

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041116\
 Data File : BM004934.D
 Acq On : 11 Apr 2016 12:31
 Operator : UM/SJ
 Sample : H2275-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T75

Quant Time: Apr 12 01:13:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 01:10:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1303	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	5698	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3345	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	470515	0.40	ng/ul	0.10
18) Chrysene-d12	21.39	240	7131	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	412422	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.32	96	1648	2.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2182	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5827	0.01	ng/ul	0.00

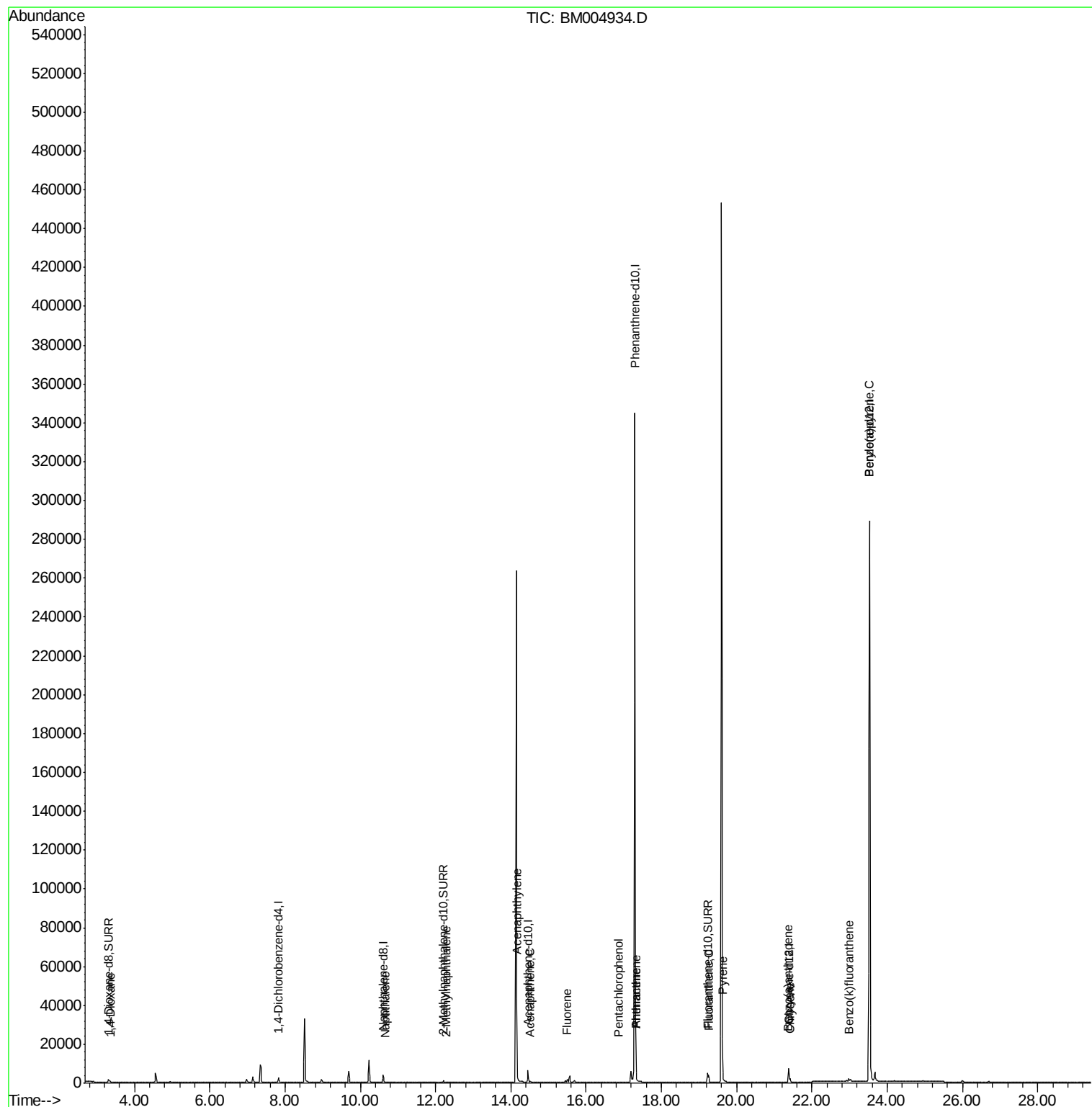
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.35	88	398	0.56	ng/ul#	33
5) Naphthalene	10.66	128	176	0.01	ng/ul#	20
7) 2-Methylnaphthalene	12.28	142	268	0.03	ng/ul	99
9) Acenaphthylene	14.16	152	451	0.03	ng/ul#	68
10) Acenaphthene	14.50	153	266	0.02	ng/ul#	76
11) Fluorene	15.50	166	1069	0.08	ng/ul#	76
13) Pentachlorophenol	16.85	266	186	0.00	ng/ul	91
14) Phenanthrene	17.33	178	2415	0.00	ng/ul#	91
15) Anthracene	17.33	178	2425	0.00	ng/ul#	91
17) Fluoranthene	19.25	202	3519	0.00	ng/ul	93
19) Pyrene	19.62	202	4457	0.18	ng/ul#	95
20) Benzo(a)anthracene	21.37	228	2040	0.09	ng/ul#	93
21) Chrysene	21.42	228	1815	0.09	ng/ul	94
24) Benzo(k)fluoranthene	22.98	252	2052	0.00	ng/ul#	68
25) Benzo(a)pyrene	23.52	252	1681	0.00	ng/ul#	31

