

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121815\
 Data File : BM003612.D
 Acq On : 18 Dec 2015 14:25
 Operator : UM/SJ
 Sample : G4783-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SCVM-EFF

Quant Time: Dec 18 16:31:46 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

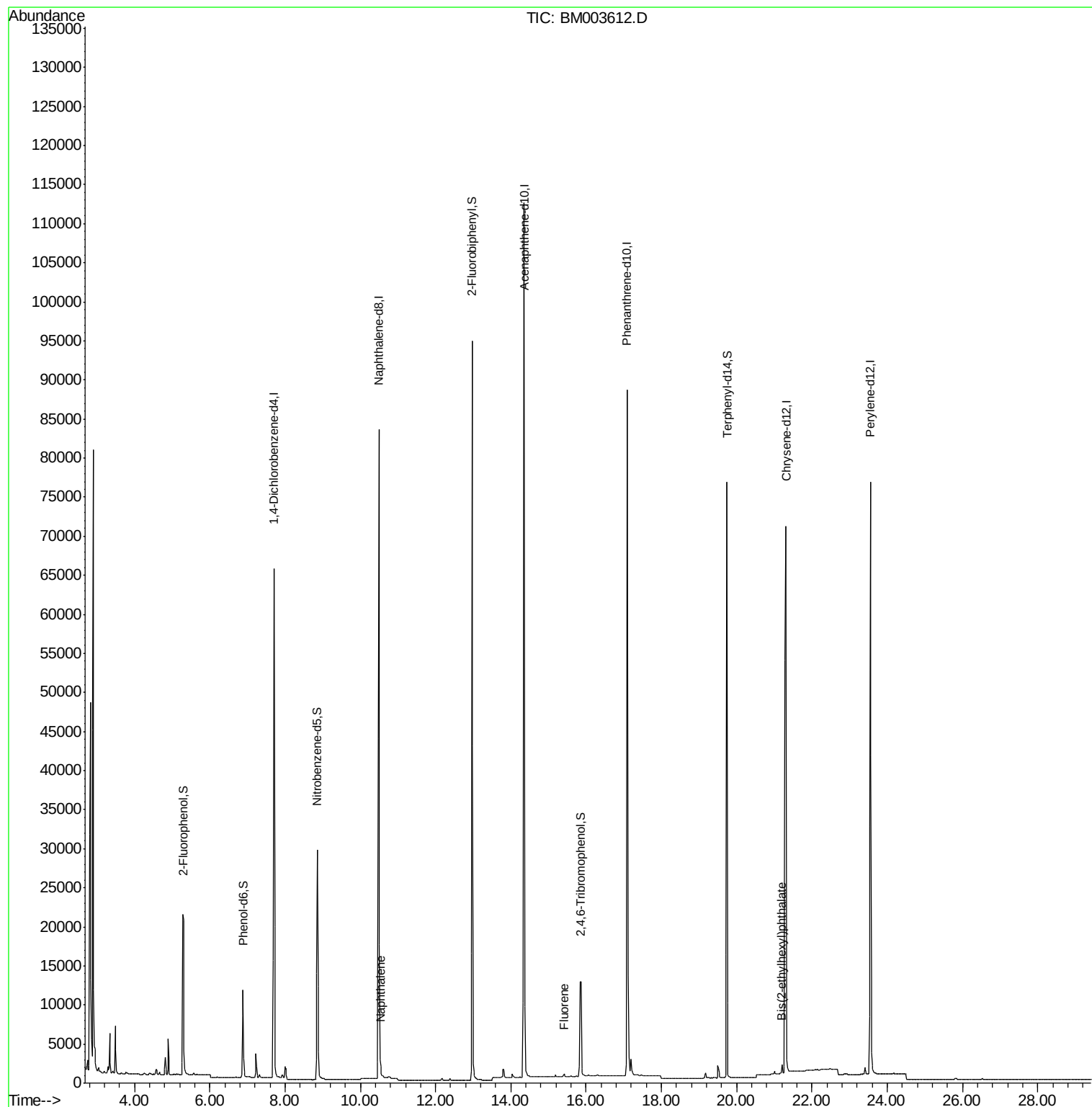
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	32896	5.00	ng	-0.02
7) Naphthalene-d8	10.49	136	124995	5.00	ng	-0.02
13) Acenaphthene-d10	14.35	164	65593	5.00	ng	-0.02
19) Phenanthrene-d10	17.09	188	129185	5.00	ng	-0.03
26) Chrysene-d12	21.31	240	105303	5.00	ng	-0.02
35) Perylene-d12	23.56	264	103477	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	23822	3.63	ng	-0.02
5) Phenol-d6	6.88	99	15493	1.92	ng	0.00
8) Nitrobenzene-d5	8.86	82	29267	5.02	ng	-0.02
14) 2,4,6-Tribromophenol	15.86	330	12633	7.43	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	94158	4.77	ng	-0.02
29) Terphenyl-d14	19.74	244	80963	4.74	ng	-0.02
Target Compounds						
10) Naphthalene	10.54	128	1529	0.06	ng	# 84
18) Fluorene	15.42	166	423	0.02	ng	# 92
33) Bis(2-ethylhexyl)phthalate	21.21	149	1281	0.32	ng	# 96

