

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003716.D
 Acq On : 22 Dec 2015 20:00
 Operator : UM/SJ
 Sample : PB87460BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BL

Quant Time: Dec 22 23:36:33 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	30178	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	117956	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	67859	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	135773	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	133216	20.00	ng	-0.03
86) Perylene-d12	23.53	264	117843	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	244548	144.07	ng	-0.02
7) Phenol-d6	6.87	99	316885	134.44	ng	-0.02
23) Nitrobenzene-d5	8.85	82	190835	100.31	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	79904	117.90	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	349470	70.16	ng	-0.03
78) Terphenyl-d14	19.73	244	454264	80.42	ng	-0.02

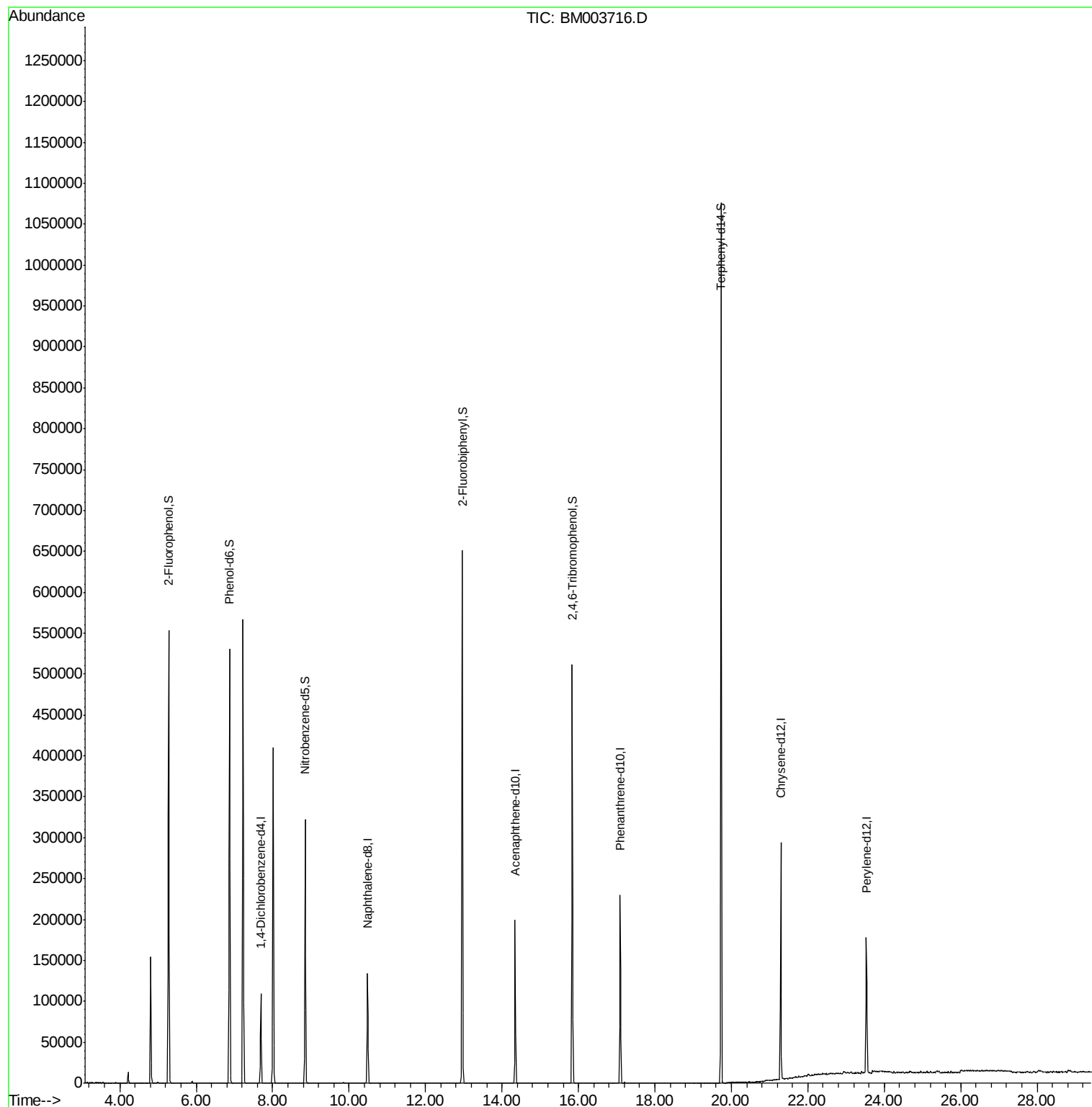
Target Compounds Qvalue

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

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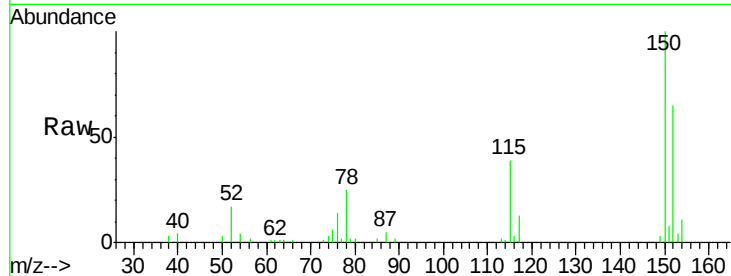




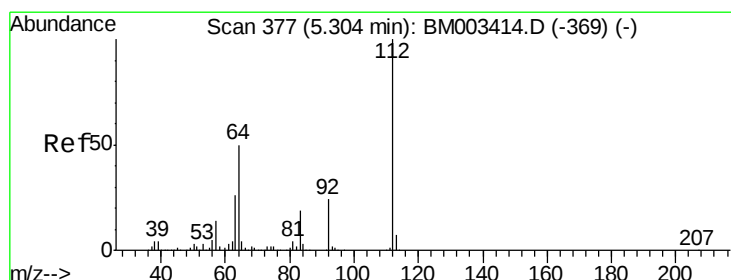
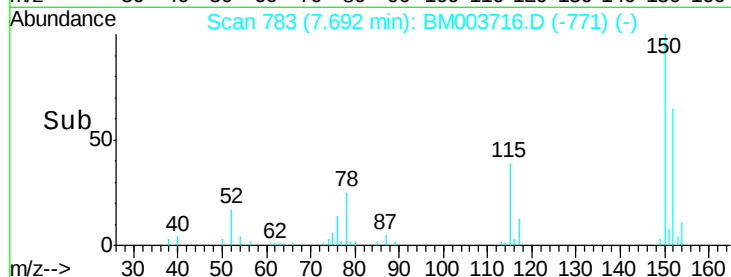
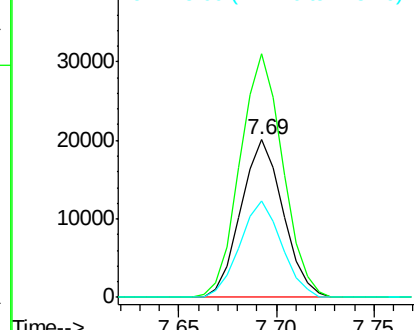
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003716.D
 Acq: 22 Dec 2015 20:00

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BL

Tot Ion:152 Resp: 30178
 Ion Ratio Lower Upper
 152 100
 150 154.5 119.5 179.3
 115 60.9 43.0 64.4

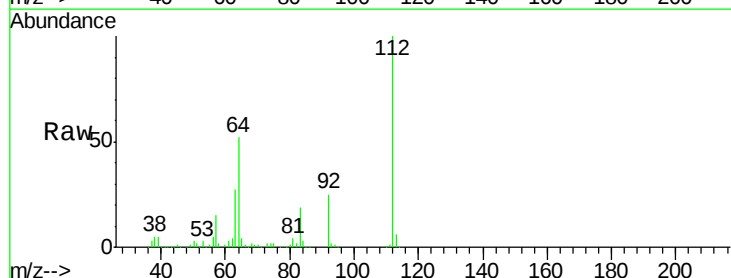


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

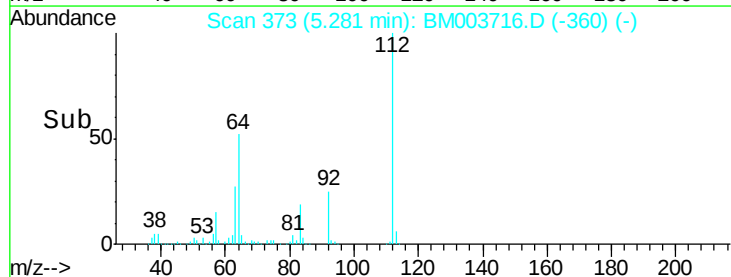
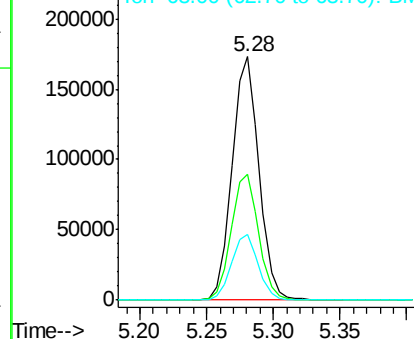


