

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003426.D
 Acq On : 09 Dec 2015 23:18
 Operator : UM/IZ
 Sample : G4696-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-02

Quant Time: Dec 10 00:28:08 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

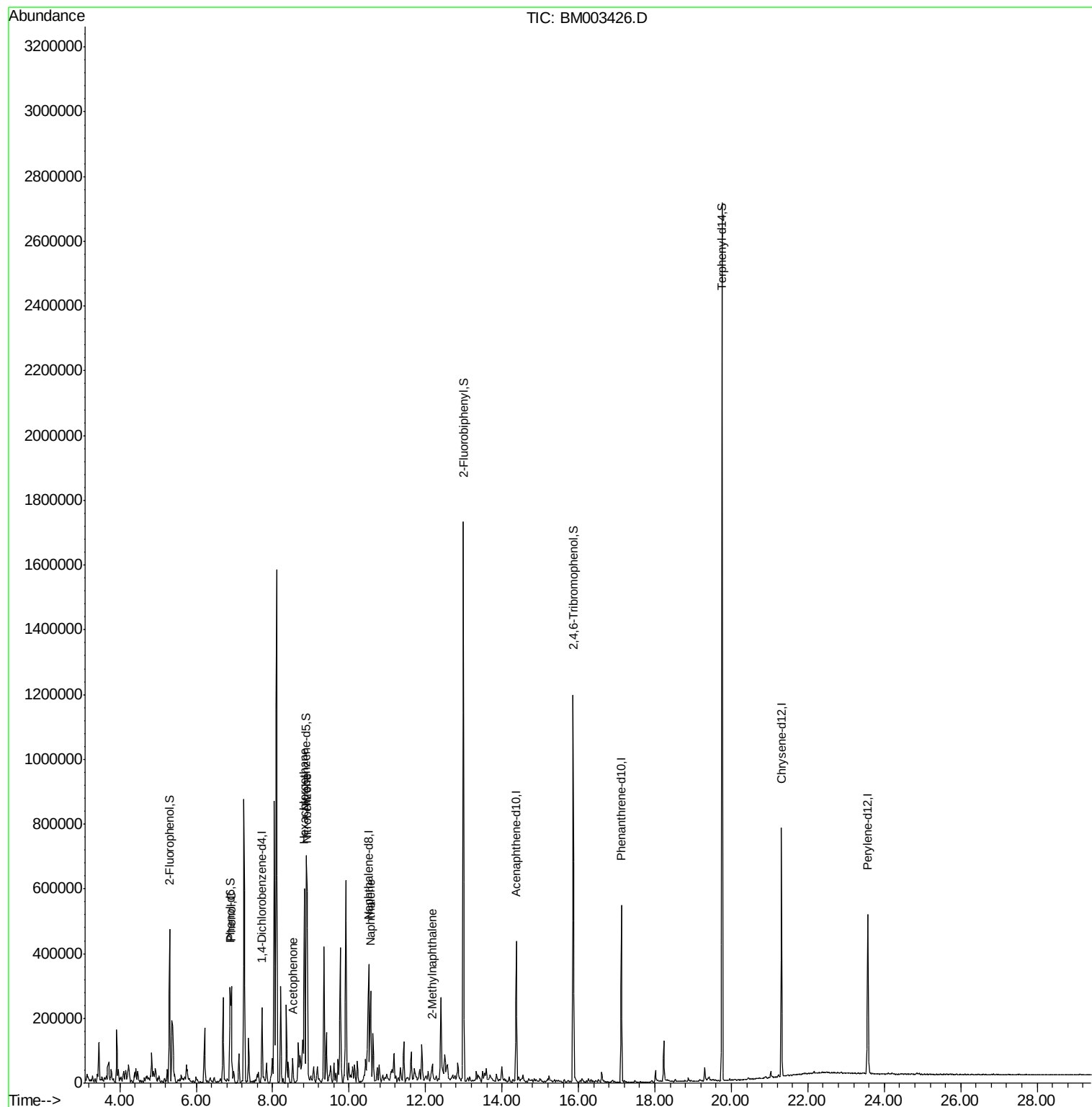
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	61469	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	253028	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	143264	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	311878	20.00	ng	0.00
75) Chrysene-d12	21.32	240	347779	20.00	ng	0.00
86) Perylene-d12	23.57	264	339854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	214687	62.09	ng	0.00
7) Phenol-d6	6.89	99	167480	34.88	ng	0.00
23) Nitrobenzene-d5	8.88	82	388927	95.30	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	205075	143.33	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	921262	87.61	ng	0.00
78) Terphenyl-d14	19.76	244	1140522	77.34	ng	0.00
Target Compounds						
10) Phenol	6.92	94	165492	32.49	ng	# 71
18) Hexachloroethane	8.83	117	85461	50.16	ng	# 1
22) Acetophenone	8.52	105	55154	8.89	ng	# 56
24) Nitrobenzene	8.90	77	17665	4.00	ng	# 1
31) Naphthalene	10.56	128	113717	8.59	ng	# 94
32) Benzoic acid	9.76	122	222	Below Cal		# 1
37) 2-Methylnaphthalene	12.18	142	20712	2.28	ng	96

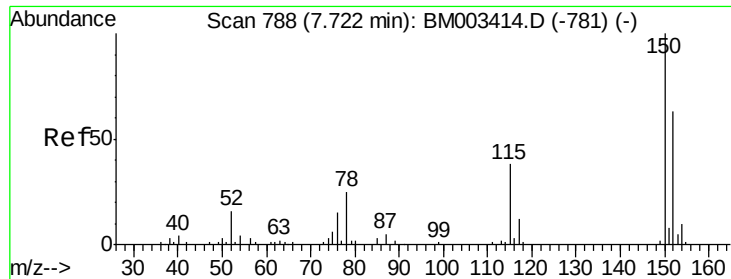
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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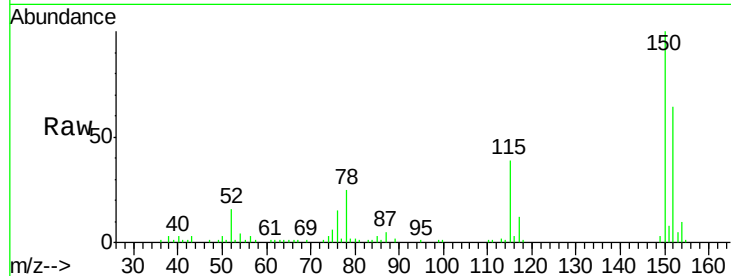


