

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003441.D
 Acq On : 10 Dec 2015 08:17
 Operator : UM/IZ
 Sample : G4690-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 11:26:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

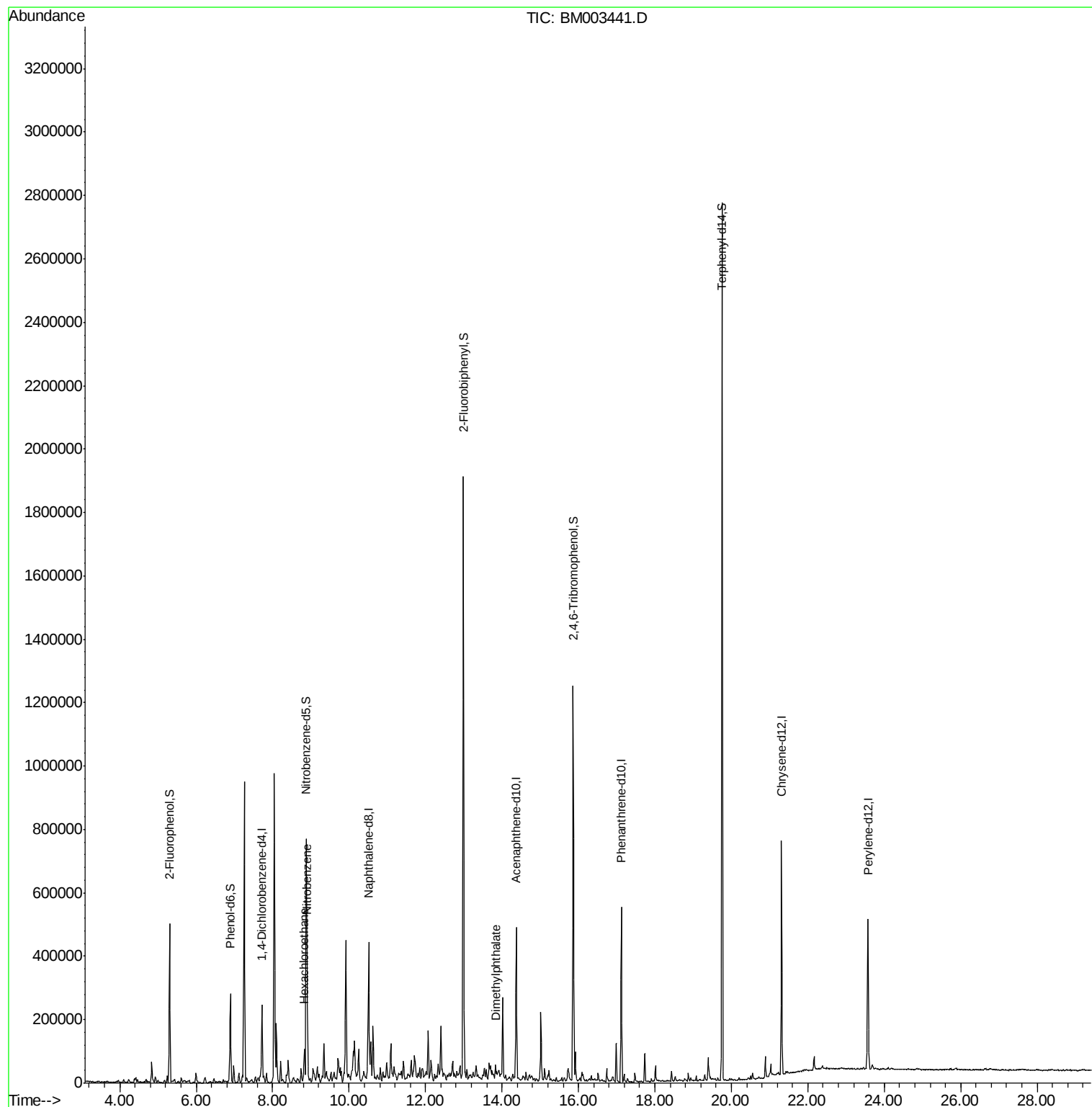
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	66958	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	275141	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	150616	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	315556	20.00	ng	0.00
75) Chrysene-d12	21.32	240	335023	20.00	ng	0.00
86) Perylene-d12	23.57	264	335241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	225399	59.85	ng	0.00
7) Phenol-d6	6.89	99	174696	33.40	ng	0.00
23) Nitrobenzene-d5	8.88	82	434243	97.86	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	220348	146.49	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1000931	90.54	ng	0.00
78) Terphenyl-d14	19.76	244	1151754	81.07	ng	0.00
Target Compounds						
18) Hexachloroethane	8.83	117	23857	12.85	ng	# 34
24) Nitrobenzene	8.90	77	11166	2.33	ng	# 7
49) Dimethylphthalate	13.83	163	27156	2.19	ng	# 99

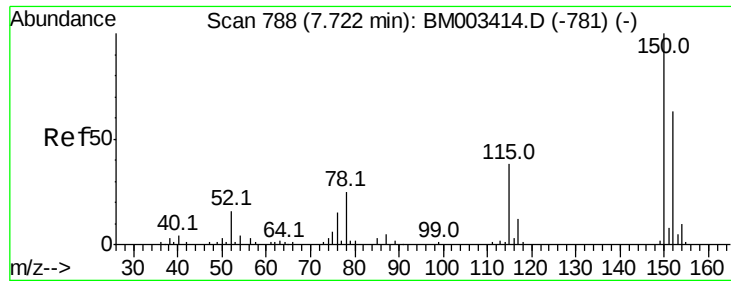
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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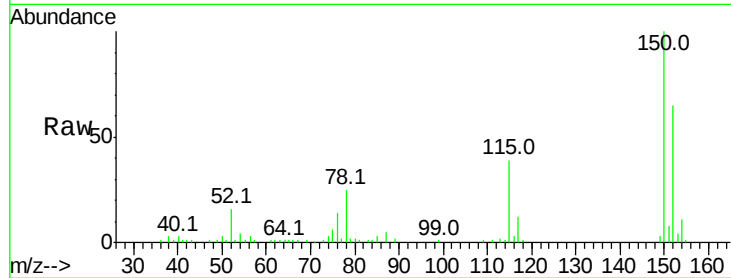