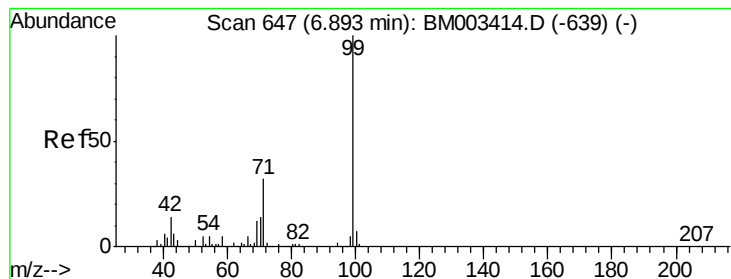
#5
 2-Fluorophenol
 Concen: 144.07 ng
 RT: 5.28 min Scan# 373
 Delta R.T. -0.02 min
 Lab File: BM003716.D
 Acq: 22 Dec 2015 20:00

Tgt Ion:112 Resp: 244548
 Ion Ratio Lower Upper
 112 100
 64 51.5 38.6 57.8
 63 27.1 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: 134.44 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003716.D

Acq: 22 Dec 2015 20:00

Instrument :

BNA_M

ClientSampled :

PB87460BL

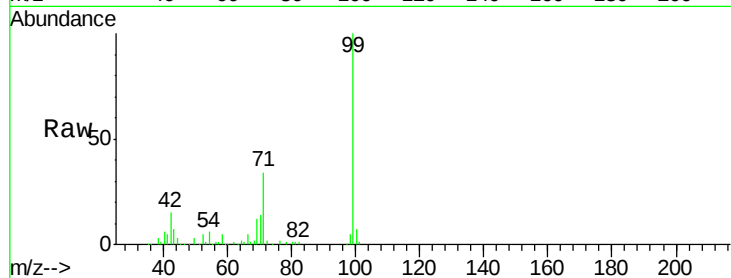
Tot Ion: 99 Resp: 316885

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.4

71 33.7 23.4 35.2

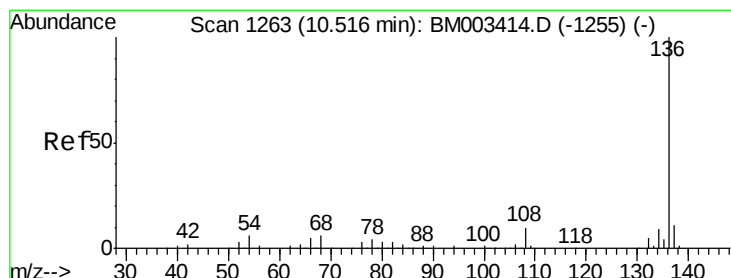
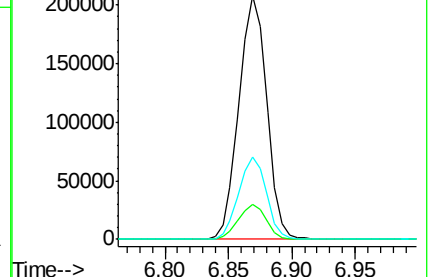
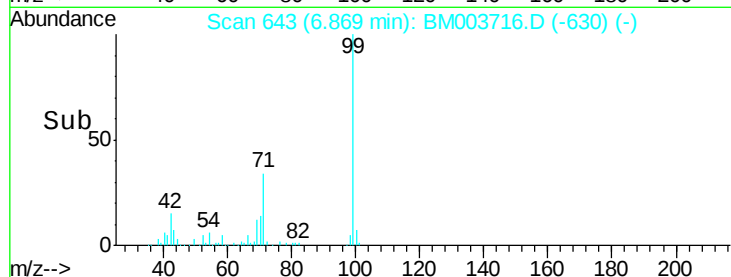


Abundance Ion 99.00 (98.70 to 99.70): BM003716.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003716.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003716.D (-630) (-)