#1

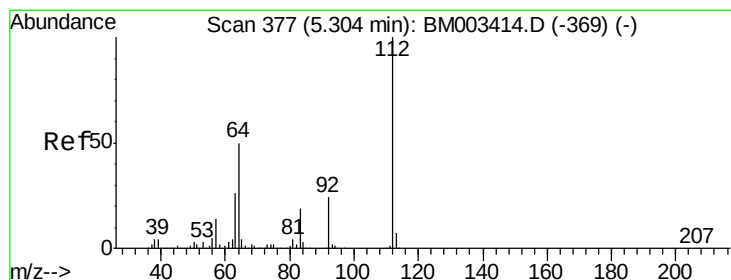
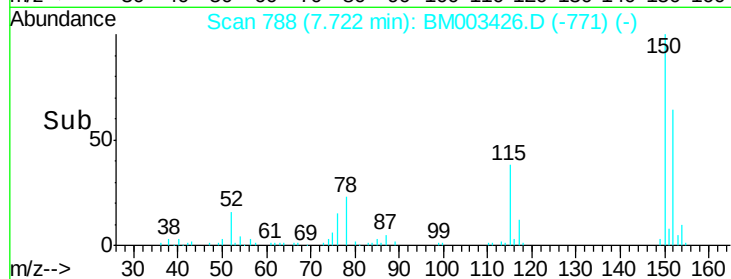
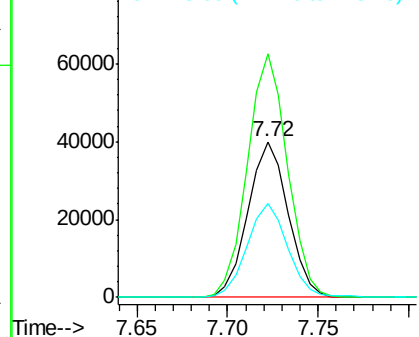
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Instrument :
BNA_M
ClientSampleId :
GMW-02

Tgt Ion:152 Resp: 61469
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 60.6 43.0 64.4



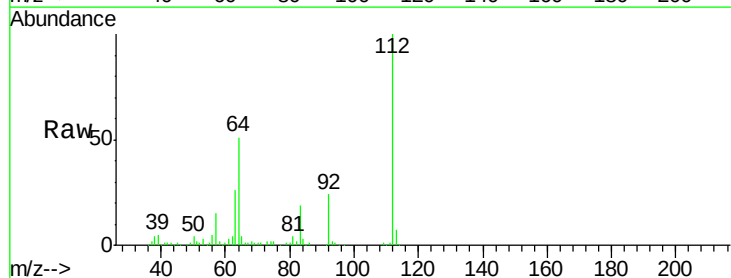
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



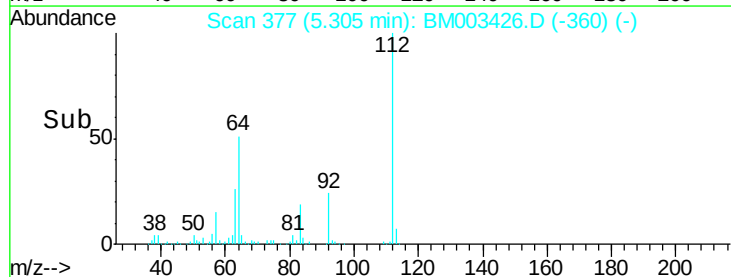
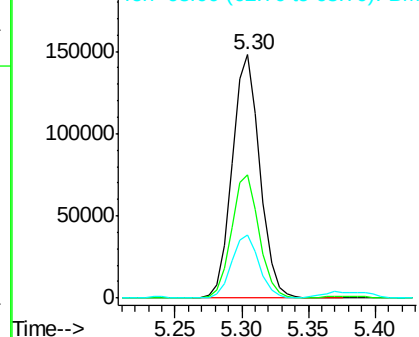
#5

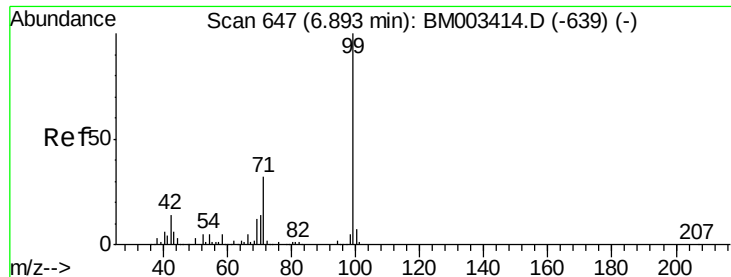
2-Fluorophenol
Concen: 62.09 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:112 Resp: 214687
Ion Ratio Lower Upper
112 100
64 50.7 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: 34.88 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

Instrument :

BNA_M

ClientSampleId :

GMW-02

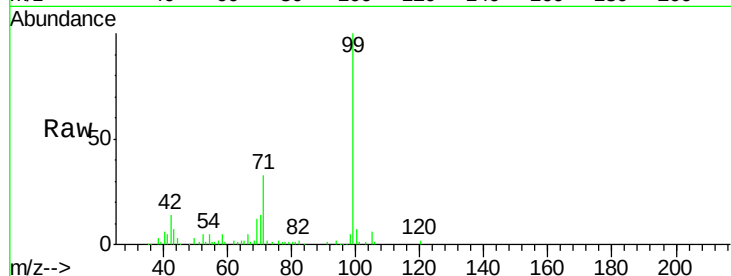
Tgt Ion: 99 Resp: 167480

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.4

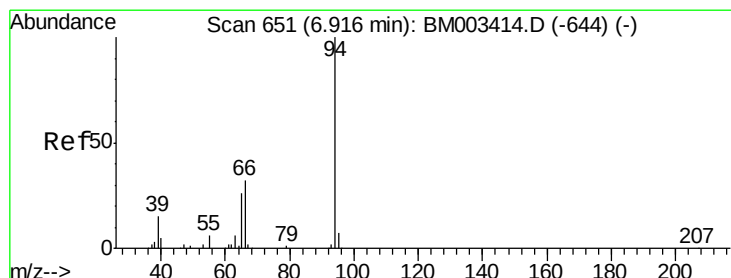
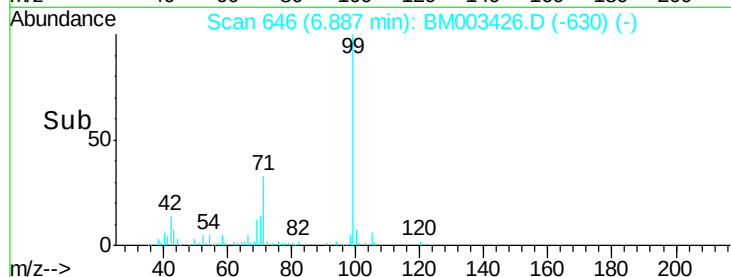
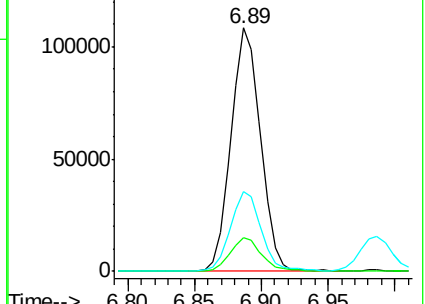
71 32.8 23.4 35.2



