

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003456.D
 Acq On : 10 Dec 2015 17:21
 Operator : UM/IZ
 Sample : G4752-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GW1

Quant Time: Dec 10 17:54:27 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	67572	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	289774	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	156091	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	323647	20.00	ng	0.00
75) Chrysene-d12	21.32	240	325867	20.00	ng	0.00
86) Perylene-d12	23.57	264	318820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	235385	61.93	ng	0.00
7) Phenol-d6	6.89	99	190836	36.16	ng	0.00
23) Nitrobenzene-d5	8.88	82	449239	96.12	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	212730	136.46	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1081932	94.44	ng	0.00
78) Terphenyl-d14	19.76	244	1057568	76.54	ng	0.00

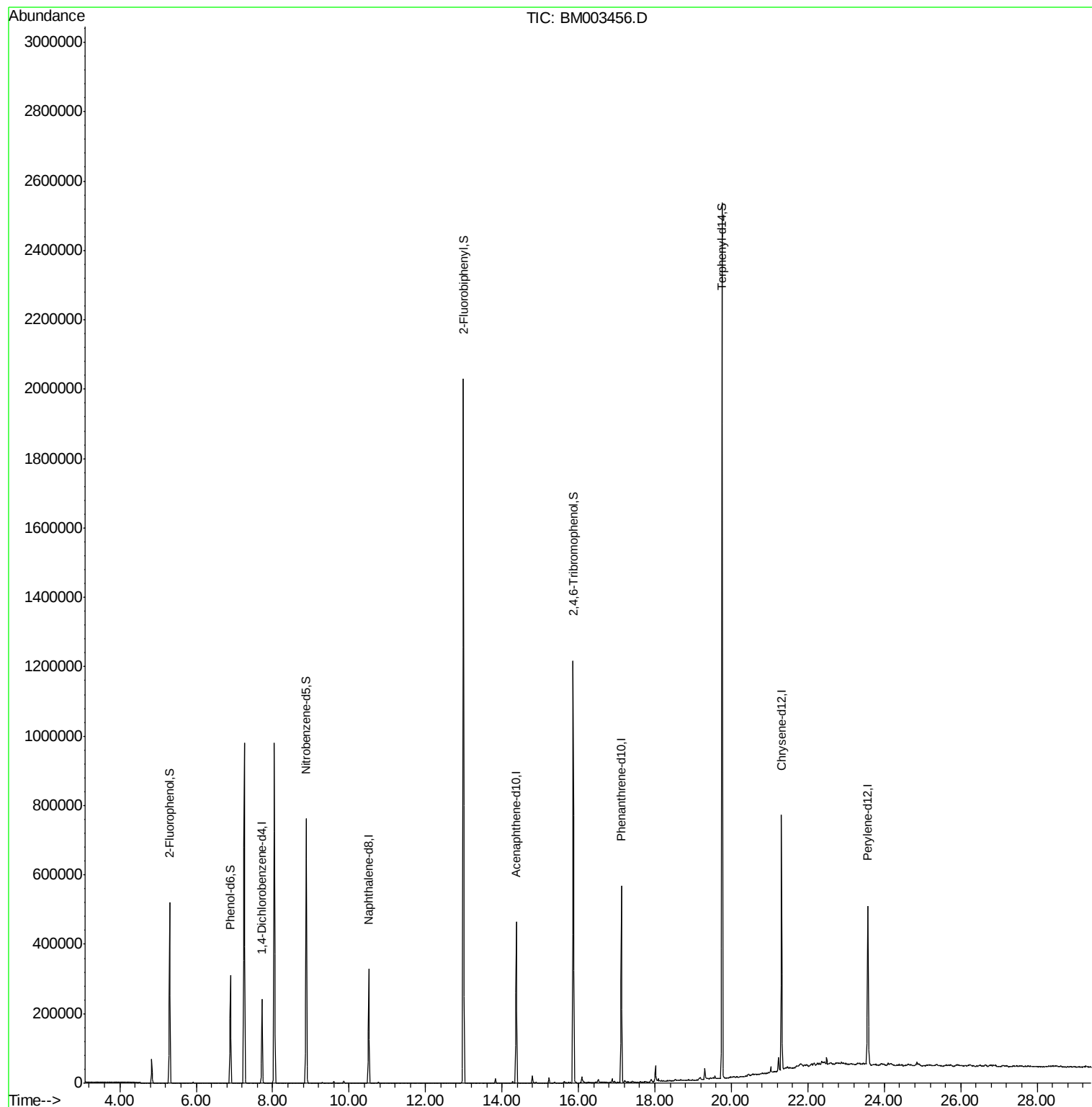
Target Compounds	Qvalue
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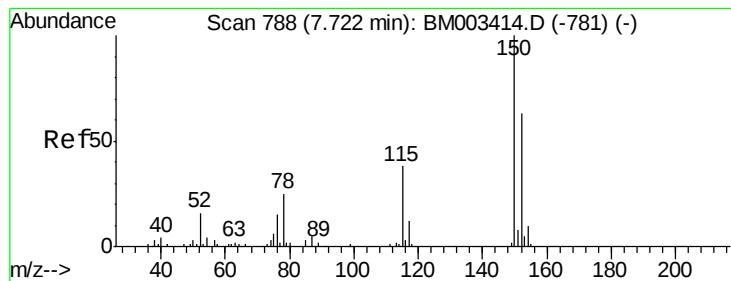
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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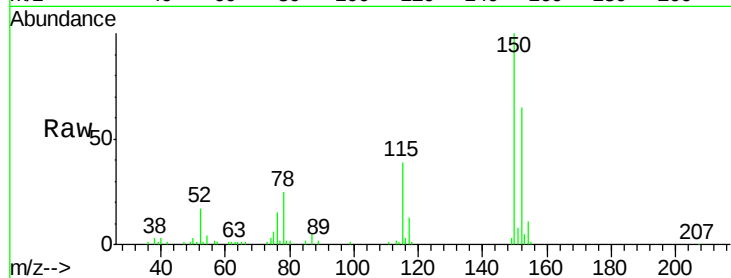


