

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003715.D
 Acq On : 22 Dec 2015 19:24
 Operator : UM/SJ
 Sample : PB87460TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87460TB

Quant Time: Dec 22 23:36:11 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	7.69	152	41006	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	140958	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	68268	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	124107	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	118429	20.00	ng	-0.03
86) Perylene-d12	23.54	264	104237	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	267902	116.15	ng	-0.02
7) Phenol-d6	6.87	99	380247	118.73	ng	-0.02
23) Nitrobenzene-d5	8.85	82	222687	97.95	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	81602	119.69	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	424789	84.78	ng	-0.03
78) Terphenyl-d14	19.73	244	415990	82.84	ng	-0.02

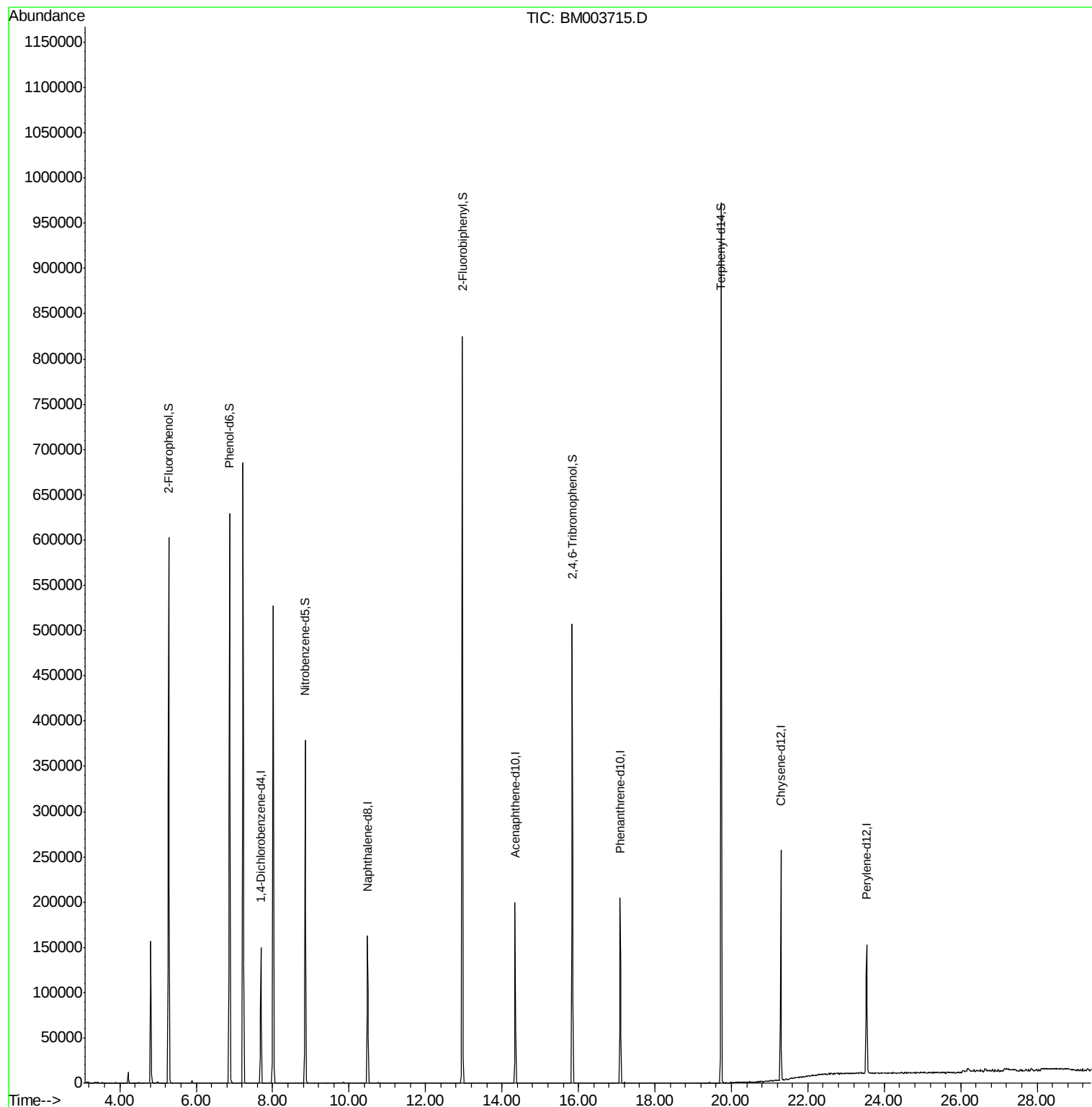
Target Compounds	Qvalue
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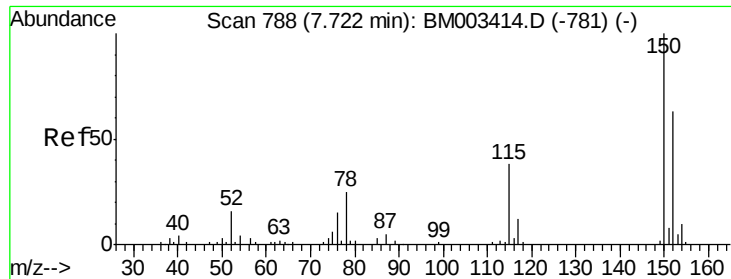
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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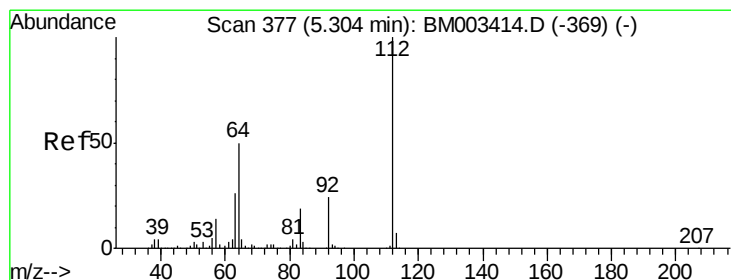
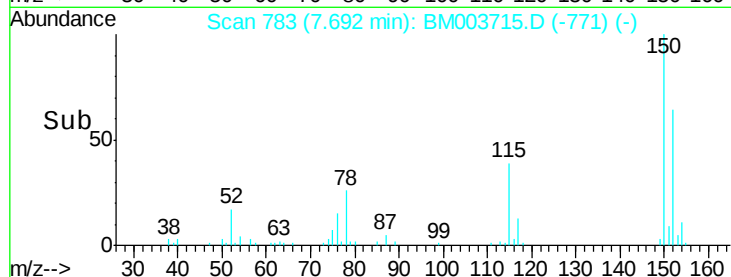
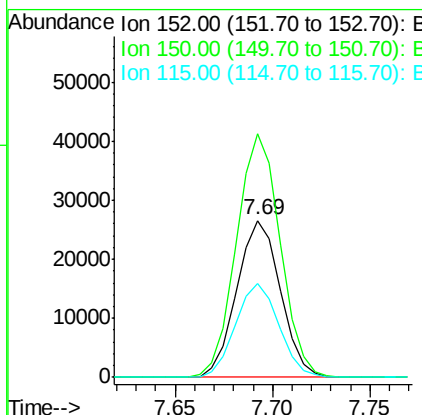
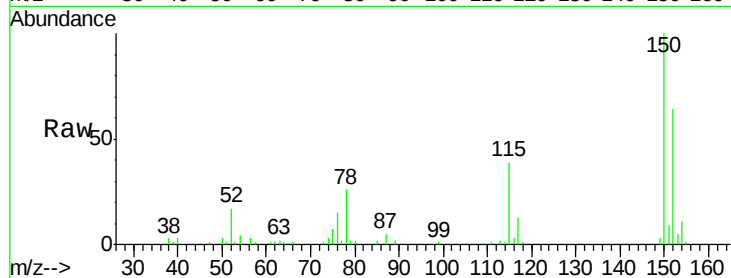




