

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001139.D
 Acq On : 01 May 2015 20:09
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: May 02 01:47:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 02 01:33:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17058	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	70519	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	40300	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	90379	5.00	ng	0.00
24) Chrysene-d12	21.15	240	77362	5.00	ng	0.00
30) Perylene-d12	23.30	264	61541	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	34972	9.68	ng/uL	-0.02
5) Phenol-d6	6.71	99	47399	9.70	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	48601	12.55	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	19825	9.99	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	133571	9.98	ng	0.00
26) Terphenyl-d14	19.59	244	117798	11.20	ng	0.00

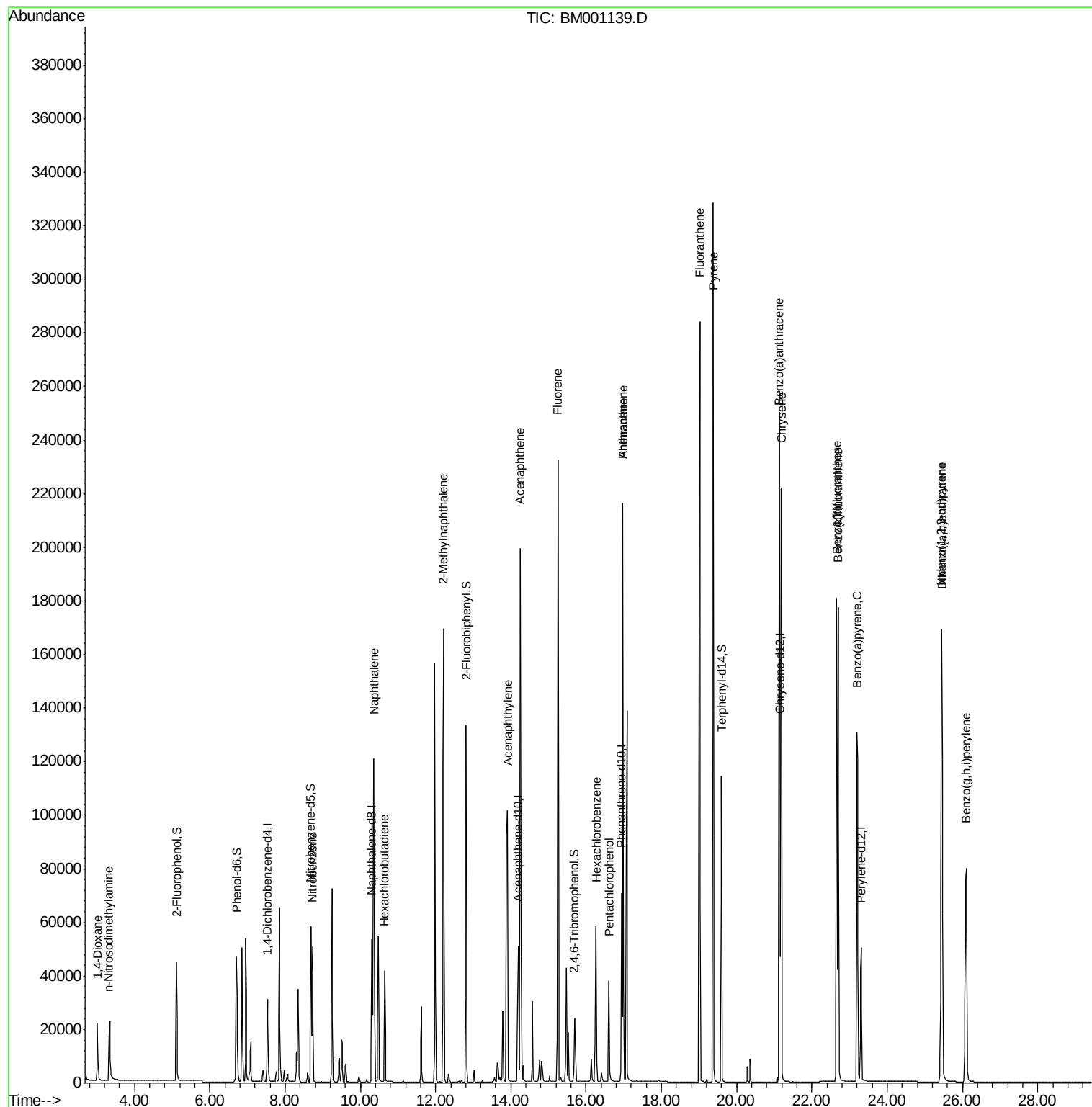
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	13944	7.44	ng	# 74
3) n-Nitrosodimethylamine	3.32	42	23571	12.04	ng	# 97
8) Nitrobenzene	8.73	77	53236	9.82	ng/uL	94
9) Naphthalene	10.36	128	156731	9.44	ng	99
10) Hexachlorobutadiene	10.65	225	29516	9.68	ng/uL	100
11) 2-Methylnaphthalene	12.21	142	112338	10.33	ng	91
15) Acenaphthylene	13.91	152	196807	10.89	ng	# 100
16) Acenaphthene	14.24	154	121908	9.82	ng	95
17) Fluorene	15.24	166	148634	10.31	ng	99
19) Hexachlorobenzene	16.26	284	51275	10.25	ng	# 100
20) Pentachlorophenol	16.61	266	26084	18.28	ng	96
21) Phenanthrene	16.98	178	236085	9.87	ng	100
22) Anthracene	16.98	178	236085	10.86	ng	98
23) Fluoranthene	19.01	202	261511	10.44	ng	100
25) Pyrene	19.38	202	275159	10.71	ng	100
27) Benzo(a)anthracene	21.13	228	237069	10.51	ng	97
28) Chrysene	21.19	228	220361	9.48	ng	91
29) Indeno(1,2,3-cd)pyrene	25.44	276	189097	8.19	ng	100
31) Benzo(b)fluoranthene	22.66	252	214581	10.73	ng	97
32) Benzo(k)fluoranthene	22.70	252	194206	10.34	ng	97
33) Benzo(a)pyrene	23.20	252	183537	10.82	ng	97
34) Dibenzo(a,h)anthracene	25.45	278	148085	9.15	ng	97
35) Benzo(g,h,i)perylene	26.10	276	149040	8.58	ng	98

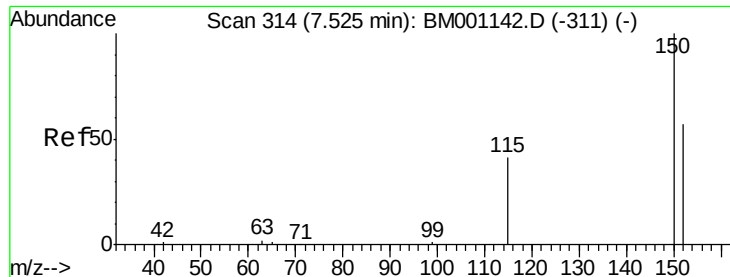
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 02 01:33:50 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

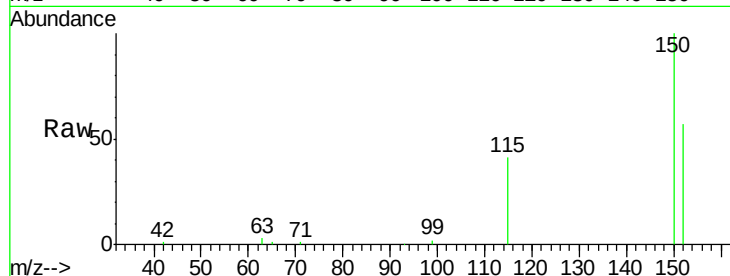
Tgt Ion:152 Resp: 17058

Ion Ratio Lower Upper

152 100

150 174.8 140.1 210.1

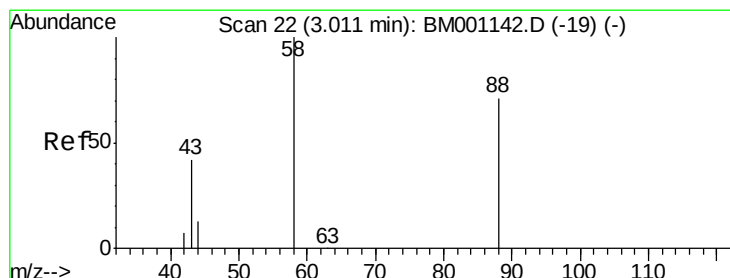
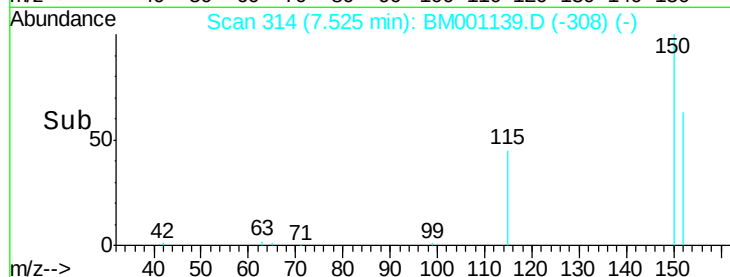
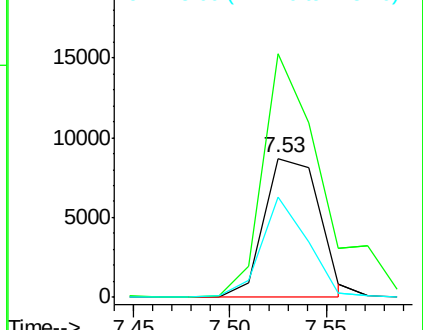
115 71.8 57.8 86.6



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



#2

1,4-Dioxane

Concen: 7.44 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

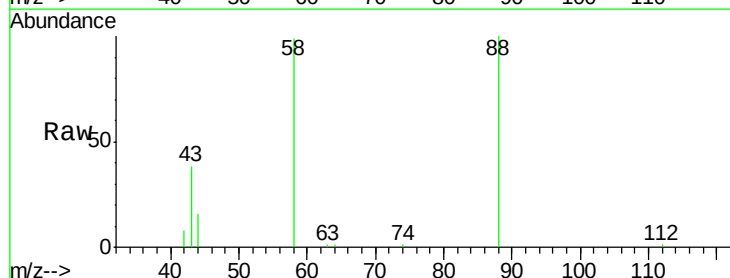
Tgt Ion: 88 Resp: 13944

Ion Ratio Lower Upper

88 100

58 85.0 48.2 72.2#

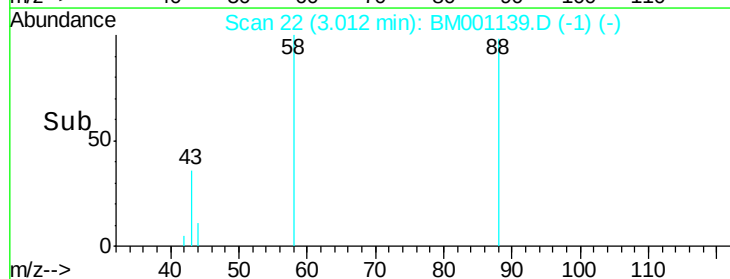
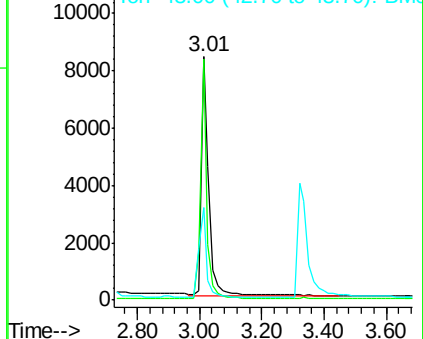
43 38.5 24.8 37.2#