#1

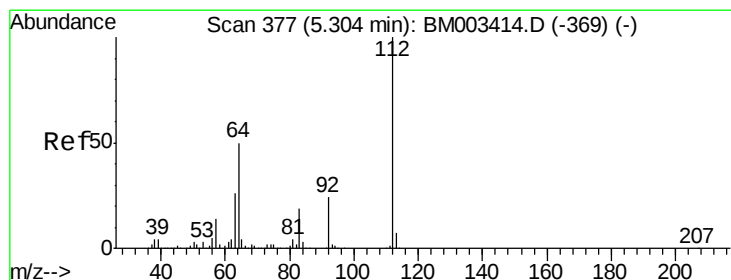
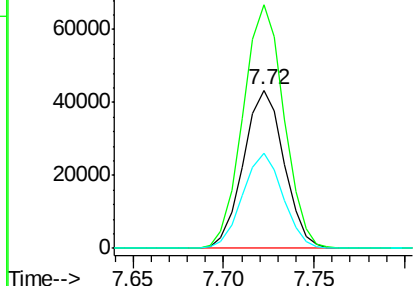
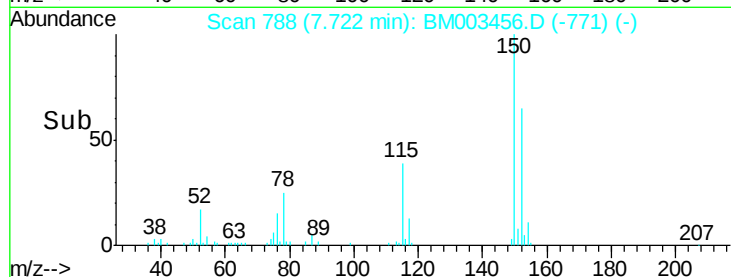
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BM003456.D
 Acq: 10 Dec 2015 17:21

Instrument :
 BNA_M
 ClientSampleId :
 GW1

Tgt Ion:152 Resp: 67572
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.5 179.3
 115 60.5 43.0 64.4



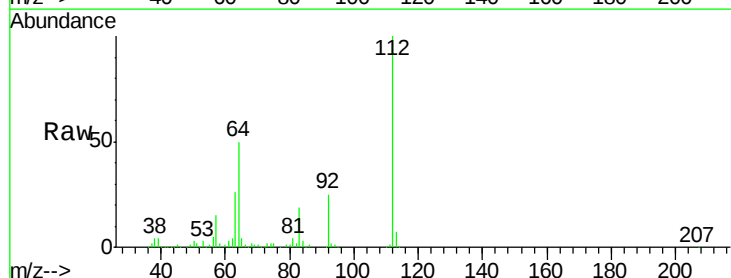
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