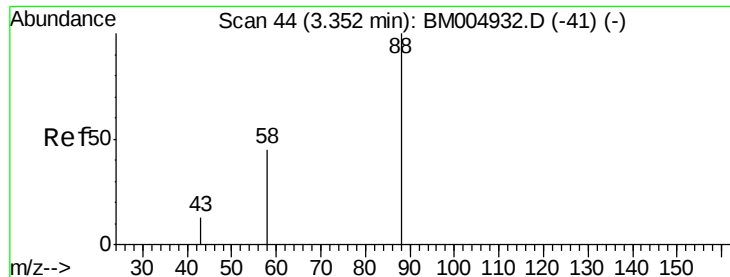
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.56 ng/ul

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

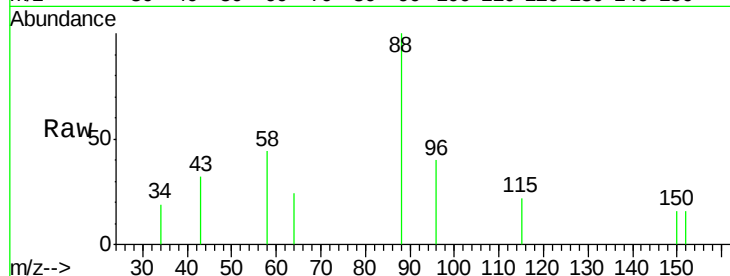
Tgt Ion: 88 Resp: 398

Ion Ratio Lower Upper

88 100

58 48.7 8.0 12.0#

43 20.6 8.0 12.0#

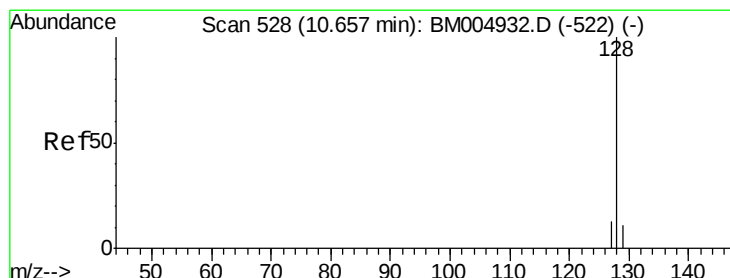
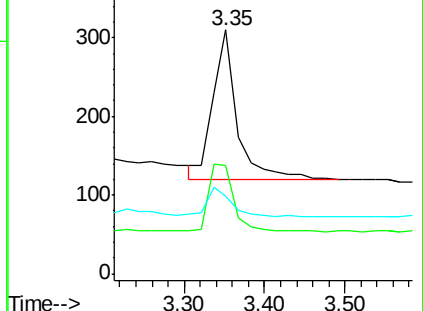
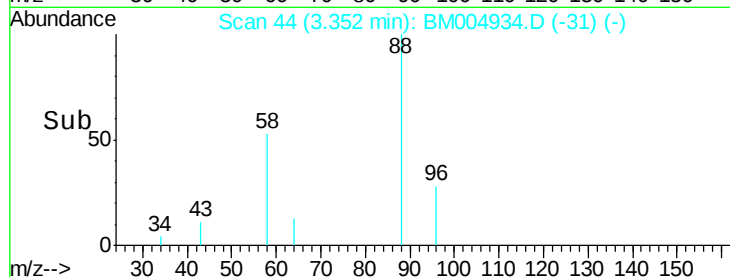


Abundance Ion 88.00 (87.70 to 88.70): BM004932.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM004932.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM004932.D (-41) (-)

Time-->



#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.66 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

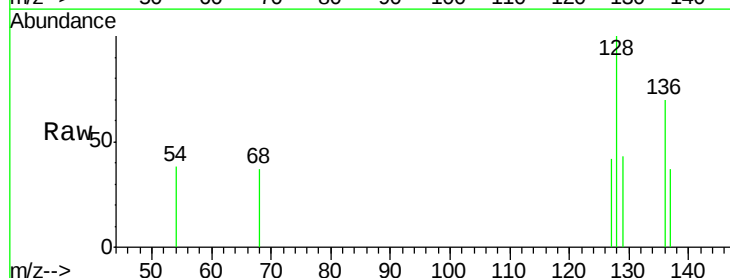
Tgt Ion: 128 Resp: 176

Ion Ratio Lower Upper

128 100

129 43.3 9.0 13.6#

127 42.0 9.6 14.4#

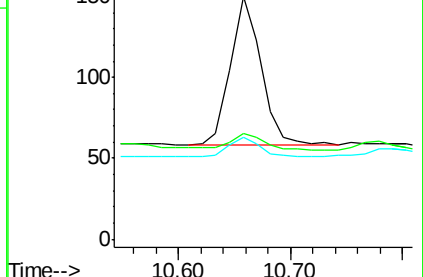
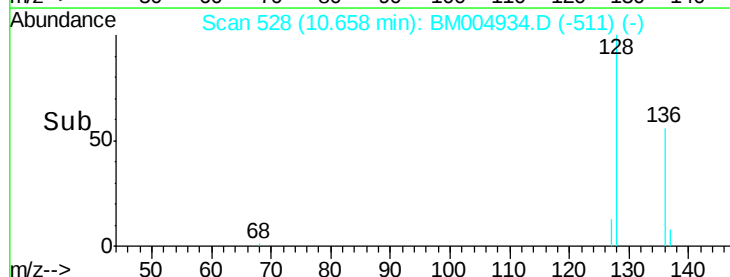


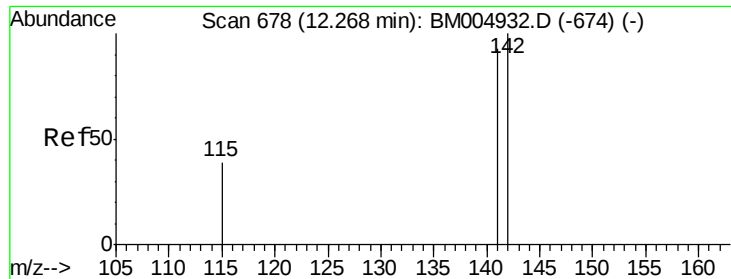
Abundance Ion 128.00 (127.70 to 128.70): BM004932.D (-522) (-)

