

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120215\
 Data File : BM003365.D
 Acq On : 02 Dec 2015 20:35
 Operator : UM/IZ
 Sample : PB85645BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85645BL

Quant Time: Dec 03 00:19:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 16:19:00 2015
 Response via : Initial Calibration

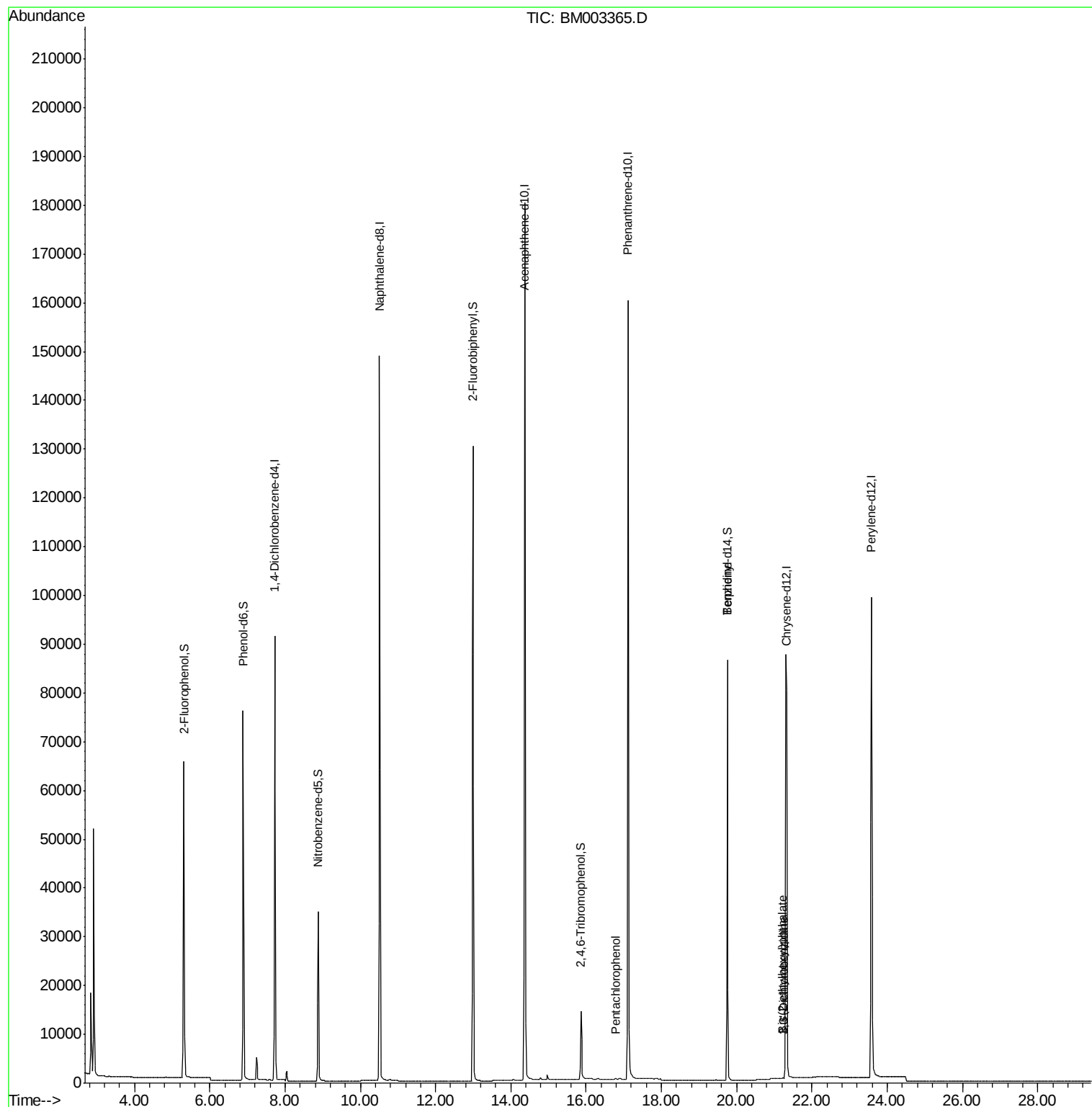
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	52685	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	208829	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	107846	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	238688	5.00	ng	0.00
26) Chrysene-d12	21.33	240	142747	5.00	ng	0.00
35) Perylene-d12	23.58	264	133473	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	72540	6.90	ng	0.00
5) Phenol-d6	6.88	99	89969	6.96	ng	0.00
8) Nitrobenzene-d5	8.88	82	33427	3.43	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	12834	4.67	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	125286	3.86	ng	0.00
29) Terphenyl-d14	19.76	244	94686	4.09	ng	0.00
Target Compounds						
21) Hexachlorobenzene	16.42	284	5	Below Cal	#	51
22) Pentachlorophenol	16.78	266	69	0.34 ng	#	70
27) Benzidine	19.76	184	2019	0.48 ng	#	80
31) 3,3'-Dichlorobenzidine	21.25	252	162	0.10 ng	#	79
33) Bis(2-ethylhexyl)phthalate	21.23	149	384	0.26 ng	#	73

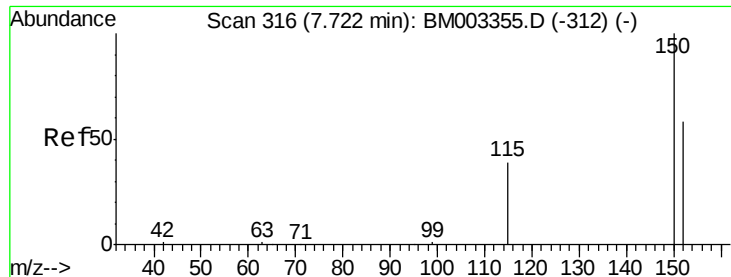
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 16:19:00 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

