

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001614.D
 Acq On : 09 Jun 2015 11:45
 Operator : TP/IZ
 Sample : G2491-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW001-150602

Quant Time: Jun 10 03:28:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 03:26:36 2015
 Response via : Initial Calibration

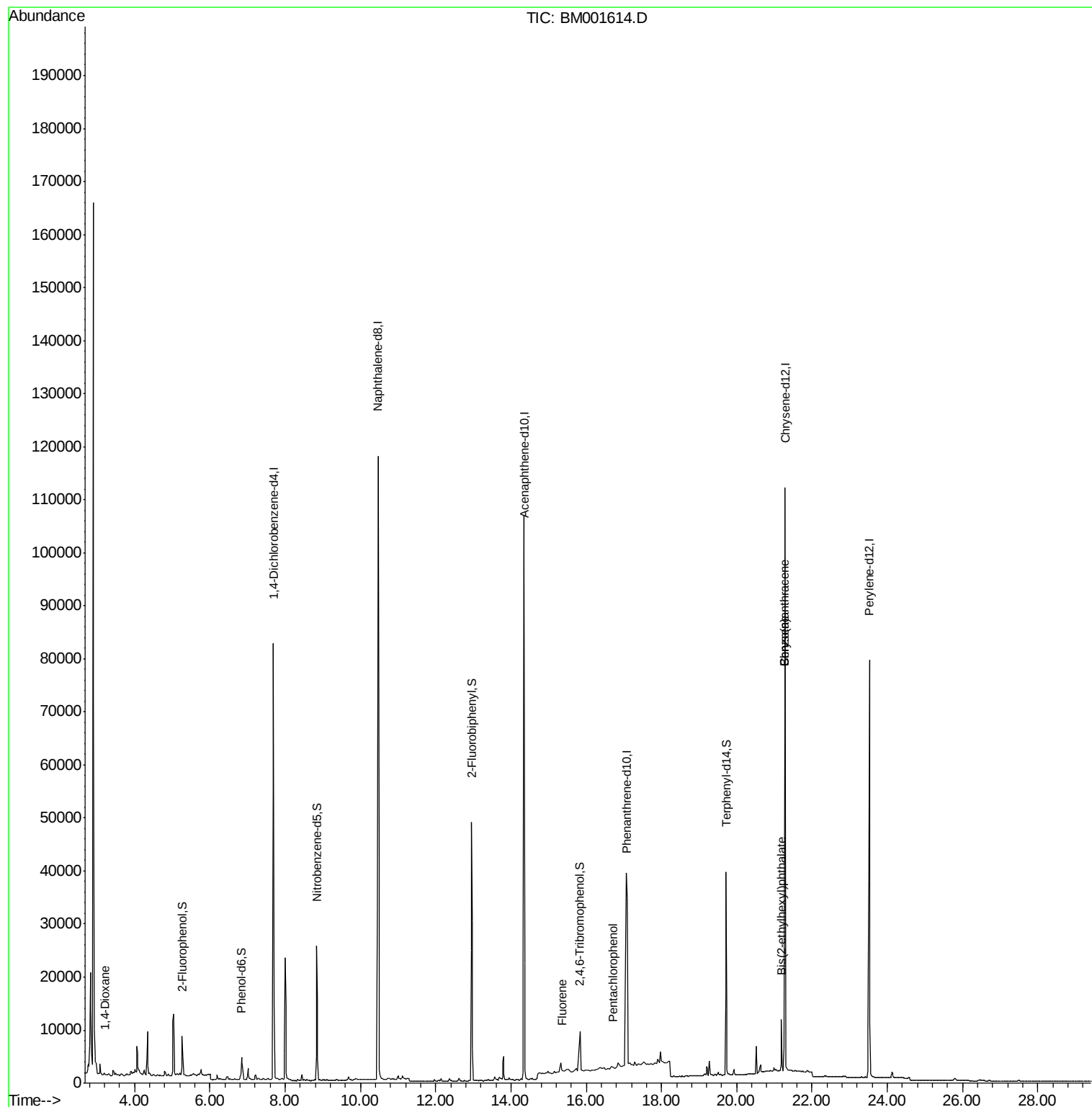
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	43829	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	154258	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	71438	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	86768	5.00	ng	0.00
25) Chrysene-d12	21.28	240	119293	5.00	ng	0.00
32) Perylene-d12	23.52	264	108566	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	5400	0.54	ng	0.00
5) Phenol-d6	6.84	99	4418	0.36	ng	0.00
7) Nitrobenzene-d5	8.85	82	21197	1.95	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	6825	2.08	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	45229	1.95	ng	0.00
27) Terphenyl-d14	19.72	244	36360	2.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	177	0.04	ng	# 1
17) Fluorene	15.36	166	2014	0.15	ng	# 3
21) Pentachlorophenol	16.72	266	47	0.03	ng	# 76
28) Benzo(a)anthracene	21.27	228	877	0.03	ng	# 52
29) Chrysene	21.27	228	922	0.03	ng	# 45
30) Bis(2-ethylhexyl)phthalate	21.19	149	8872	0.44	ng	99

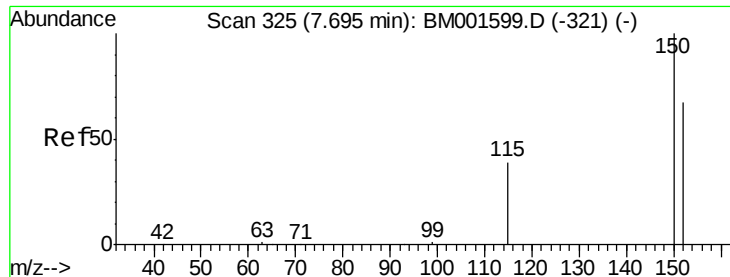
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602

