

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013016\
 Data File : BM004155.D
 Acq On : 29 Jan 2016 20:25
 Operator : SJ/IZ
 Sample : H1281-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-2016-01-27

Quant Time: Jan 29 22:15:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	15134	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	66391	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	40772	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	118849	5.00	ng	0.00
26) Chrysene-d12	21.27	240	128576	5.00	ng	0.00
35) Perylene-d12	23.51	264	132250	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	8287	2.62	ng	-0.02
5) Phenol-d6	6.85	99	6208	1.63	ng	0.00
8) Nitrobenzene-d5	8.83	82	11503	3.95	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	10699	6.73	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	46736	3.74	ng	0.00
29) Terphenyl-d14	19.71	244	71638	4.38	ng	0.00

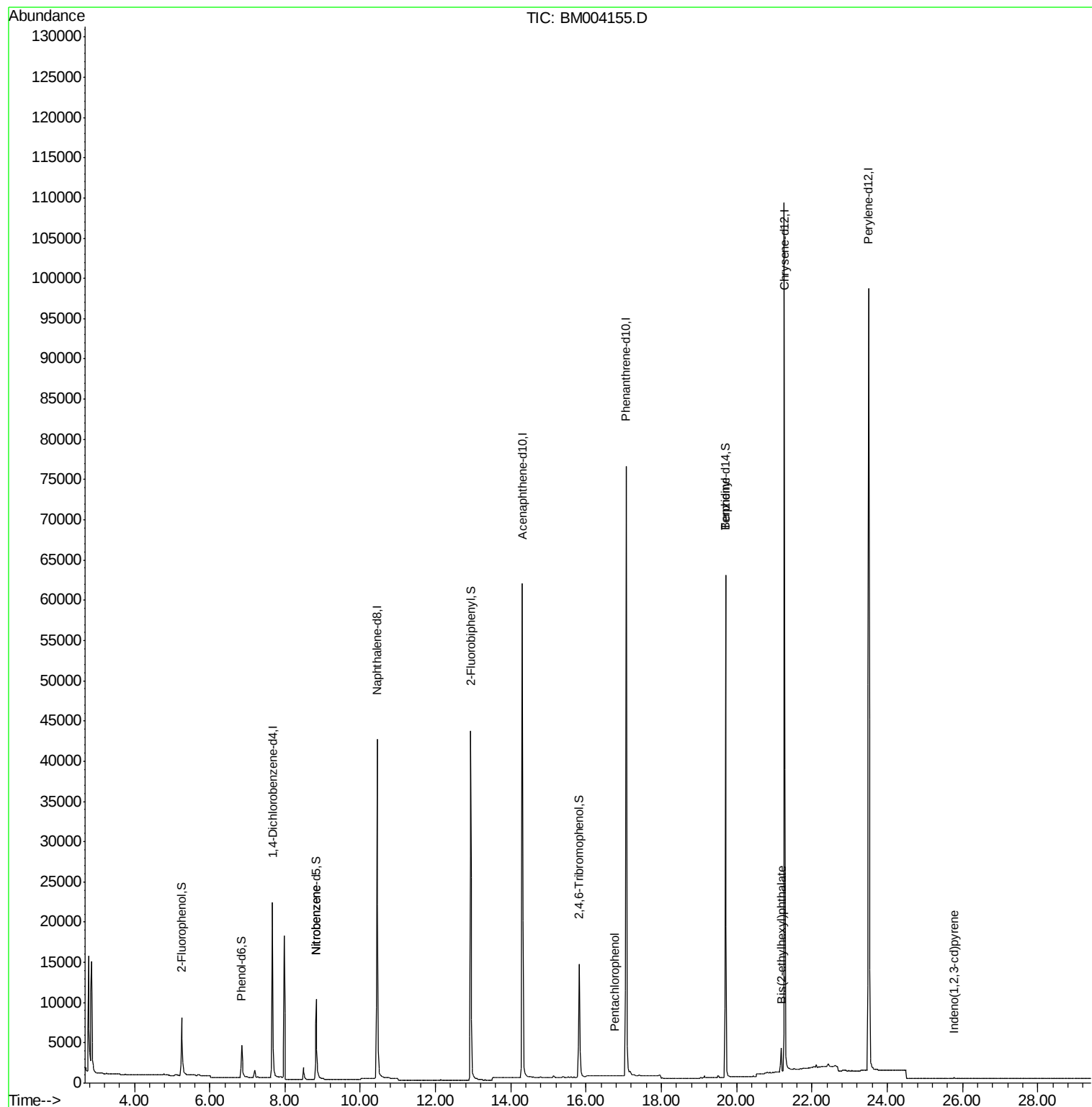
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Nitrobenzene	8.83	77	65	0.23	ng	# 41
22) Pentachlorophenol	16.76	266	12	0.23	ng	# 60
23) Phenanthrene	17.09	178	501	Below Cal		# 83
27) Benzydine	19.71	184	1623	0.39	ng	# 73
28) Pyrene	19.50	202	272	Below Cal		# 83
30) Benzo(a)anthracene	21.27	228	701	Below Cal		# 74
32) Chrysene	21.27	228	690	Below Cal		# 76
33) Bis(2-ethylhexyl)phthalate	21.19	149	3717	0.34	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.78	276	166	0.03	ng	97

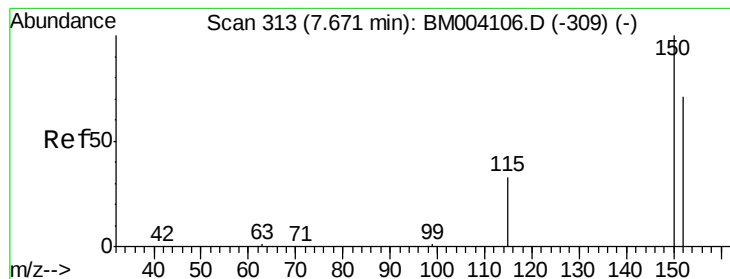
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