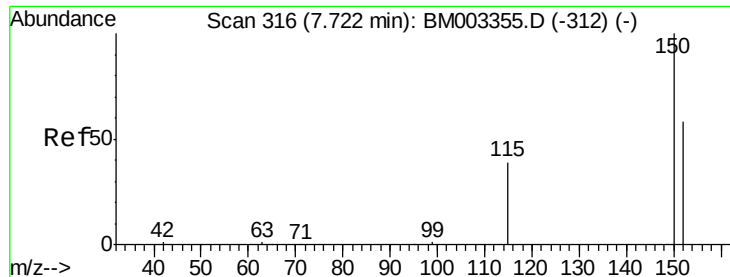
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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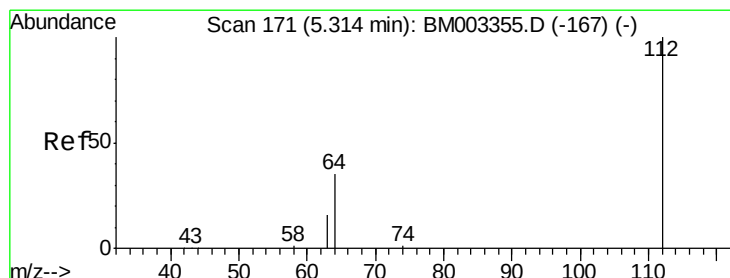
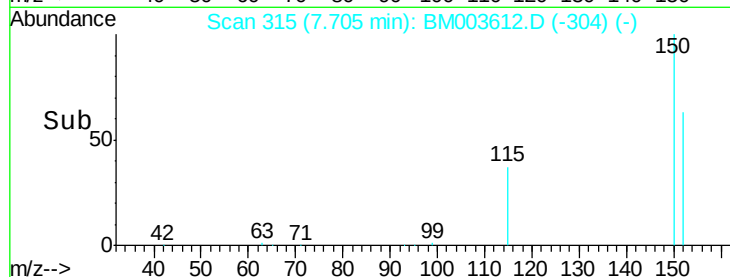
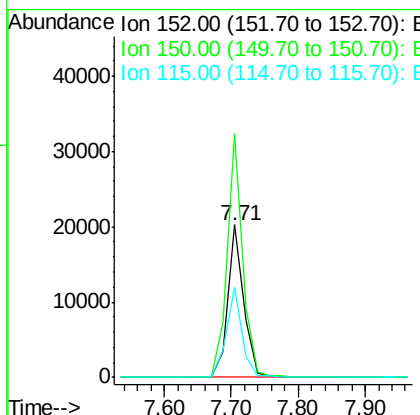
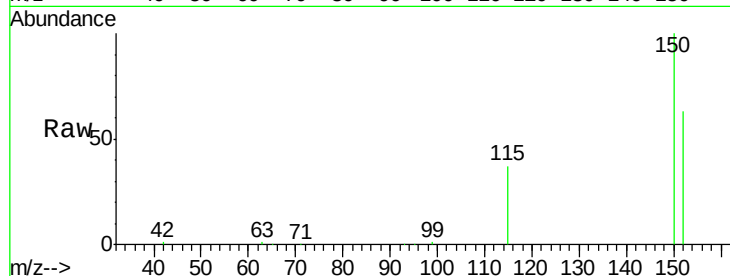




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.71 min Scan# 315
 Delta R.T. -0.02 min
 Lab File: BM003612.D
 Acq: 18 Dec 2015 14:25

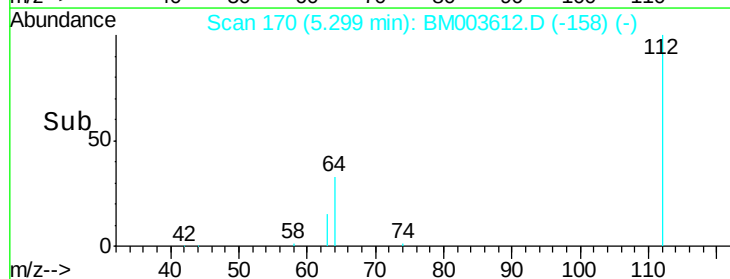
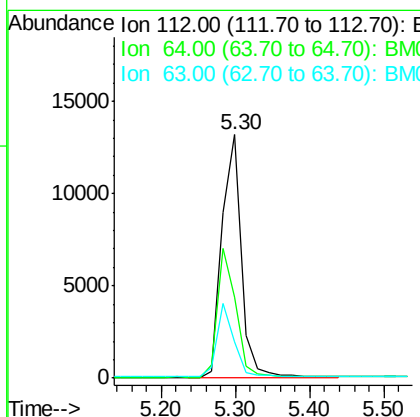
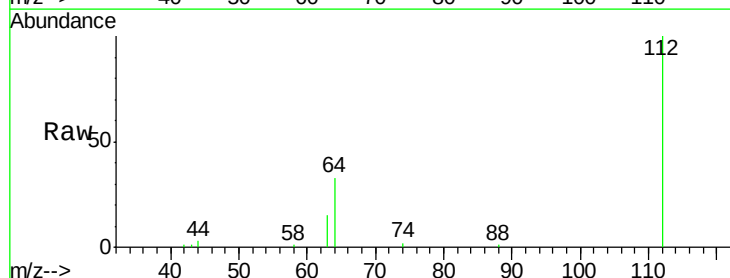
Instrument :
 BNA_M
 ClientSampleId :
 SCVM-EFF

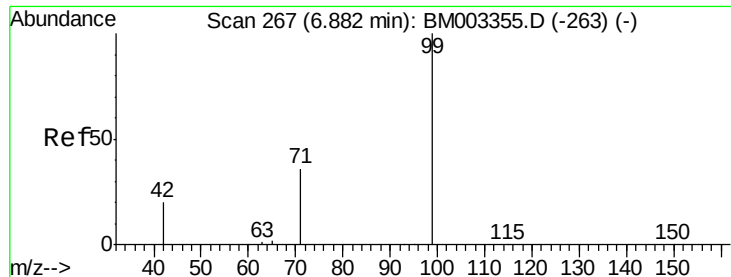
Tot Ion:152 Resp: 32896
 Ion Ratio Lower Upper
 152 100
 150 159.7 143.6 215.4
 115 59.1 58.5 87.7



#4
 2-Fluorophenol
 Concen: 3.63 ng
 RT: 5.30 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BM003612.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:112 Resp: 23822
 Ion Ratio Lower Upper
 112 100
 64 50.9 41.2 61.8
 63 27.4 21.2 31.8





#5

Phenol-d6

Concen: 1.92 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_M

ClientSampled :

