

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121715\
 Data File : BM003604.D
 Acq On : 17 Dec 2015 18:05
 Operator : UM/IZ
 Sample : G4767-10DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N32DL

Quant Time: Dec 18 00:46:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:41:46 2015
 Response via : Initial Calibration

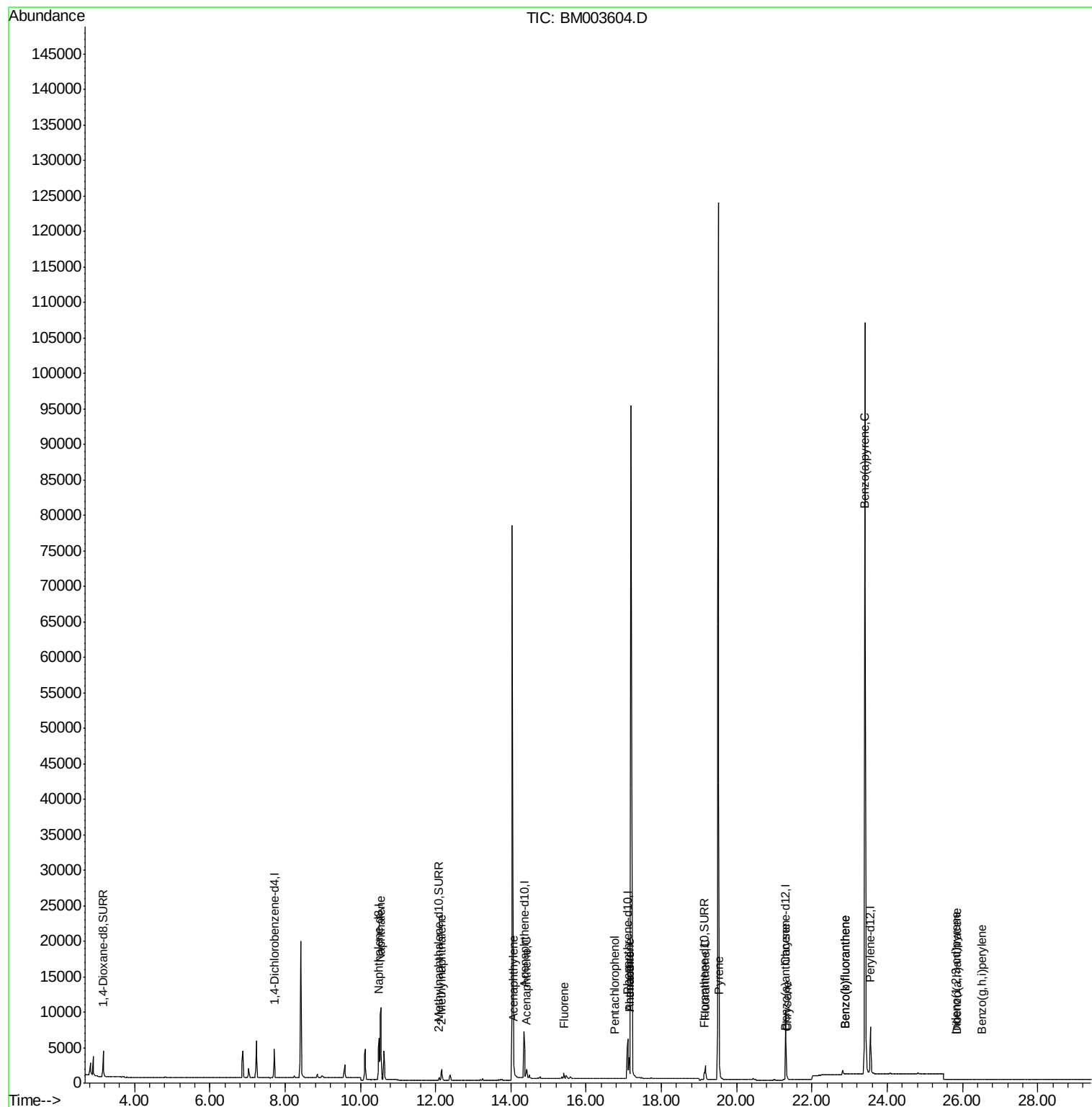
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2278	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	8478	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	4325	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	9121	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	9208	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	9204	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2581	2.65	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	736	0.07	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	1500	0.08	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.55	128	15681	0.82	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	1207	0.09	ng/ul	100
9) Acenaphthylene	14.07	152	587	0.04	ng/ul#	67
10) Acenaphthene	14.42	153	768	0.06	ng/ul#	89
11) Fluorene	15.41	166	882	0.06	ng/ul#	85
13) Pentachlorophenol	16.76	266	13	0.01	ng/ul#	70
14) Phenanthrene	17.14	178	3790	0.16	ng/ul#	95
15) Anthracene	17.14	178	3790	0.19	ng/ul	95
17) Fluoranthene	19.17	202	2285	0.09	ng/ul	90
19) Pyrene	19.53	202	2843	0.11	ng/ul#	94
20) Benzo(a)anthracene	21.28	228	396	0.02	ng/ul#	52
21) Chrysene	21.34	228	382	0.01	ng/ul#	60
23) Benzo(b)fluoranthene	22.88	252	328	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	22.88	252	328	0.01	ng/ul#	1
25) Benzo(a)pyrene	23.40	252	672	0.03	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.82	276	79	0.00	ng/ul#	70
27) Dibenzo(a,h)anthracene	25.84	278	55	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.52	276	78	0.00	ng/ul#	1

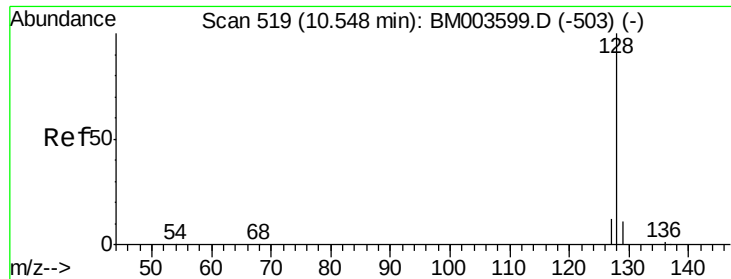
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.82 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

Instrument :

BNA_M

ClientSampleId :