6.87



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003716.D

Acq: 22 Dec 2015 20:00

Tgt Ion: 136 Resp: 117956

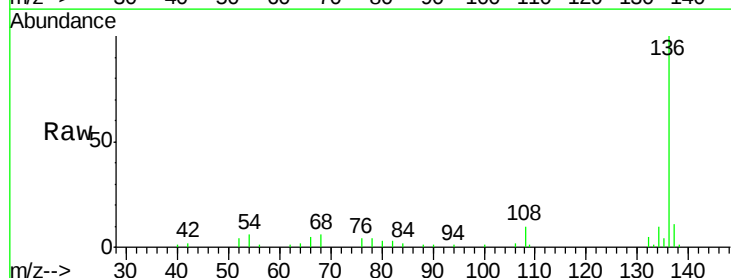
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.2 4.6 6.8

68 5.8 3.7 5.5#



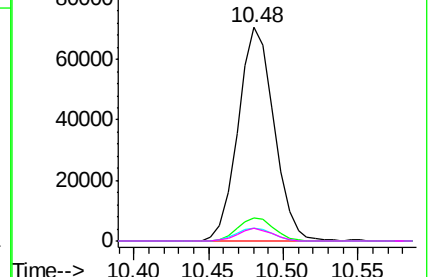
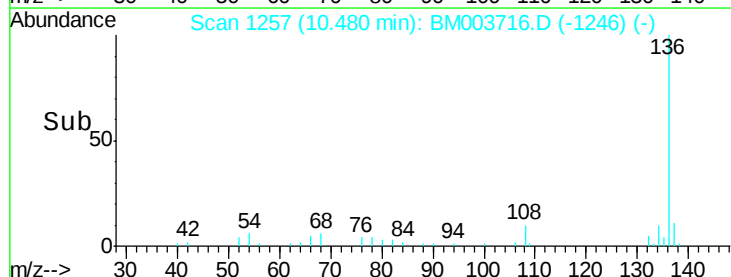
Abundance Ion 136.00 (135.70 to 136.70): BM003716.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003716.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003716.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003716.D (-1246) (-)

10.48

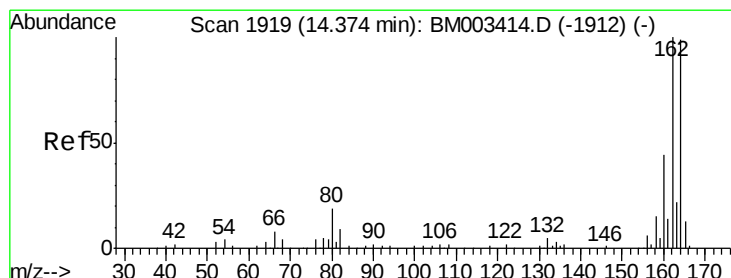
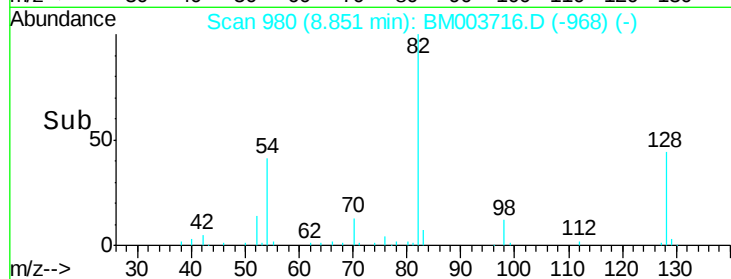
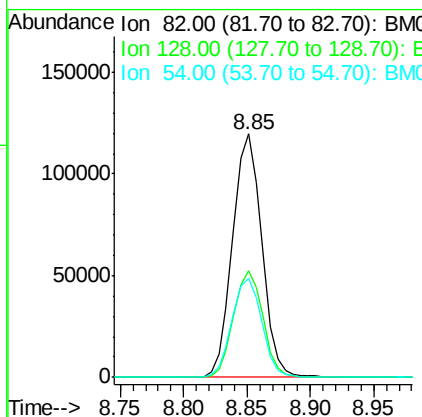
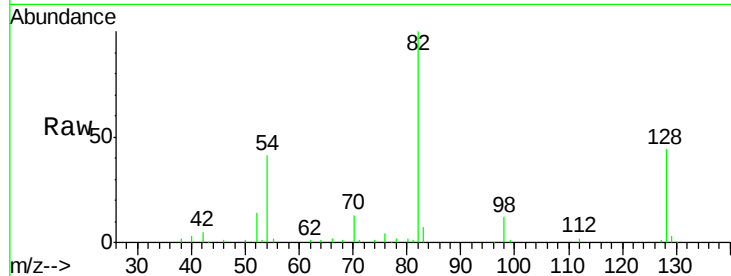