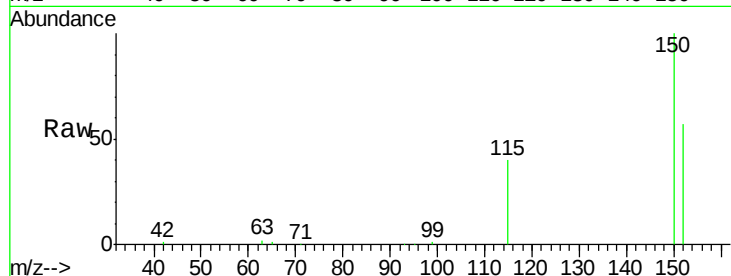
Tgt Ion:152 Resp: 52685

Ion Ratio Lower Upper

152 100

150 175.5 143.6 215.4

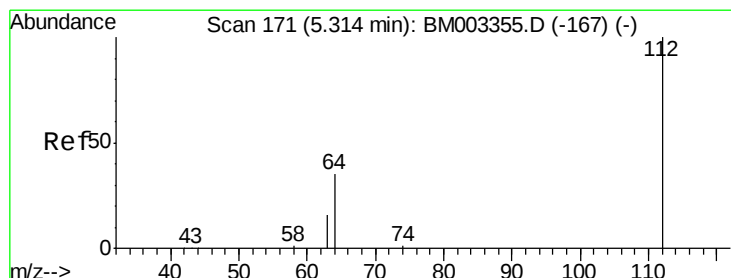
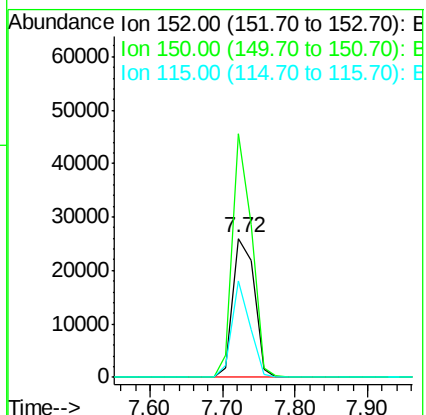
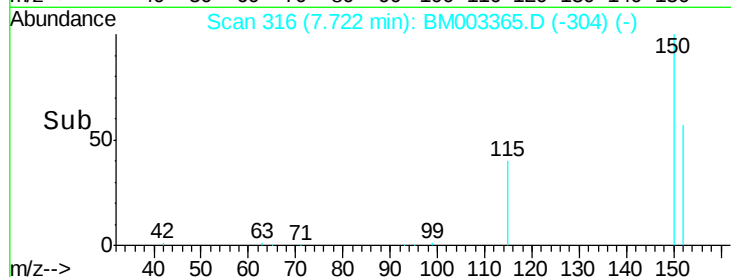
115 69.8 58.5 87.7



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: 6.90 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

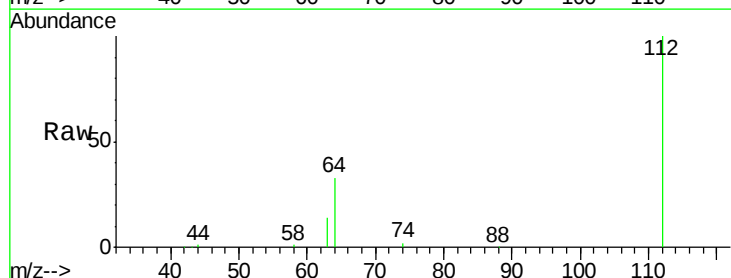
Tgt Ion:112 Resp: 72540

Ion Ratio Lower Upper

112 100

64 51.7 41.2 61.8

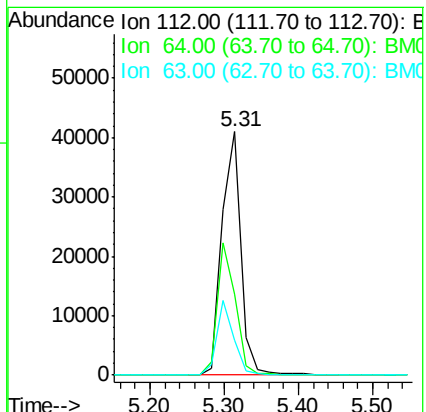
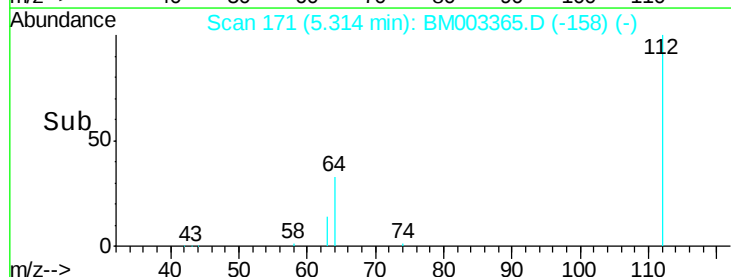
63 26.9 21.2 31.8

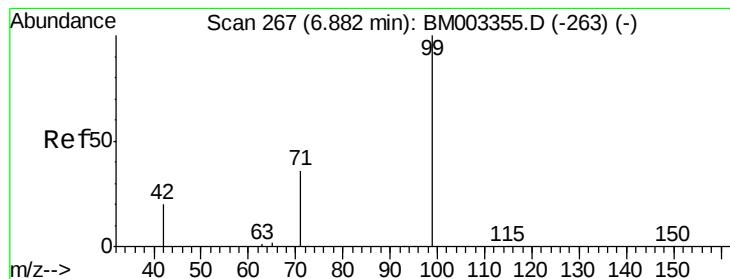


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 6.96 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

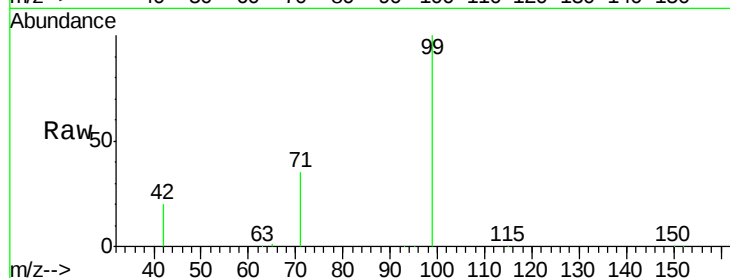
Tgt Ion: 99 Resp: 89969

Ion Ratio Lower Upper

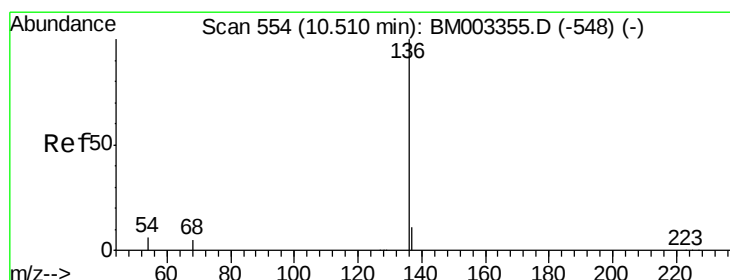
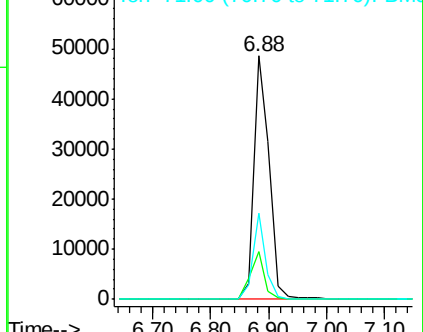
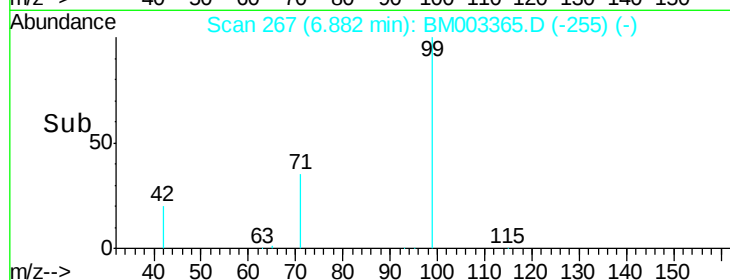
99 100