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003715.D
 Acq: 22 Dec 2015 19:24

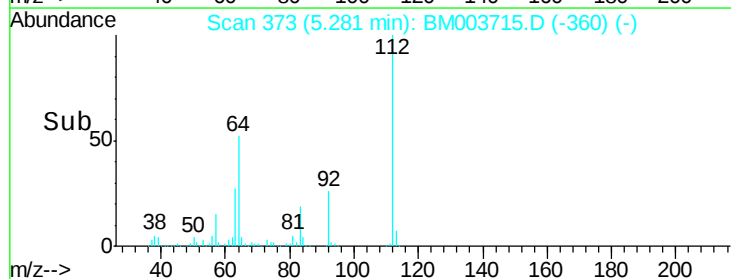
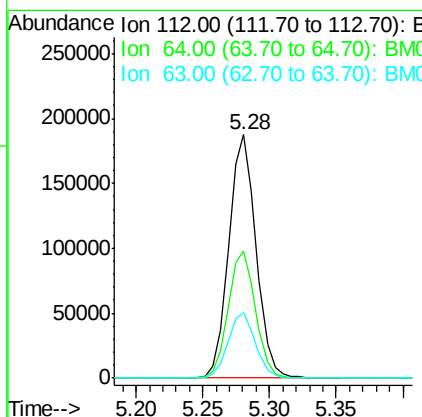
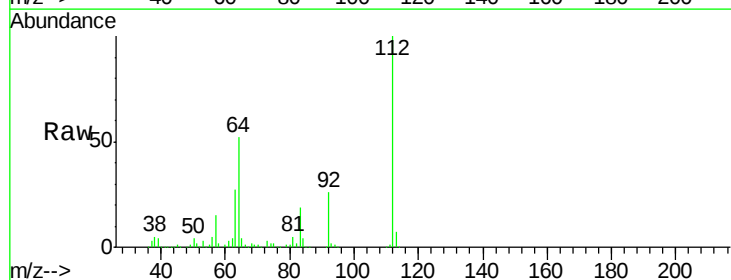
Instrument :
 BNA_M
 ClientSampleId :
 PB87460TB

