

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010916\
 Data File : BM003932.D
 Acq On : 10 Jan 2016 10:41
 Operator : SJ/UM
 Sample : PB87669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 00:43:16 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

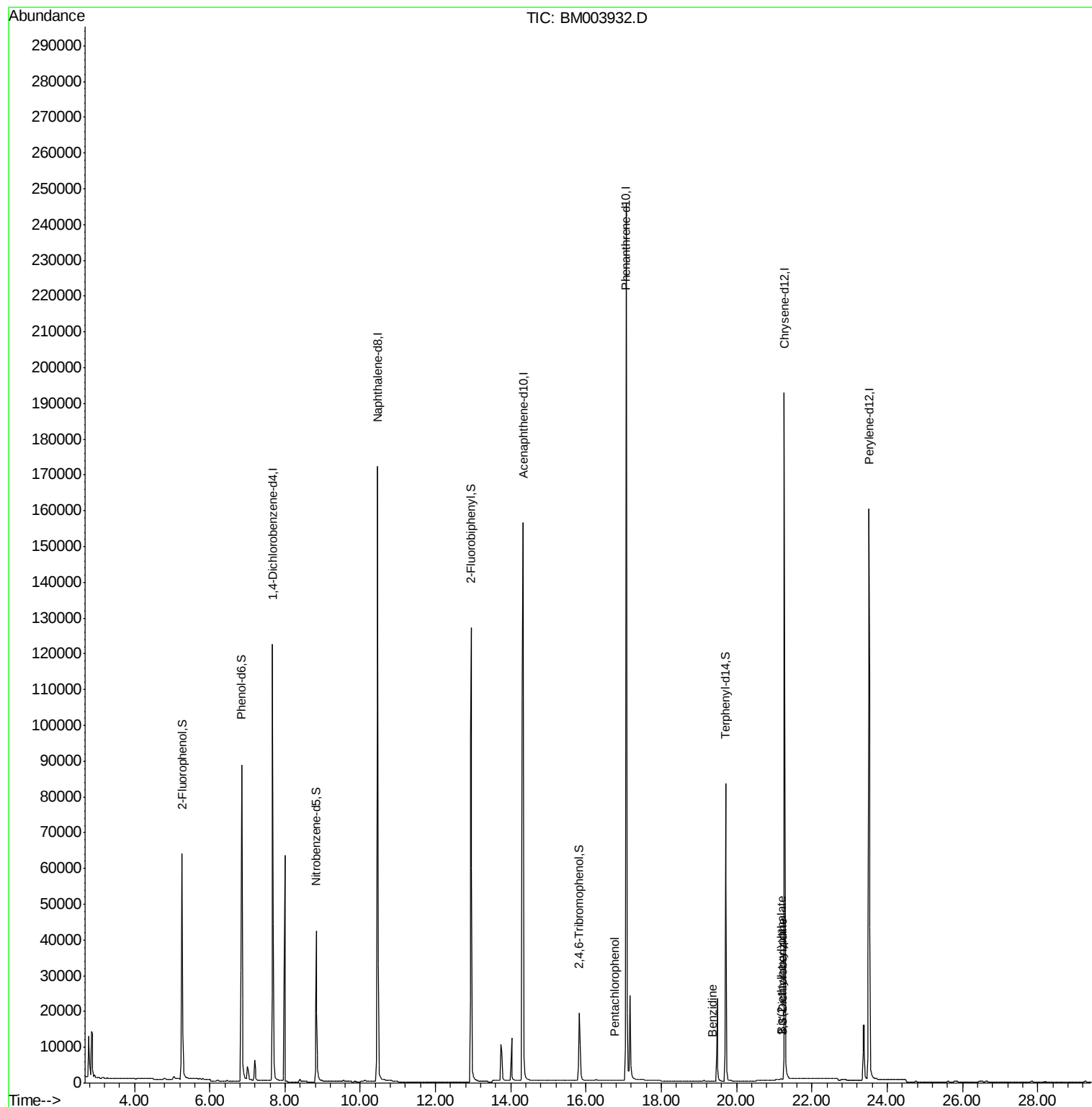
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	63700	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	269300	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	134953	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	360645	5.00	ng	0.00
26) Chrysene-d12	21.27	240	243091	5.00	ng	0.00
35) Perylene-d12	23.52	264	205495	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	75221	5.77	ng	0.00
5) Phenol-d6	6.85	99	104802	6.57	ng	0.00
8) Nitrobenzene-d5	8.83	82	44725	3.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	16227	4.12	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	135030	3.10	ng	0.00
29) Terphenyl-d14	19.71	244	117005	2.97	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.76	266	35	0.13	ng	# 69
23) Phenanthrene	17.11	178	380	Below Cal		# 77
27) Benzidine	19.36	184	123	0.13	ng	# 1
31) 3,3'-Dichlorobenzidine	21.23	252	118	0.24	ng	# 58
33) Bis(2-ethylhexyl)phthalate	21.19	149	330	0.36	ng	# 93

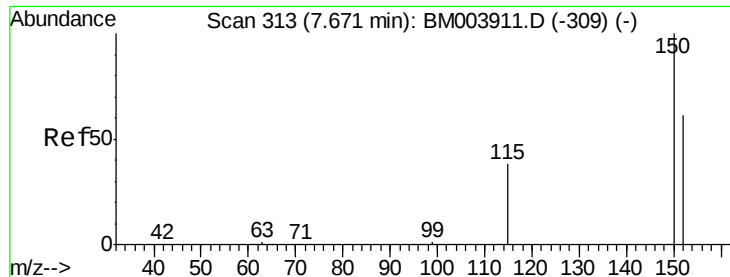
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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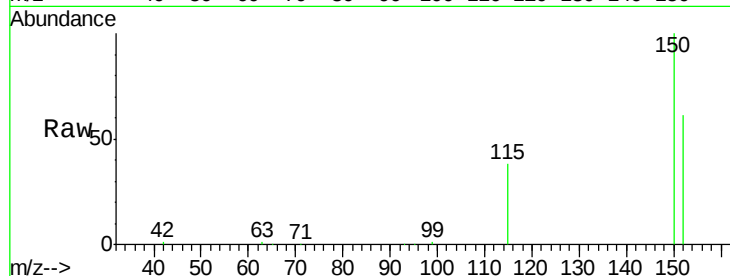