D9N32DL

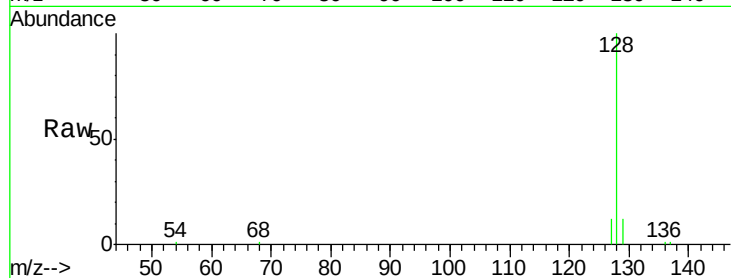
Tgt Ion:128 Resp: 15681

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

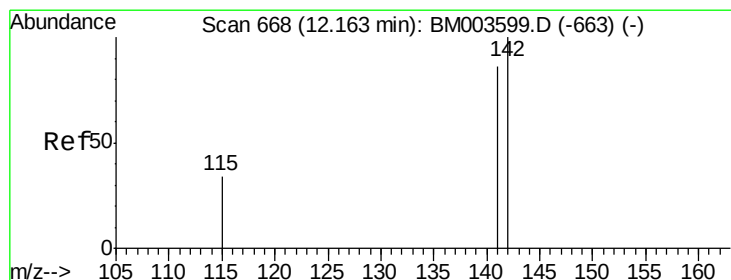
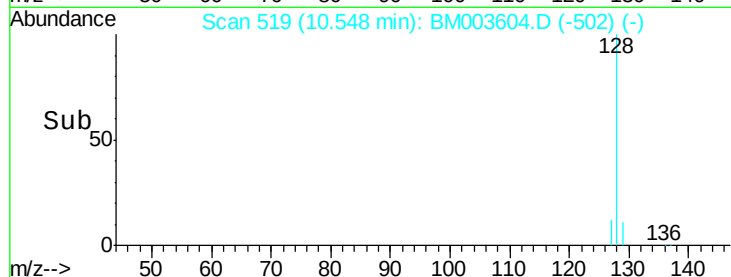
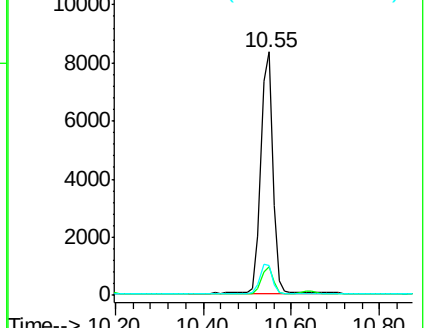
127 12.5 9.6 14.4



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: 0.09 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM003604.D

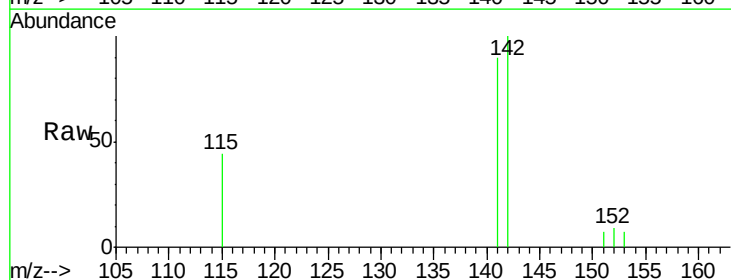
Acq: 17 Dec 2015 18:05

Tgt Ion:142 Resp: 1207

Ion Ratio Lower Upper

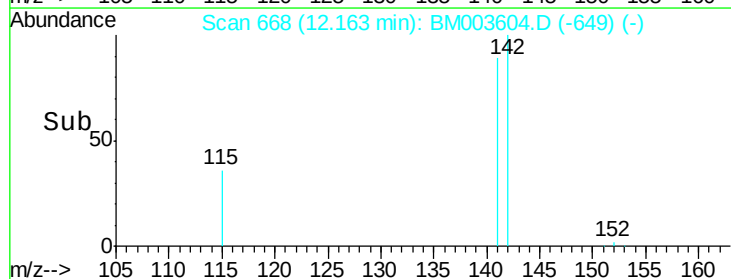
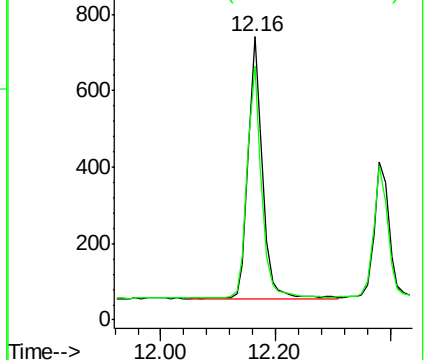
142 100

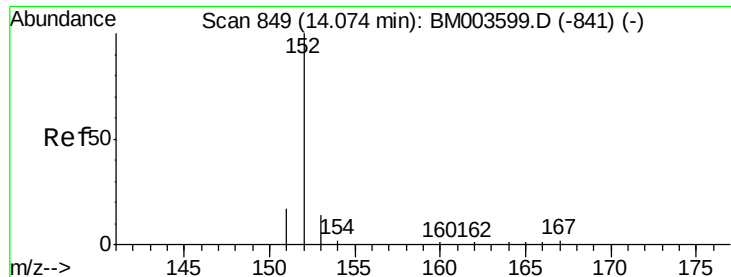
141 87.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

Instrument :

BNA_M

ClientSampleId :

D9N32DL

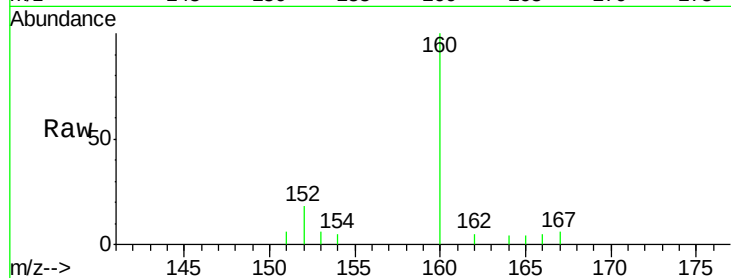
Tgt Ion:152 Resp: 587

Ion Ratio Lower Upper

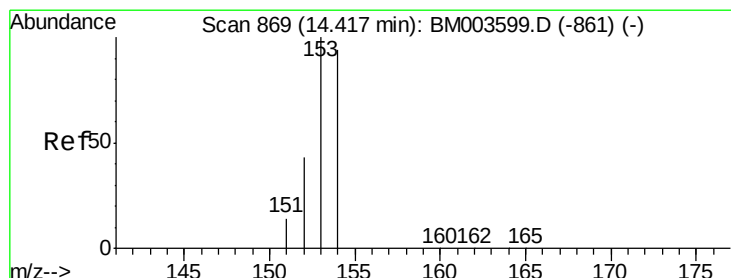
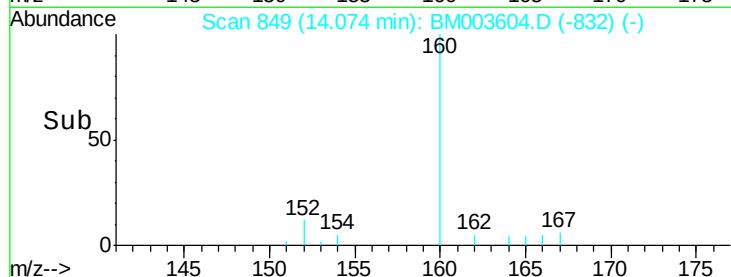
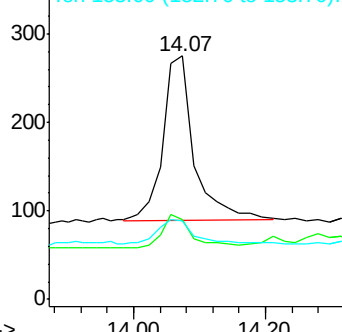
152 100

