

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000488.D
 Acq On : 11 Feb 2015 22:10
 Operator : TP/IZ
 Sample : G1249-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL2MSD

Quant Time: Feb 12 00:09:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3186	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	11446	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7546	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1221409	0.40	ng/ul	0.11
16) Chrysene-d12	21.30	240	11934	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	721271	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	6220	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.50	212	1162623	0.43	ng/ul	0.36

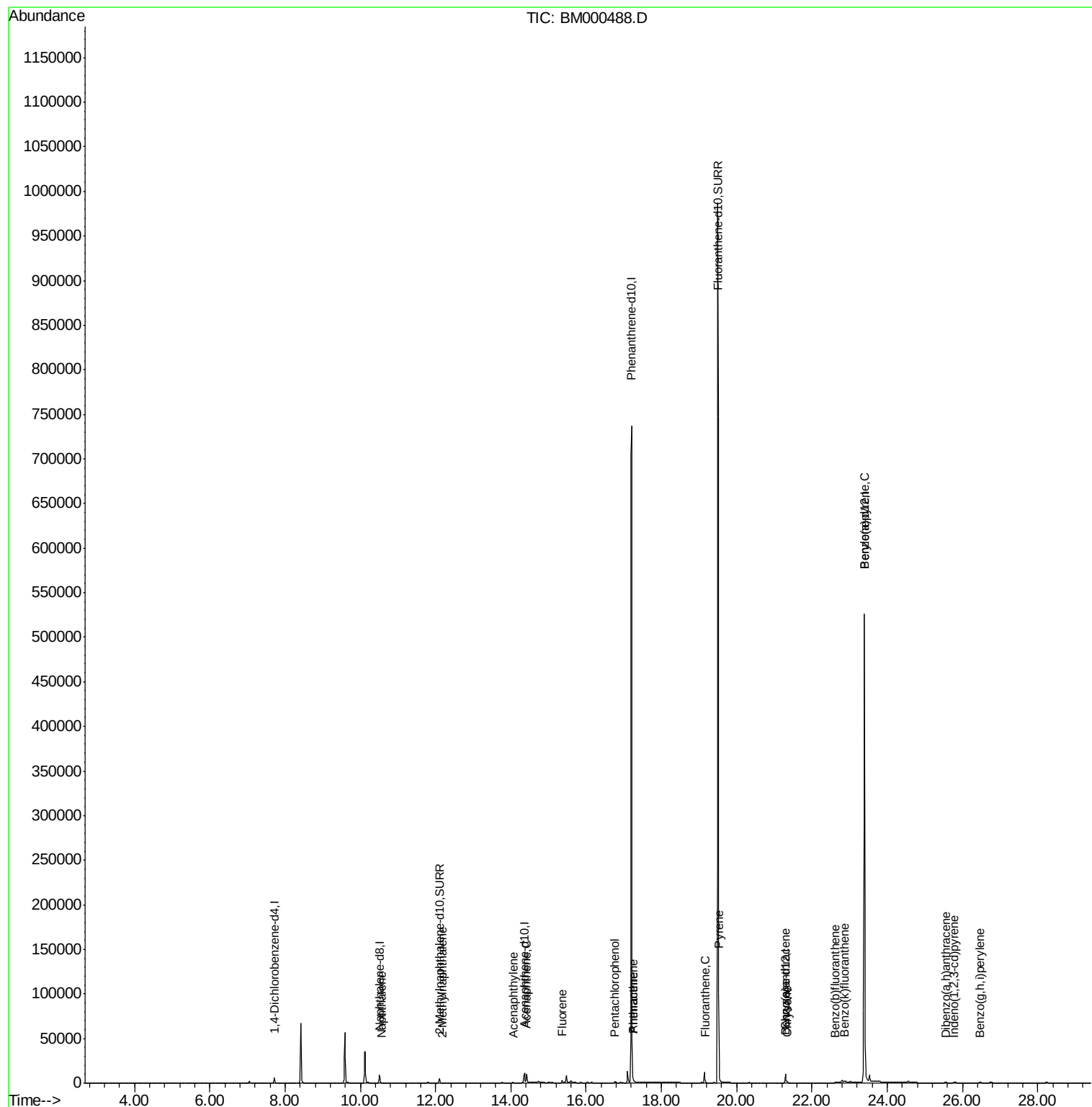
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	109	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.17	142	40	0.00	ng/ul	90
7) Acenaphthylene	14.05	152	133	0.00	ng/ul#	1
8) Acenaphthene	14.41	153	7710	0.33	ng/ul	97
9) Fluorene	15.35	166	2234	0.08	ng/ul#	18
11) Pentachlorophenol	16.76	266	1199	0.01	ng/ul	98
12) Phenanthrene	17.24	178	1043	0.00	ng/ul#	60
13) Anthracene	17.24	178	1038	0.00	ng/ul#	58
15) Fluoranthene	19.16	202	833	0.00	ng/ul	82
17) Pyrene	19.53	202	23108	0.53	ng/ul#	93
18) Benzo(a)anthracene	21.28	228	1292	0.04	ng/ul#	89
19) Chrysene	21.33	228	1406	0.03	ng/ul#	93
21) Benzo(b)fluoranthene	22.61	252	282	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	1215	0.00	ng/ul#	24
23) Benzo(a)pyrene	23.39	252	4183	0.00	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.78	276	843	0.00	ng/ul	96
25) Dibenzo(a,h)anthracene	25.54	278	36	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.47	276	756	0.00	ng/ul#	62

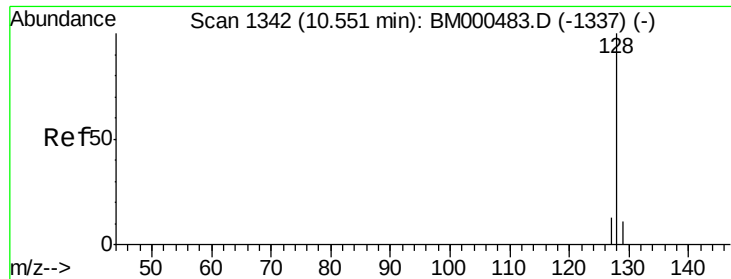
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