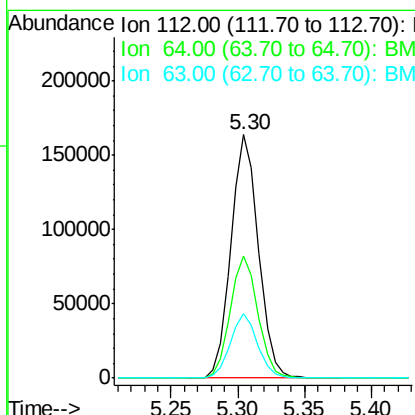
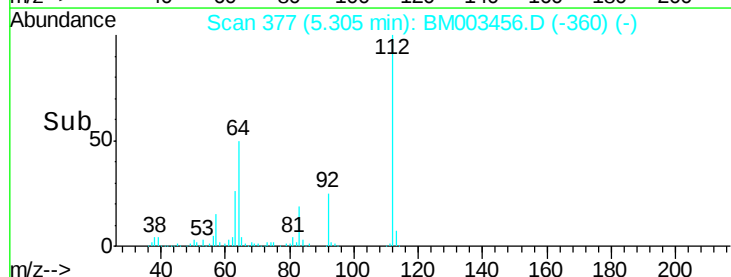
#5

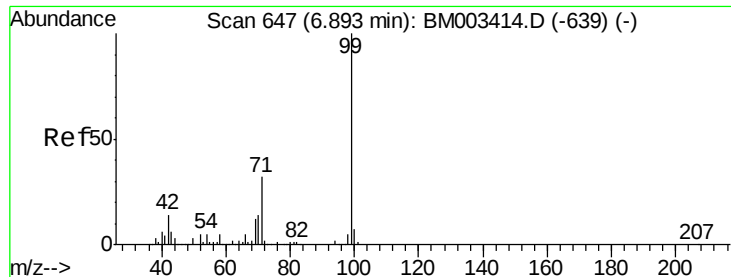
2-Fluorophenol
 Concen: 61.93 ng
 RT: 5.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: BM003456.D
 Acq: 10 Dec 2015 17:21

Tgt Ion:112 Resp: 235385
 Ion Ratio Lower Upper
 112 100
 64 50.3 38.6 57.8
 63 26.2 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: 36.16 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003456.D

Acq: 10 Dec 2015 17:21

Instrument :

BNA_M

ClientSampleId :

GW1

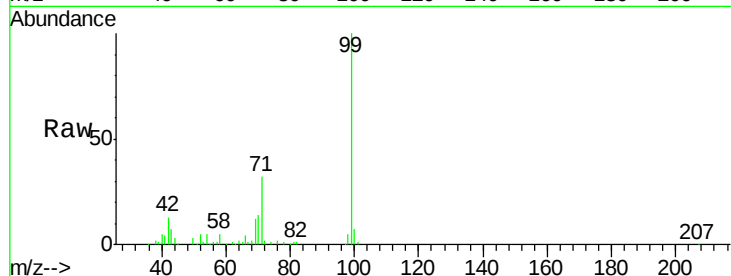
Tgt Ion: 99 Resp: 190836

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

71 31.7 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) (-)

6.89

150000

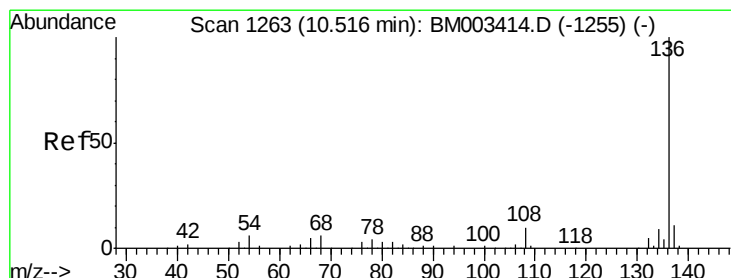
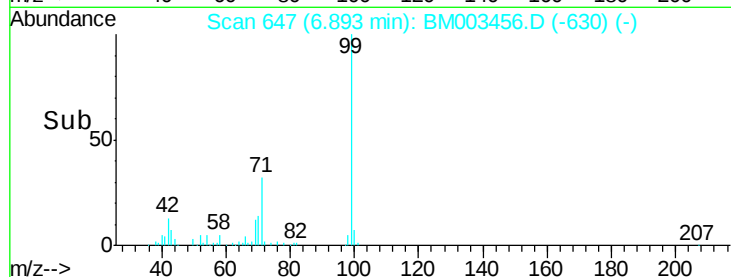
100000

