

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120915\
 Data File : BM003447.D
 Acq On : 10 Dec 2015 11:54
 Operator : UM/IZ
 Sample : G4690-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-20

Quant Time: Dec 10 13:45:28 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	73693	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	318357	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	170743	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	354179	20.00	ng	0.00
75) Chrysene-d12	21.32	240	358017	20.00	ng	0.00
86) Perylene-d12	23.57	264	345667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	302109	72.89	ng	0.00
7) Phenol-d6	6.89	99	251733	43.74	ng	0.00
23) Nitrobenzene-d5	8.88	82	505523	98.46	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	247261	145.00	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1200071	95.76	ng	0.00
78) Terphenyl-d14	19.76	244	1135281	74.78	ng	0.00

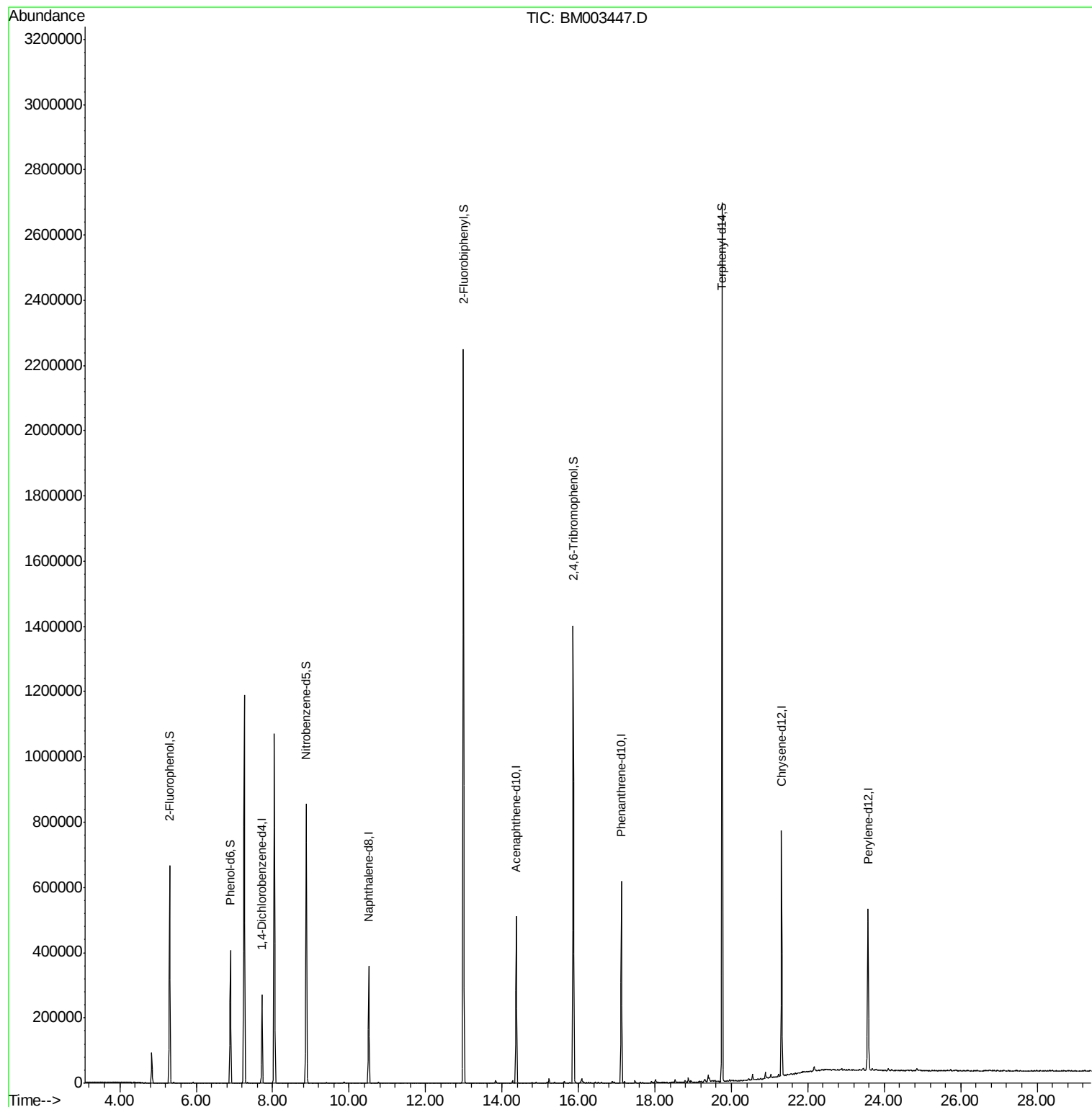
Target Compounds	Qvalue
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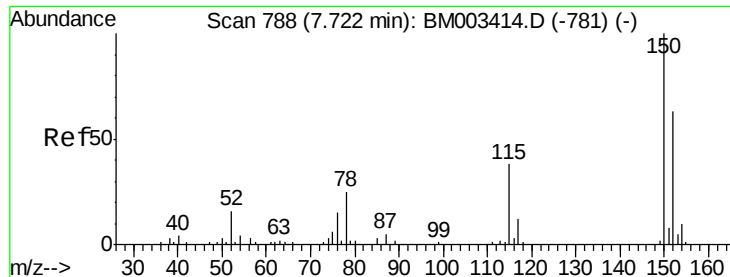
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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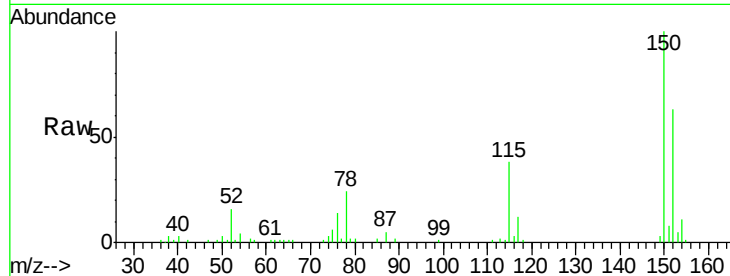