42 17.7 14.6 22.0

71 29.5 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003365.D (-255) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Tgt Ion: 136 Resp: 208829

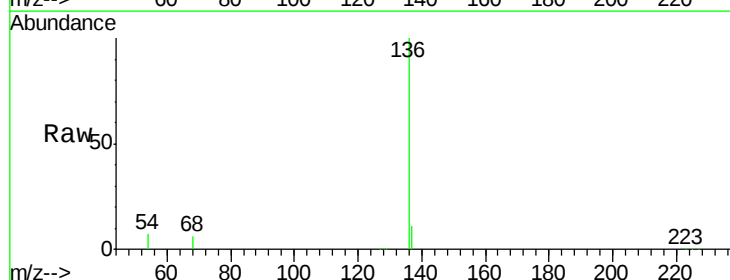
Ion Ratio Lower Upper

136 100

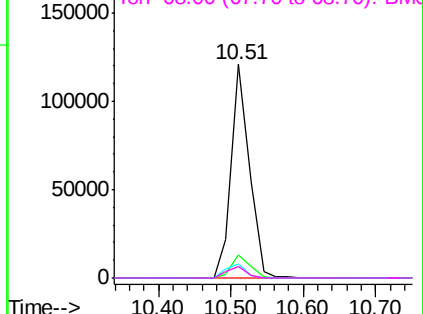
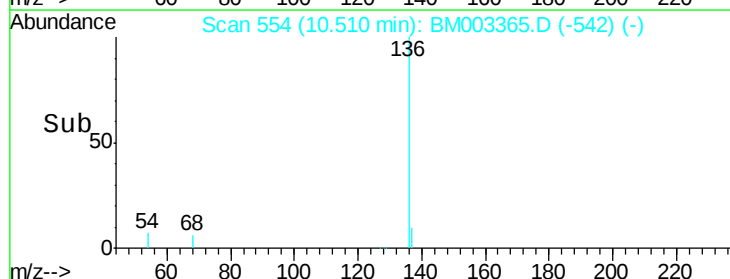
137 10.5 8.0 12.0

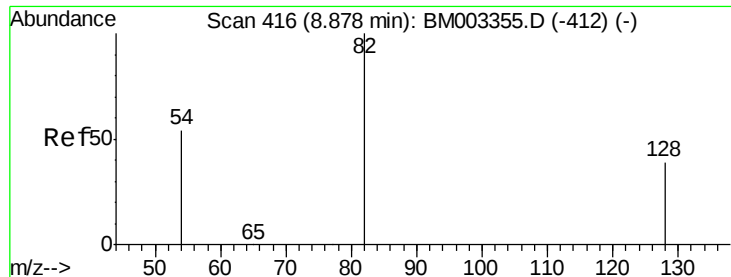
54 6.9 7.4 11.0#

68 5.6 5.8 8.6#



Abundance Ion 136.00 (135.70 to 136.70): BM003365.D (-542) (-)





#8

Nitrobenzene-d5

Concen: 3.43 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

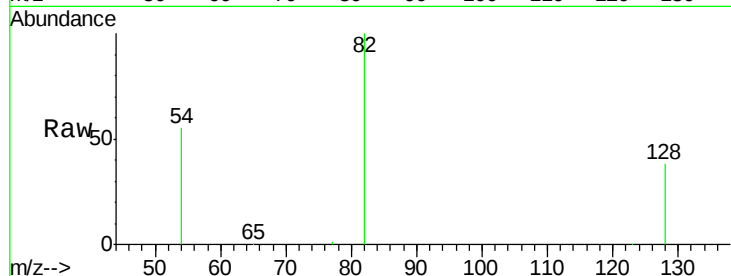
Tgt Ion: 82 Resp: 33427

Ion Ratio Lower Upper

82 100

128 37.8 35.2 52.8

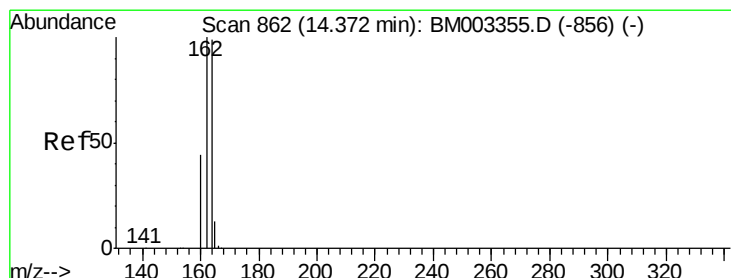
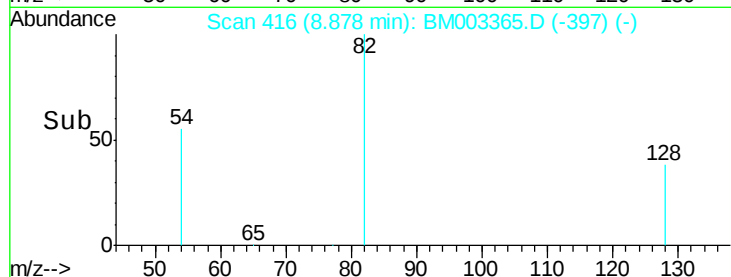
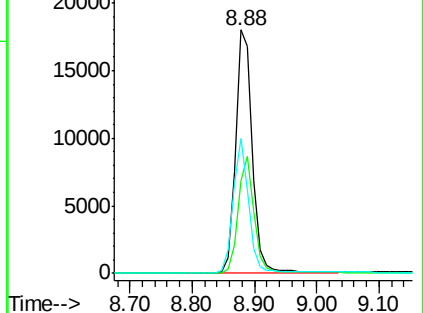
54 55.5 36.4 54.6#