Ion 129.00 (128.70 to 129.70): BM004932.D (-522) (-)

Ion 127.00 (126.70 to 127.70): BM004932.D (-522) (-)

Time-->





#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

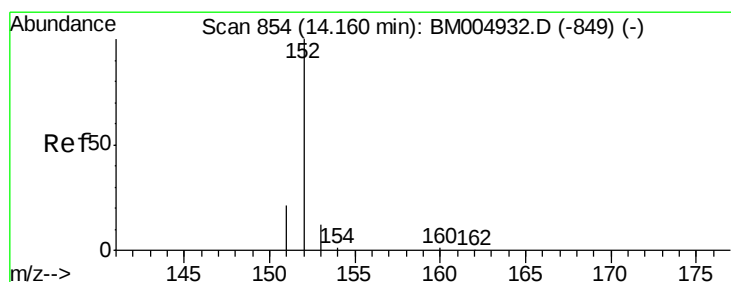
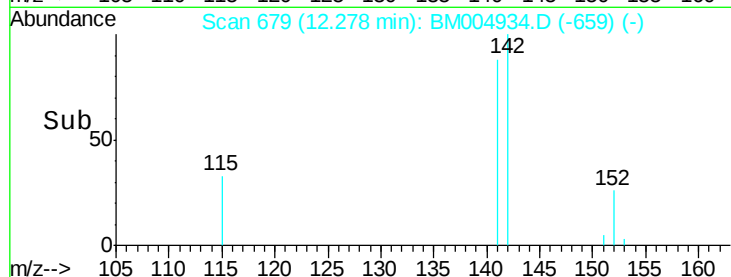
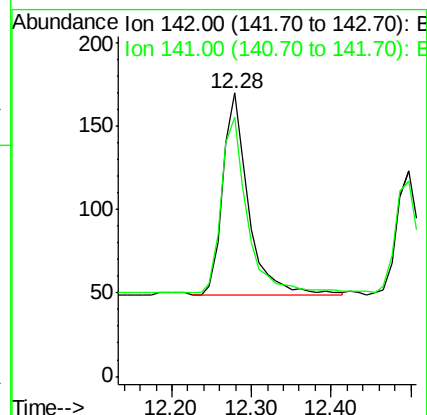
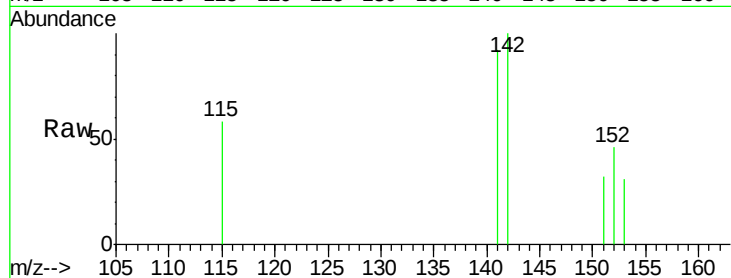
D9T75

Tgt Ion:142 Resp: 268

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5



#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

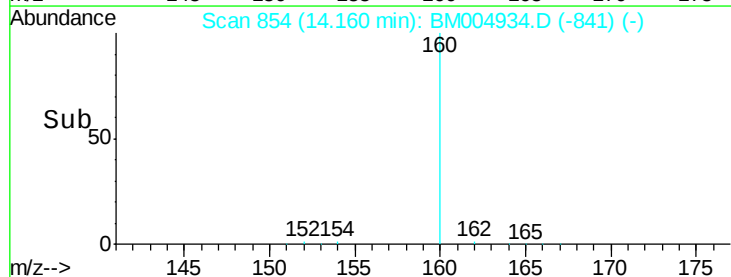
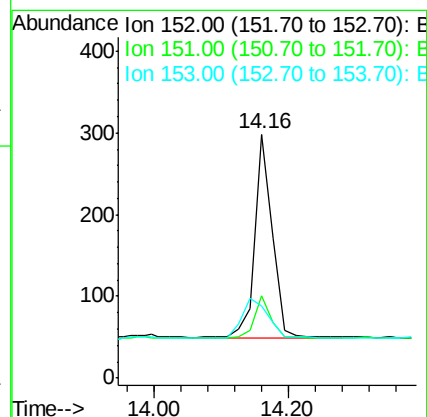
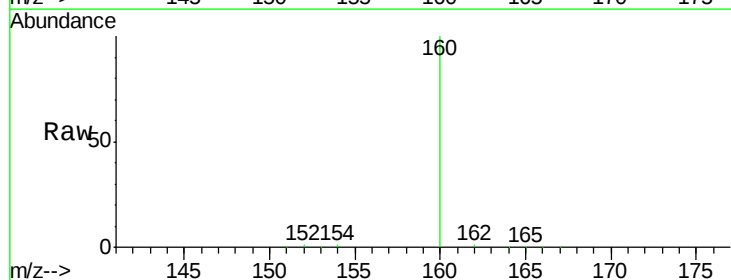
Tgt Ion:152 Resp: 451