#1

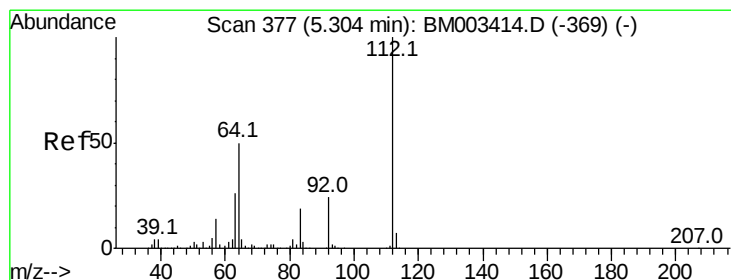
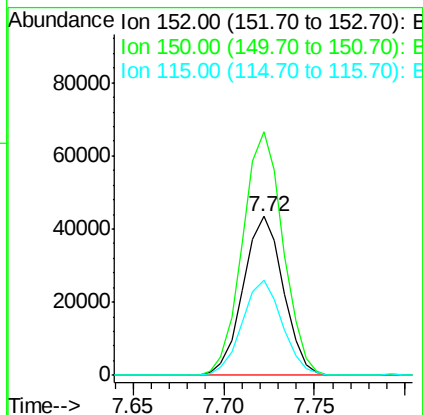
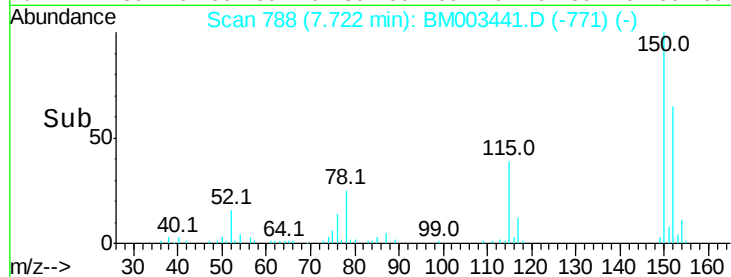
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003441.D
Acq: 10 Dec 2015 08:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 66958
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 59.5 43.0 64.4



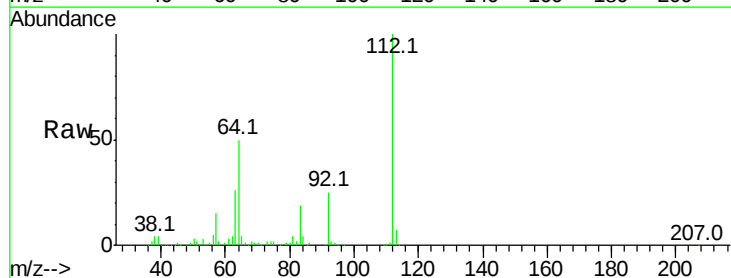
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



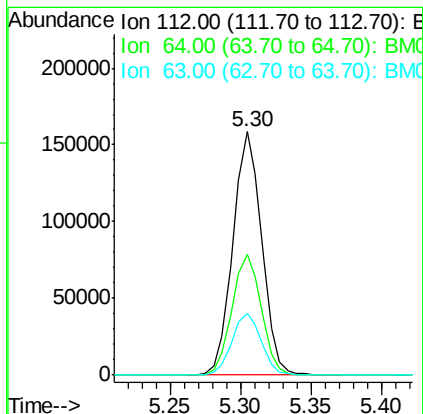
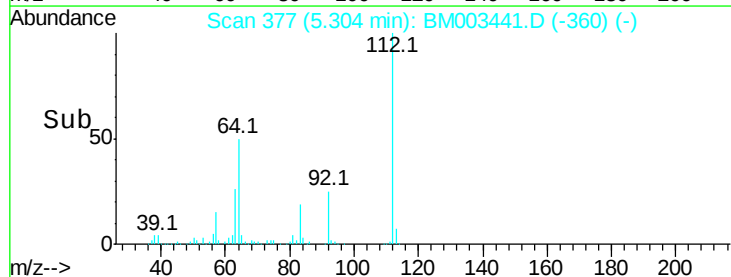
#5

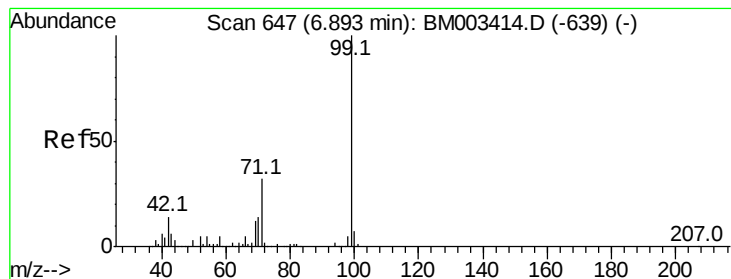
2-Fluorophenol
Concen: 59.85 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003441.D
Acq: 10 Dec 2015 08:17

Tgt Ion:112 Resp: 225399
Ion Ratio Lower Upper
112 100
64 49.5 38.6 57.8
63 25.6 19.3 28.9



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





#7

Phenol-d6

Concen: 33.40 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

Instrument :

BNA_M

ClientSampleId :