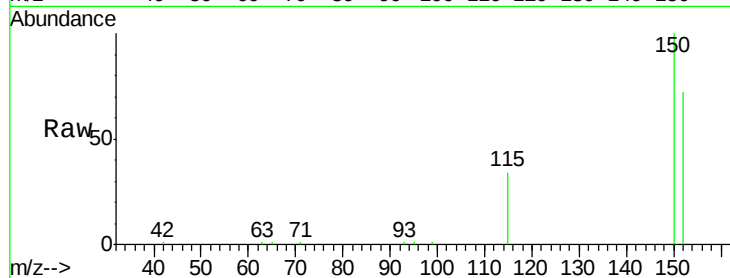
Tgt Ion:152 Resp: 15134

Ion Ratio Lower Upper

152 100

150 139.8 122.9 184.3

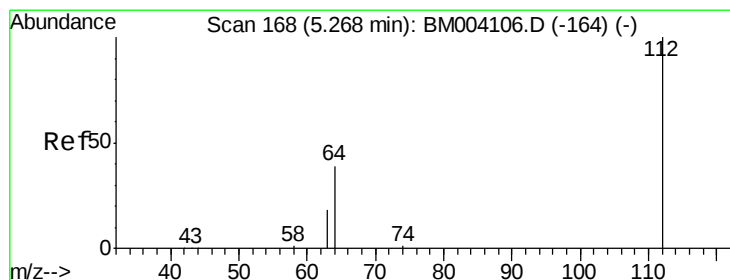
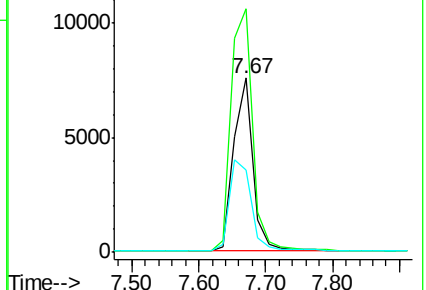
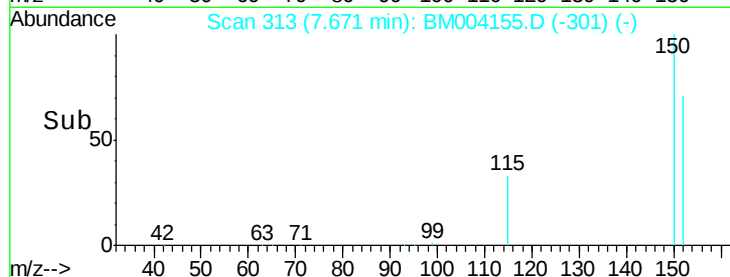
115 47.5 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 2.62 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

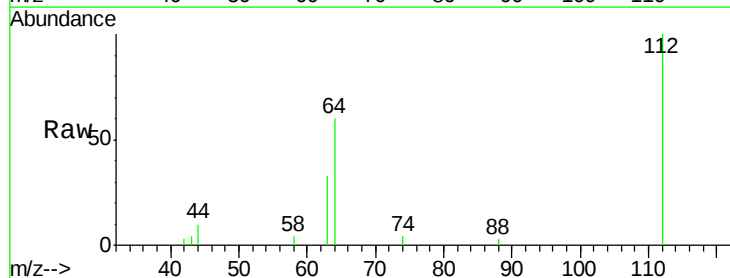
Tgt Ion:112 Resp: 8287

Ion Ratio Lower Upper

112 100

64 52.1 41.8 62.8

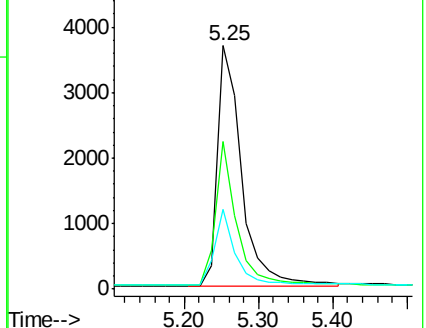
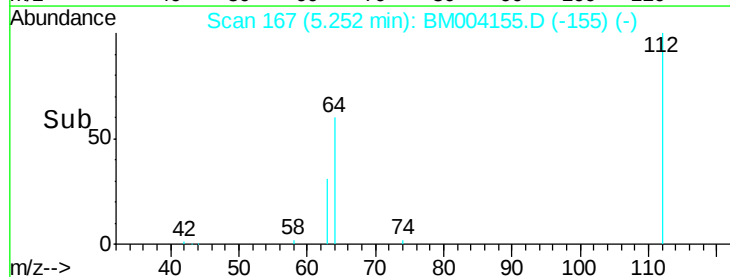
63 27.6 22.1 33.1

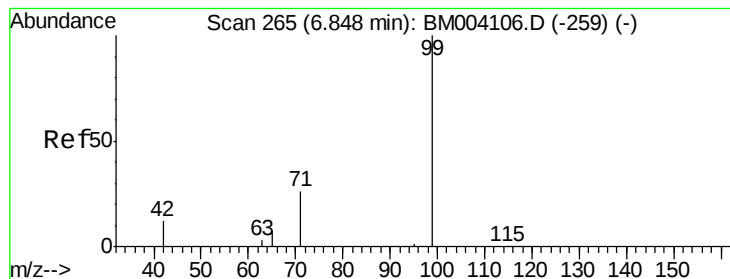


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.63 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

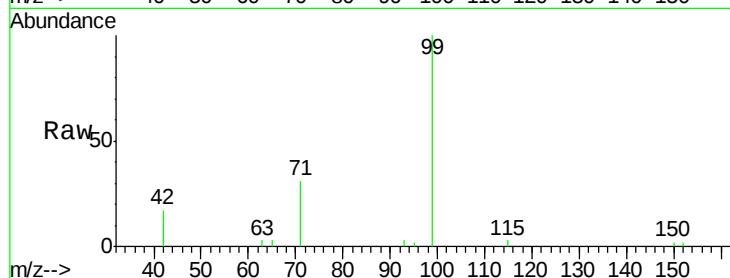
Tgt Ion: 99 Resp: 6208

Ion Ratio Lower Upper

99 100

42 17.9 16.2 24.2

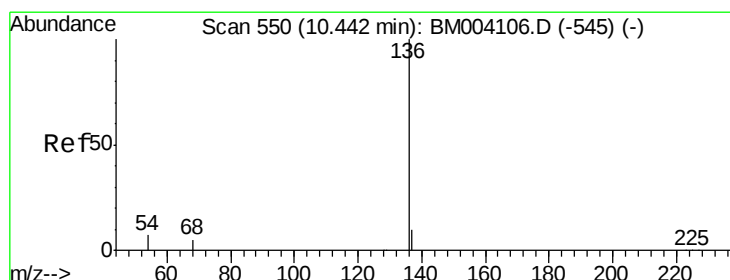
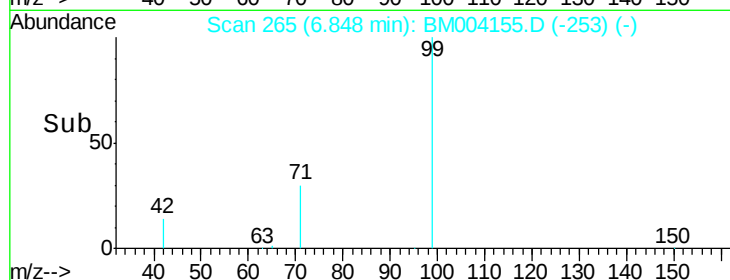
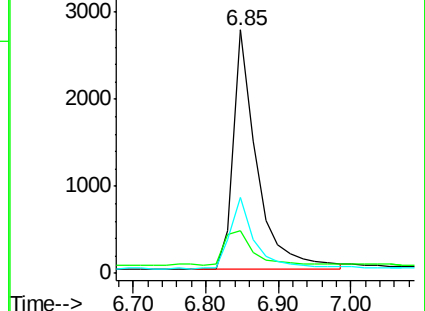
71 30.7 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Tgt Ion: 136 Resp: 66391

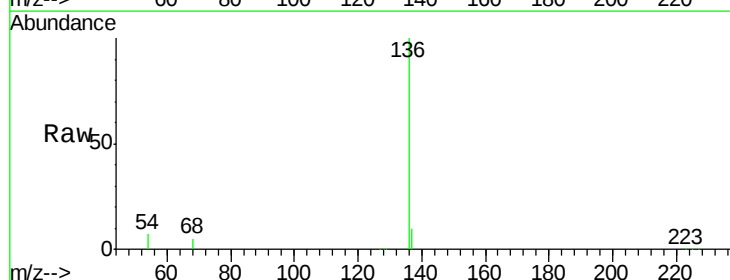
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.2 2.8 4.2#

