

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003459.D
 Acq On : 10 Dec 2015 19:11
 Operator : UM/IZ
 Sample : PB87185BL
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BL

Quant Time: Dec 11 06:45:25 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	69267	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	283822	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	148306	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	296544	20.00	ng	0.00
75) Chrysene-d12	21.32	240	326013	20.00	ng	0.00
86) Perylene-d12	23.57	264	329369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	349572	89.73	ng	0.00
7) Phenol-d6	6.89	99	448168	82.84	ng	0.00
23) Nitrobenzene-d5	8.88	82	381636	83.37	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	116739	78.82	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	906215	83.25	ng	0.00
78) Terphenyl-d14	19.76	244	983225	71.12	ng	0.00

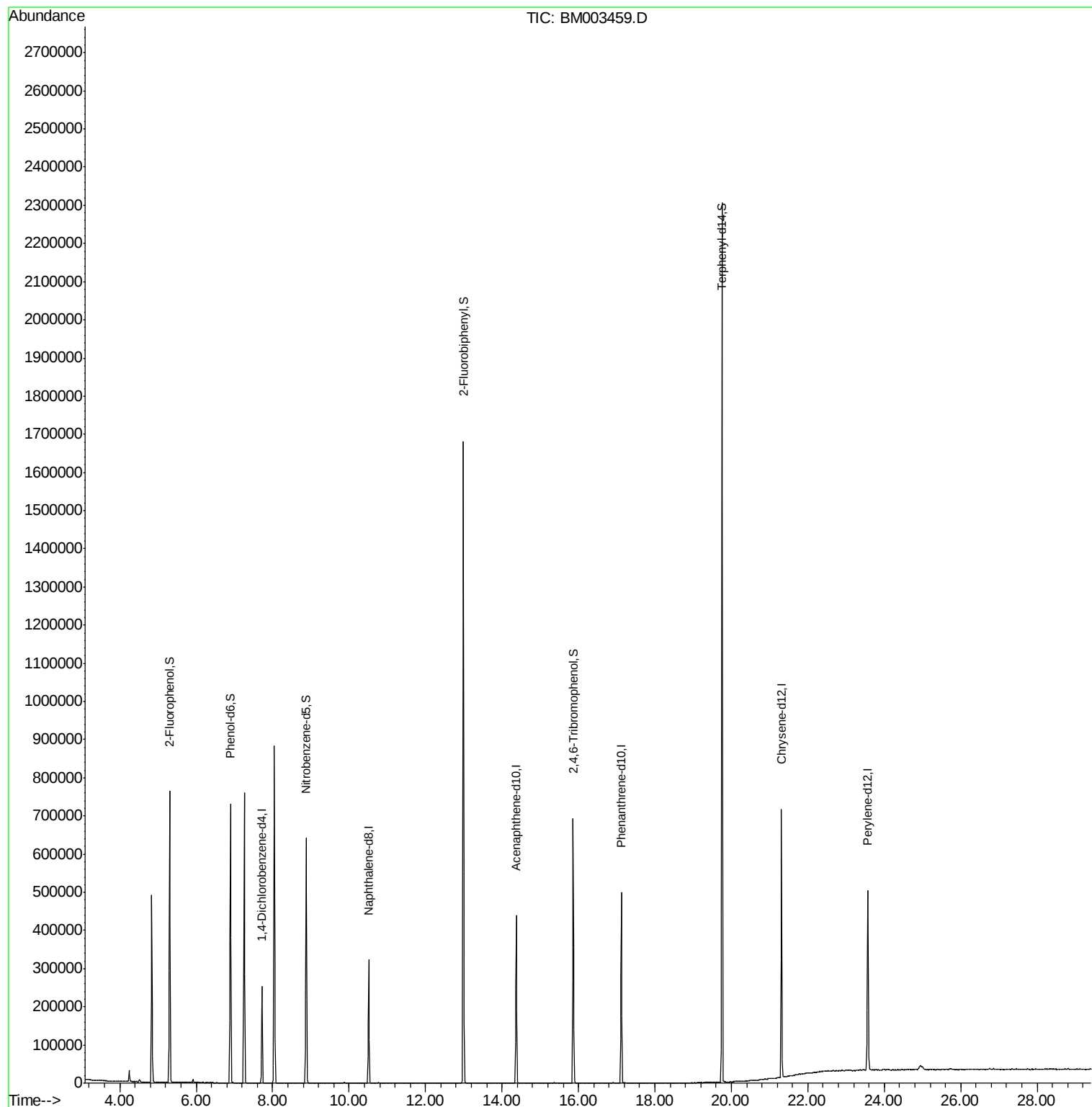
Target Compounds Qvalue

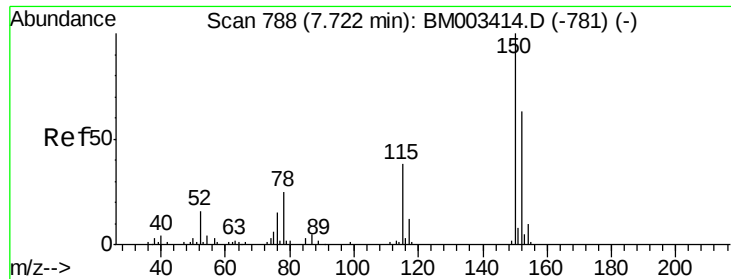
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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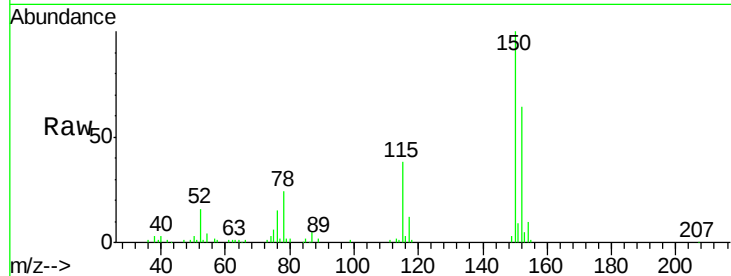


#1

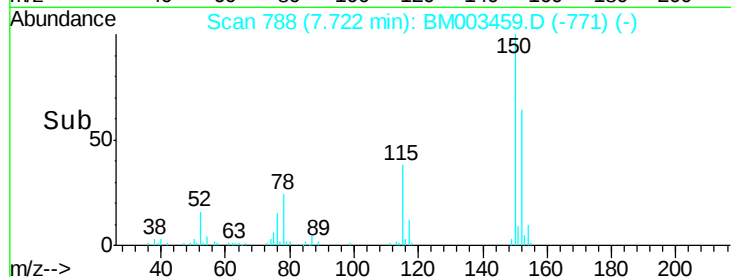
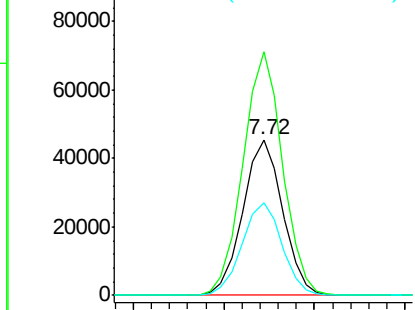
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BM003459.D
 Acq: 10 Dec 2015 19:11

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	59.3	43.0	64.4



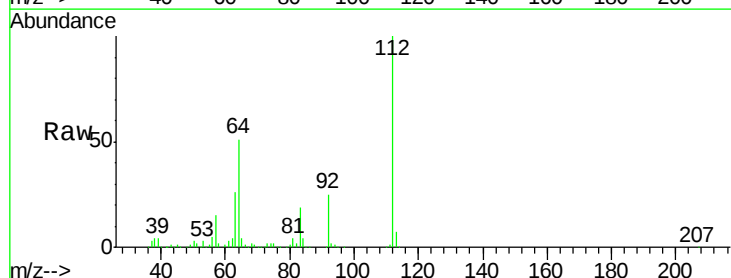
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



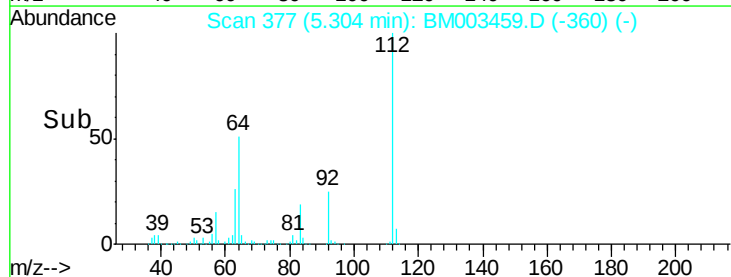
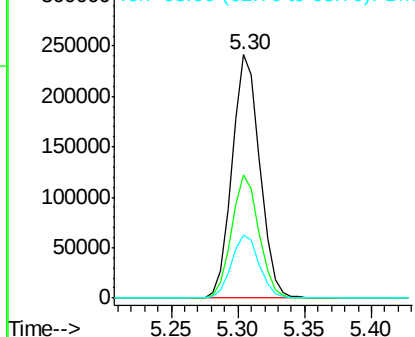
#5

