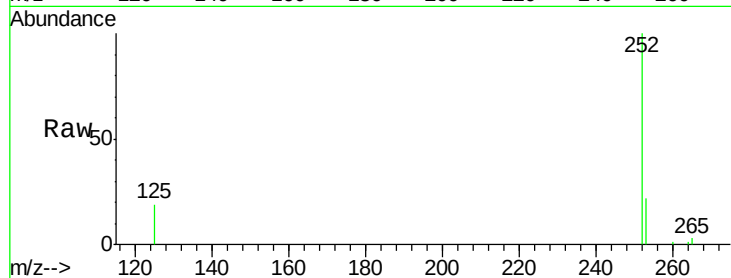
Tgt Ion:252 Resp: 13127

Ion Ratio Lower Upper

252 100

253 22.2 0.0 49.0

125 19.5 0.0 31.0



#22

Benzo(k)fluoranthene

Concen: 1.33 ng/ul

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

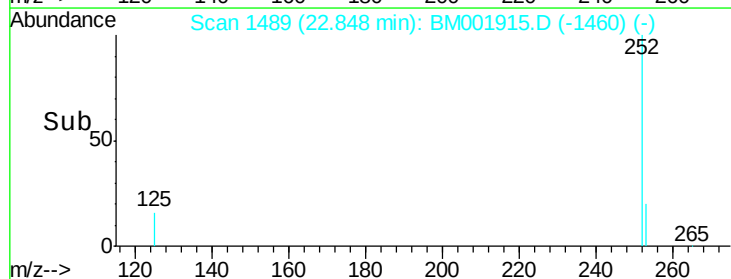
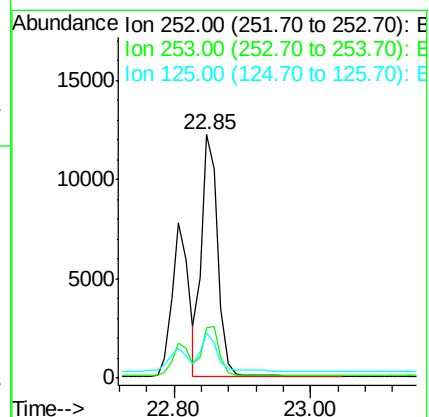
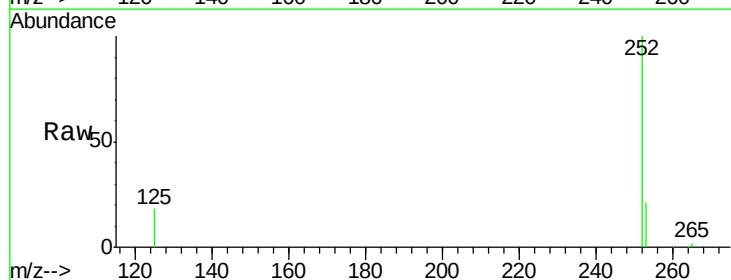
Tgt Ion:252 Resp: 20116

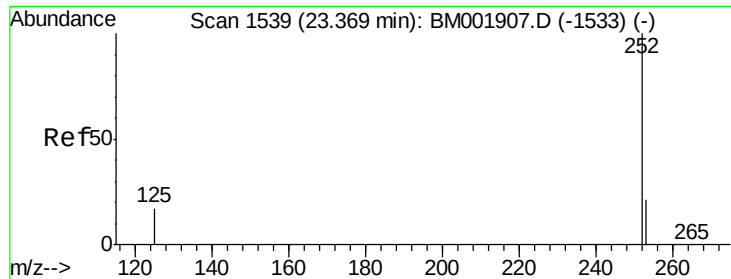
Ion Ratio Lower Upper

252 100

253 20.9 18.7 28.1

125 18.5 12.5 18.7





#23

Benzo(a)pyrene

Concen: 0.64 ng/ul

RT: 23.38 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1Y23

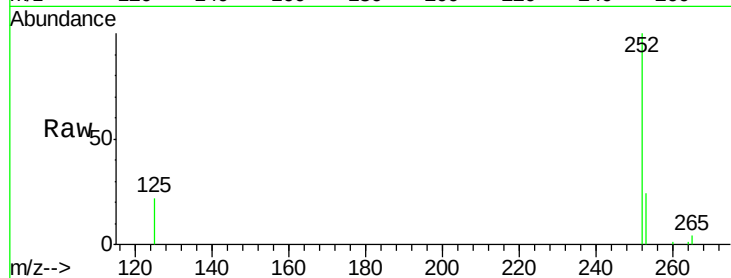
Tgt Ion:252 Resp: 10067

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

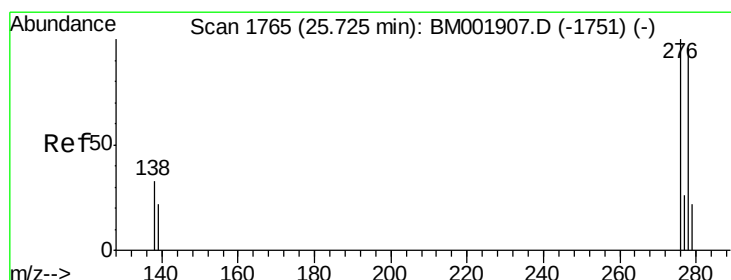
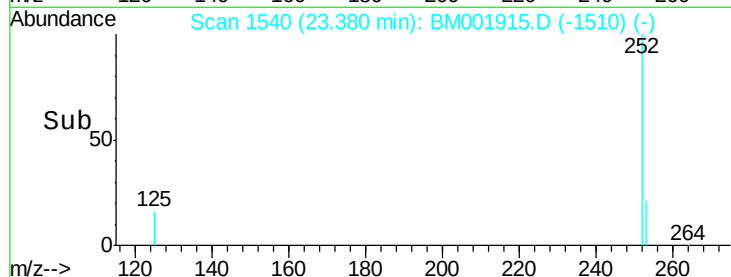
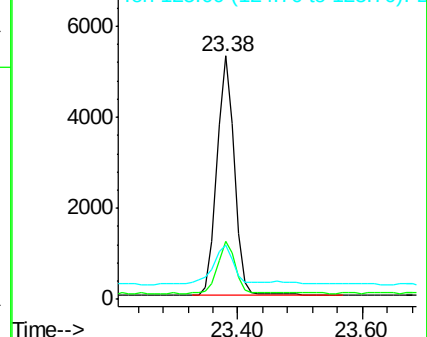
125 22.2 15.4 23.2



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



#25

Dibenzo(a,h)anthracene

Concen: 0.78 ng/ul

RT: 25.74 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BM001915.D

Acq: 14 Jul 2015 14:15

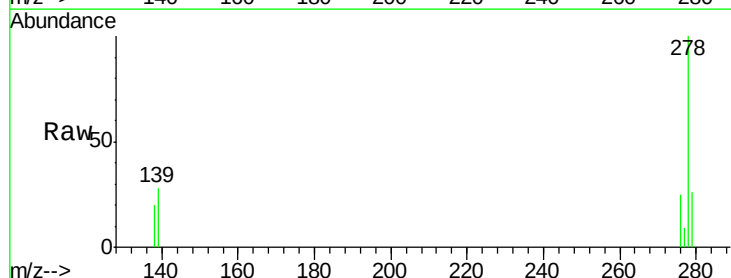
Tgt Ion:278 Resp: 10485

Ion Ratio Lower Upper

278 100

139 27.9 20.6 31.0

279 25.5 20.3 30.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

