

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004752.D
 Acq On : 24 Mar 2016 12:15
 Operator : UM/SJ
 Sample : PB89112BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK12

Quant Time: Mar 25 02:30:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 02:29:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1237	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5017	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2653	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	422202	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	3703	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	376392	5.00	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.32	96	8560	14.28	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2246	0.39	ng/ul	0.00
16) Fluoranthene-d10	19.25	212	4283	0.01	ng/ul	0.00

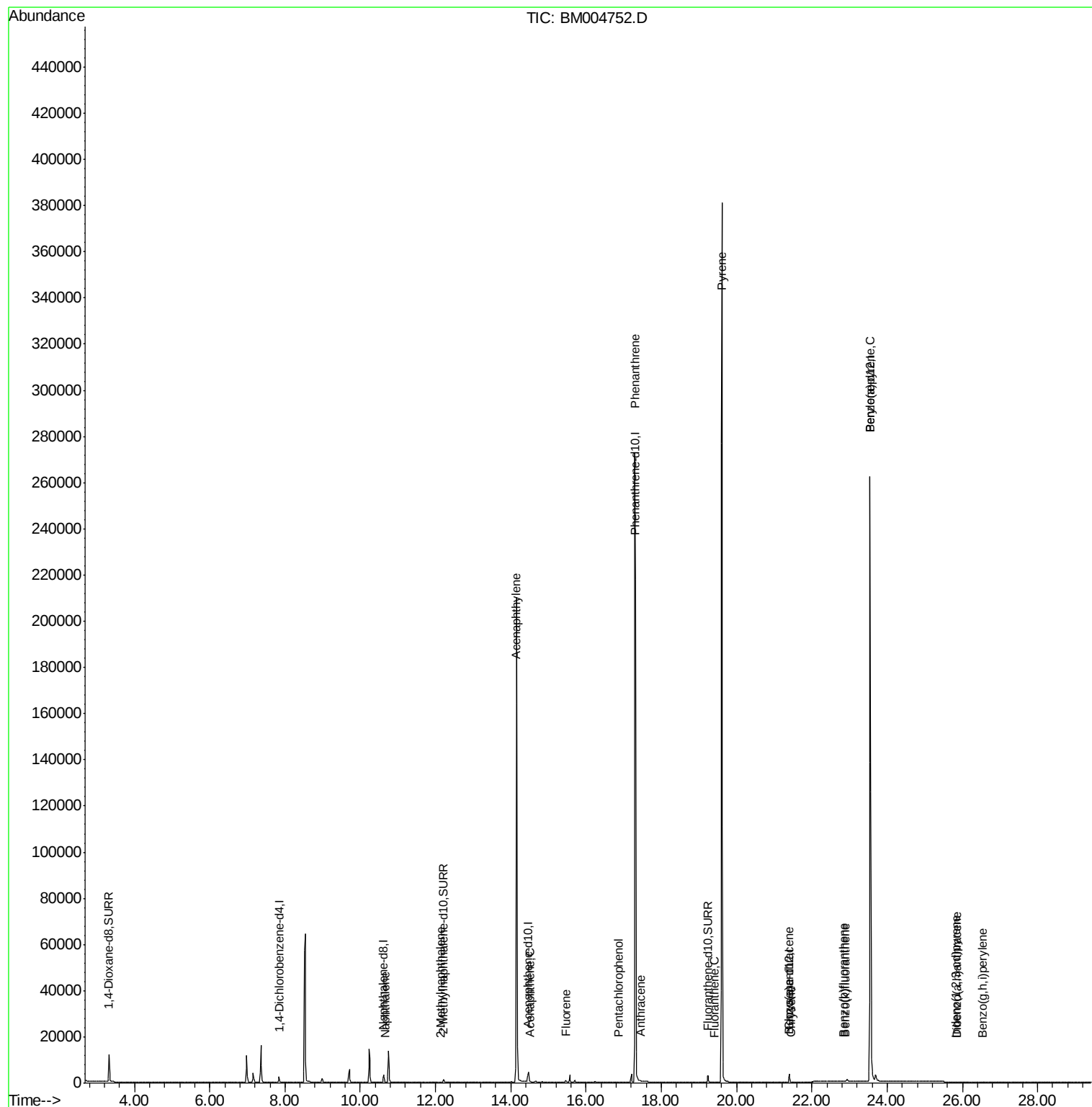
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.67	128	27	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.13	142	1	0.00	ng/ul	87
9) Acenaphthylene	14.14	152	31	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	7	0.00	ng/ul#	68
11) Fluorene	15.46	166	758	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	28	0.00	ng/ul#	59
14) Phenanthrene	17.30	178	242	0.00	ng/ul#	1
15) Anthracene	17.45	178	9	0.00	ng/ul#	1
17) Fluoranthene	19.40	202	4	0.00	ng/ul#	1
19) Pyrene	19.61	202	708	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.39	228	33	0.00	ng/ul#	1
21) Chrysene	21.43	228	21	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.83	252	4	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.88	252	3	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.55	252	1470	0.00	ng/ul#	64
26) Indeno(1,2,3-cd)pyrene	25.82	276	1	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.86	278	3	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.53	276	3	0.00	ng/ul#	1

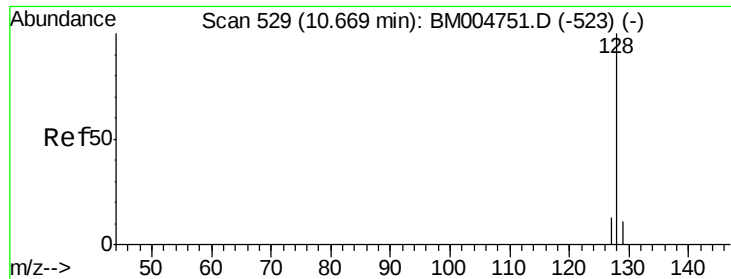
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Instrument :

BNA_M

ClientSampleId :