#1

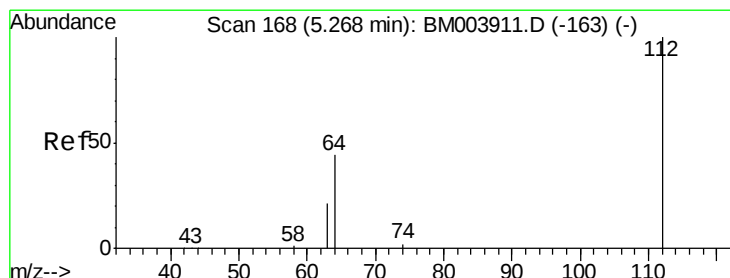
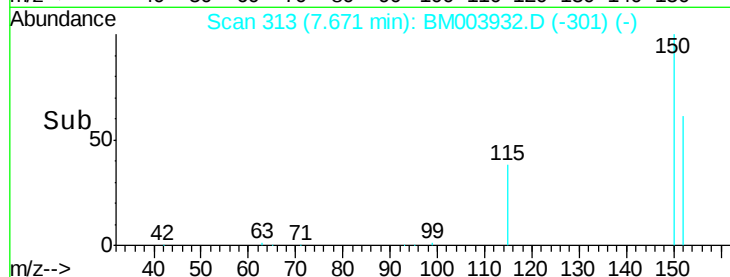
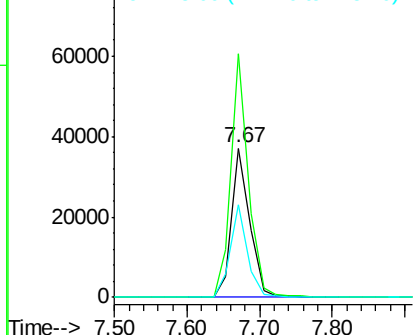
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 63700
Ion Ratio Lower Upper
152 100
150 163.0 122.9 184.3
115 61.6 44.4 66.6



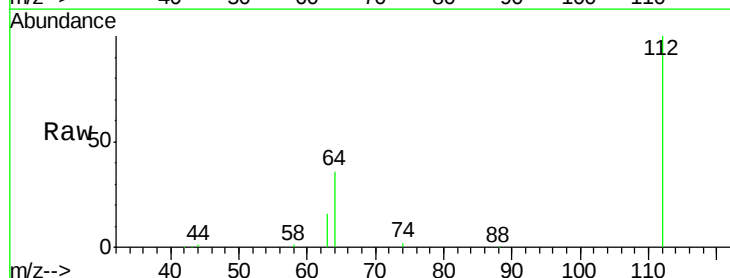
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



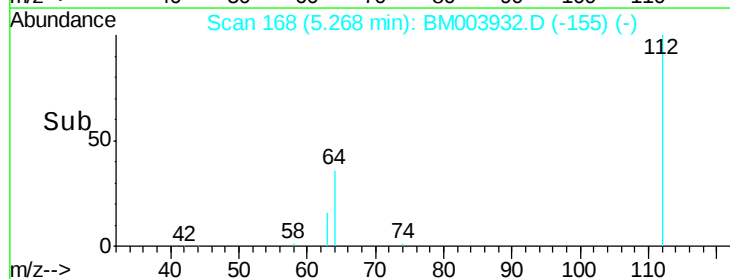
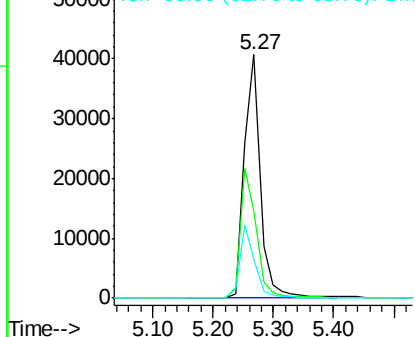
#4

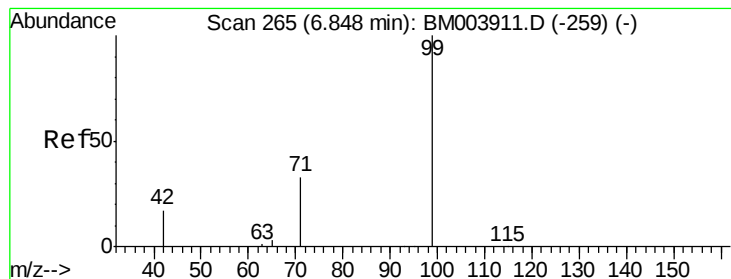
2-Fluorophenol
Concen: 5.77 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:112 Resp: 75221
Ion Ratio Lower Upper
112 100
64 52.9 41.8 62.8
63 27.8 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: 6.57 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

Instrument :

BNA_M

ClientSampleId :

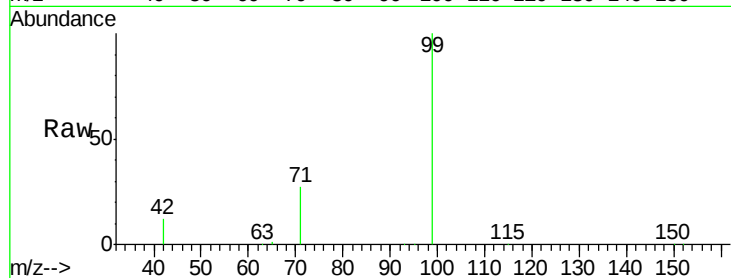
Tot Ion: 99 Resp: 104802

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

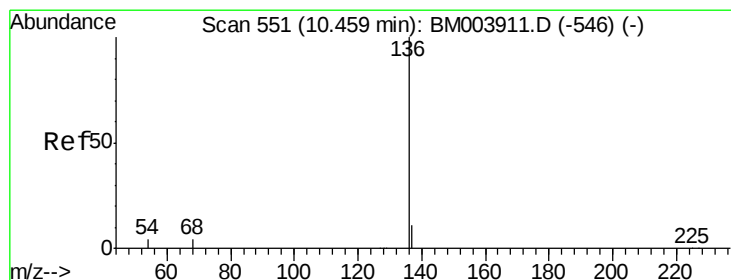
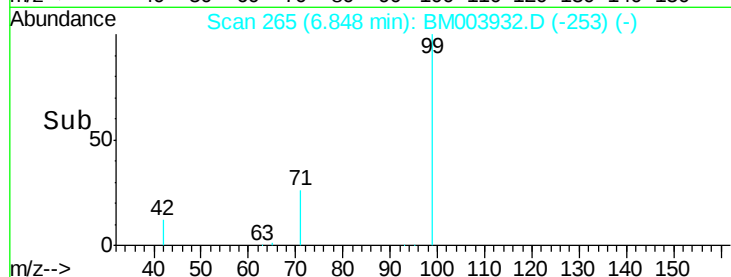
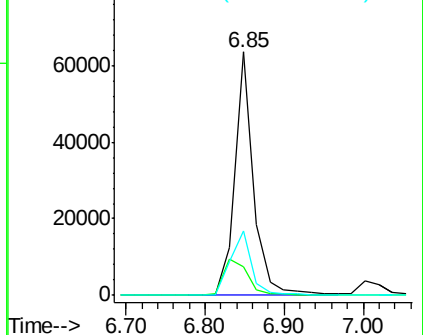
71 30.2 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003932.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM003932.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM003932.D (-253) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