50000

0

6.80 6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003456.D

Acq: 10 Dec 2015 17:21

Tgt Ion: 136 Resp: 289774

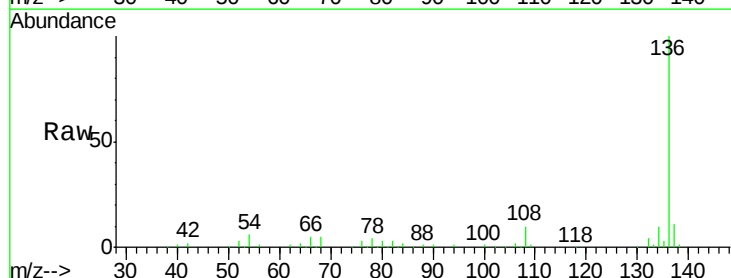
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.8 4.6 6.8

68 5.4 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) (-)

10.51

250000

200000

150000

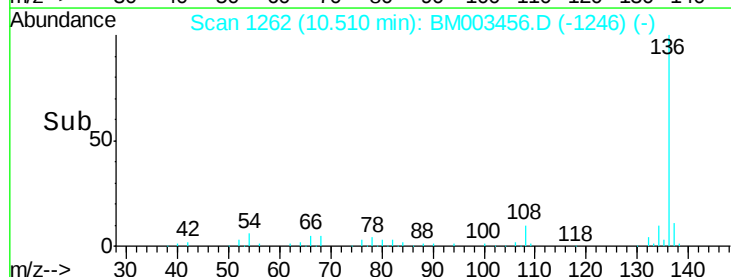
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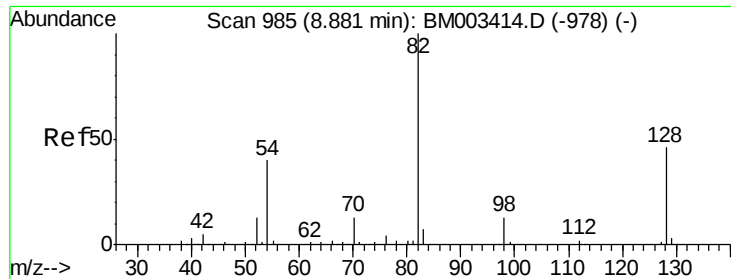
50000

0

10.45 10.50 10.55 10.60

Time-->

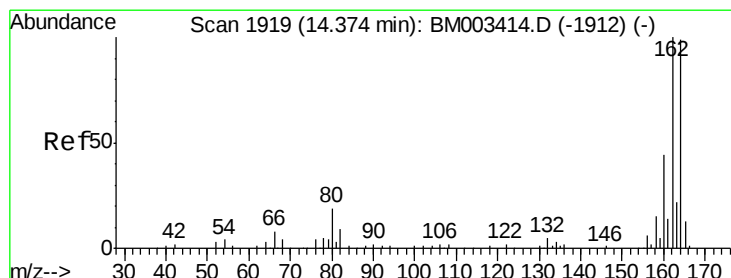
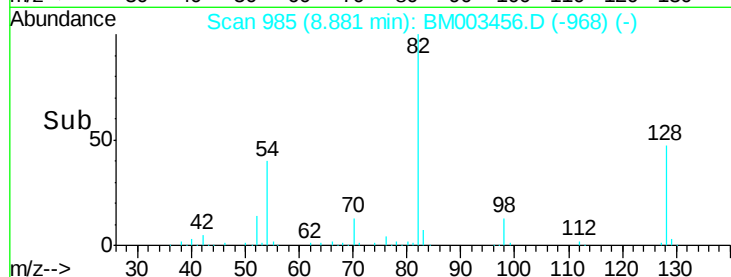
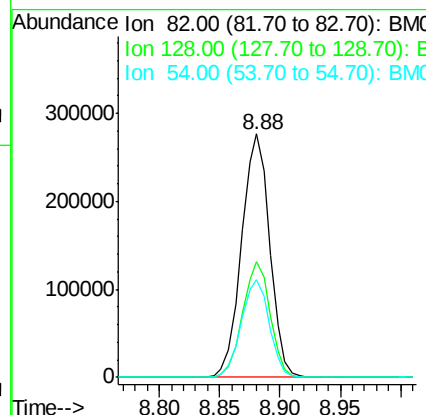
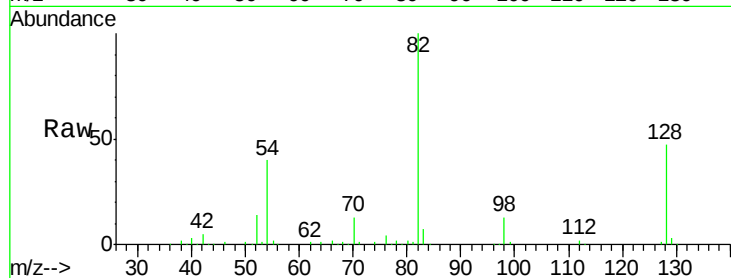