SBLK12

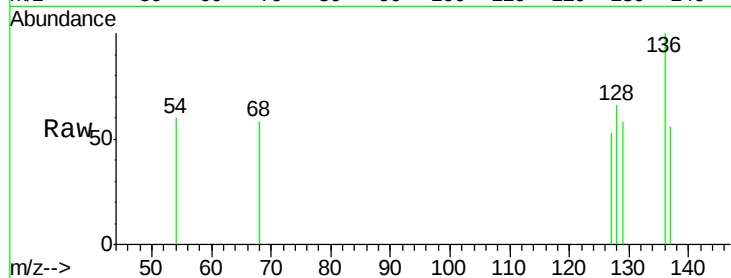
Tgt Ion:128 Resp: 27

Ion Ratio Lower Upper

128 100

129 87.3 9.0 13.6#

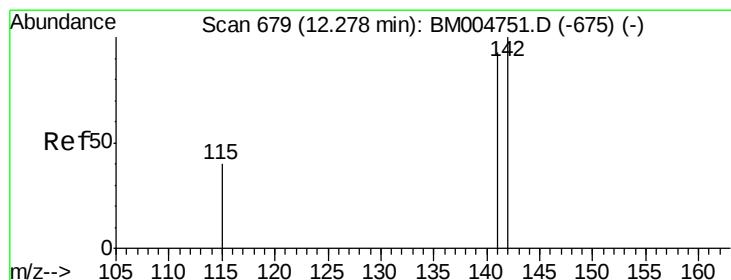
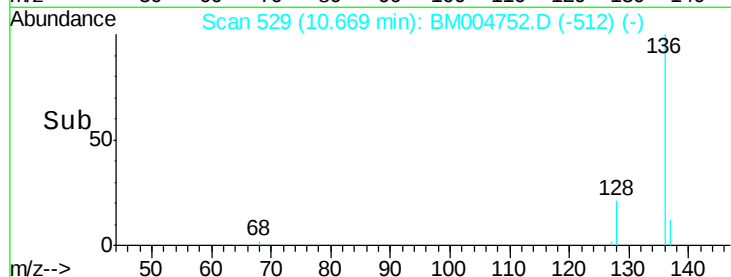
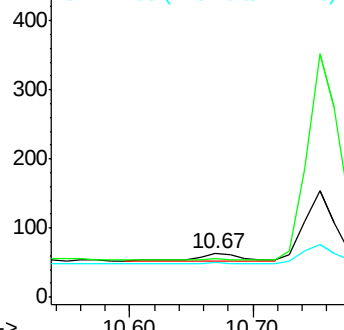
127 79.4 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.15 min

Lab File: BM004752.D

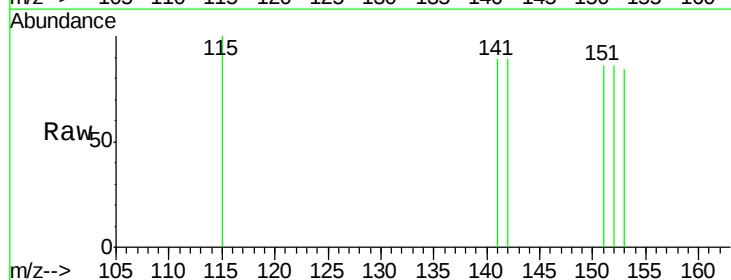
Acq: 24 Mar 2016 12:15

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

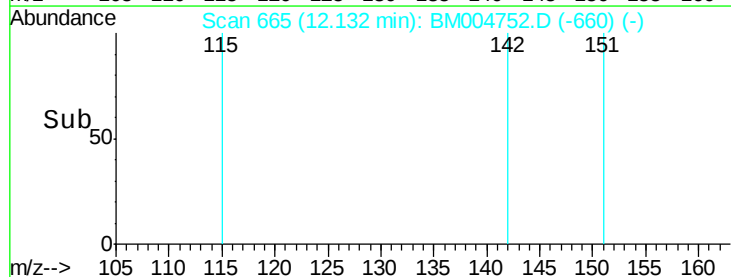
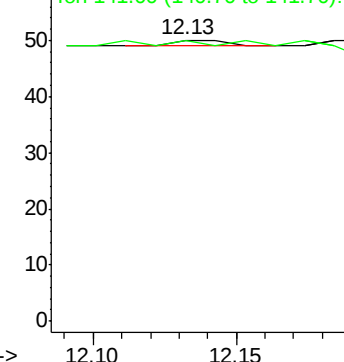
142 100

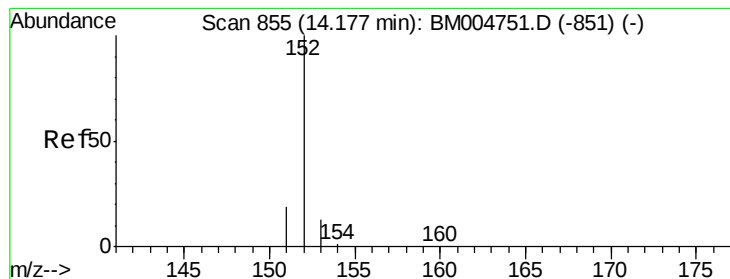
141 100.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Instrument :

BNA_M

ClientSampleId :

SBLK12

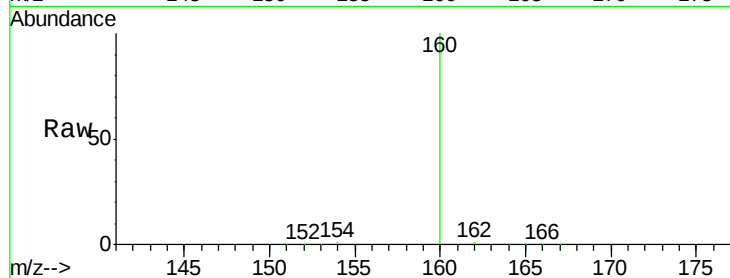
Tgt Ion:152 Resp: 31

Ion Ratio Lower Upper

152 100

151 82.3 17.6 26.4#

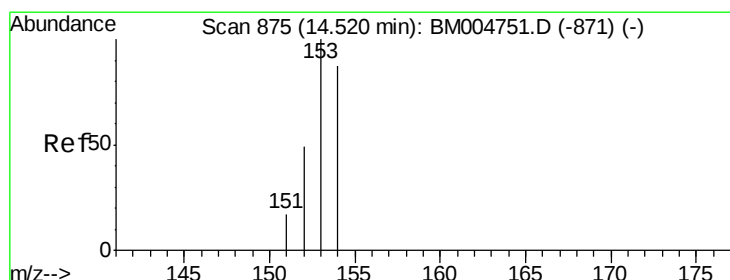
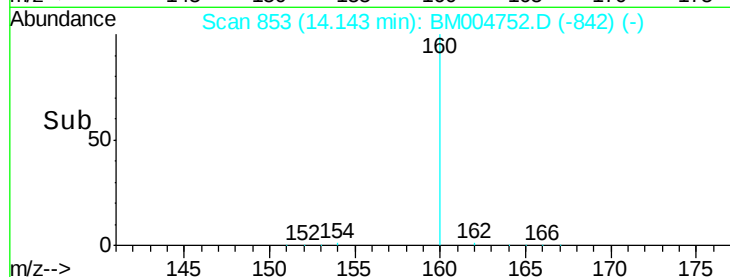
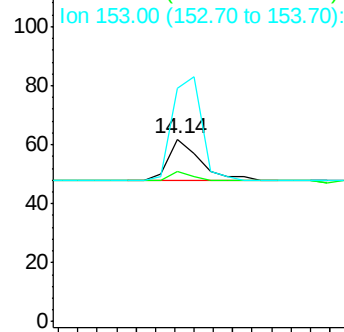
153 127.4 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