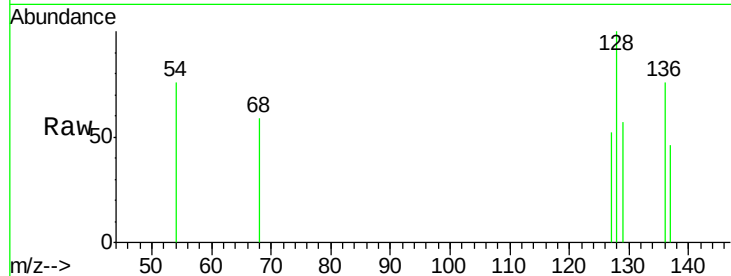
Tgt Ion:128 Resp: 109

Ion Ratio Lower Upper

128 100

129 57.1 9.2 13.8#

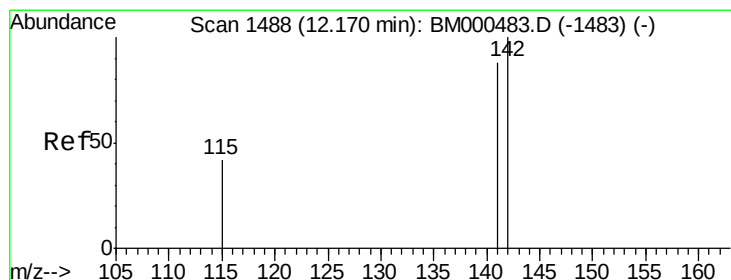
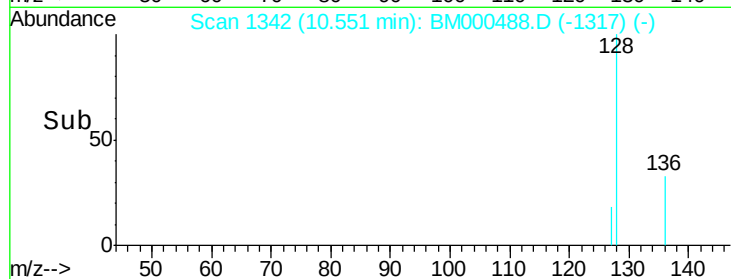
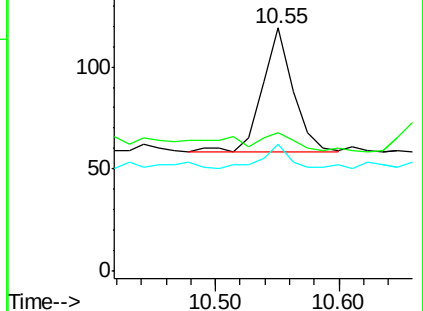
127 52.1 11.2 16.8#



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: 0.00 ng/ul

RT: 12.17 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM000488.D

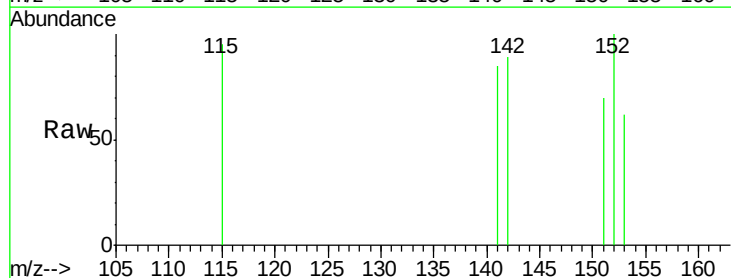
Acq: 11 Feb 2015 22:10

Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

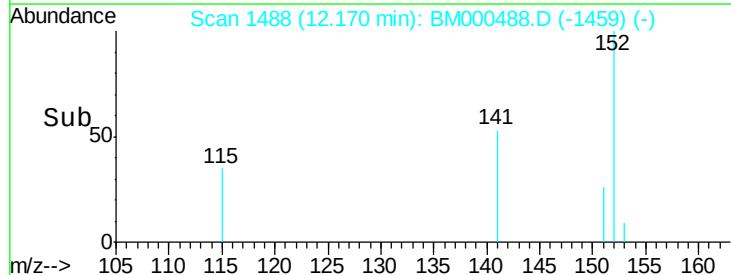
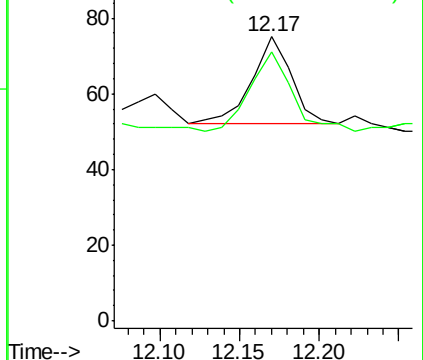
142 100

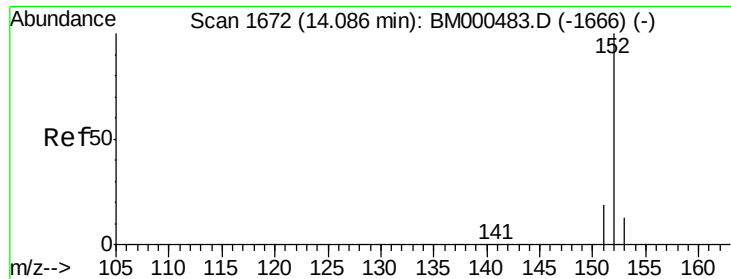
141 97.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. -0.03 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

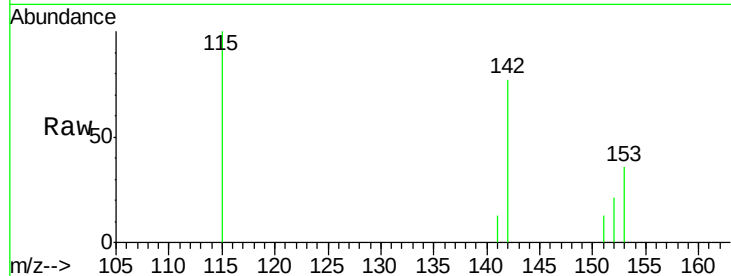
Tgt Ion:152 Resp: 133

Ion Ratio Lower Upper

152 100

151 61.3 16.1 24.1#

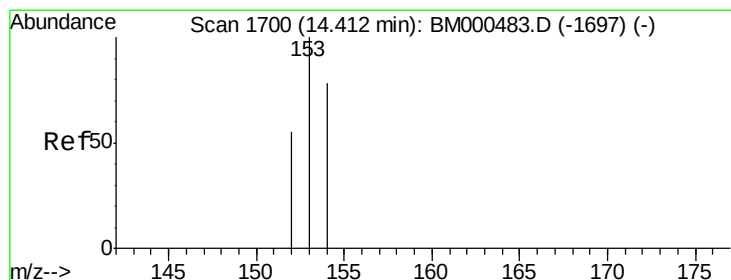
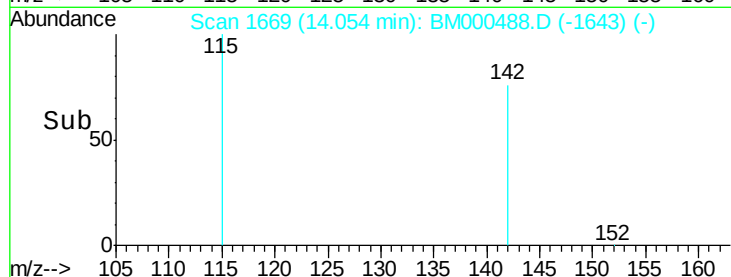
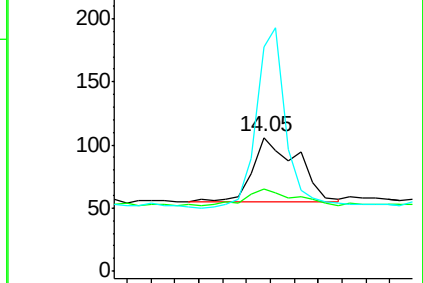
153 167.9 10.6 15.8#