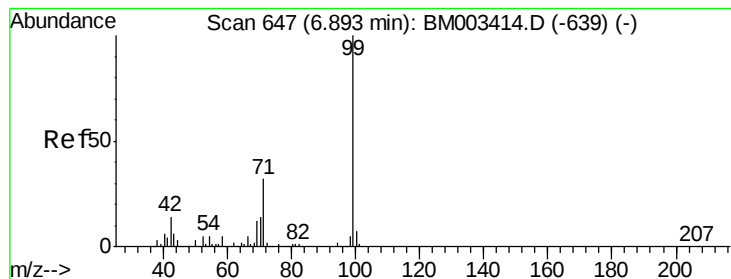
Tgt Ion:152 Resp: 41006
 Ion Ratio Lower Upper
 152 100
 150 155.2 119.5 179.3
 115 59.8 43.0 64.4



#5
 2-Fluorophenol
 Concen: 116.15 ng
 RT: 5.28 min Scan# 373
 Delta R.T. -0.02 min
 Lab File: BM003715.D
 Acq: 22 Dec 2015 19:24

Tgt Ion:112 Resp: 267902
 Ion Ratio Lower Upper
 112 100
 64 52.3 38.6 57.8
 63 26.8 19.3 28.9





#7

Phenol-d6

Concen: 118.73 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003715.D

Acq: 22 Dec 2015 19:24

Instrument :

BNA_M

ClientSampleId :

PB87460TB

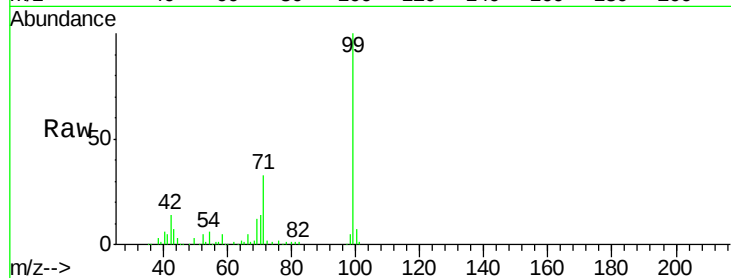
Tgt Ion: 99 Resp: 380247

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

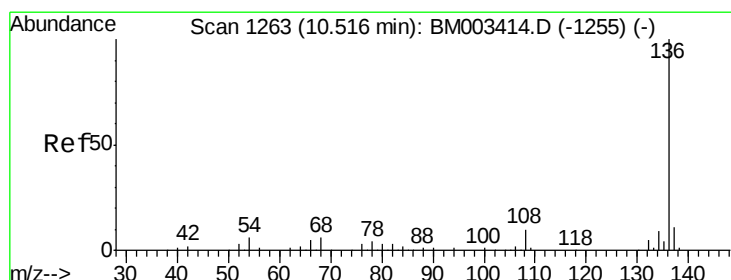
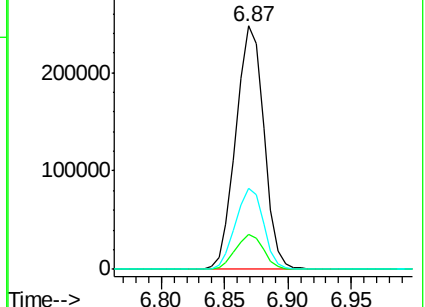
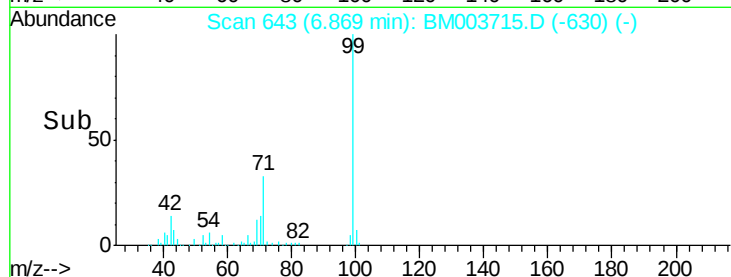
71 33.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003715.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003715.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003715.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003715.D