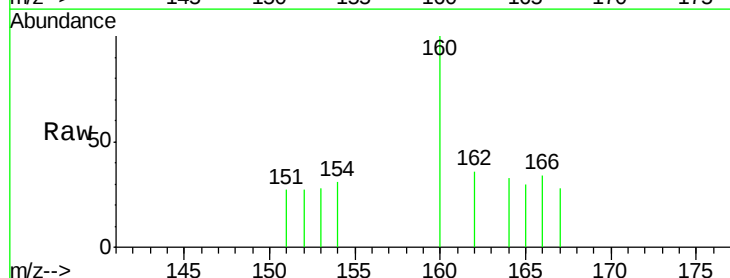
Tgt Ion:153 Resp: 7

Ion Ratio Lower Upper

153 100

152 98.0 33.9 50.9#

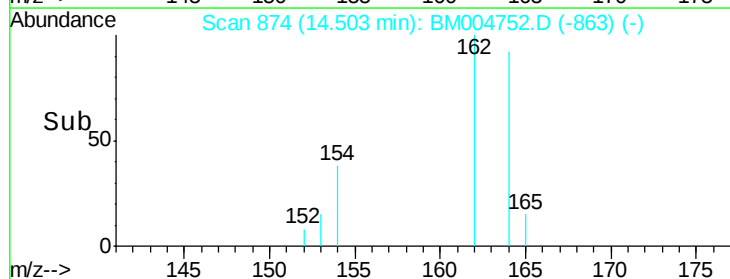
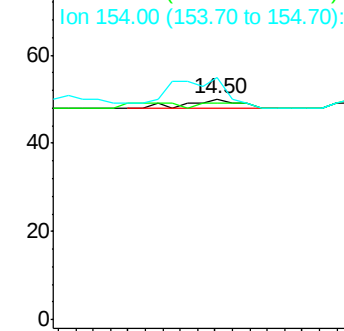
154 110.0 80.6 121.0

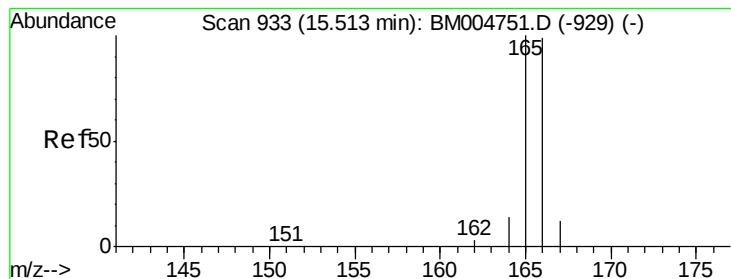


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Instrument :

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ClientSampleId :

SBLK12

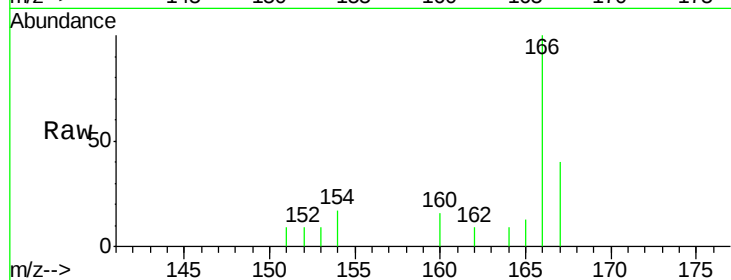
Tgt Ion:166 Resp: 758

Ion Ratio Lower Upper

166 100

165 13.1 69.6 104.4#

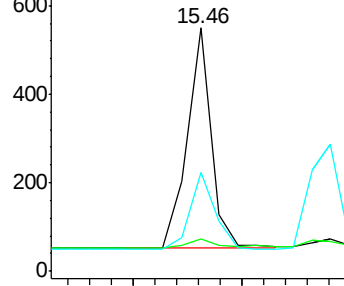
167 40.4 11.9 17.9#



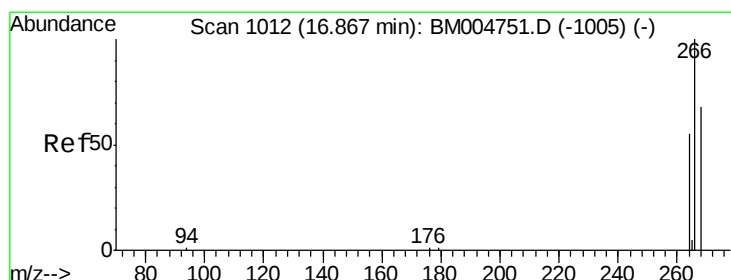
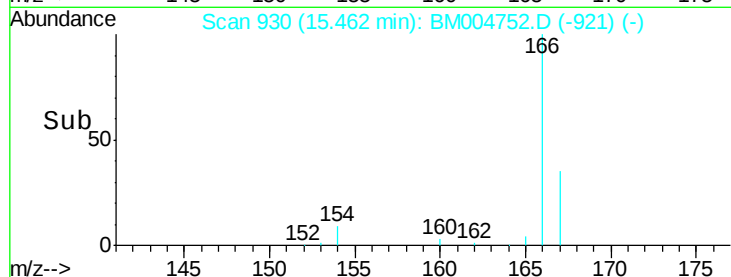
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

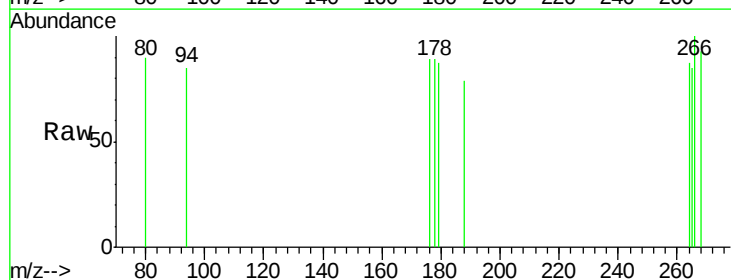
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 50.0 51.8 77.8#