68 5.5 2.5 3.7#

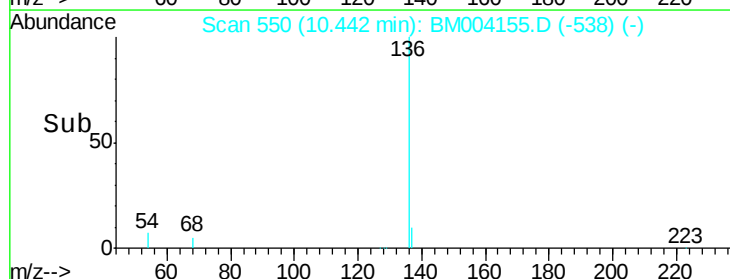
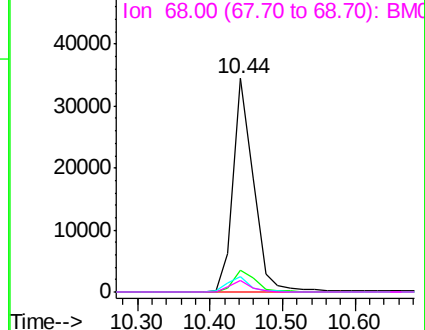


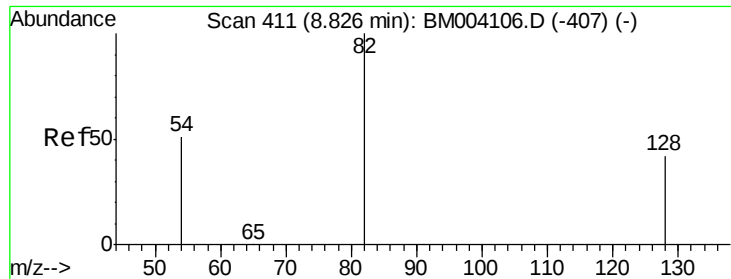
Abundance Ion 136.00 (135.70 to 136.70): BM004106.D (-545) (-)

Ion 137.00 (136.70 to 137.70): BM004106.D (-545) (-)

Ion 54.00 (53.70 to 54.70): BM004106.D (-545) (-)

Ion 68.00 (67.70 to 68.70): BM004106.D (-545) (-)





#8

Nitrobenzene-d5

Concen: 3.95 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

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ClientSampleId :

EB-2016-01-27

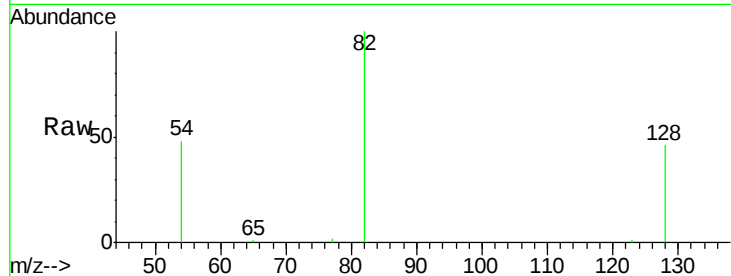
Tgt Ion: 82 Resp: 11503

Ion Ratio Lower Upper

82 100

128 45.6 39.1 58.7

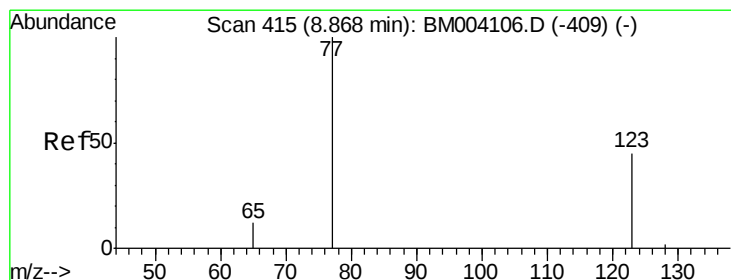
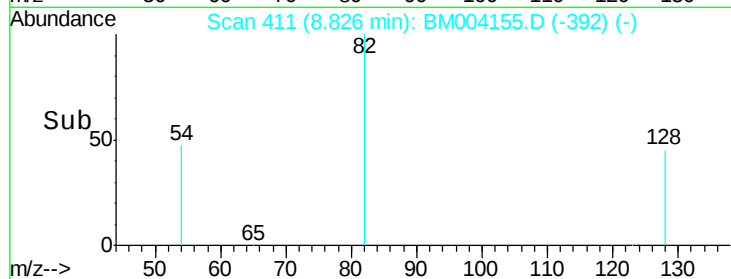
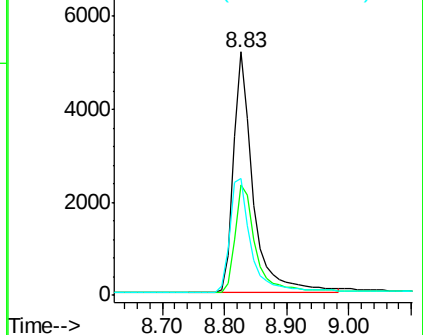
54 48.0 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM004106.D (-407) (-)

Ion 128.00 (127.70 to 128.70): BM004106.D (-407) (-)

Ion 54.00 (53.70 to 54.70): BM004106.D (-407) (-)



#9

Nitrobenzene

Concen: 0.23 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.04 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

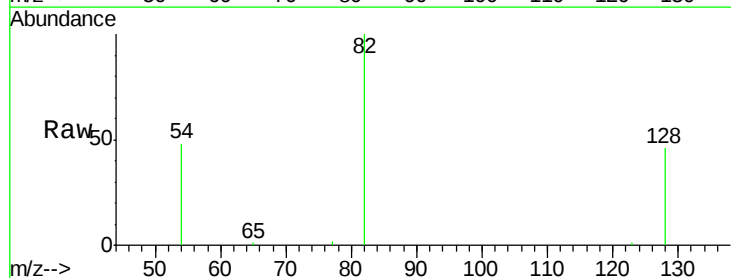
Tgt Ion: 77 Resp: 65

Ion Ratio Lower Upper

77 100

123 0.0 38.6 57.8#

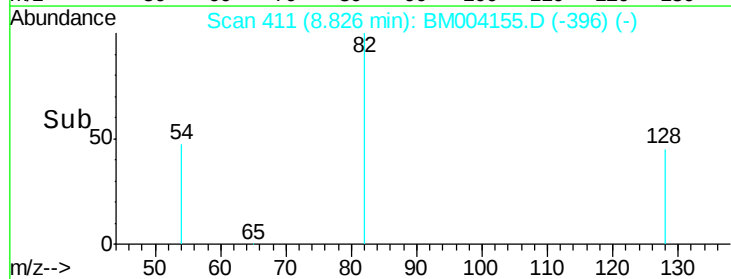
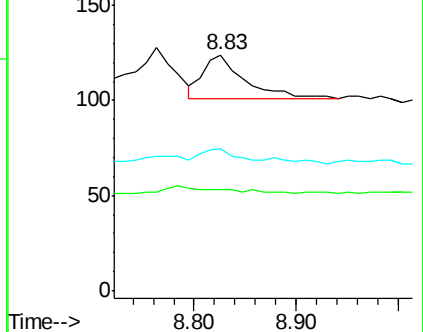
65 16.9 9.9 14.9#