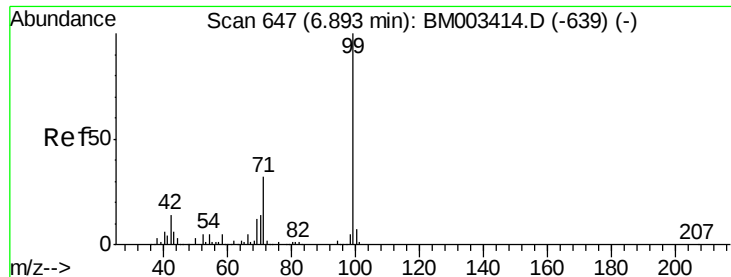
2-Fluorophenol
 Concen: 89.73 ng
 RT: 5.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: BM003459.D
 Acq: 10 Dec 2015 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	38.6	57.8
63	26.1	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: 82.84 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM003459.D

Acq: 10 Dec 2015 19:11

Instrument :

BNA_M

ClientSampleId :

PB87185BL

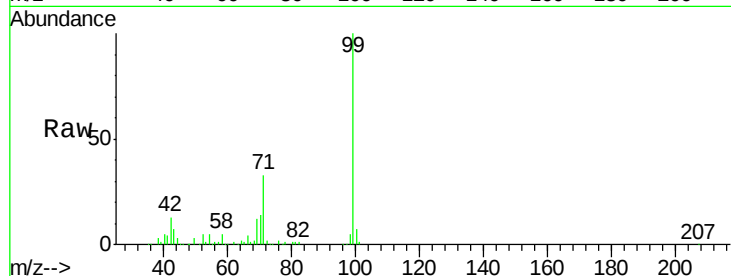
Tot Ion: 99 Resp: 448168

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

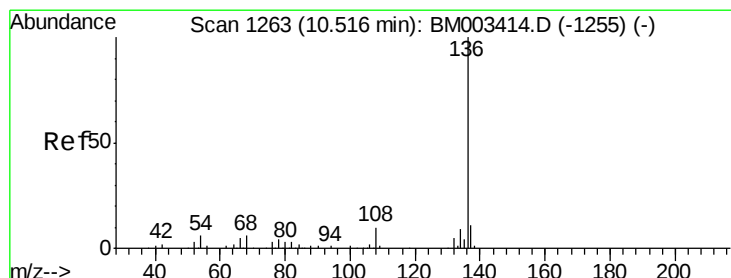
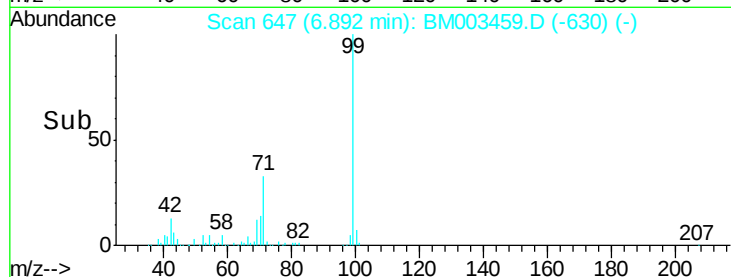
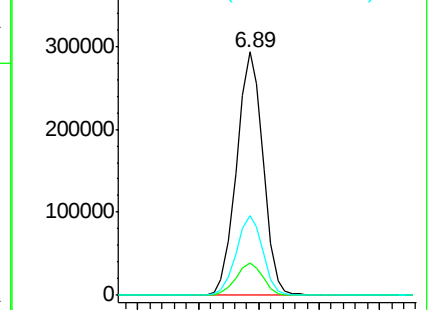
71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003459.D

Acq: 10 Dec 2015 19:11

Tgt Ion: 136 Resp: 283822

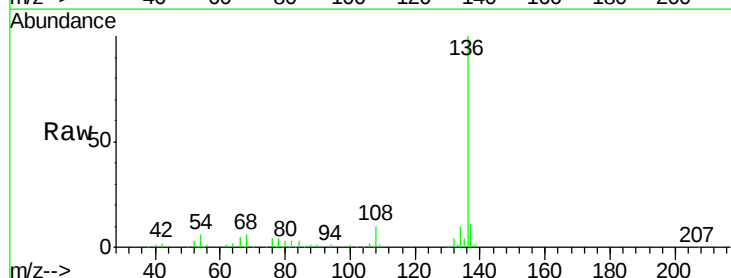
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.7 4.6 6.8