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: 0.33 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

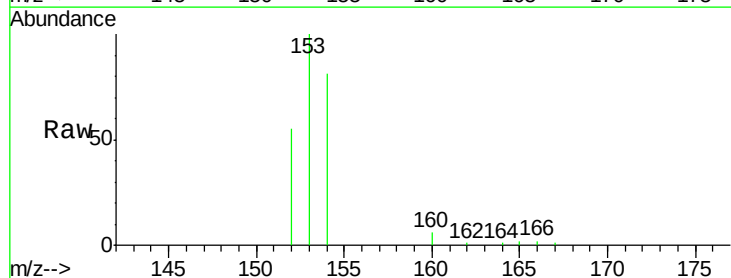
Tgt Ion:153 Resp: 7710

Ion Ratio Lower Upper

153 100

152 55.5 45.6 68.4

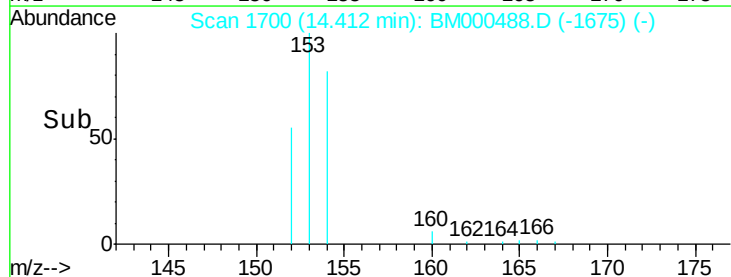
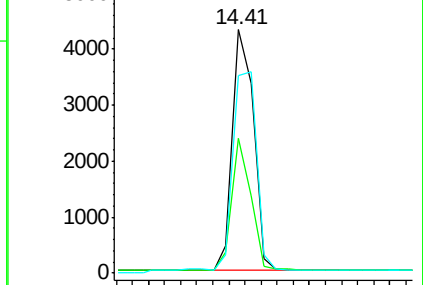
154 81.4 62.5 93.7

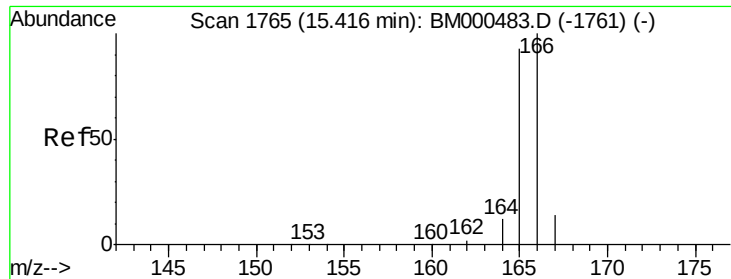


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.35 min Scan# 1761

Delta R.T. -0.06 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

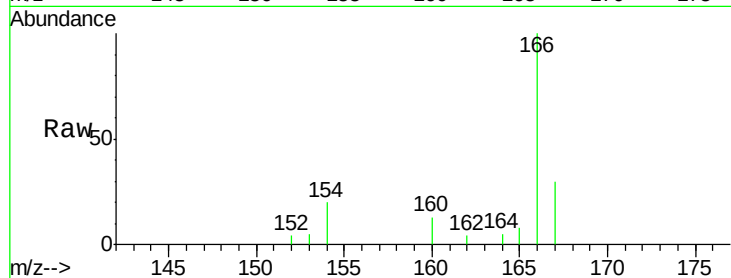
Tgt Ion:166 Resp: 2234

Ion Ratio Lower Upper

166 100

165 8.2 74.4 111.6#

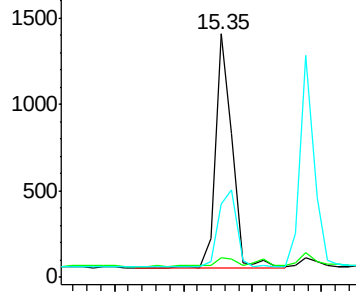
167 30.0 11.3 16.9#



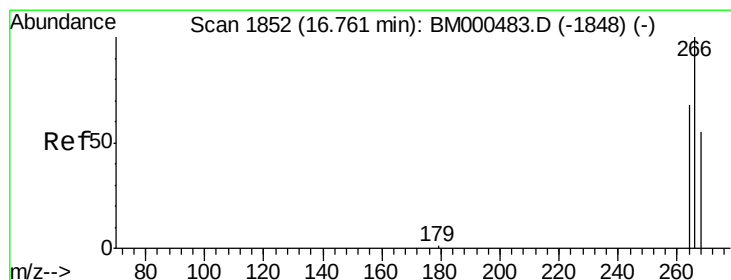
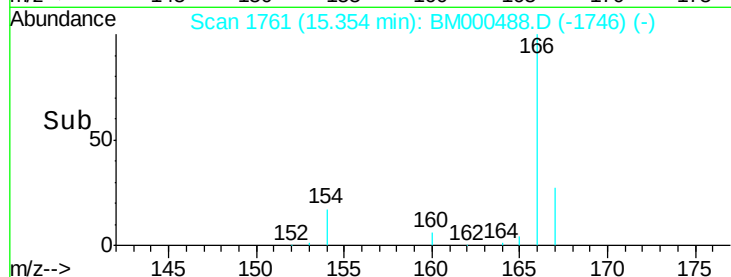
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.76 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