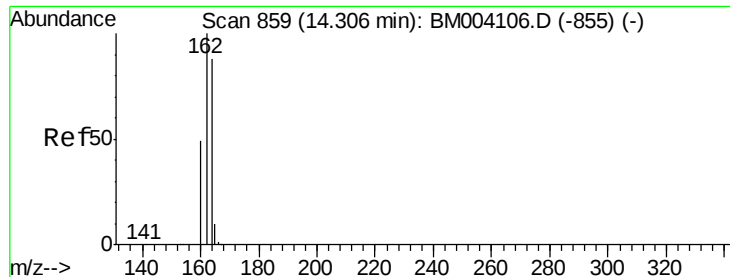


Abundance Ion 77.00 (76.70 to 77.70): BM004106.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM004106.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM004106.D (-409) (-)





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

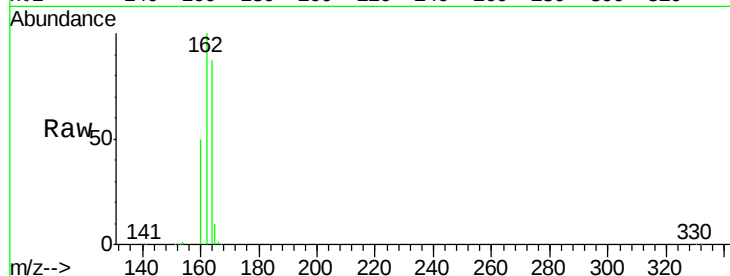
Tgt Ion:164 Resp: 40772

Ion Ratio Lower Upper

164 100

162 115.4 86.0 129.0

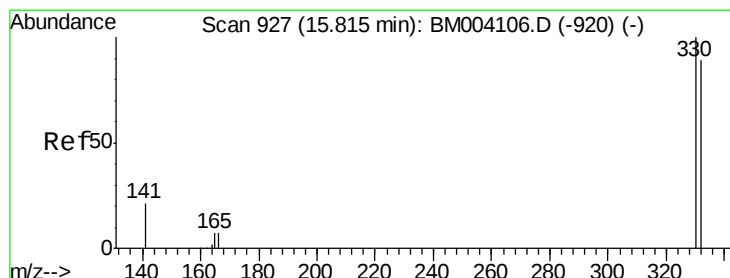
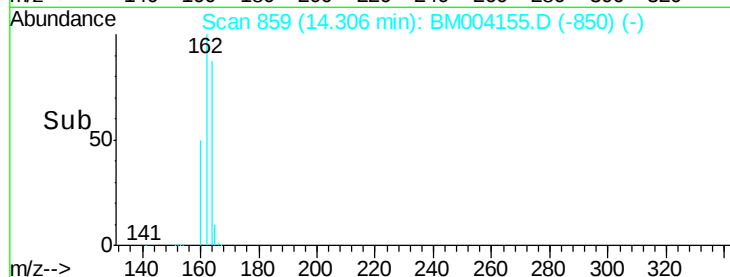
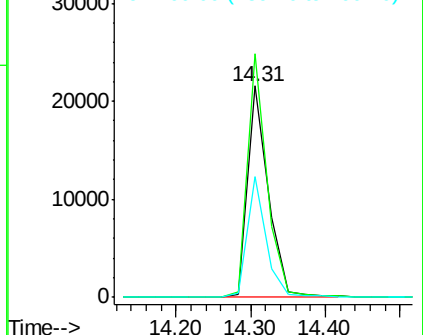
160 57.5 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 6.73 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

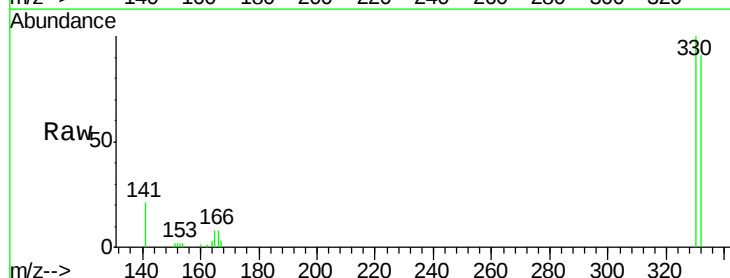
Tgt Ion:330 Resp: 10699

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

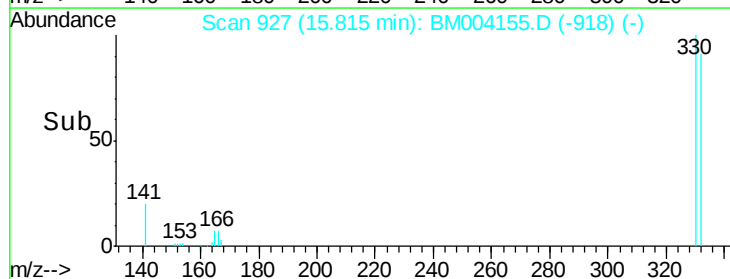
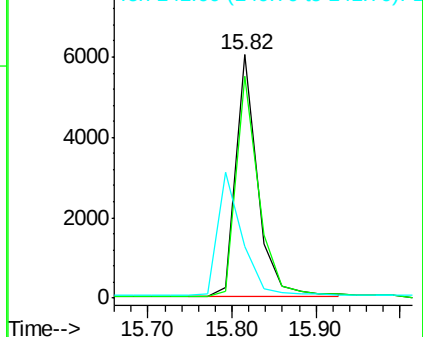
141 0.0 27.8 41.6#