SCVM-EFF

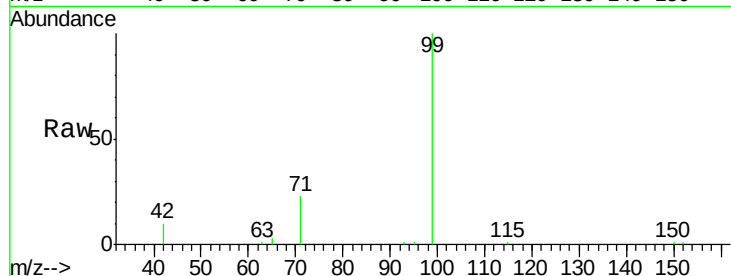
Tot Ion: 99 Resp: 15493

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

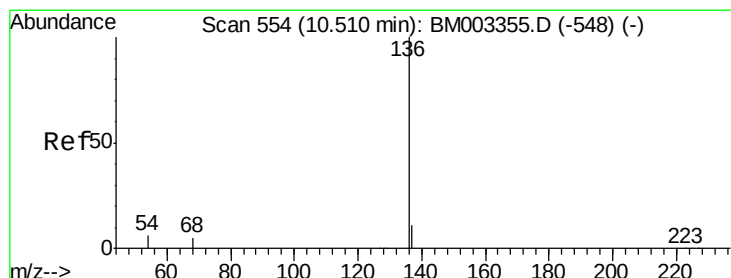
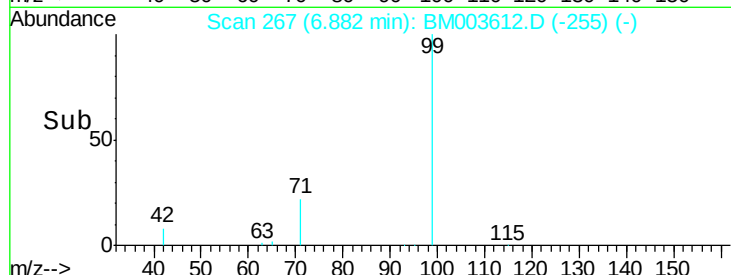
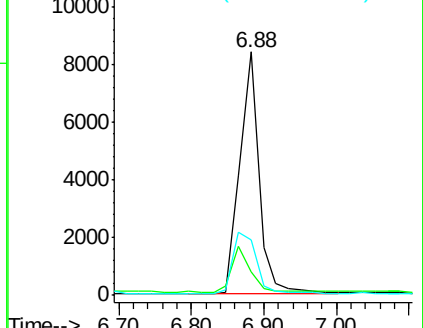
71 30.8 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003355.D (-263) (-)

Ion 42.00 (41.70 to 42.70): BM003355.D (-263) (-)

Ion 71.00 (70.70 to 71.70): BM003355.D (-263) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Tgt Ion: 136 Resp: 124995

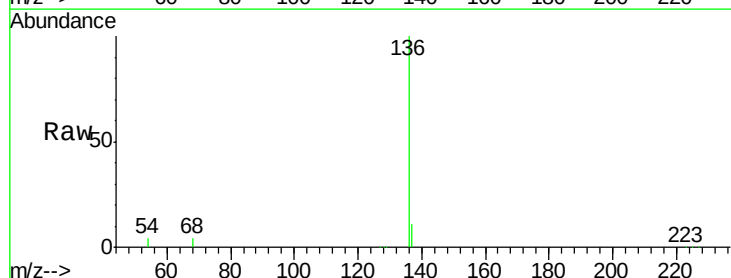
Ion Ratio Lower Upper

136 100

137 11.2 8.0 12.0

54 4.4 7.4 11.0#

68 3.7 5.8 8.6#

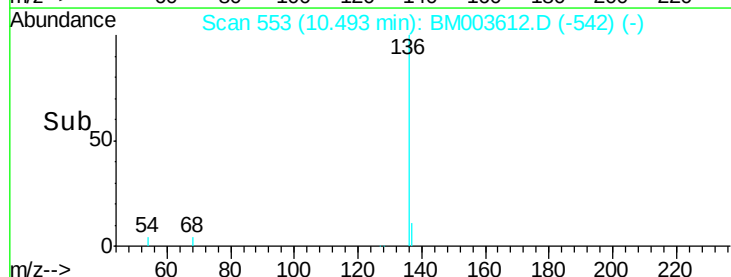
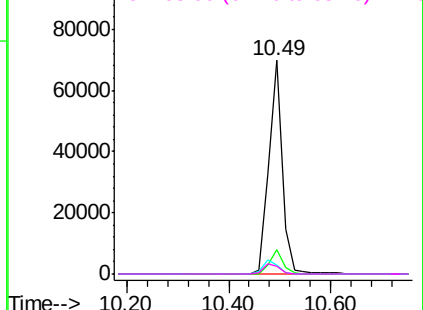


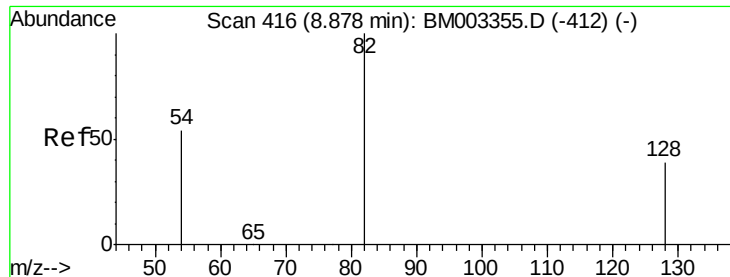
Abundance Ion 136.00 (135.70 to 136.70): BM003355.D (-548) (-)

Ion 137.00 (136.70 to 137.70): BM003355.D (-548) (-)

Ion 54.00 (53.70 to 54.70): BM003355.D (-548) (-)

Ion 68.00 (67.70 to 68.70): BM003355.D (-548) (-)





#8

Nitrobenzene-d5

Concen: 5.02 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_M

ClientSampleId :