#23
 Nitrobenzene-d5
 Concen: 100.31 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003716.D
 Acq: 22 Dec 2015 20:00

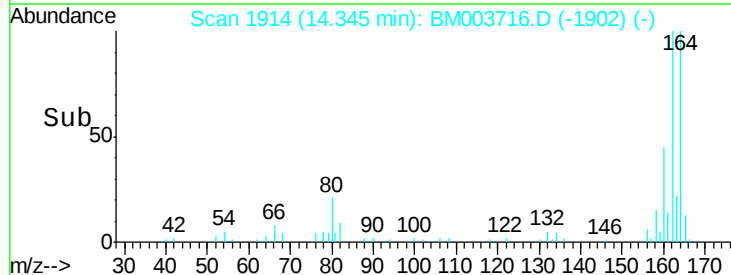
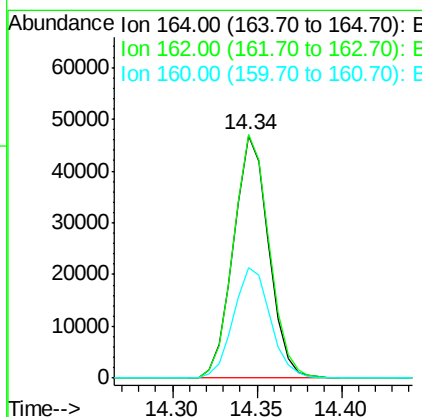
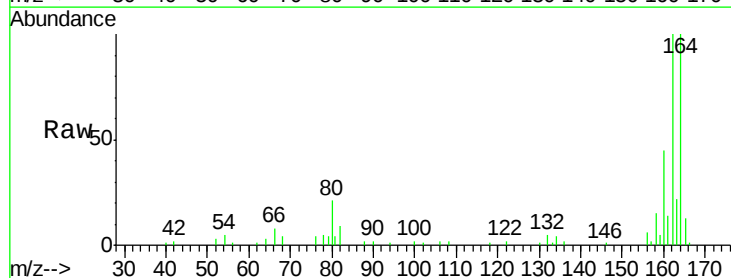
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BL

Tot Ion	82	Resp	190835
Ion Ratio	100	Lower	Upper
128	43.9	32.8	49.2
54	40.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003716.D
 Acq: 22 Dec 2015 20:00

Tgt Ion	164	Resp	67859
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.3	82.4	123.6
160	45.4	35.8	53.6

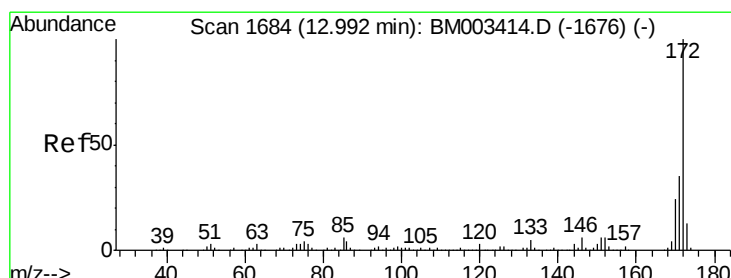
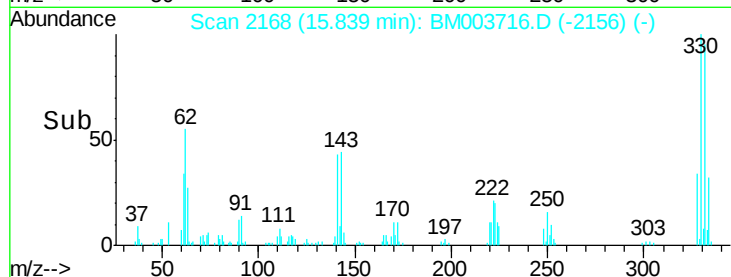
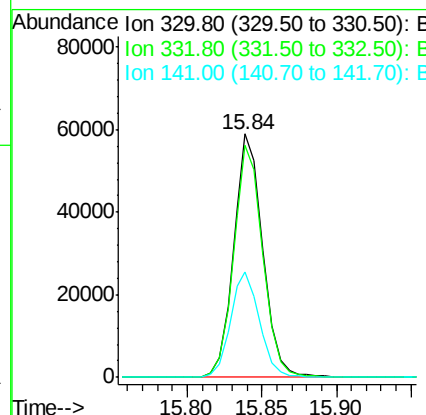
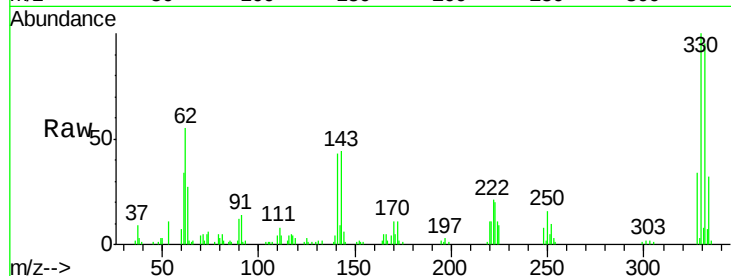