Abundance Ion 82.00 (81.70 to 82.70): BM003365.D (-397) (-)

Ion 128.00 (127.70 to 128.70): BM003365.D (-397) (-)

Ion 54.00 (53.70 to 54.70): BM003365.D (-397) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

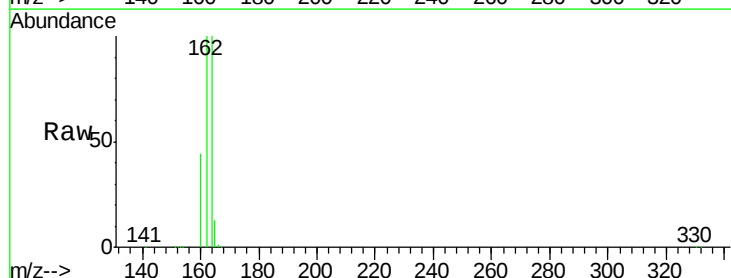
Tgt Ion: 164 Resp: 107846

Ion Ratio Lower Upper

164 100

162 99.7 78.3 117.5

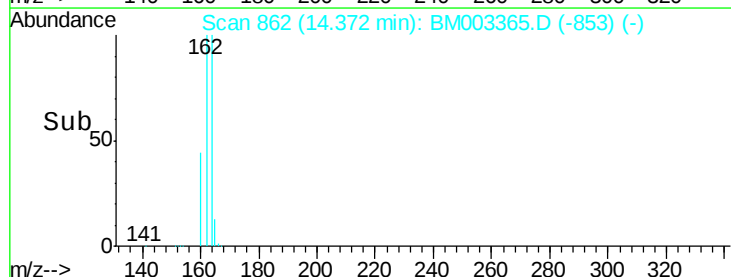
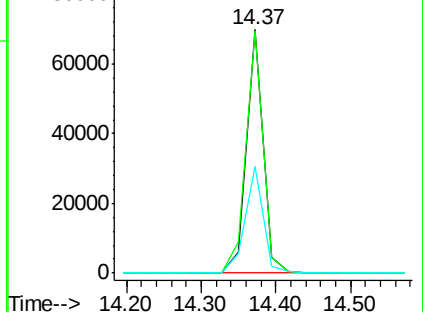
160 43.9 33.8 50.6

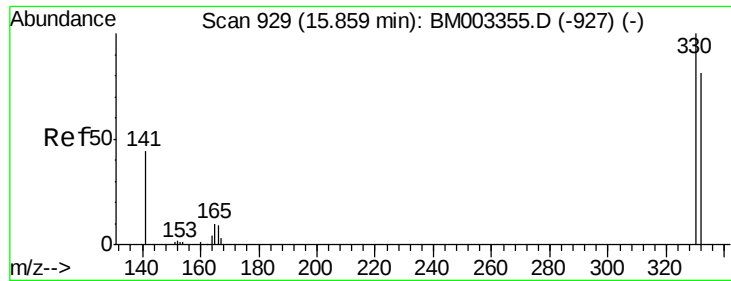


Abundance Ion 164.00 (163.70 to 164.70): BM003365.D (-853) (-)

Ion 162.00 (161.70 to 162.70): BM003365.D (-853) (-)

Ion 160.00 (159.70 to 160.70): BM003365.D (-853) (-)

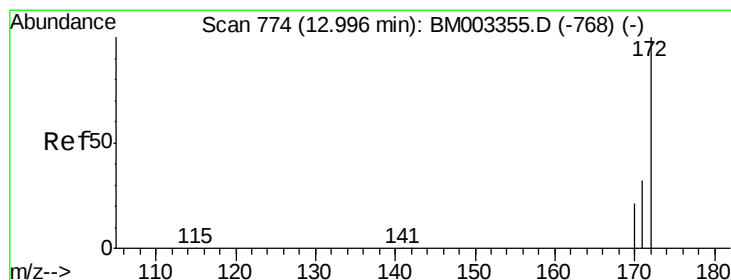
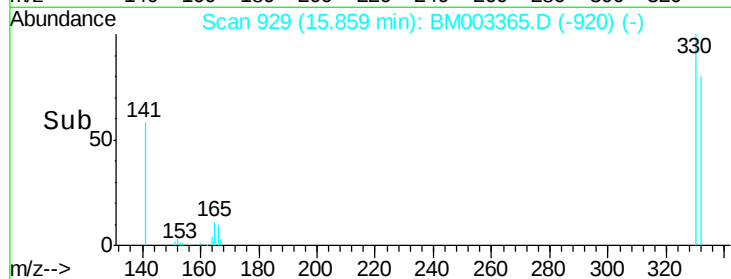
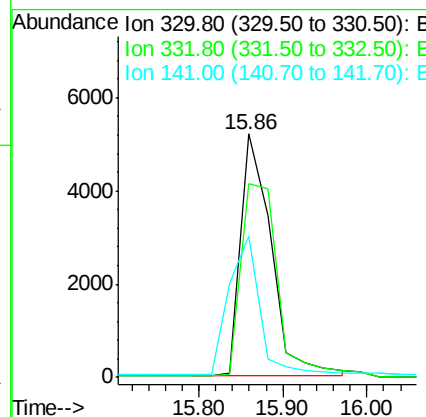
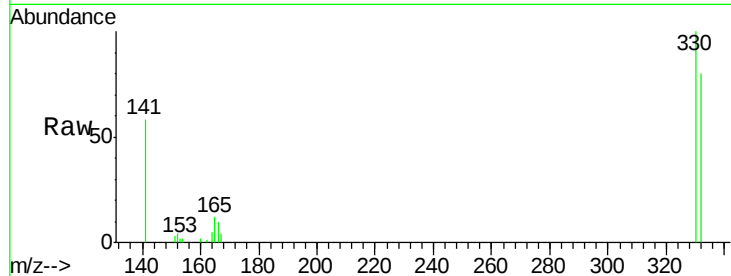




#14
 2,4,6-Tribromophenol
 Concen: 4.67 ng
 RT: 15.86 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM003365.D
 Acq: 02 Dec 2015 20:35