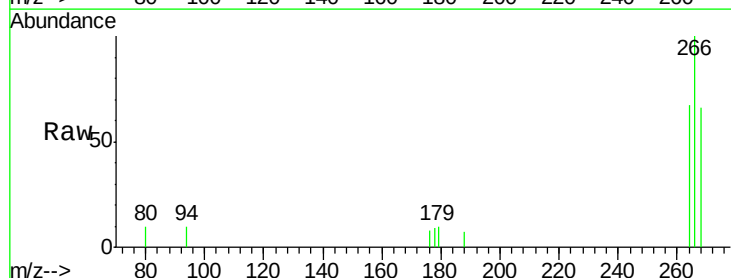
Tgt Ion:266 Resp: 1199

Ion Ratio Lower Upper

266 100

264 64.0 49.8 74.6

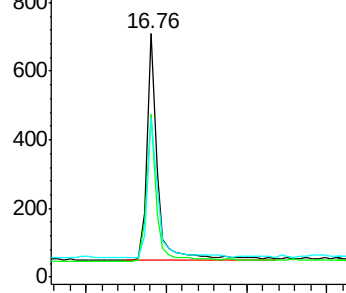
268 62.5 51.2 76.8



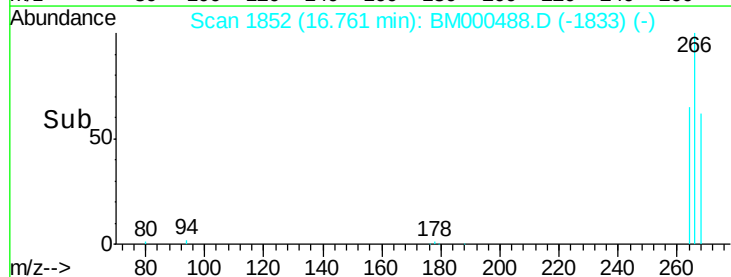
Abundance Ion 266.00 (265.70 to 266.70): E

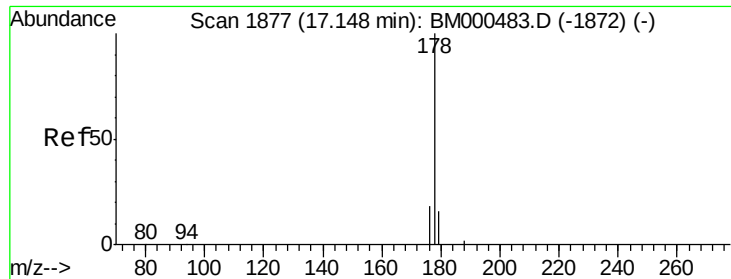
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.24 min Scan# 1883

Delta R.T. 0.09 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

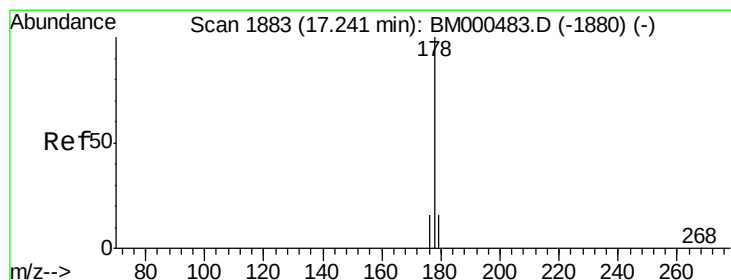
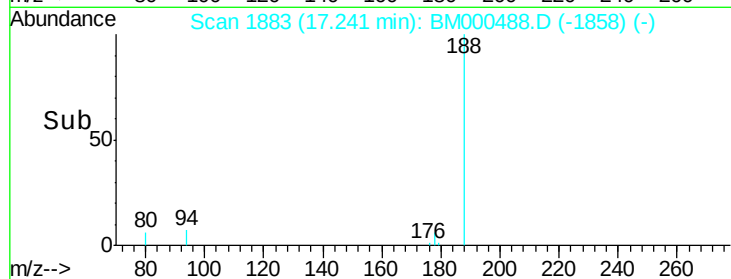
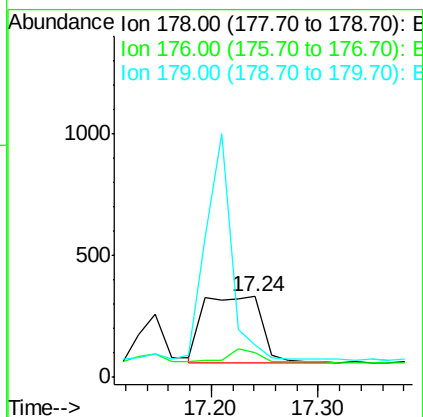
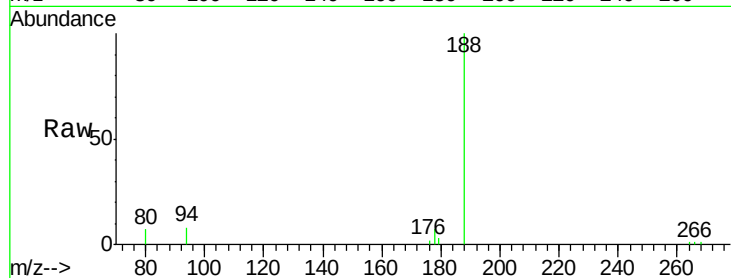
Tgt Ion:178 Resp: 1043

Ion Ratio Lower Upper

178 100

176 30.3 15.0 22.4#

179 39.9 13.0 19.4#



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.24 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

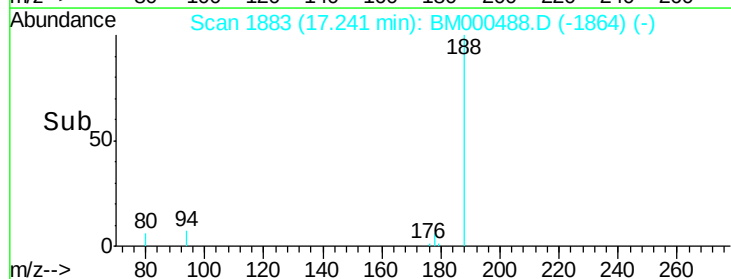
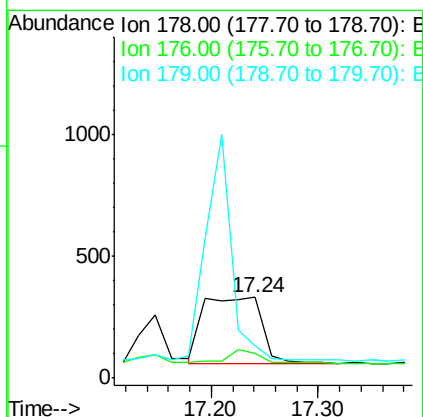
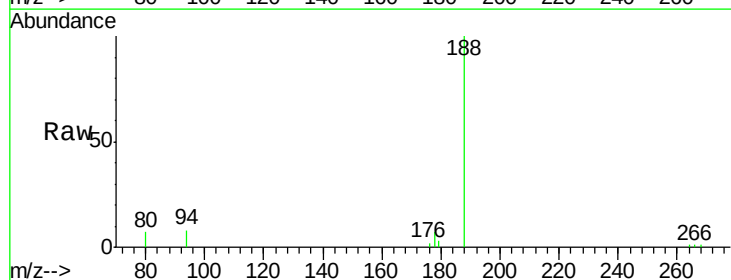
Tgt Ion:178 Resp: 1038