Tgt Ion: 136 Resp: 269300

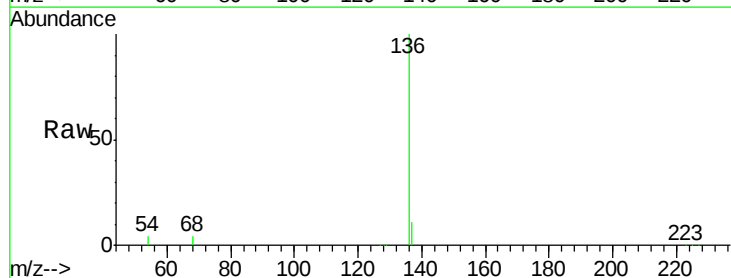
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.4 2.8 4.2#

68 3.7 2.5 3.7

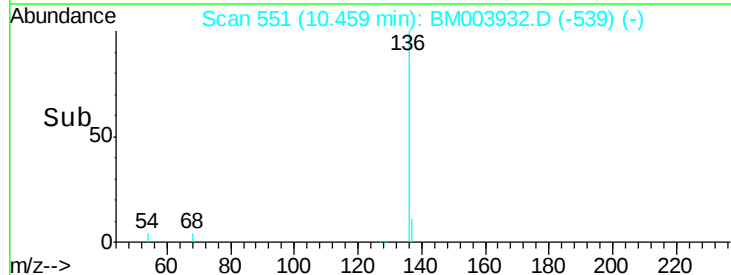
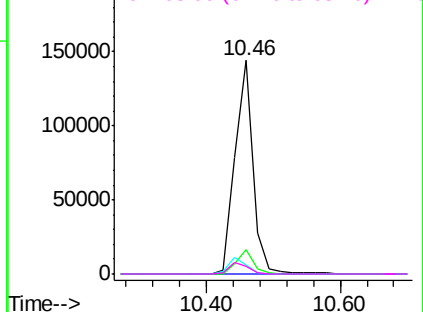


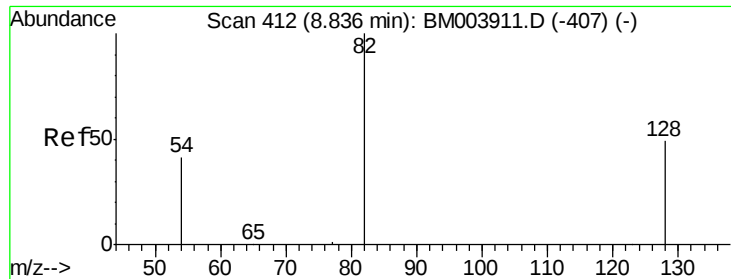
Abundance Ion 136.00 (135.70 to 136.70): BM003932.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM003932.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM003932.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM003932.D (-539) (-)





#8

Nitrobenzene-d5

Concen: 3.38 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

Instrument :

BNA_M

ClientSampleId :

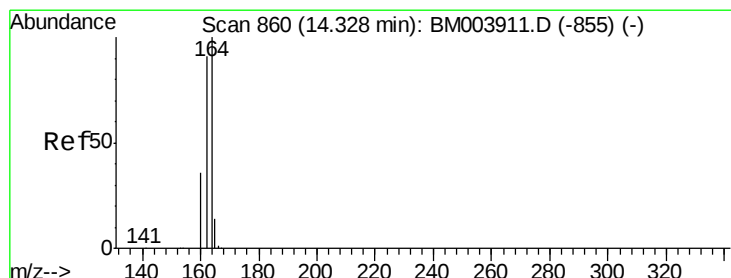
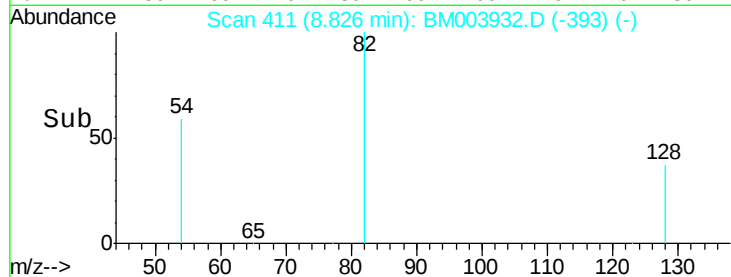
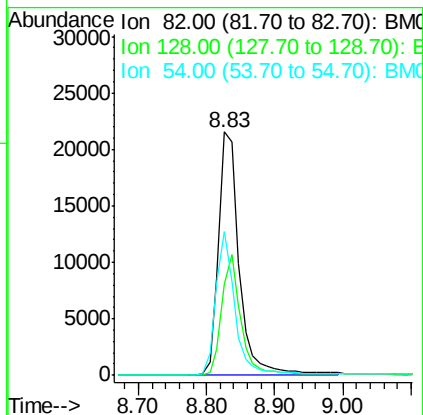
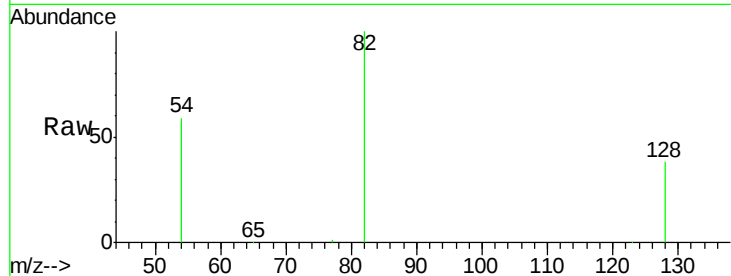
Tot Ion: 82 Resp: 44725