Acq: 22 Dec 2015 19:24

Tgt Ion: 136 Resp: 140958

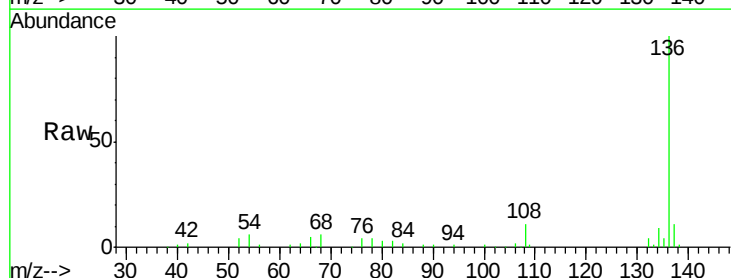
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.0 4.6 6.8

68 5.9 3.7 5.5#

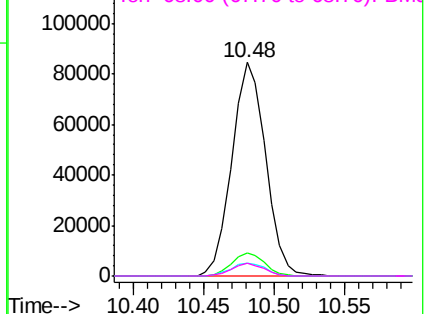
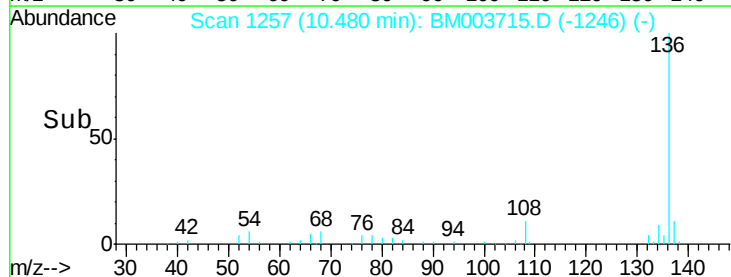


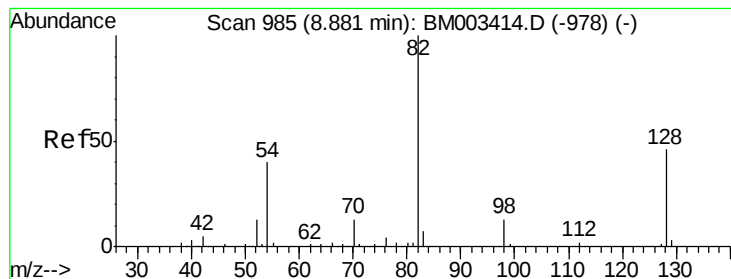
Abundance Ion 136.00 (135.70 to 136.70): BM003715.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003715.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003715.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003715.D (-1246) (-)





#23

Nitrobenzene-d5

Concen: 97.95 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BM003715.D

Acq: 22 Dec 2015 19:24

Instrument :

BNA_M

ClientSampleId :