#23
 Nitrobenzene-d5
 Concen: 96.12 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003456.D
 Acq: 10 Dec 2015 17:21

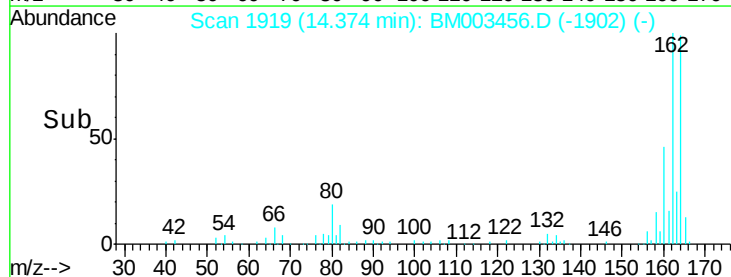
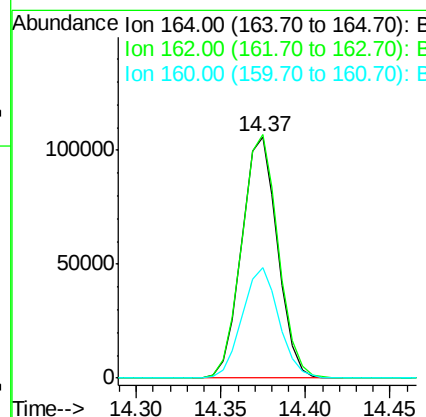
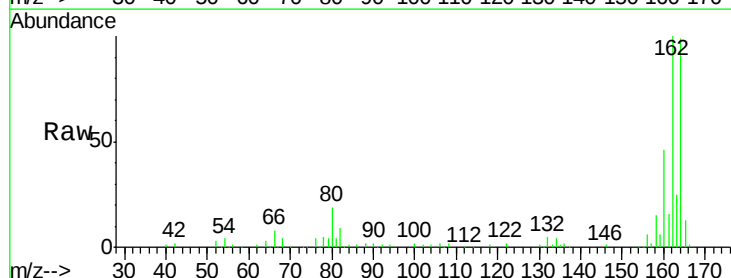
Instrument :
 BNA_M
 ClientSampleId :
 GW1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	32.8	49.2
54	40.3	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: BM003456.D
 Acq: 10 Dec 2015 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	45.9	35.8	53.6