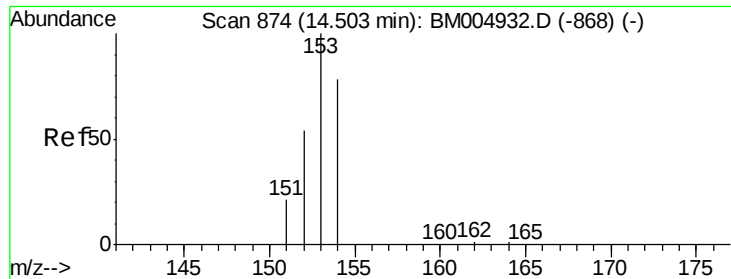
Ion Ratio Lower Upper

152 100

151 33.6 17.6 26.4#

153 29.5 9.7 14.5#





#10

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

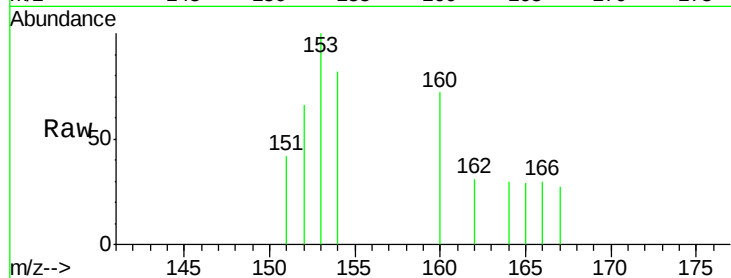
Tgt Ion:153 Resp: 266

Ion Ratio Lower Upper

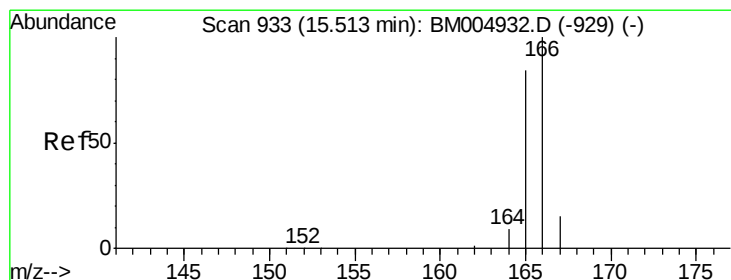
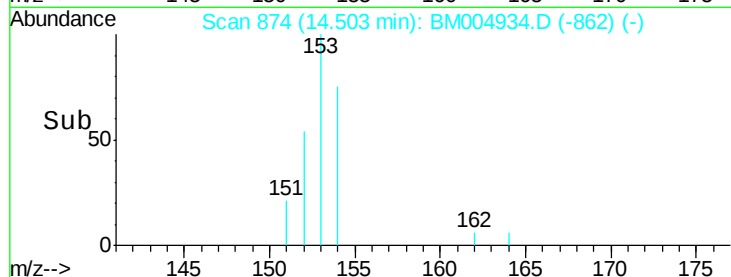
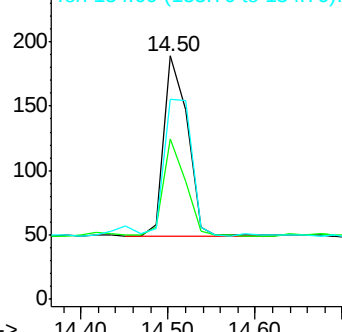
153 100

152 66.1 33.9 50.9#

154 82.0 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: 15.50 min Scan# 932

Delta R.T. -0.02 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

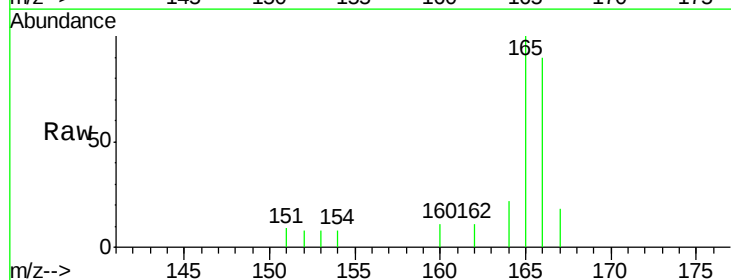
Tgt Ion:166 Resp: 1069

Ion Ratio Lower Upper

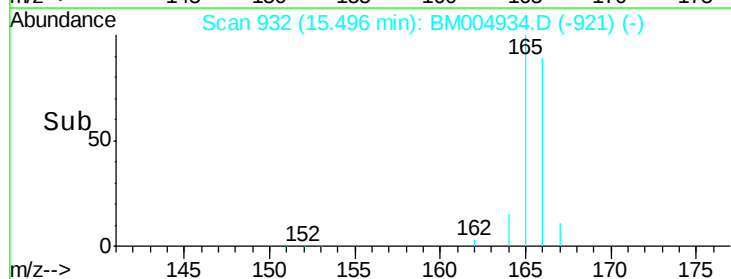
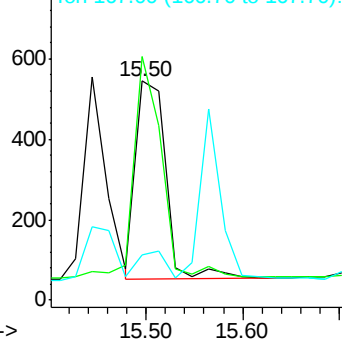
166 100