PB87460TB

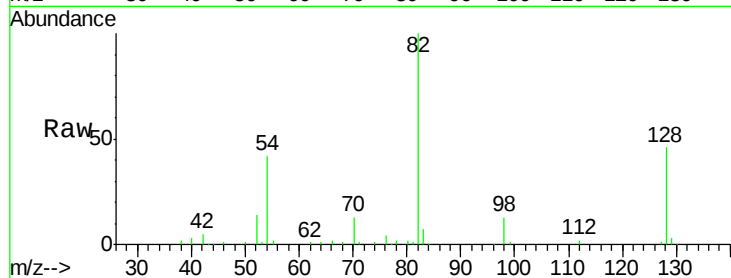
Tgt Ion: 82 Resp: 222687

Ion Ratio Lower Upper

82 100

128 46.3 32.8 49.2

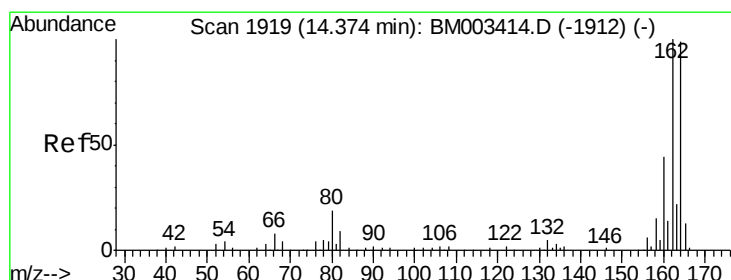
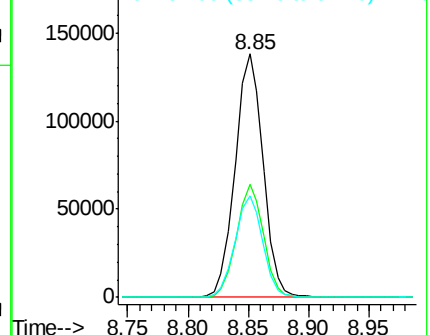
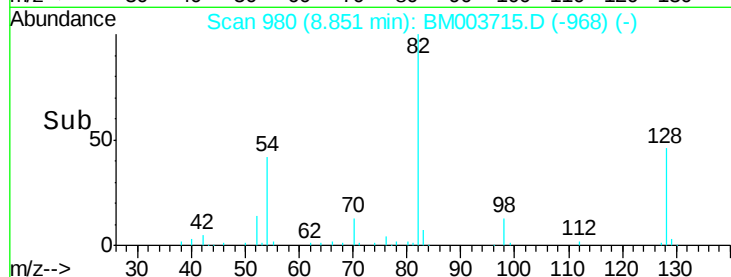
54 41.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003715.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM003715.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003715.D (-968) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BM003715.D

Acq: 22 Dec 2015 19:24

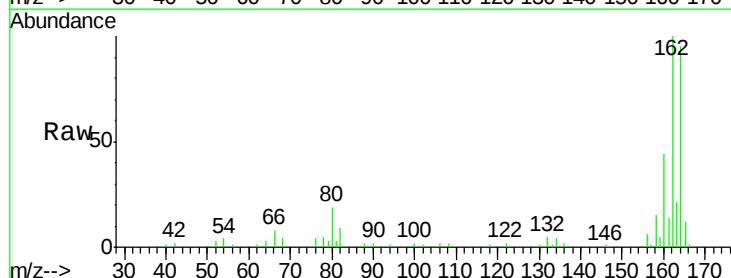
Tgt Ion: 164 Resp: 68268

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

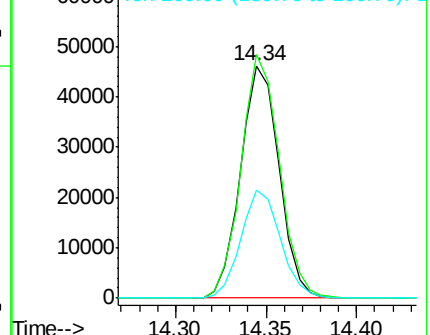
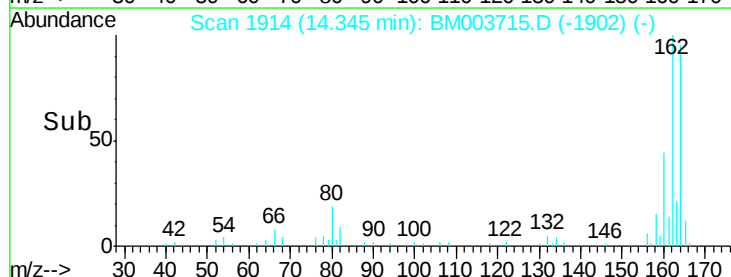
160 46.6 35.8 53.6

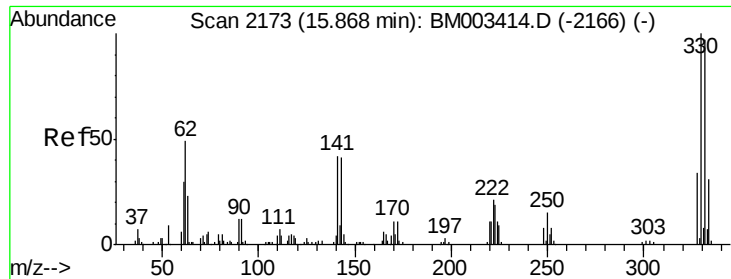


Abundance Ion 164.00 (163.70 to 164.70): BM003715.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM003715.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM003715.D (-1902) (-)