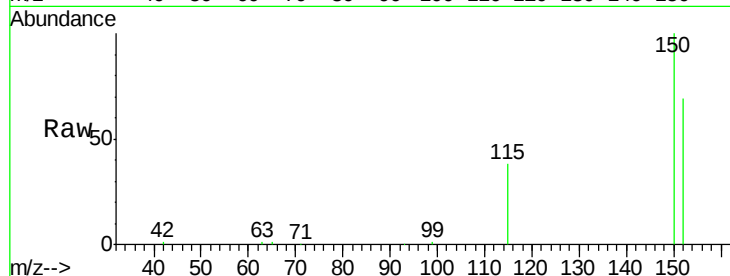
Tgt Ion:152 Resp: 43829

Ion Ratio Lower Upper

152 100

150 145.2 120.1 180.1

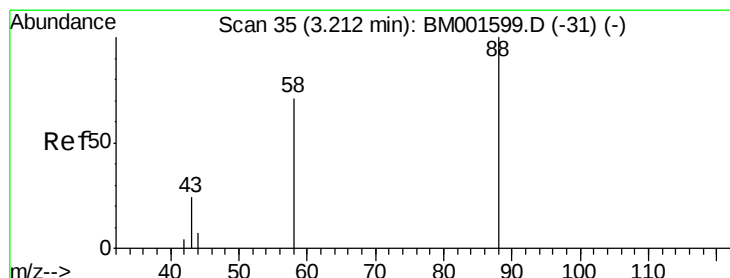
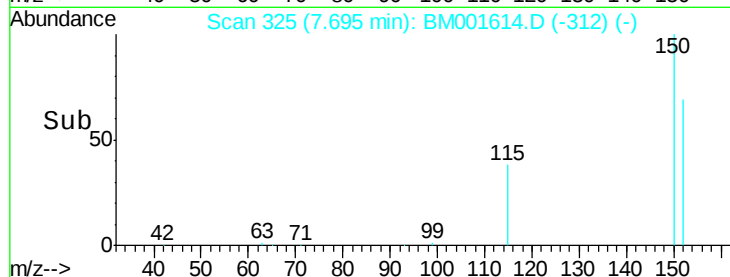
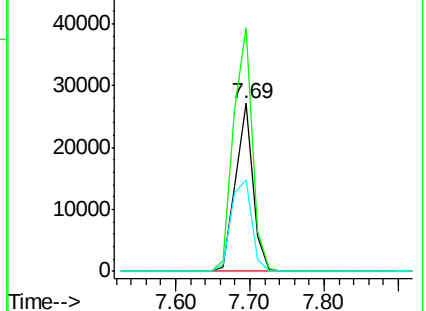
115 54.7 47.0 70.6



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: 0.04 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

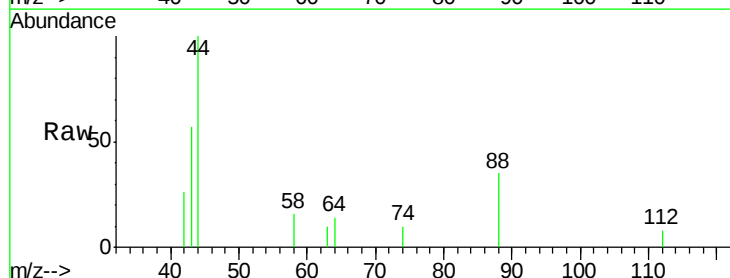
Tgt Ion: 88 Resp: 177

Ion Ratio Lower Upper

88 100

58 37.3 65.5 98.3#

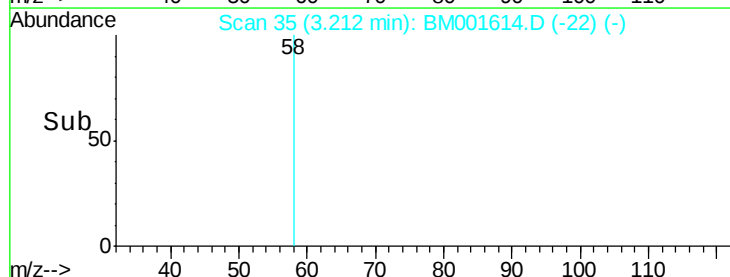
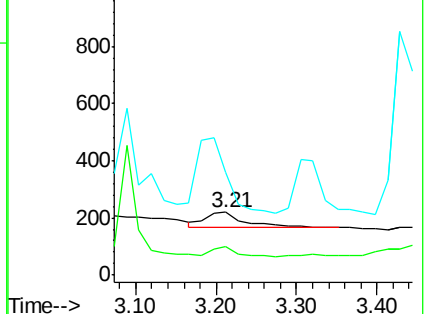
43 393.2 32.2 48.2#

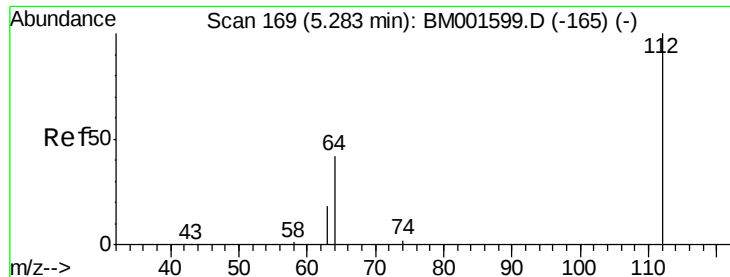


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

2-Fluorophenol

Concen: 0.54 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602

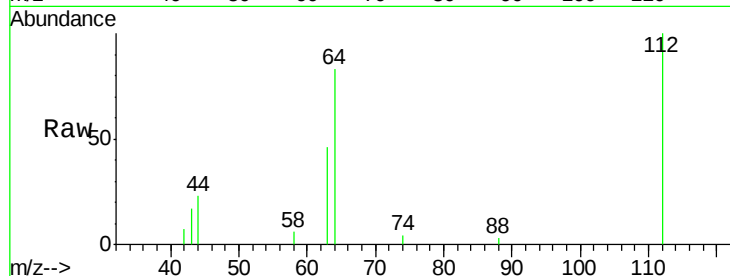
Tgt Ion: 112 Resp: 5400

Ion Ratio Lower Upper

112 100

64 69.3 54.8 82.2

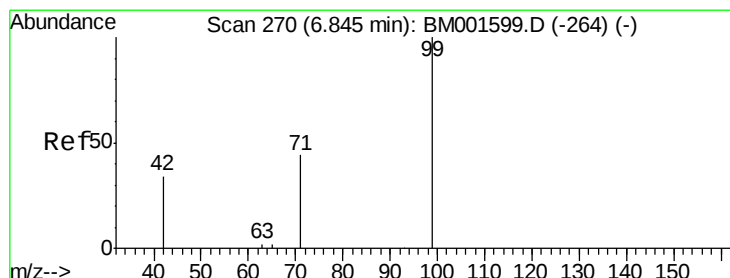
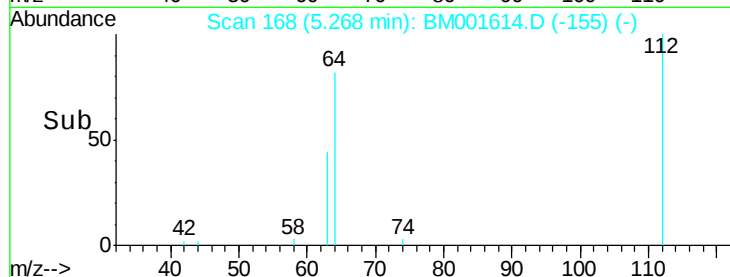
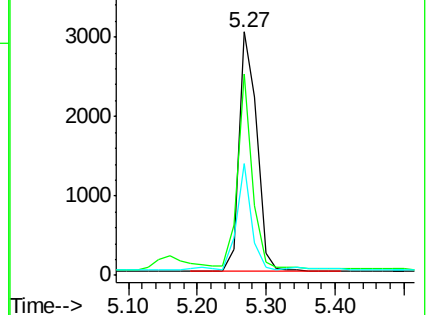
63 37.0 30.5 45.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.36 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