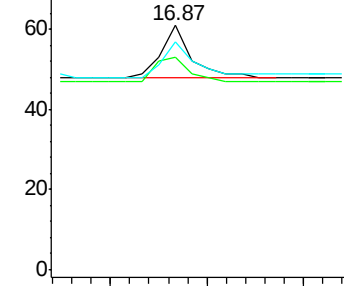
268 107.1 46.8 70.2#



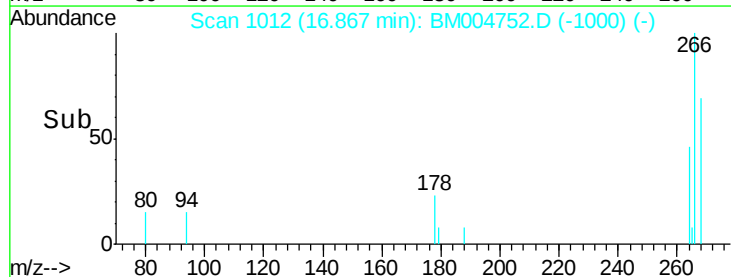
Abundance Ion 266.00 (265.70 to 266.70): E

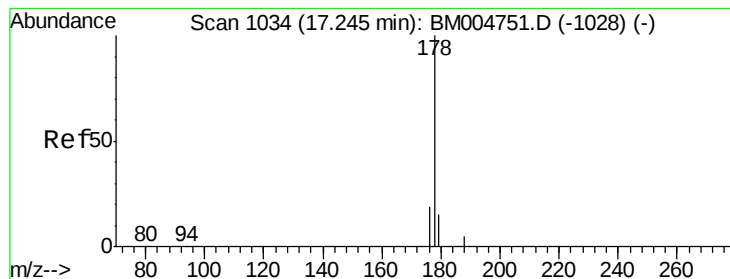
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Instrument :

BNA_M

ClientSampleId :

SBLK12

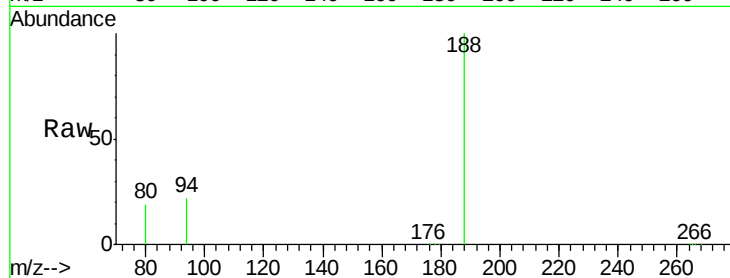
Tgt Ion:178 Resp: 242

Ion Ratio Lower Upper

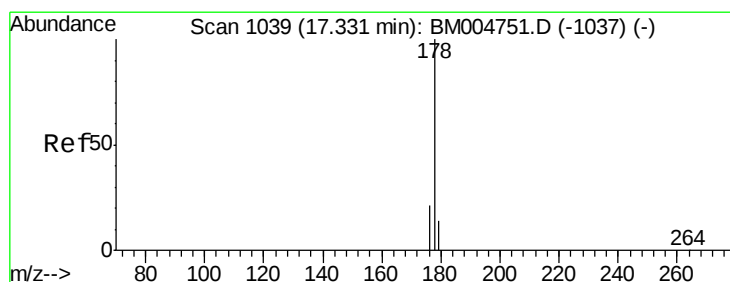
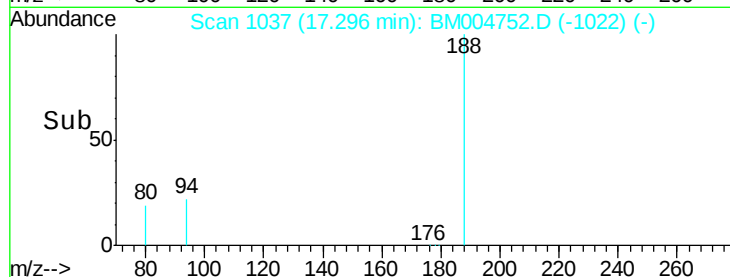
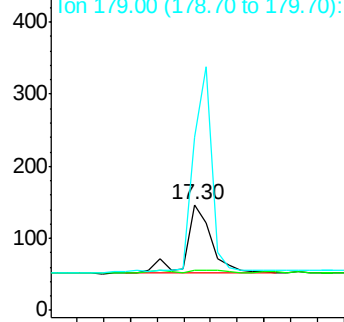
178 100

176 37.4 13.0 19.4#

179 163.9 14.2 21.2#



Abundance Ion 178.00 (177.70 to 178.70): E



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.45 min Scan# 1046

Delta R.T. 0.12 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

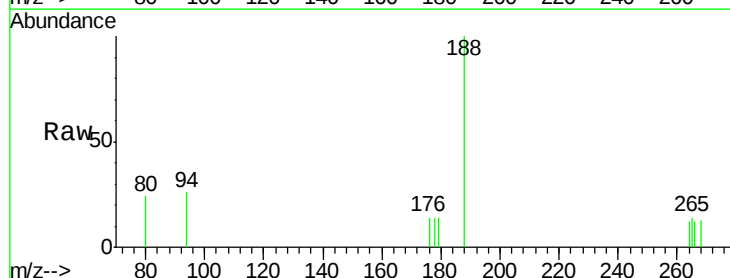
Tgt Ion:178 Resp: 9

Ion Ratio Lower Upper

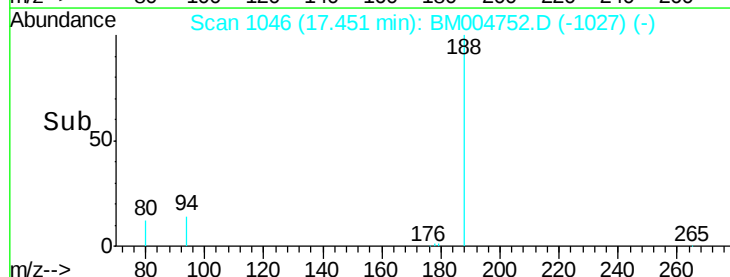
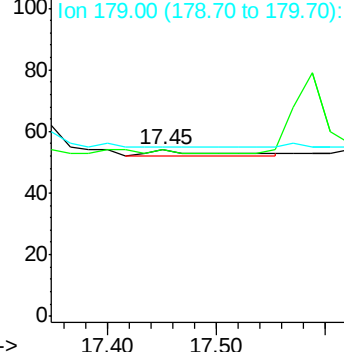
178 100