151 32.7 17.6 26.4#

153 32.4 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: 0.06 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

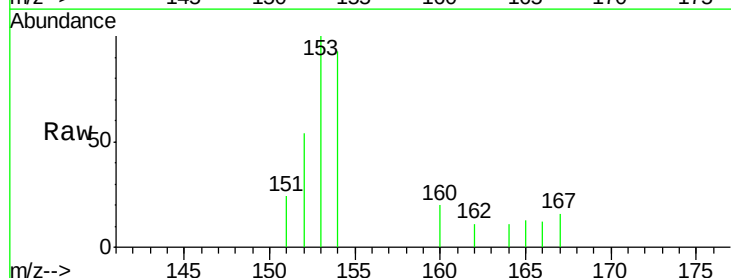
Tgt Ion:153 Resp: 768

Ion Ratio Lower Upper

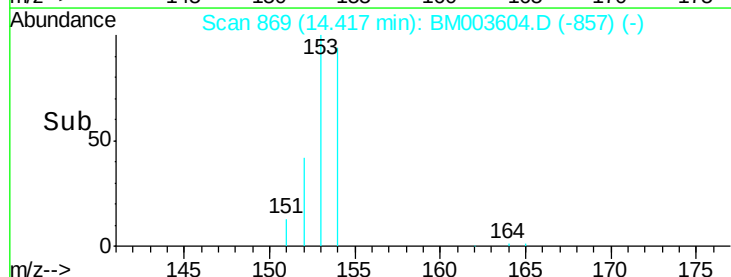
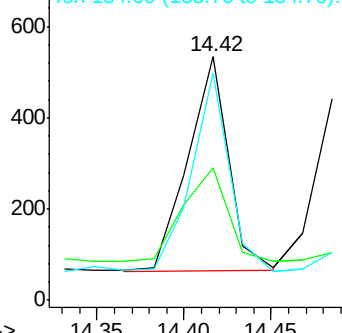
153 100

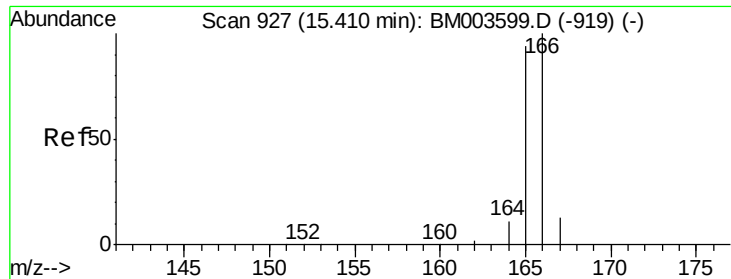
152 54.3 33.9 50.9#

154 93.3 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

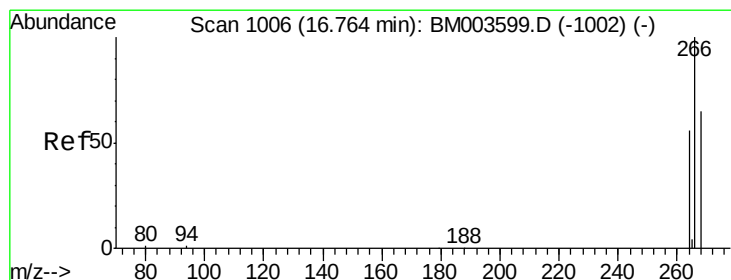
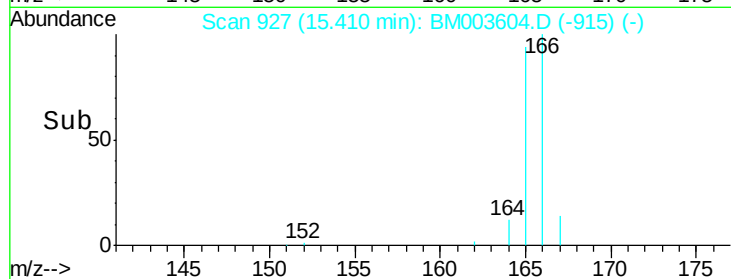
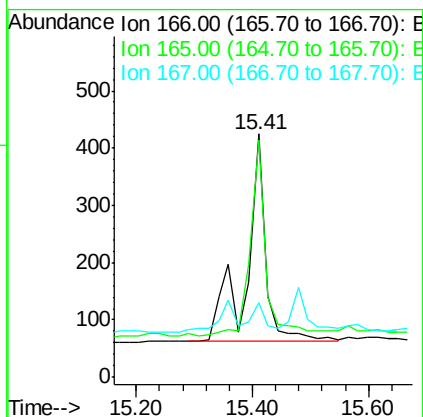
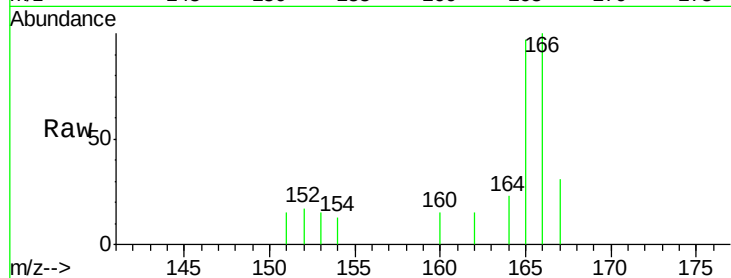




#11
 Fluorene
 Concen: 0.06 ng/ul
 RT: 15.41 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BM003604.D
 Acq: 17 Dec 2015 18:05

