

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009507.D
 Acq On : 03 Apr 2017 19:17
 Operator : SJ/MA
 Sample : I2494-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW3

Quant Time: Apr 04 01:22:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	116504	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	444157	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	259965	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	641695	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	860715	20.00	ng	-0.01
86) Perylene-d12	23.73	264	820575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	521856	74.66	ng	-0.01
7) Phenol-d6	7.00	99	450436	47.26	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1124352	94.91	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	522178	161.69	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1977373	91.65	ng	-0.02
78) Terphenyl-d14	19.86	244	3513465	85.30	ng	-0.01

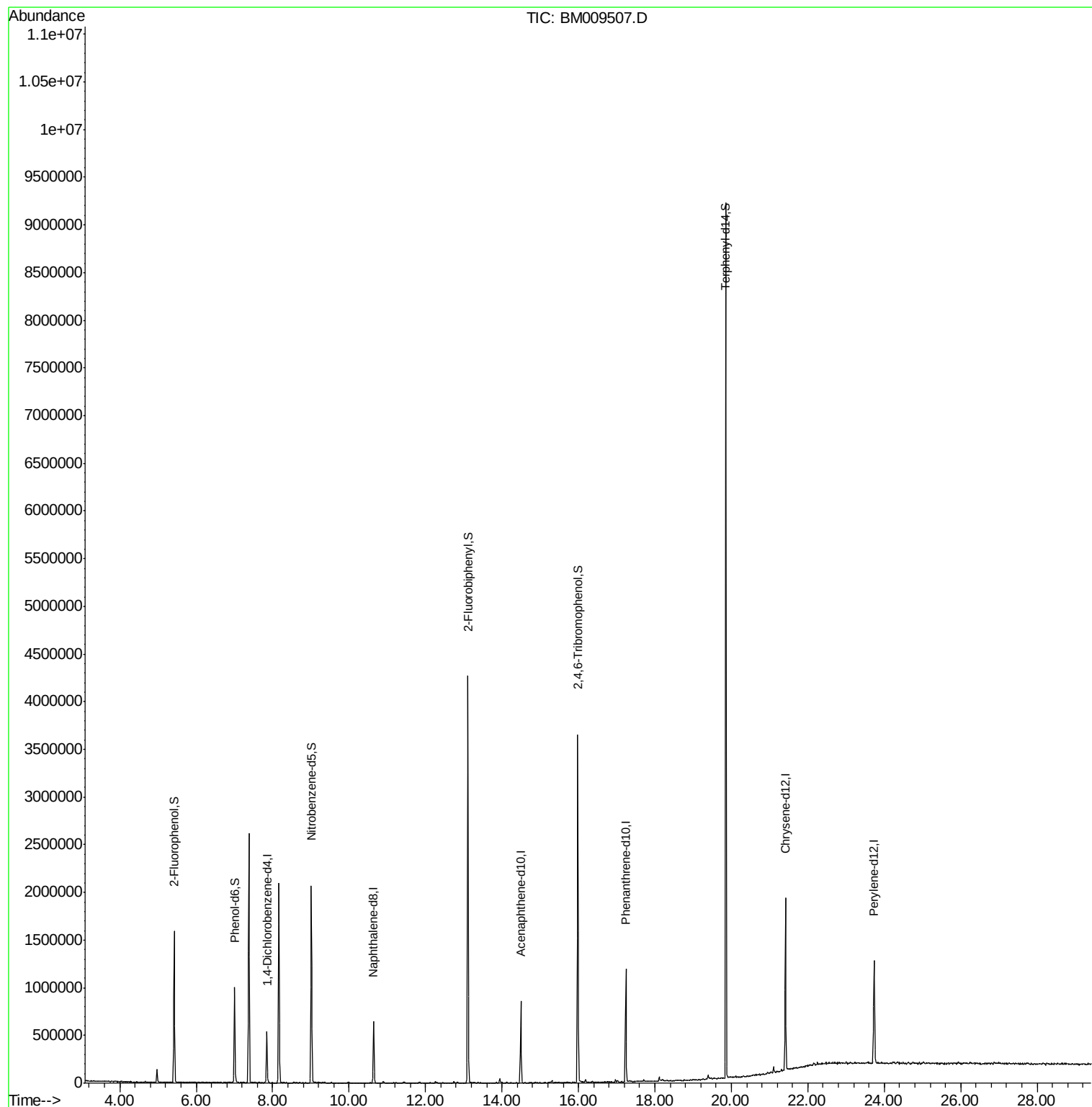
Target Compounds Qvalue

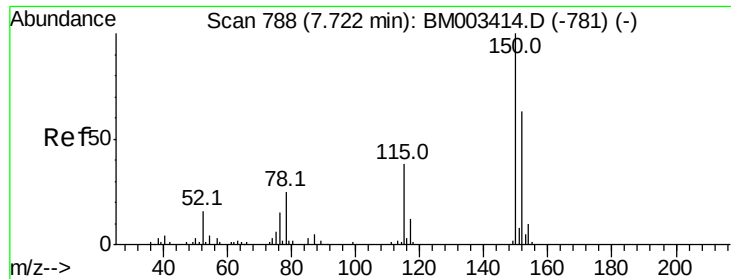
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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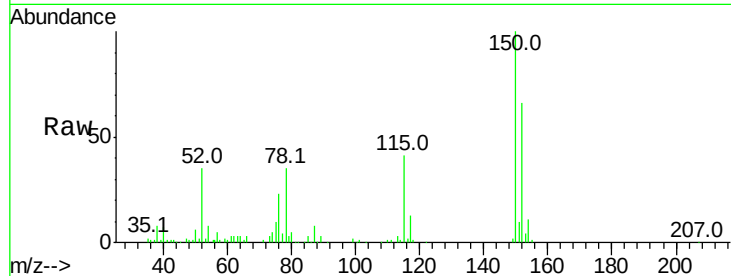


#1

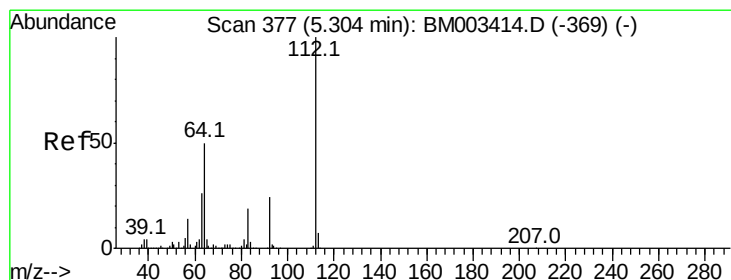
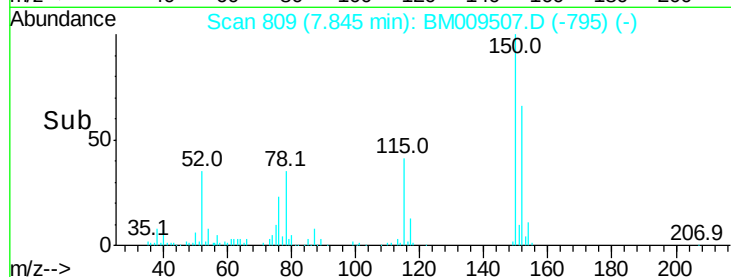
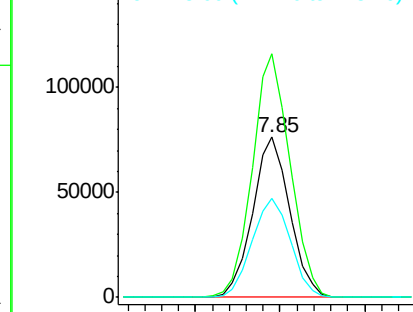
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009507.D
Acq: 03 Apr 2017 19:17

Instrument :
BNA_M
ClientSampleId :
MW3

Tot Ion:152 Resp: 116504
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 61.7 43.0 64.4



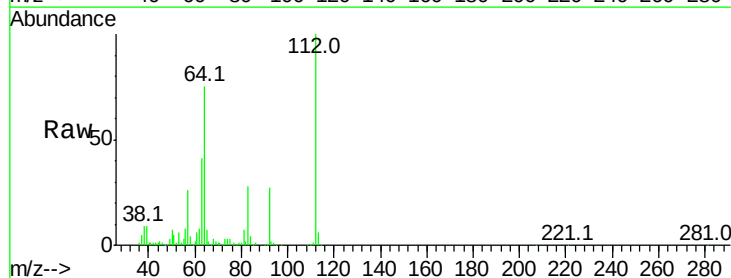
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