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) (-)



#10

Phenol

Concen: 32.49 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

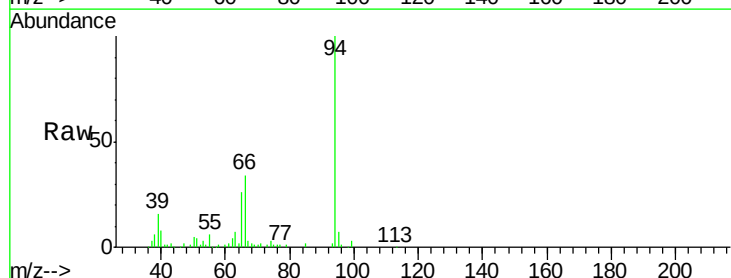
Tgt Ion: 94 Resp: 165492

Ion Ratio Lower Upper

94 100

65 25.6 18.8 58.8

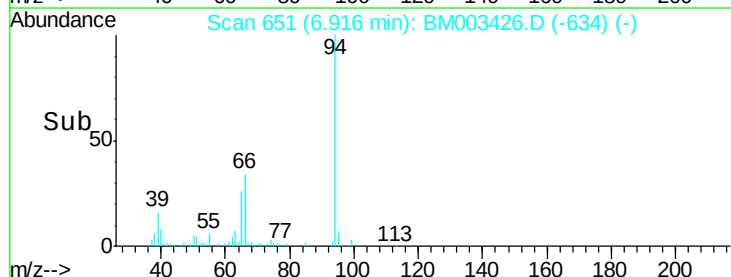
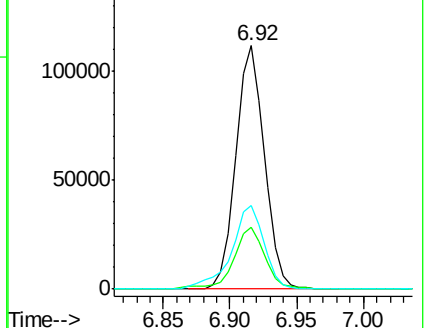
66 34.4 39.9 79.9#

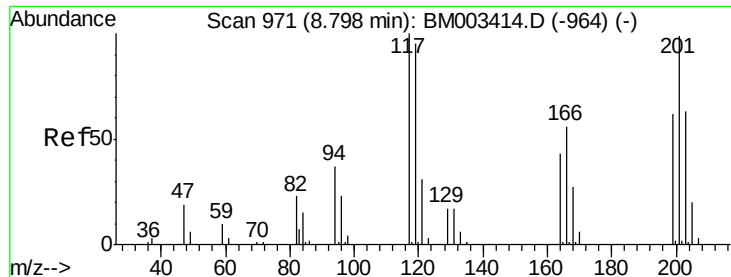


Abundance Ion 94.00 (93.70 to 94.70): BM003414.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM003414.D (-644) (-)

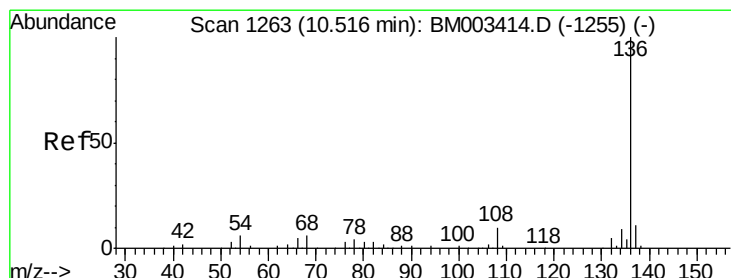
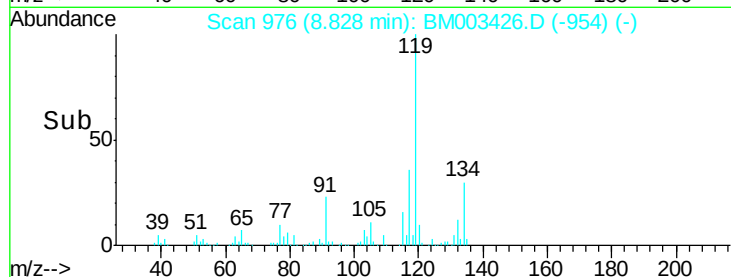
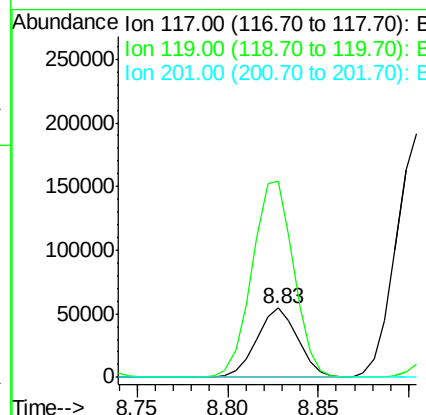
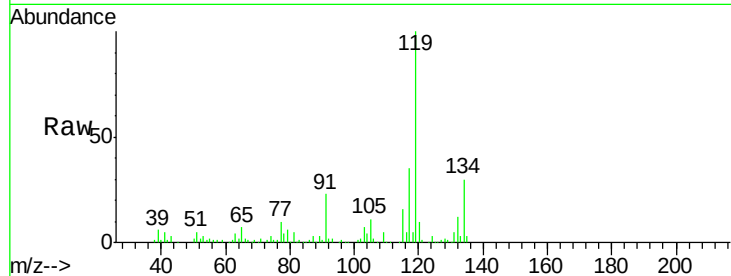




#18
Hexachloroethane
Concen: 50.16 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.03 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