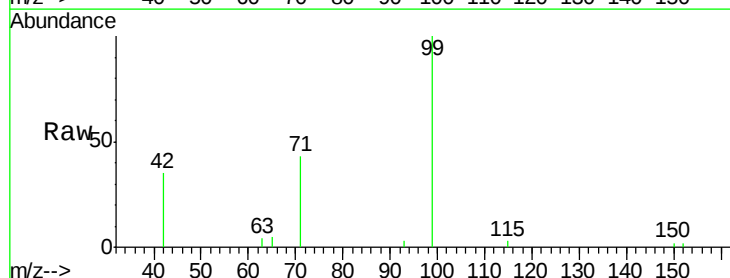
Tgt Ion: 99 Resp: 4418

Ion Ratio Lower Upper

99 100

42 52.4 21.6 32.4#

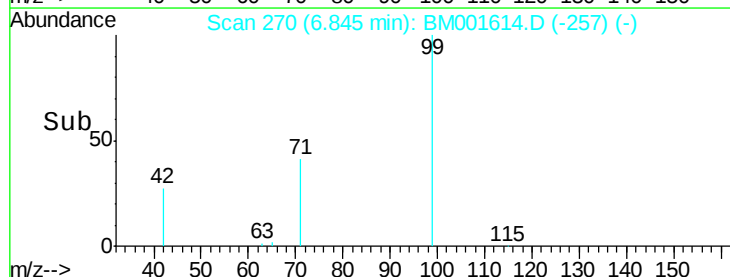
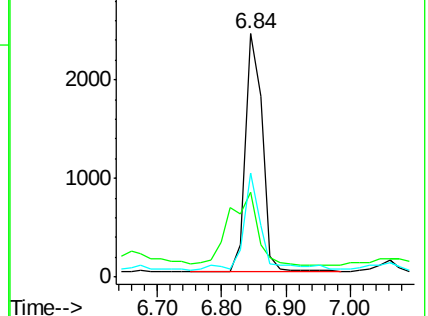
71 43.8 28.7 43.1#

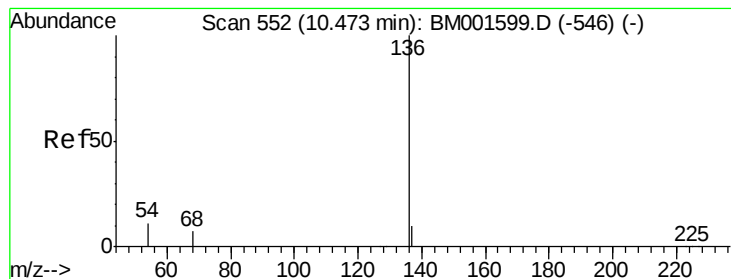


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602

Tgt Ion: 136 Resp: 154258

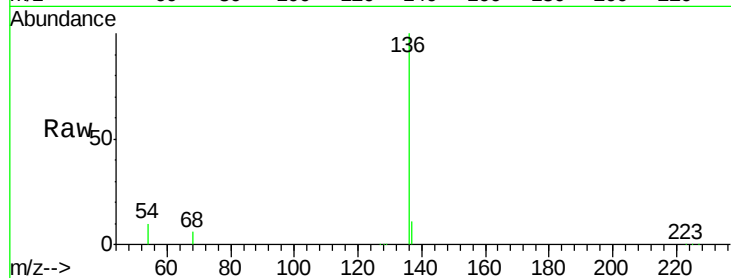
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 10.2 9.2 13.8

68 6.4 5.5 8.3

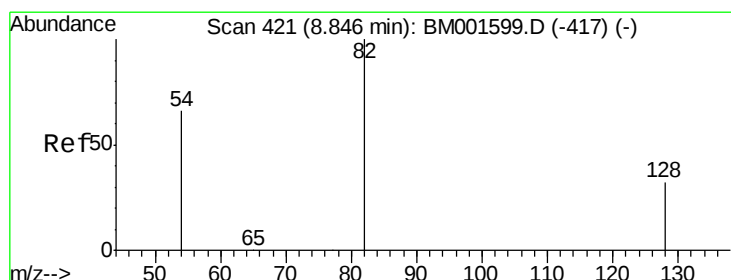
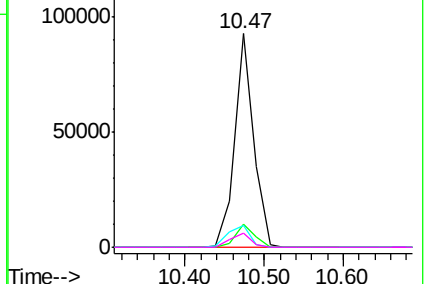
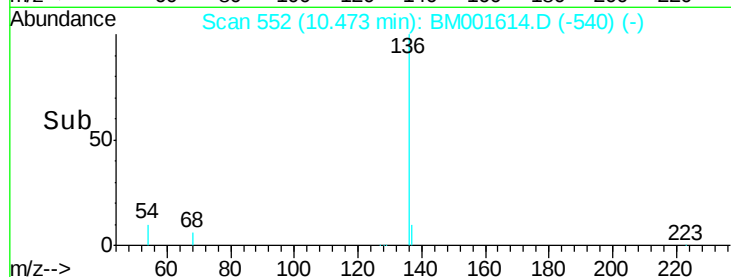


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 1.95 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