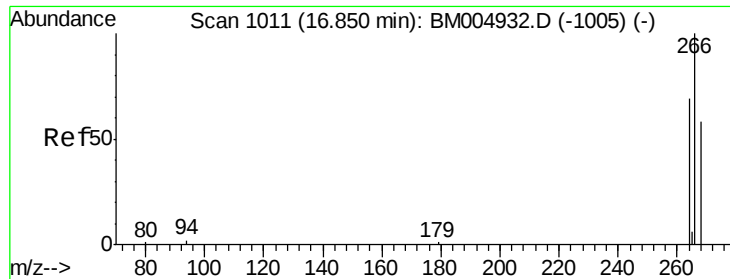
165 111.2 69.6 104.4#

167 20.6 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

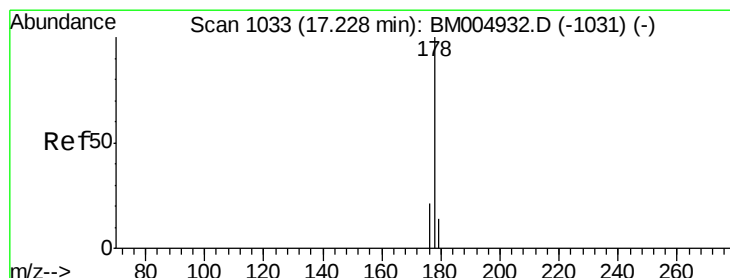
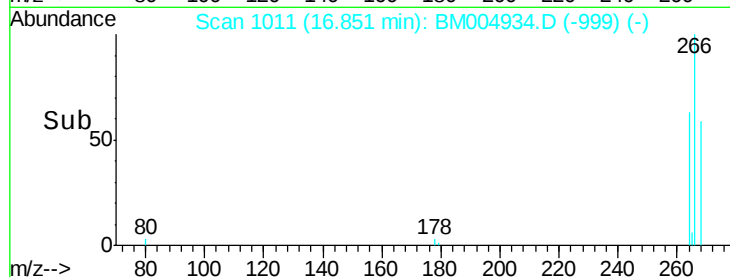
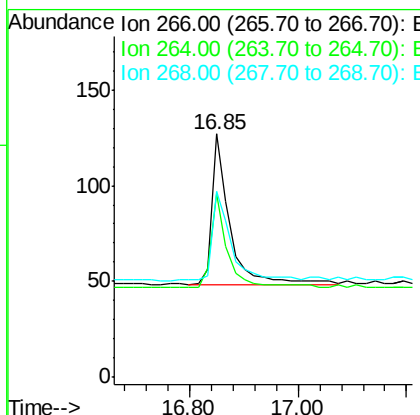
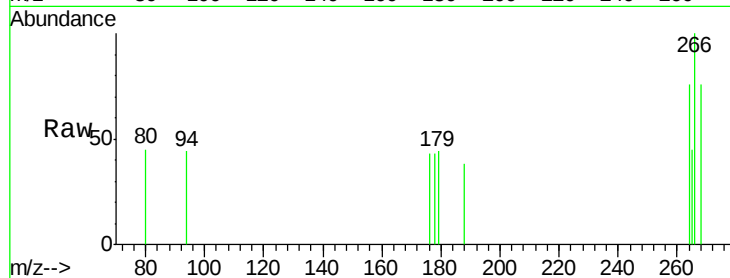




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM004934.D
 Acq: 11 Apr 2016 12:31

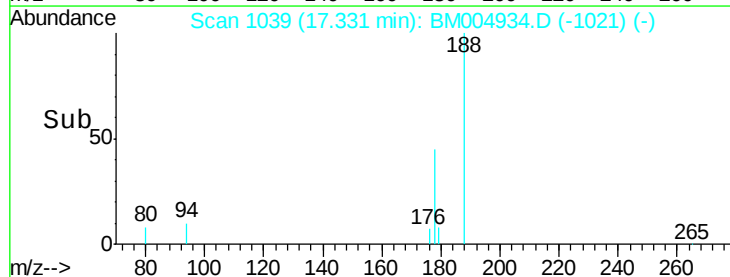
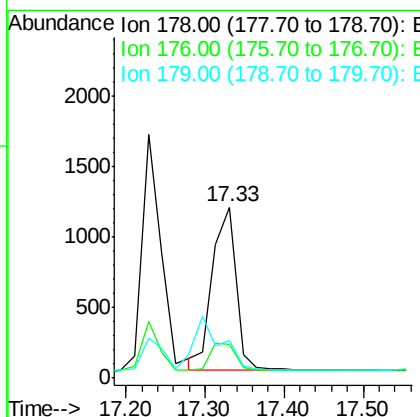
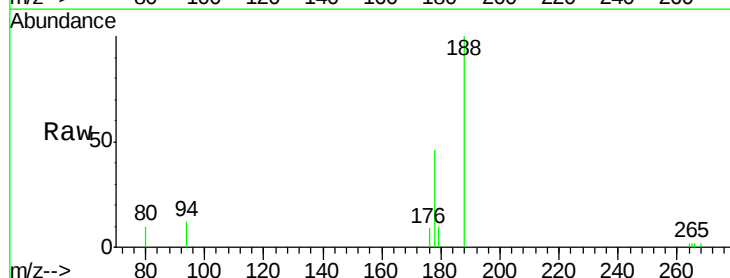
Instrument :
 BNA_M
 ClientSampleId :
 D9T75

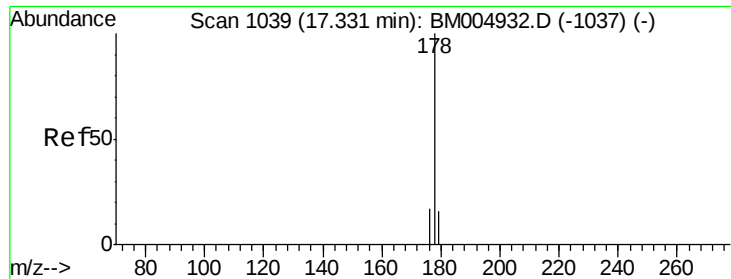
Tgt Ion: 266 Resp: 186
 Ion Ratio Lower Upper
 266 100
 264 54.8 51.8 77.8
 268 55.4 46.8 70.2



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. 0.10 min
 Lab File: BM004934.D
 Acq: 11 Apr 2016 12:31

Tgt Ion: 178 Resp: 2415
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.0 19.4#
 179 21.7 14.2 21.2#