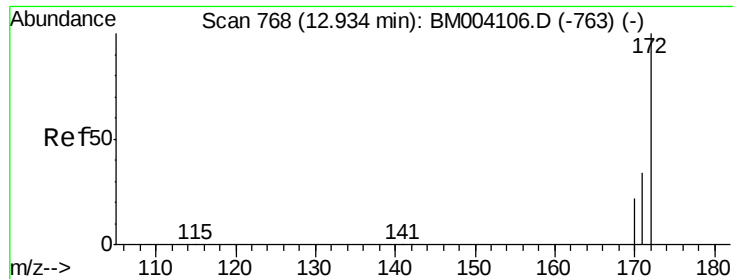


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

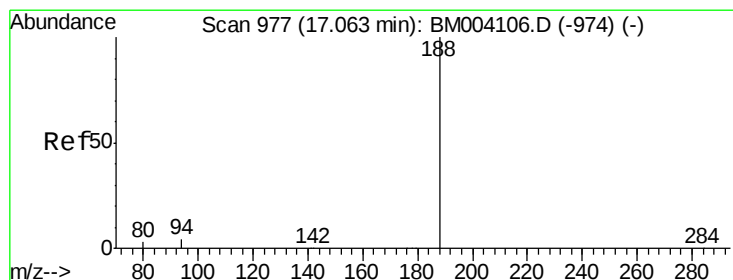
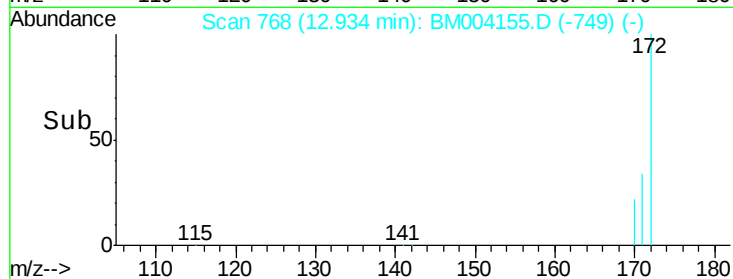
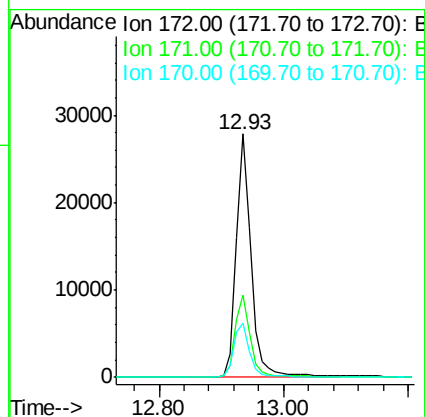
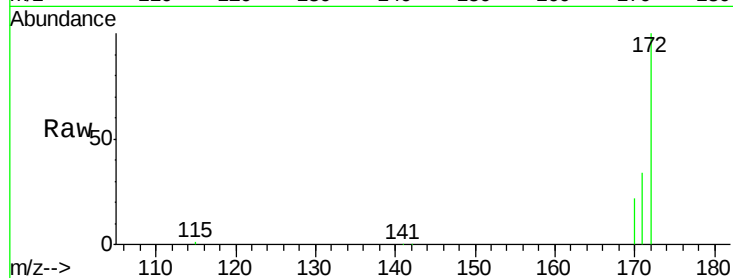




#15
2-Fluorobiphenyl
Concen: 3.74 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

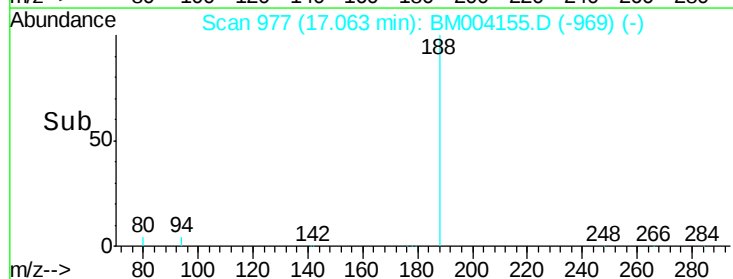
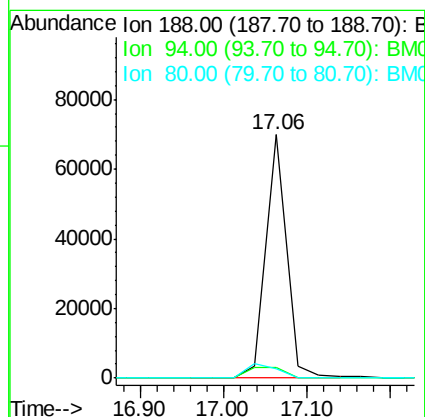
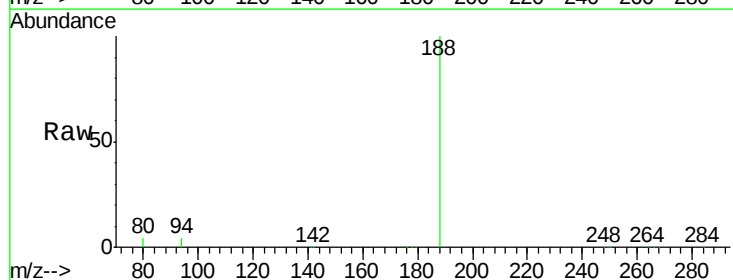
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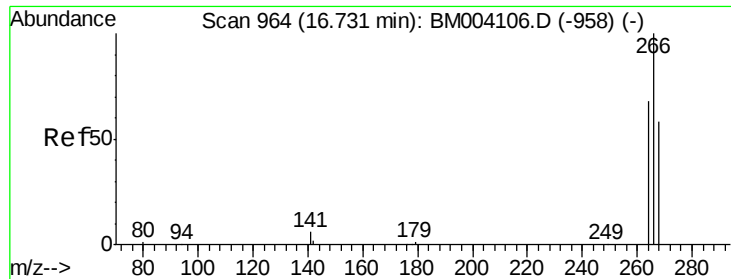
Tgt Ion:172 Resp: 46736
Ion Ratio Lower Upper
172 100
171 33.9 27.0 40.6
170 22.1 17.9 26.9



#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004155.D
Acq: 29 Jan 2016 20:25

Tgt Ion:188 Resp: 118849
Ion Ratio Lower Upper
188 100
94 4.5 20.3 30.5#
80 3.9 22.2 33.4#





#22

Pentachlorophenol

Concen: 0.23 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.03 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

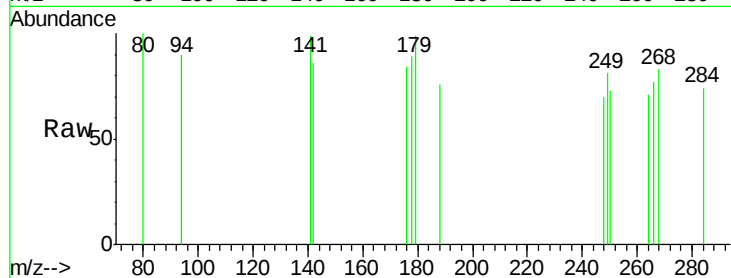
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

268 107.4 62.7 94.1#

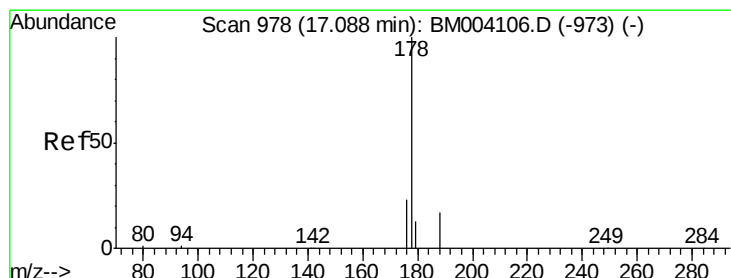
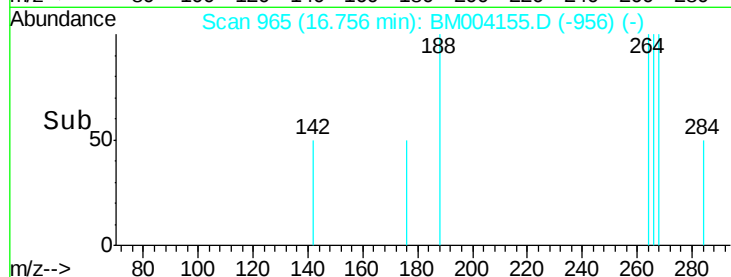
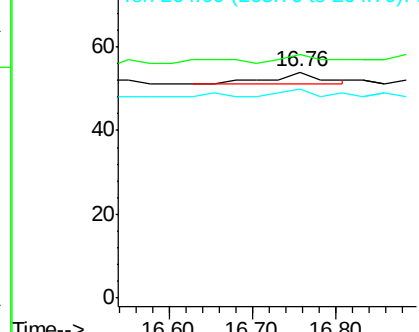
264 92.6 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#23