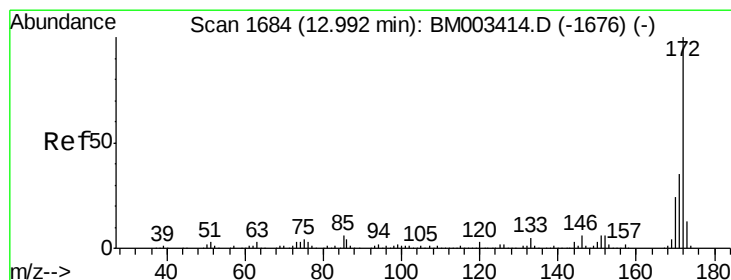
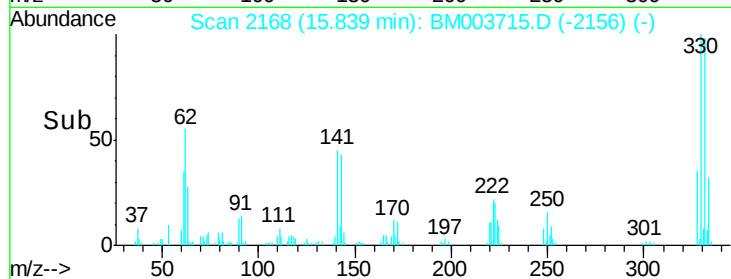
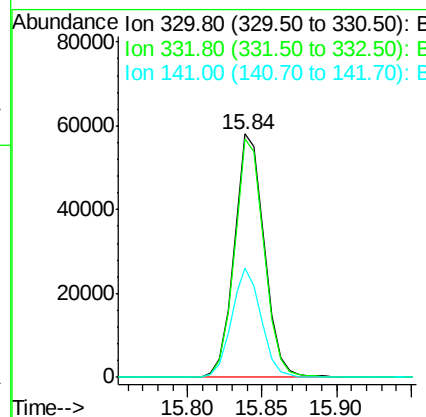
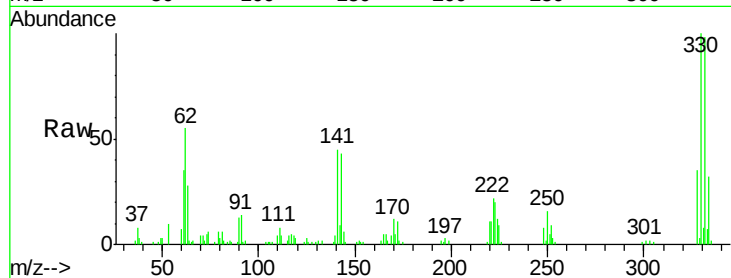




#41
 2,4,6-Tribromophenol
 Concen: 119.69 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003715.D
 Acq: 22 Dec 2015 19:24

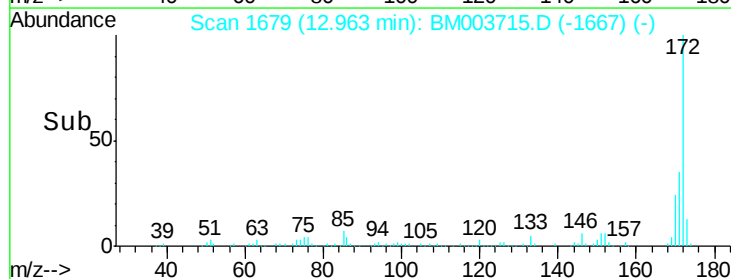
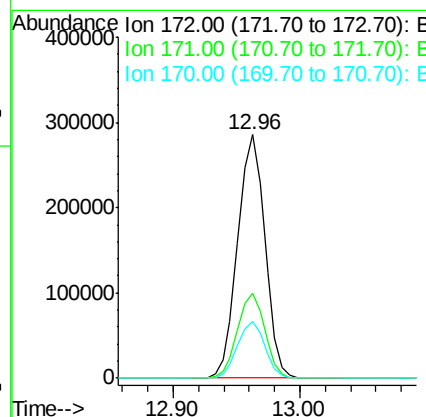
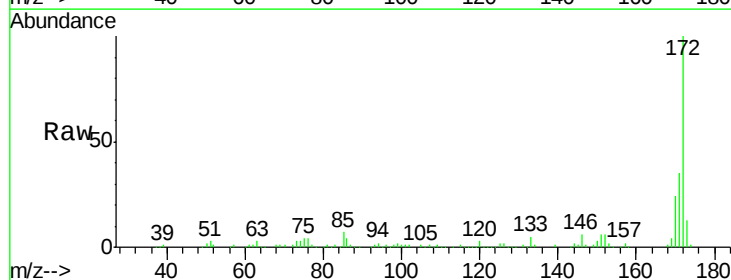
Instrument :
 BNA_M
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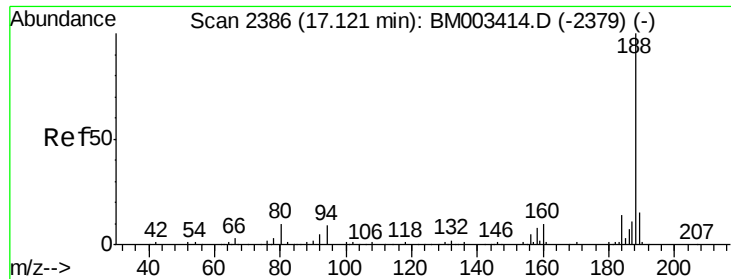
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	43.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.78 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003715.D
 Acq: 22 Dec 2015 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2