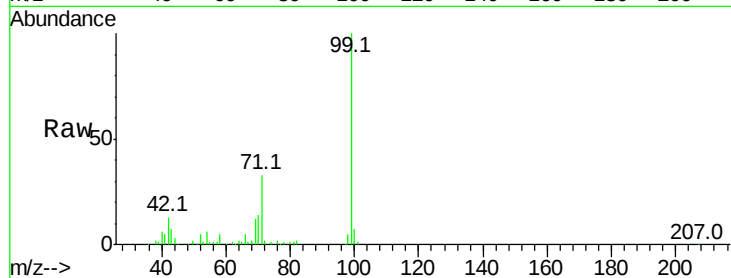
Tot Ion: 99 Resp: 174696

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

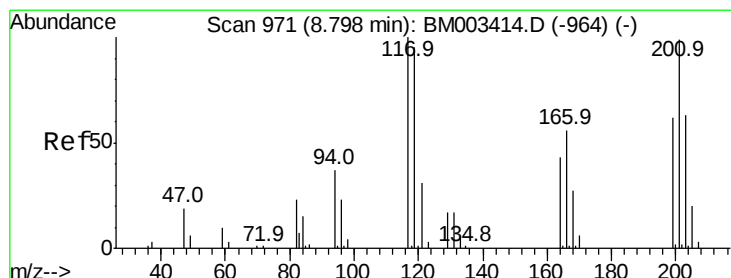
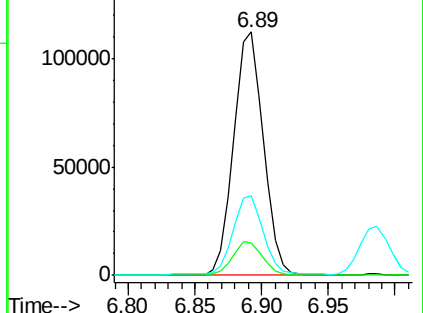
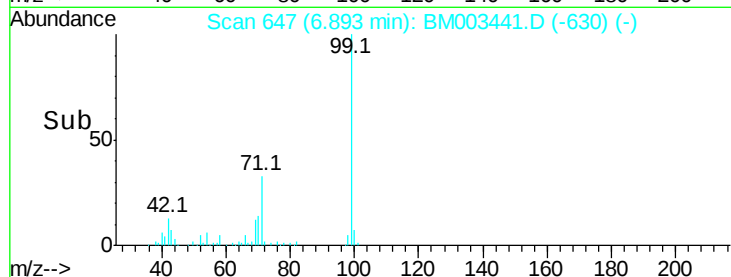
71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003441.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003441.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003441.D (-639) (-)



#18

Hexachloroethane

Concen: 12.85 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.03 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

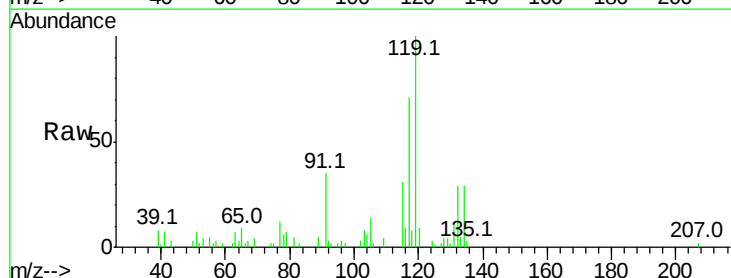
Tgt Ion: 117 Resp: 23857

Ion Ratio Lower Upper

117 100

119 139.9 79.2 118.8#

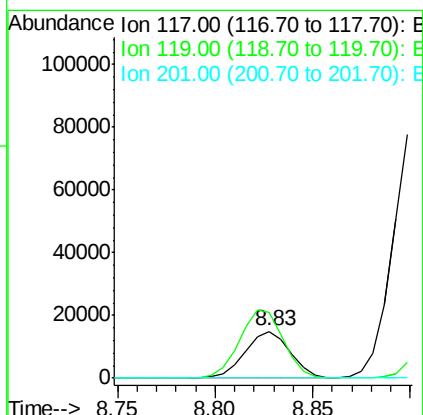
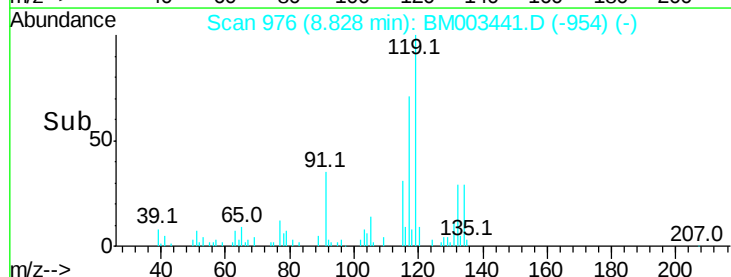
201 0.0 69.8 104.6#

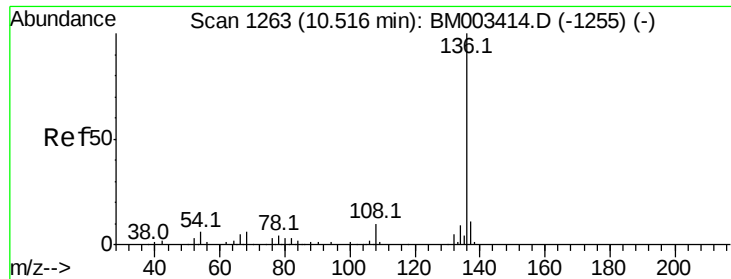


Abundance Ion 117.00 (116.70 to 117.70): BM003441.D (-954) (-)

Ion 119.00 (118.70 to 119.70): BM003441.D (-954) (-)

Ion 201.00 (200.70 to 201.70): BM003441.D (-954) (-)