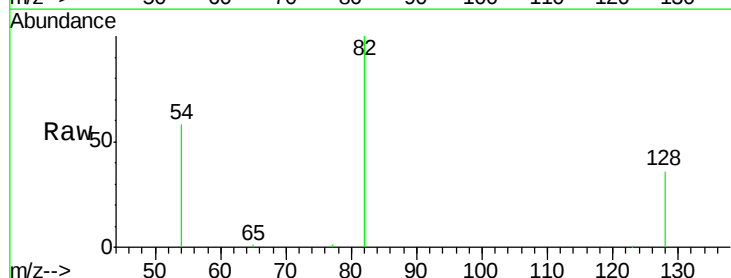
Tgt Ion: 82 Resp: 21197

Ion Ratio Lower Upper

82 100

128 35.5 26.6 40.0

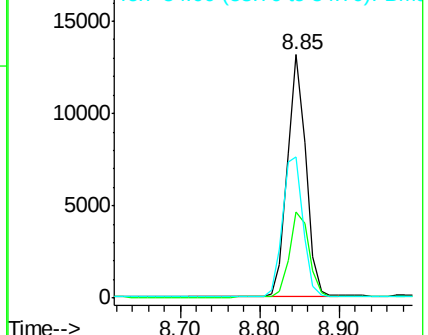
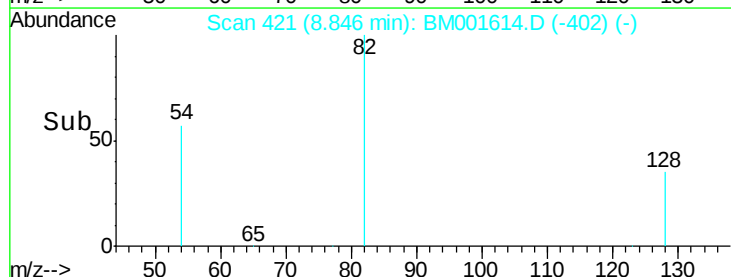
54 57.8 53.0 79.6

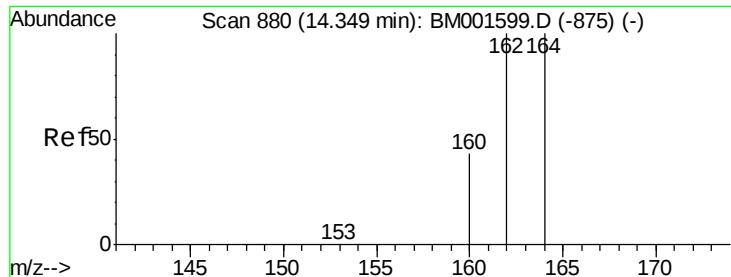


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602

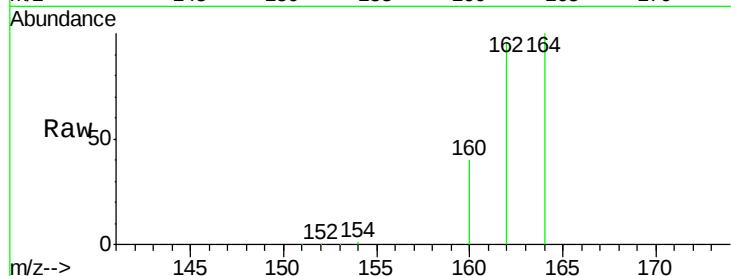
Tgt Ion:164 Resp: 71438

Ion Ratio Lower Upper

164 100

162 96.5 79.8 119.6

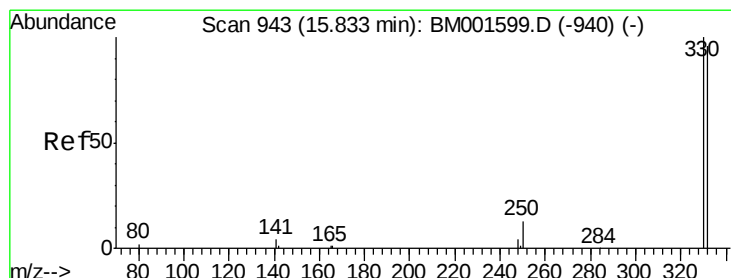
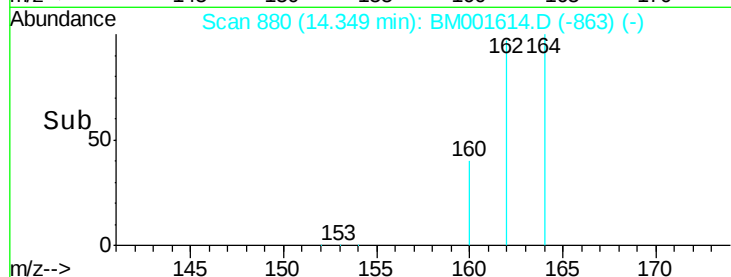
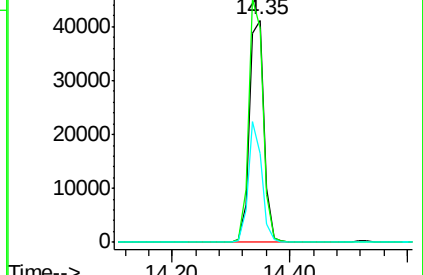
160 39.9 34.6 51.8



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: 2.08 ng

RT: 15.83 min Scan# 943

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

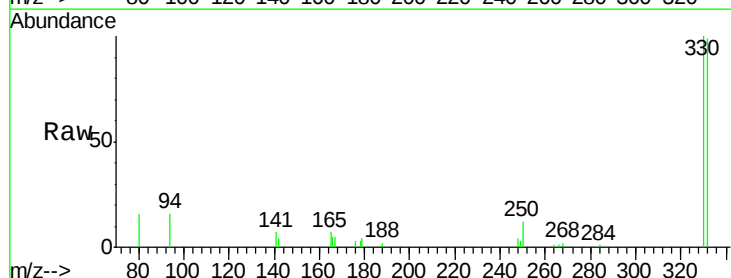
Tgt Ion:330 Resp: 6825

Ion Ratio Lower Upper

330 100

332 98.8 76.7 115.1

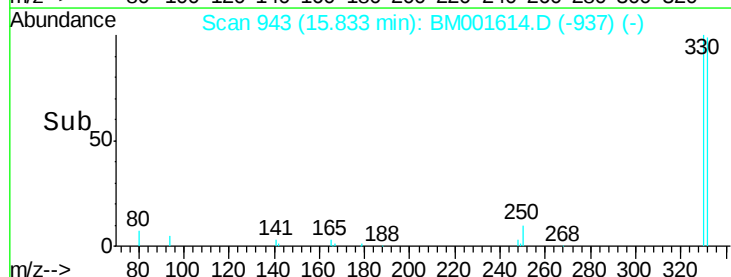
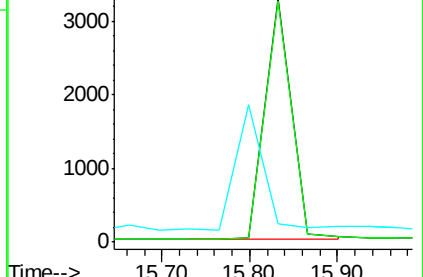
141 0.0 0.0 0.0