Ion Ratio Lower Upper

82 100

128 37.5 39.1 58.7#

54 59.1 34.8 52.2#



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

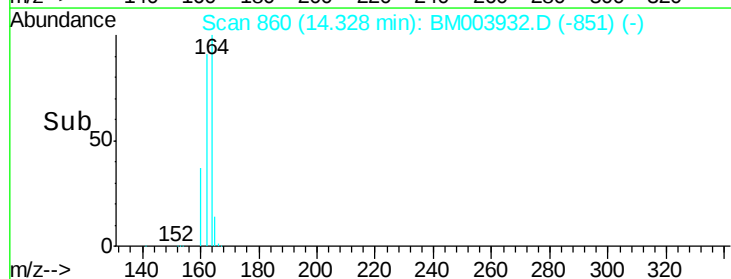
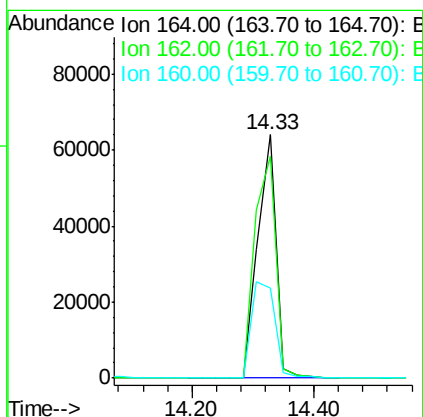
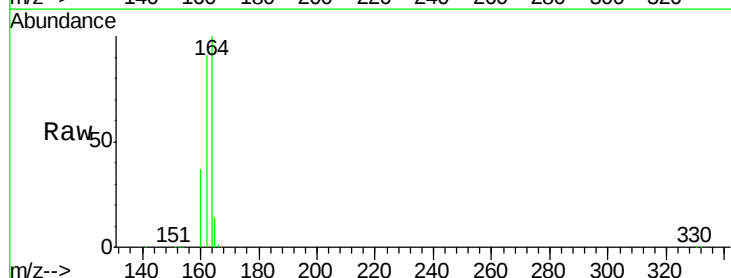
Tgt Ion: 164 Resp: 134953

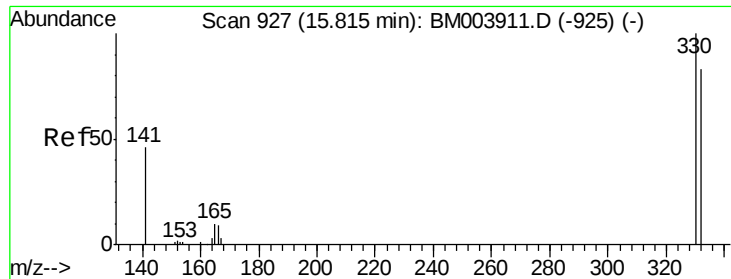
Ion Ratio Lower Upper

164 100

162 91.0 86.0 129.0

160 37.1 40.3 60.5#

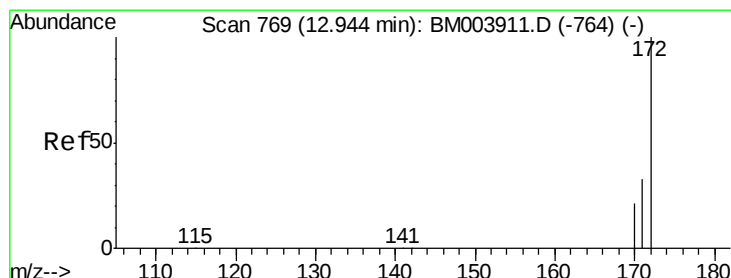
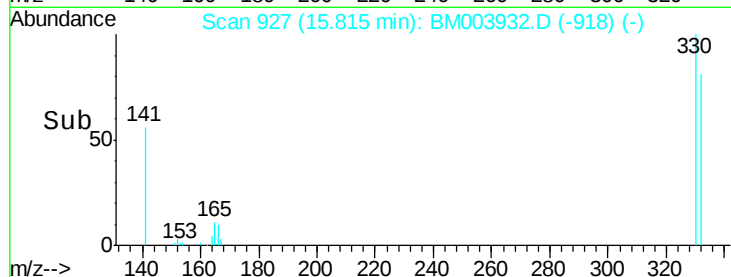
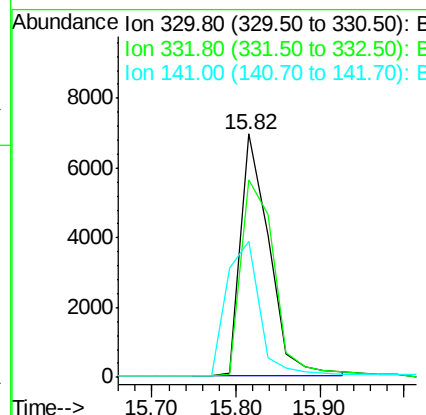
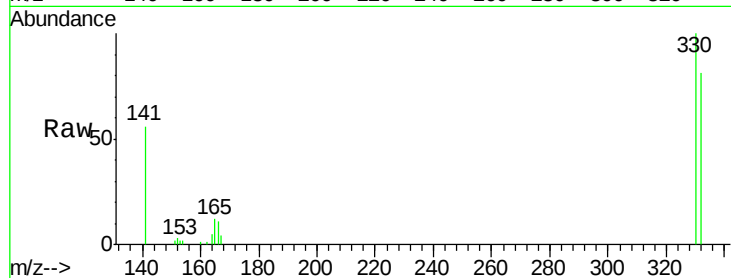




#14
 2,4,6-Tribromophenol
 Concen: 4.12 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM003932.D
 Acq: 10 Jan 2016 10:41