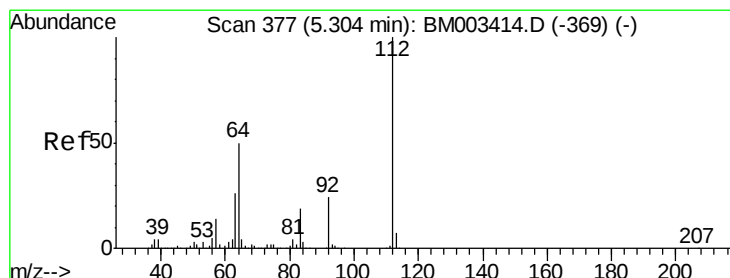
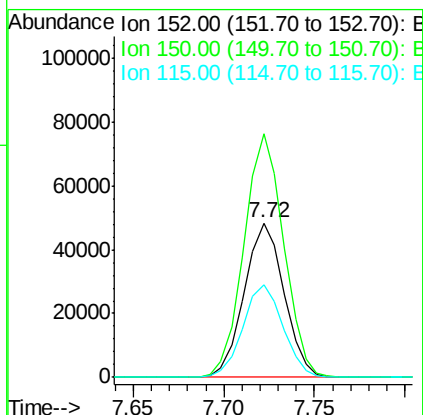
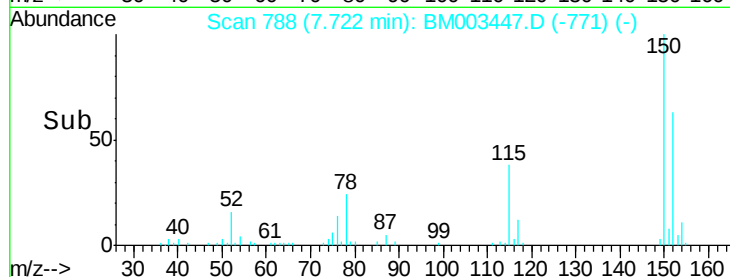
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BM003447.D
 Acq: 10 Dec 2015 11:54

Instrument :
 BNA_M
 ClientSampleId :
 MW-20

Tgt Ion:152 Resp: 73693
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.5 179.3
 115 60.4 43.0 64.4