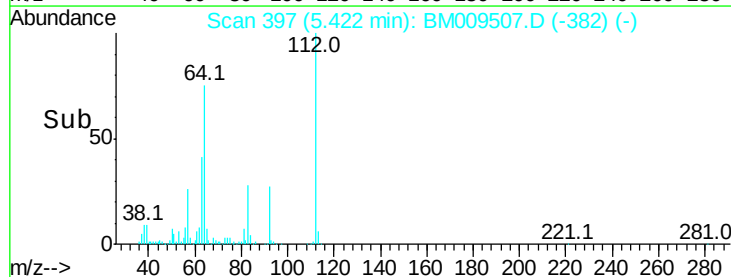
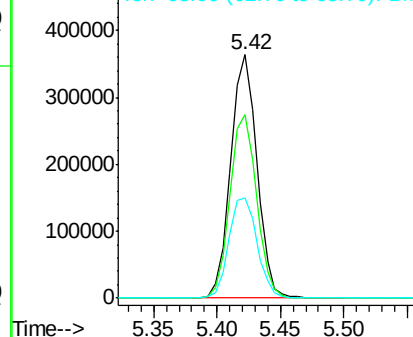
#5

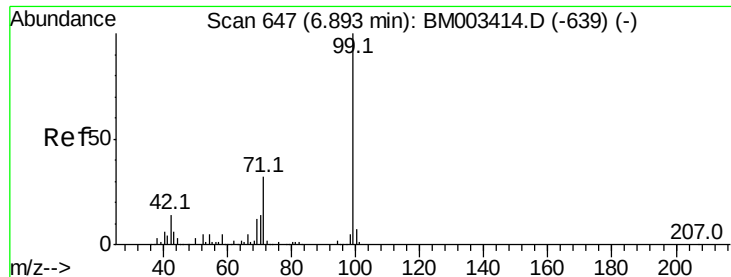
2-Fluorophenol
Concen: 74.66 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009507.D
Acq: 03 Apr 2017 19:17

Tgt Ion:112 Resp: 521856
Ion Ratio Lower Upper
112 100
64 75.3 38.6 57.8#
63 41.3 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: 47.26 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009507.D

Acq: 03 Apr 2017 19:17

Instrument :

BNA_M

ClientSampleId :

MW3

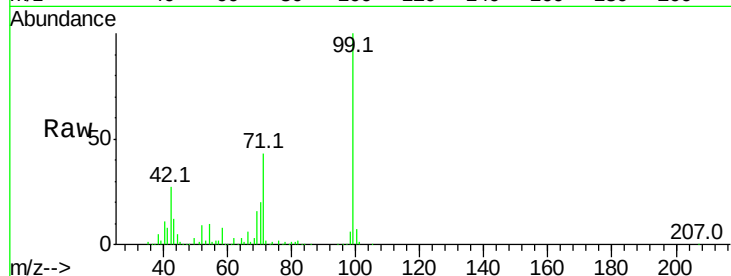
Tot Ion: 99 Resp: 450436

Ion Ratio Lower Upper

99 100

42 27.4 11.0 16.4#

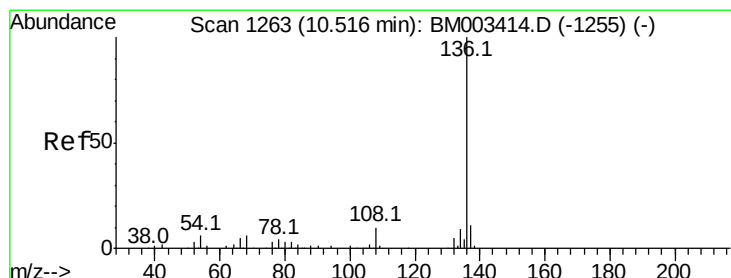
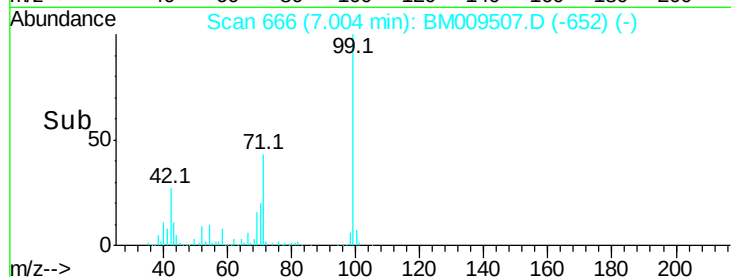
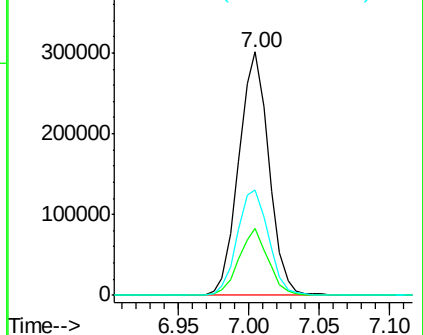
71 43.4 23.4 35.2#



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: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009507.D