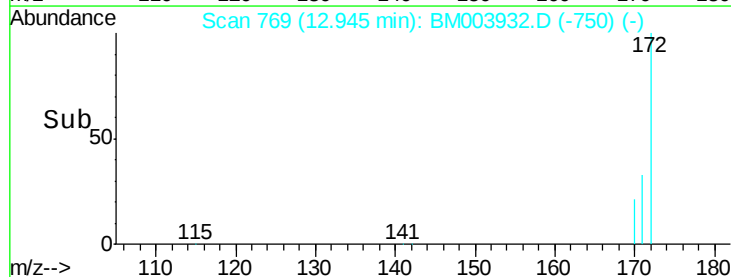
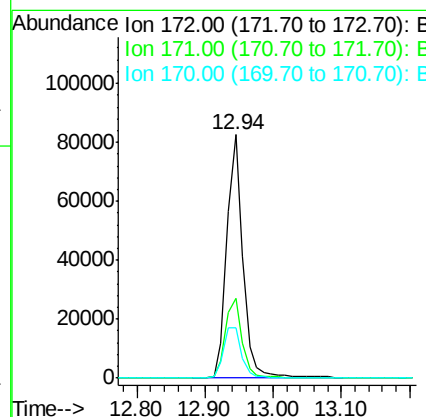
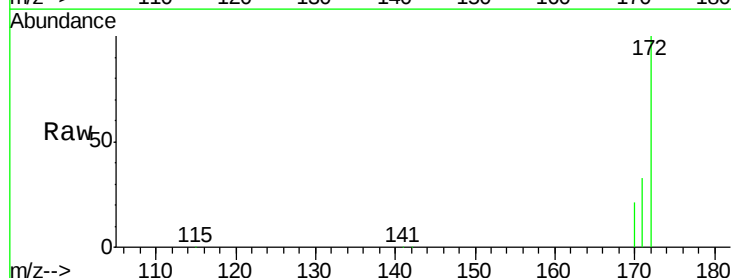
Instrument :
 BNA_M
 ClientSampleId :

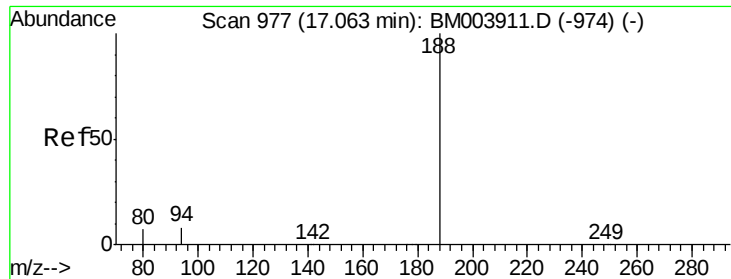
Tot Ion:330 Resp: 16227
 Ion Ratio Lower Upper
 330 100
 332 94.1 79.0 118.4
 141 64.6 0.0 0.0#



#15
 2-Fluorobiphenyl
 Concen: 3.10 ng
 RT: 12.94 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BM003932.D
 Acq: 10 Jan 2016 10:41

Tgt Ion:172 Resp: 135030
 Ion Ratio Lower Upper
 172 100
 171 32.7 27.0 40.6
 170 20.8 17.9 26.9

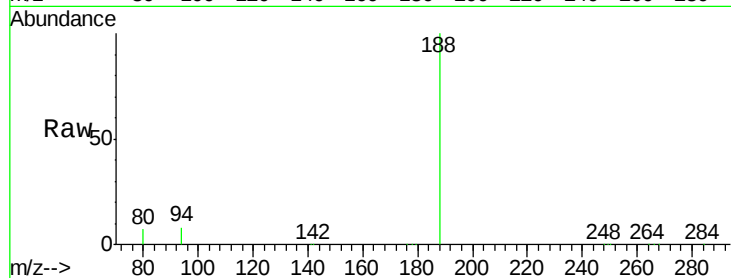




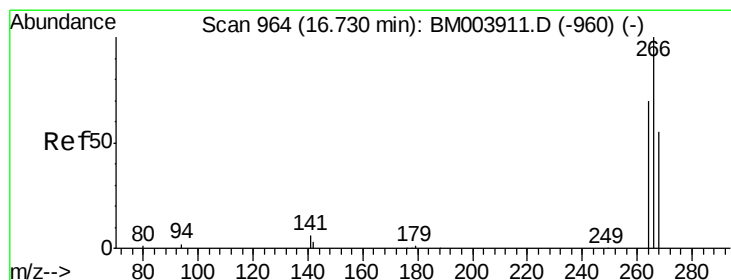
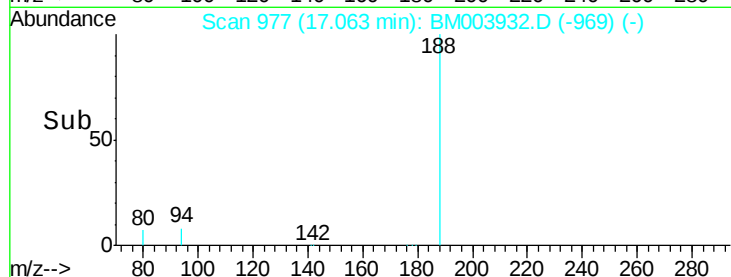
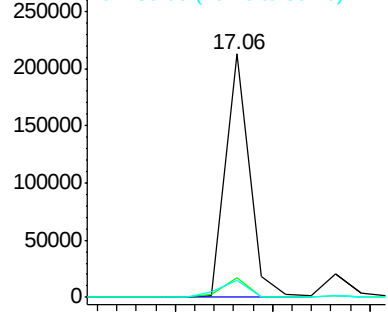
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 360645
Ion Ratio Lower Upper
188 100
94 7.8 20.3 30.5#
80 7.2 22.2 33.4#

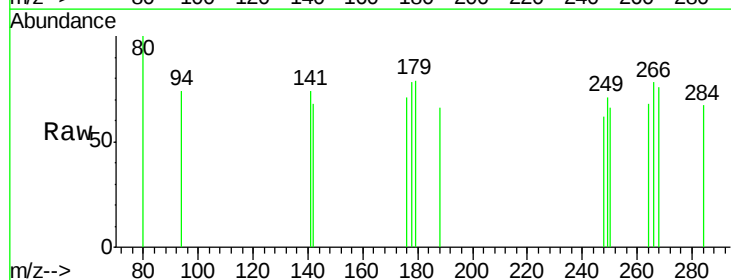


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

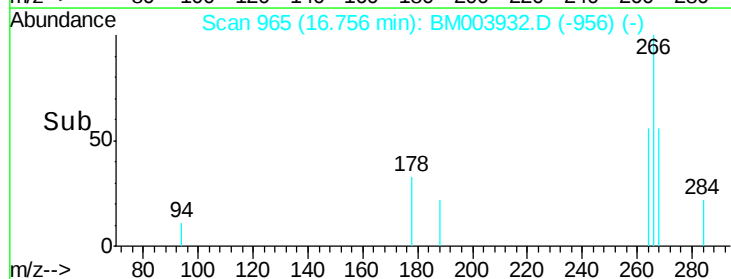
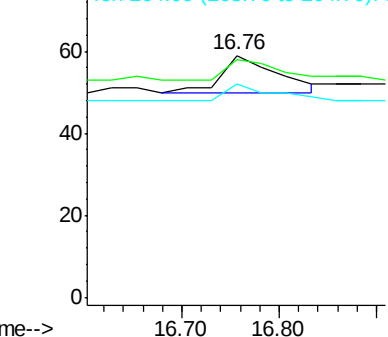