68 5.9 3.7 5.5#

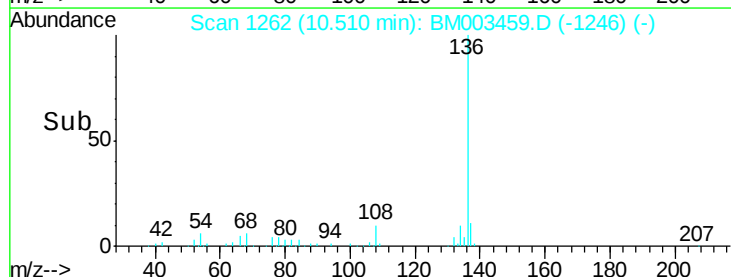
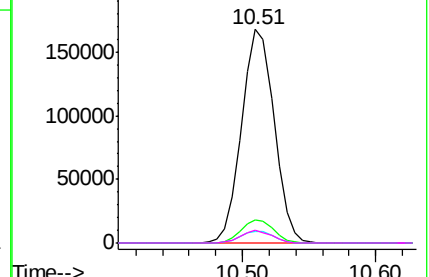


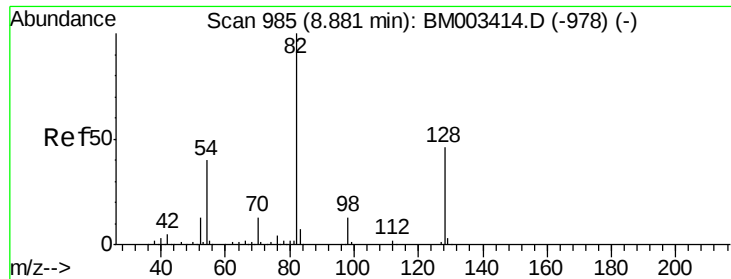
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

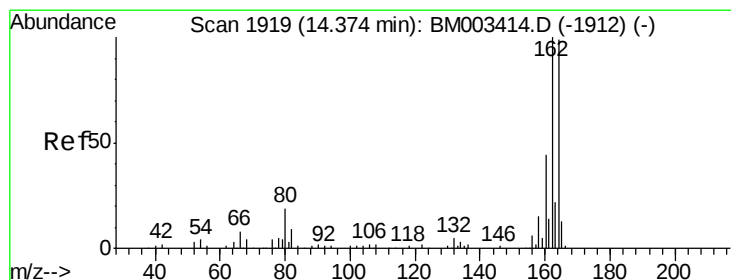
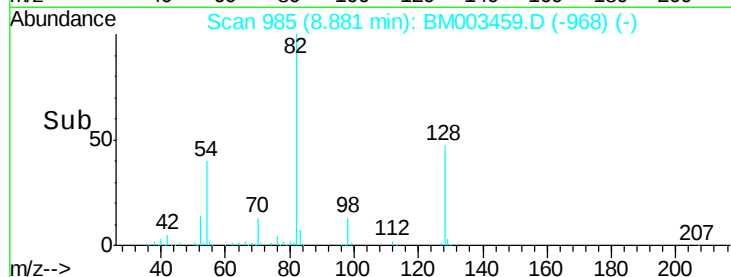
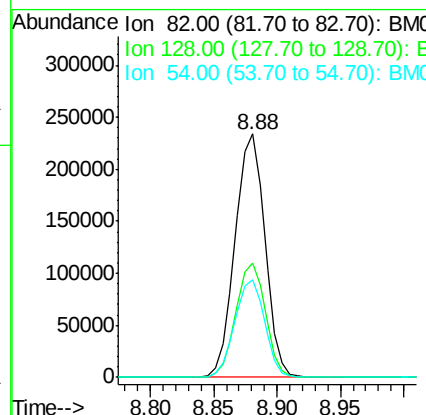
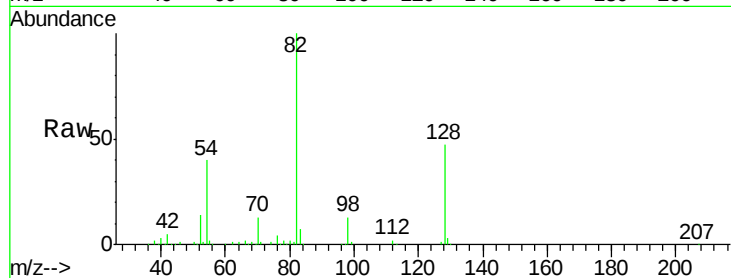