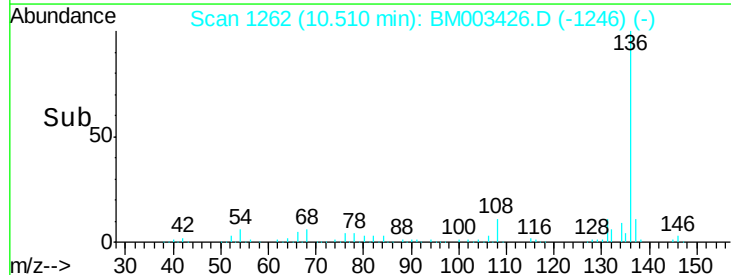
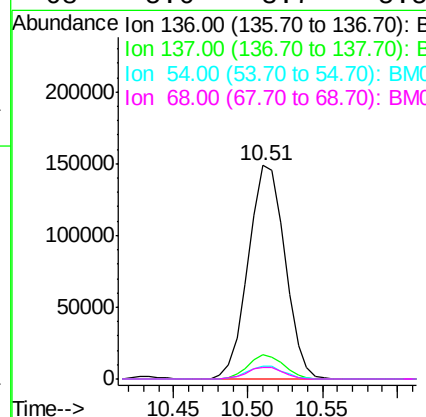
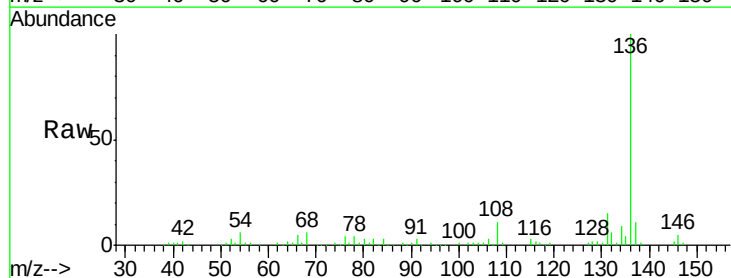
Instrument :
BNA_M
ClientSampleId :
GMW-02

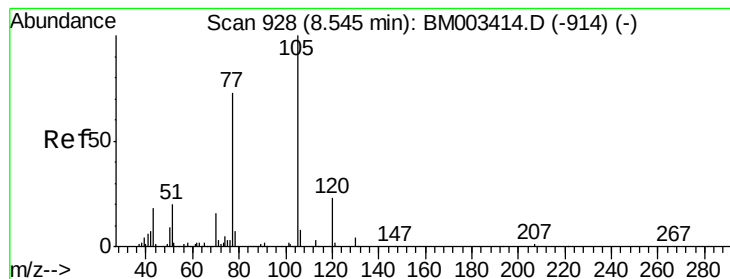
Tgt Ion:117 Resp: 85461
Ion Ratio Lower Upper
117 100
119 284.7 79.2 118.8#
201 0.0 69.8 104.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:136 Resp: 253028
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.1 4.6 6.8
68 5.6 3.7 5.5#





#22

Acetophenone

Concen: 8.89 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

Instrument :

BNA_M

ClientSampled :

GMW-02

Tgt Ion: 105 Resp: 55154

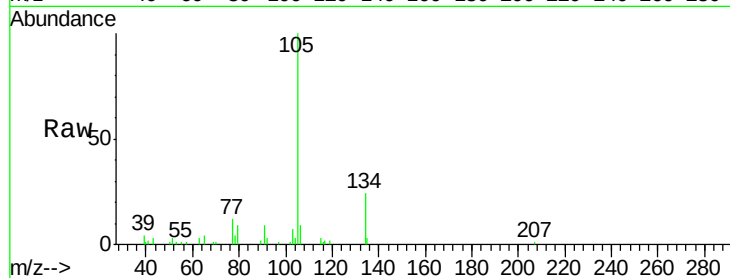
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 3.2 21.6 32.4#

120 0.0 16.1 24.1#

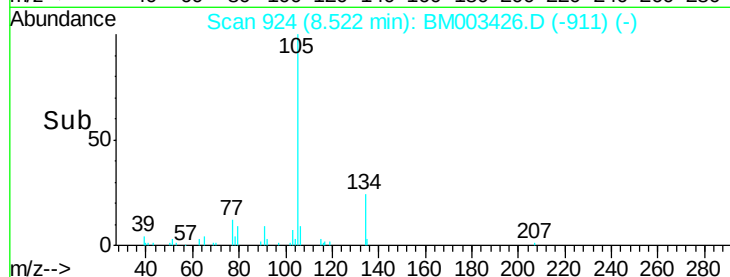


Abundance Ion 105.00 (104.70 to 105.70): E

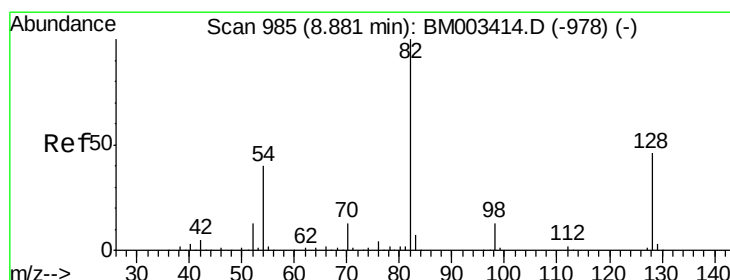
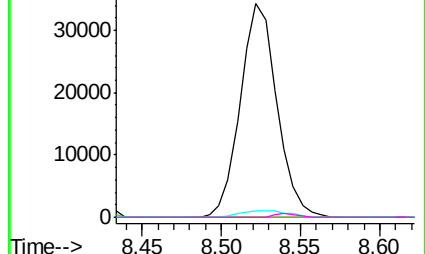
Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 95.30 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

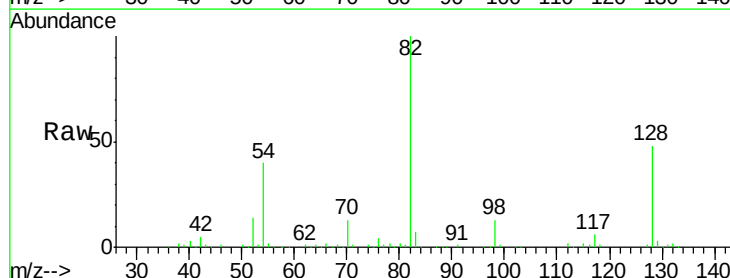
Tgt Ion: 82 Resp: 388927

Ion Ratio Lower Upper

82 100

128 47.6 32.8 49.2

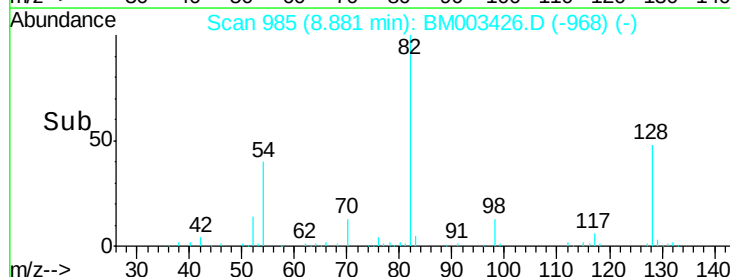
54 40.1 40.6 60.8#



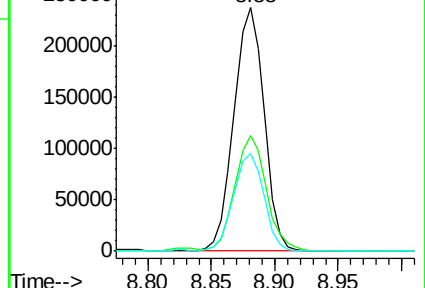
Abundance Ion 82.00 (81.70 to 82.70): BM0