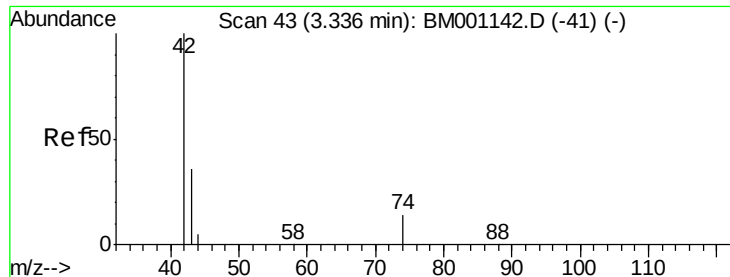


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 12.04 ng

RT: 3.32 min Scan# 42

Delta R.T. -0.02 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

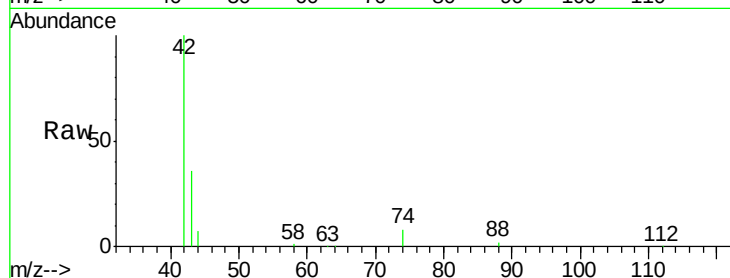
Tgt Ion: 42 Resp: 23571

Ion Ratio Lower Upper

42 100

74 87.6 72.0 108.0

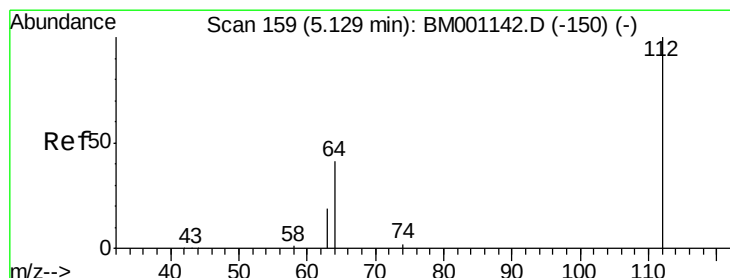
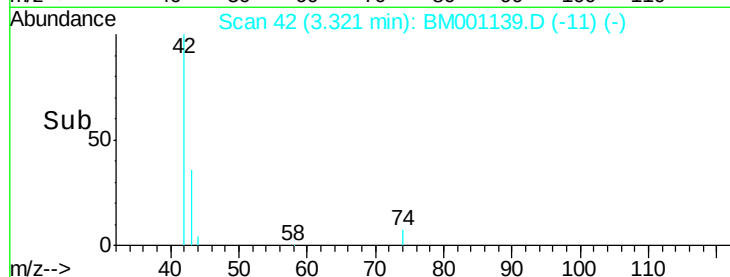
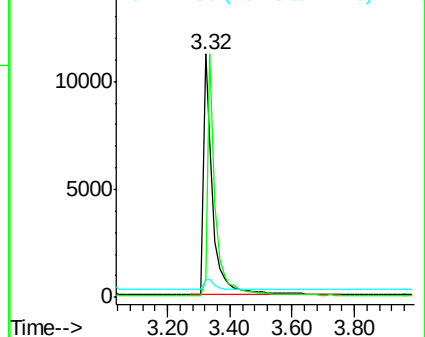
44 5.6 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001142.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001142.D (-41) (-)



#4

2-Fluorophenol

Concen: 9.68 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.02 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

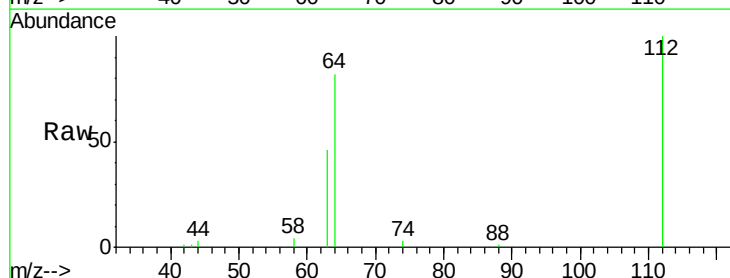
Tgt Ion: 112 Resp: 34972

Ion Ratio Lower Upper

112 100

64 66.0 52.6 79.0

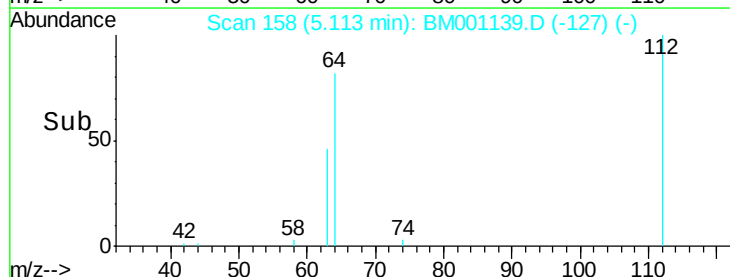
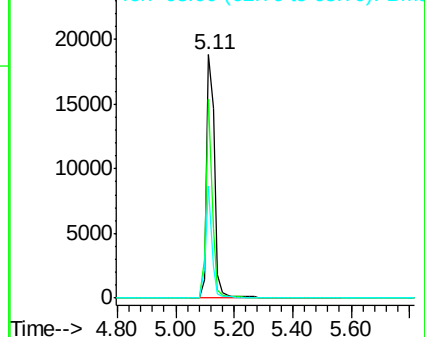
63 36.9 29.5 44.3

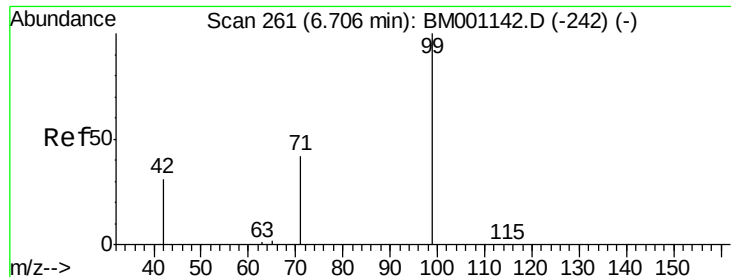


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001142.D (-150) (-)





#5

Phenol-d6

Concen: 9.70 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

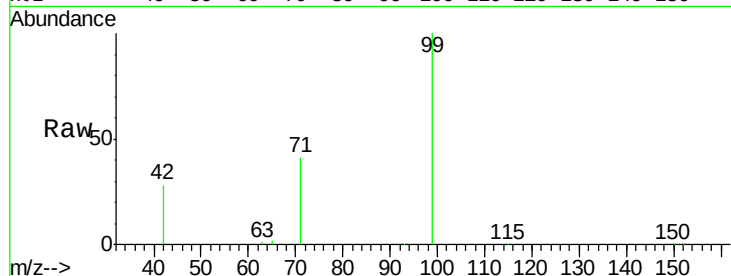
Tgt Ion: 99 Resp: 47399

Ion Ratio Lower Upper

99 100

42 26.7 20.9 31.3

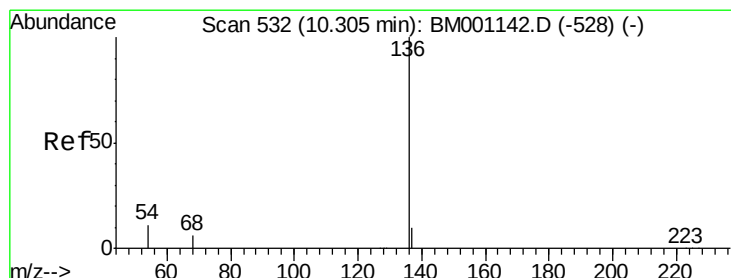
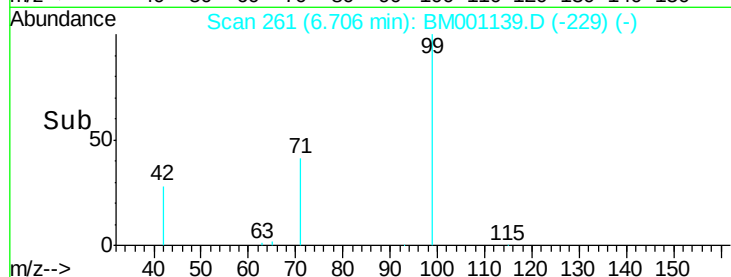
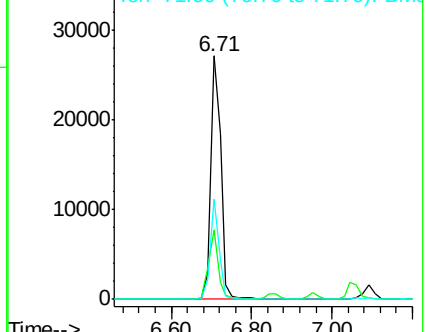
71 36.0 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

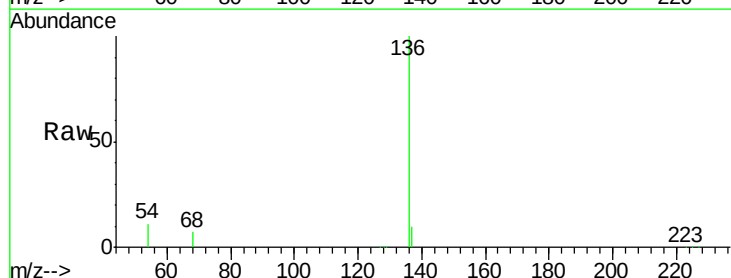
Tgt Ion: 136 Resp: 70519

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

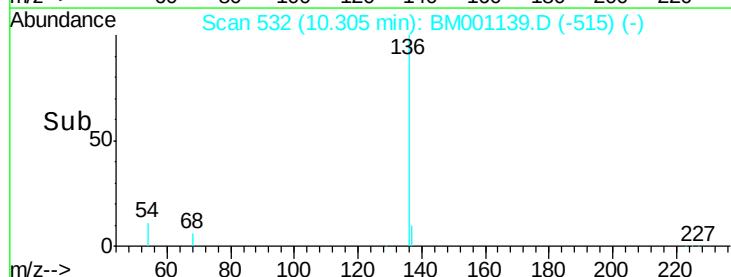
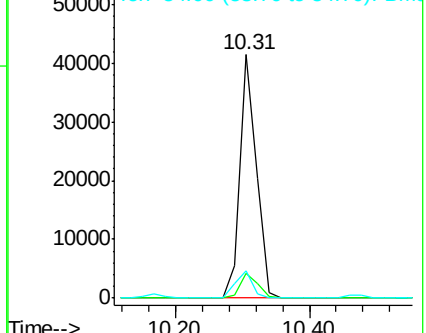
54 11.3 9.0 13.4

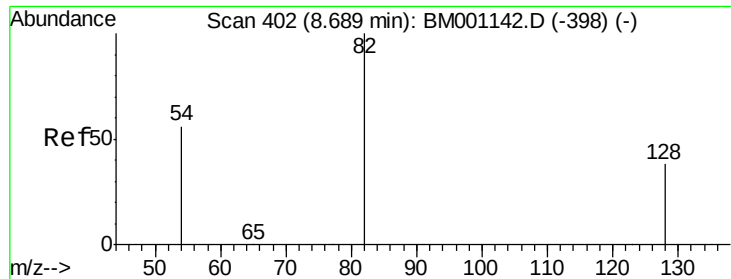


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)





#7

Nitrobenzene-d5

Concen: 12.55 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

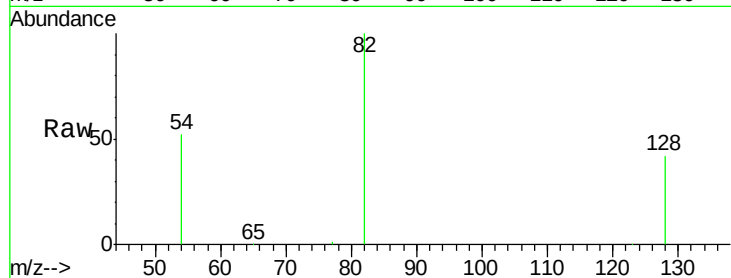
Tgt Ion: 82 Resp: 48601

Ion Ratio Lower Upper

82 100

128 42.2 31.9 47.9

54 52.3 46.2 69.2

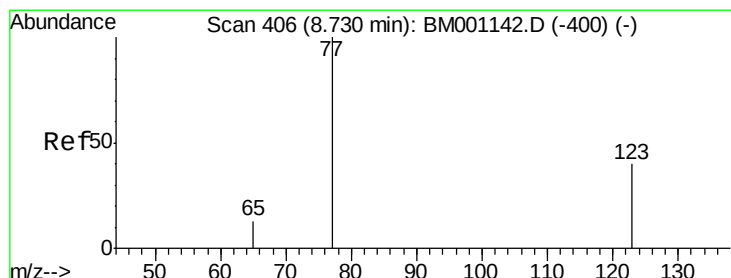
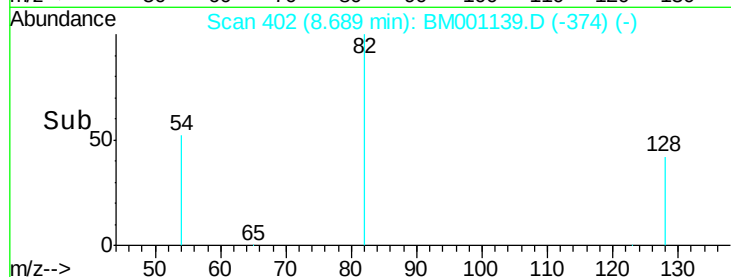


Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)

Time-->



#8

Nitrobenzene

Concen: 9.82 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

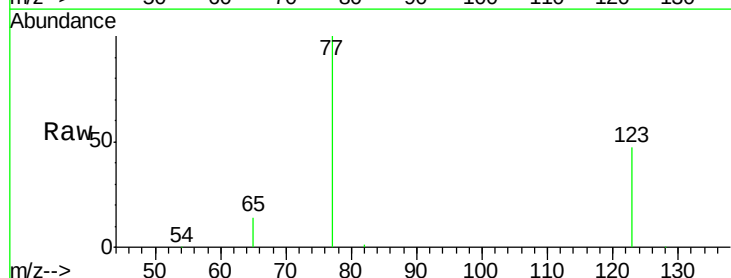
Tgt Ion: 77 Resp: 53236

Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

65 14.6 10.6 15.8

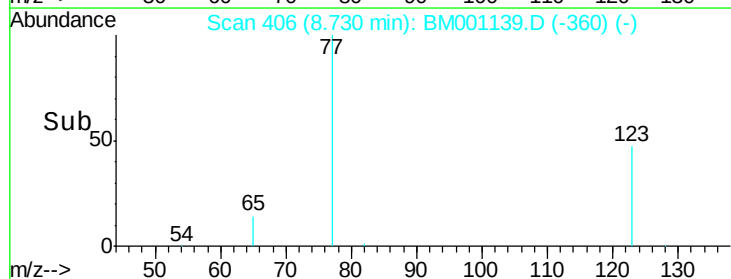


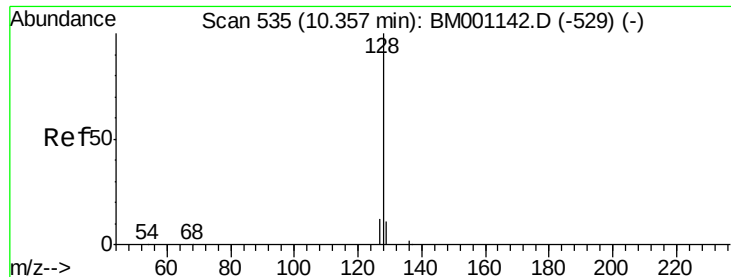
Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)

Time-->





#9

Naphthalene

Concen: 9.44 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

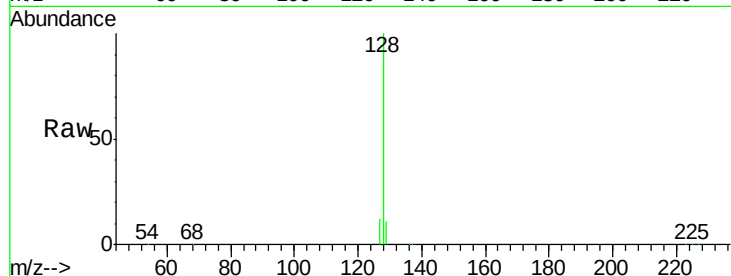
Tgt Ion:128 Resp: 156731

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

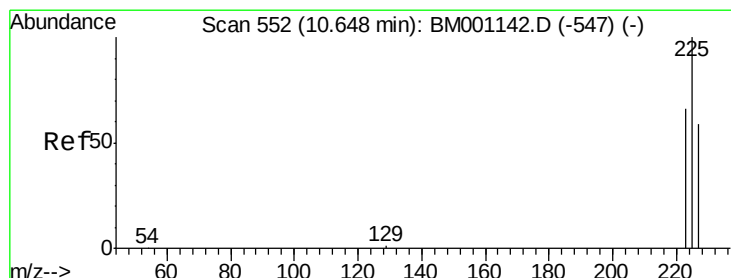
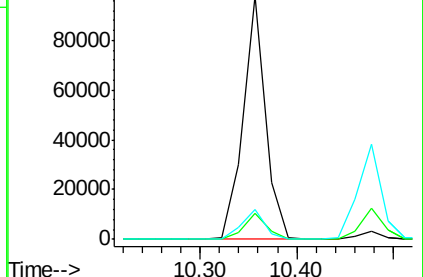
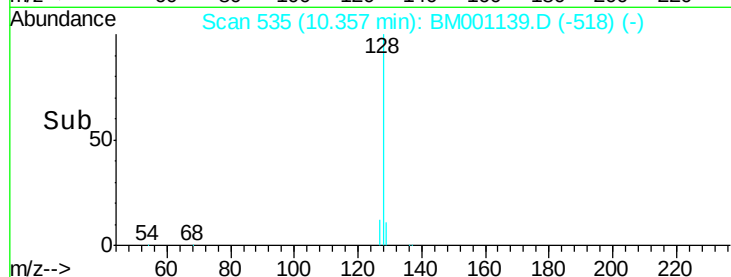
127 12.4 10.0 15.0



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



#10

Hexachlorobutadiene

Concen: 9.68 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

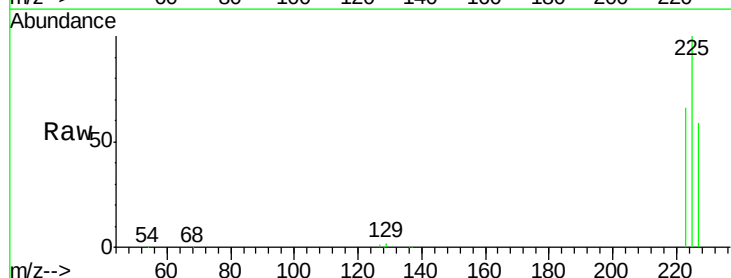
Tgt Ion:225 Resp: 29516

Ion Ratio Lower Upper

225 100

223 62.9 50.8 76.2

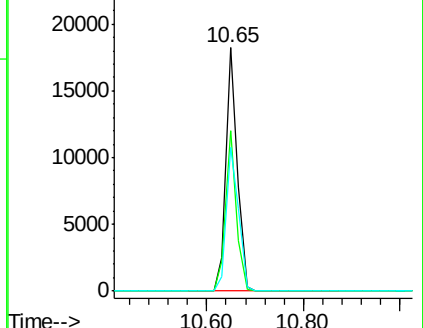
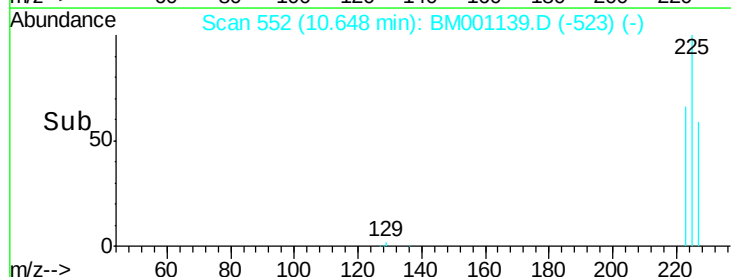
227 63.5 51.0 76.4

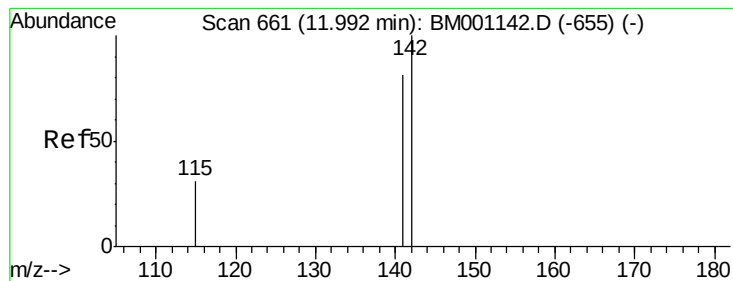


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 10.33 ng

RT: 12.21 min Scan# 682

Delta R.T. 0.22 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

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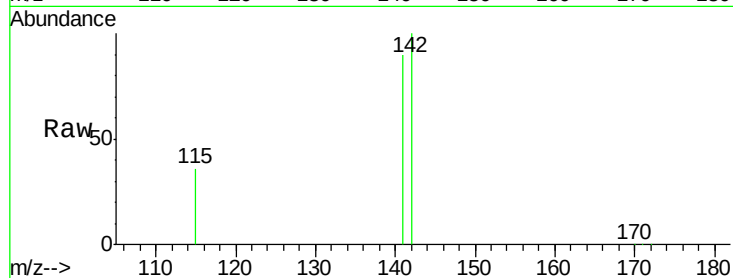
Tgt Ion:142 Resp: 112338

Ion Ratio Lower Upper

142 100

141 89.8 65.1 97.7

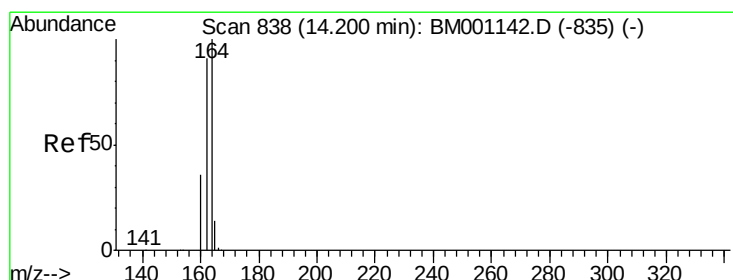
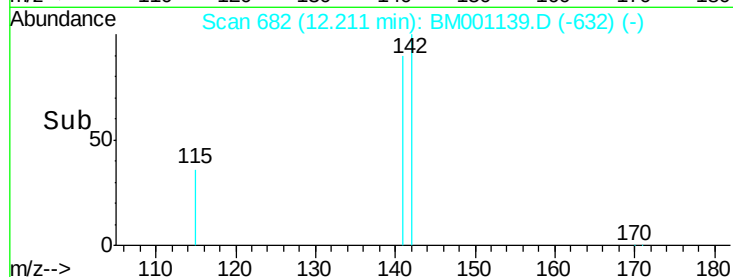
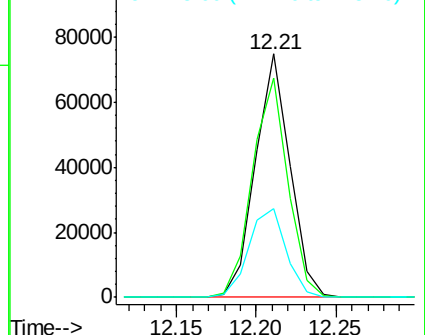
115 36.4 25.1 37.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

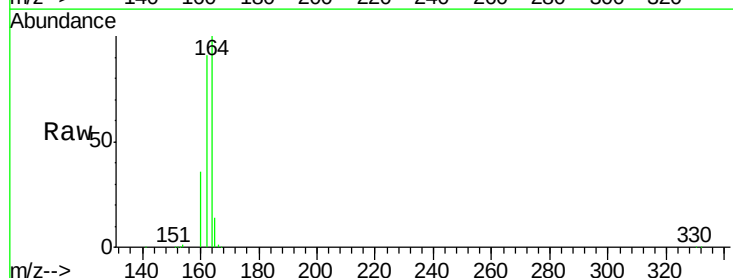
Tgt Ion:164 Resp: 40300

Ion Ratio Lower Upper

164 100

162 90.9 72.7 109.1

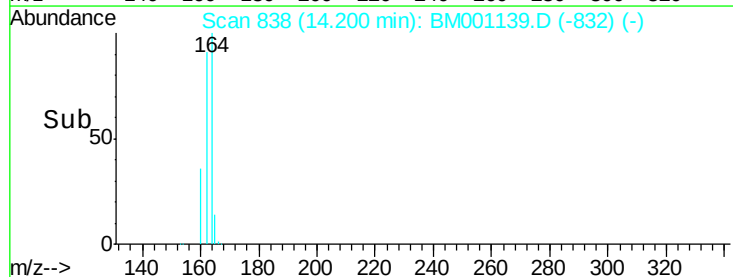
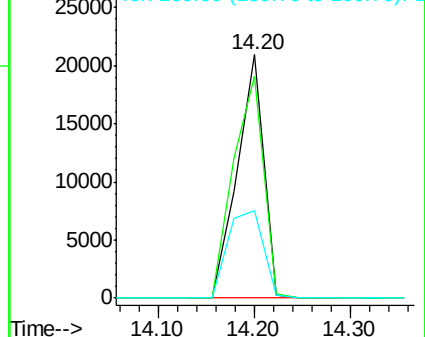
160 35.7 28.7 43.1