Acq: 03 Apr 2017 19:17

Tgt Ion: 136 Resp: 444157

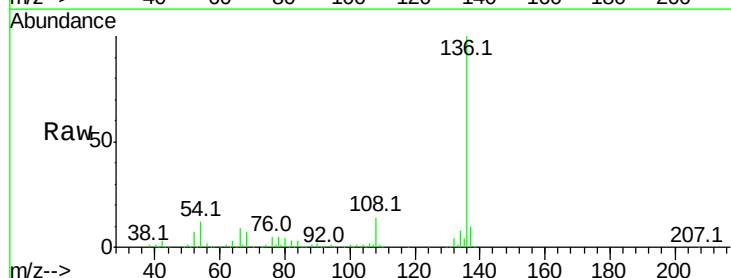
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 11.6 4.6 6.8#

68 6.7 3.7 5.5#

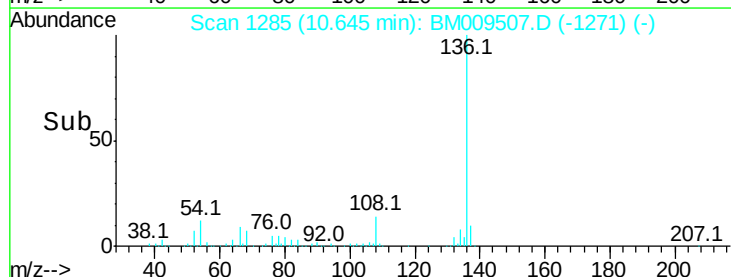
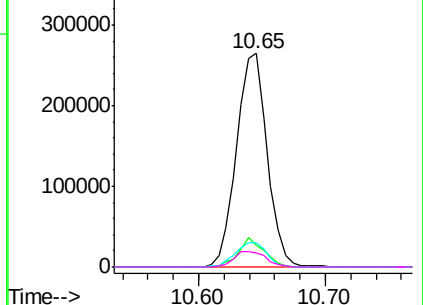


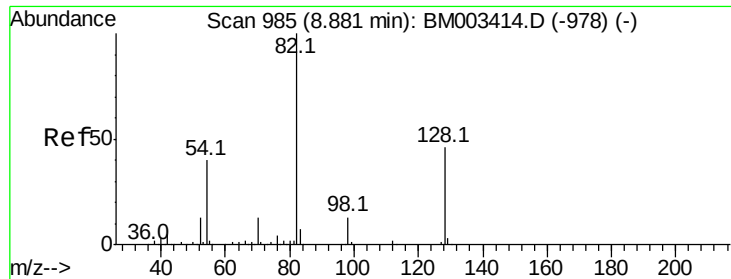
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

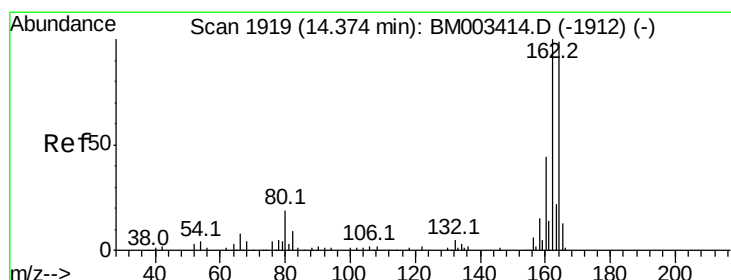
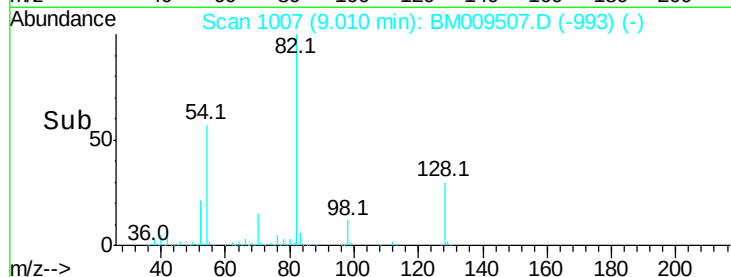
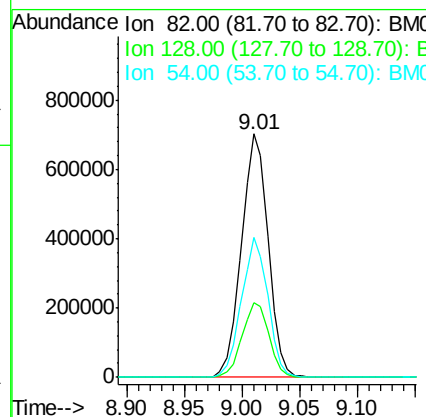
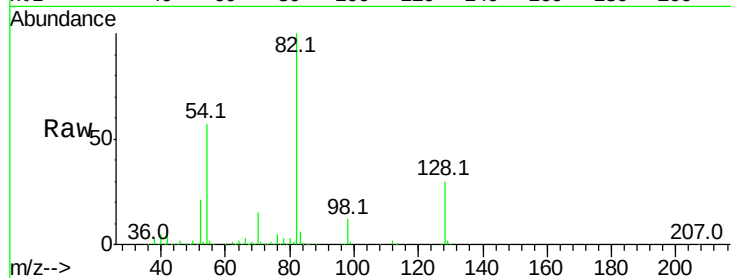