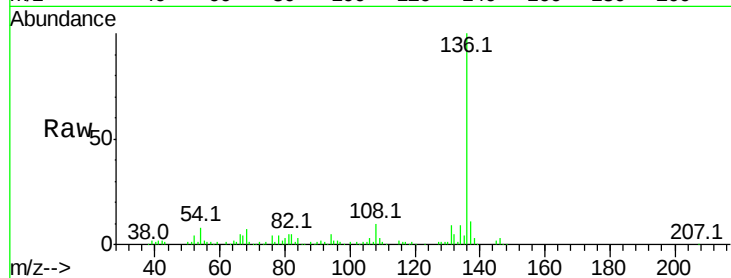




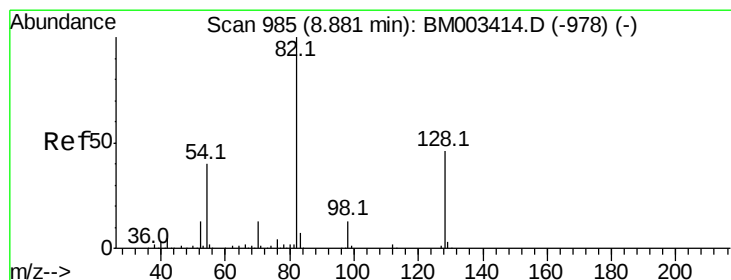
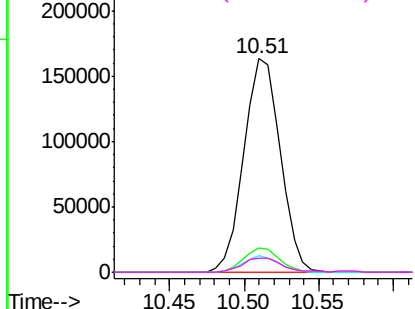
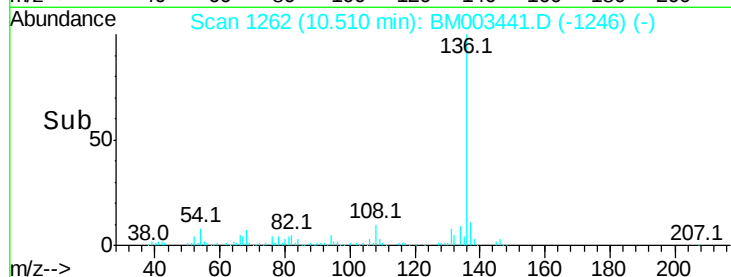
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003441.D
Acq: 10 Dec 2015 08:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	275141
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.6	4.6	6.8#
68	6.9	3.7	5.5#

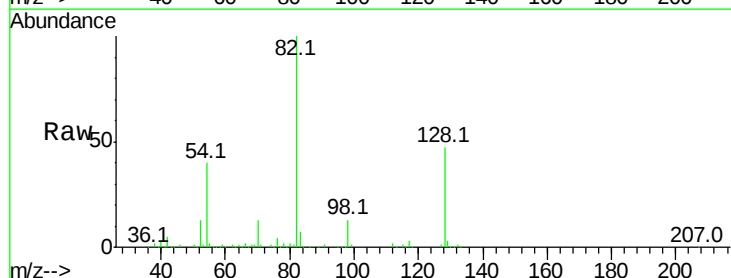


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

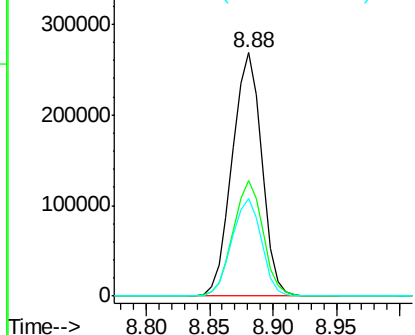
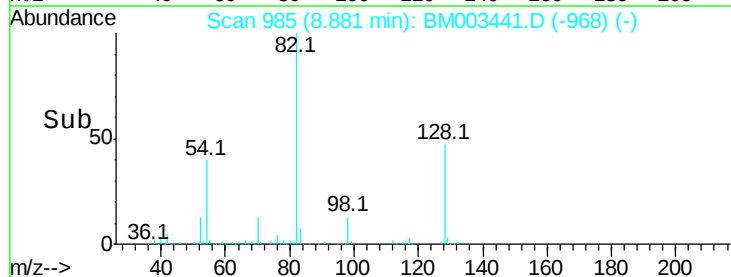


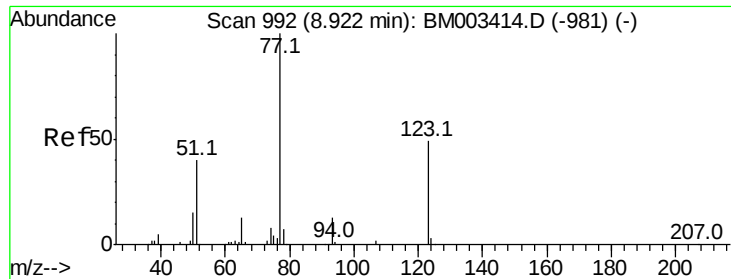
#23
Nitrobenzene-d5
Concen: 97.86 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003441.D
Acq: 10 Dec 2015 08:17

Tgt Ion:	82	Resp:	434243
Ion	Ratio	Lower	Upper
82	100		
128	47.4	32.8	49.2
54	40.0	40.6	60.8#