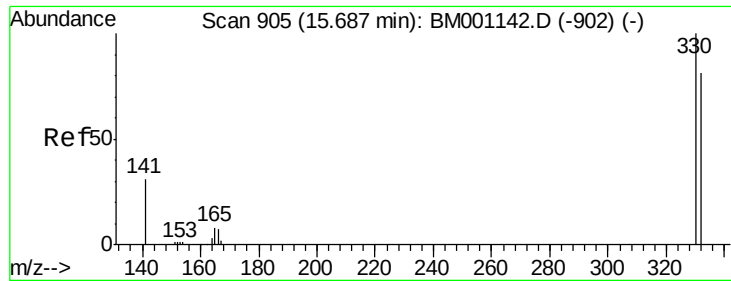


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

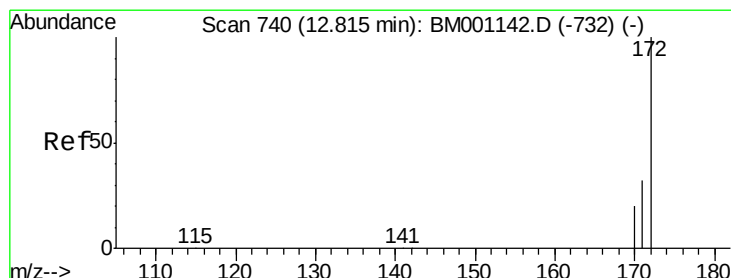
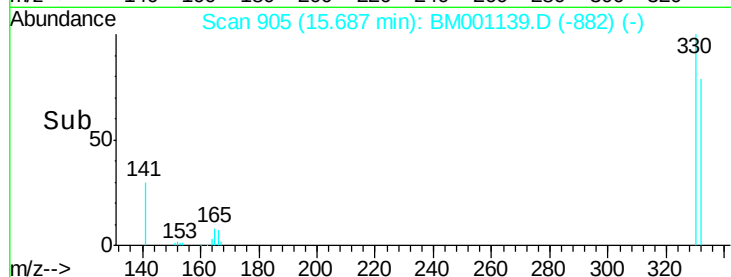
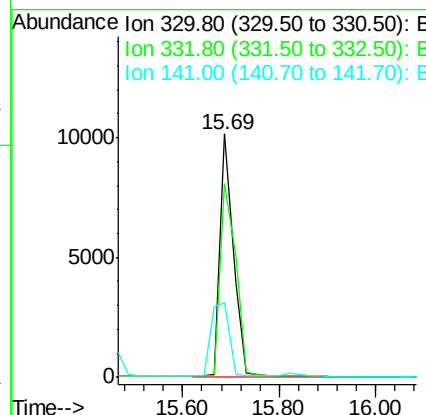
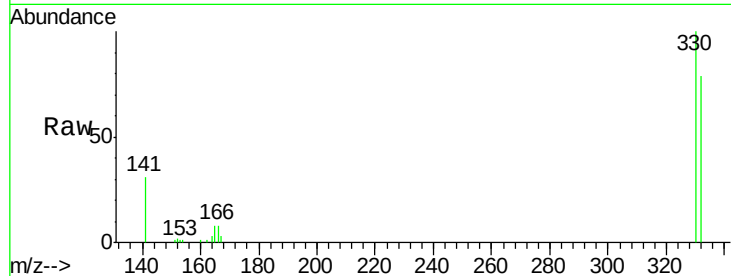




#13
 2,4,6-Tribromophenol
 Concen: 9.99 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001139.D
 Acq: 01 May 2015 20:09

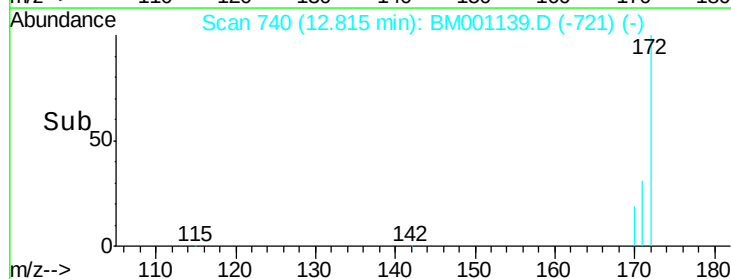
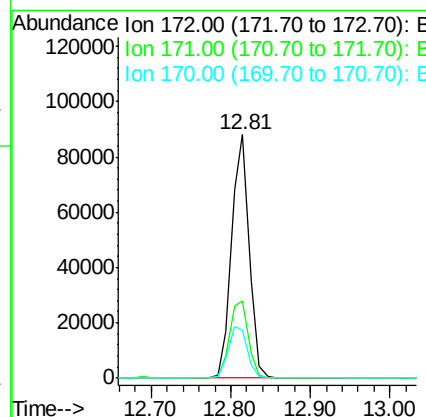
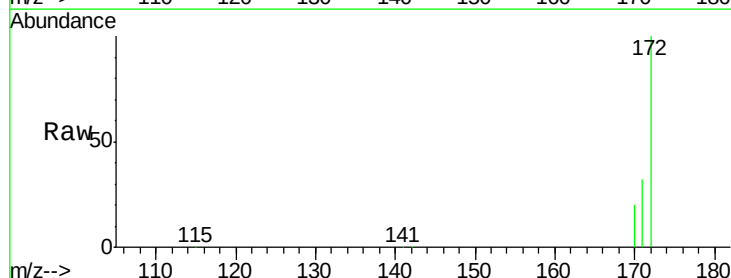
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

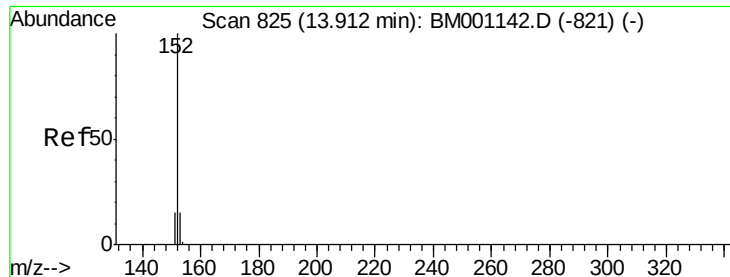
Tgt Ion:330 Resp: 19825
 Ion Ratio Lower Upper
 330 100
 332 92.9 74.5 111.7
 141 42.5 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 9.98 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001139.D
 Acq: 01 May 2015 20:09

Tgt Ion:172 Resp: 133571
 Ion Ratio Lower Upper
 172 100
 171 31.7 25.8 38.6
 170 19.5 16.1 24.1





#15

Acenaphthylene

Concen: 10.89 ng

RT: 13.91 min Scan# 825

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

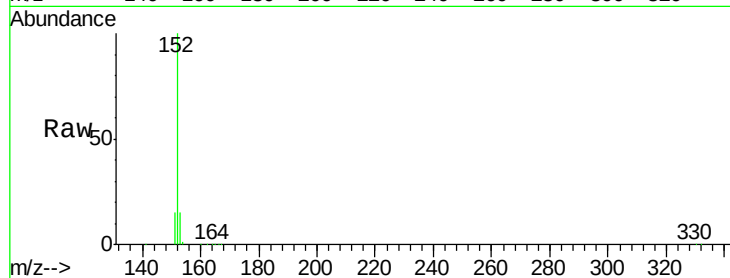
Tgt Ion:152 Resp: 196807

Ion Ratio Lower Upper

152 100

151 0.0 0.0 0.0

153 13.1 10.3 15.5



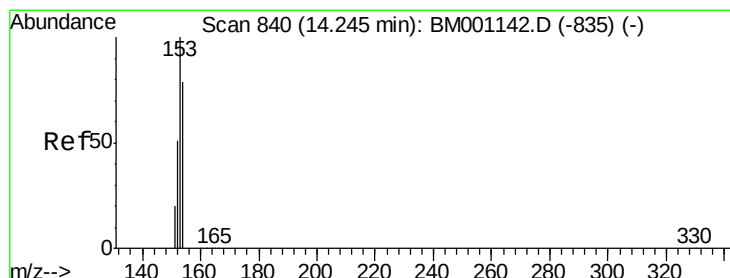
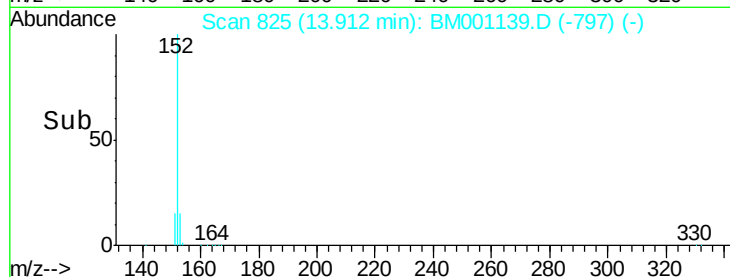
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.91

Time-->



#16

Acenaphthene

Concen: 9.82 ng

RT: 14.24 min Scan# 840

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

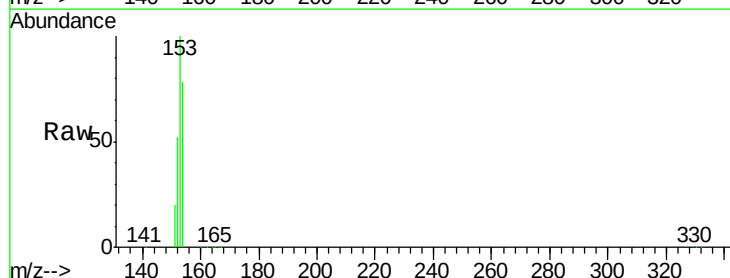
Tgt Ion:154 Resp: 121908

Ion Ratio Lower Upper

154 100

153 107.5 90.6 136.0

152 52.9 45.0 67.4



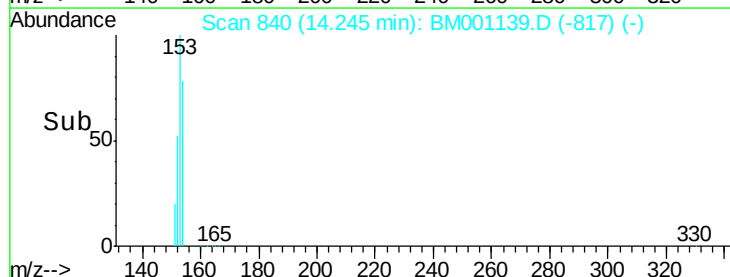
Abundance Ion 154.00 (153.70 to 154.70): E

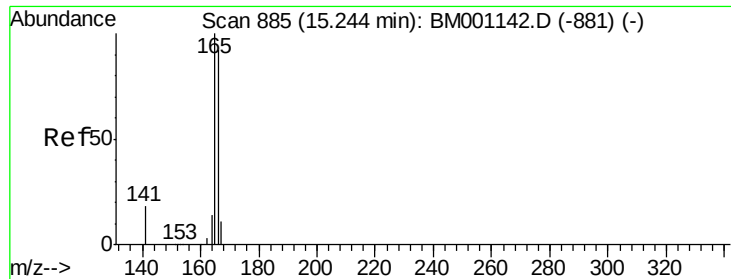
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.24