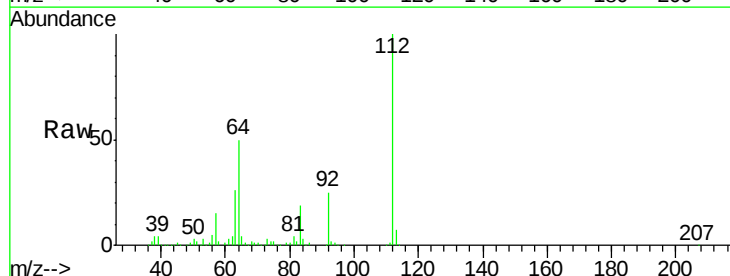


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

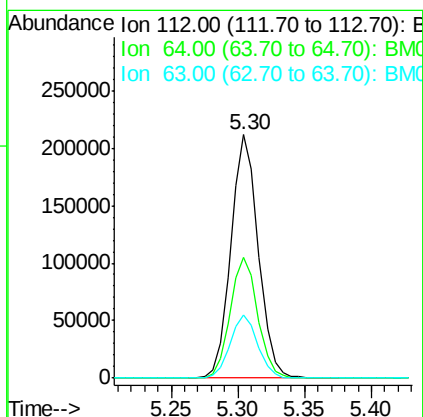
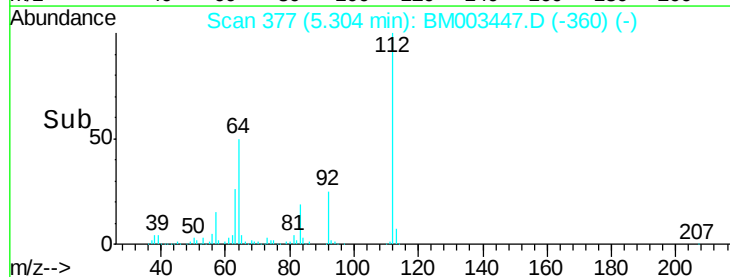


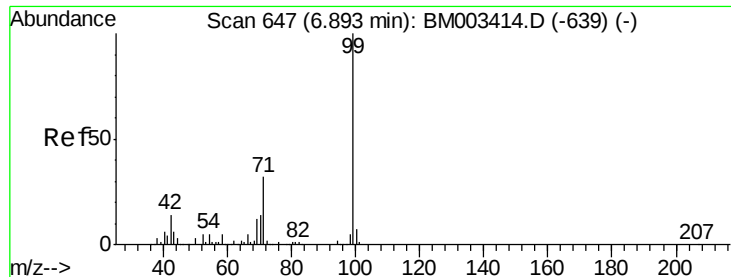
#5
 2-Fluorophenol
 Concen: 72.89 ng
 RT: 5.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: BM003447.D
 Acq: 10 Dec 2015 11:54

Tgt Ion:112 Resp: 302109
 Ion Ratio Lower Upper
 112 100
 64 49.7 38.6 57.8
 63 25.8 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: 43.74 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM003447.D

Acq: 10 Dec 2015 11:54

Instrument :

BNA_M

ClientSampleId :

MW-20

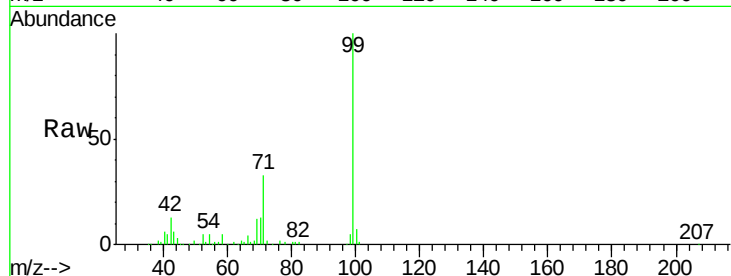
Tgt Ion: 99 Resp: 251733

Ion Ratio Lower Upper

99 100

42 13.2 11.0 16.4

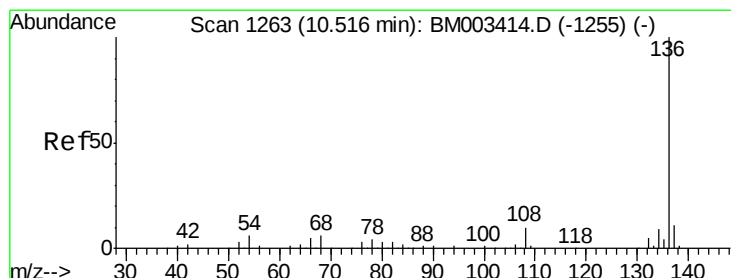
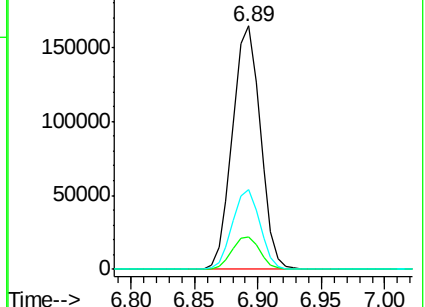
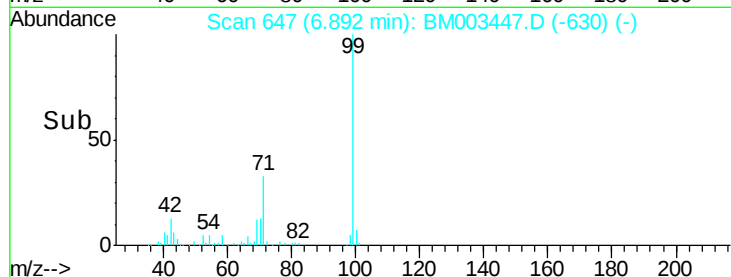
71 32.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003447.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003447.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003447.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003447.D