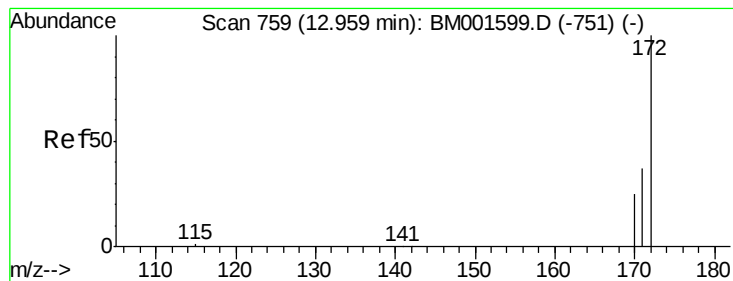


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

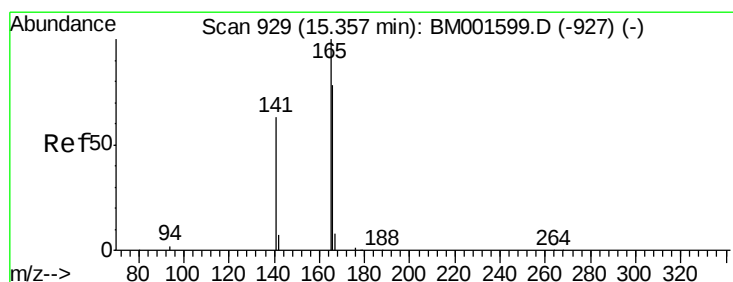
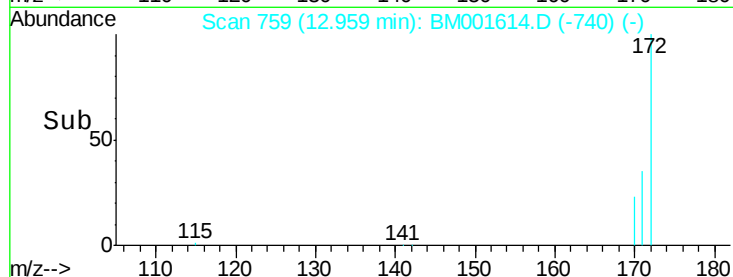
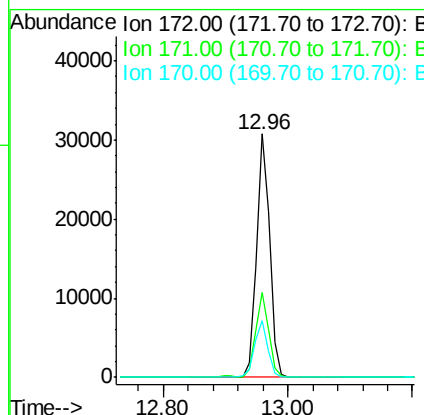
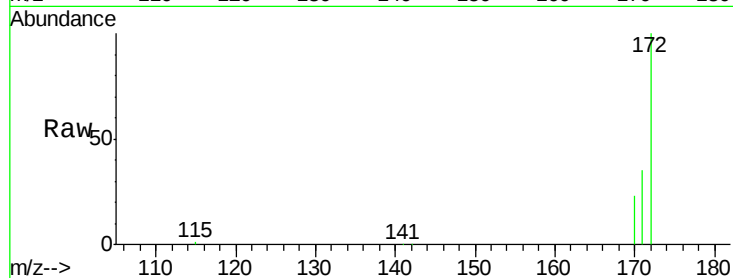




#14
2-Fluorobiphenyl
Concen: 1.95 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001614.D
Acq: 09 Jun 2015 11:45

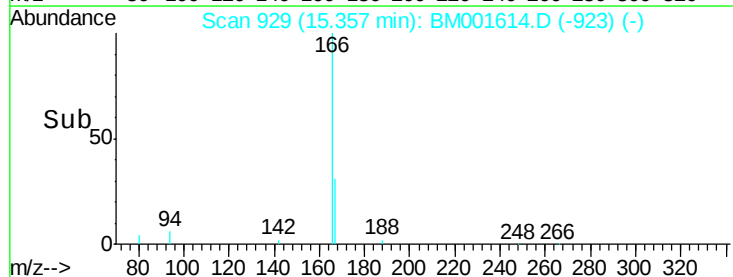
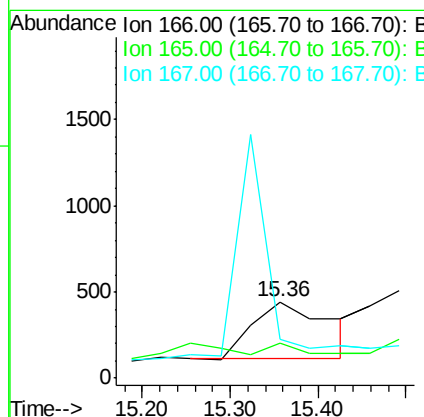
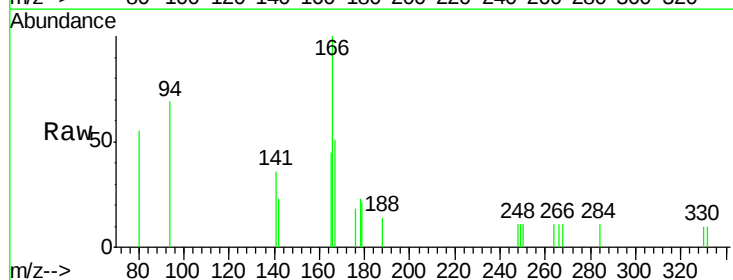
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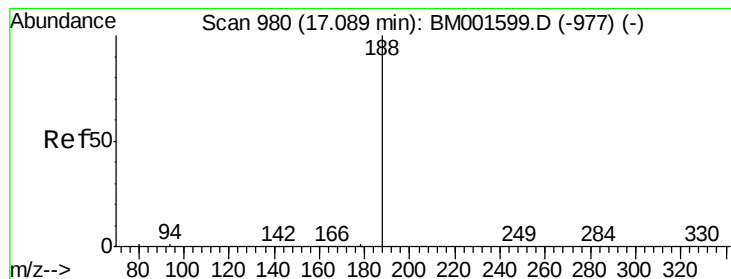
Tgt Ion:172 Resp: 45229
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 23.4 20.6 31.0



#17
Fluorene
Concen: 0.15 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001614.D
Acq: 09 Jun 2015 11:45