Time-->

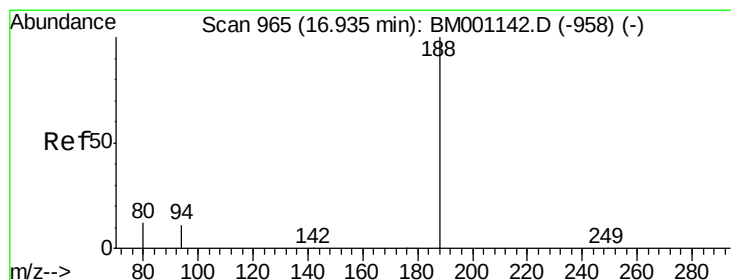
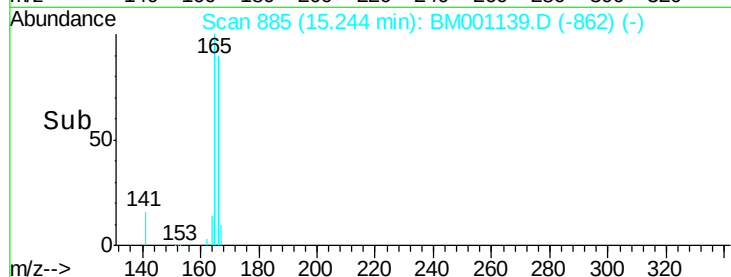
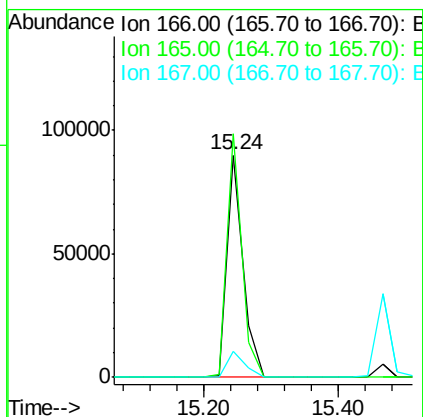
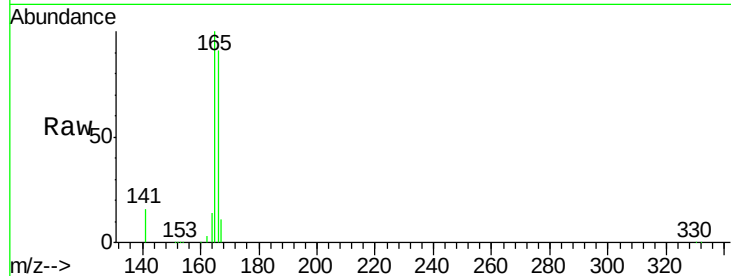




#17
Fluorene
 Concen: 10.31 ng
 RT: 15.24 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BM001139.D
 Acq: 01 May 2015 20:09

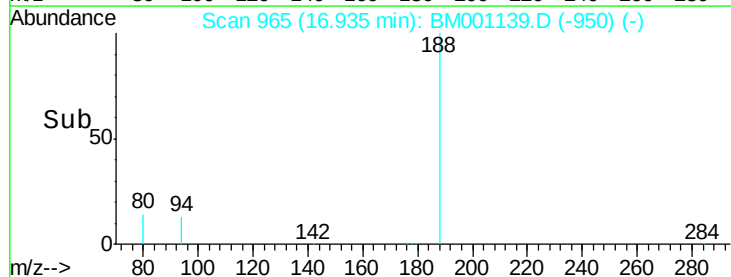
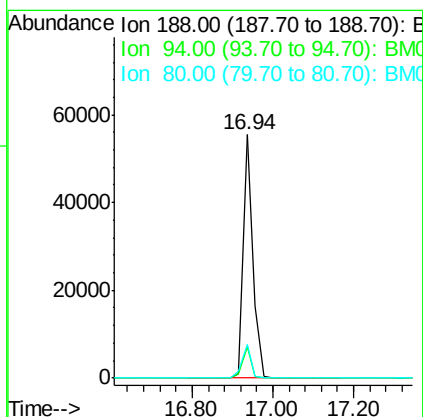
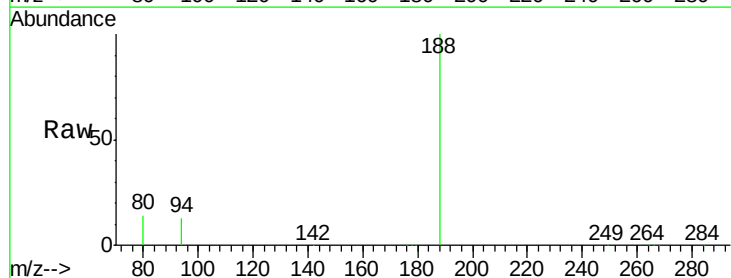
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

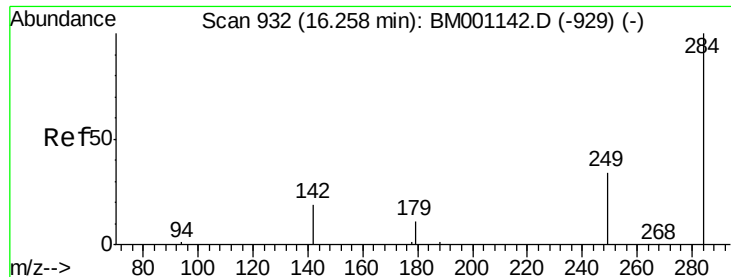
Tgt Ion:166 Resp: 148634
 Ion Ratio Lower Upper
 166 100
 165 102.4 81.0 121.6
 167 12.9 10.4 15.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BM001139.D
 Acq: 01 May 2015 20:09

Tgt Ion:188 Resp: 90379
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.3 13.9
 80 13.7 9.8 14.6

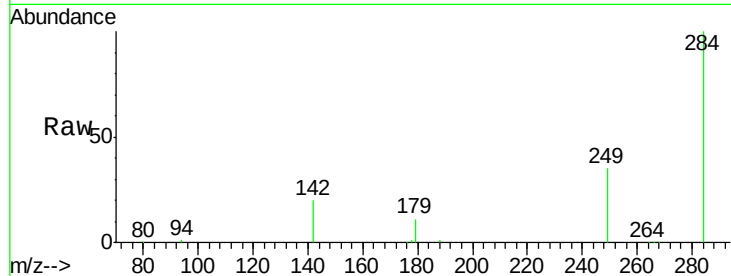




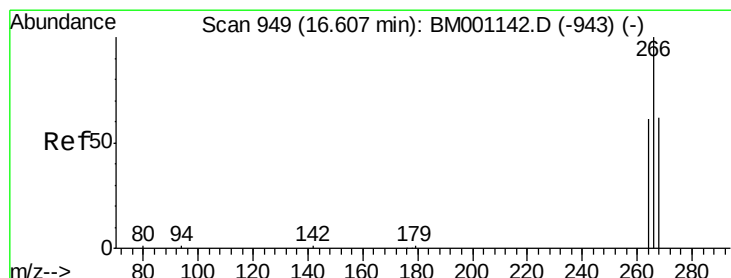
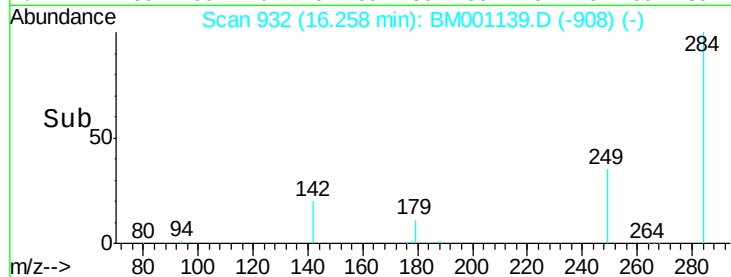
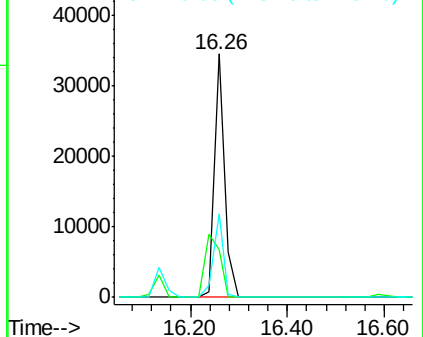
#19
Hexachlorobenzene
Concen: 10.25 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001139.D
Acq: 01 May 2015 20:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tgt Ion: 284 Resp: 51275
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 33.4 26.5 39.7

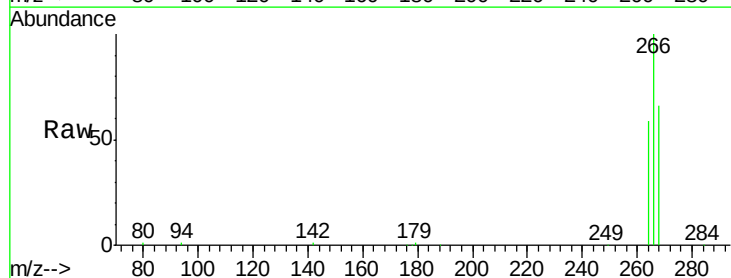


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

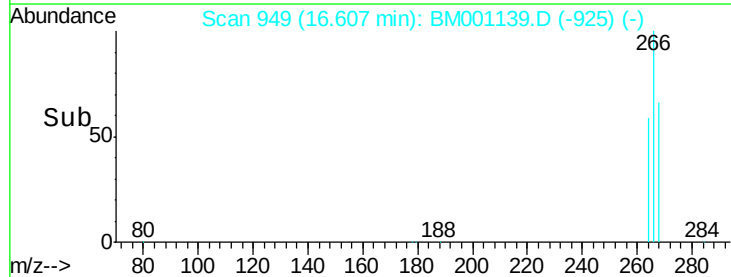
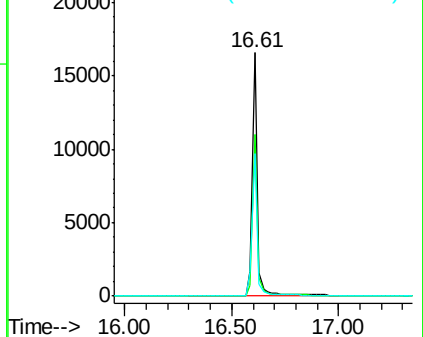


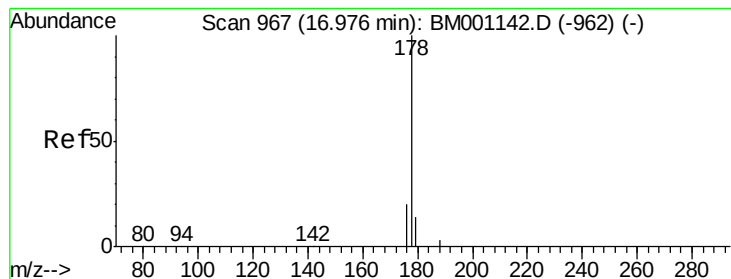
#20
Pentachlorophenol
Concen: 18.28 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001139.D
Acq: 01 May 2015 20:09

Tgt Ion: 266 Resp: 26084
Ion Ratio Lower Upper
266 100
268 66.4 52.6 79.0
264 58.6 51.0 76.4



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





#21

Phenanthrene

Concen: 9.87 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

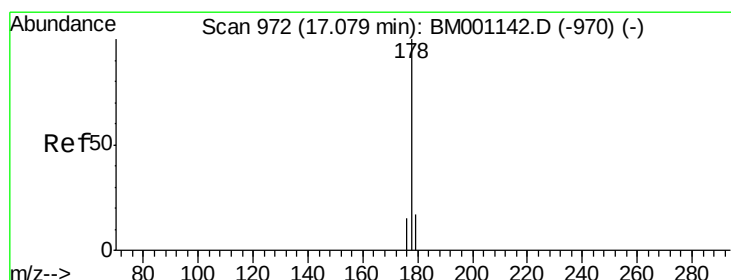
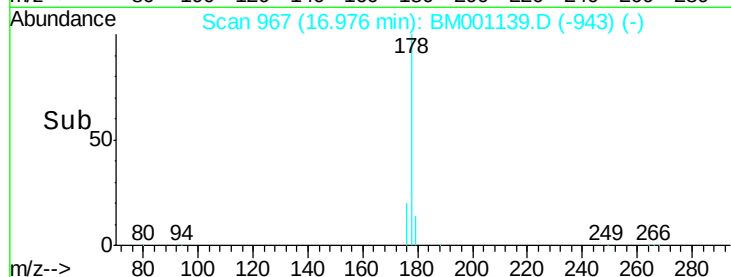
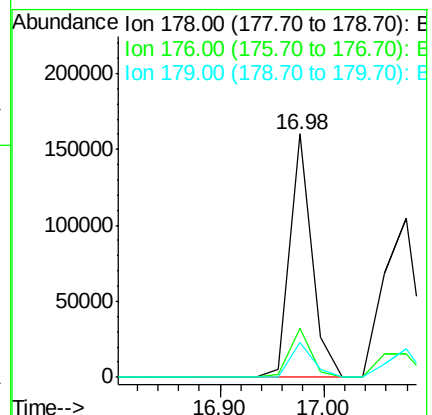
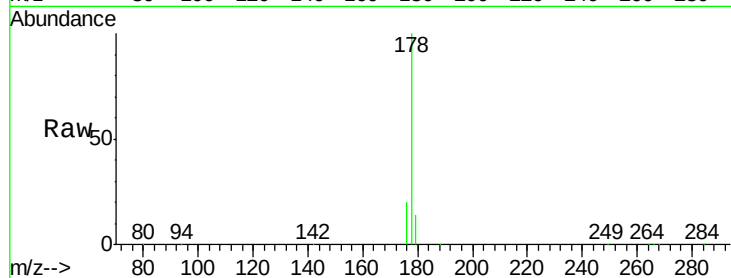
Tgt Ion:178 Resp: 236085