Acq: 10 Dec 2015 11:54

Tgt Ion: 136 Resp: 318357

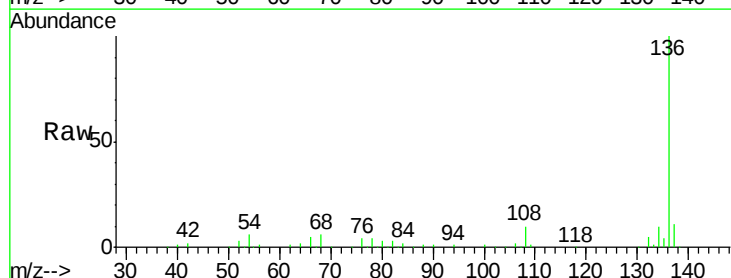
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.9 4.6 6.8

68 5.6 3.7 5.5#

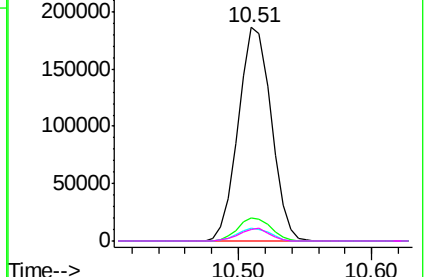
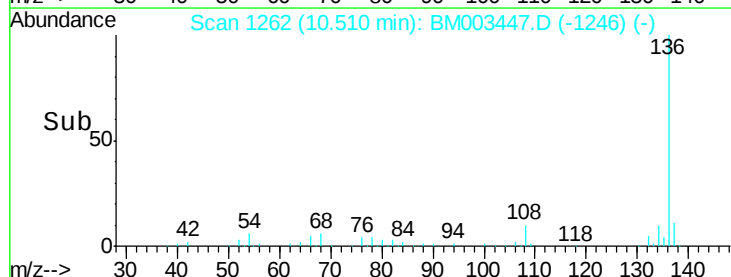


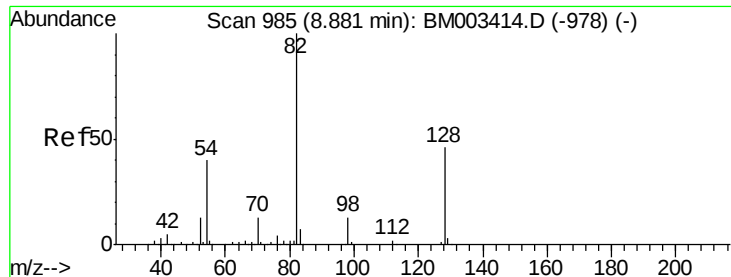
Abundance Ion 136.00 (135.70 to 136.70): BM003447.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003447.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003447.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003447.D (-1255) (-)

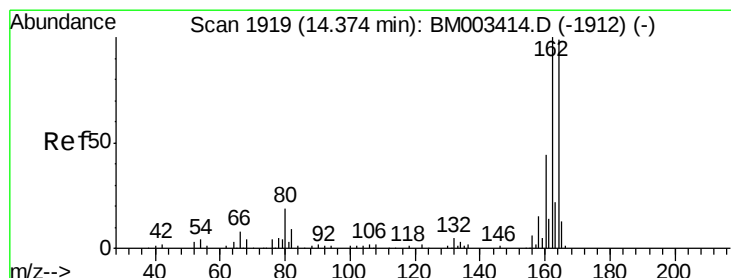
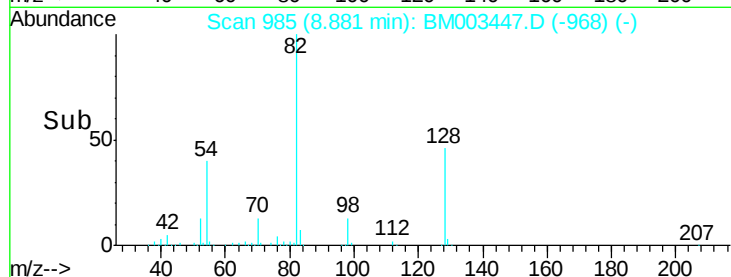
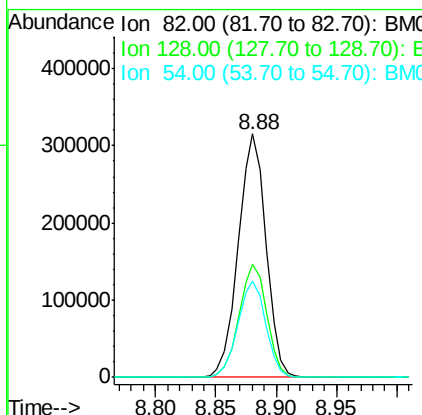
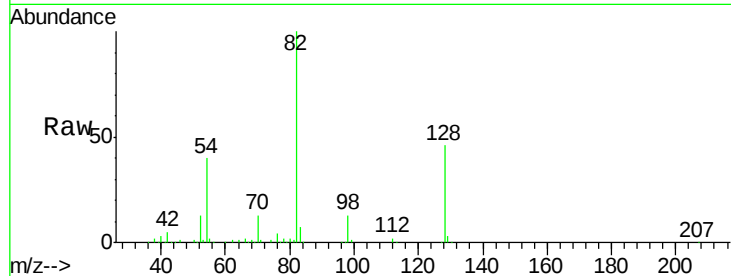