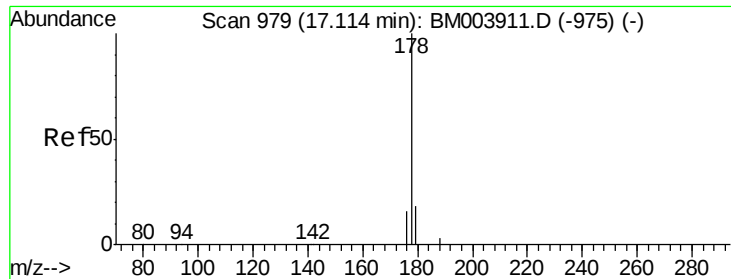
#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
268 98.3 62.7 94.1#
264 88.1 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

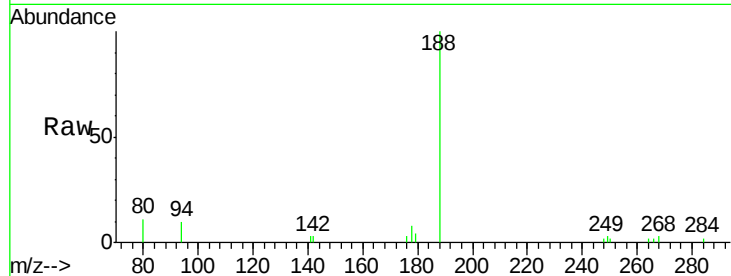




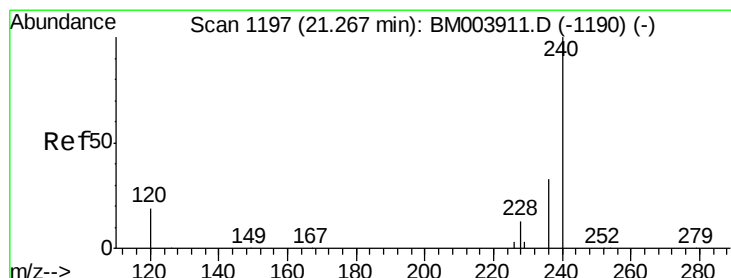
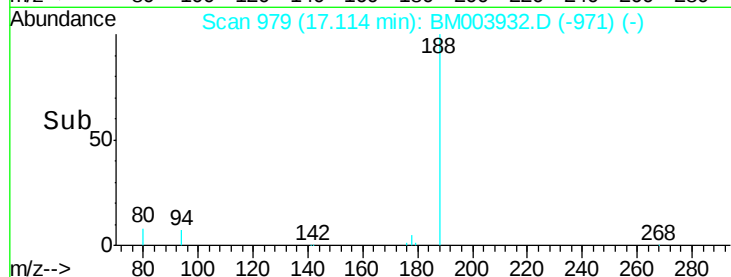
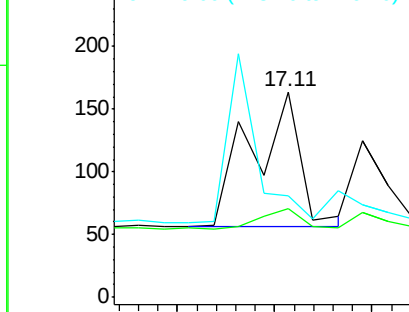
#23
Phenanthrene
Concen: Below Cal
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 380
Ion Ratio Lower Upper
178 100
176 13.7 15.4 23.0#
179 0.0 12.2 18.4#

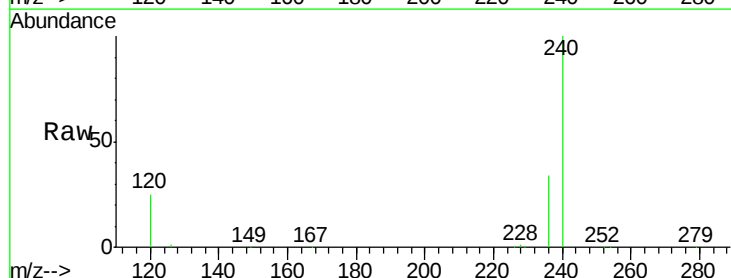


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

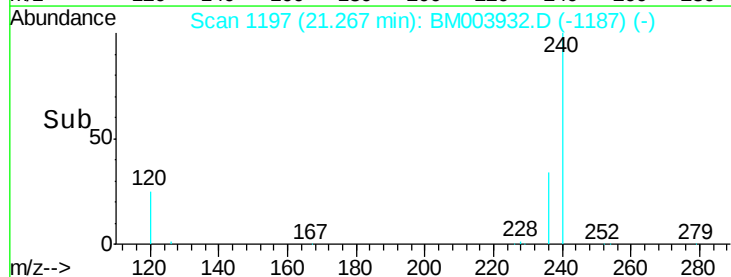
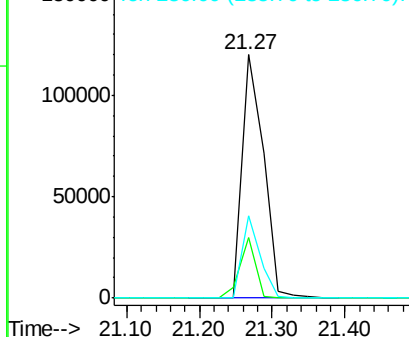


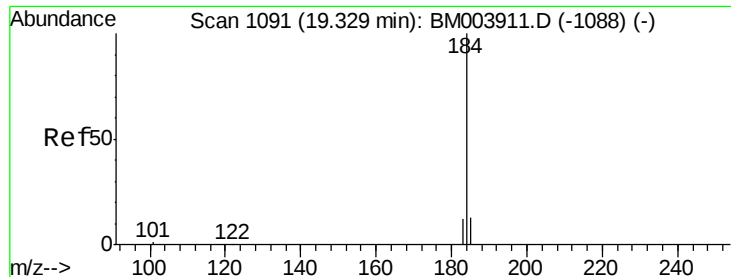
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003932.D
Acq: 10 Jan 2016 10:41