#23
 Nitrobenzene-d5
 Concen: 94.91 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009507.D
 Acq: 03 Apr 2017 19:17

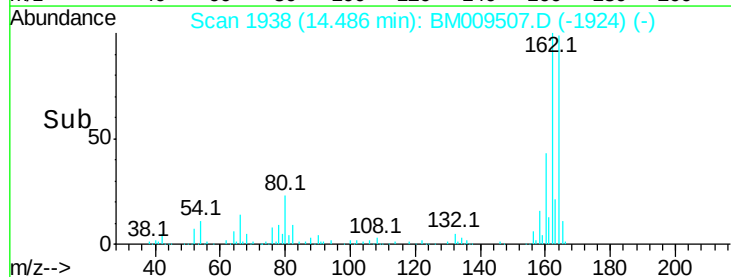
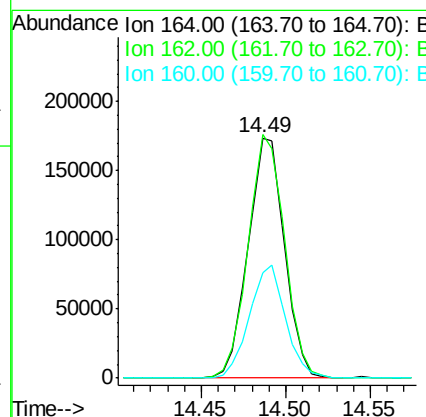
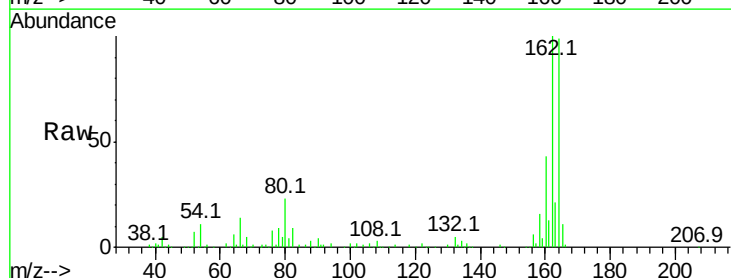
Instrument :
 BNA_M
 ClientSampleId :
 MW3

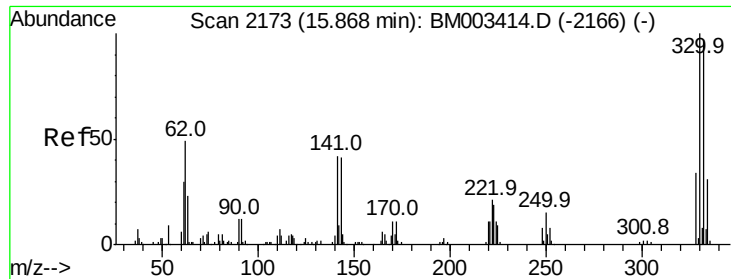
Tot Ion: 82 Resp: 1124352
 Ion Ratio Lower Upper
 82 100
 128 30.4 32.8 49.2#
 54 57.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009507.D
 Acq: 03 Apr 2017 19:17

Tgt Ion:164 Resp: 259965
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.4 123.6
 160 44.1 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 161.69 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009507.D

Acq: 03 Apr 2017 19:17

Instrument :

BNA_M

ClientSampled :