#23
 Nitrobenzene-d5
 Concen: 98.46 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM003447.D
 Acq: 10 Dec 2015 11:54

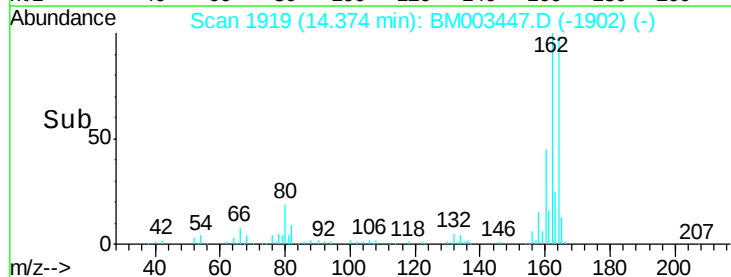
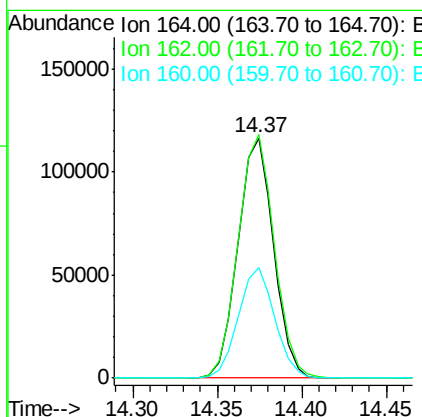
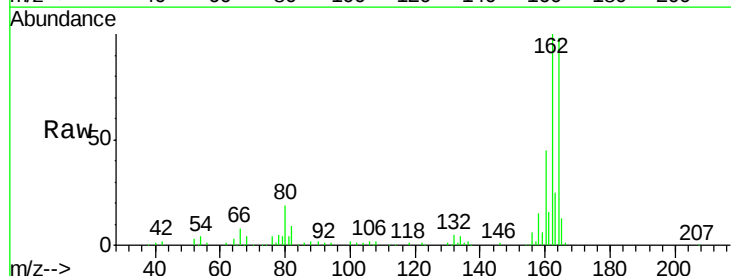
Instrument :
 BNA_M
 ClientSampleId :
 MW-20

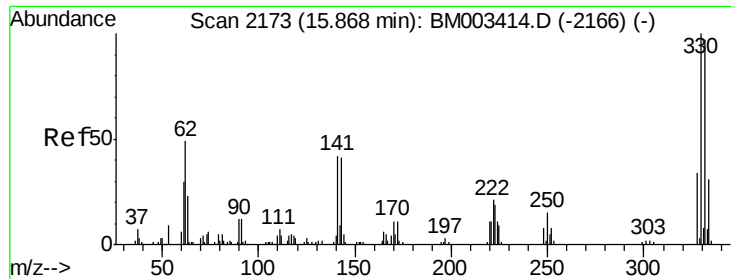
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.8	49.2
54	39.6	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BM003447.D
 Acq: 10 Dec 2015 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	45.8	35.8	53.6