SCVM-EFF

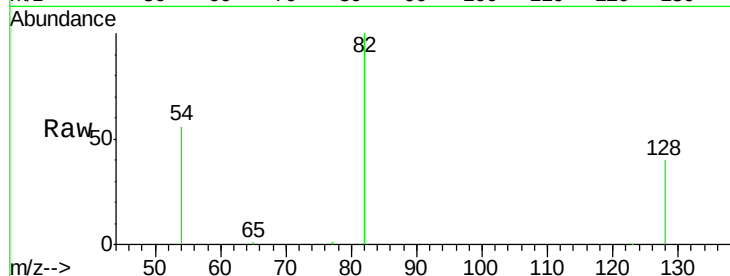
Tot Ion: 82 Resp: 29267

Ion Ratio Lower Upper

82 100

128 40.1 35.2 52.8

54 56.2 36.4 54.6#

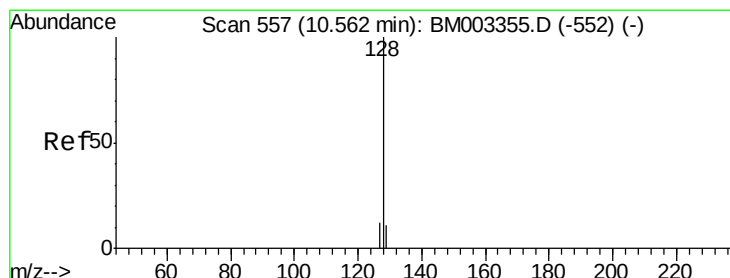
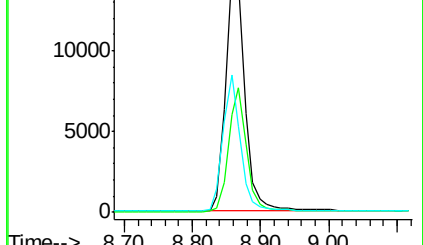
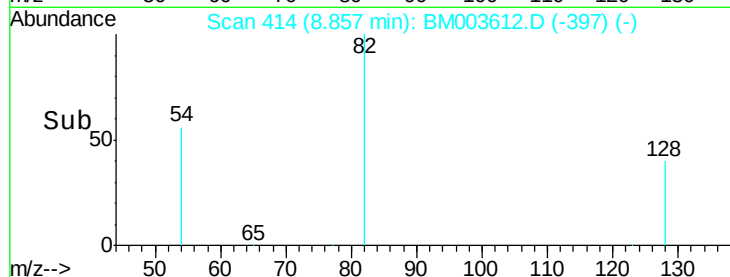


Abundance Ion 82.00 (81.70 to 82.70): BM003355.D (-412) (-)

Ion 128.00 (127.70 to 128.70): BM003355.D (-412) (-)

Ion 54.00 (53.70 to 54.70): BM003355.D (-412) (-)

Time-->



#10

Naphthalene

Concen: 0.06 ng

RT: 10.54 min Scan# 556

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

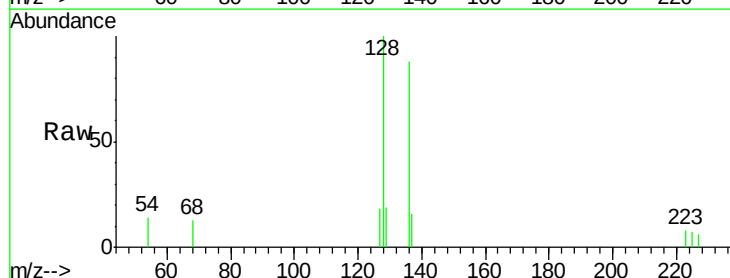
Tgt Ion: 128 Resp: 1529

Ion Ratio Lower Upper

128 100

129 18.7 8.5 12.7#

127 17.9 10.6 16.0#

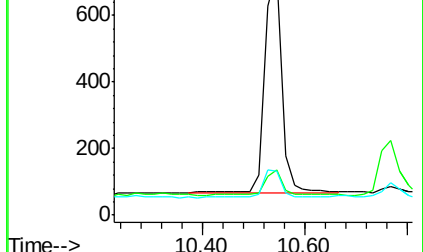
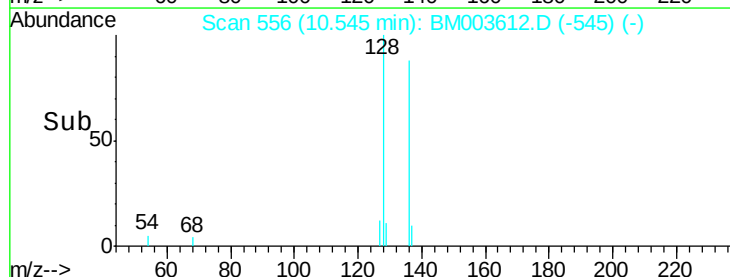


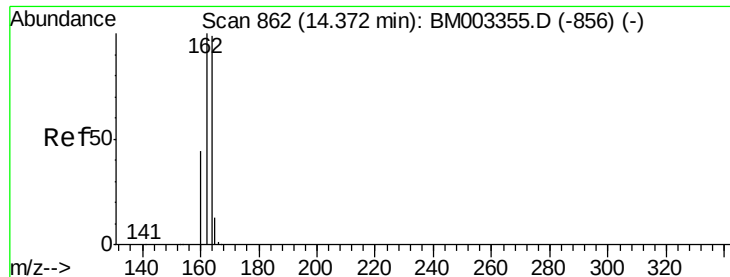
Abundance Ion 128.00 (127.70 to 128.70): BM003355.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM003355.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM003355.D (-552) (-)

Time-->





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 861

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_M

ClientSampleId :