MW3

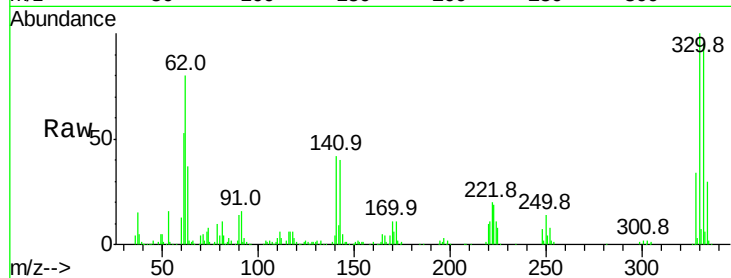
Tot Ion:330 Resp: 522178

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

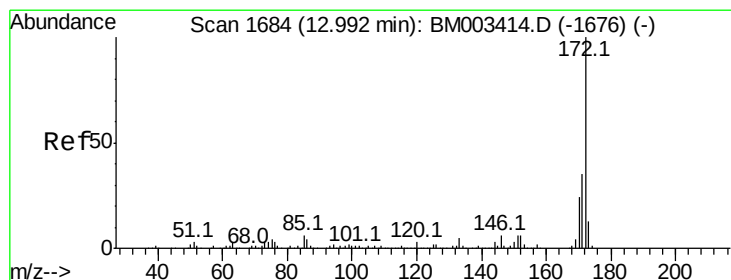
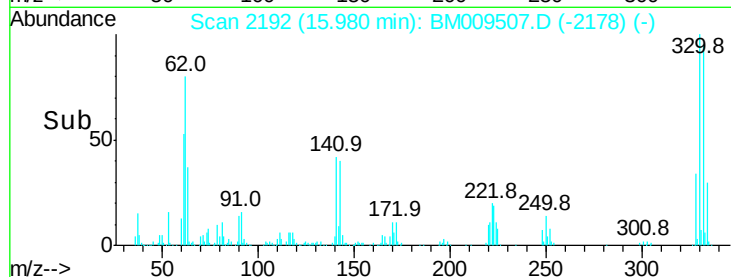
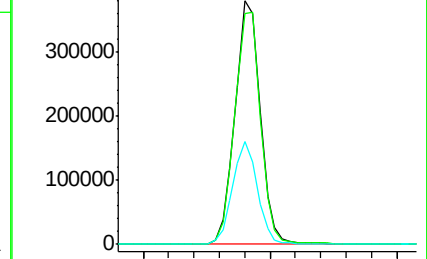
141 41.6 0.0 0.0#



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: 91.65 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM009507.D

Acq: 03 Apr 2017 19:17

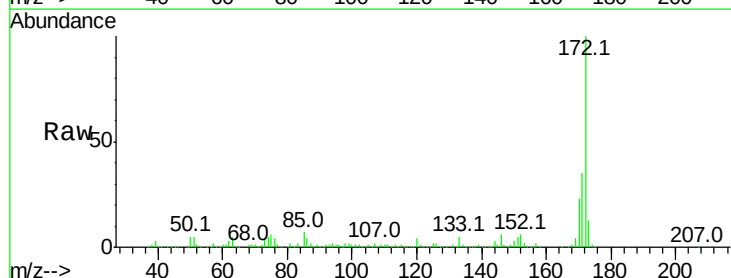
Tgt Ion:172 Resp: 1977373

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

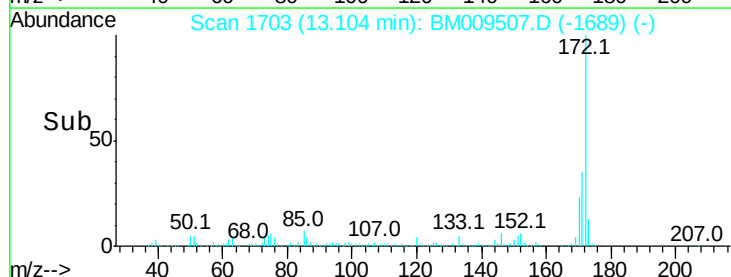
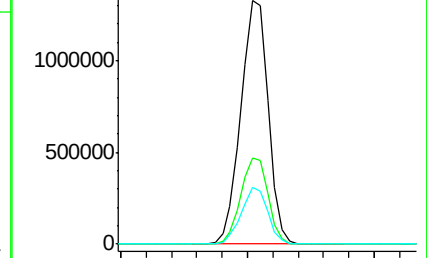
170 23.5 18.8 28.2