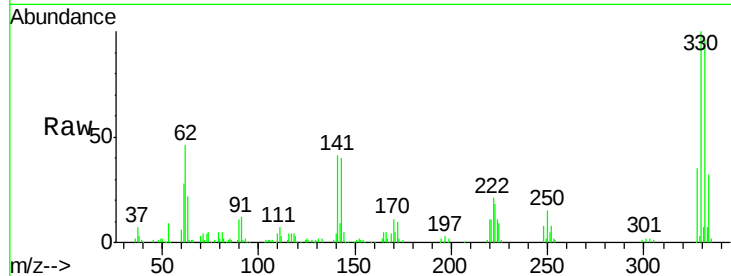




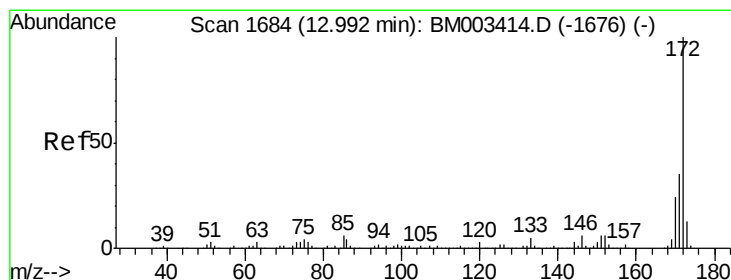
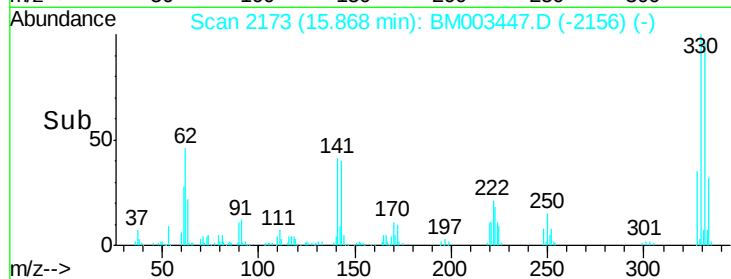
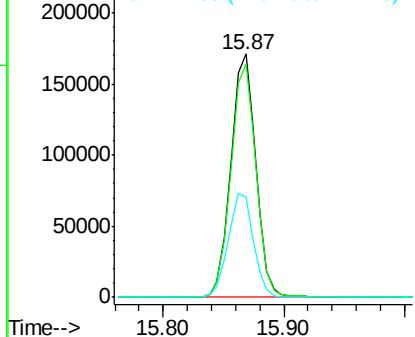
#41
 2,4,6-Tribromophenol
 Concen: 145.00 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003447.D
 Acq: 10 Dec 2015 11:54

Instrument :
 BNA_M
 ClientSampleId :
 MW-20

Tgt Ion:330 Resp: 247261
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 43.2 0.0 0.0#

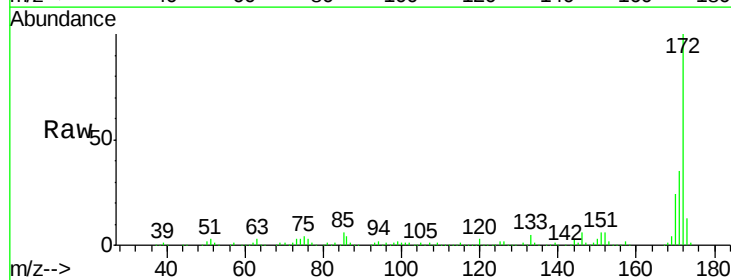


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

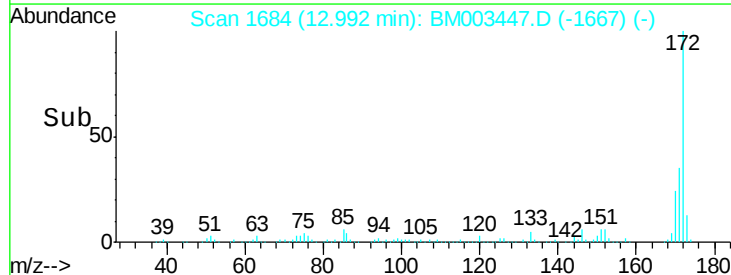
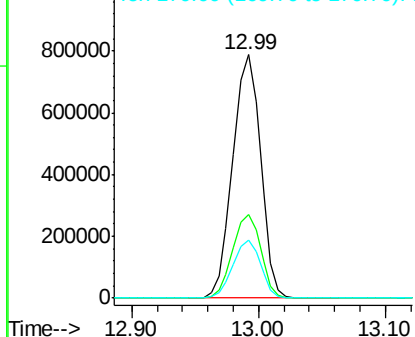


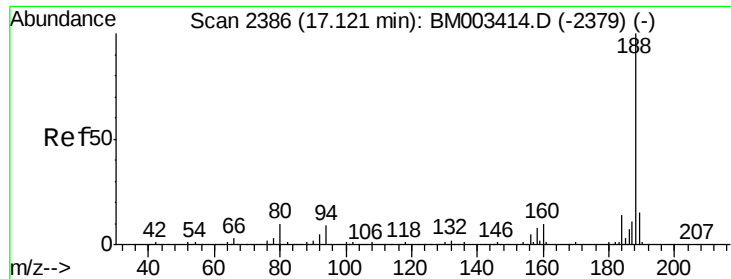
#44
 2-Fluorobiphenyl
 Concen: 95.76 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003447.D
 Acq: 10 Dec 2015 11:54