SCVM-EFF

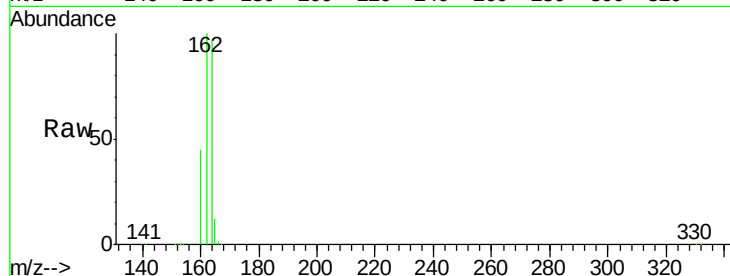
Tot Ion:164 Resp: 65593

Ion Ratio Lower Upper

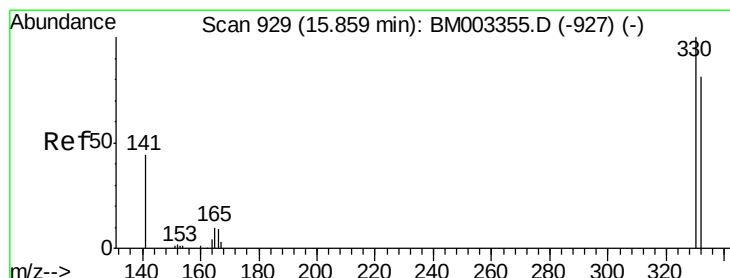
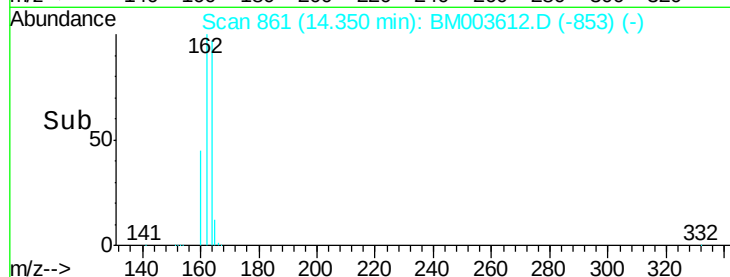
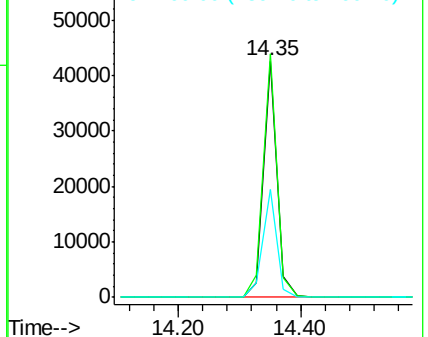
164 100

162 102.9 78.3 117.5

160 45.9 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 7.43 ng

RT: 15.86 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

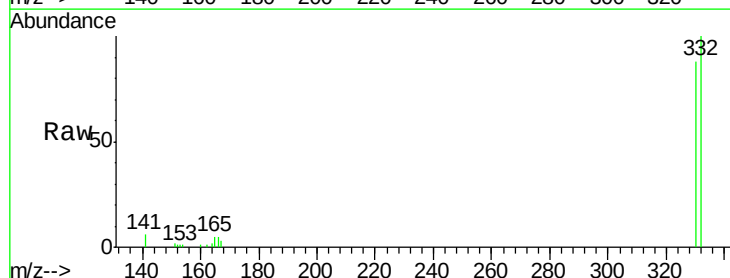
Tgt Ion:330 Resp: 12633

Ion Ratio Lower Upper

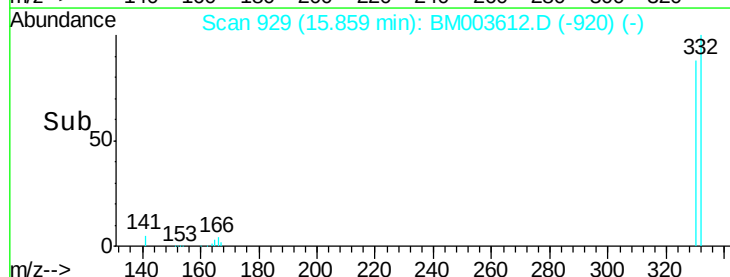
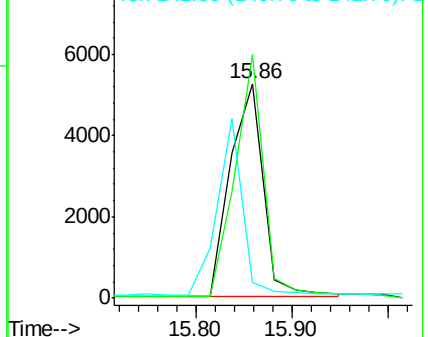
330 100