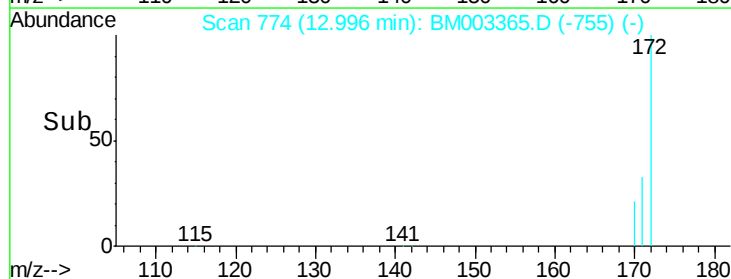
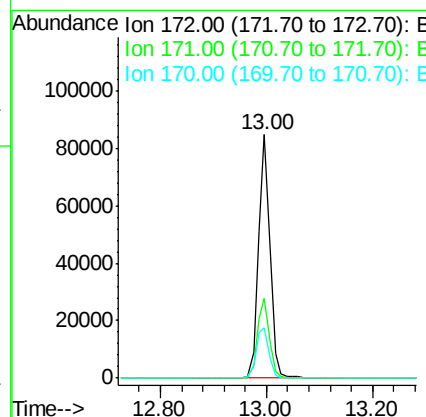
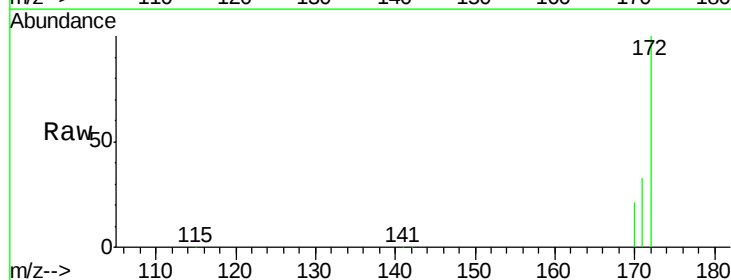
Instrument :
 BNA_M
 ClientSampleId :
 PB85645BL

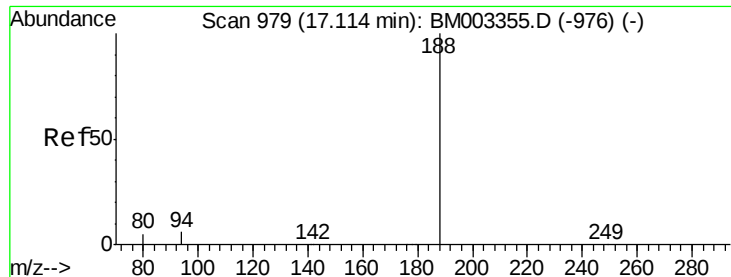
Tgt Ion:330 Resp: 12834
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.0 114.0
 141 58.9 0.0 0.0#



#15
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 13.00 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BM003365.D
 Acq: 02 Dec 2015 20:35

Tgt Ion:172 Resp: 125286
 Ion Ratio Lower Upper
 172 100
 171 32.7 28.0 42.0
 170 20.8 18.9 28.3

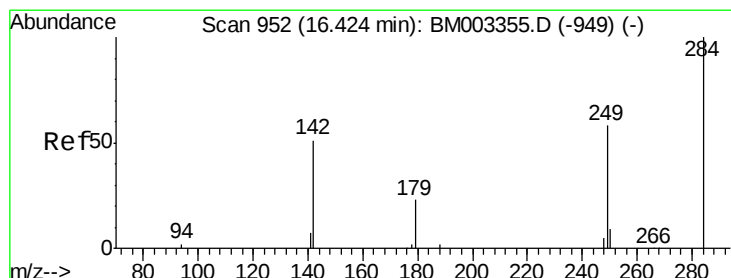
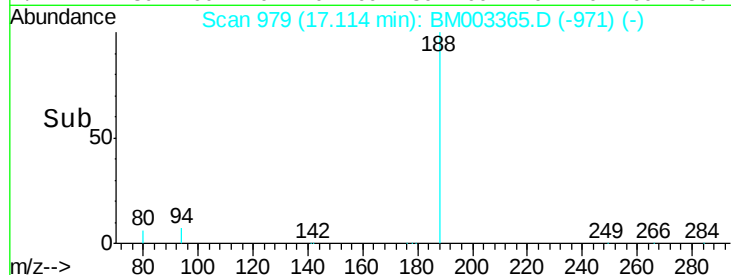
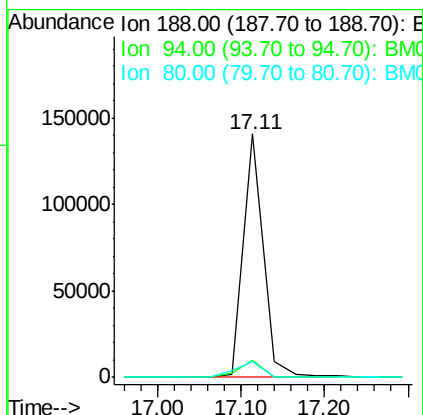
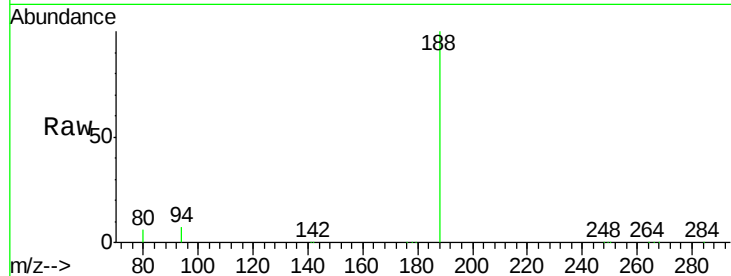




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

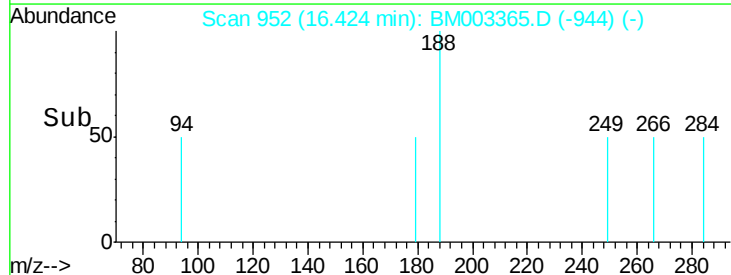
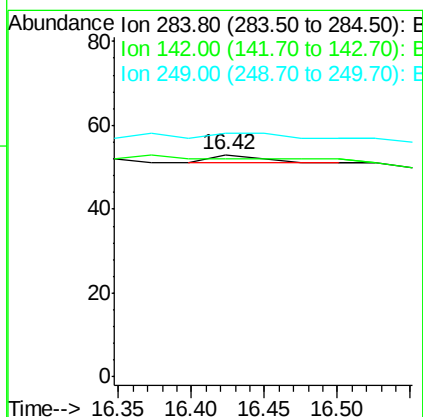
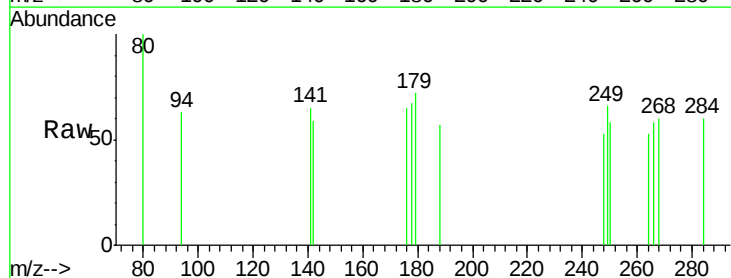
Instrument :
BNA_M
ClientSampleId :
PB85645BL