Tgt Ion:172 Resp: 1200071
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.6 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

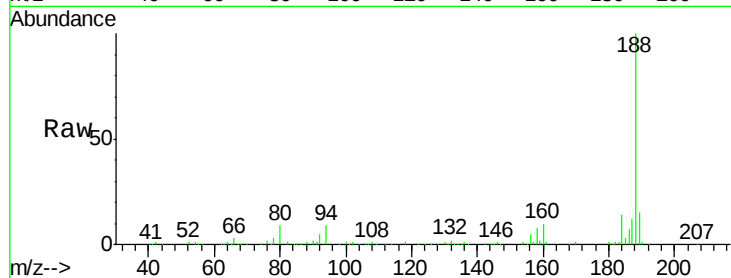




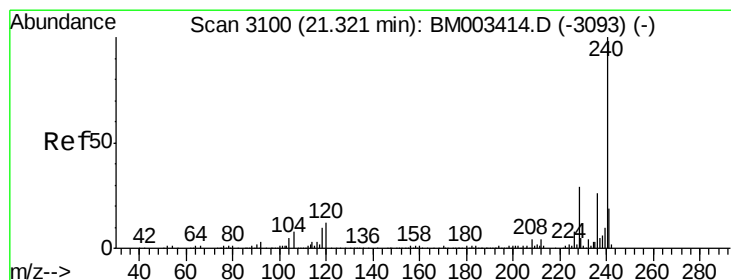
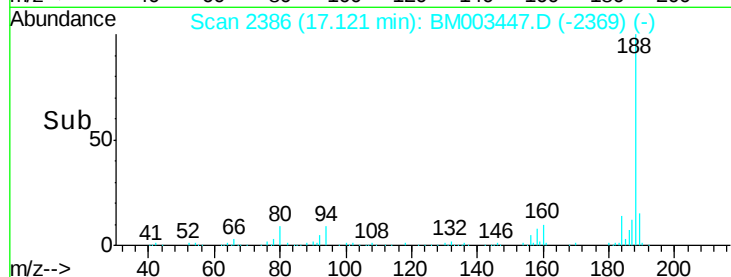
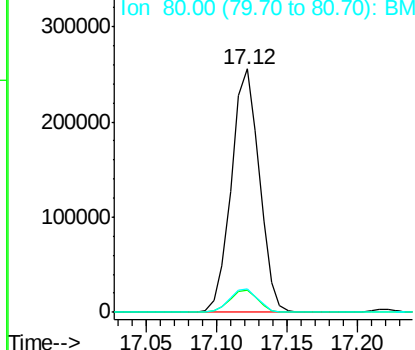
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003447.D
Acq: 10 Dec 2015 11:54

Instrument :
BNA_M
ClientSampleId :
MW-20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	9.4	9.3	13.9

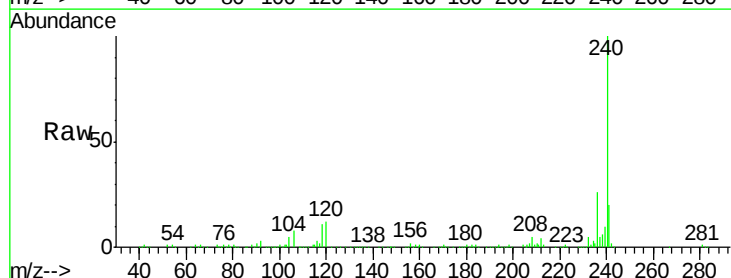


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

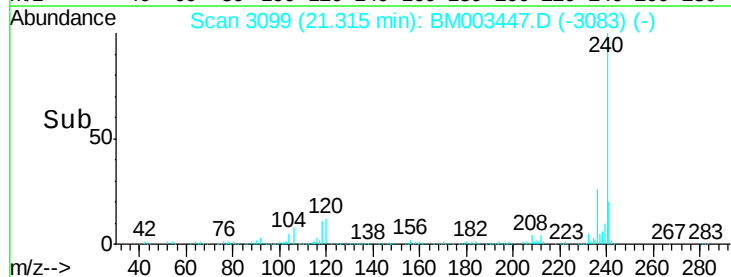
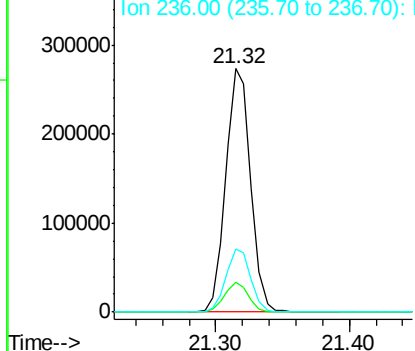