#15

Anthracene

Concen: 0.00 ng/u1

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

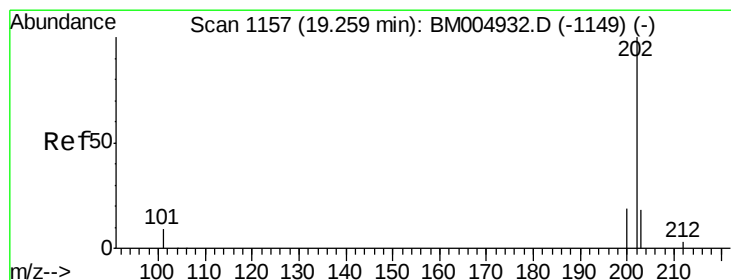
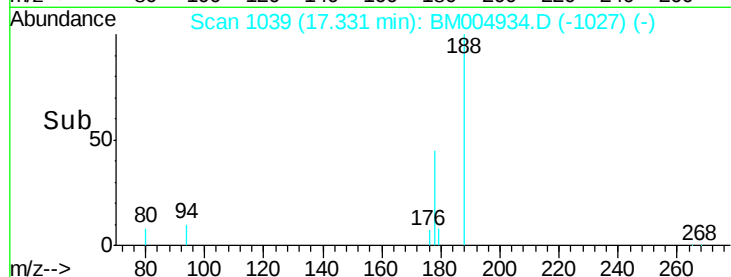
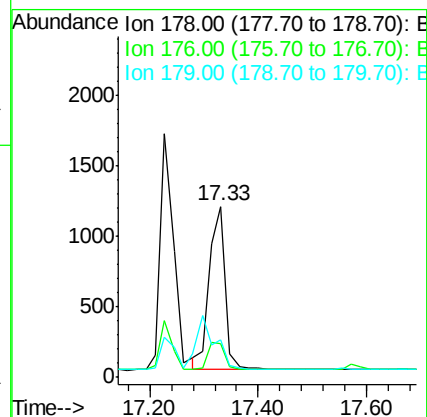
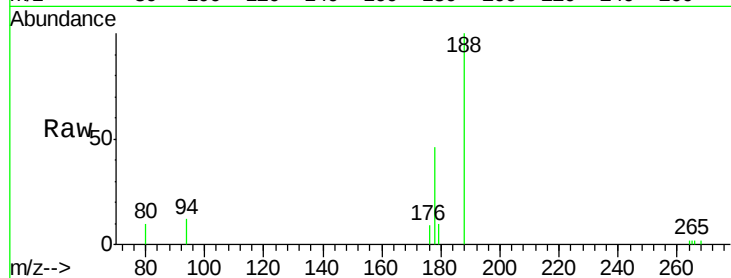
Tgt Ion:178 Resp: 2425

Ion Ratio Lower Upper

178 100

176 19.9 14.0 21.0

179 21.7 12.9 19.3#



#17

Fluoranthene

Concen: 0.00 ng/u1

RT: 19.25 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

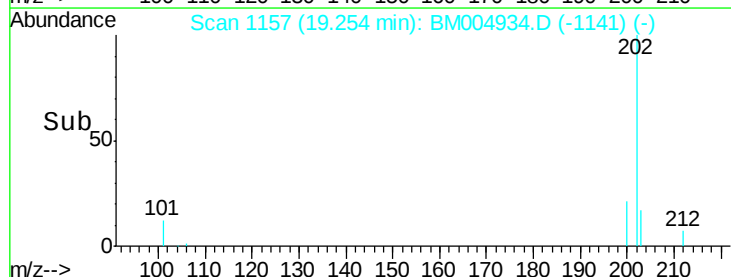
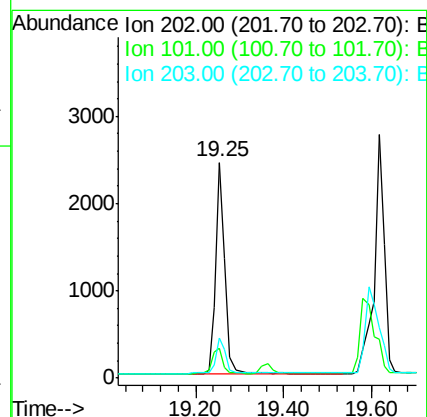
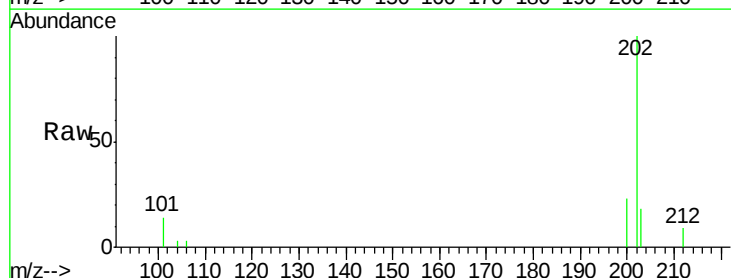
Tgt Ion:202 Resp: 3519