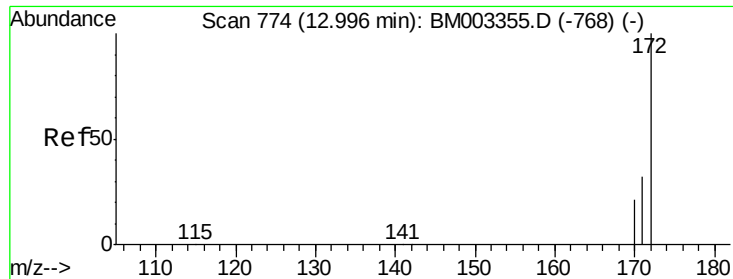
332 97.6 76.0 114.0

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

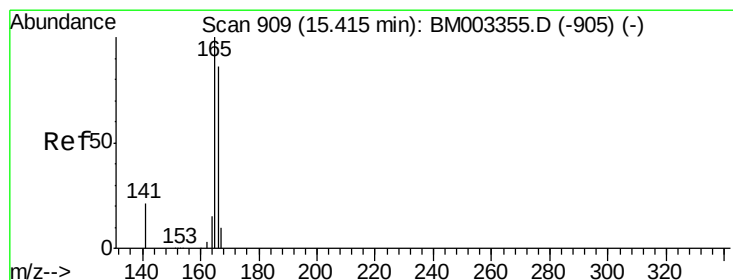
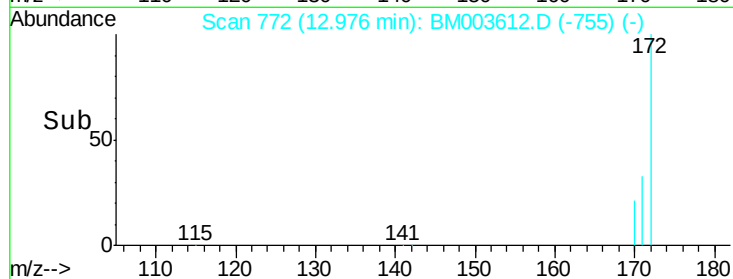
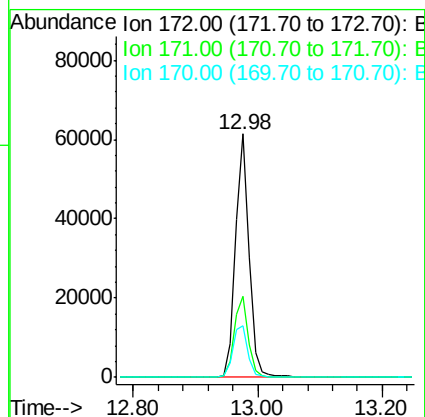
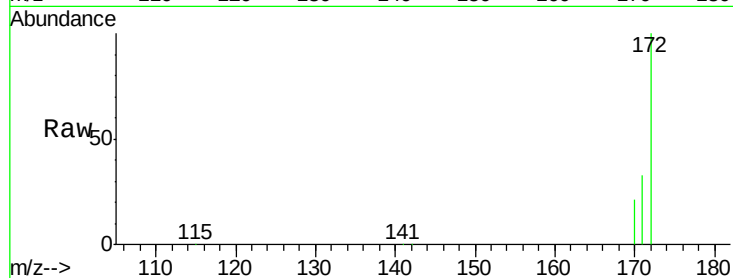




#15
2-Fluorobiphenyl
Concen: 4.77 ng
RT: 12.98 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM003612.D
Acq: 18 Dec 2015 14:25

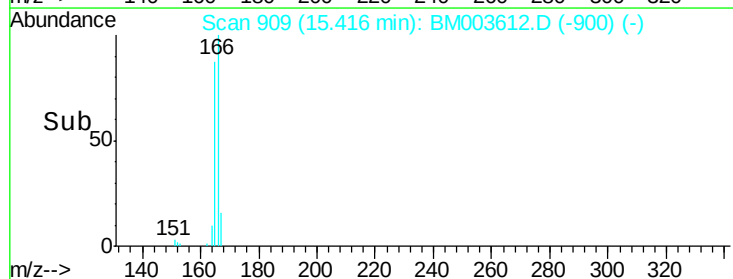
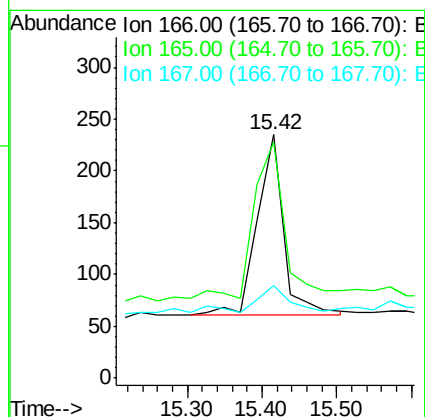
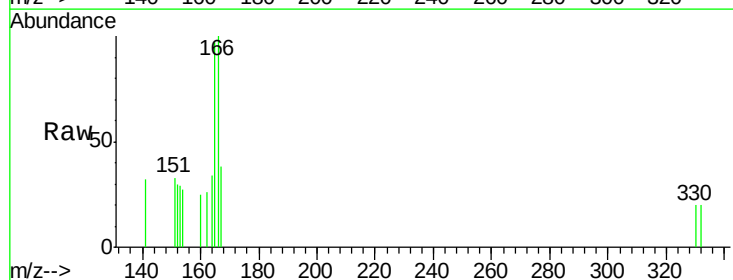
Instrument :
BNA_M
ClientSampleId :
SCVM-EFF

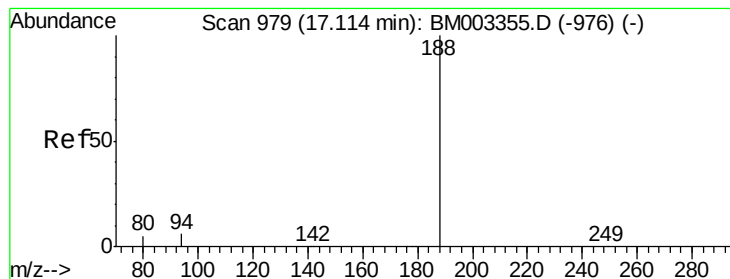
Tot Ion:172 Resp: 94158
Ion Ratio Lower Upper
172 100
171 33.1 28.0 42.0
170 21.0 18.9 28.3



#18
Fluorene
Concen: 0.02 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM003612.D
Acq: 18 Dec 2015 14:25

Tgt Ion:166 Resp: 423
Ion Ratio Lower Upper
166 100
165 107.1 80.8 121.2
167 23.4 10.5 15.7#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. -0.03 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_M

ClientSampleId :