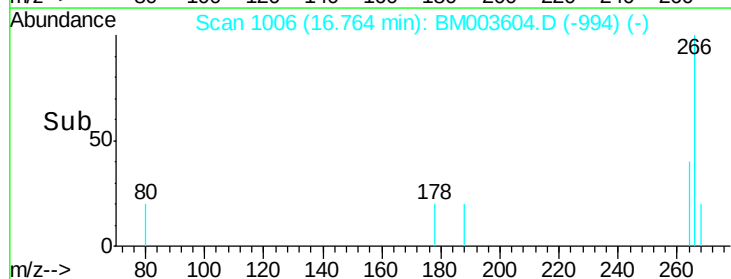
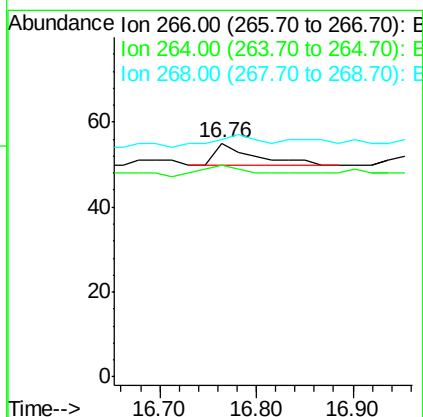
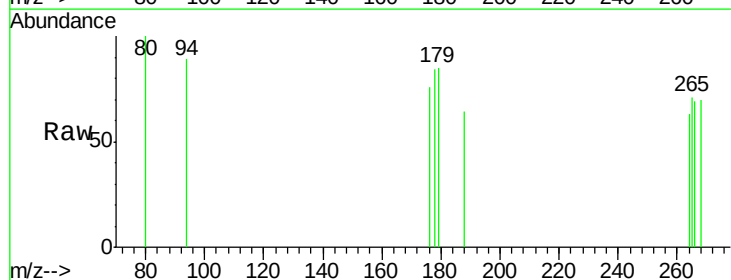
Instrument :
 BNA_M
 ClientSampleId :
 D9N32DL

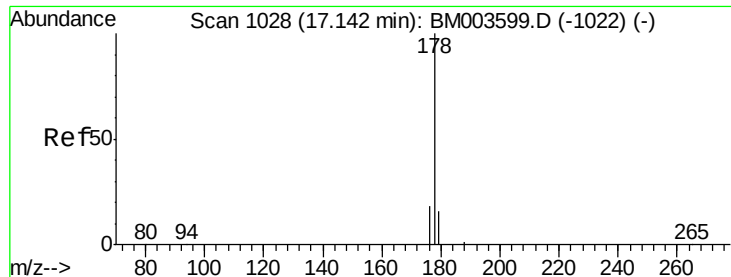
Tgt Ion:166 Resp: 882
 Ion Ratio Lower Upper
 166 100
 165 97.4 69.6 104.4
 167 30.8 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.76 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BM003604.D
 Acq: 17 Dec 2015 18:05

Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 92.3 51.8 77.8#
 268 76.9 46.8 70.2#

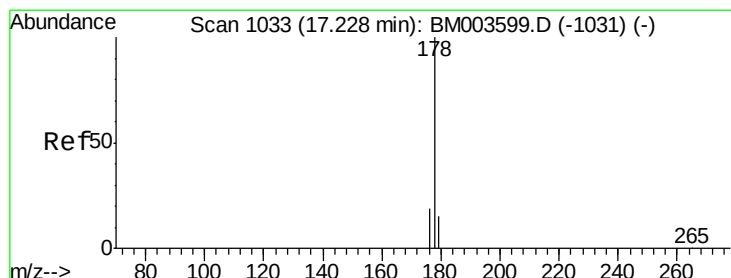
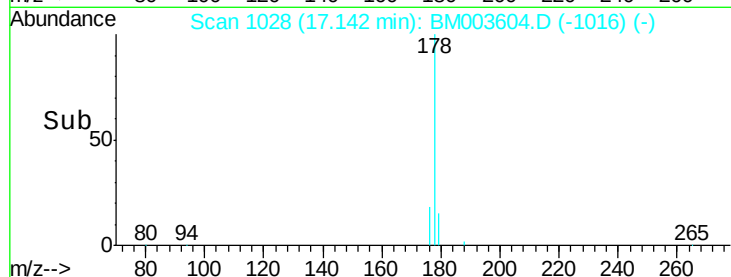
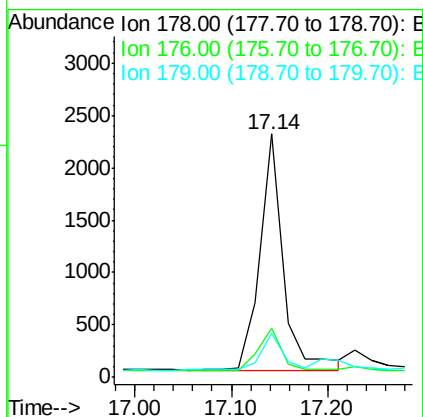
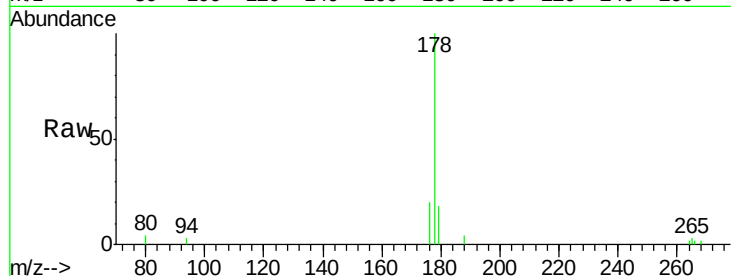




#14
Phenanthrene
Concen: 0.16 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM003604.D
Acq: 17 Dec 2015 18:05

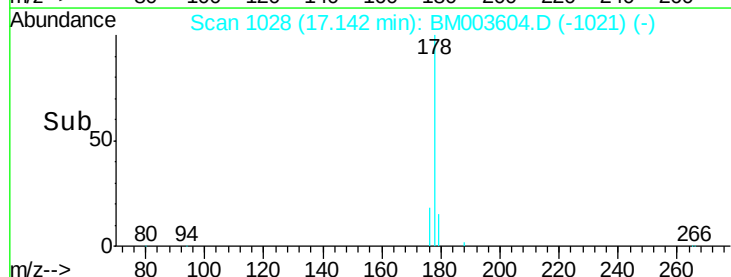
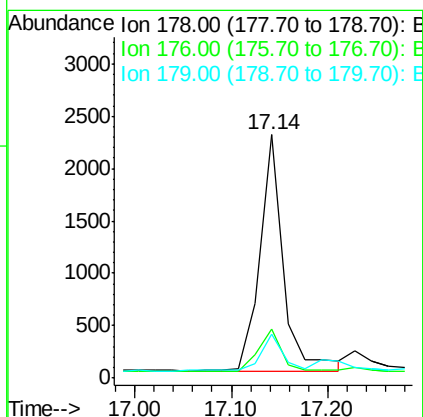
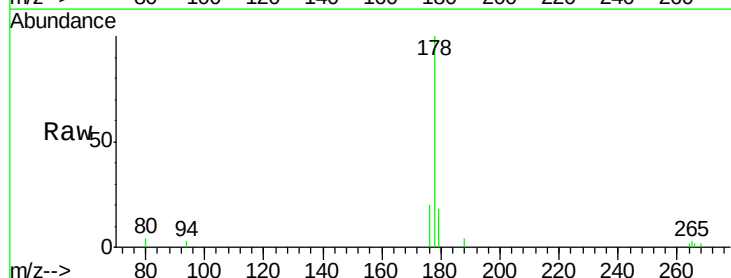
Instrument :
BNA_M
ClientSampleId :
D9N32DL