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.0 12.0 18.0



#22

Anthracene

Concen: 10.86 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.10 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

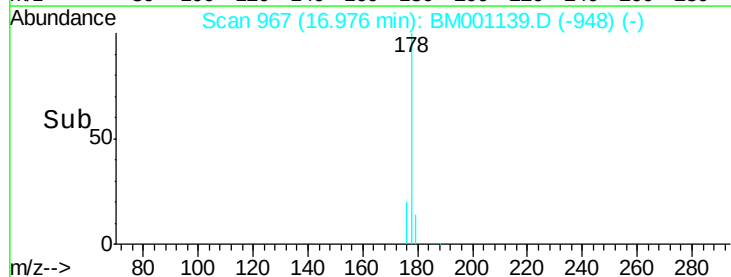
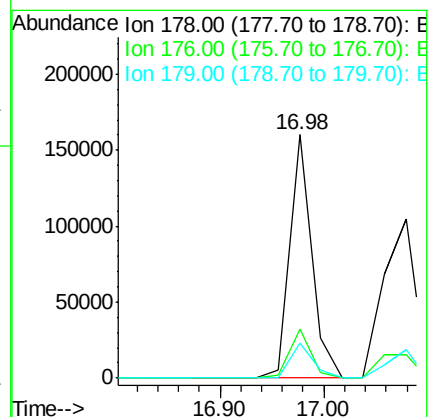
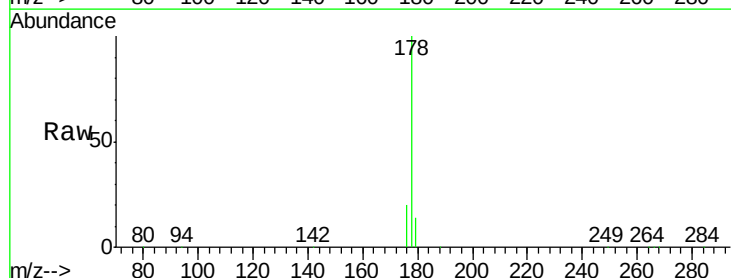
Tgt Ion:178 Resp: 236085

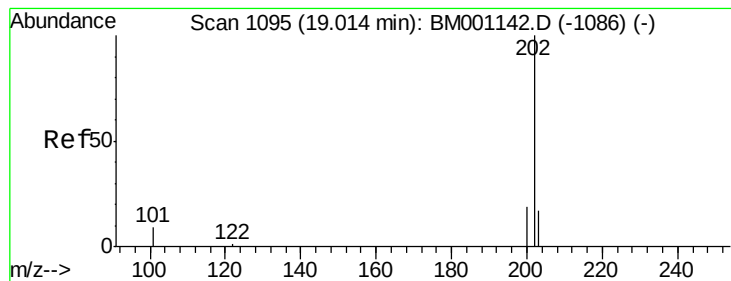
Ion Ratio Lower Upper

178 100

176 19.5 14.3 21.5

179 15.0 12.2 18.2





#23

Fluoranthene

Concen: 10.44 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

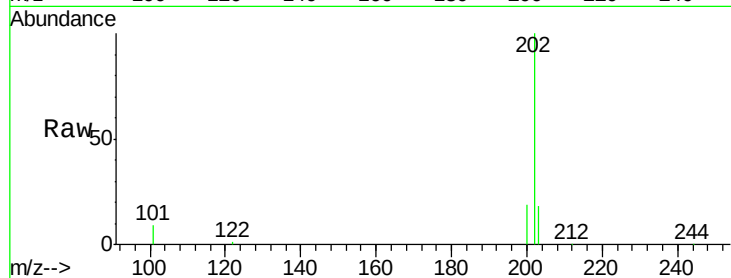
Tgt Ion:202 Resp: 261511

Ion Ratio Lower Upper

202 100

101 11.8 9.3 13.9

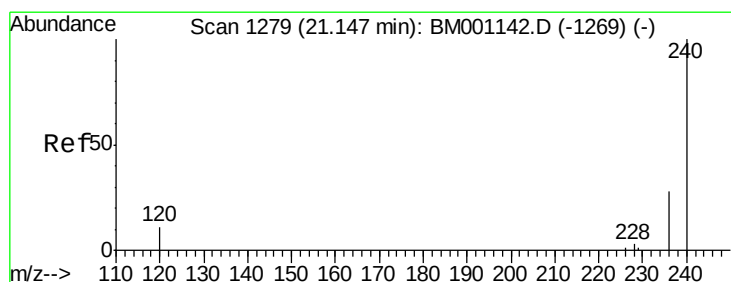
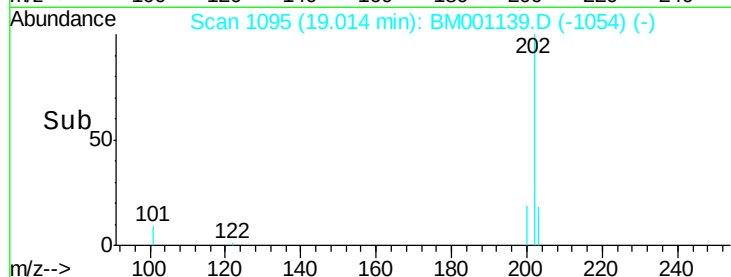
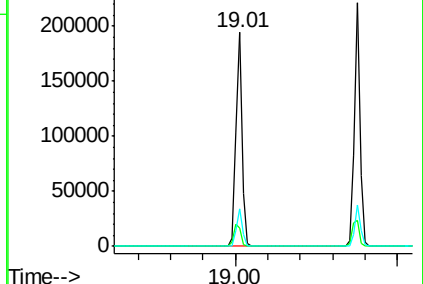
203 17.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

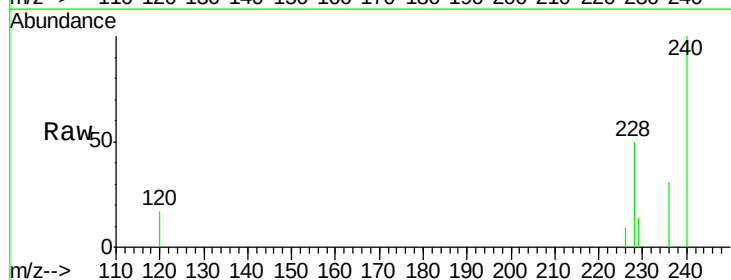
Tgt Ion:240 Resp: 77362

Ion Ratio Lower Upper

240 100

120 16.5 9.2 13.8#

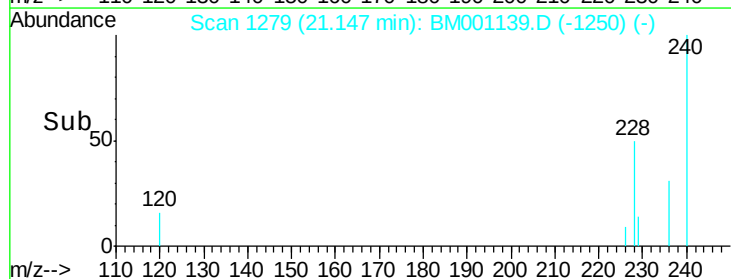
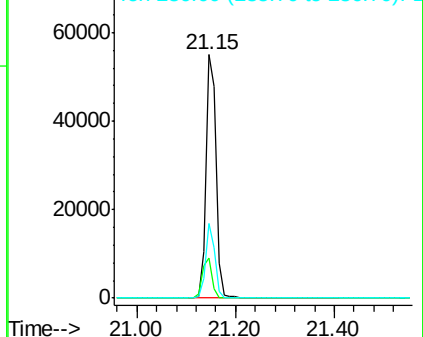
236 30.6 22.4 33.6

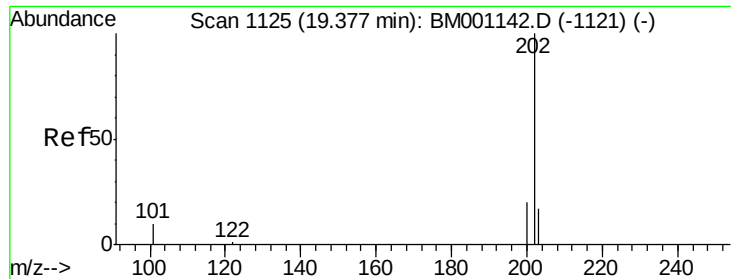


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 10.71 ng

RT: 19.38 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

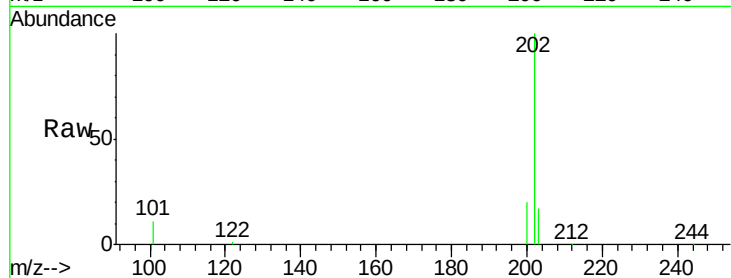
Tgt Ion:202 Resp: 275159

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

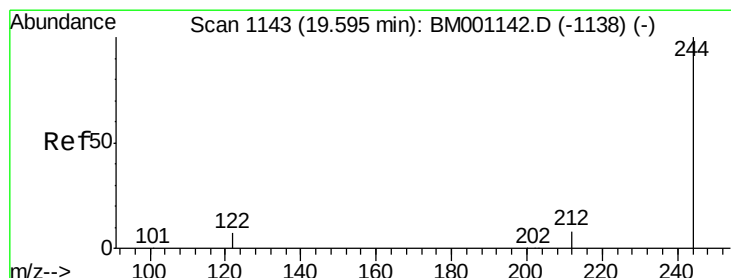
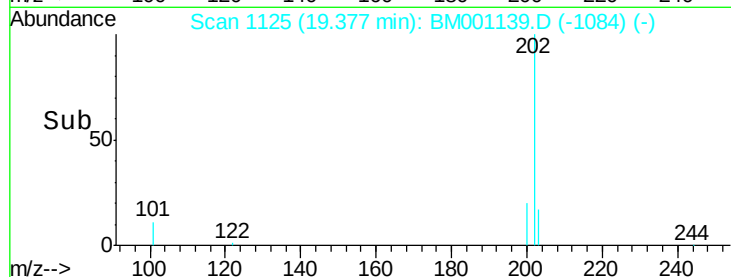
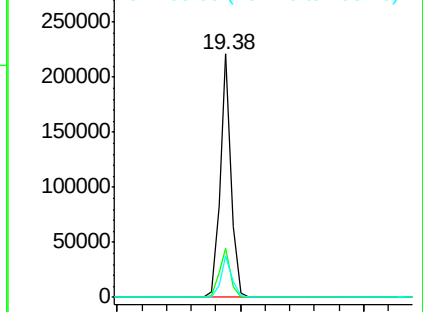
203 17.3 13.8 20.6