SCVM-EFF

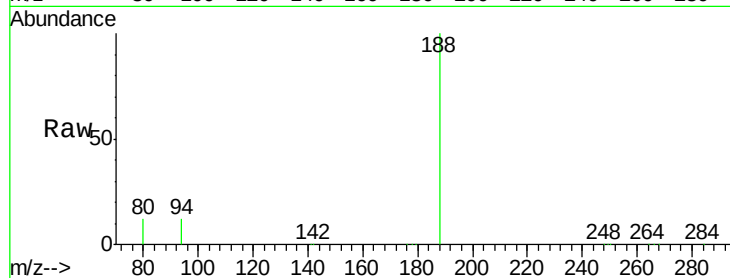
Tot Ion:188 Resp: 129185

Ion Ratio Lower Upper

188 100

94 12.1 1.8 2.6#

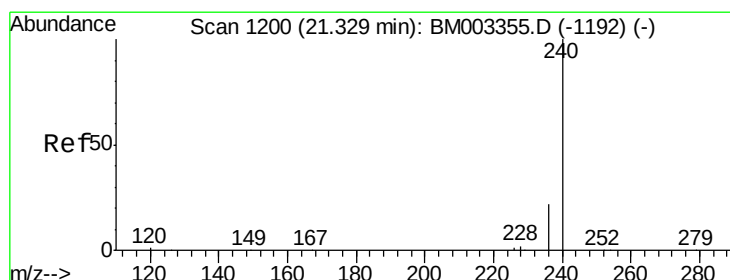
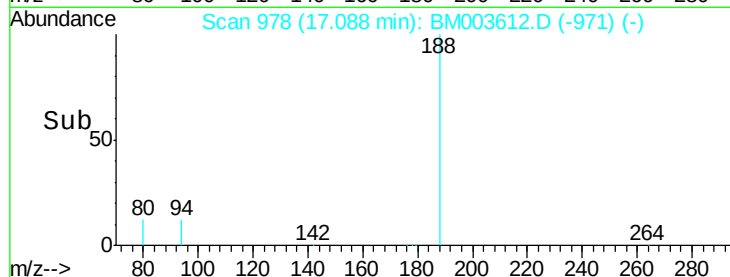
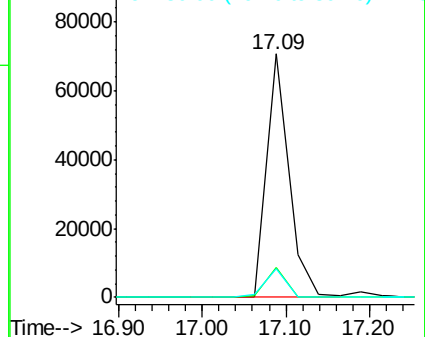
80 11.8 1.4 2.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

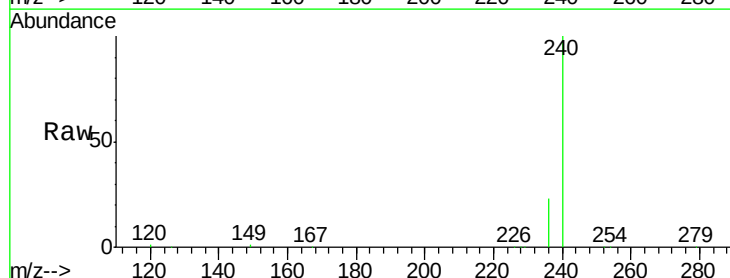
Tgt Ion:240 Resp: 105303

Ion Ratio Lower Upper

240 100

120 1.3 1.0 1.4

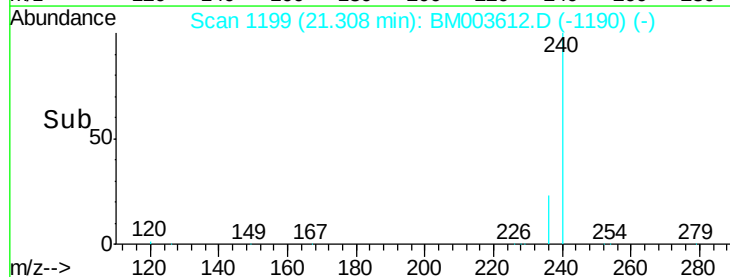
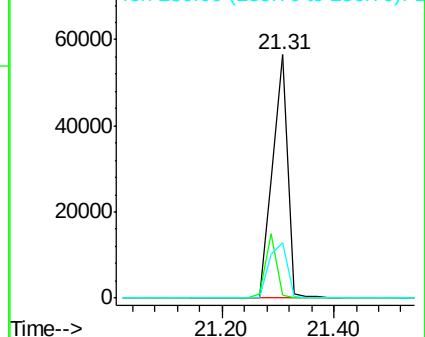
236 22.6 17.9 26.9

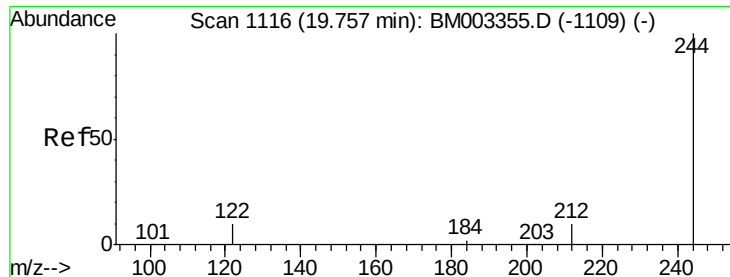


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.74 ng

RT: 19.74 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_M

ClientSampleId :