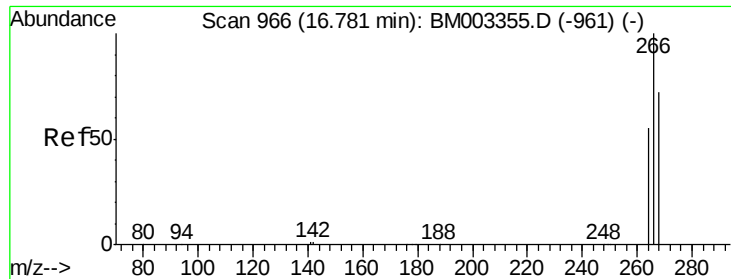
Tgt Ion:188 Resp: 238688
Ion Ratio Lower Upper
188 100
94 6.9 1.8 2.6#
80 6.2 1.4 2.0#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.42 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:284 Resp: 5
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 19.4 29.2#





#22

Pentachlorophenol

Concen: 0.34 ng

RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

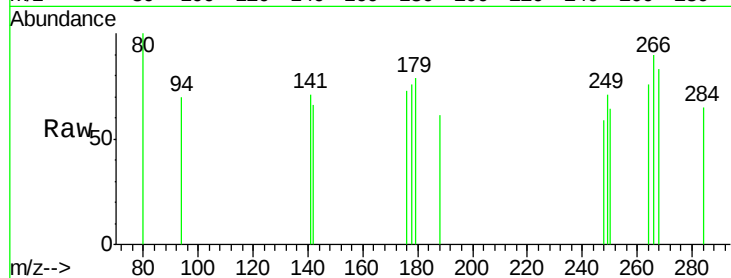
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

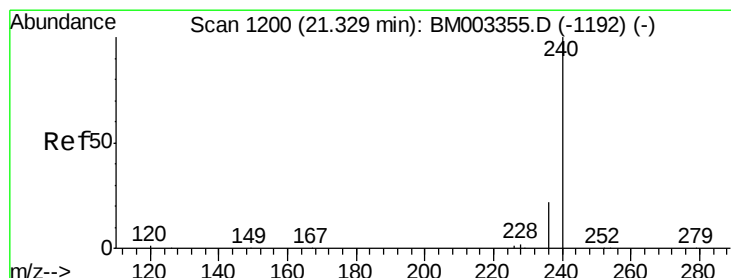
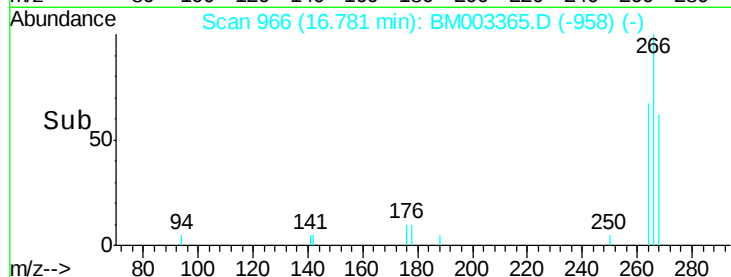
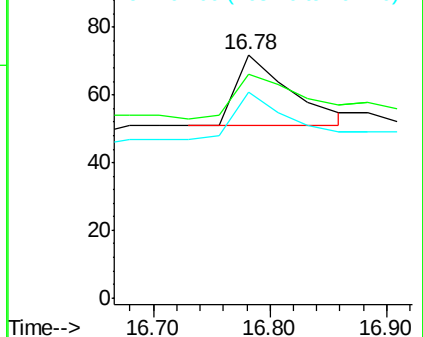
266 100

268 91.7 45.8 68.8#

264 84.7 56.7 85.1



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

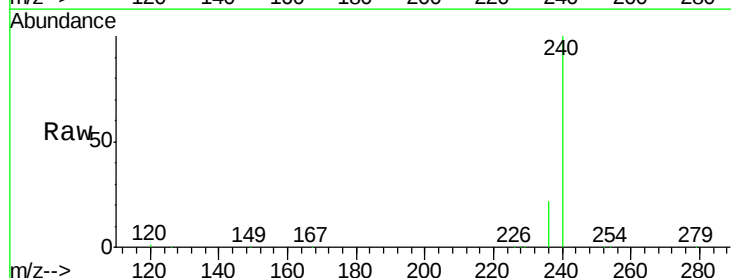
Tgt Ion:240 Resp: 142747

Ion Ratio Lower Upper

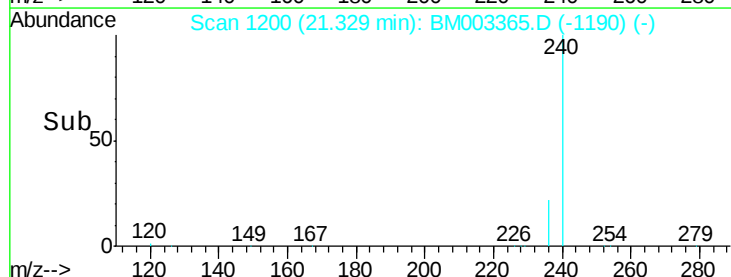
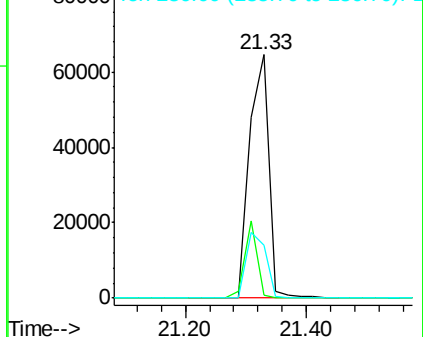
240 100