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

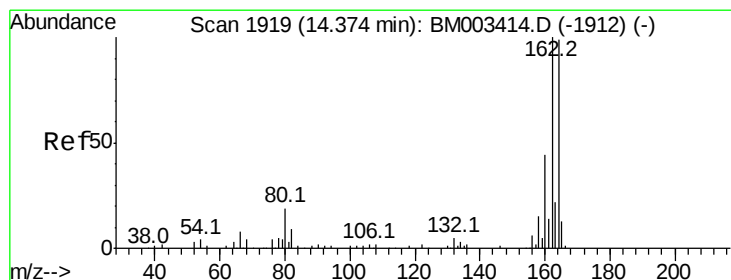
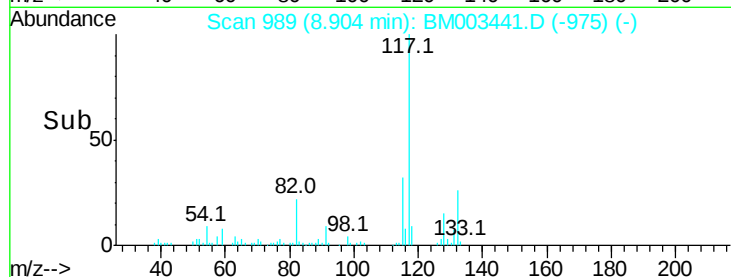
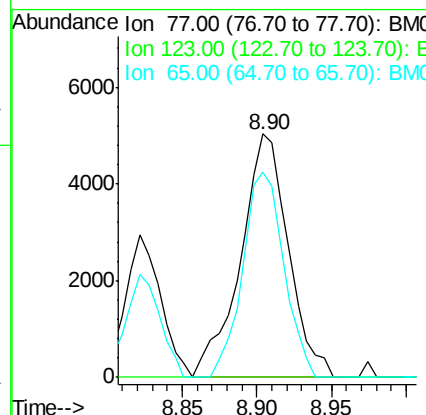
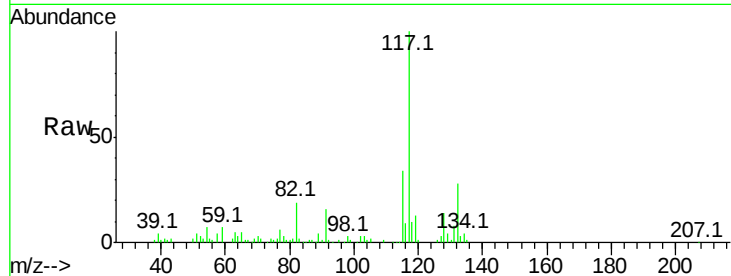




#24
 Nitrobenzene
 Concen: 2.33 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM003441.D
 Acq: 10 Dec 2015 08:17

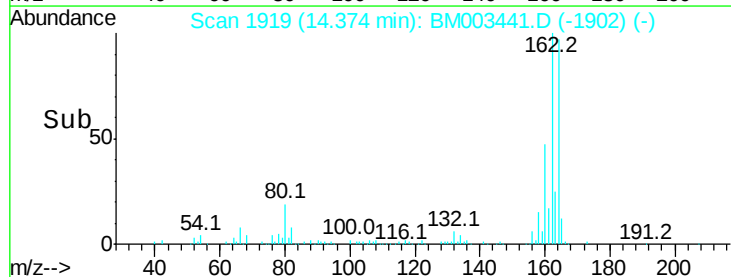
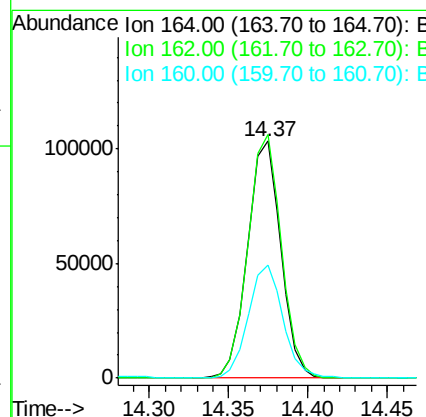
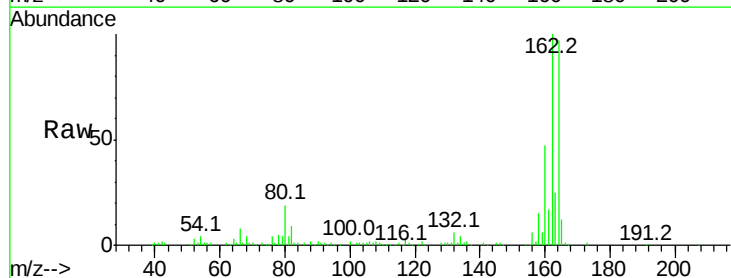
Instrument :
 BNA_M
 ClientSampled :

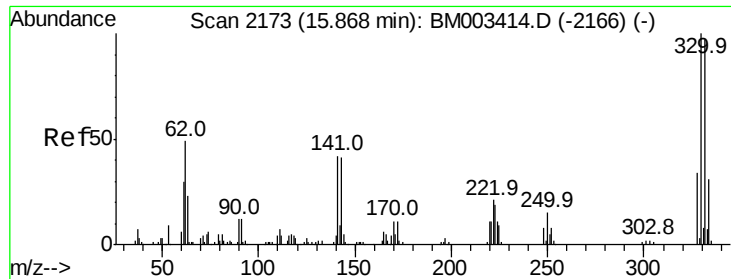
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	84.4	10.9	16.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BM003441.D
 Acq: 10 Dec 2015 08:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	47.8	35.8	53.6