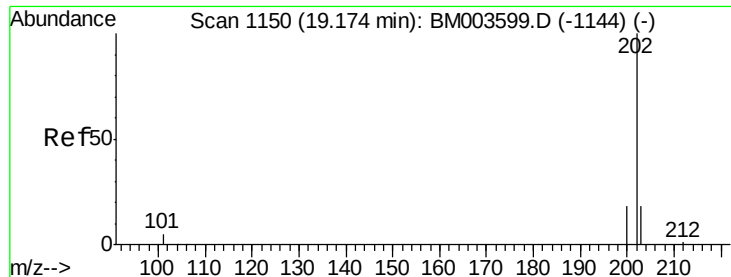
Tgt Ion:178 Resp: 3790
Ion Ratio Lower Upper
178 100
176 20.2 13.0 19.4#
179 17.9 14.2 21.2



#15
Anthracene
Concen: 0.19 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.09 min
Lab File: BM003604.D
Acq: 17 Dec 2015 18:05

Tgt Ion:178 Resp: 3790
Ion Ratio Lower Upper
178 100
176 20.2 14.0 21.0
179 17.9 12.9 19.3

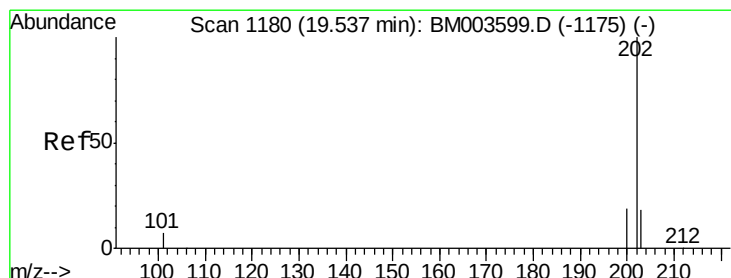
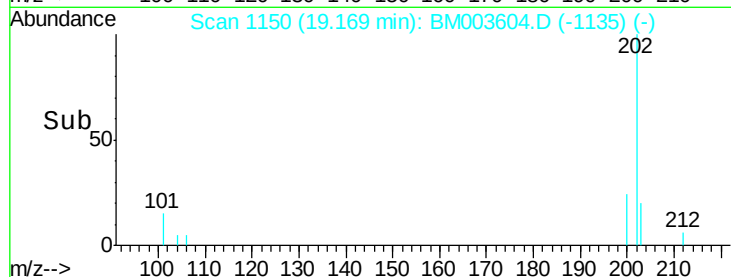
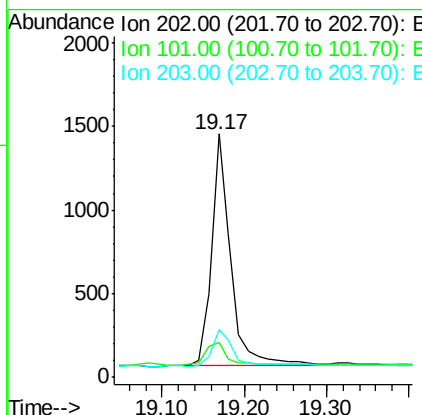
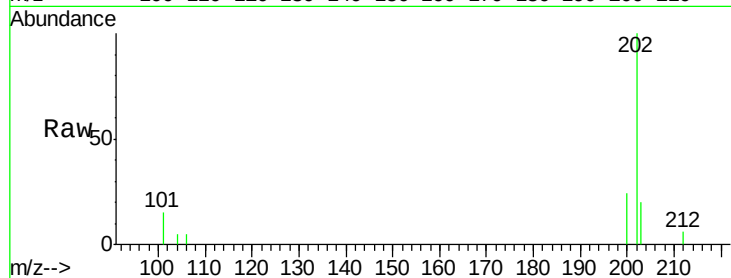




#17
Fluoranthene
 Concen: 0.09 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM003604.D
 Acq: 17 Dec 2015 18:05

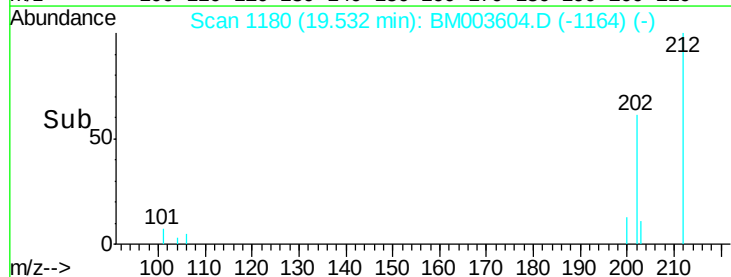
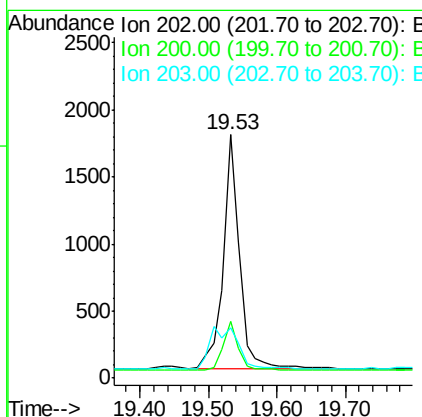
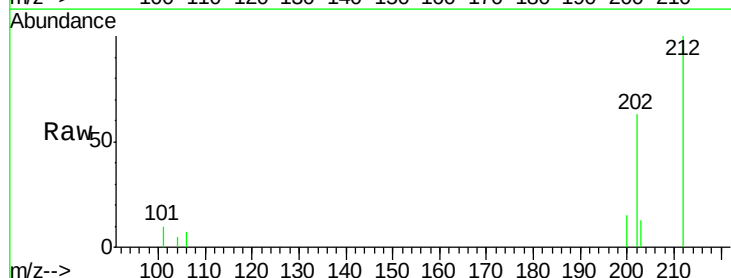
Instrument :
 BNA_M
 ClientSampleId :
 D9N32DL

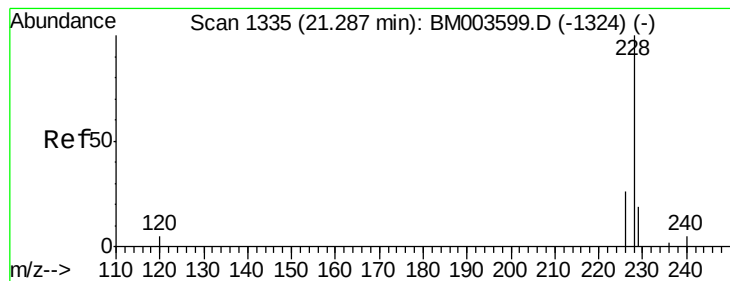
Tgt Ion: 202 Resp: 2285
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 29.6
 203 19.9 0.0 36.3