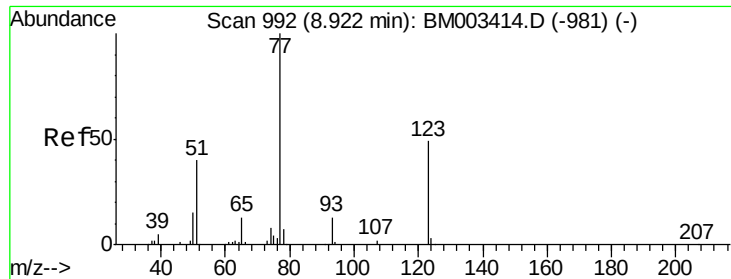
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0



Time-->

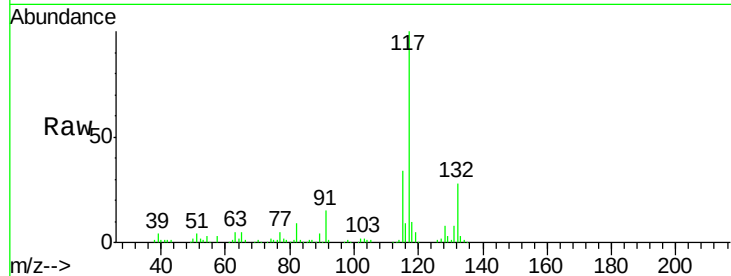




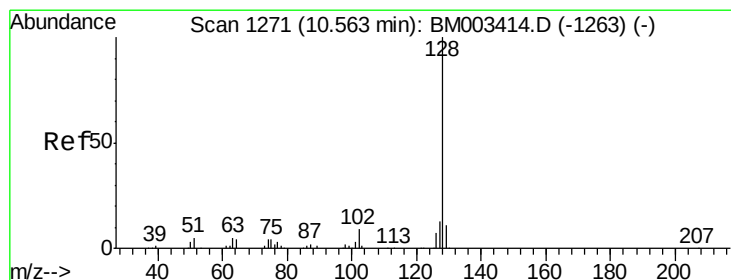
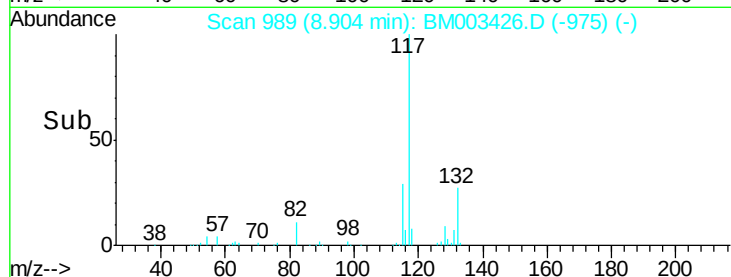
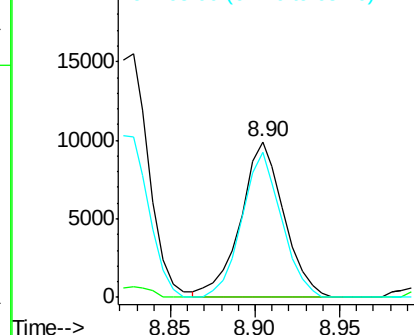
#24
 Nitrobenzene
 Concen: 4.00 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

Instrument :
 BNA_M
 ClientSampleId :
 GMW-02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	93.3	10.9	16.3#

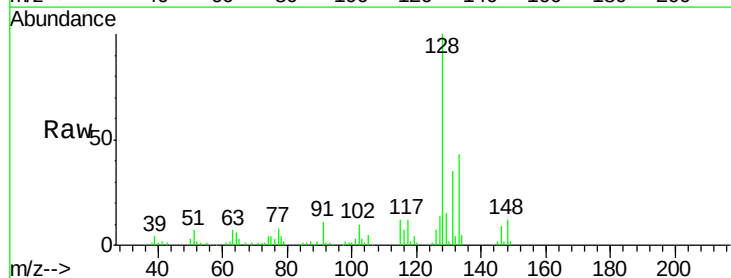


Abundance Ion 77.00 (76.70 to 77.70): BM003414.D (-981) (-)
 Ion 123.00 (122.70 to 123.70): BM003414.D (-981) (-)
 Ion 65.00 (64.70 to 65.70): BM003414.D (-981) (-)

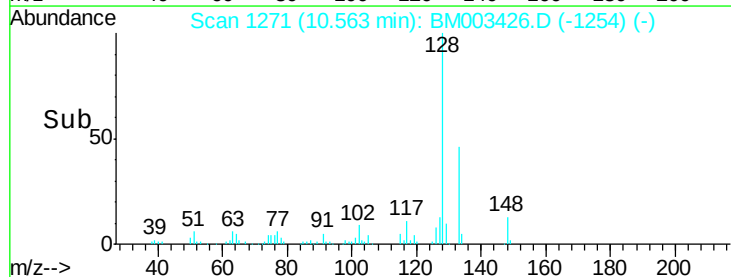
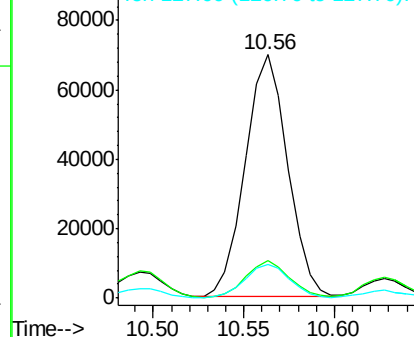


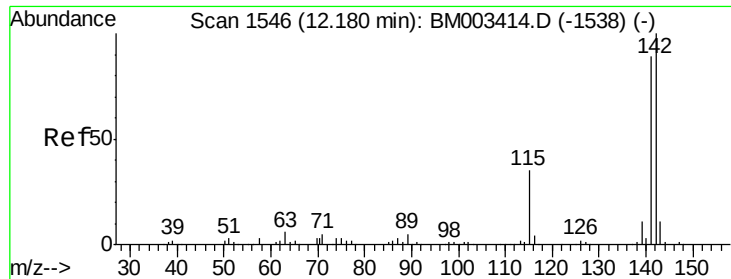
#31
 Naphthalene
 Concen: 8.59 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.2	8.9	13.3#
127	14.1	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-1263) (-)
 Ion 129.00 (128.70 to 129.70): BM003414.D (-1263) (-)
 Ion 127.00 (126.70 to 127.70): BM003414.D (-1263) (-)