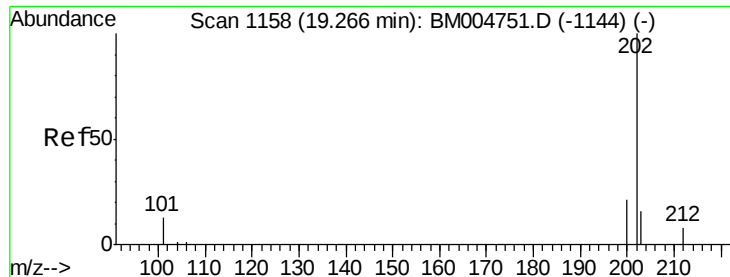
176 100.0 14.0 21.0#

179 101.9 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

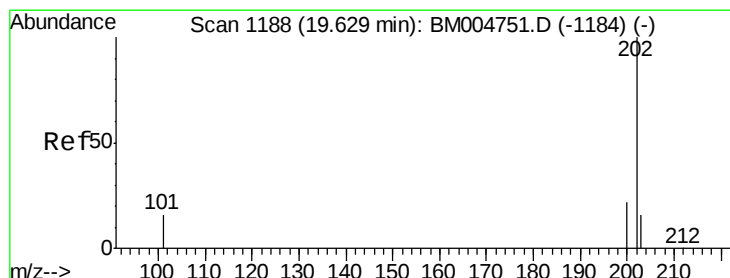
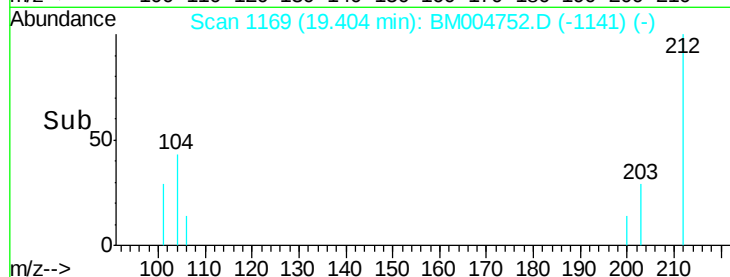
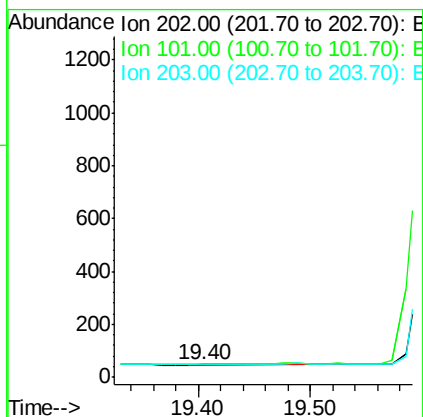
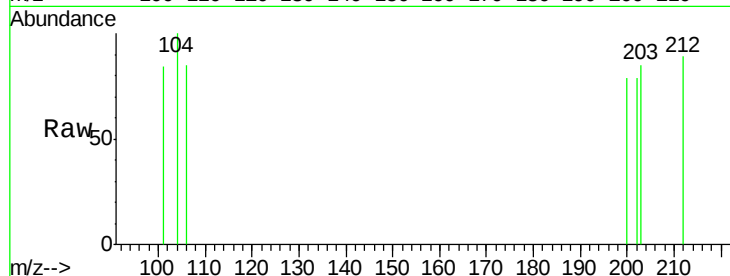




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.40 min Scan# 1169
 Delta R.T. 0.14 min
 Lab File: BM004752.D
 Acq: 24 Mar 2016 12:15

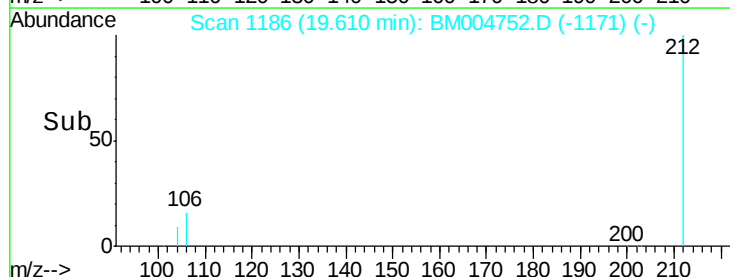
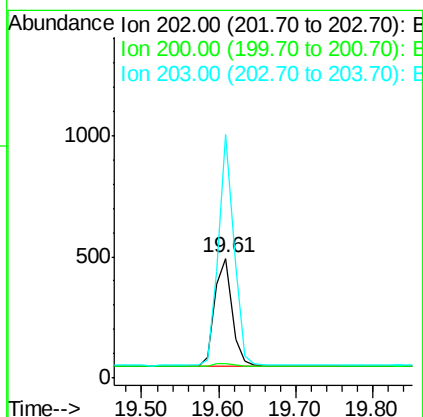
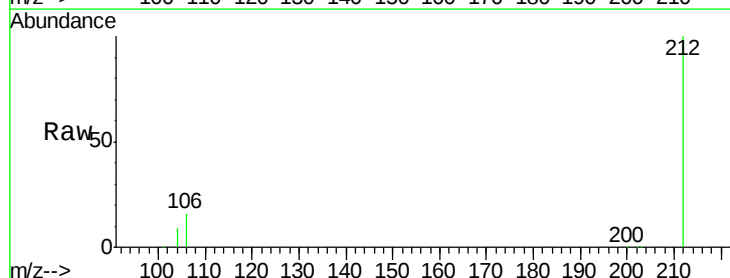
Instrument :
 BNA_M
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 SBLK12

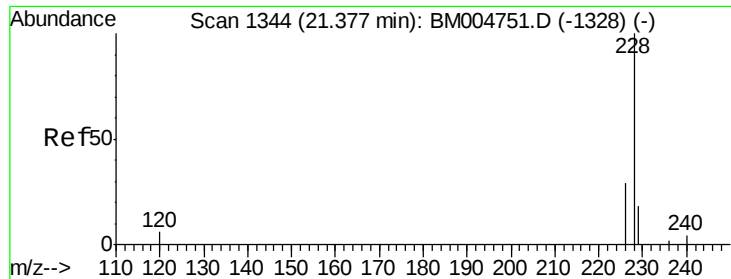
Tgt Ion:202 Resp: 4
 Ion Ratio Lower Upper
 202 100
 101 106.3 0.0 29.6#
 203 108.3 0.0 36.3#



#19
Pyrene
 Concen: 0.05 ng/ul
 RT: 19.61 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BM004752.D
 Acq: 24 Mar 2016 12:15

Tgt Ion:202 Resp: 708
 Ion Ratio Lower Upper
 202 100
 200 12.2 17.8 26.8#
 203 203.4 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Instrument :

BNA_M

ClientSampleId :