#41
 2,4,6-Tribromophenol
 Concen: 117.90 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003716.D
 Acq: 22 Dec 2015 20:00

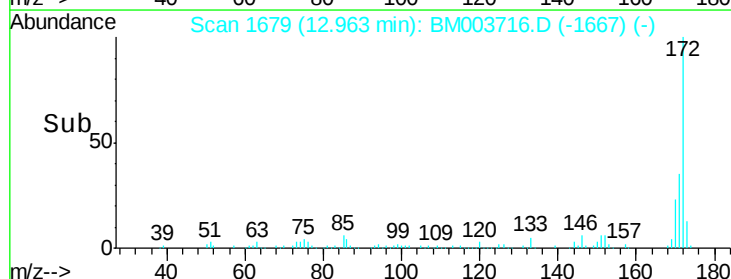
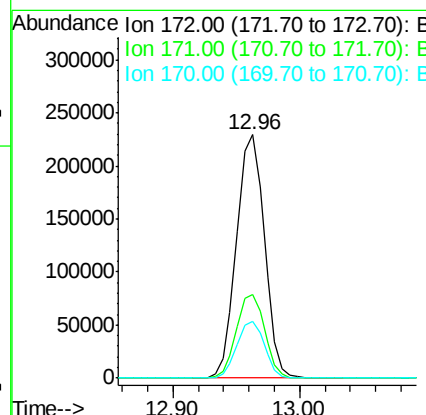
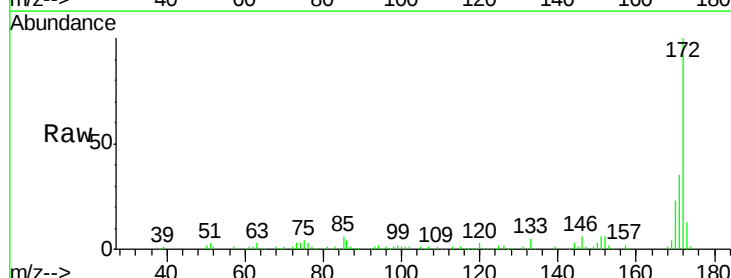
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BL

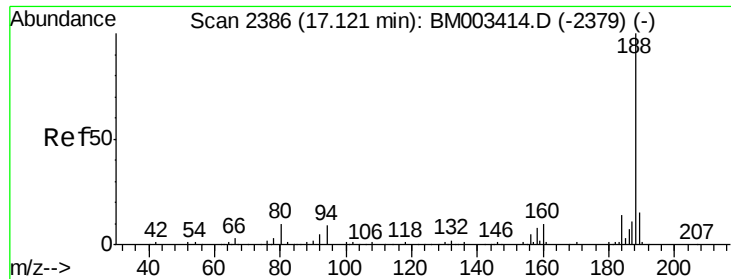
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	43.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 70.16 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003716.D
 Acq: 22 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.1	18.8	28.2