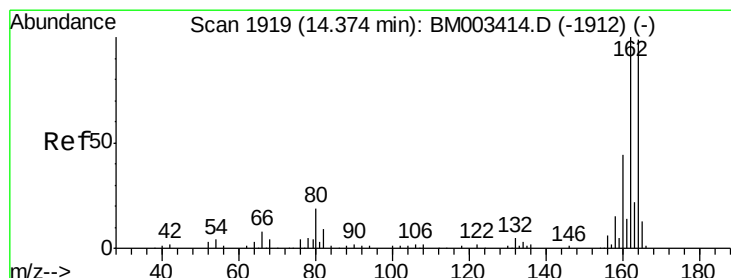
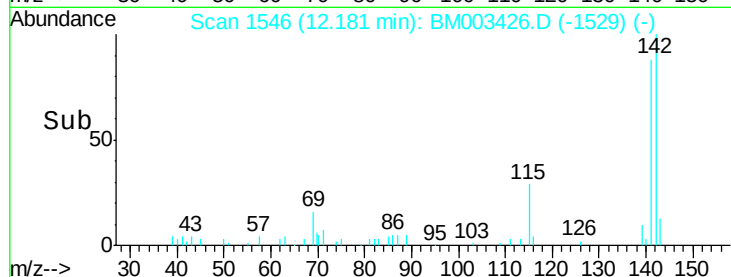
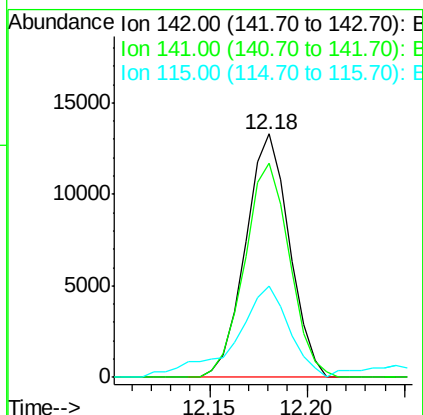
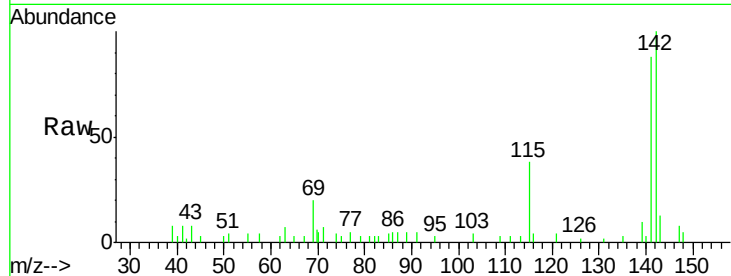




#37
 2-Methylnaphthalene
 Concen: 2.28 ng
 RT: 12.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

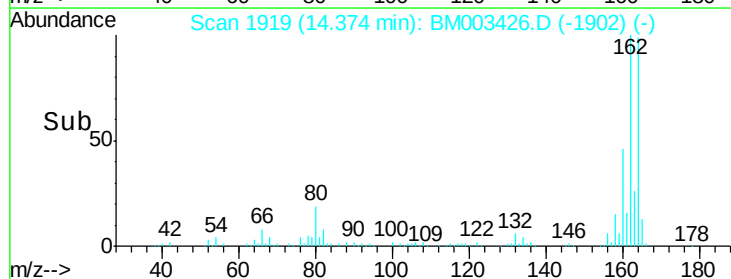
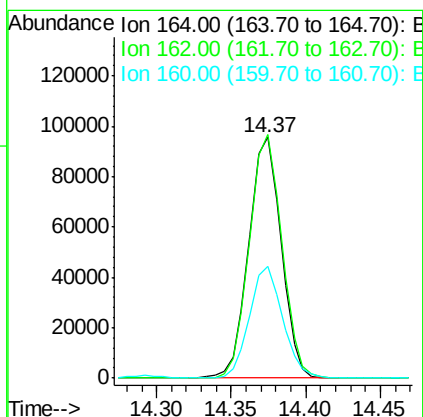
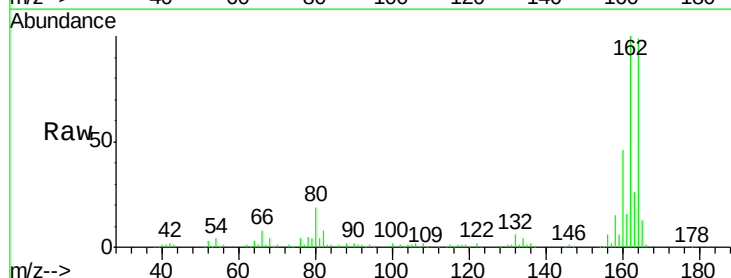
Instrument :
 BNA_M
 ClientSampleId :
 GMW-02

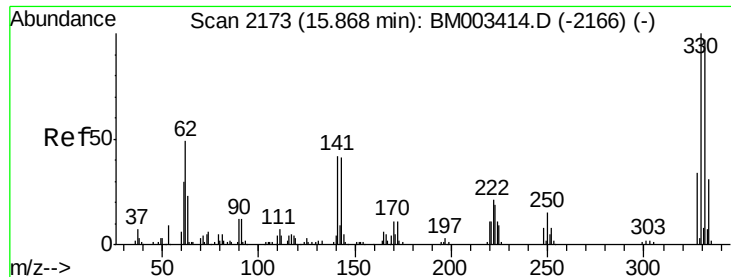
Tgt Ion:142 Resp: 20712
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.9 107.9
 115 37.7 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

Tgt Ion:164 Resp: 143264
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.4 123.6
 160 46.7 35.8 53.6