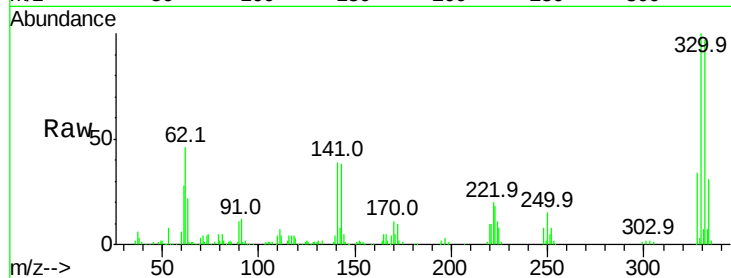




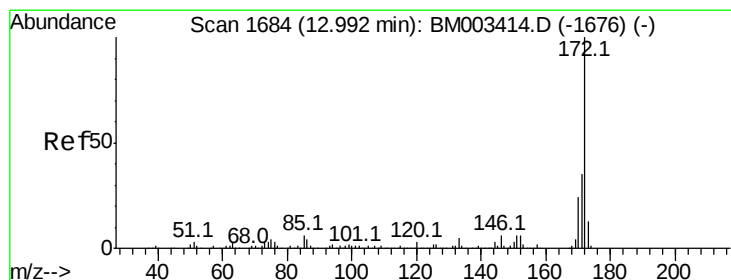
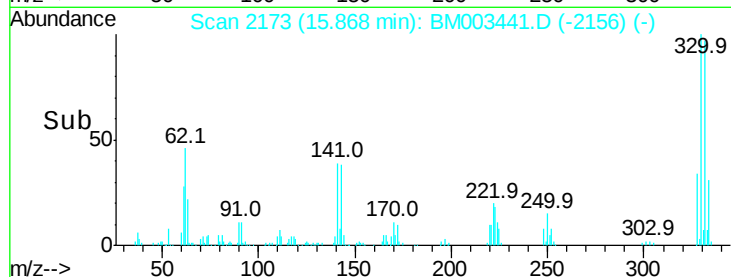
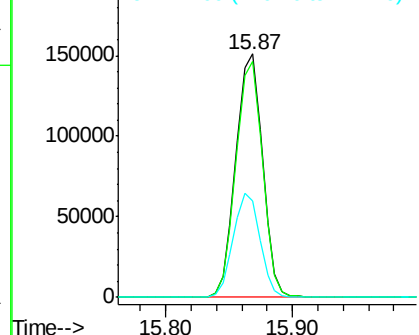
#41
 2,4,6-Tribromophenol
 Concen: 146.49 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003441.D
 Acq: 10 Dec 2015 08:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	42.8	0.0	0.0#

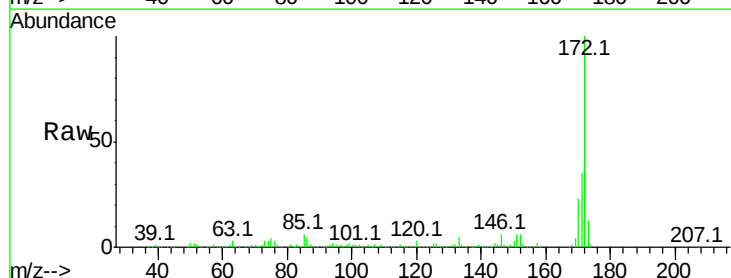


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

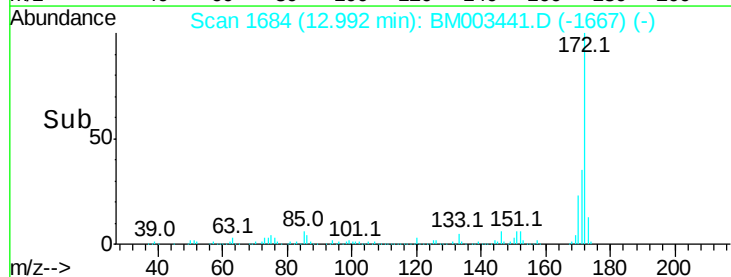
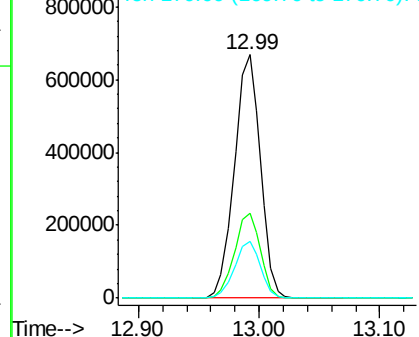


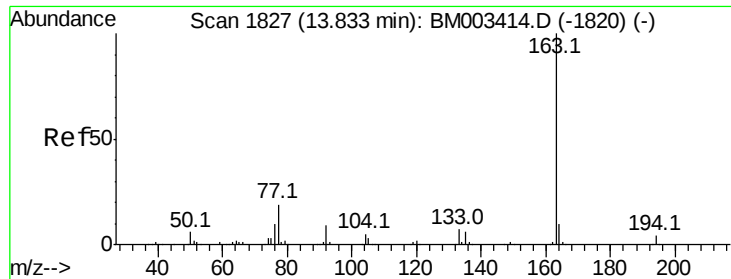
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003441.D
 Acq: 10 Dec 2015 08:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.3	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.19 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

Instrument :

BNA_M

ClientSampled :