Tgt Ion:166 Resp: 2014
Ion Ratio Lower Upper
166 100
165 0.0 87.8 131.8#
167 0.0 10.0 15.0#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602

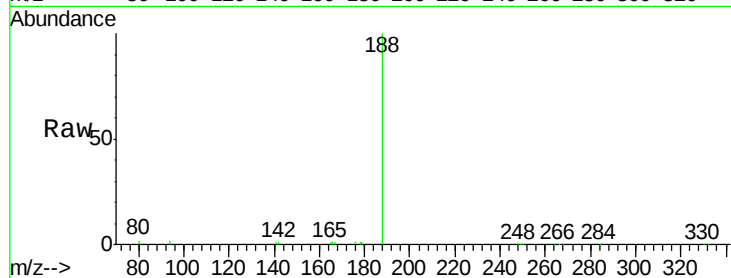
Tgt Ion:188 Resp: 86768

Ion Ratio Lower Upper

188 100

94 1.9 1.0 1.6#

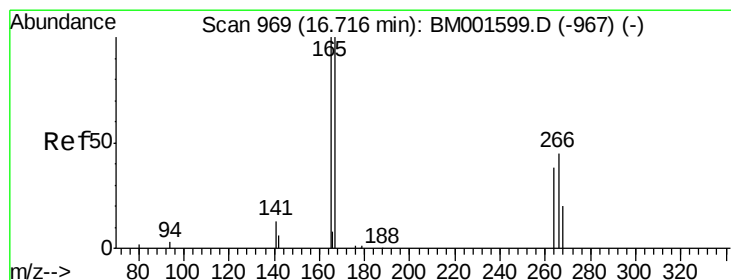
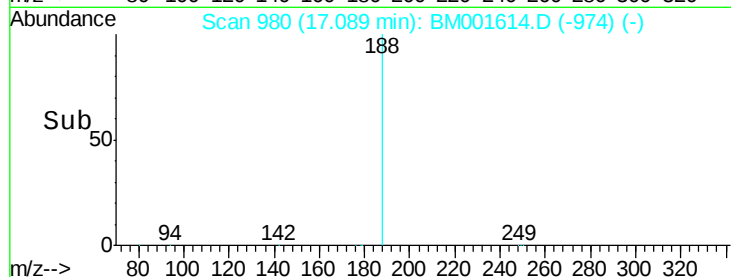
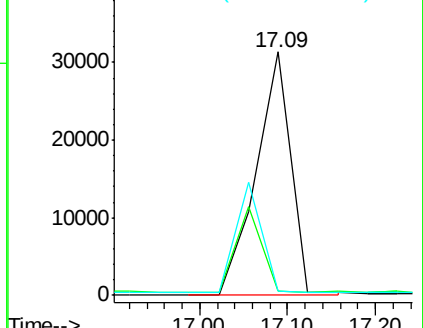
80 1.5 1.0 1.4#



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



#21

Pentachlorophenol

Concen: 0.03 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

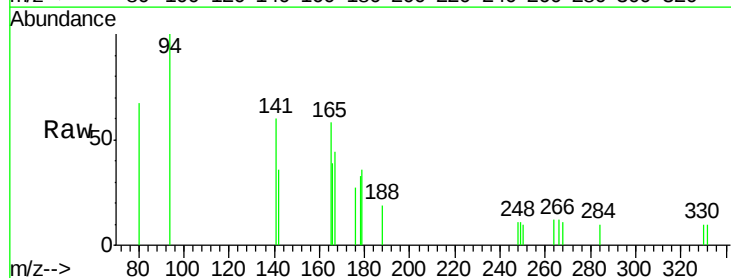
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

268 93.3 45.8 68.8#

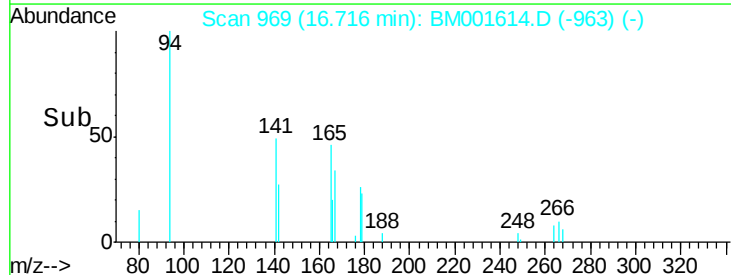
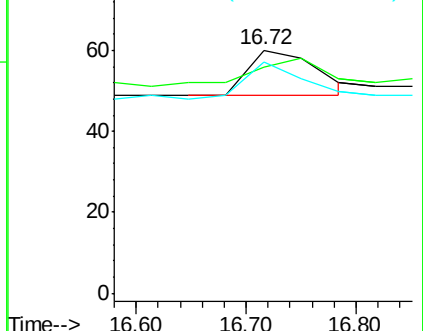
264 95.0 70.6 106.0