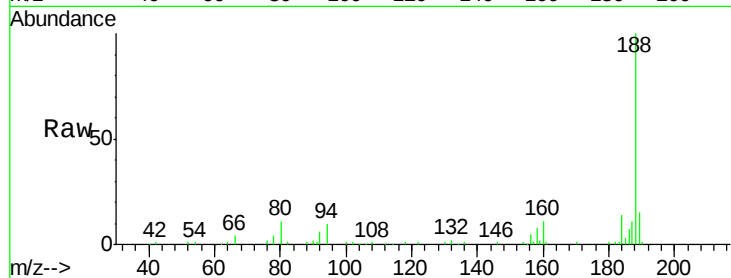




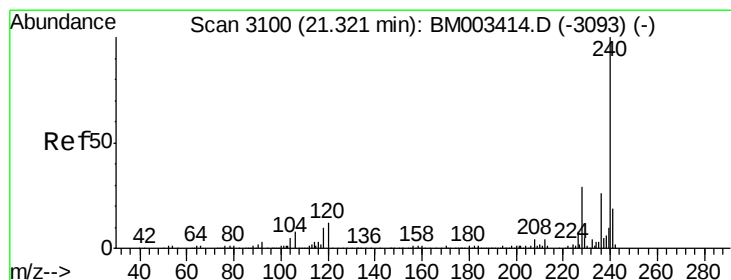
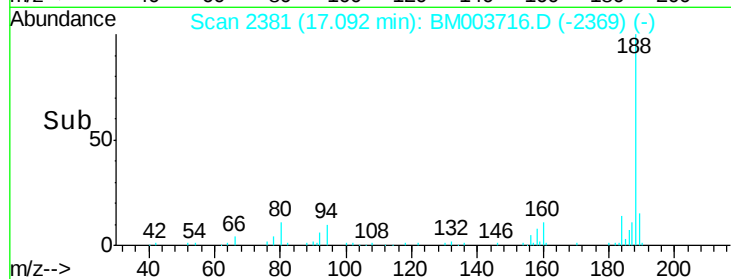
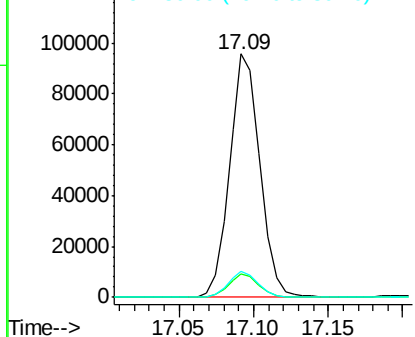
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003716.D
Acq: 22 Dec 2015 20:00

Instrument :
BNA_M
ClientSampleId :
PB87460BL

Tot Ion:188 Resp: 135773
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.8 9.3 13.9

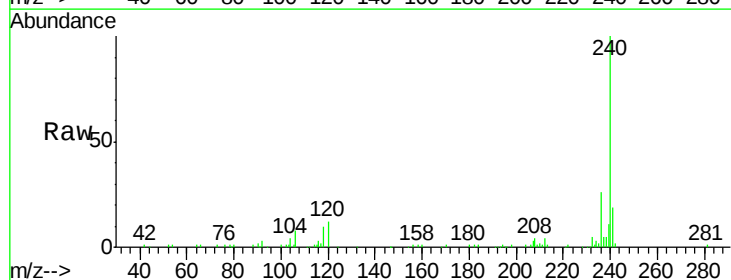


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM003716.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM003716.D (-2369) (-)

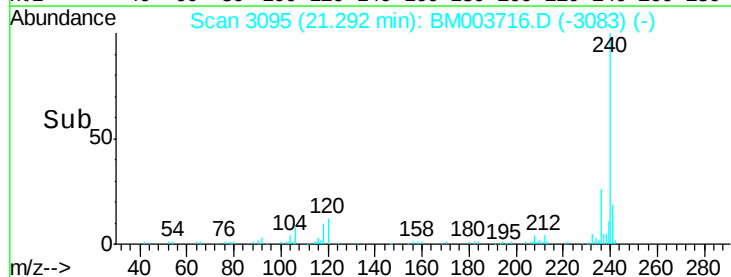
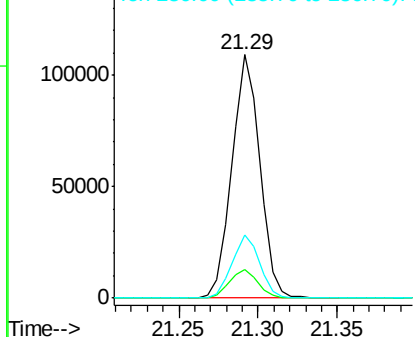