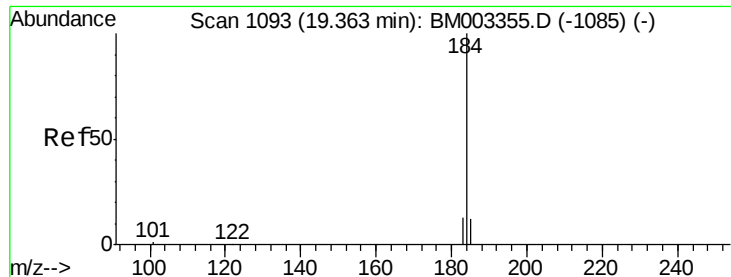
120 1.4 1.0 1.4

236 21.8 17.9 26.9



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: 0.48 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.40 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

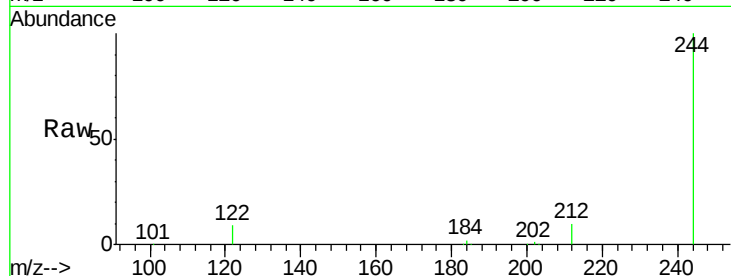
Tgt Ion:184 Resp: 2019

Ion Ratio Lower Upper

184 100

185 23.3 11.6 17.4#

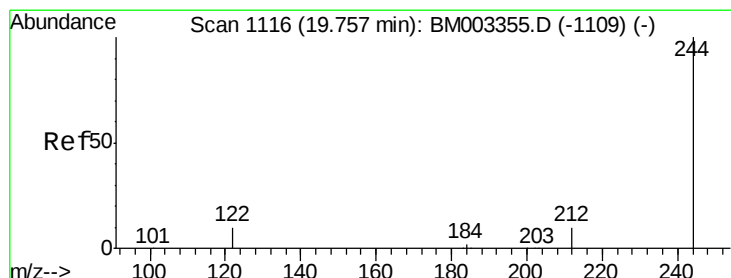
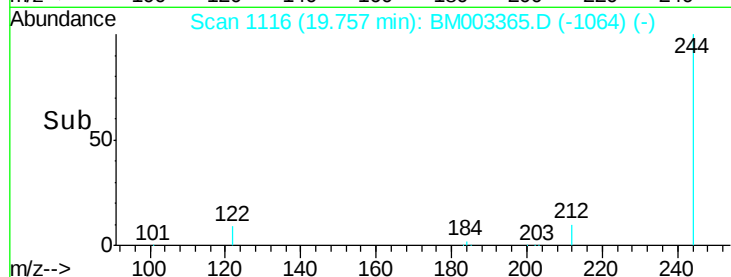
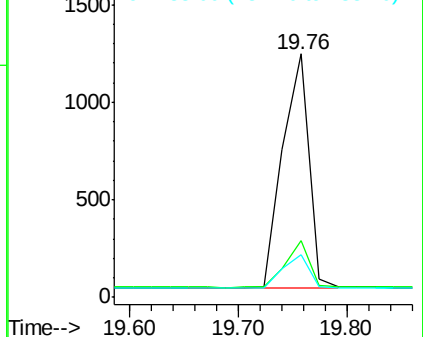
183 17.6 8.6 13.0#



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: 4.09 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

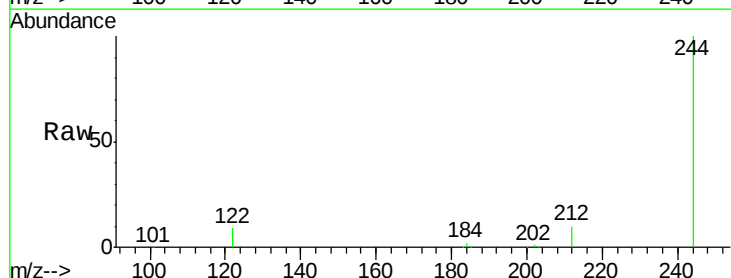
Tgt Ion:244 Resp: 94686

Ion Ratio Lower Upper

244 100

212 10.2 6.5 9.7#

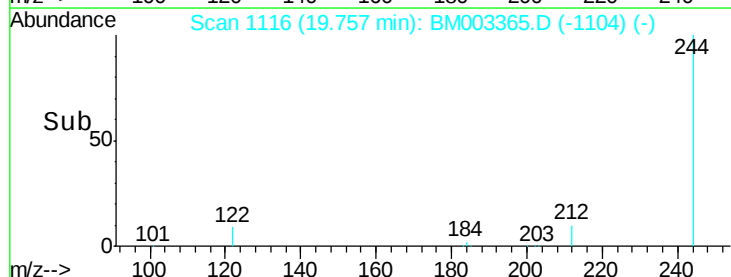
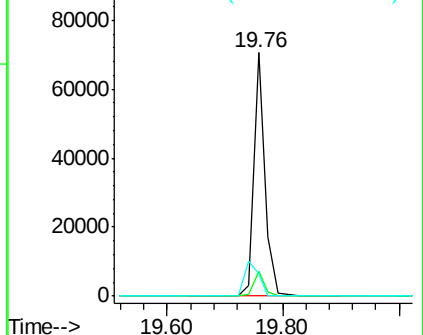
122 9.1 2.0 3.0#

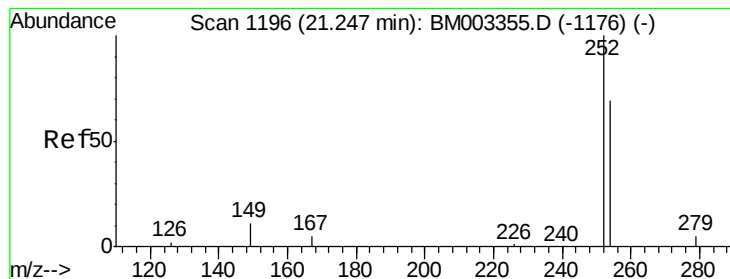


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.10 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