#23
 Nitrobenzene-d5
 Concen: 83.37 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM003459.D
 Acq: 10 Dec 2015 19:11

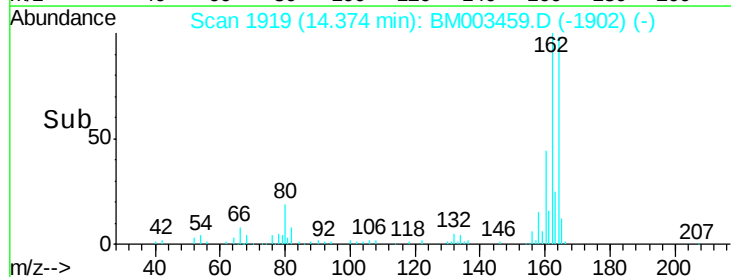
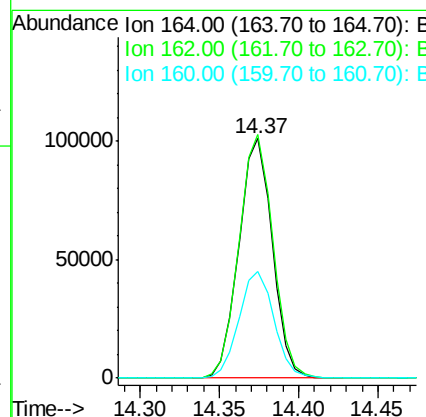
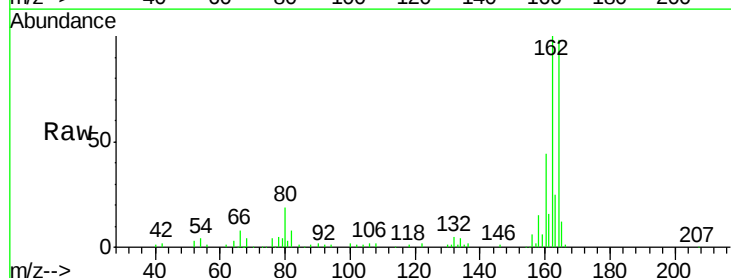
Instrument :
 BNA_M
 ClientSampleId :
 PB87185BL

Tot Ion	82	Resp	381636
Ion Ratio	Lower	Upper	
82	100		
128	46.9	32.8	49.2
54	40.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BM003459.D
 Acq: 10 Dec 2015 19:11

Tgt Ion	164	Resp	148306
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.4	123.6
160	44.7	35.8	53.6

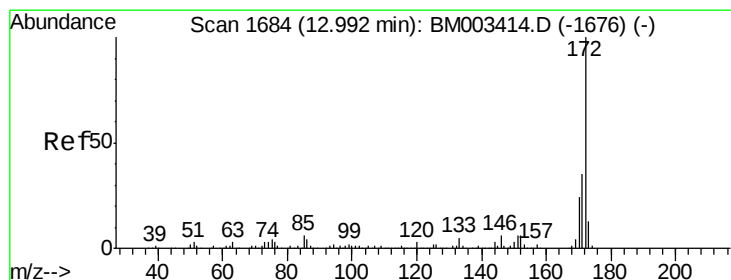
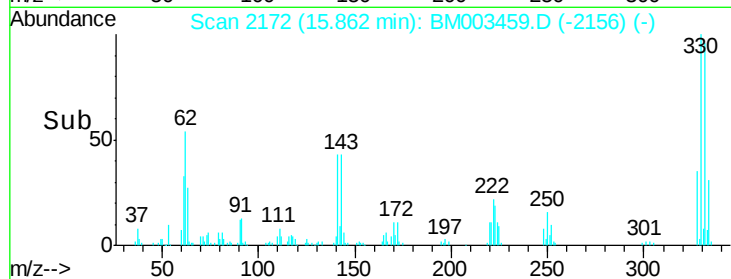
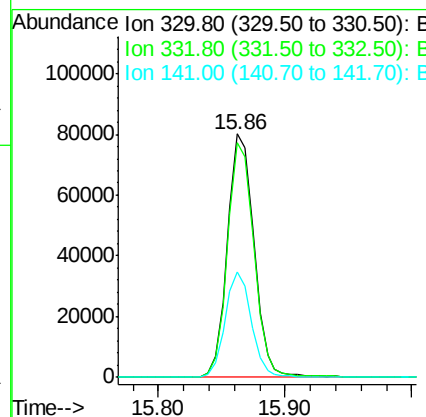
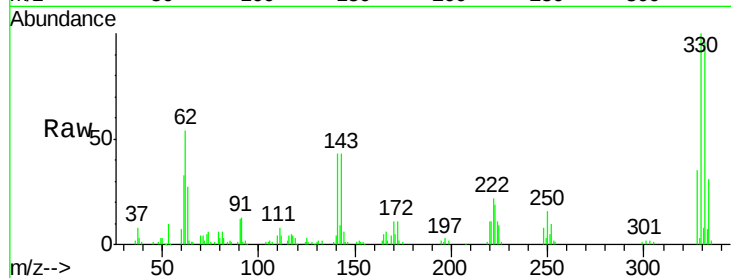