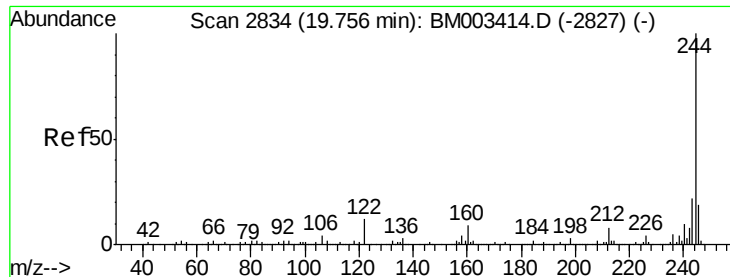
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003716.D
Acq: 22 Dec 2015 20:00

Tgt Ion:240 Resp: 133216
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 25.9 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: 80.42 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM003716.D

Acq: 22 Dec 2015 20:00

Instrument :

BNA_M

ClientSampleId :

PB87460BL

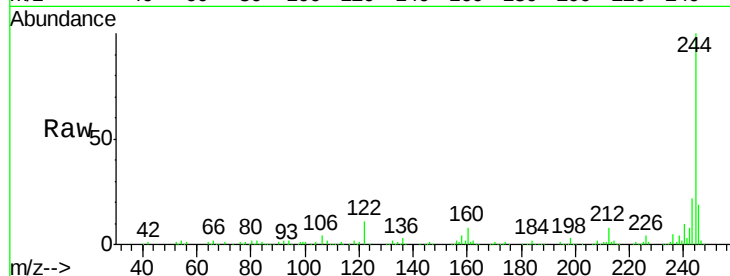
Tot Ion:244 Resp: 454264

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

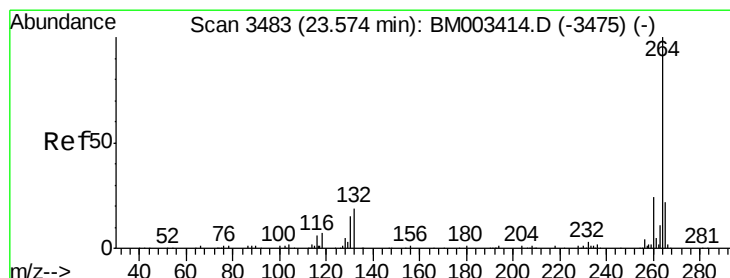
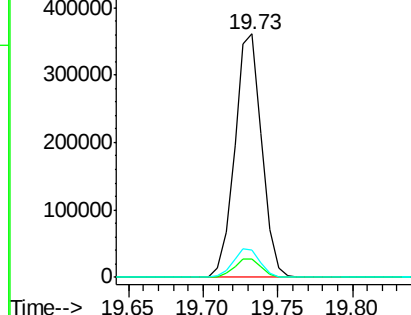
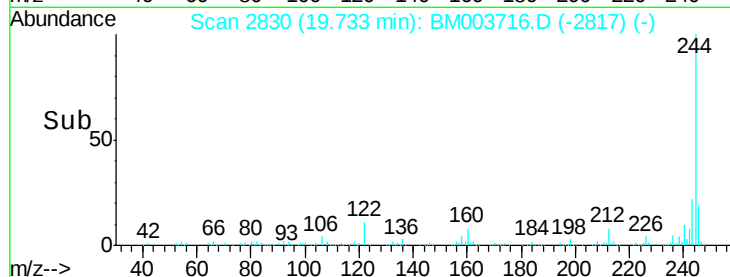
122 11.3 6.2 9.4#



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: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM003716.D

Acq: 22 Dec 2015 20:00

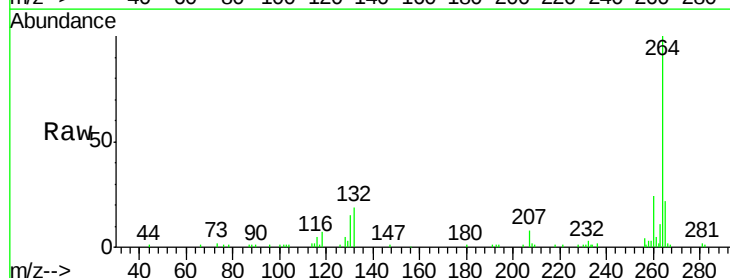
Tgt Ion:264 Resp: 117843

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 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