#19
Pyrene
 Concen: 0.11 ng/ul
 RT: 19.53 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BM003604.D
 Acq: 17 Dec 2015 18:05

Tgt Ion: 202 Resp: 2843
 Ion Ratio Lower Upper
 202 100
 200 23.5 17.8 26.8
 203 20.7 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

Instrument :

BNA_M

ClientSampleId :

D9N32DL

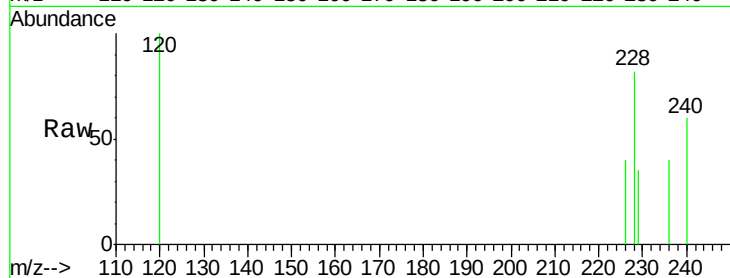
Tgt Ion:228 Resp: 396

Ion Ratio Lower Upper

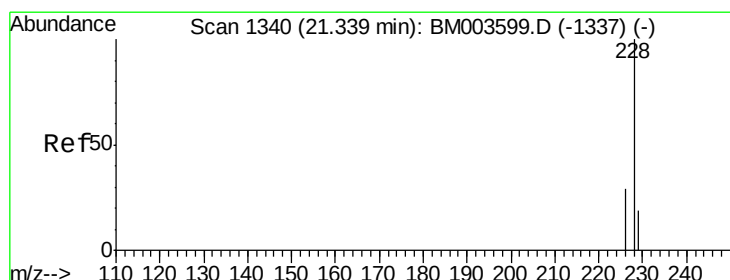
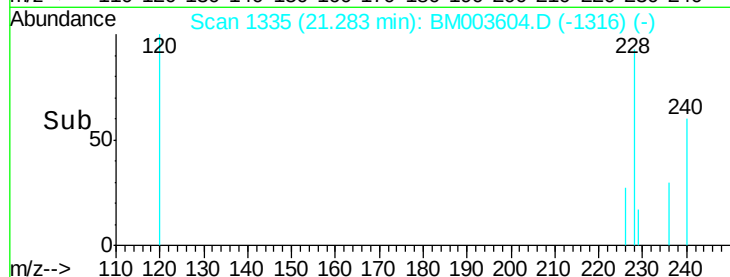
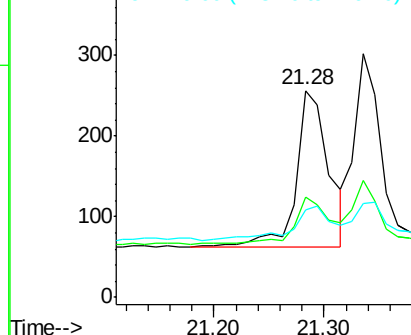
228 100

226 48.6 18.8 28.2#

229 42.4 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: 0.01 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

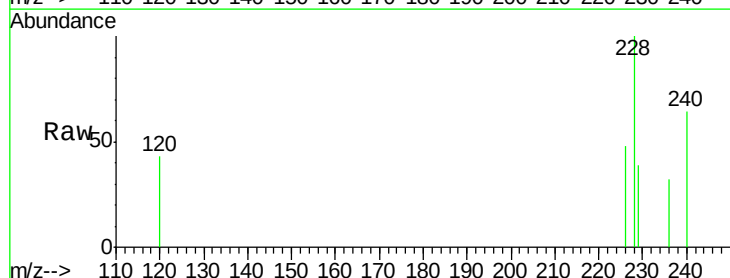
Tgt Ion:228 Resp: 382

Ion Ratio Lower Upper

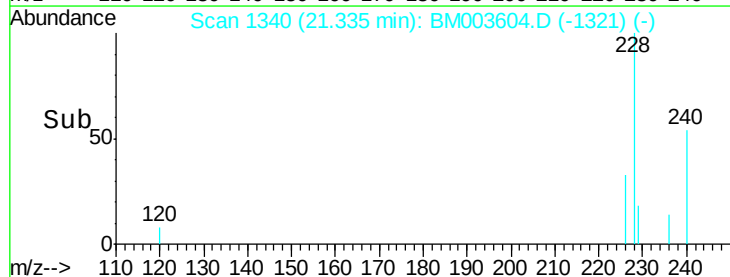
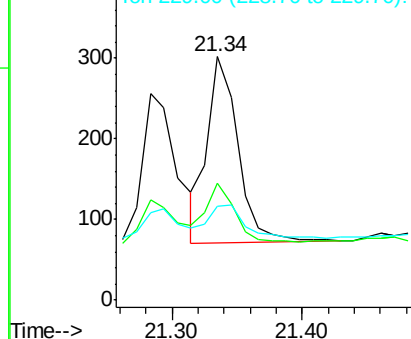
228 100

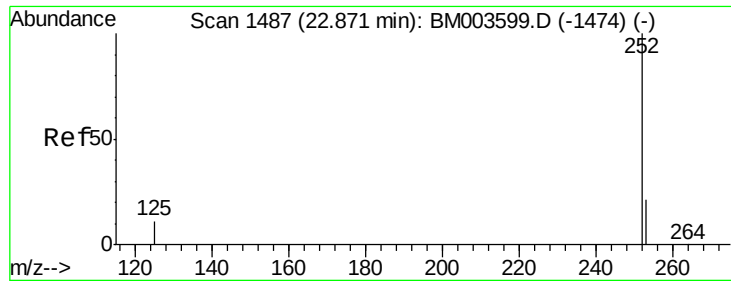
226 48.0 21.2 31.8#

229 38.7 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: 0.01 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

Instrument :

BNA_M

ClientSampleId :