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



#26

Terphenyl-d14

Concen: 11.20 ng

RT: 19.59 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

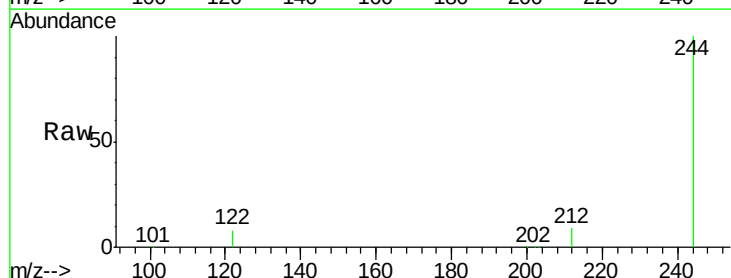
Tgt Ion:244 Resp: 117798

Ion Ratio Lower Upper

244 100

212 8.9 7.1 10.7

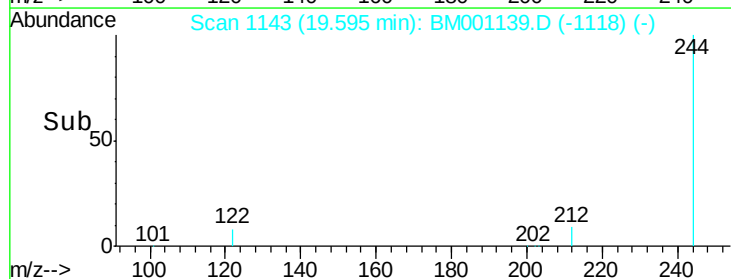
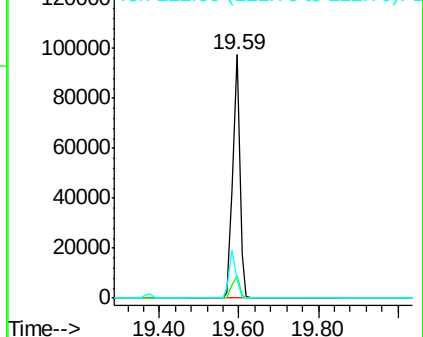
122 7.7 6.2 9.4

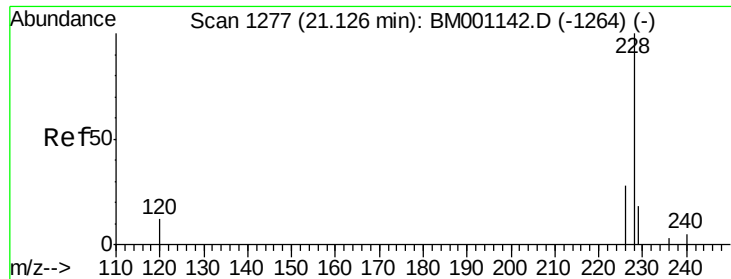


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 10.51 ng

RT: 21.13 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

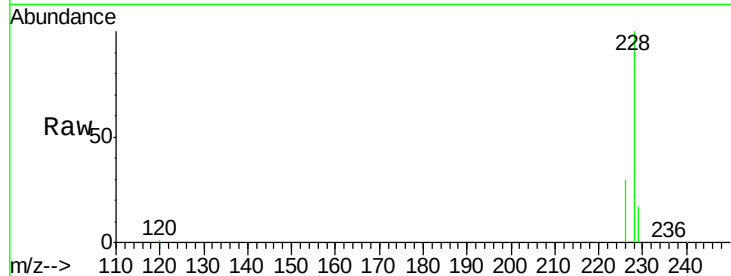
Tgt Ion:228 Resp: 237069

Ion Ratio Lower Upper

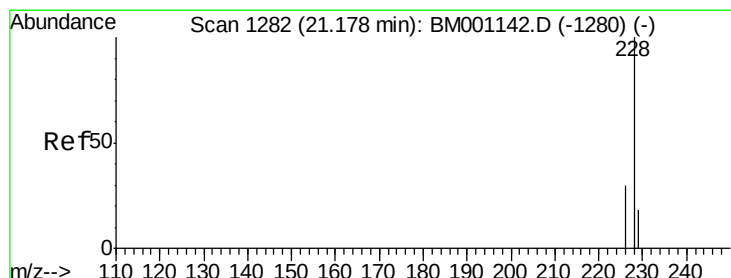
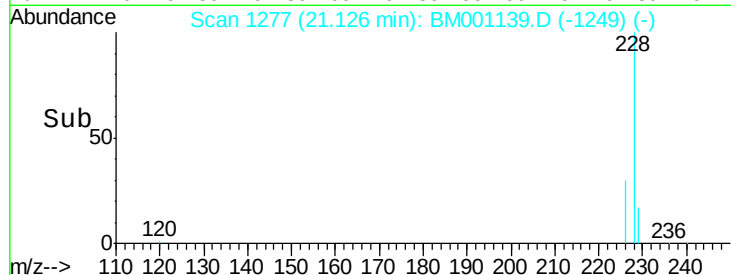
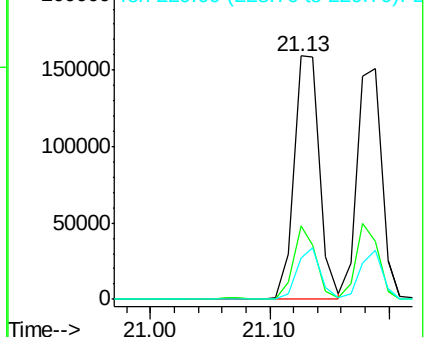
228 100

226 30.3 22.8 34.2

229 16.8 14.4 21.6



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



#28

Chrysene

Concen: 9.48 ng

RT: 21.19 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

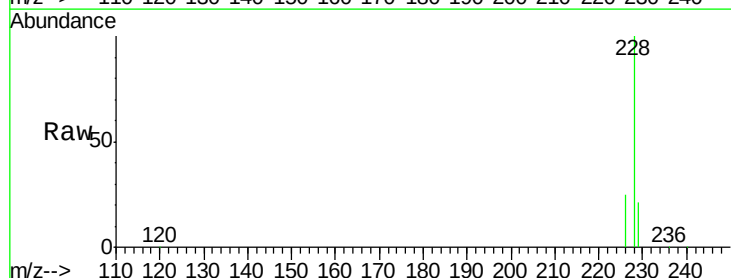
Tgt Ion:228 Resp: 220361

Ion Ratio Lower Upper

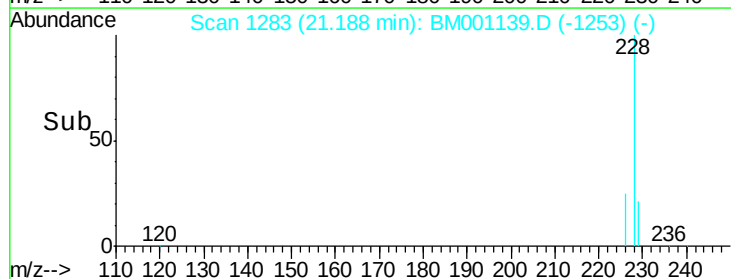
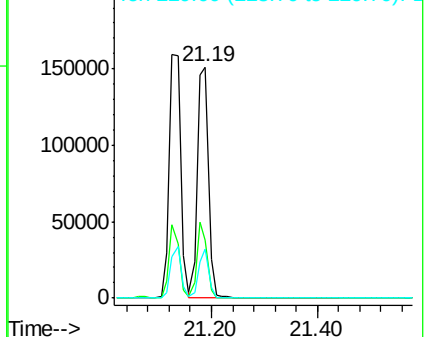
228 100

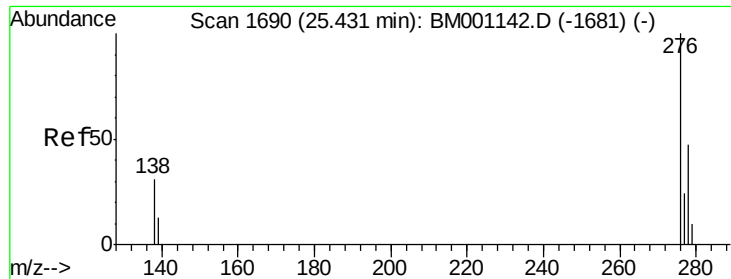
226 25.1 24.4 36.6

229 21.4 14.3 21.5



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





#29

Indeno(1,2,3-cd)pyrene

Concen: 8.19 ng

RT: 25.44 min Scan# 1691

Delta R.T. 0.01 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

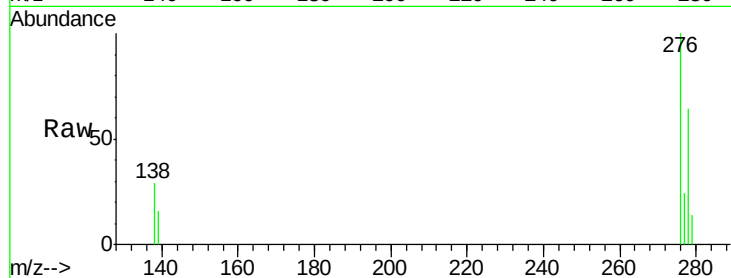
Tgt Ion: 276 Resp: 189097

Ion Ratio Lower Upper

276 100

138 30.5 24.2 36.4

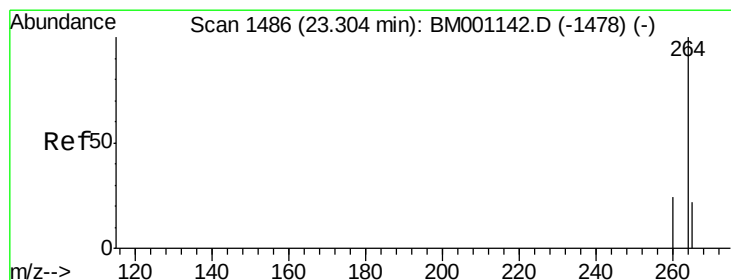
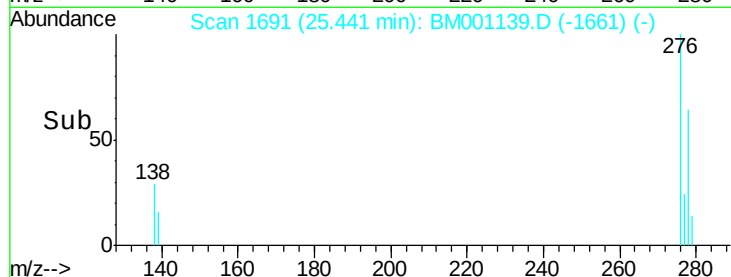
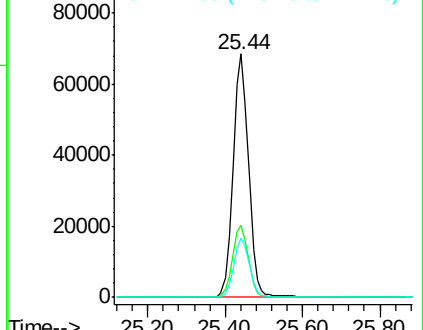
277 24.5 19.8 29.6



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.30 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

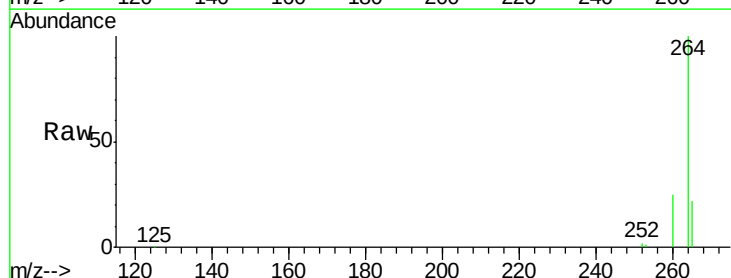
Tgt Ion: 264 Resp: 61541

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

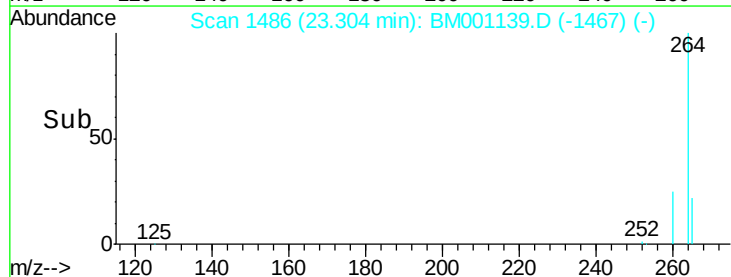
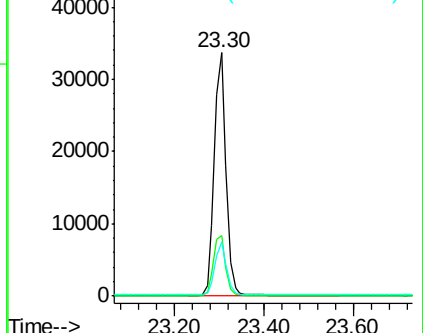
265 22.3 18.1 27.1