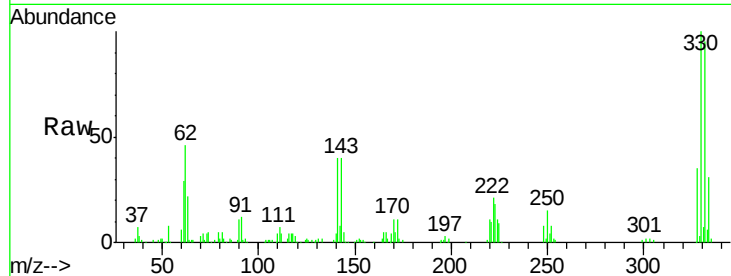




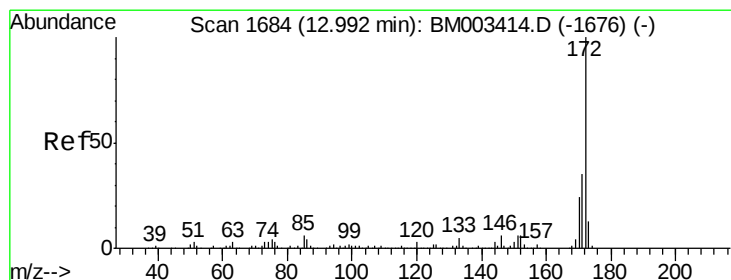
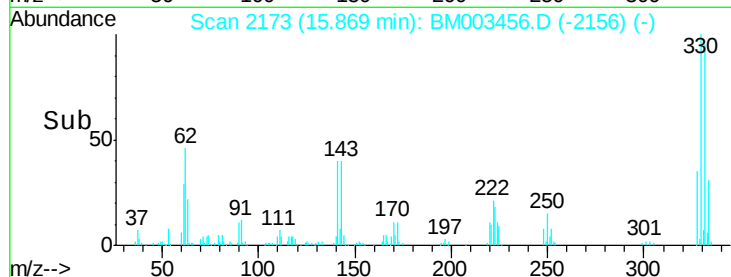
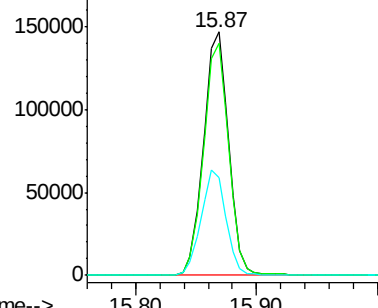
#41
 2,4,6-Tribromophenol
 Concen: 136.46 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003456.D
 Acq: 10 Dec 2015 17:21

Instrument :
 BNA_M
 ClientSampleId :
 GW1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	43.2	0.0	0.0#

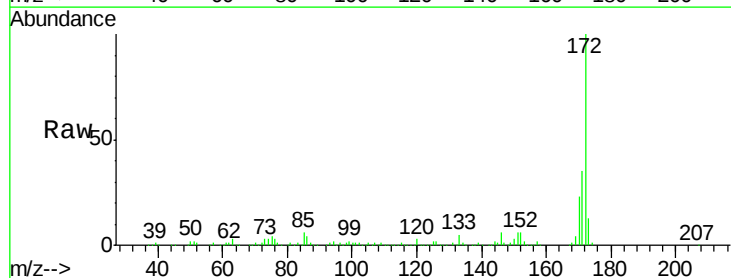


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

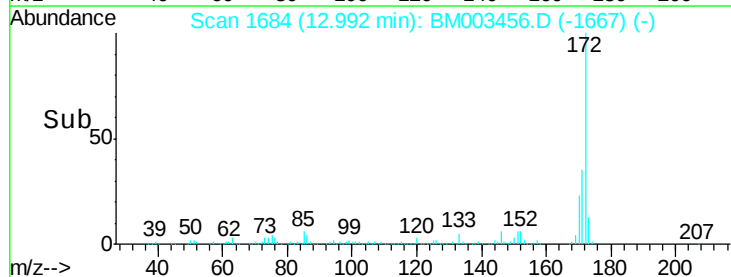
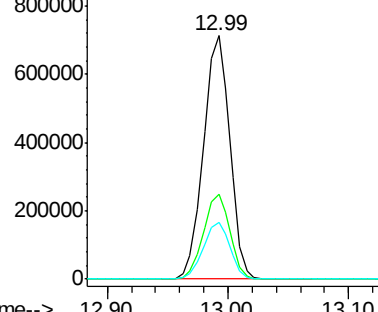


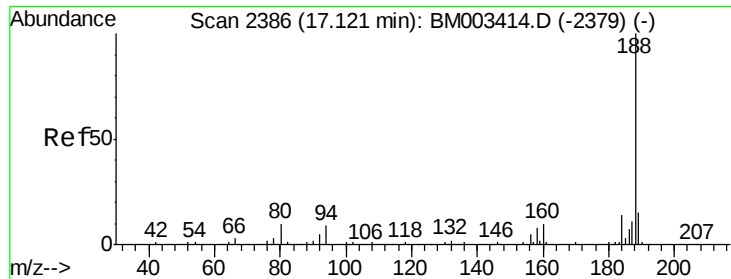
#44
 2-Fluorobiphenyl
 Concen: 94.44 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003456.D
 Acq: 10 Dec 2015 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM003456.D

Acq: 10 Dec 2015 17:21

Instrument :

BNA_M

ClientSampleId :