SCVM-EFF

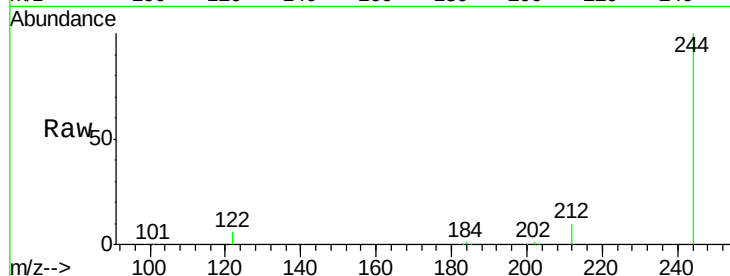
Tot Ion:244 Resp: 80963

Ion Ratio Lower Upper

244 100

212 9.7 6.5 9.7#

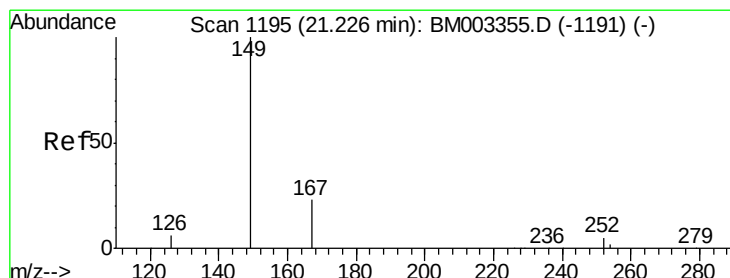
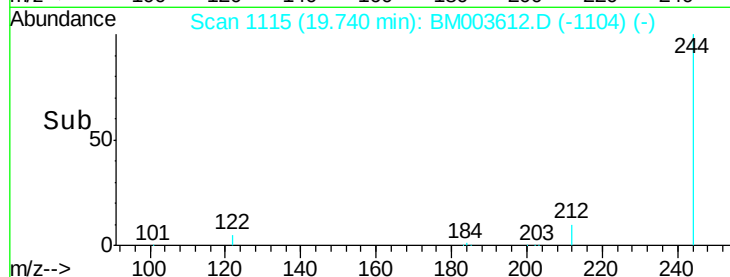
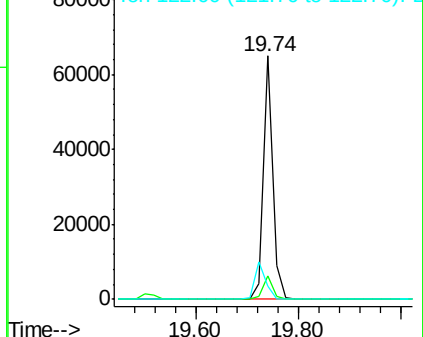
122 5.6 2.0 3.0#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

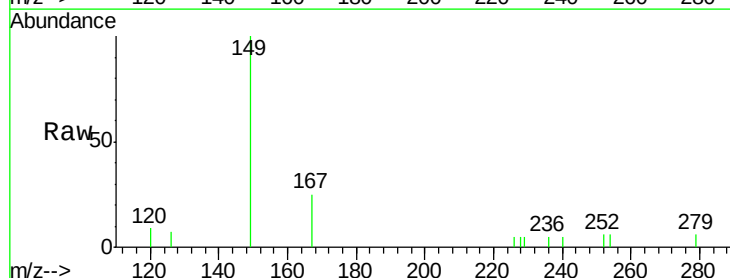
Tgt Ion:149 Resp: 1281

Ion Ratio Lower Upper

149 100

167 22.3 19.6 29.4

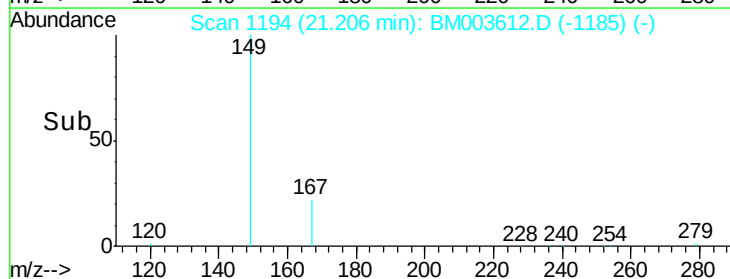
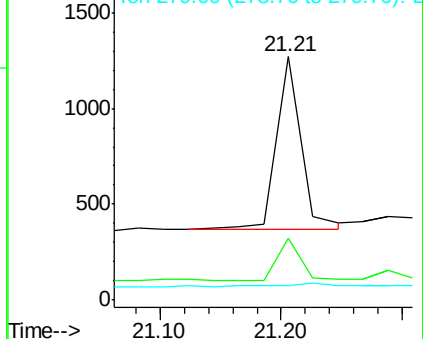
279 0.0 0.0 0.0

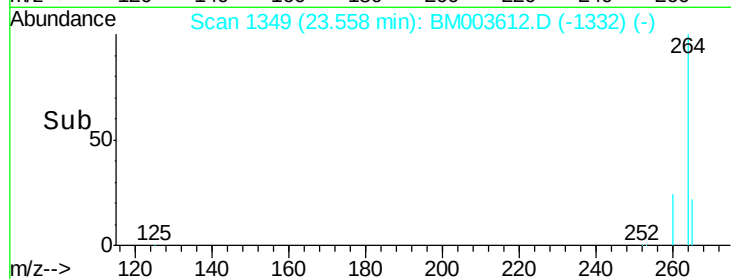
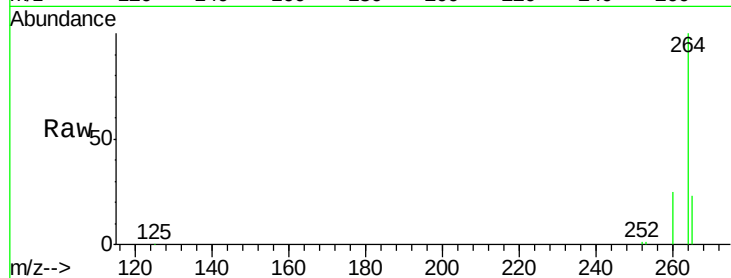
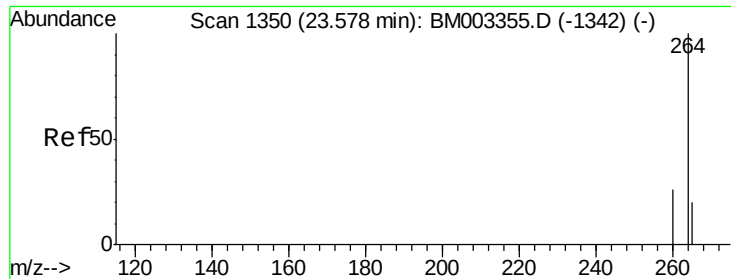


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.56 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BM003612.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_M

ClientSampleId :

SCVM-EFF

Tot Ion:264 Resp: 103477

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.5 18.4 27.6