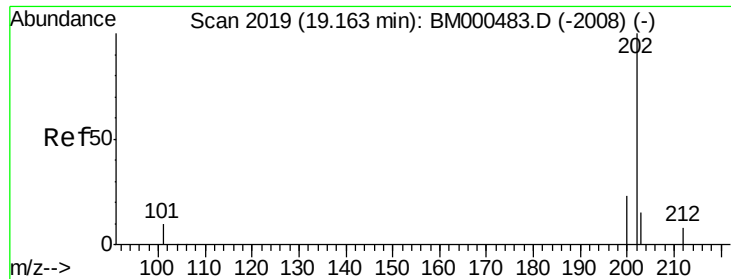
Ion Ratio Lower Upper

178 100

176 30.3 13.9 20.9#

179 39.9 13.2 19.8#

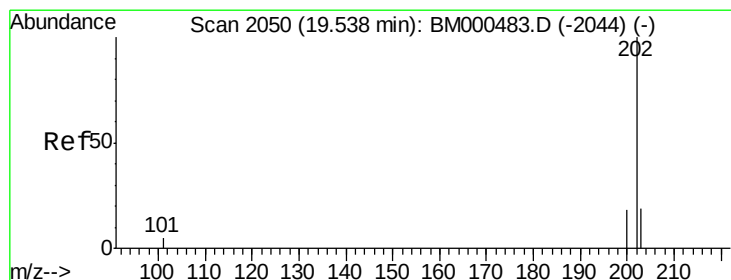
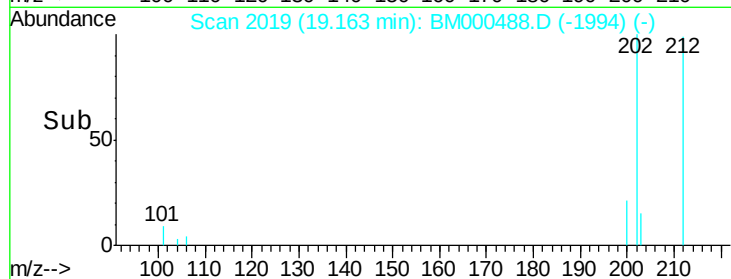
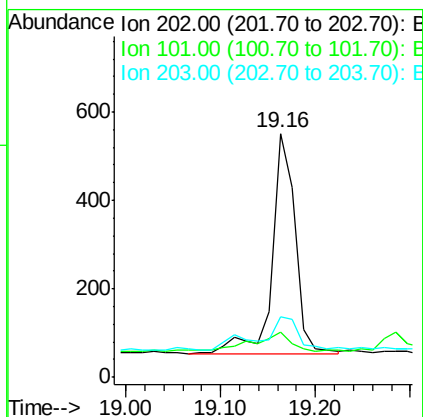
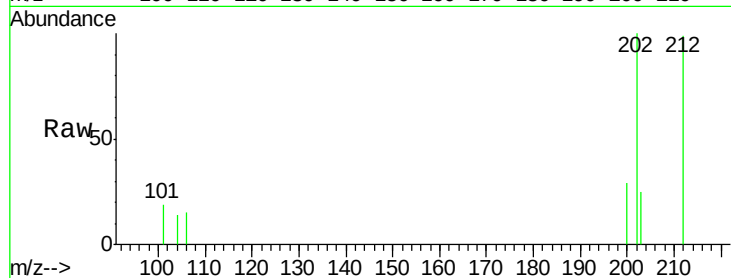




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.16 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM000488.D
Acq: 11 Feb 2015 22:10

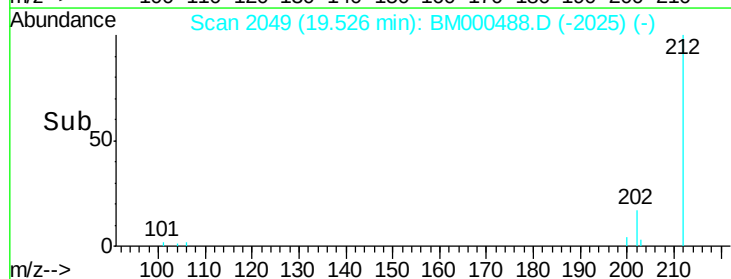
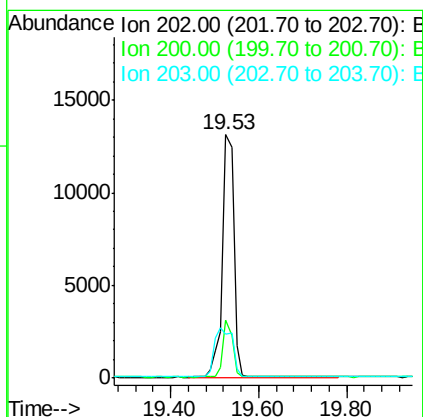
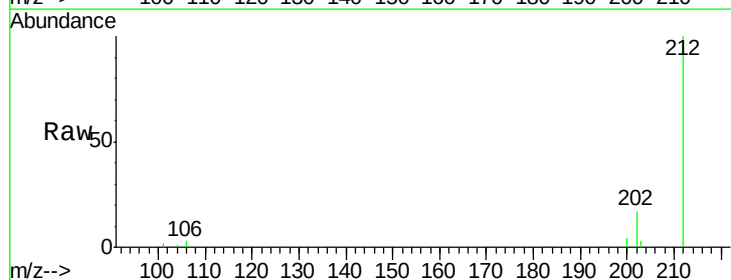
Instrument :
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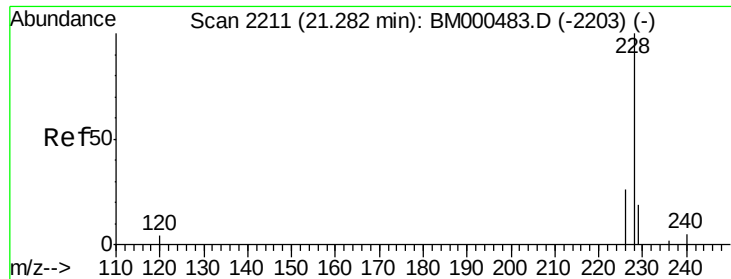
Tgt Ion:202 Resp: 833
Ion Ratio Lower Upper
202 100
101 18.5 0.0 24.6
203 24.9 0.0 39.2



#17
Pyrene
Concen: 0.53 ng/ul
RT: 19.53 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM000488.D
Acq: 11 Feb 2015 22:10

Tgt Ion:202 Resp: 23108
Ion Ratio Lower Upper
202 100
200 23.8 14.9 22.3#
203 18.2 15.4 23.0