Phenanthrene

Concen: Below Cal

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

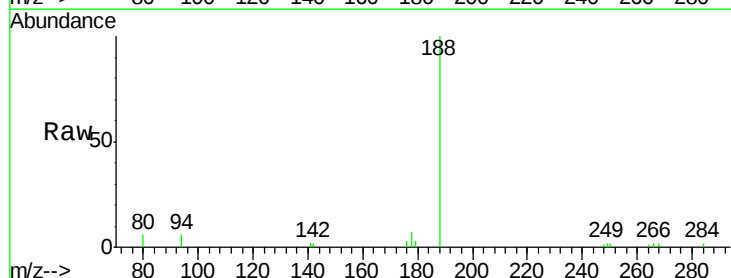
Tgt Ion:178 Resp: 501

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

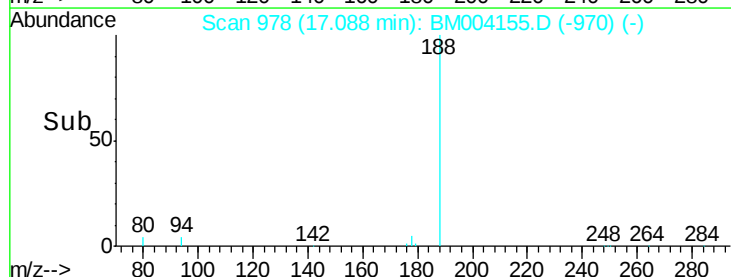
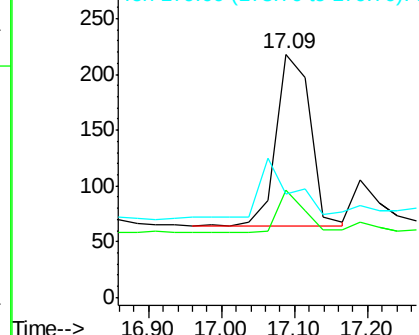
179 0.0 12.2 18.4#

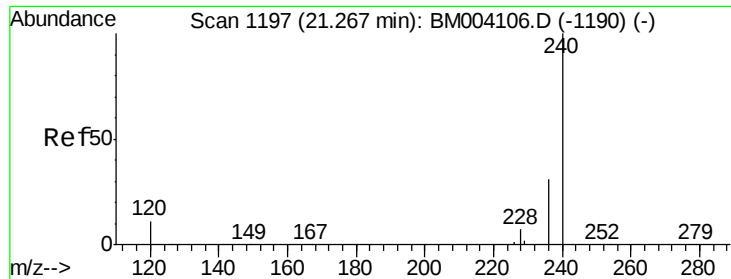


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

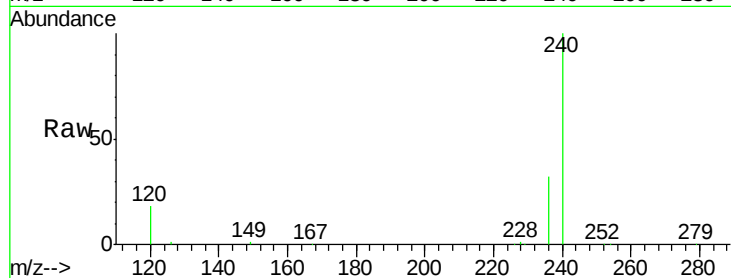
Tgt Ion:240 Resp: 128576

Ion Ratio Lower Upper

240 100

120 18.5 0.9 1.3#

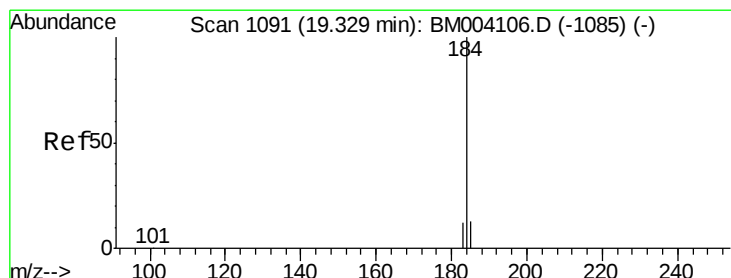
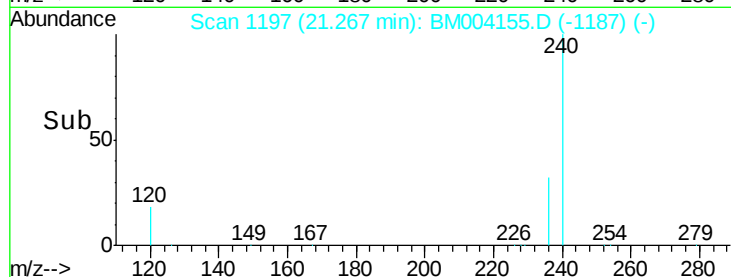
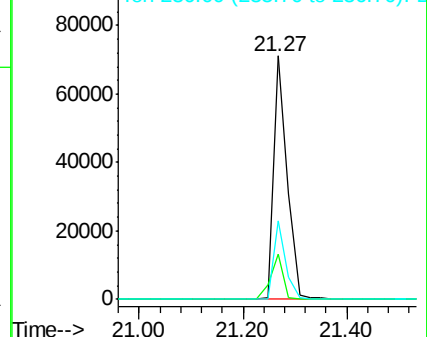
236 32.4 17.3 25.9#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#27

Benzidine

Concen: 0.39 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.38 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

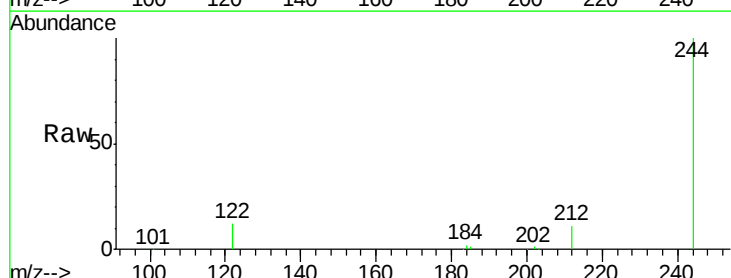
Tgt Ion:184 Resp: 1623

Ion Ratio Lower Upper

184 100

185 29.5 13.2 19.8#

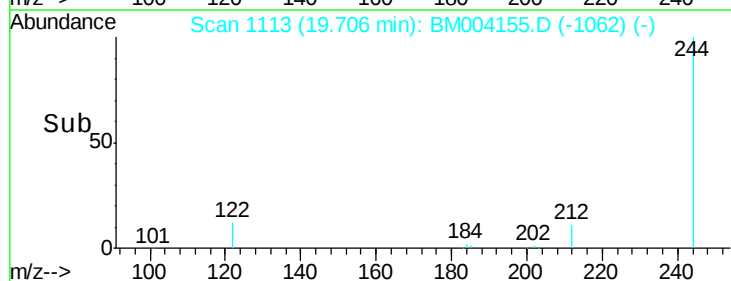
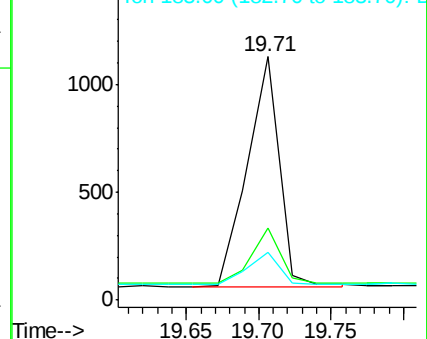
183 19.8 9.0 13.6#