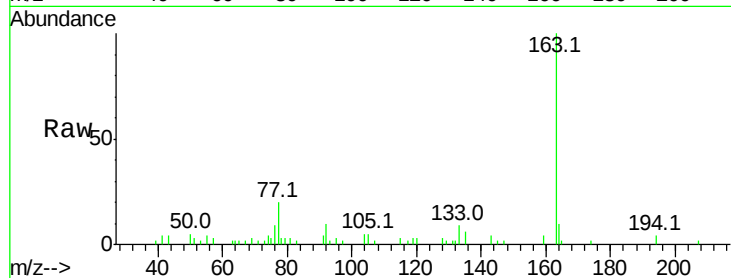
Tot Ion:163 Resp: 27156

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

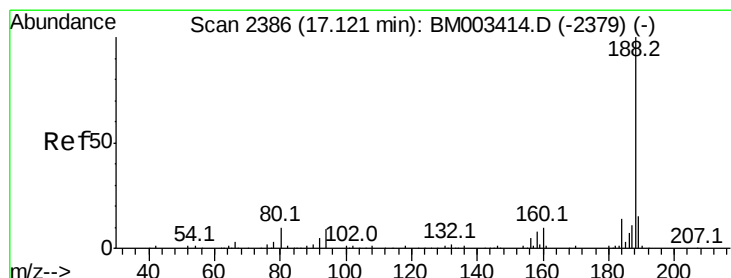
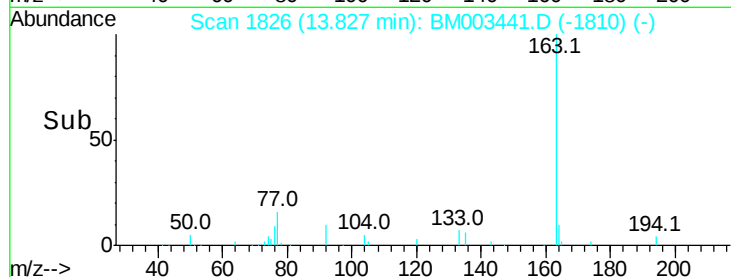
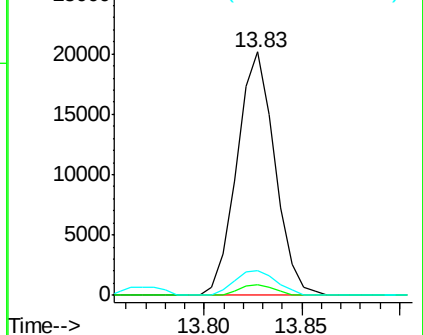
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

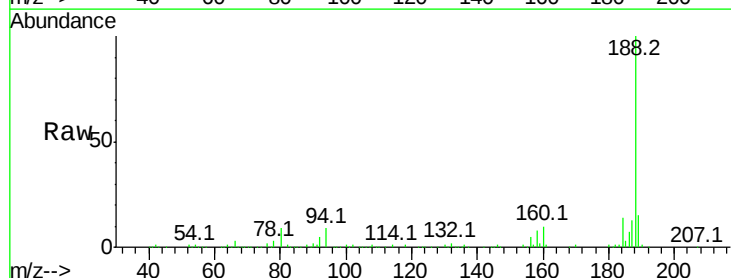
Tgt Ion:188 Resp: 315556

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

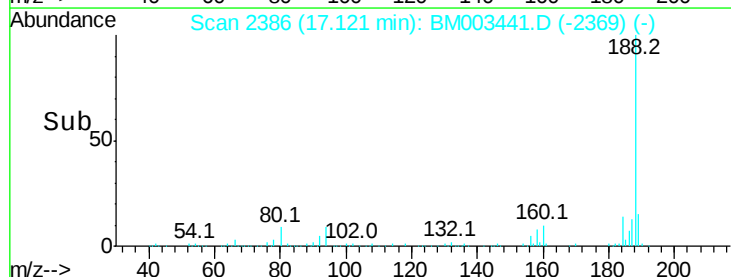
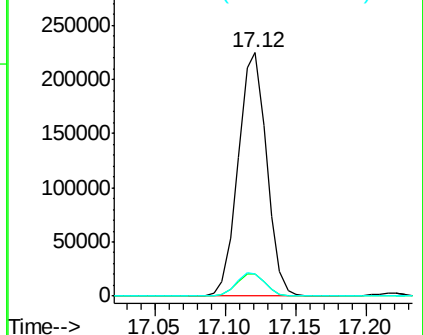
80 9.3 9.3 13.9

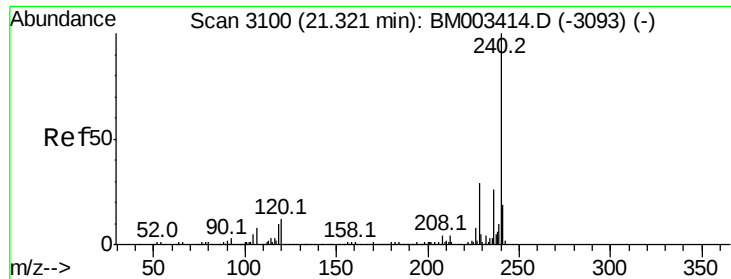


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

Instrument :

BNA_M

ClientSampleId :