#41
 2,4,6-Tribromophenol
 Concen: 78.82 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM003459.D
 Acq: 10 Dec 2015 19:11

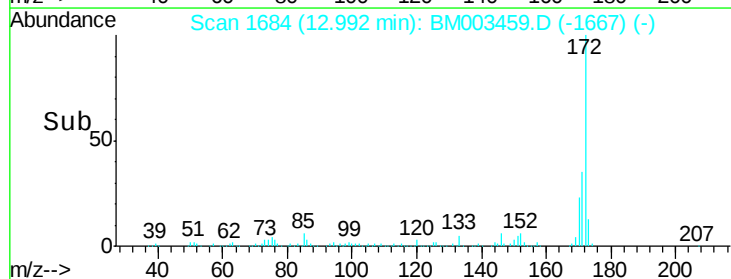
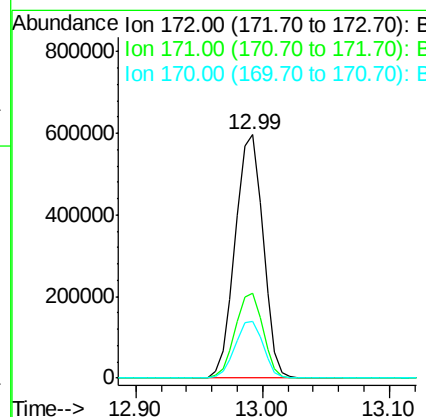
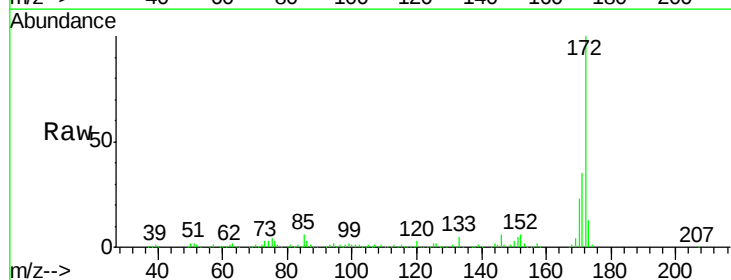
Instrument :
 BNA_M
 ClientSampled :
 PB87185BL

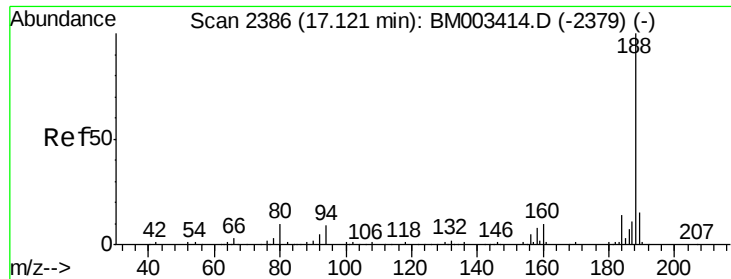
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	42.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003459.D
 Acq: 10 Dec 2015 19:11

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM003459.D

Acq: 10 Dec 2015 19:11

Instrument :

BNA_M

ClientSampled :