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

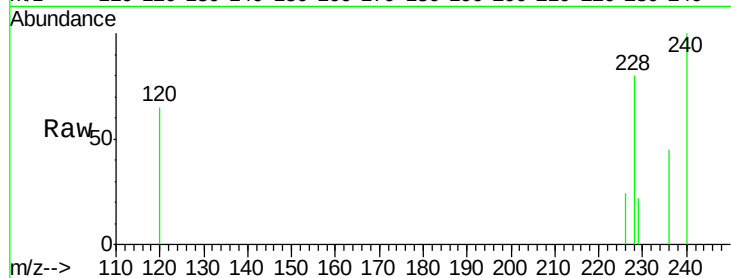
Tgt Ion:228 Resp: 1292

Ion Ratio Lower Upper

228 100

226 29.6 21.4 32.0

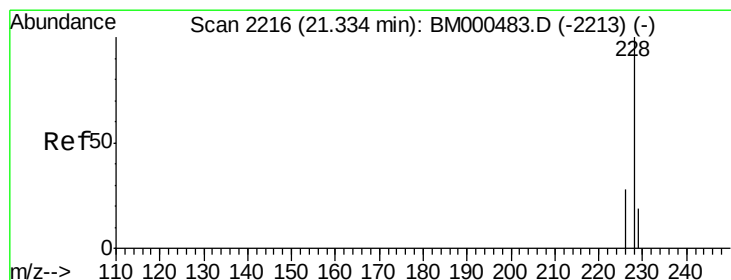
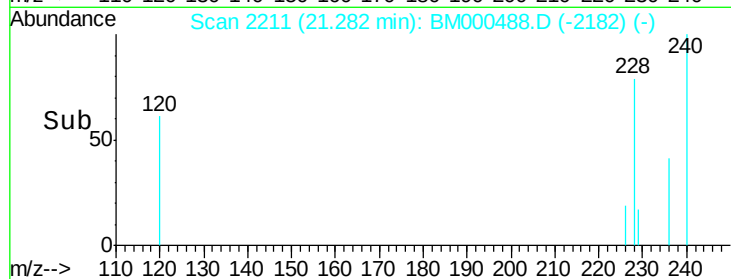
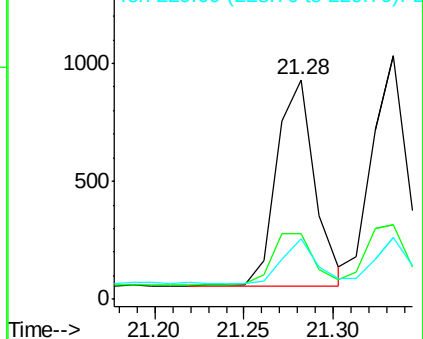
229 27.5 15.6 23.4#



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: 0.03 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

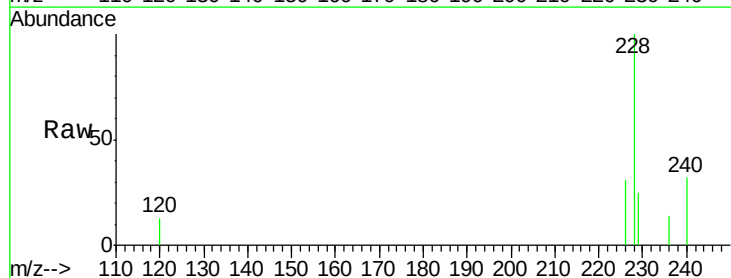
Tgt Ion:228 Resp: 1406

Ion Ratio Lower Upper

228 100

226 30.8 23.0 34.6

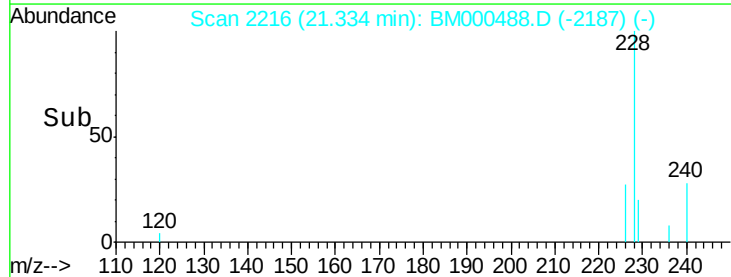
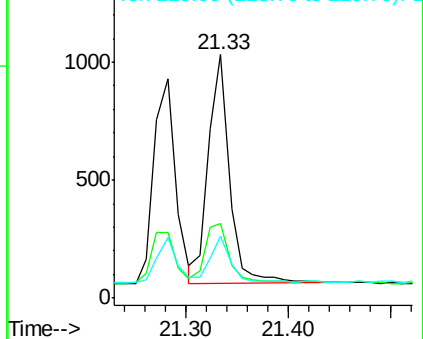
229 25.5 15.9 23.9#