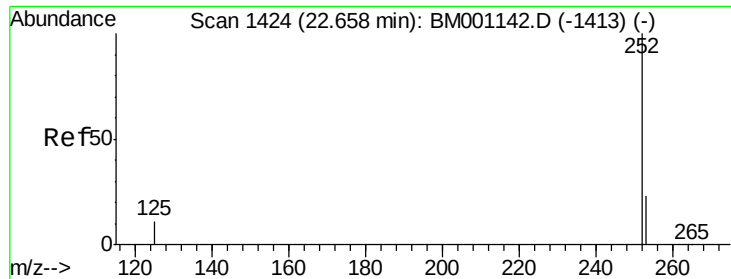


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 10.73 ng

RT: 22.66 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

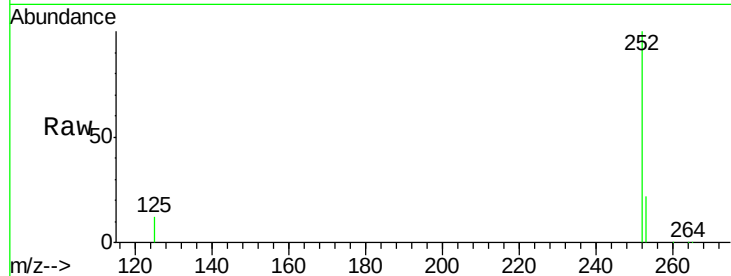
Tgt Ion:252 Resp: 214581

Ion Ratio Lower Upper

252 100

253 21.6 19.0 28.4

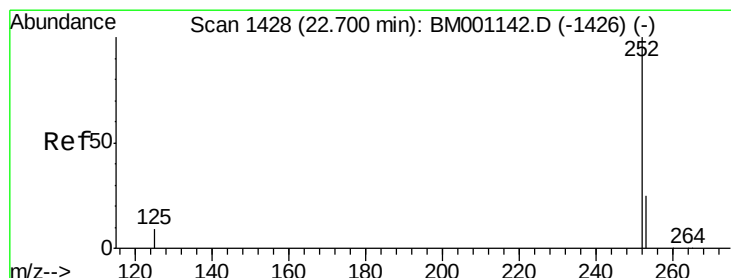
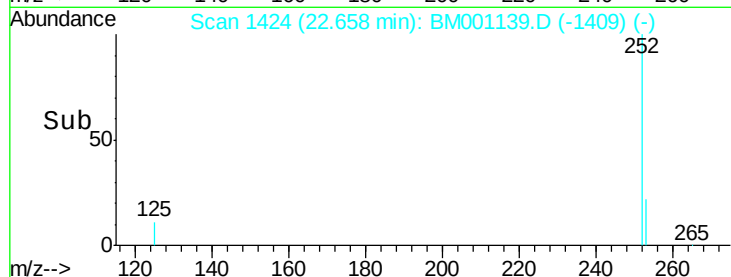
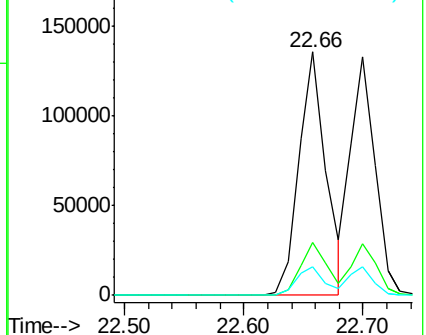
125 11.5 9.1 13.7



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



#32

Benzo(k)fluoranthene

Concen: 10.34 ng

RT: 22.70 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

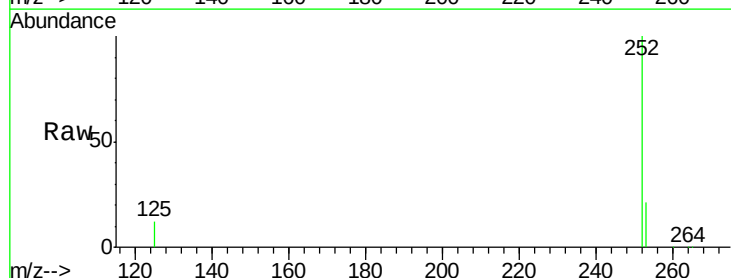
Tgt Ion:252 Resp: 194206

Ion Ratio Lower Upper

252 100

253 21.4 19.1 28.7

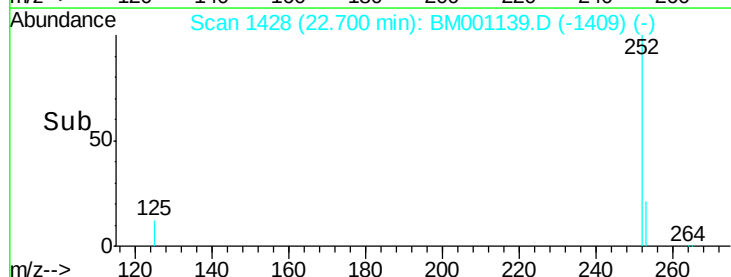
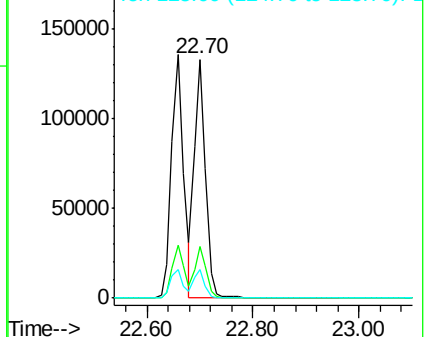
125 11.7 9.3 13.9

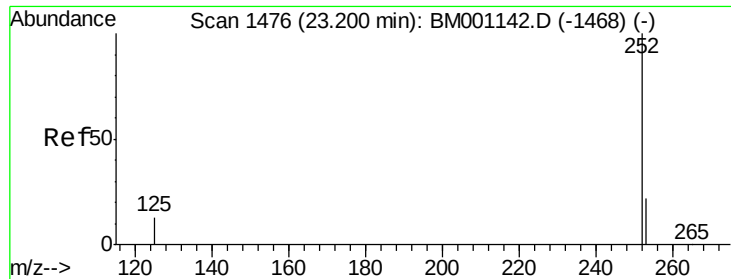


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 10.82 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

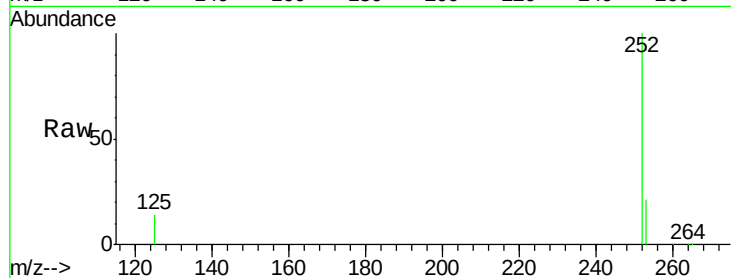
Tgt Ion:252 Resp: 183537

Ion Ratio Lower Upper

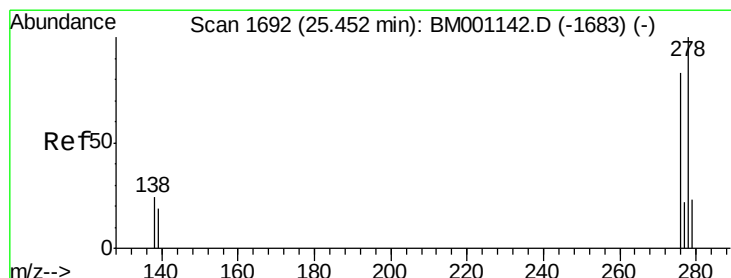
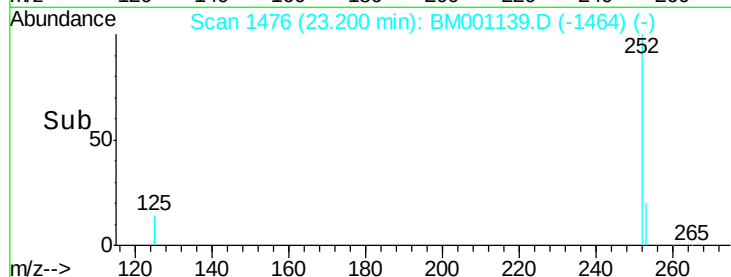
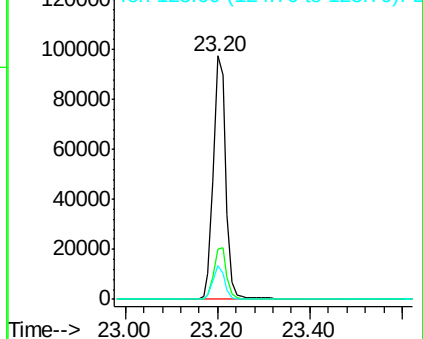
252 100

253 20.5 18.2 27.2

125 13.6 10.6 16.0



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



#34

Dibenzo(a,h)anthracene

Concen: 9.15 ng

RT: 25.45 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BM001139.D

Acq: 01 May 2015 20:09

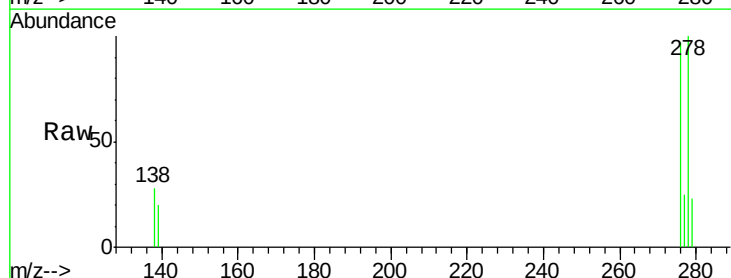
Tgt Ion:278 Resp: 148085

Ion Ratio Lower Upper

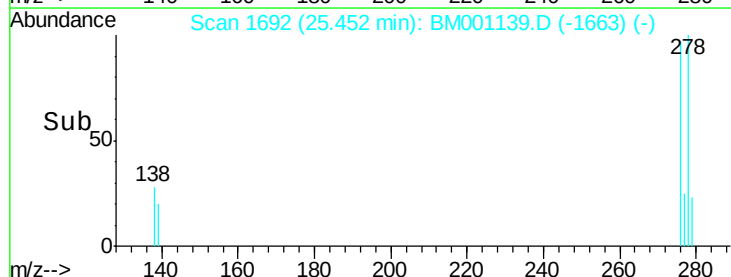
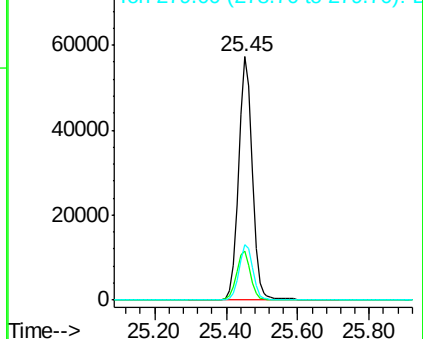
278 100

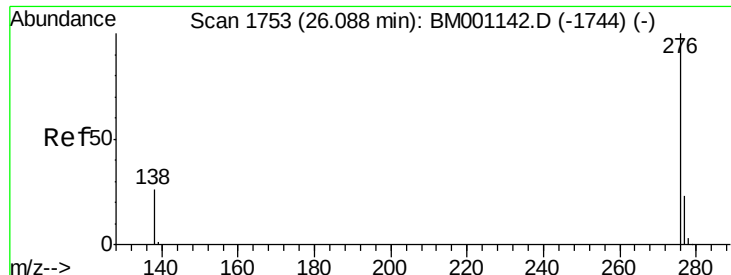
139 20.2 15.5 23.3

279 22.6 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#35

Benzo(g,h,i)perylene

Concen: 8.58 ng

RT: 26.10 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BM001139.D

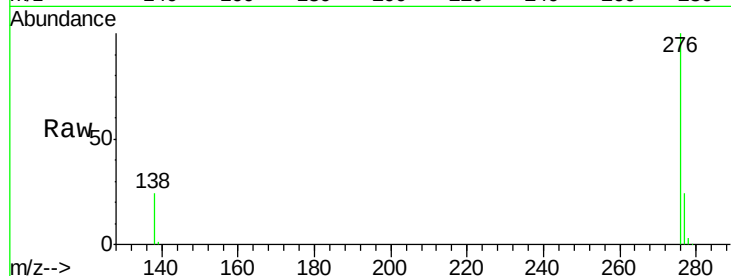
Acq: 01 May 2015 20:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 149040

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 24.5 21.3 31.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