PB87185BL

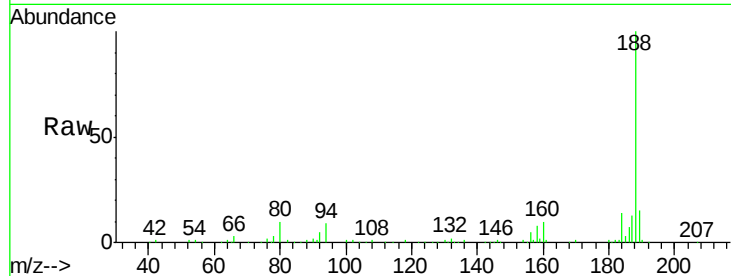
Tot Ion:188 Resp: 296544

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

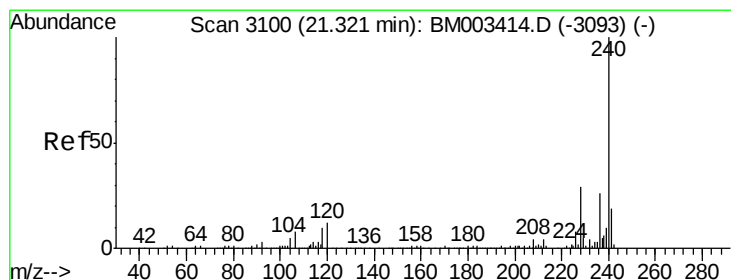
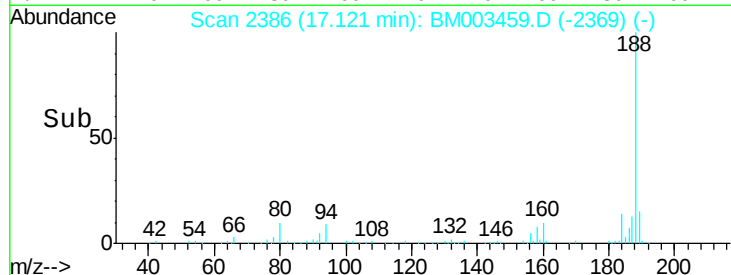
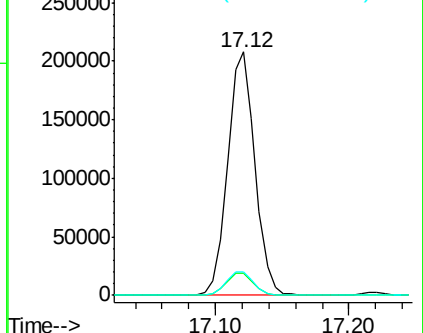
80 9.5 9.3 13.9



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: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003459.D

Acq: 10 Dec 2015 19:11

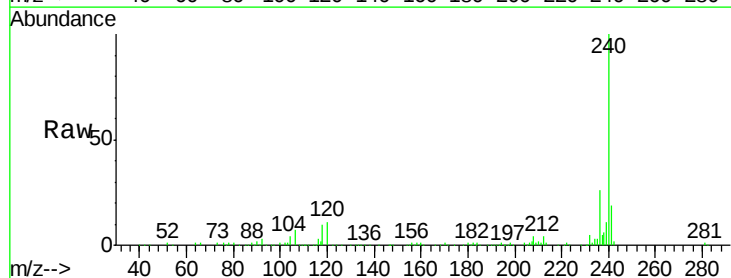
Tgt Ion:240 Resp: 326013

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.2

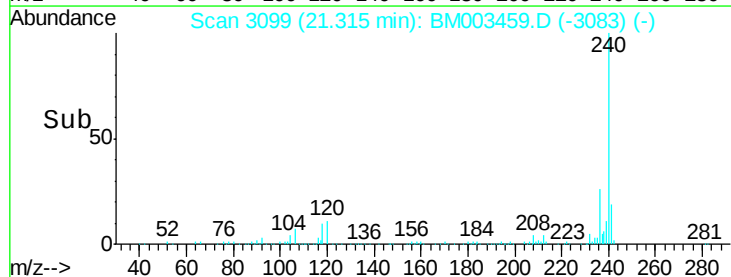
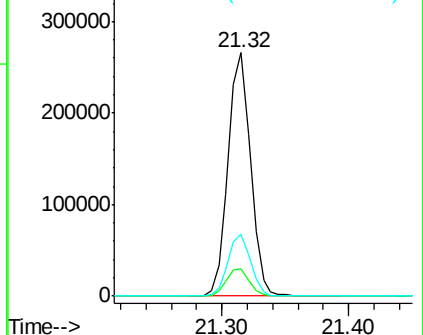
236 25.6 20.0 30.0