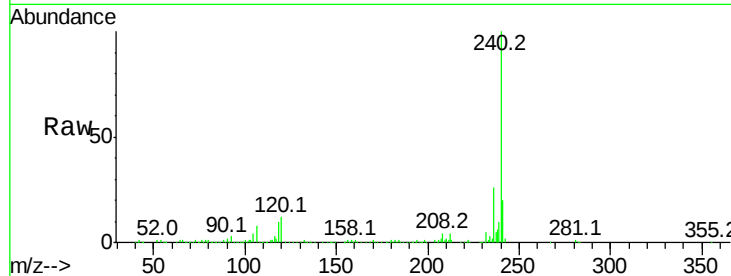
Tot Ion:240 Resp: 335023

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

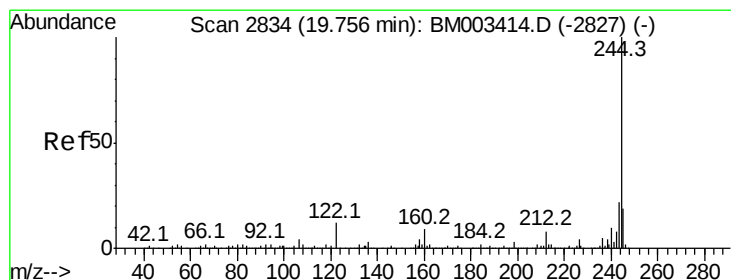
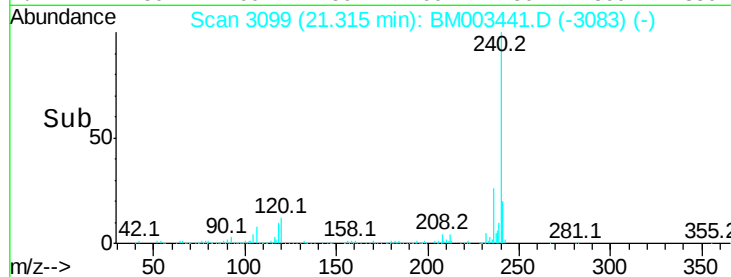
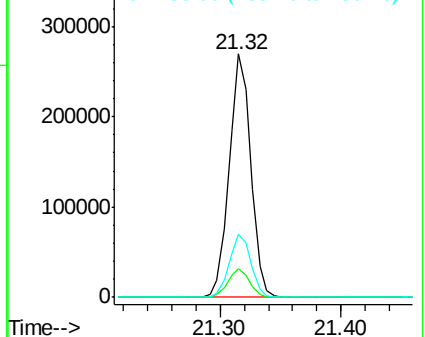
236 26.2 20.0 30.0



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



#78

Terphenyl-d14

Concen: 81.07 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

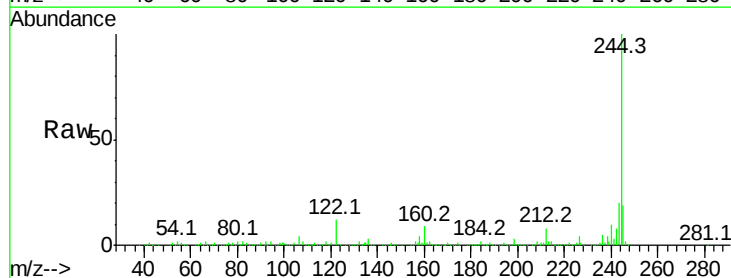
Tgt Ion:244 Resp: 1151754

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

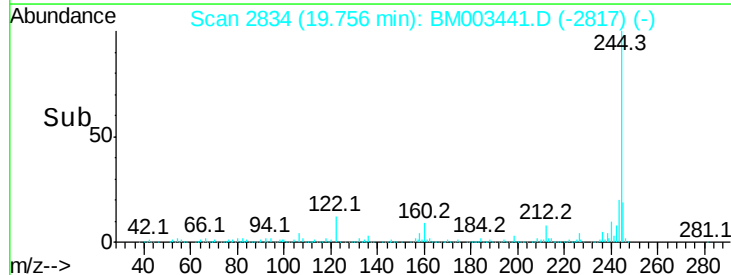
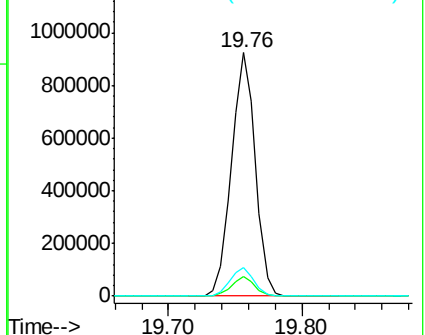
122 11.6 6.2 9.4#

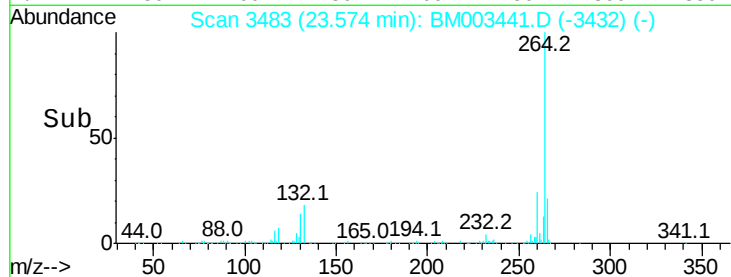
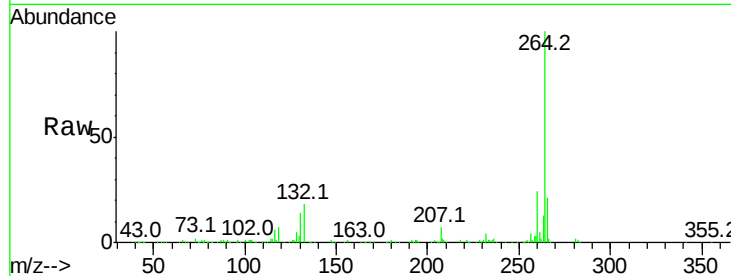
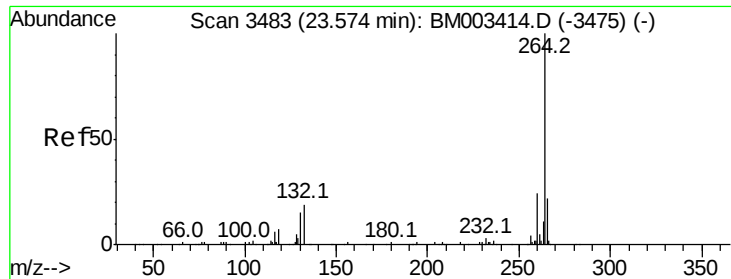


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3483

Delta R.T. -0.00 min

Lab File: BM003441.D

Acq: 10 Dec 2015 08:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 264 Resp: 335241

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.3 17.3 25.9