SBLK12

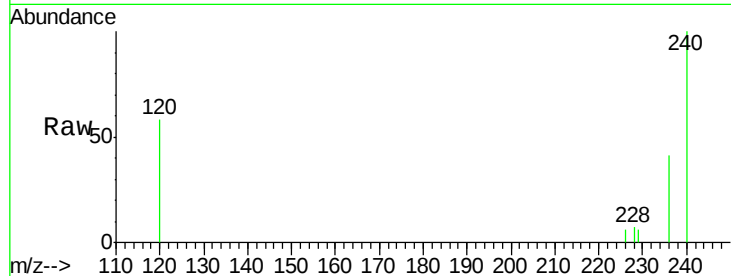
Tgt Ion:228 Resp: 33

Ion Ratio Lower Upper

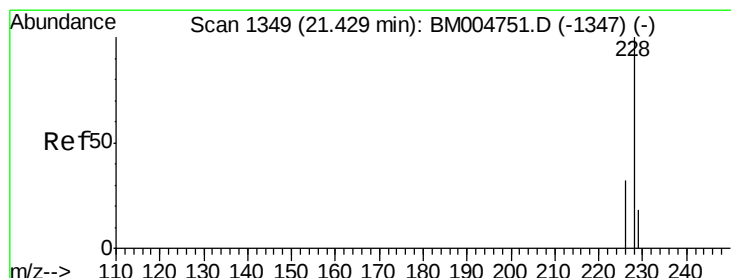
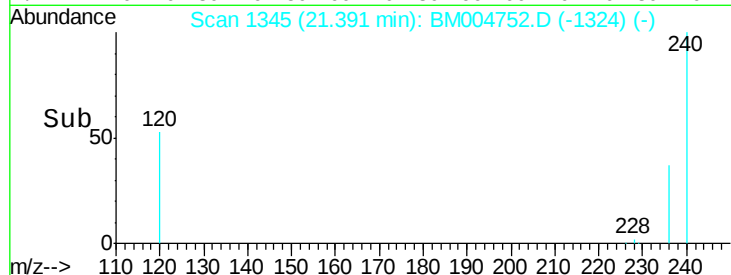
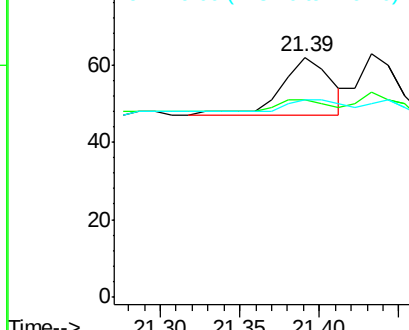
228 100

226 82.3 18.8 28.2#

229 82.3 17.1 25.7#



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

Chrysene

Concen: 0.00 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

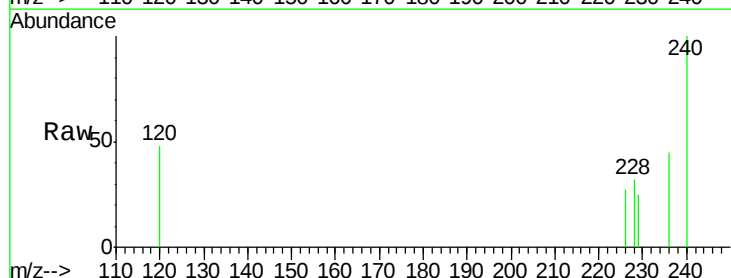
Tgt Ion:228 Resp: 21

Ion Ratio Lower Upper

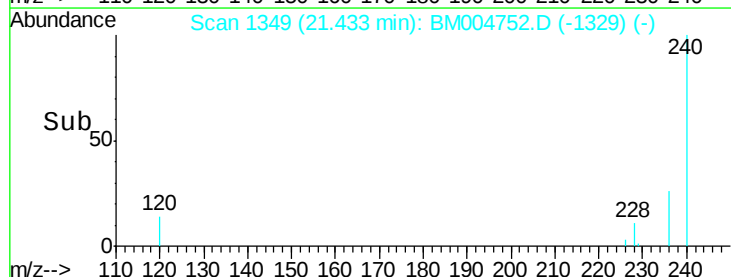
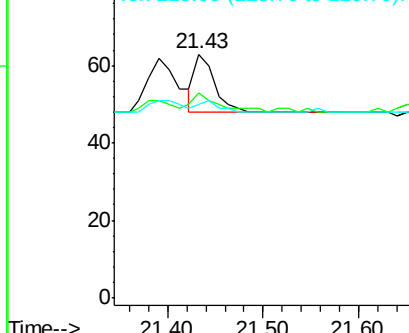
228 100

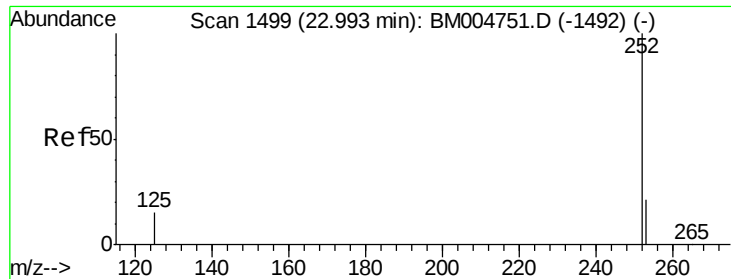
226 84.1 21.2 31.8#

229 79.4 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





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.16 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