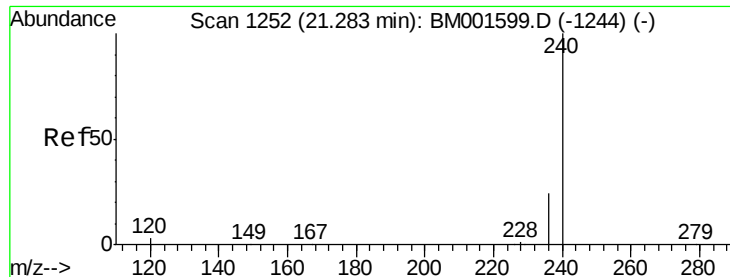


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

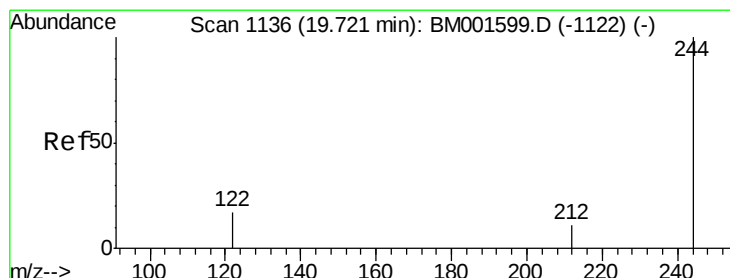
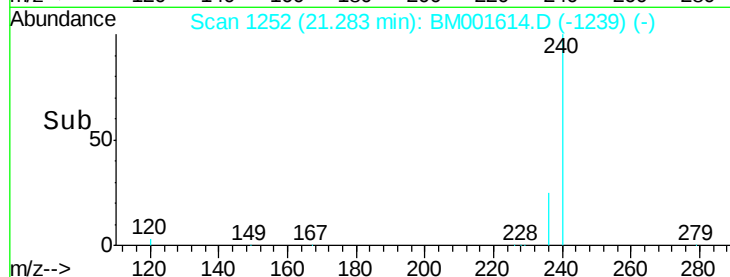
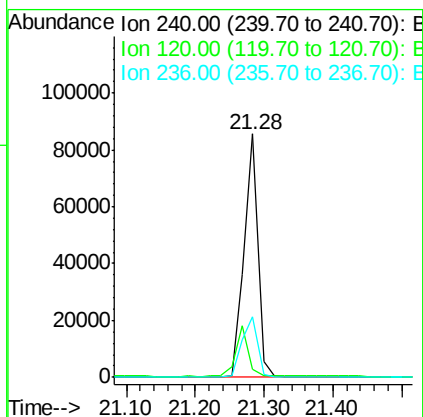
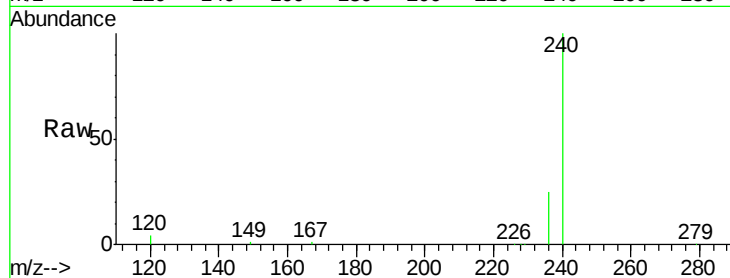
BNA_M

ClientSampleId :

LF016MW001-150602

Tgt Ion:240 Resp: 119293

Ion	Ratio	Lower	Upper
240	100		
120	3.5	2.2	3.4#
236	25.0	19.6	29.4



#27

Terphenyl-d14

Concen: 2.34 ng

RT: 19.72 min Scan# 1136

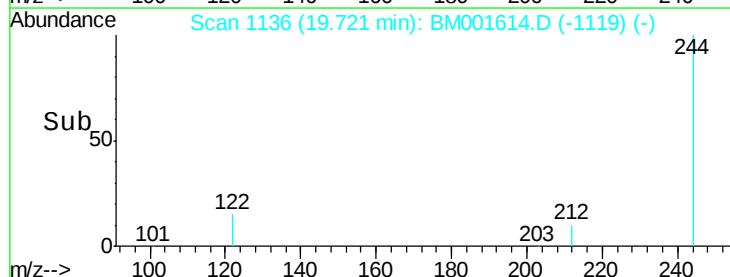
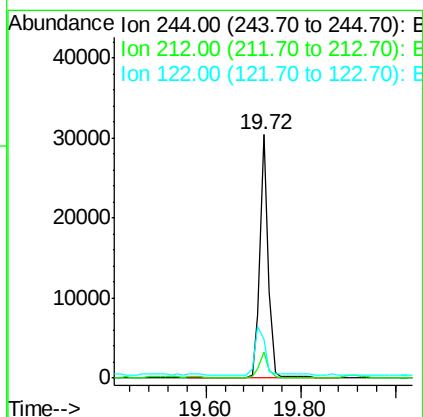
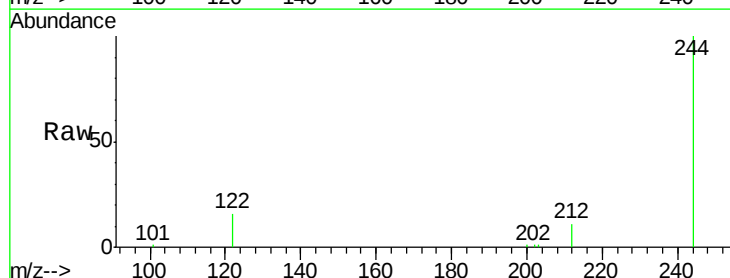
Delta R.T. 0.00 min

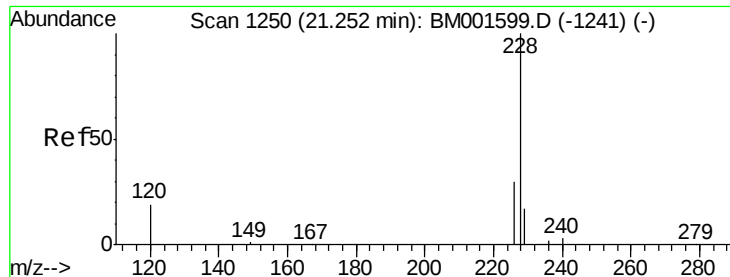
Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Tgt Ion:244 Resp: 36360

Ion	Ratio	Lower	Upper
244	100		
212	10.7	9.2	13.8
122	16.2	14.5	21.7





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602

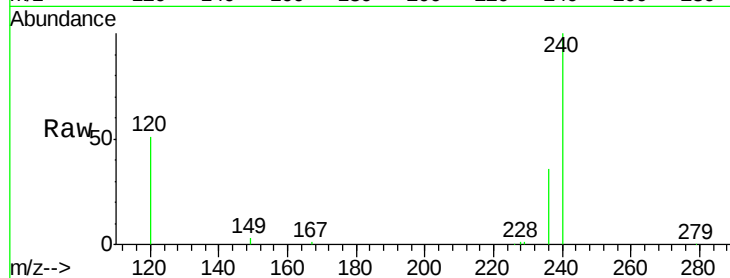
Tgt Ion:228 Resp: 877

Ion Ratio Lower Upper

228 100

226 39.3 24.6 37.0#

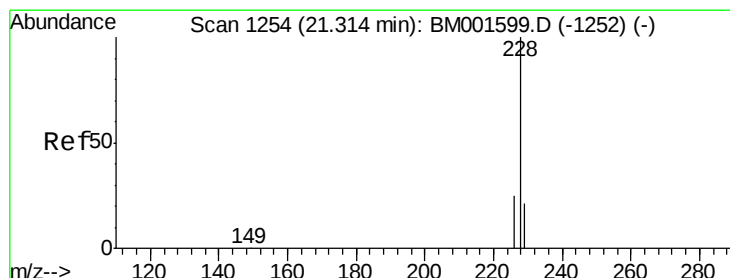
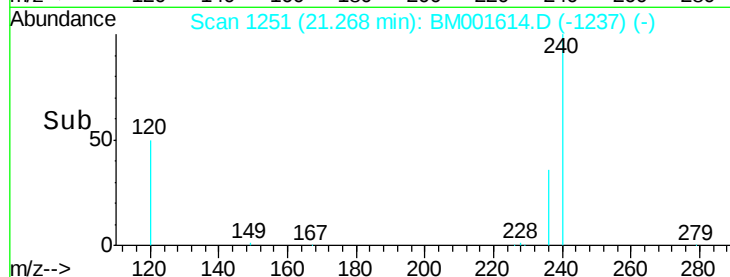
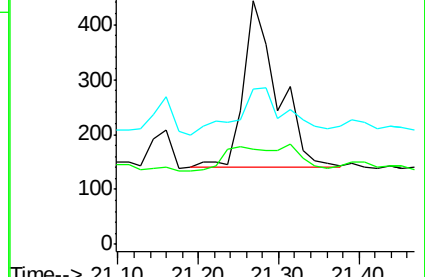
229 63.7 13.8 20.8#