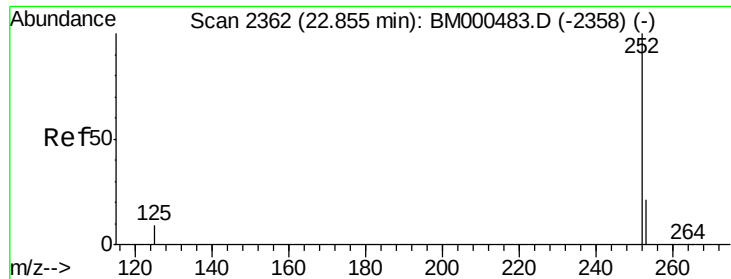


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.61 min Scan# 2338

Delta R.T. -0.25 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

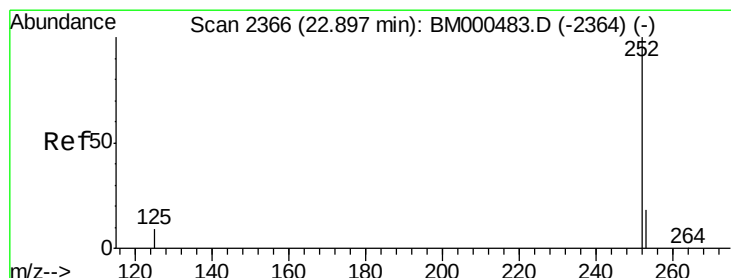
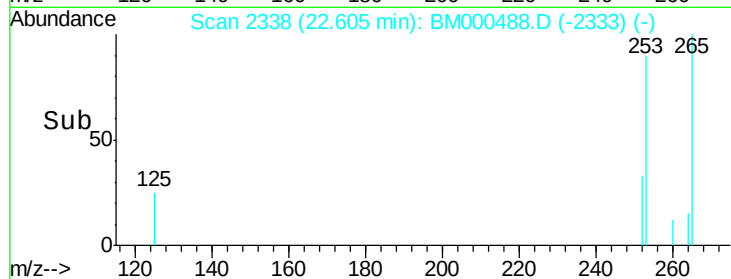
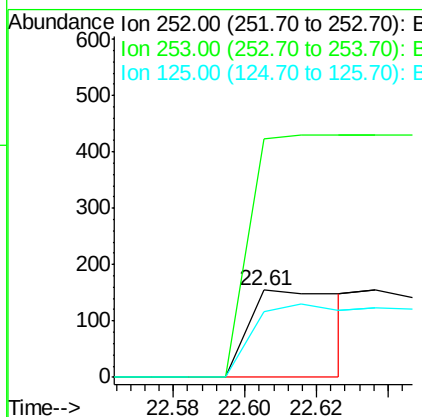
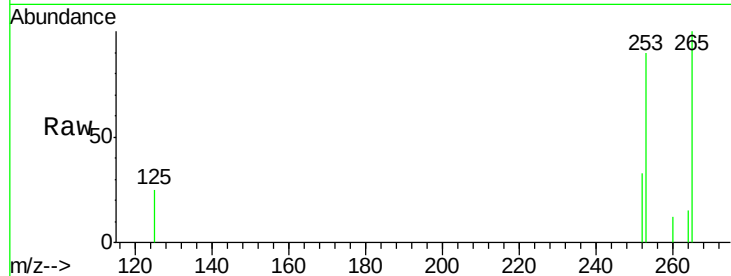
Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

Tgt Ion:	252	Resp:	282
Ion Ratio	Lower	Upper	
252	100		
253	272.9	0.0	49.0#
125	75.5	0.0	18.4#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

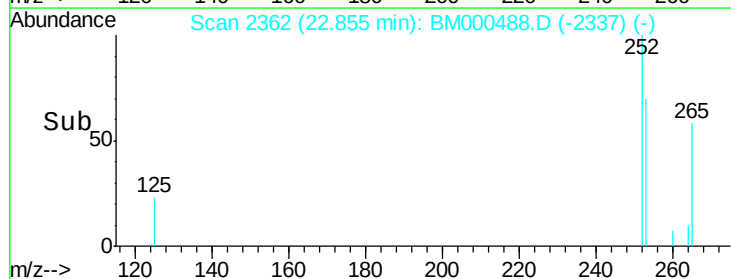
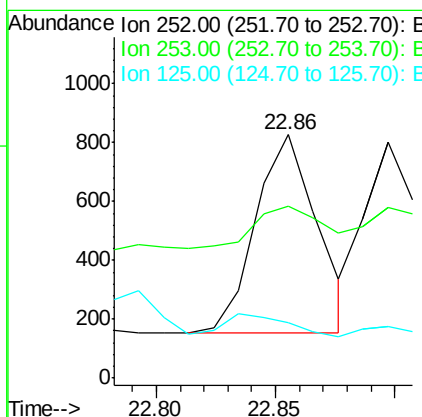
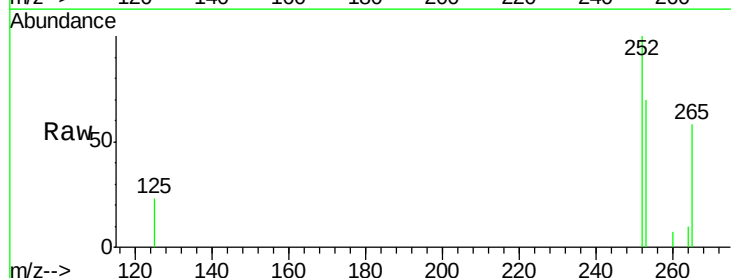
RT: 22.86 min Scan# 2362

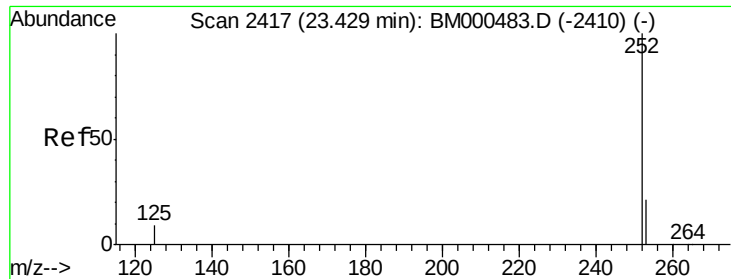
Delta R.T. -0.04 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Tgt Ion:	252	Resp:	1215
Ion Ratio	Lower	Upper	
252	100		
253	70.4	19.8	29.6#
125	23.0	7.6	11.4#





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.39 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Instrument :

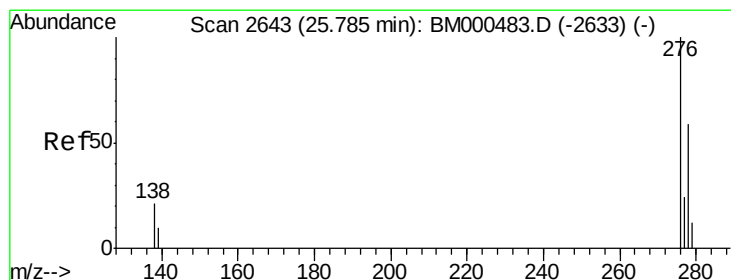
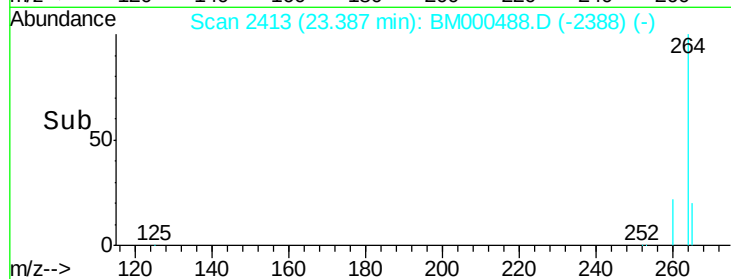
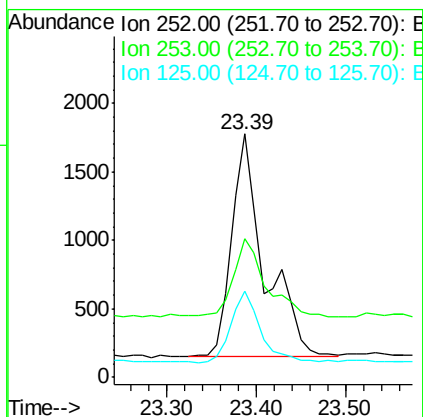
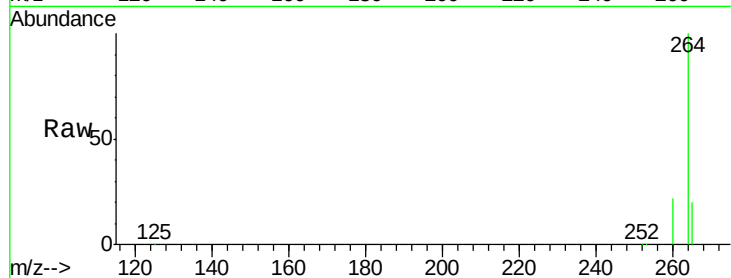
BNA_M