D9N32DL

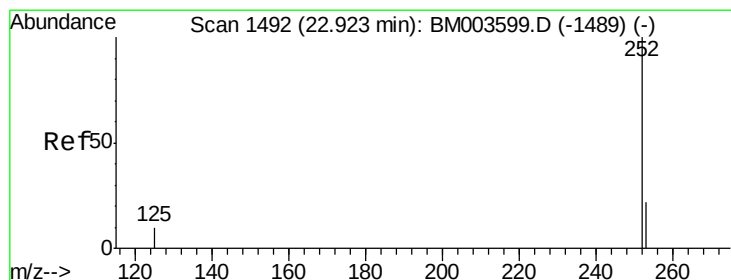
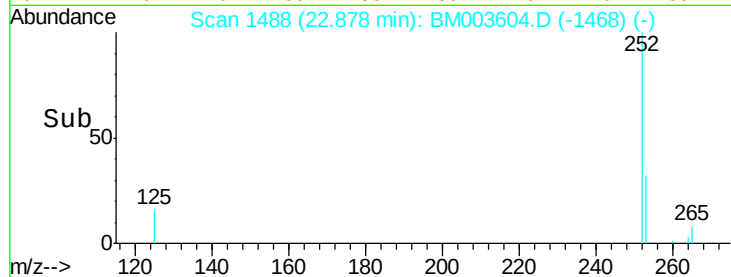
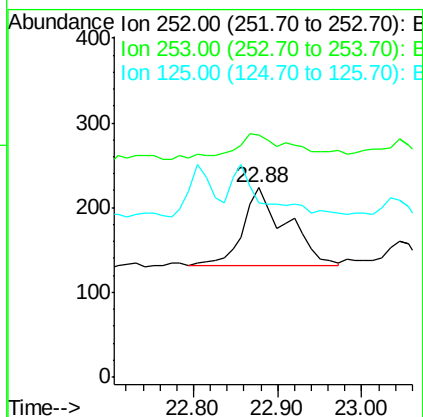
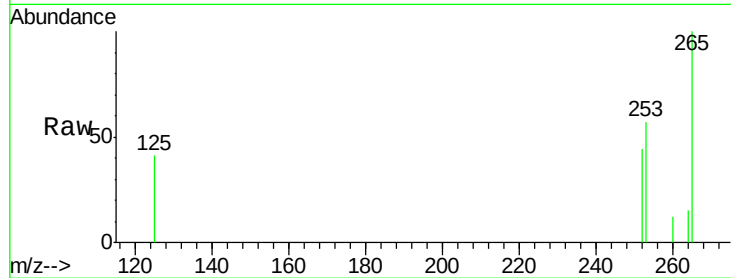
Tgt Ion: 252 Resp: 328

Ion Ratio Lower Upper

252 100

253 128.3 0.0 45.4#

125 92.4 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.88 min Scan# 1488

Delta R.T. -0.05 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

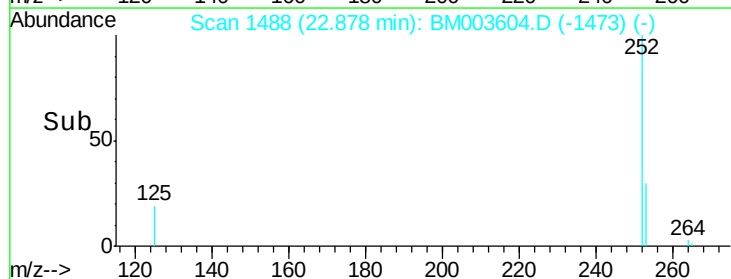
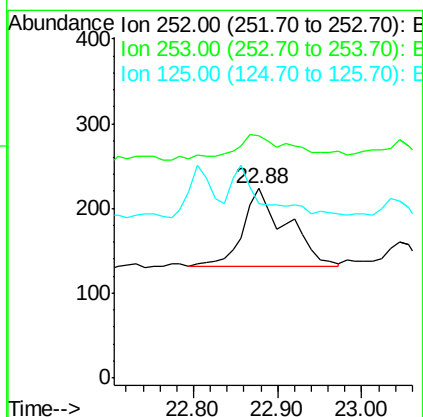
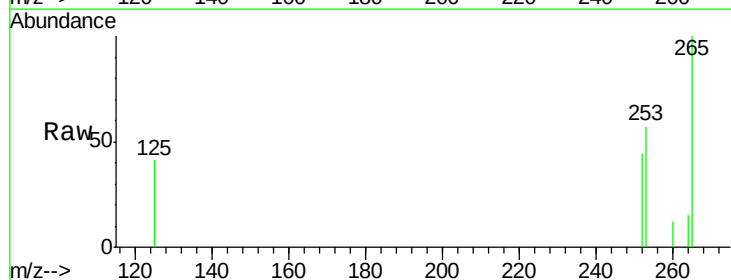
Tgt Ion: 252 Resp: 328

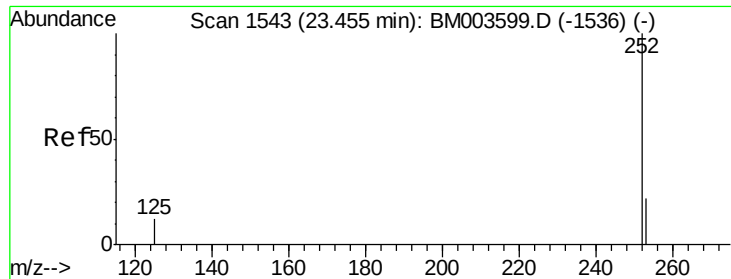
Ion Ratio Lower Upper

252 100

253 128.3 19.8 29.8#

125 92.4 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.06 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

Instrument :

BNA_M

ClientSampleId :

D9N32DL

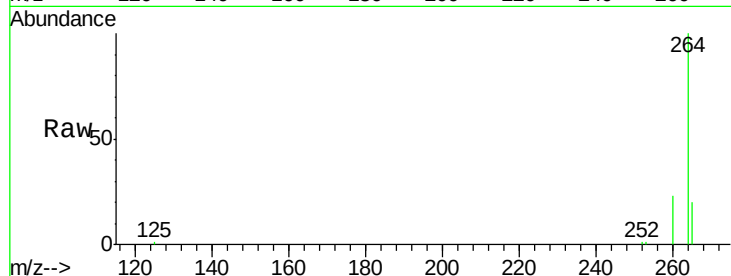
Tgt Ion: 252 Resp: 672

Ion Ratio Lower Upper

252 100

253 88.0 19.4 29.2#

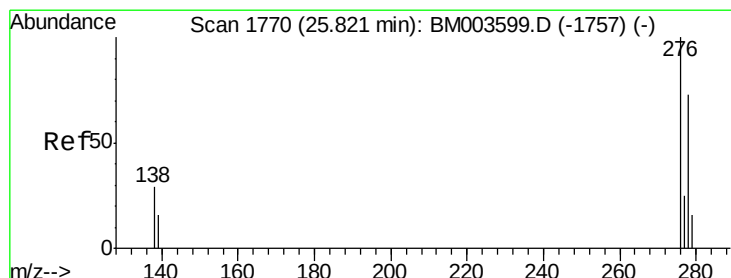
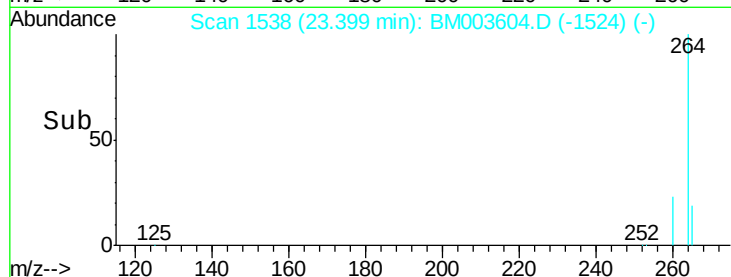
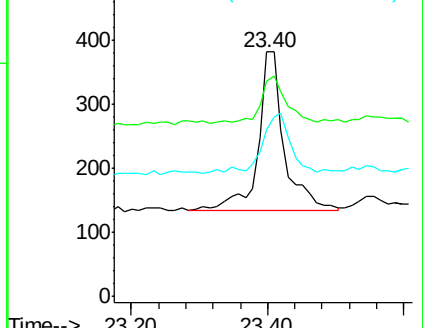
125 68.1 12.7 19.1#