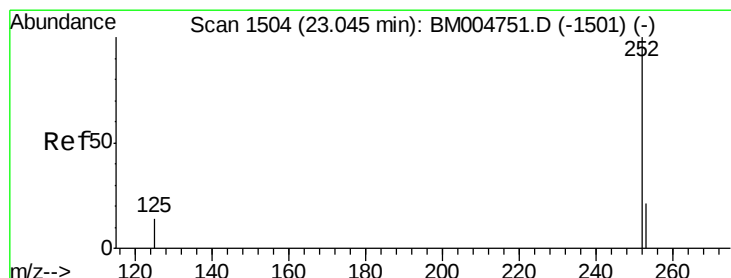
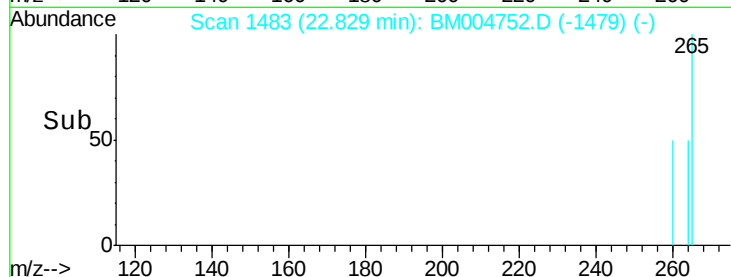
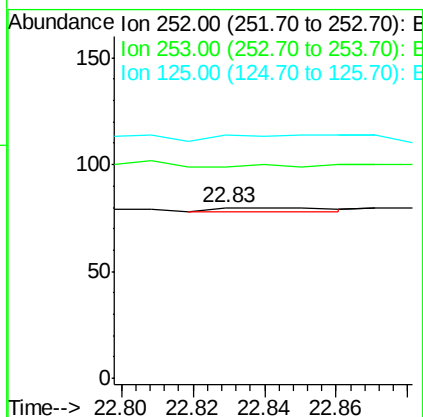
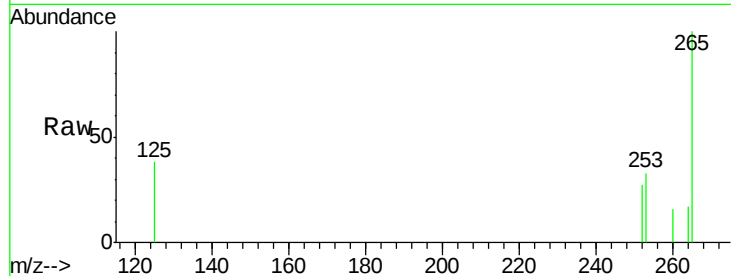
Instrument :

BNA_M

ClientSampleId :

SBLK12

Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	123.8	0.0	45.4#
125	142.5	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

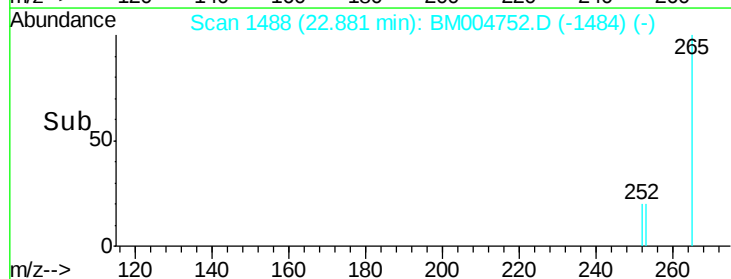
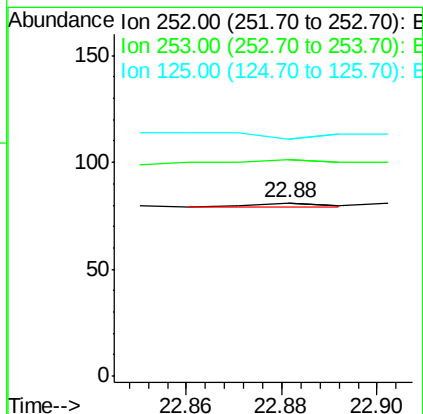
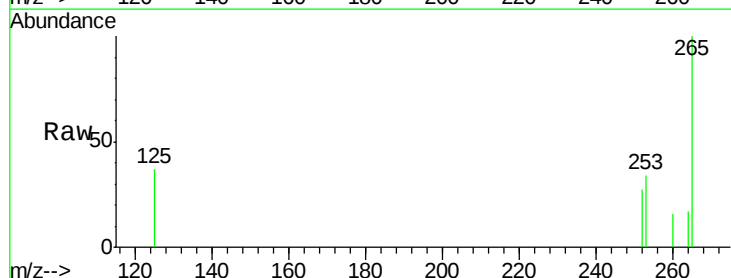
RT: 22.88 min Scan# 1488

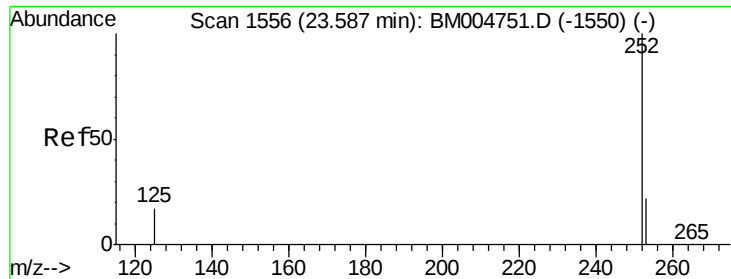
Delta R.T. -0.16 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	124.7	19.8	29.8#
125	137.0	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.55 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

Instrument :

BNA_M

ClientSampled :

SBLK12

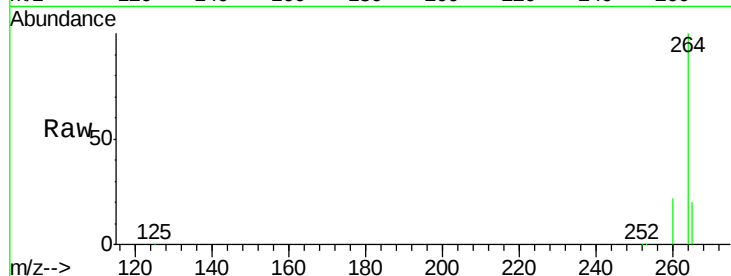
Tgt Ion:252 Resp: 1470

Ion Ratio Lower Upper

252 100

253 37.1 19.4 29.2#

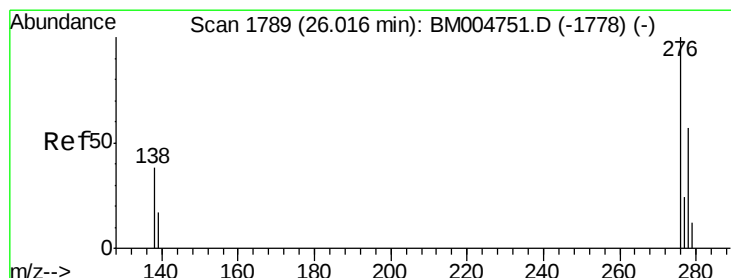
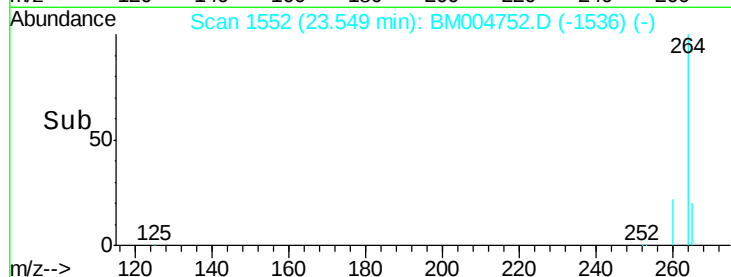
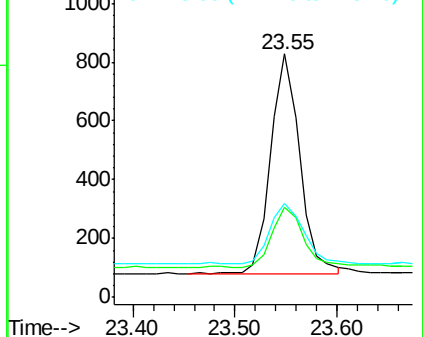
125 38.3 12.7 19.1#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/u1