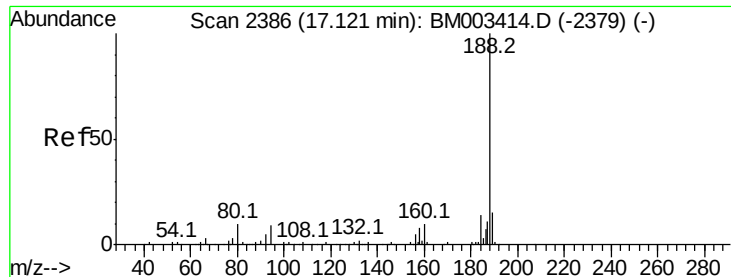


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

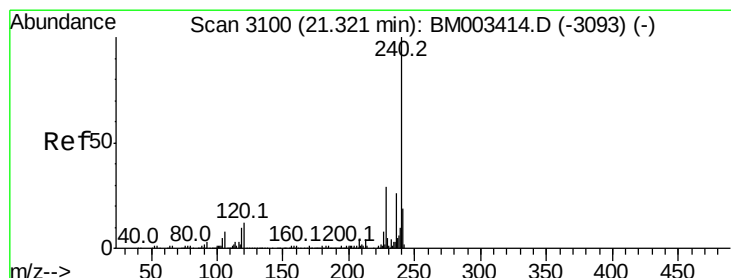
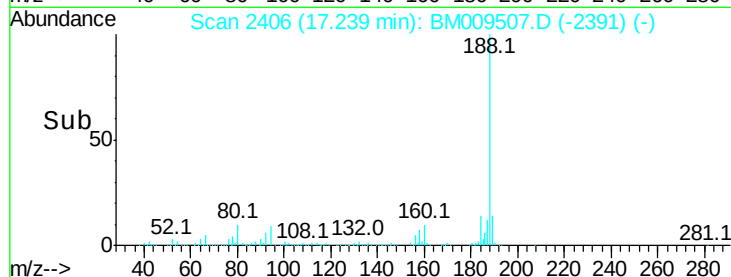
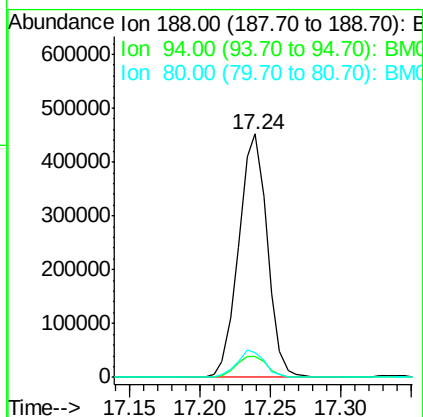
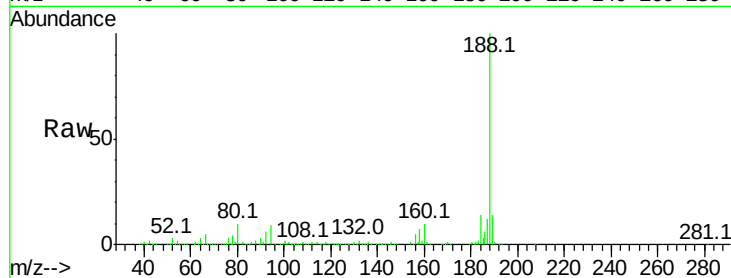




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009507.D
Acq: 03 Apr 2017 19:17

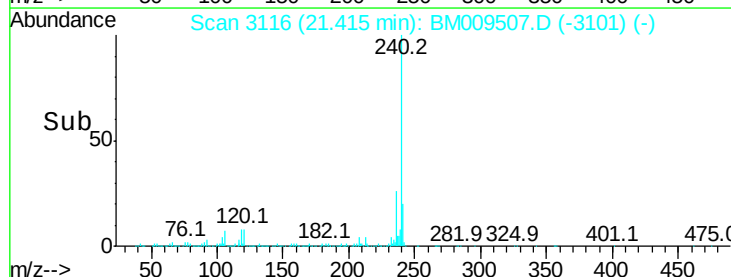
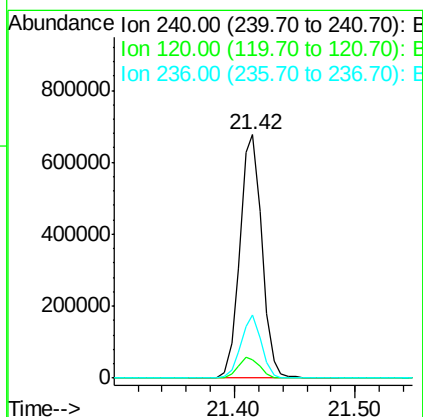
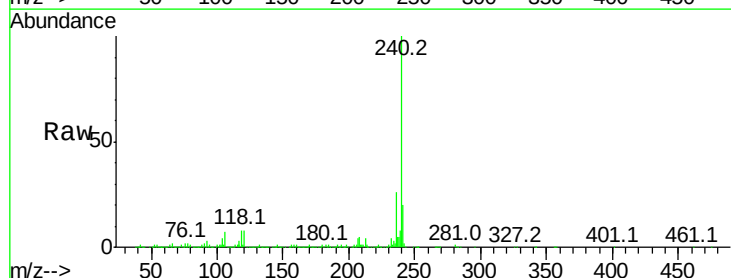
Instrument :
BNA_M
ClientSampleId :
MW3