GW1

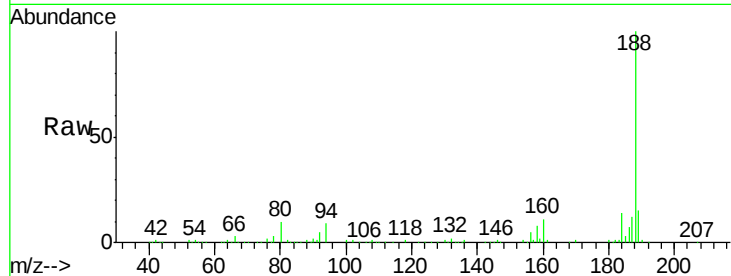
Tgt Ion:188 Resp: 323647

Ion Ratio Lower Upper

188 100

94 8.9 8.7 13.1

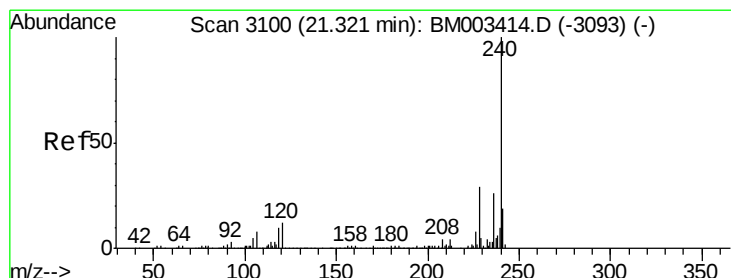
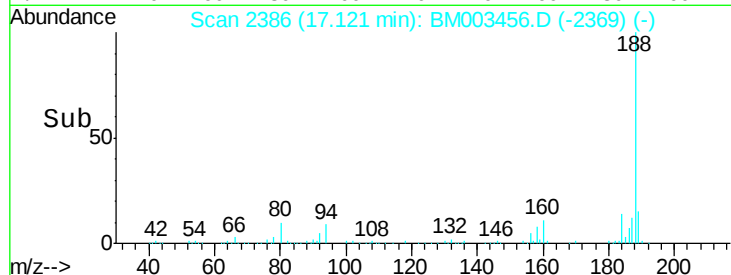
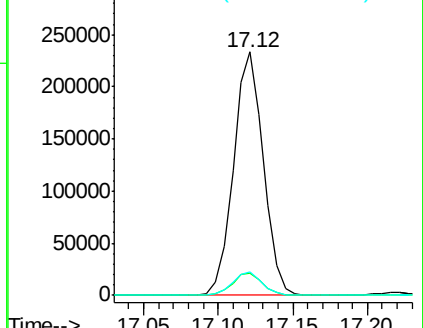
80 9.5 9.3 13.9



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: BM003456.D

Acq: 10 Dec 2015 17:21

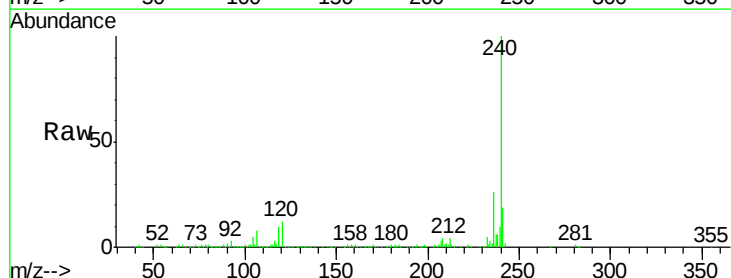
Tgt Ion:240 Resp: 325867

Ion Ratio Lower Upper

240 100

120 11.9 8.2 12.2

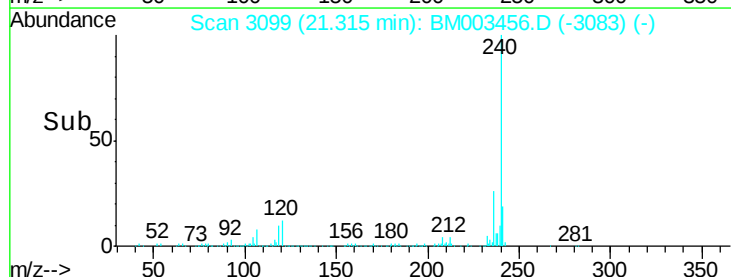
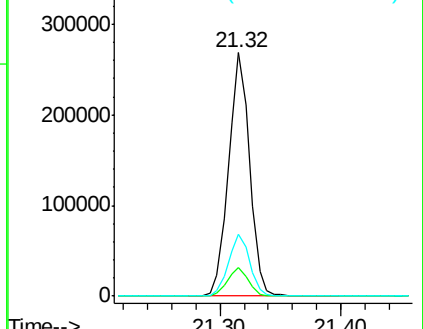
236 25.6 20.0 30.0