Tgt Ion:240 Resp: 243091
Ion Ratio Lower Upper
240 100
120 24.7 0.9 1.3#
236 34.0 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: 0.13 ng

RT: 19.36 min Scan# 1093

Delta R.T. 0.03 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

Instrument :

BNA_M

ClientSampleId :

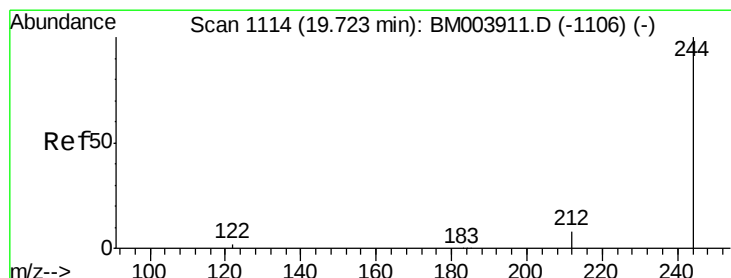
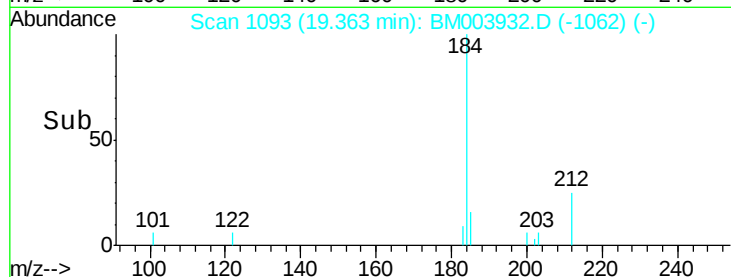
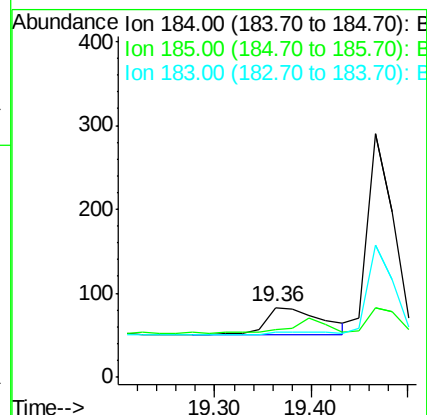
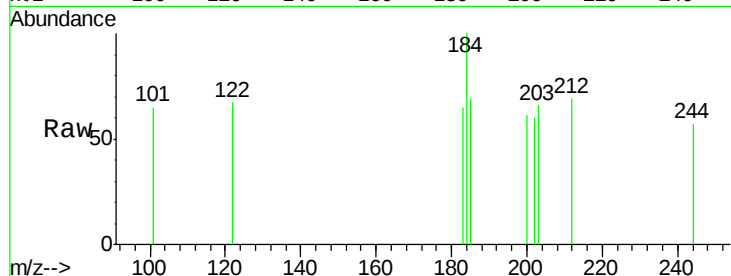
Tot Ion:184 Resp: 123

Ion Ratio Lower Upper

184 100

185 68.7 13.2 19.8#

183 65.1 9.0 13.6#



#29

Terphenyl-d14

Concen: 2.97 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

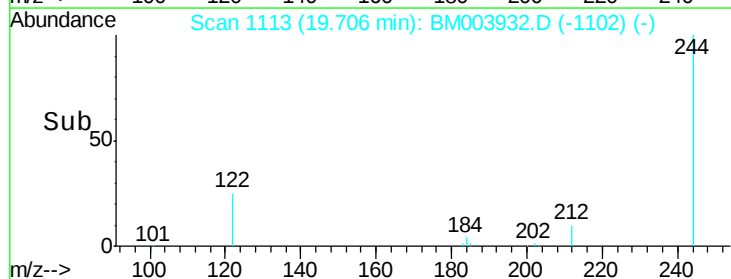
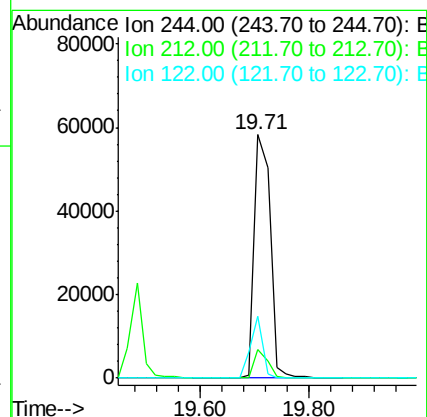
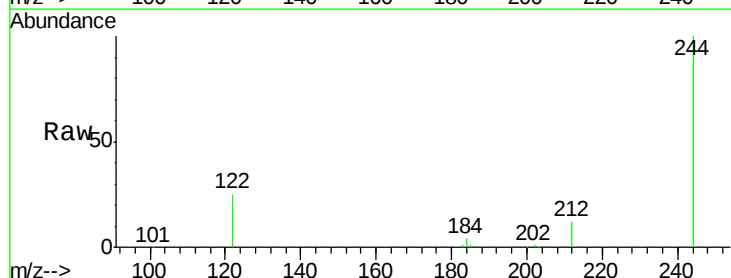
Tgt Ion:244 Resp: 117005

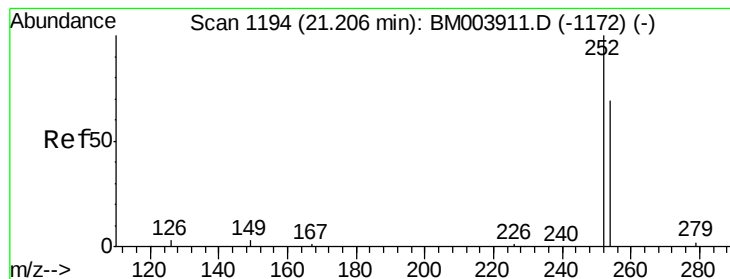
Ion Ratio Lower Upper

244 100

212 11.6 7.0 10.6#

122 25.2 3.0 4.6#





#31

3,3'-Dichlorobenzidine

Concen: 0.24 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.02 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

Instrument :

BNA_M

ClientSampleId :