RT: 25.82 min Scan# 1770

Delta R.T. -0.19 min

Lab File: BM004752.D

Acq: 24 Mar 2016 12:15

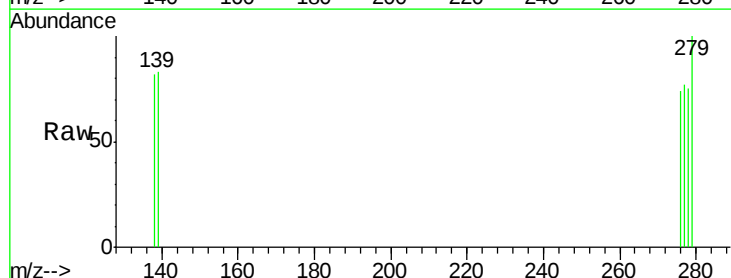
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 100.0 16.3 24.5#

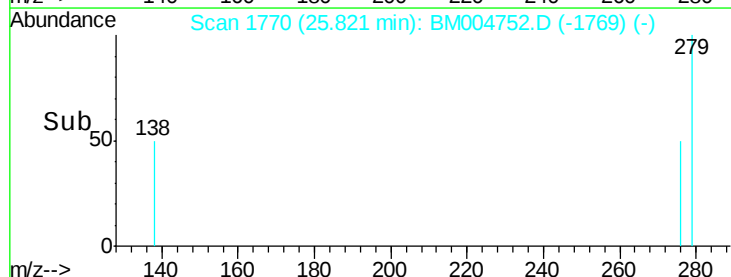
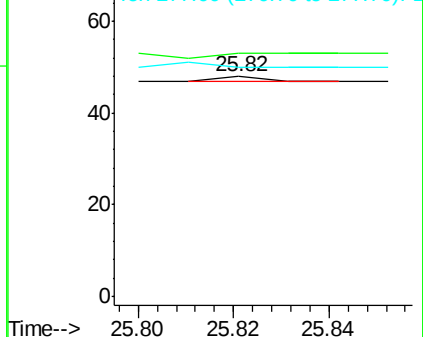
277 0.0 19.8 29.8#

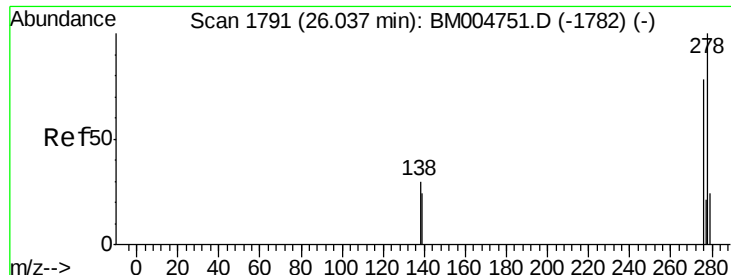


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

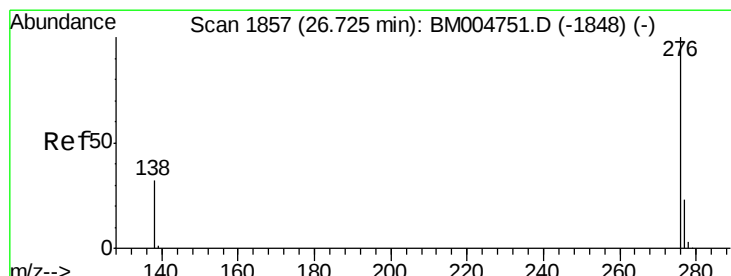
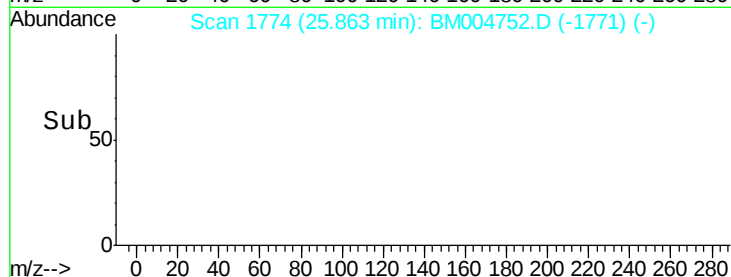
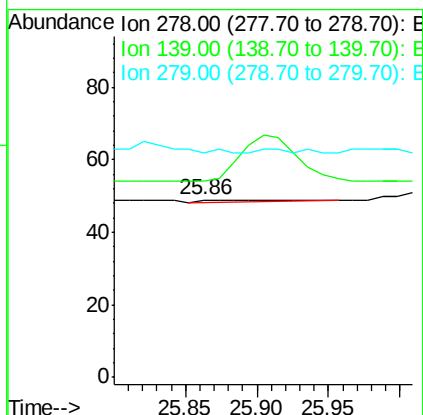
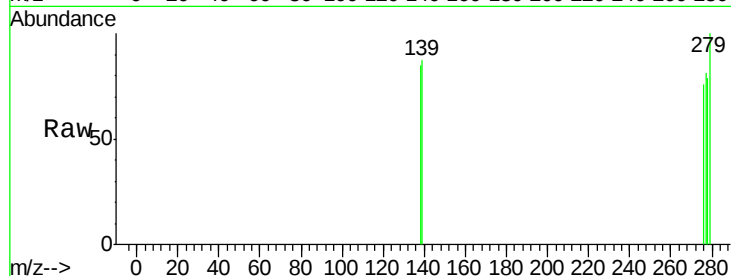




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.86 min Scan# 1774
Delta R.T. -0.17 min
Lab File: BM004752.D
Acq: 24 Mar 2016 12:15

Instrument :
BNA_M
ClientSampled :
SBLK12

Tgt Ion: 278 Resp: 3
Ion Ratio Lower Upper
278 100
139 110.2 16.4 24.6#
279 126.5 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.53 min Scan# 1838
Delta R.T. -0.19 min
Lab File: BM004752.D
Acq: 24 Mar 2016 12:15

Tgt Ion: 276 Resp: 3
Ion Ratio Lower Upper
276 100
277 104.2 18.9 28.3#
138 112.5 22.5 33.7#