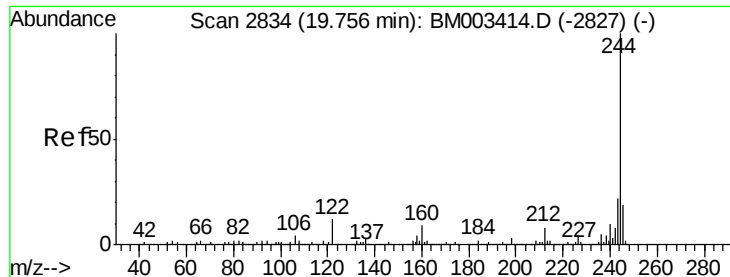
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003447.D
Acq: 10 Dec 2015 11:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.2	12.2#
236	25.8	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: 74.78 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM003447.D

Acq: 10 Dec 2015 11:54

Instrument :

BNA_M

ClientSampleId :

MW-20

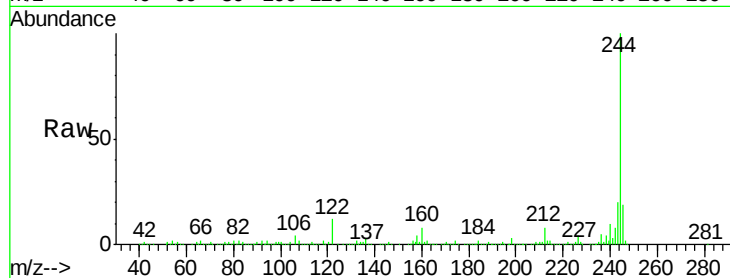
Tgt Ion:244 Resp: 1135281

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

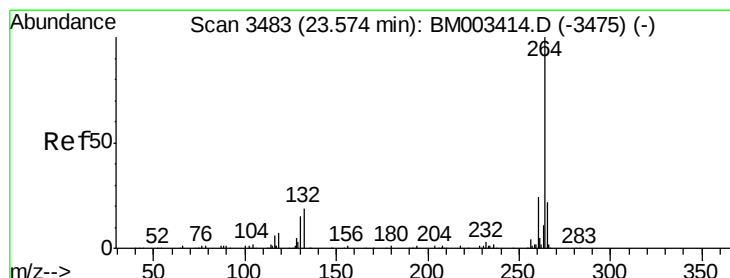
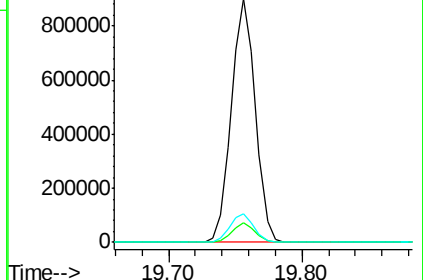
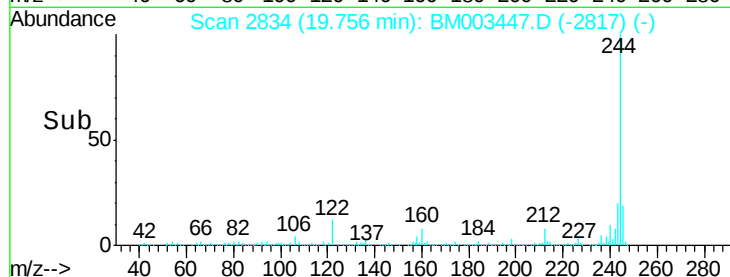
122 11.5 6.2 9.4#



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# 3483

Delta R.T. -0.00 min

Lab File: BM003447.D

Acq: 10 Dec 2015 11:54

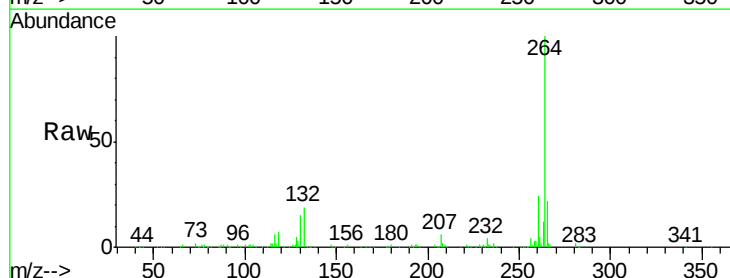
Tgt Ion:264 Resp: 345667

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