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

Chrysene

Concen: 0.03 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BM001614.D

Acq: 09 Jun 2015 11:45

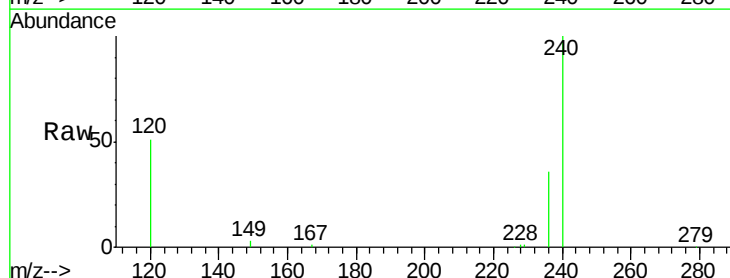
Tgt Ion:228 Resp: 922

Ion Ratio Lower Upper

228 100

226 39.3 20.6 31.0#

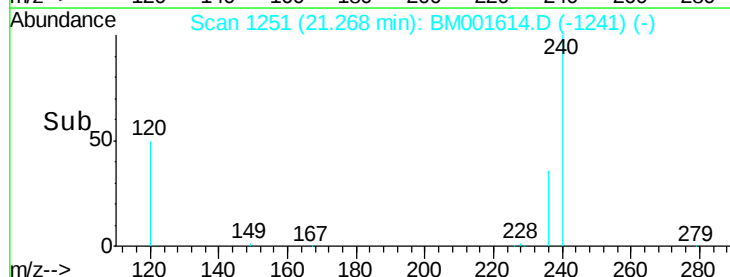
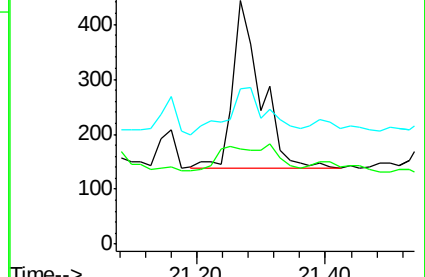
229 63.7 17.4 26.2#

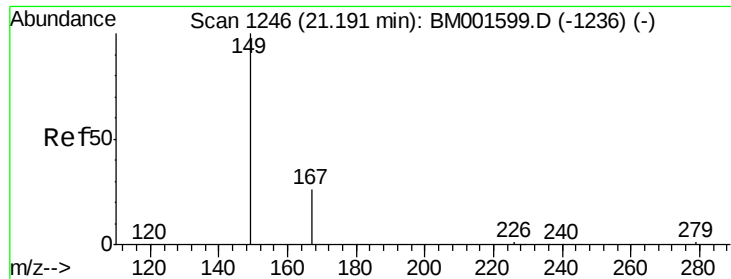


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

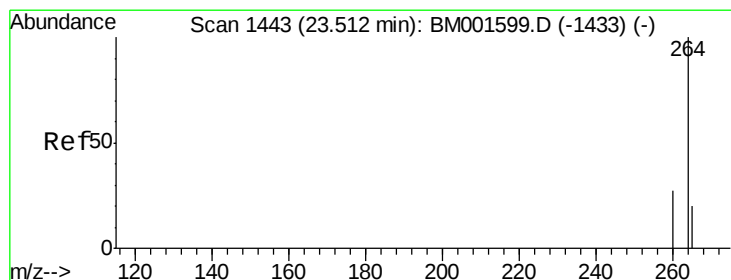
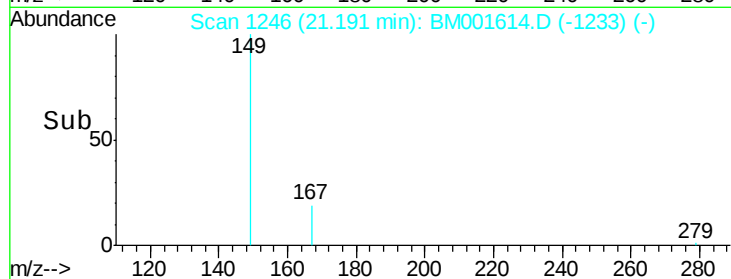
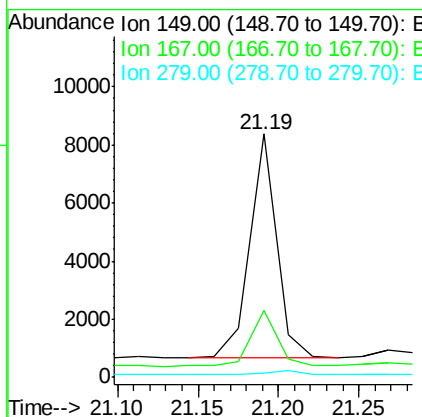
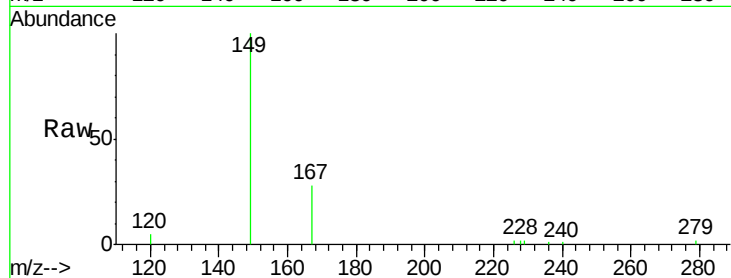




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.44 ng
 RT: 21.19 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM001614.D
 Acq: 09 Jun 2015 11:45

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW001-150602

Tgt Ion:149 Resp: 8872
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.2 30.4
 279 1.9 1.7 2.5



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BM001614.D
 Acq: 09 Jun 2015 11:45

Tgt Ion:264 Resp: 108566
 Ion Ratio Lower Upper
 264 100
 260 24.4 21.8 32.6
 265 22.5 16.8 25.2