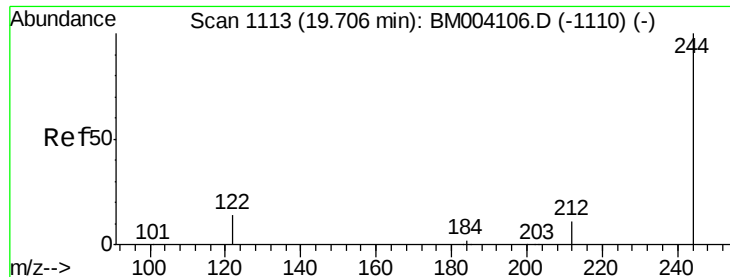


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#29

Terphenyl-d14

Concen: 4.38 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

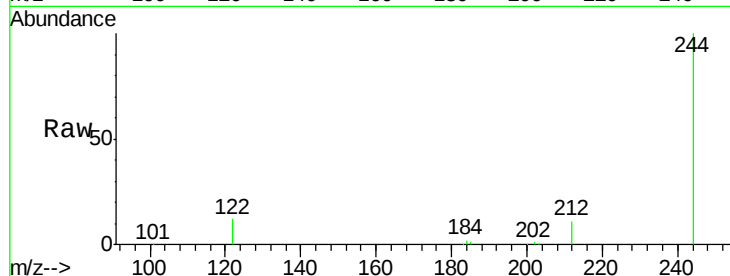
Tgt Ion:244 Resp: 71638

Ion Ratio Lower Upper

244 100

212 10.7 7.0 10.6#

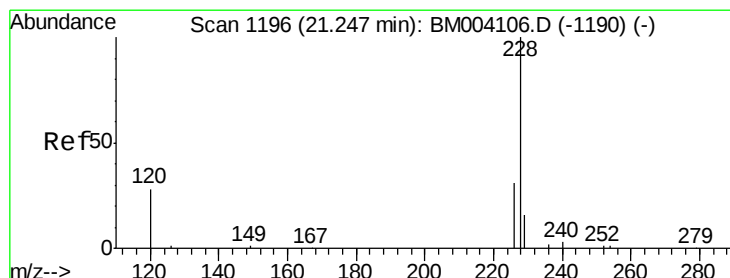
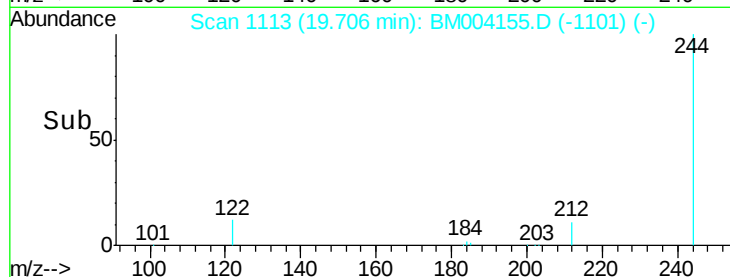
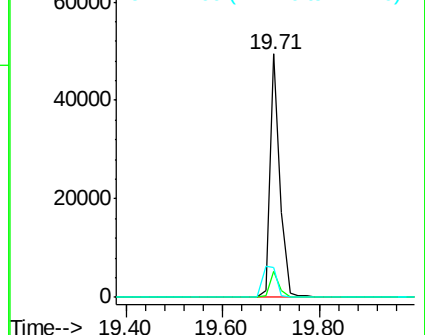
122 12.1 3.0 4.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: Below Cal

RT: 21.27 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

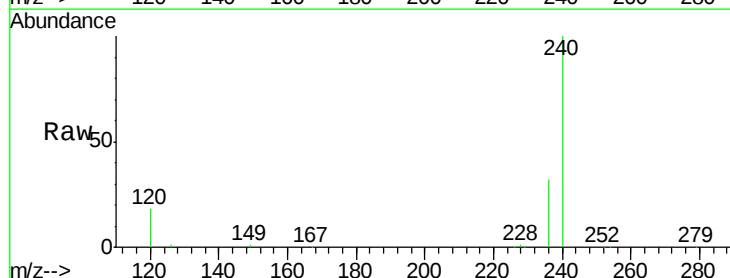
Tgt Ion:228 Resp: 701

Ion Ratio Lower Upper

228 100

226 27.5 17.2 25.8#

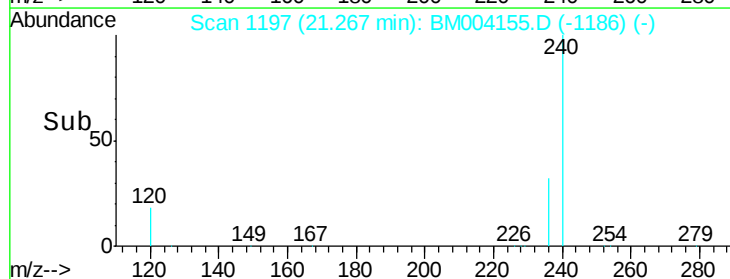
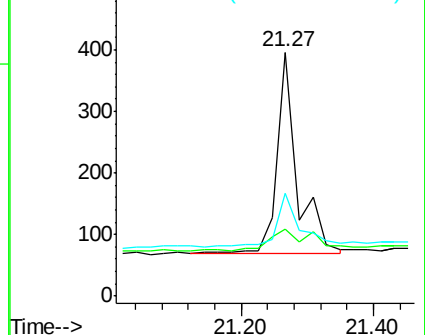
229 41.9 18.7 28.1#