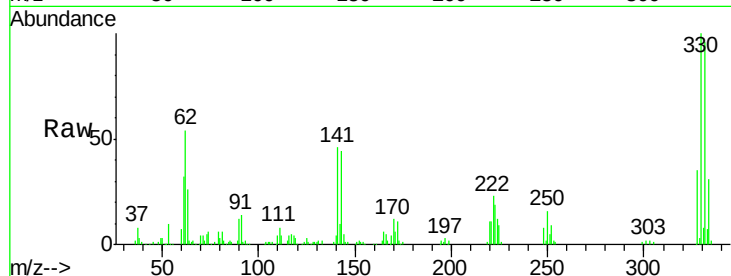




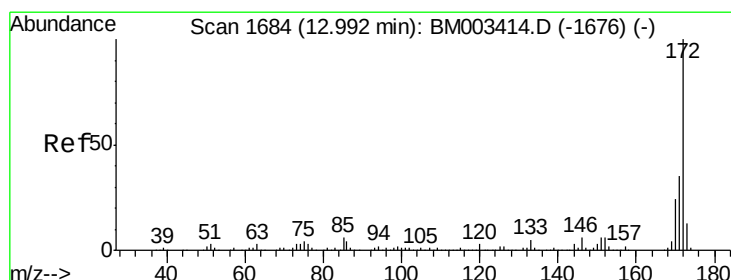
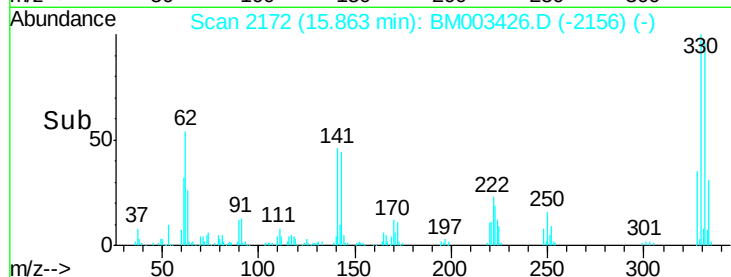
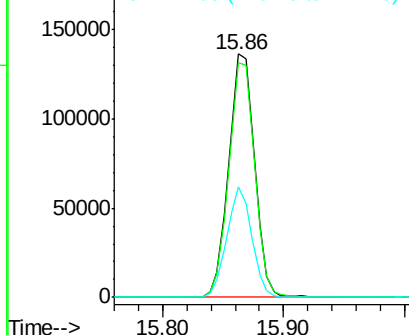
#41
 2,4,6-Tribromophenol
 Concen: 143.33 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

Instrument :
 BNA_M
 ClientSampleId :
 GMW-02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	43.5	0.0	0.0#

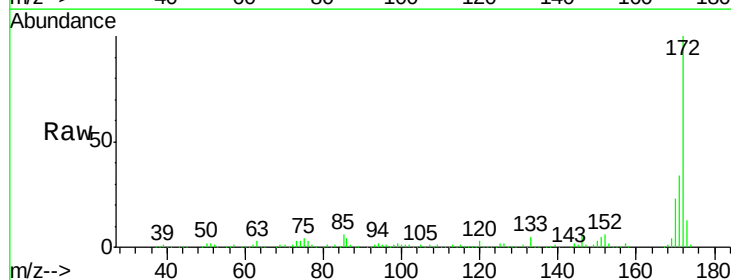


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

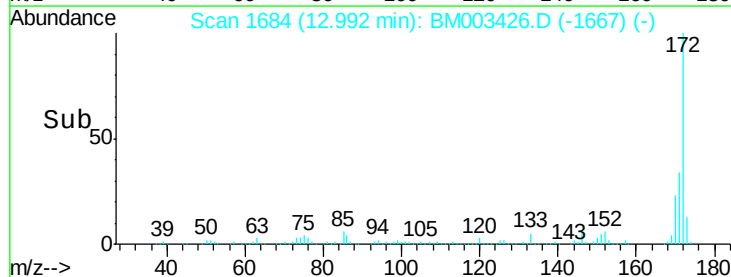
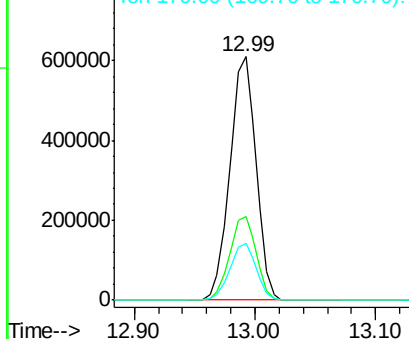


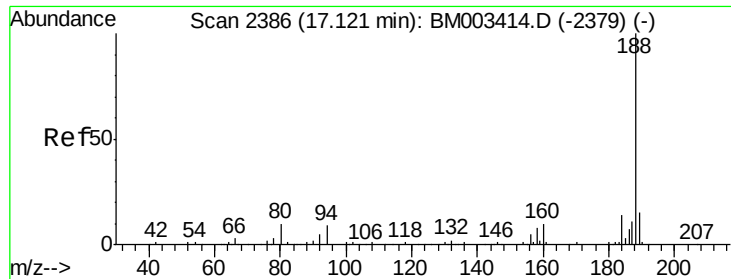
#44
 2-Fluorobiphenyl
 Concen: 87.61 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.2	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

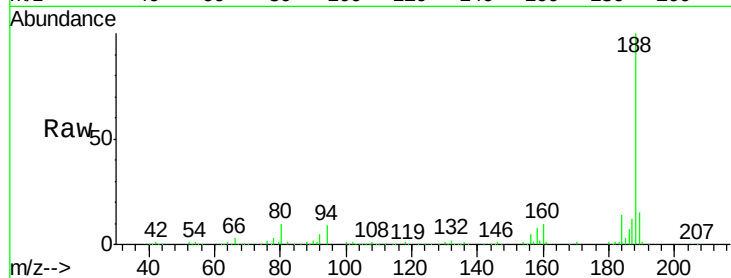




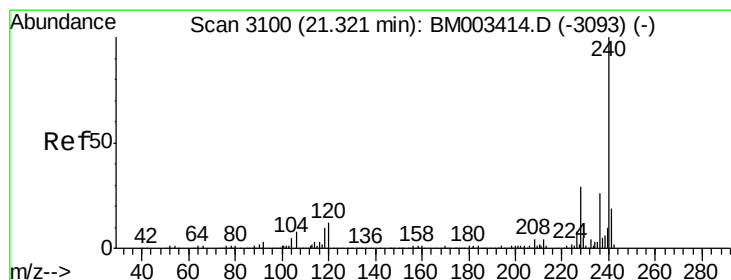
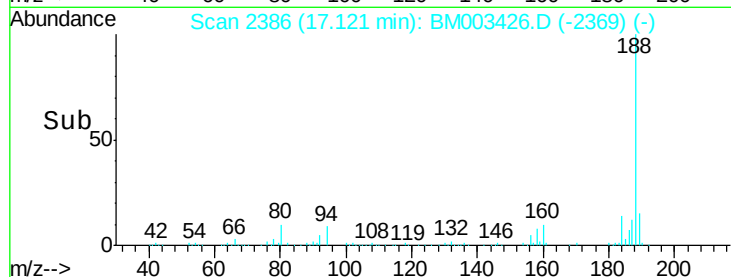
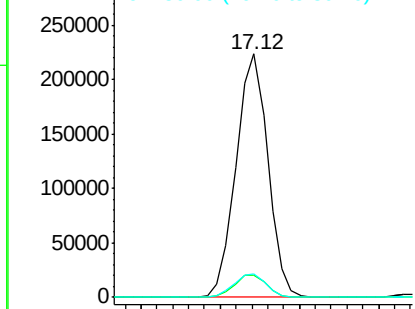
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Instrument :
BNA_M
ClientSampleId :
GMW-02