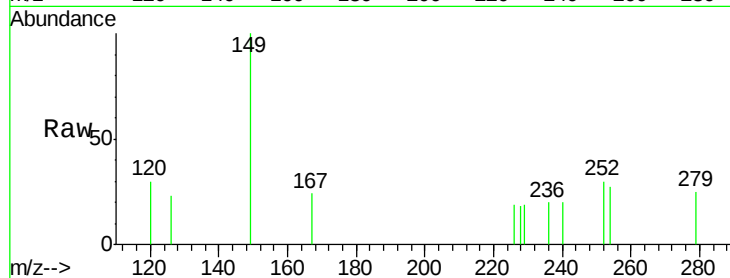
Tot Ion:252 Resp: 118

Ion Ratio Lower Upper

252 100

254 89.4 52.6 79.0#

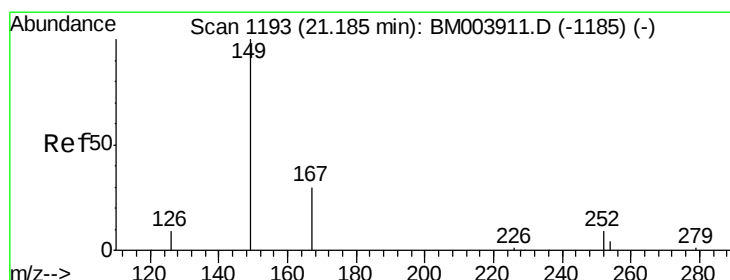
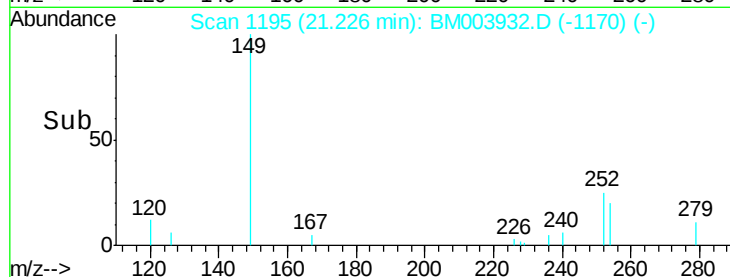
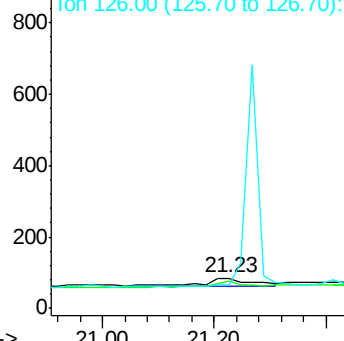
126 76.5 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

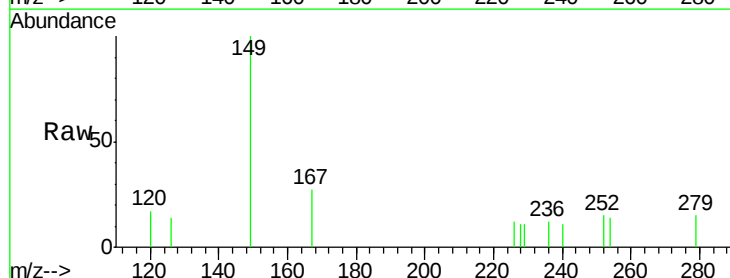
Tgt Ion:149 Resp: 330

Ion Ratio Lower Upper

149 100

167 28.8 20.1 30.1

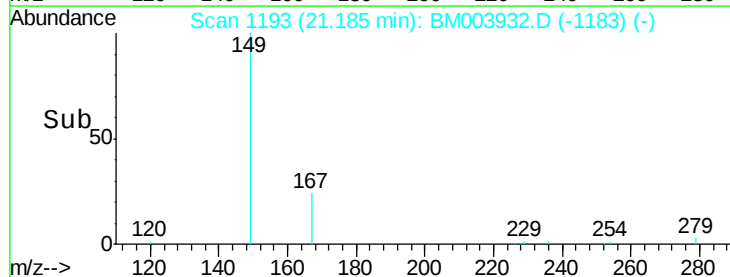
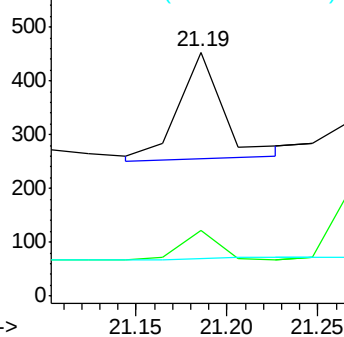
279 0.0 0.0 0.0

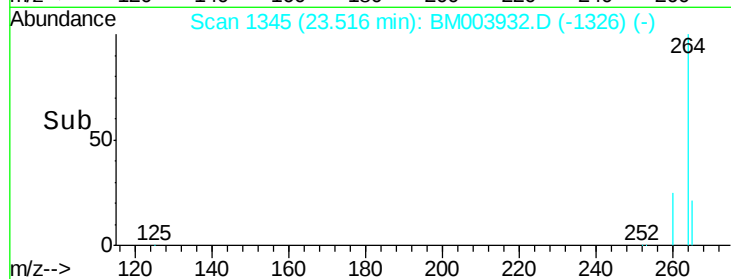
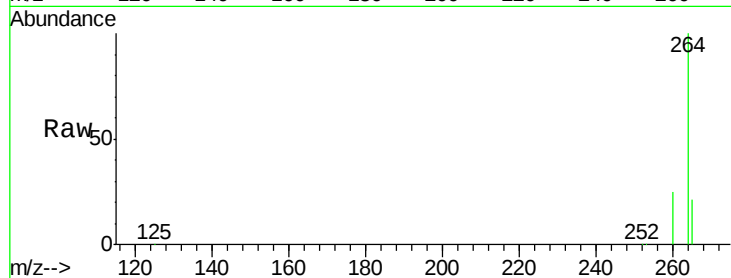
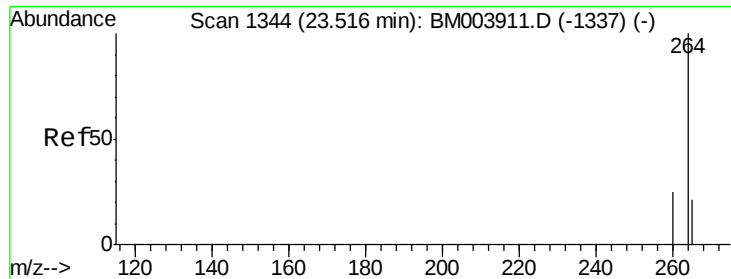


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BM003932.D

Acq: 10 Jan 2016 10:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 264 Resp: 205495

Ion Ratio Lower Upper

264 100

260 25.4 21.2 31.8

265 21.0 16.7 25.1