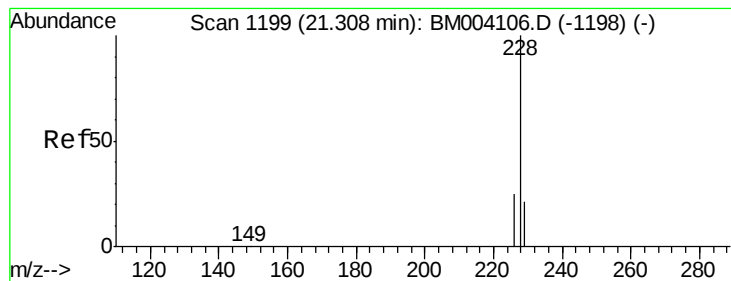


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Chrysene

Concen: Below Cal

RT: 21.27 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27

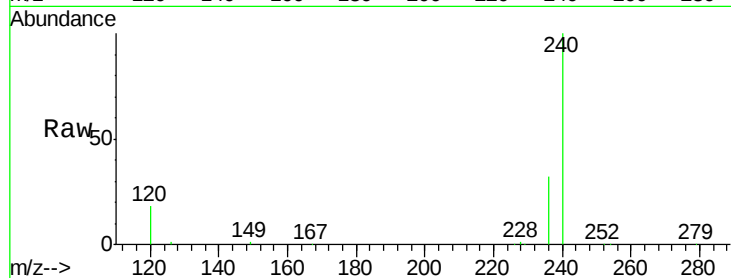
Tgt Ion:228 Resp: 690

Ion Ratio Lower Upper

228 100

226 27.5 25.3 37.9

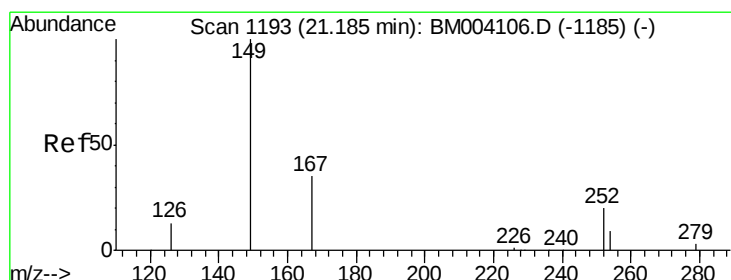
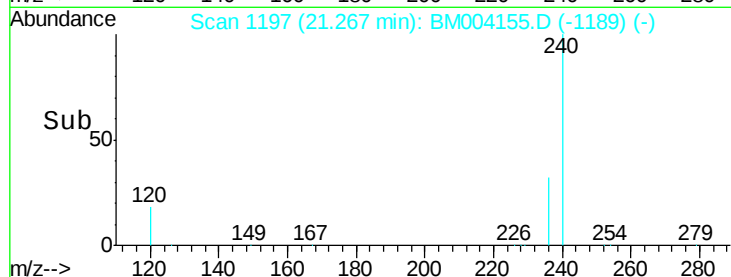
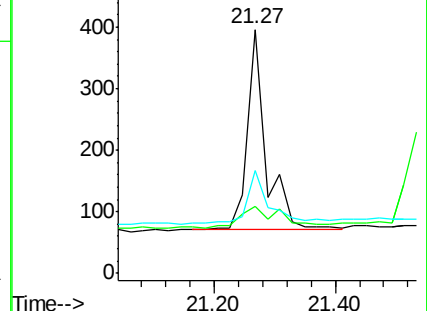
229 41.9 14.5 21.7#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

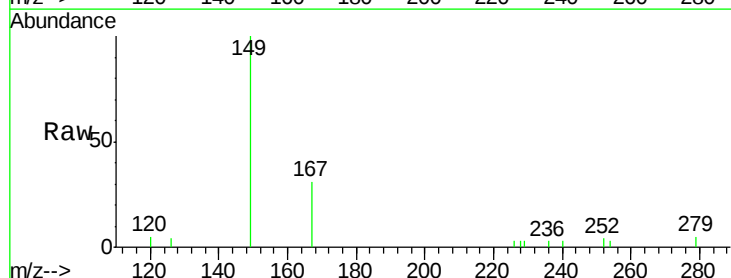
Tgt Ion:149 Resp: 3717

Ion Ratio Lower Upper

149 100

167 28.0 20.1 30.1

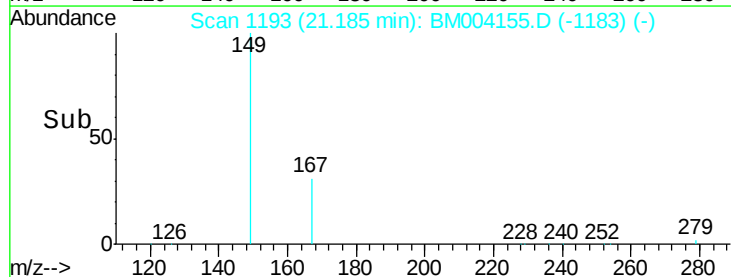
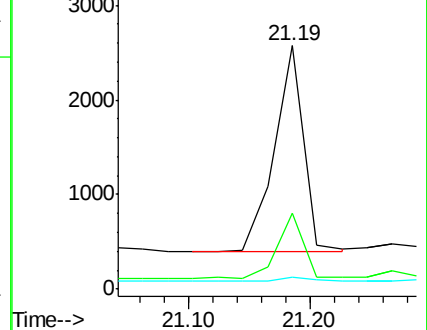
279 2.8 1.8 2.6#

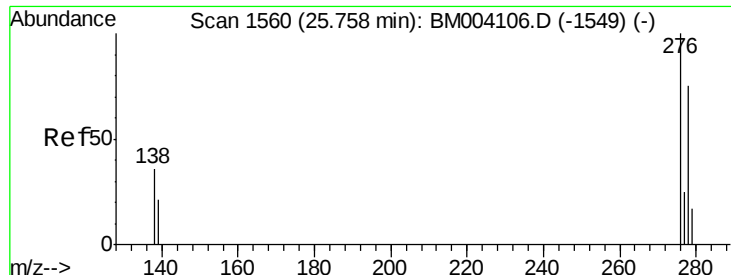


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BM004155.D

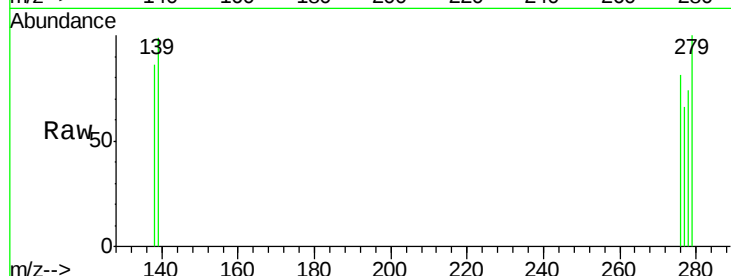
Acq: 29 Jan 2016 20:25

Instrument :

BNA_M

ClientSampleId :

EB-2016-01-27



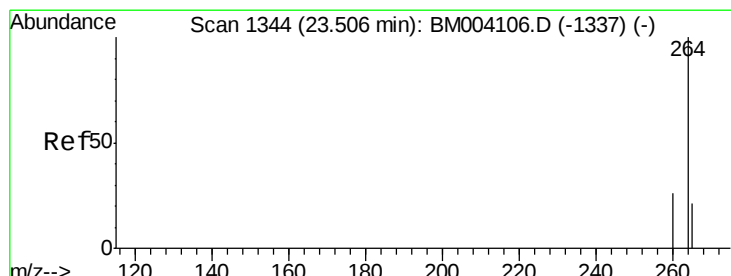
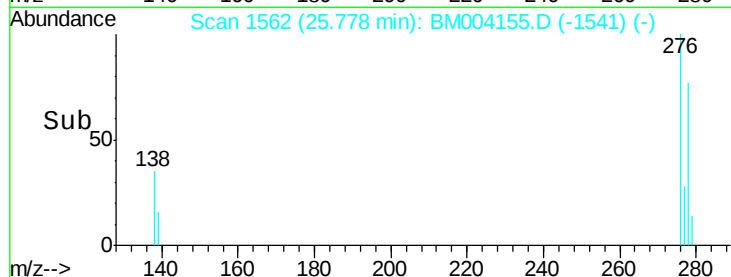
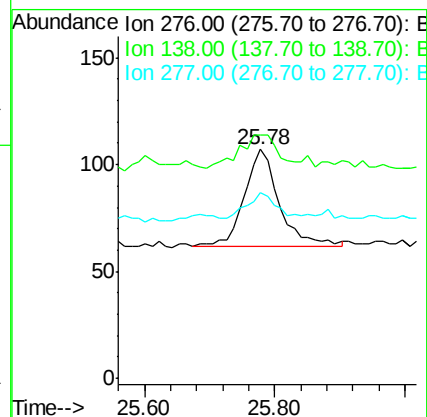
Tgt Ion:276 Resp: 166

Ion Ratio Lower Upper

276 100

138 39.8 30.2 45.2

277 24.1 19.8 29.8



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM004155.D

Acq: 29 Jan 2016 20:25

Tgt Ion:264 Resp: 132250

Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 20.9 16.7 25.1