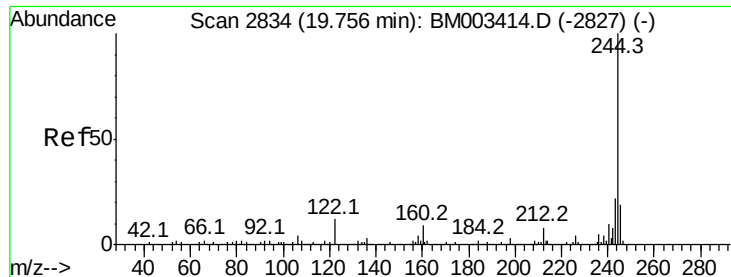
Tot Ion:188 Resp: 641695
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1
80 10.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009507.D
Acq: 03 Apr 2017 19:17

Tgt Ion:240 Resp: 860715
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 85.30 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009507.D

Acq: 03 Apr 2017 19:17

Instrument :

BNA_M

ClientSampleId :

MW3

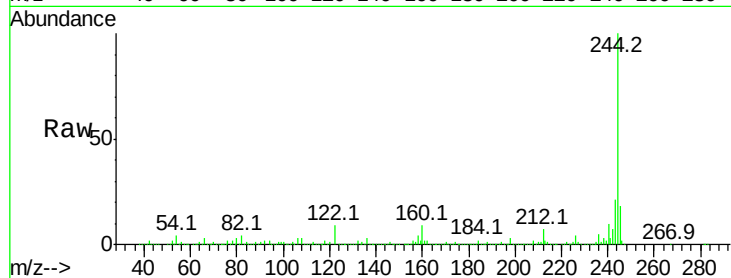
Tot Ion:244 Resp: 3513465

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

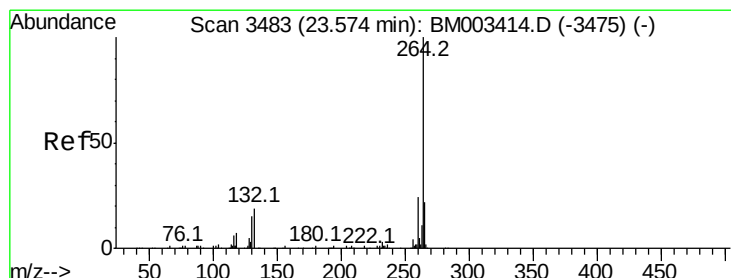
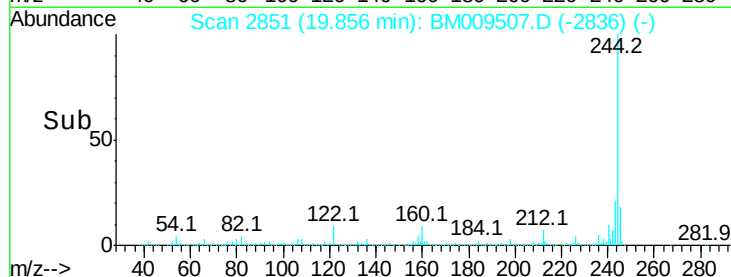
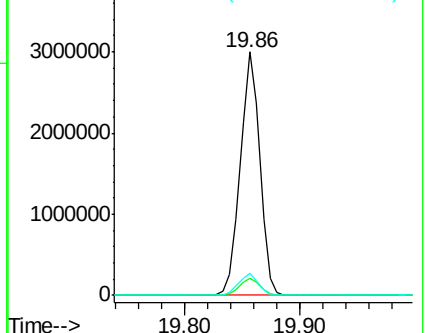
122 9.1 6.2 9.4



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: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009507.D

Acq: 03 Apr 2017 19:17

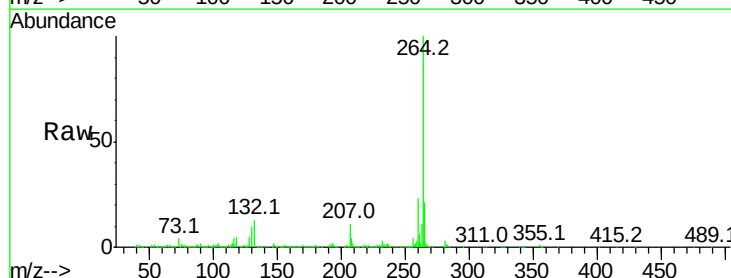
Tgt Ion:264 Resp: 820575

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 20.9 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