ClientSampleId :

A4FL2MSD

Tgt Ion:252 Resp: 4183

Ion	Ratio	Lower	Upper
252	100		
253	57.0	21.2	31.8#
125	35.7	8.4	12.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.78 min Scan# 2643

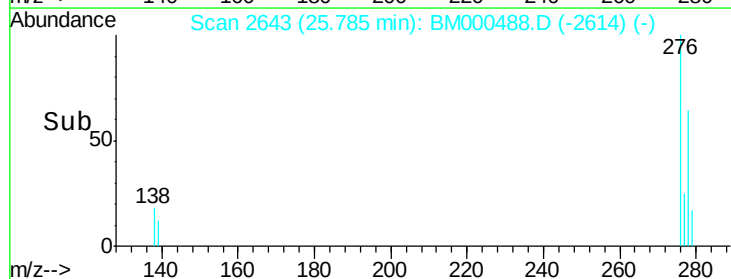
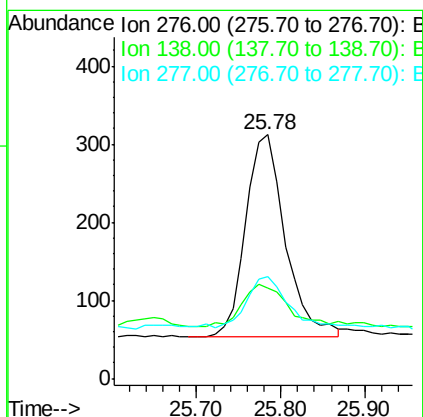
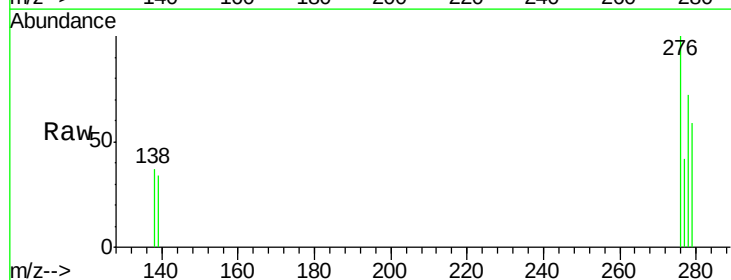
Delta R.T. -0.00 min

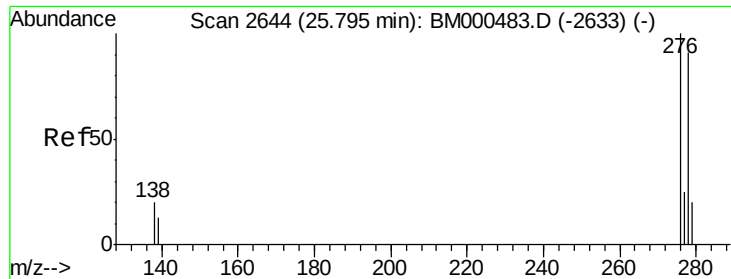
Lab File: BM000488.D

Acq: 11 Feb 2015 22:10

Tgt Ion:276 Resp: 843

Ion	Ratio	Lower	Upper
276	100		
138	24.3	16.3	24.5
277	24.4	20.0	30.0

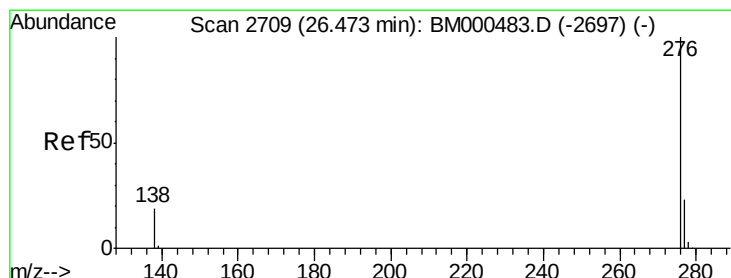
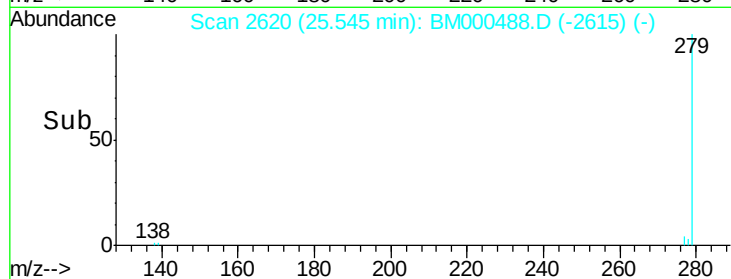
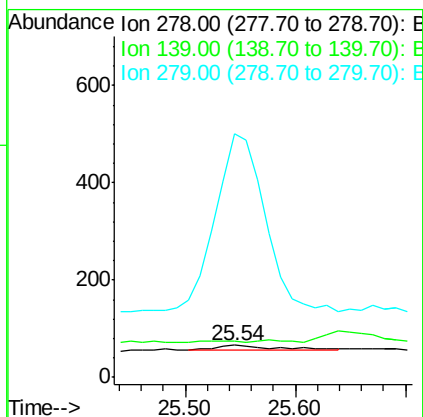
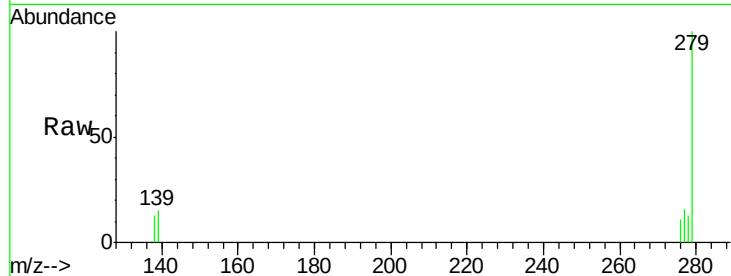




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.54 min Scan# 2620
Delta R.T. -0.25 min
Lab File: BM000488.D
Acq: 11 Feb 2015 22:10

Instrument :
BNA_M
ClientSampleId :
A4FL2MSD

Tgt Ion: 278 Resp: 36
Ion Ratio Lower Upper
278 100
139 113.6 13.4 20.0#
279 759.1 21.3 31.9#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.47 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BM000488.D
Acq: 11 Feb 2015 22:10

Tgt Ion: 276 Resp: 756
Ion Ratio Lower Upper
276 100
277 41.5 20.2 30.4#
138 41.2 16.0 24.0#