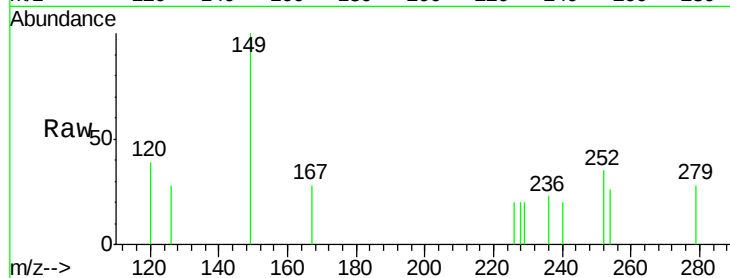
Tgt Ion: 252 Resp: 162

Ion Ratio Lower Upper

252 100

254 75.0 53.7 80.5

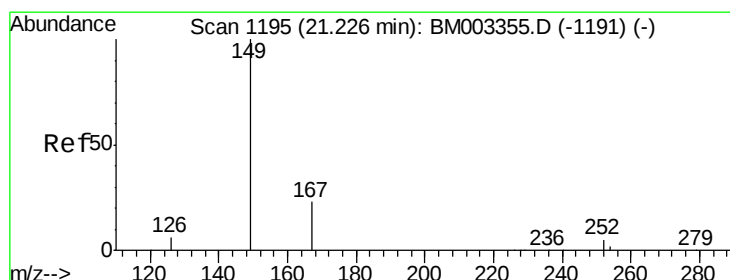
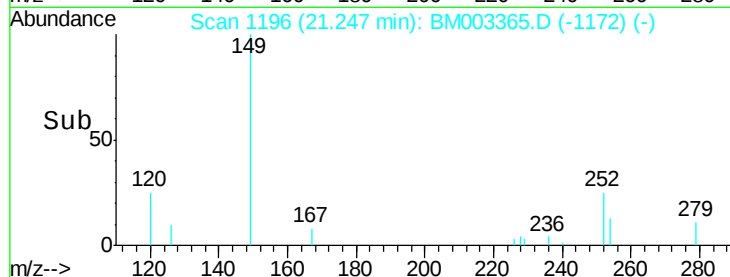
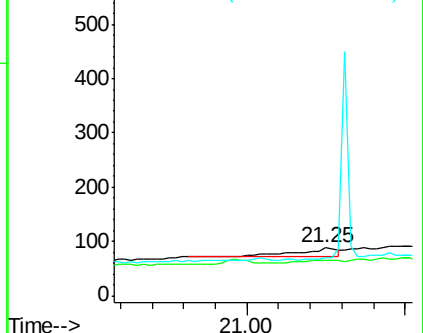
126 79.5 2.8 4.2#



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: 0.26 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

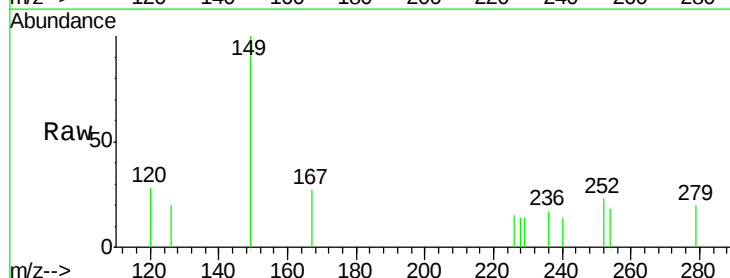
Tgt Ion: 149 Resp: 384

Ion Ratio Lower Upper

149 100

167 11.2 19.6 29.4#

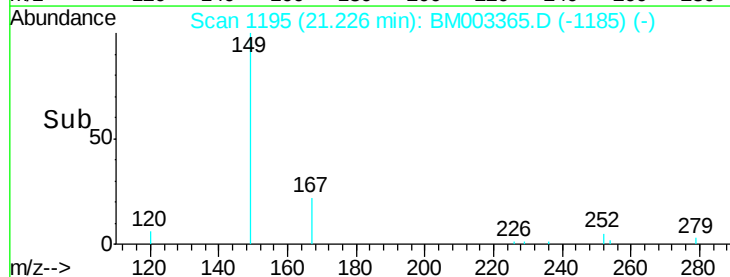
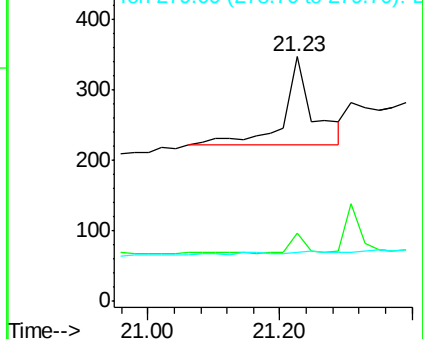
279 0.0 0.0 0.0

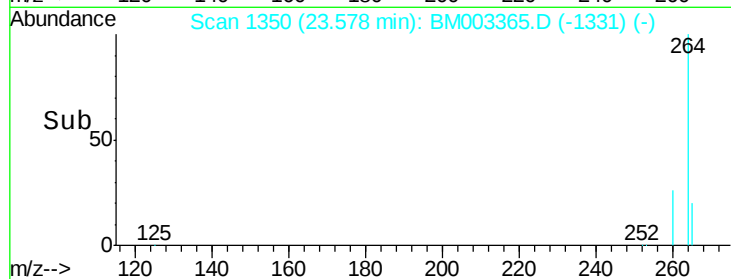
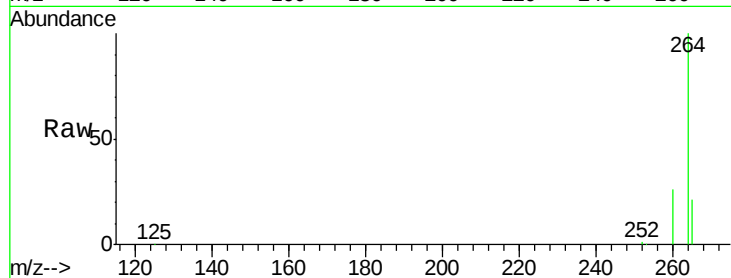
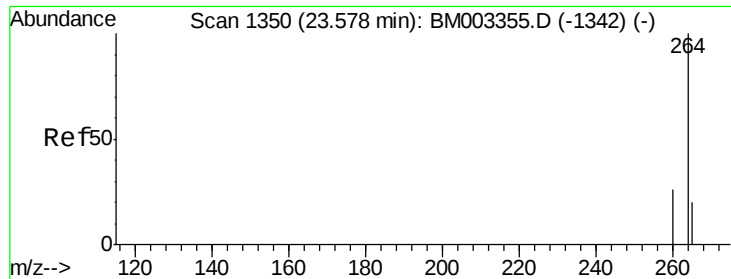


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.58 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM003365.D

Acq: 02 Dec 2015 20:35

Instrument :

BNA_M

ClientSampleId :

PB85645BL

Tgt Ion: 264 Resp: 133473

Ion Ratio Lower Upper

264 100

260 26.1 19.6 29.4

265 21.0 18.4 27.6