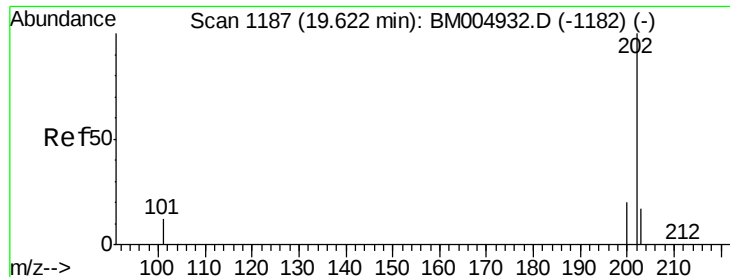
Ion Ratio Lower Upper

202 100

101 13.9 0.0 29.6

203 18.4 0.0 36.3





#19

Pyrene

Concen: 0.18 ng/ul

RT: 19.62 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

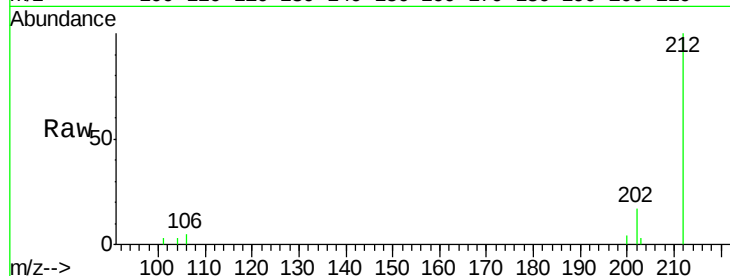
Tgt Ion:202 Resp: 4457

Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.8

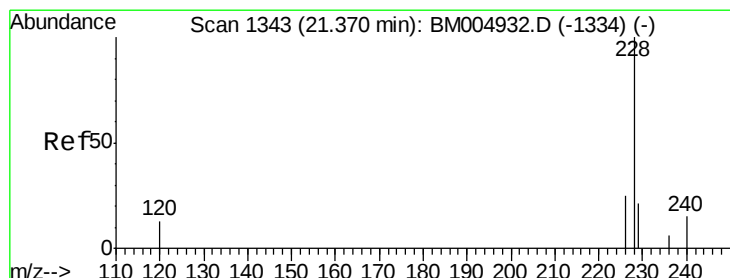
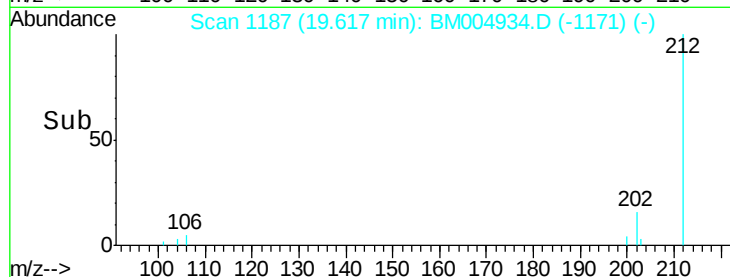
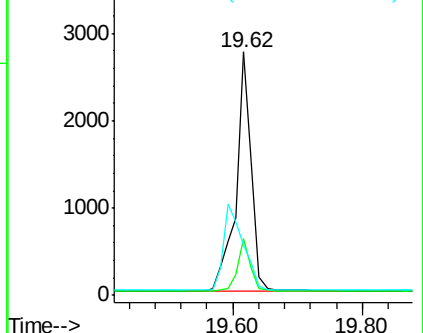
203 20.5 12.8 19.2#



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



#20

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

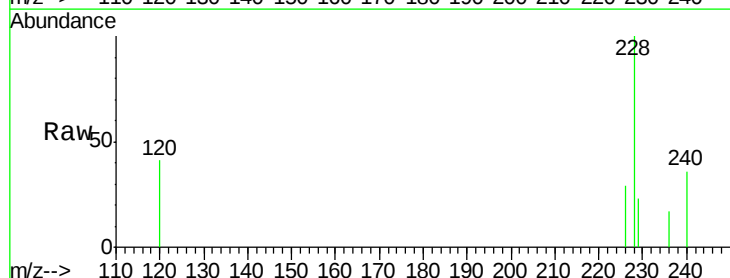
Tgt Ion:228 Resp: 2040

Ion Ratio Lower Upper

228 100

226 28.8 18.8 28.2#

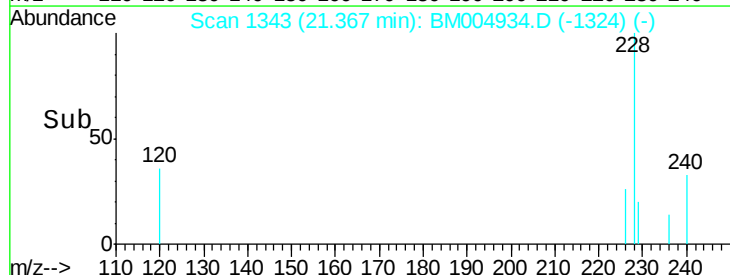
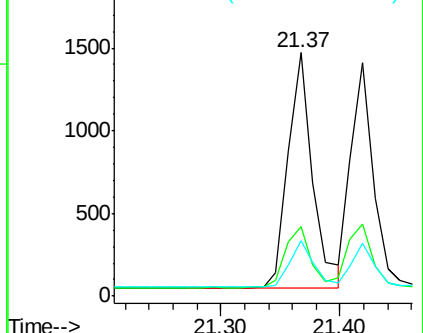
229 22.6 17.1 25.7

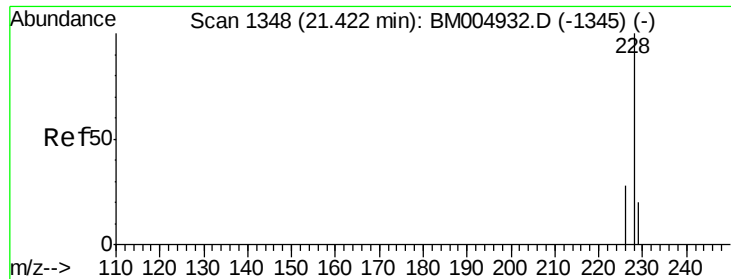


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.09 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