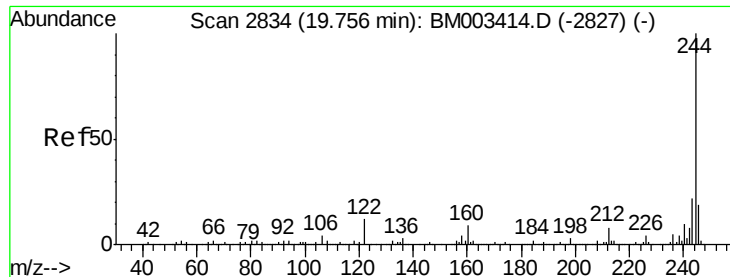


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.12 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM003459.D

Acq: 10 Dec 2015 19:11

Instrument :

BNA_M

ClientSampleId :

PB87185BL

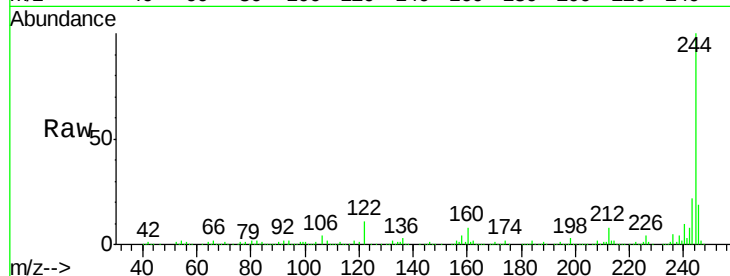
Tot Ion:244 Resp: 983225

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

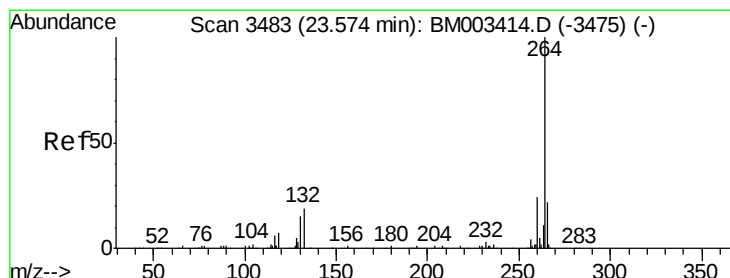
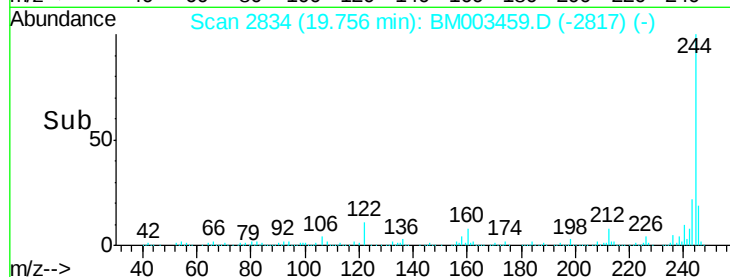
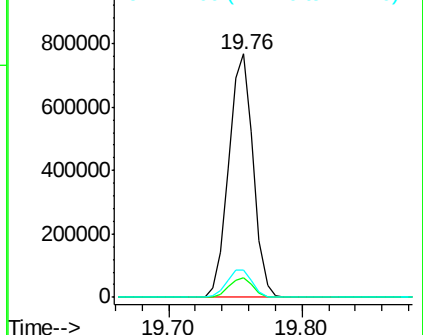
122 11.4 6.2 9.4#



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: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003459.D

Acq: 10 Dec 2015 19:11

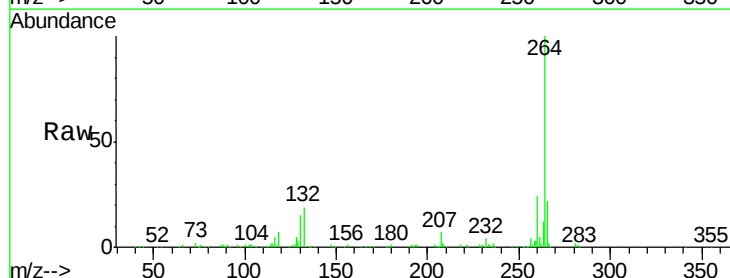
Tgt Ion:264 Resp: 329369

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.9 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