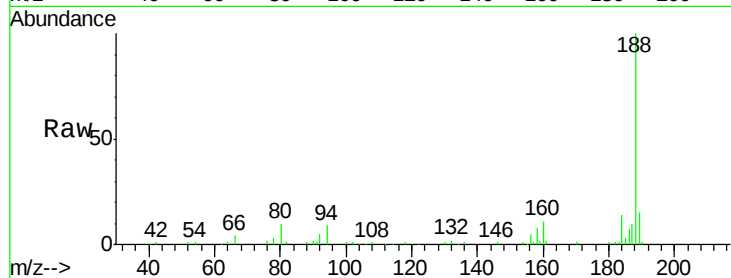




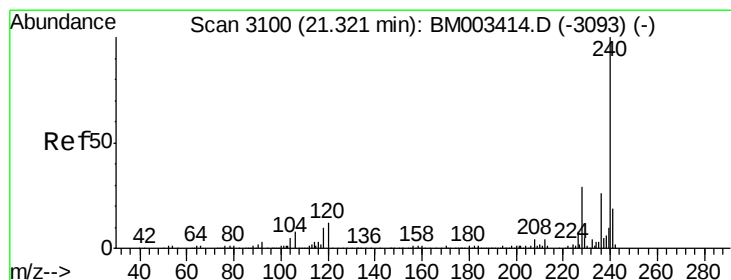
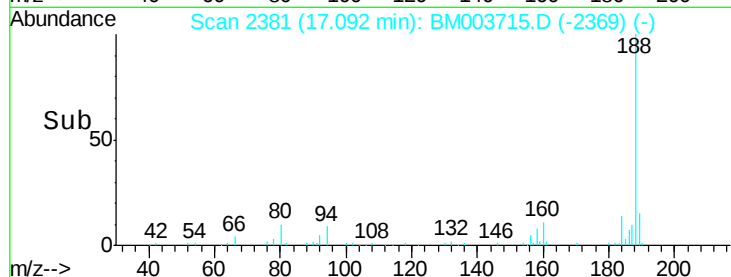
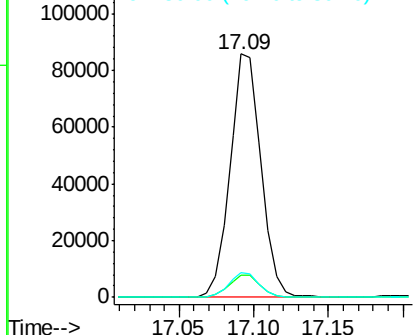
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003715.D
Acq: 22 Dec 2015 19:24

Instrument :
BNA_M
ClientSampleId :
PB87460TB

Tgt Ion:188 Resp: 124107
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 10.2 9.3 13.9

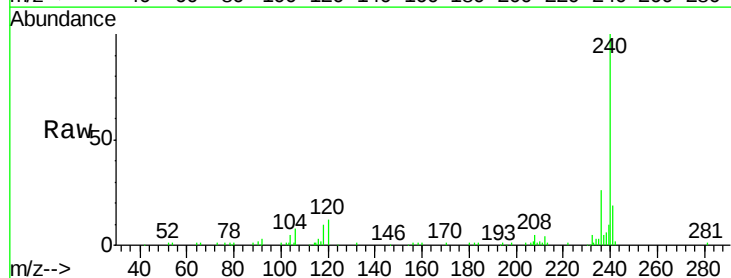


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

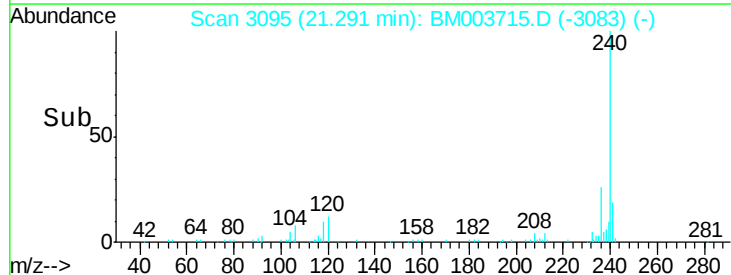
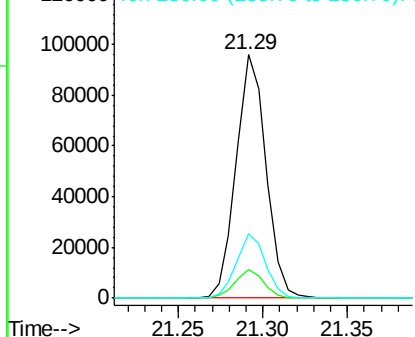