Tgt Ion:188 Resp: 311878
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.5 9.3 13.9

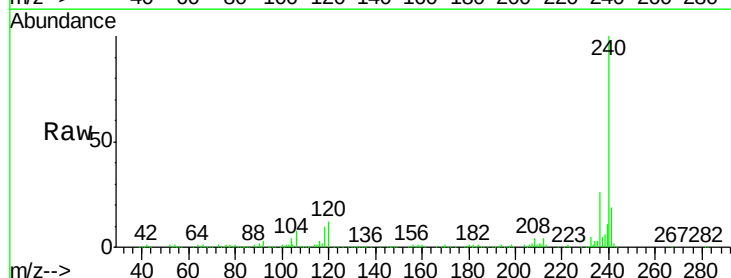


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

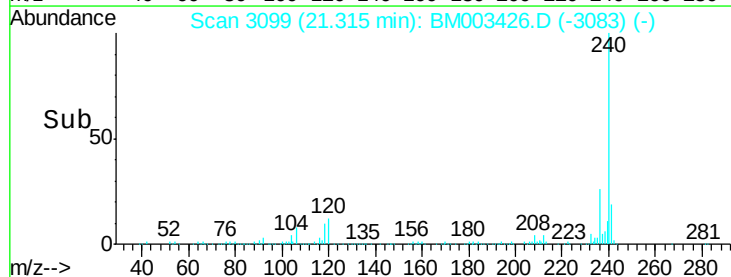
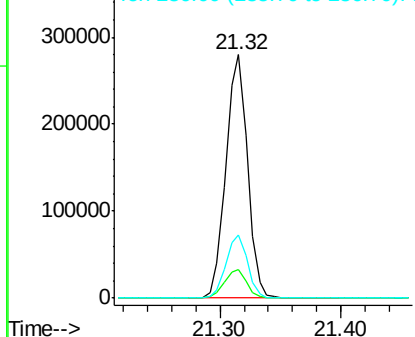


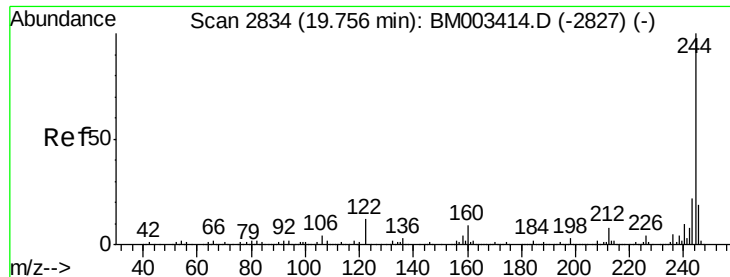
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:240 Resp: 347779
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 26.1 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: 77.34 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

Instrument :

BNA_M

ClientSampleId :

GMW-02

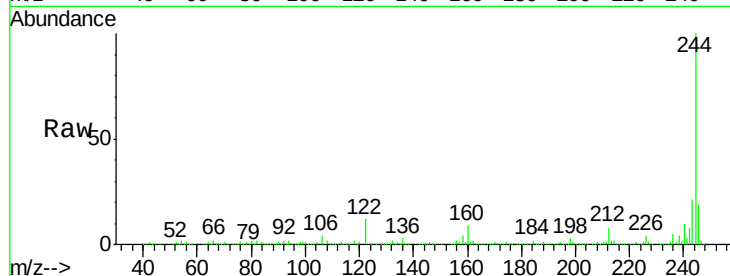
Tgt Ion:244 Resp: 1140522

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

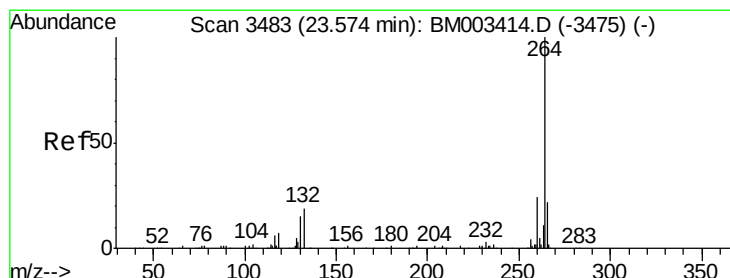
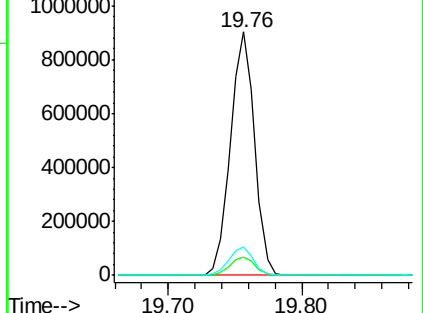
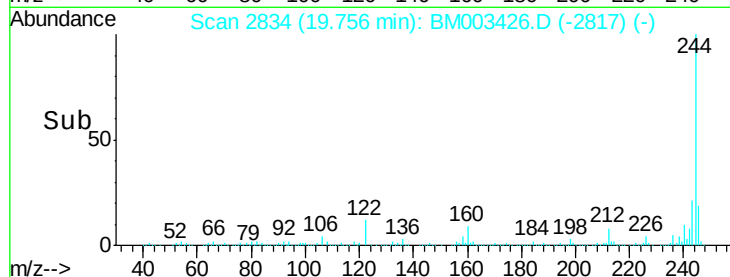
122 11.5 6.2 9.4#



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# 3482

Delta R.T. -0.01 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

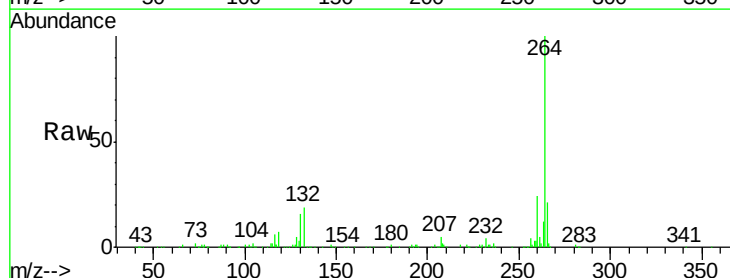
Tgt Ion:264 Resp: 339854

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.3 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