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D9T75

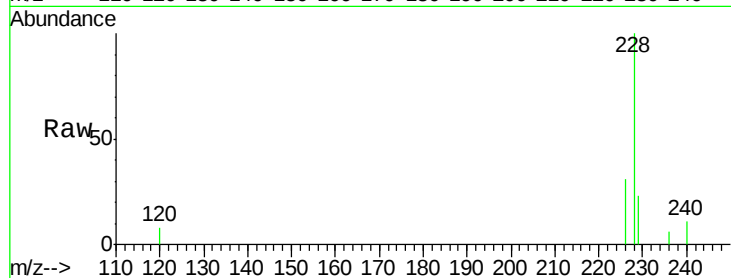
Tgt Ion: 228 Resp: 1815

Ion Ratio Lower Upper

228 100

226 31.0 21.2 31.8

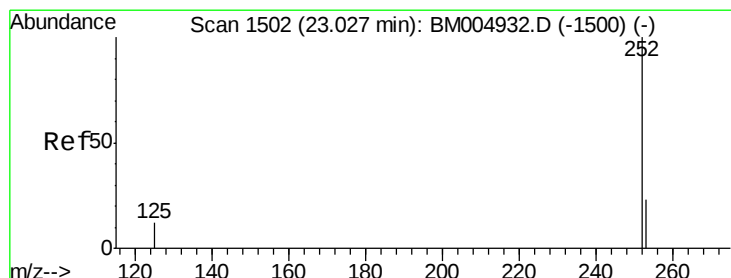
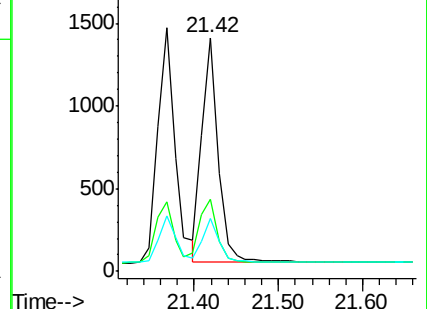
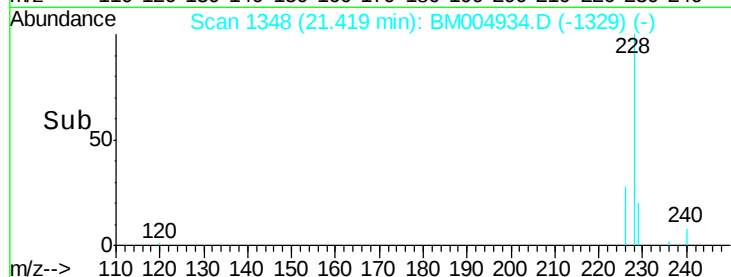
229 22.9 17.0 25.6



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



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. -0.04 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

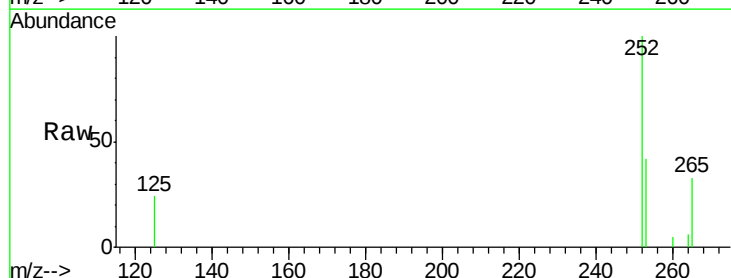
Tgt Ion: 252 Resp: 2052

Ion Ratio Lower Upper

252 100

253 41.6 19.8 29.8#

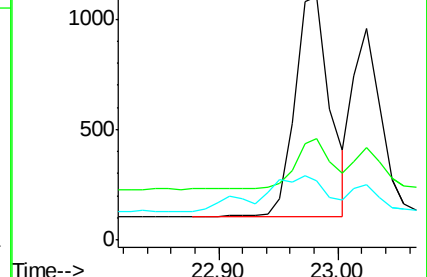
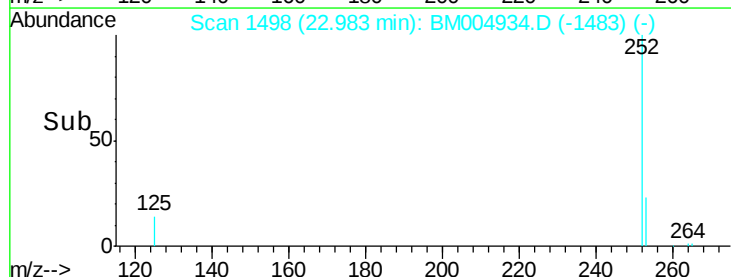
125 24.2 10.4 15.6#

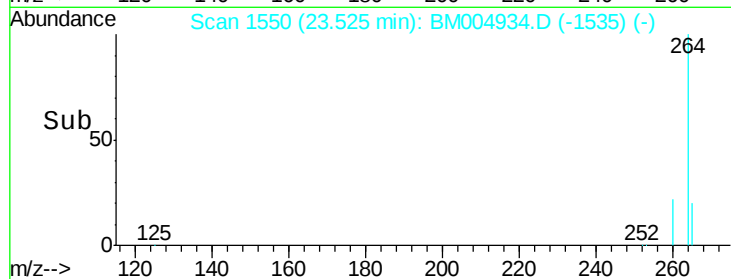
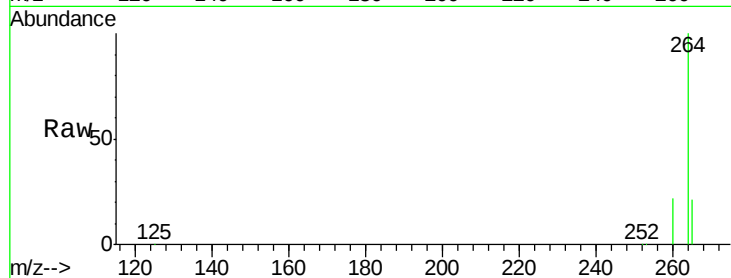
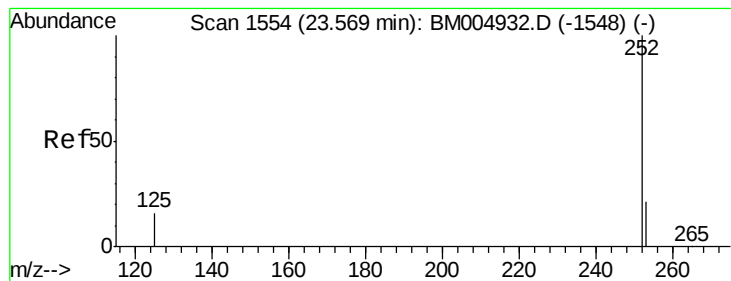


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.52 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BM004934.D

Acq: 11 Apr 2016 12:31

Instrument :

BNA_M

ClientSampleId :

D9T75

Tgt Ion: 252 Resp: 1681

Ion Ratio Lower Upper

252 100

253 51.1 19.4 29.2#

125 55.1 12.7 19.1#