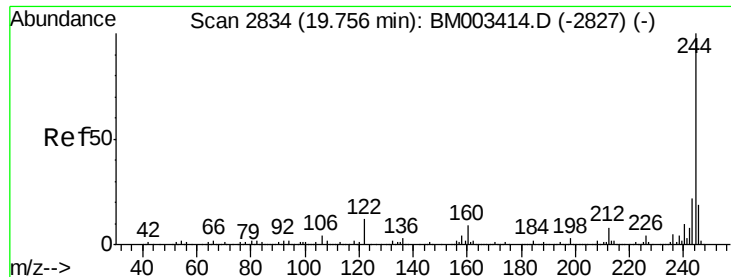
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003715.D
Acq: 22 Dec 2015 19:24

Tgt Ion:240 Resp: 118429
Ion Ratio Lower Upper
240 100
120 11.5 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: 82.84 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM003715.D

Acq: 22 Dec 2015 19:24

Instrument :

BNA_M

ClientSampleId :

PB87460TB

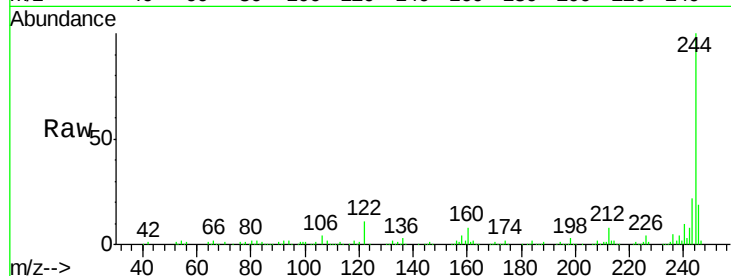
Tgt Ion:244 Resp: 415990

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

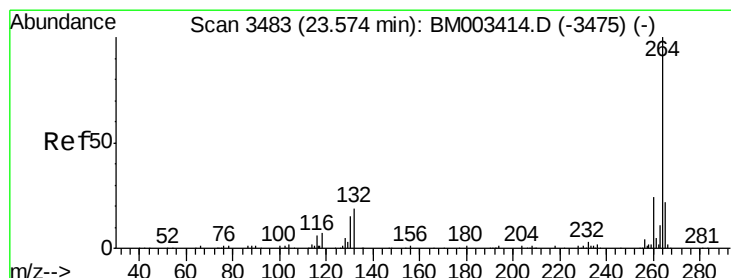
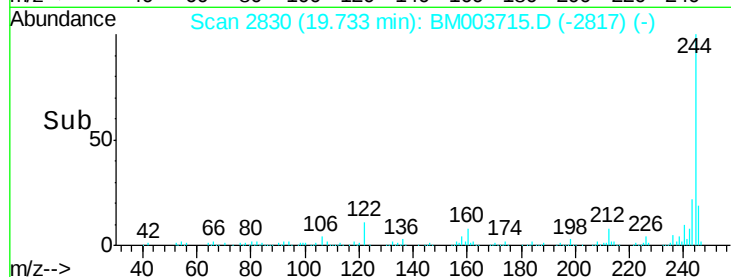
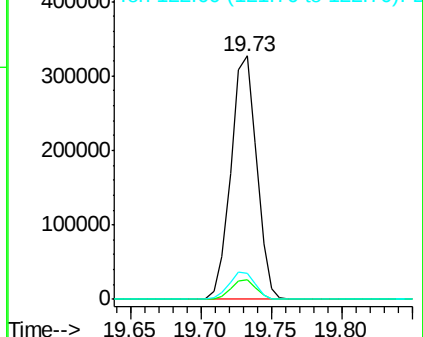
122 10.9 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.54 min Scan# 3477

Delta R.T. -0.04 min

Lab File: BM003715.D

Acq: 22 Dec 2015 19:24

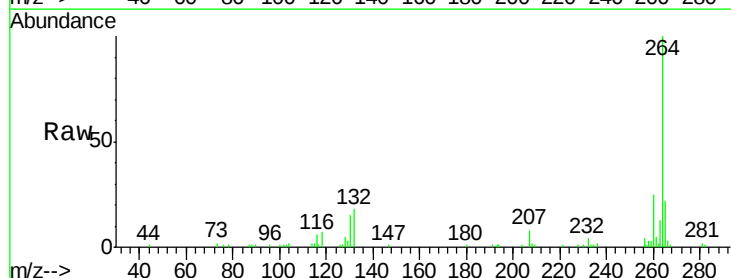
Tgt Ion:264 Resp: 104237

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 21.7 17.3 25.9



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