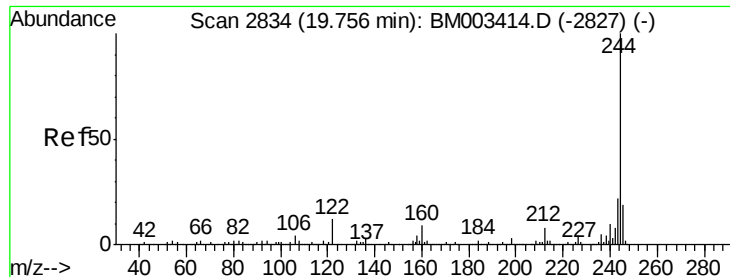


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.54 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003456.D

Acq: 10 Dec 2015 17:21

Instrument :

BNA_M

ClientSampleId :

GW1

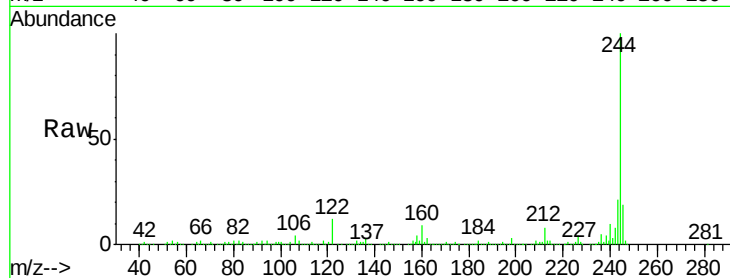
Tgt Ion:244 Resp: 1057568

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

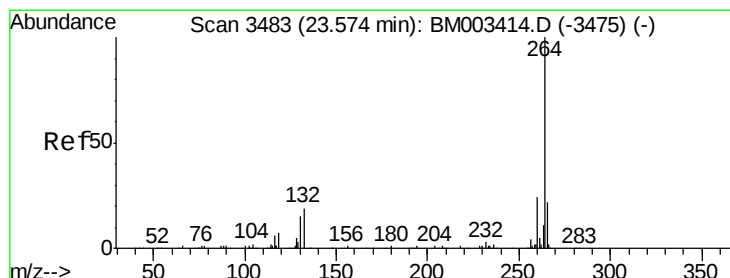
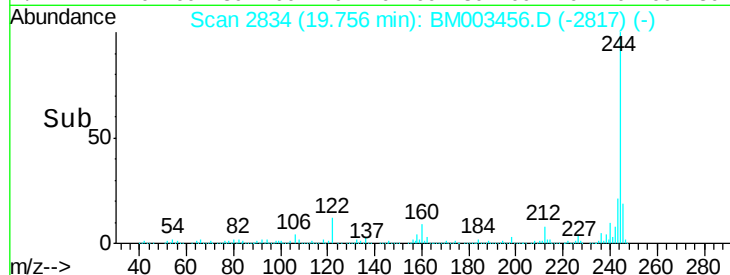
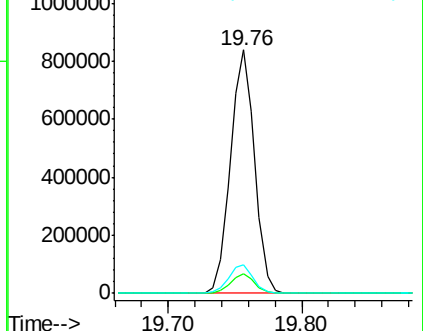
122 11.6 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003456.D

Acq: 10 Dec 2015 17:21

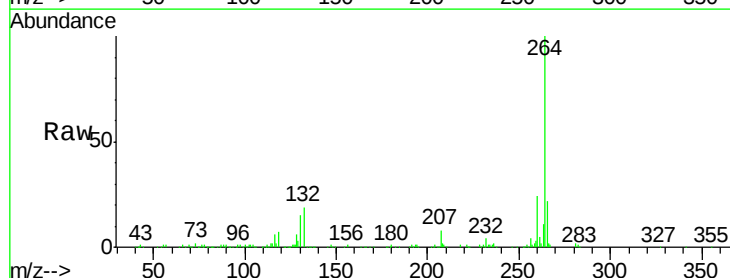
Tgt Ion:264 Resp: 318820

Ion Ratio Lower Upper

264 100

260 24.1 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