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/ul

RT: 25.82 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BM003604.D

Acq: 17 Dec 2015 18:05

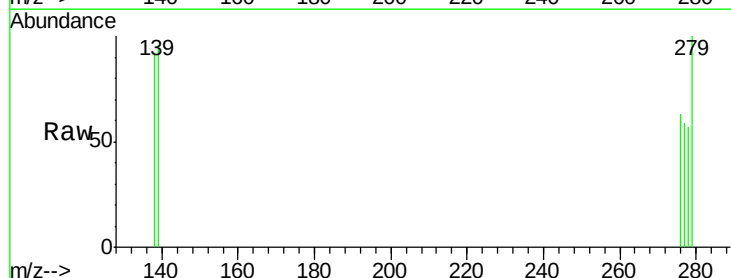
Tgt Ion: 276 Resp: 79

Ion Ratio Lower Upper

276 100

138 49.4 16.3 24.5#

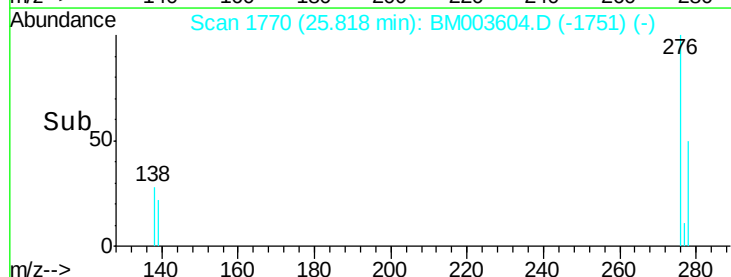
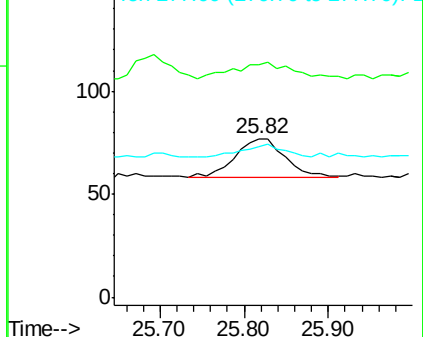
277 26.6 19.8 29.8

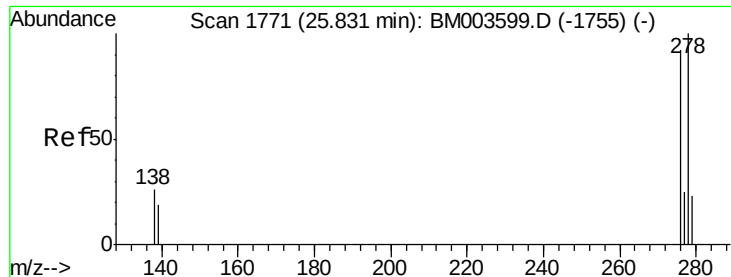


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



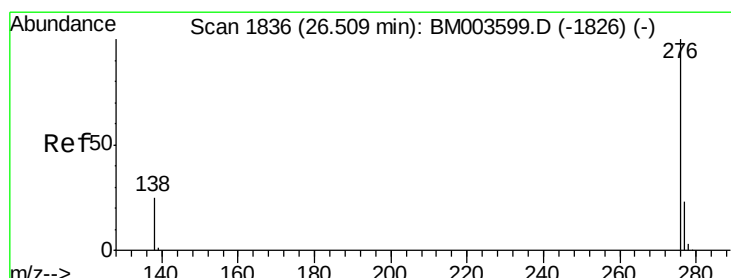
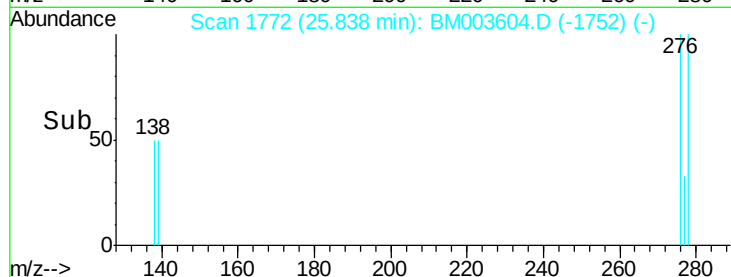
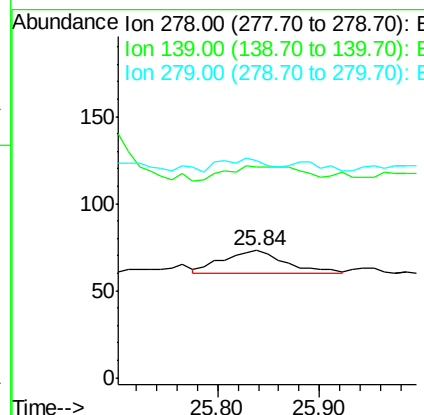
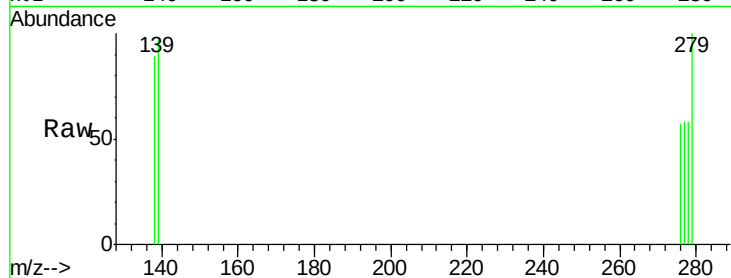


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BM003604.D
Acq: 17 Dec 2015 18:05

Instrument :
BNA_M
ClientSampleId :
D9N32DL

Tgt Ion: 278 Resp: 55

Ion	Ratio	Lower	Upper
278	100		
139	165.8	16.4	24.6#
279	171.2	20.2	30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.52 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BM003604.D
Acq: 17 Dec 2015 18:05

Tgt Ion: 276 Resp: 78

Ion	Ratio	Lower	Upper
276	100		
277	96.1	18.9	28.3#
138	148.7	22.5	33.7#

