

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009480.D
 Acq On : 31 Mar 2017 18:59
 Operator : SJ/MA
 Sample : I2462-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Mar 31 23:00:02 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	113927	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	437493	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	252275	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	613376	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	798936	20.00	ng	-0.01
86) Perylene-d12	23.74	264	764765	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	522313	76.42	ng	-0.01
7) Phenol-d6	7.00	99	443746	47.61	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1214042	104.05	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	557801	177.98	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2248845	107.41	ng	-0.01
78) Terphenyl-d14	19.86	244	3273472	85.62	ng	-0.01

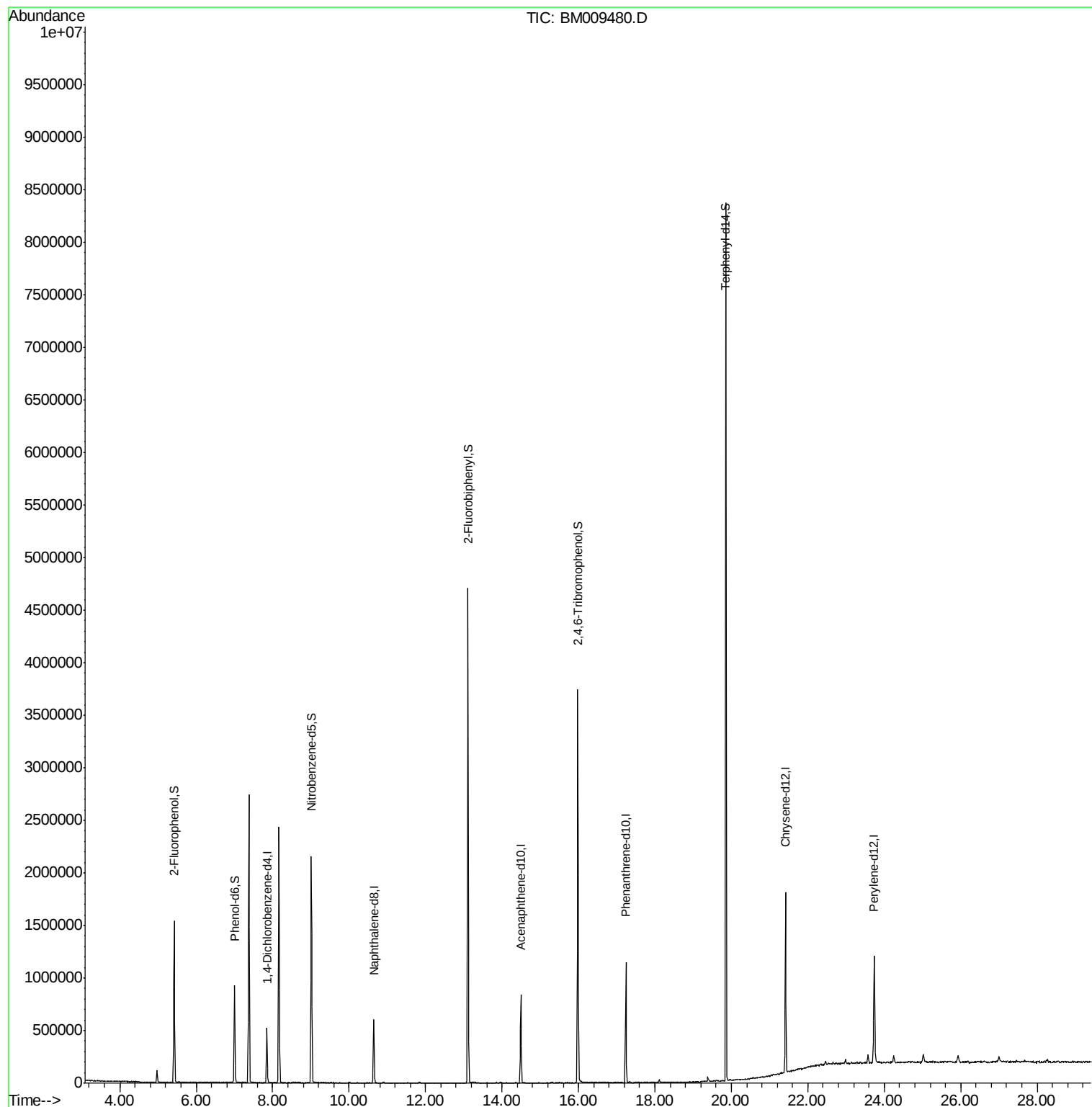
Target Compounds Qvalue

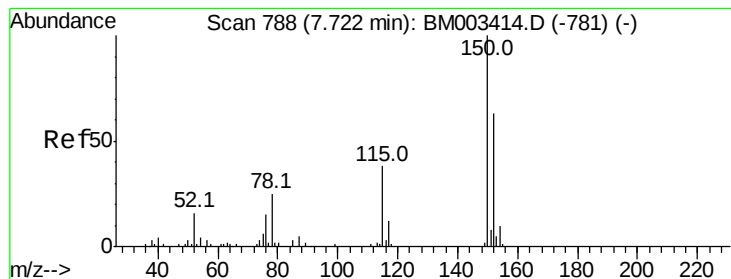
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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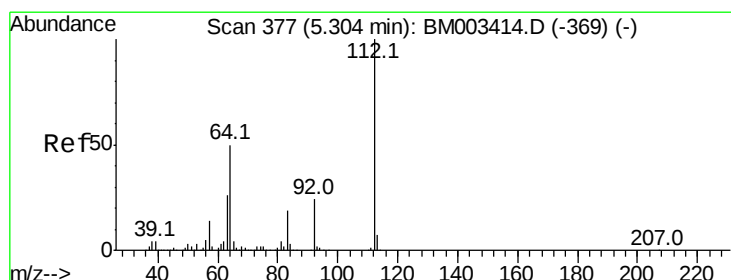
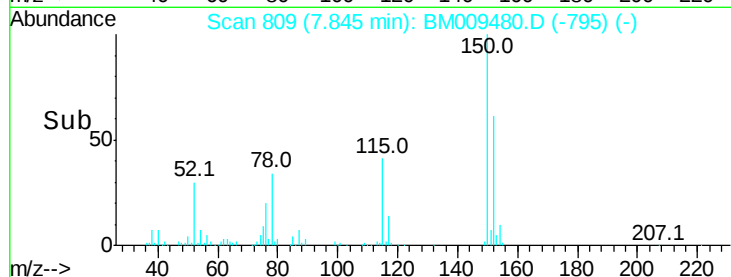
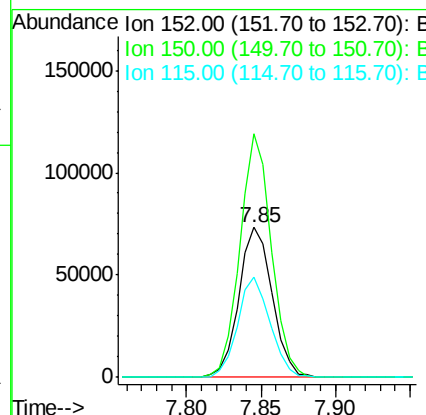
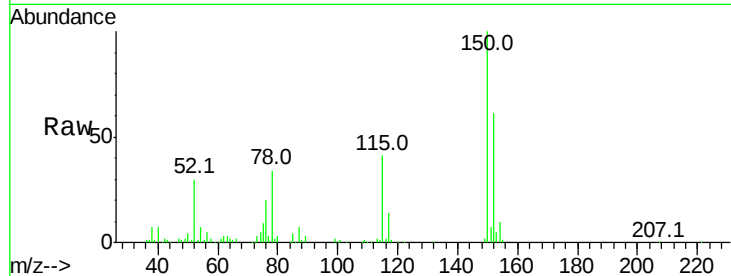


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009480.D
Acq: 31 Mar 2017 18:59

Instrument :
BNA_M
ClientSampled :
MW-1

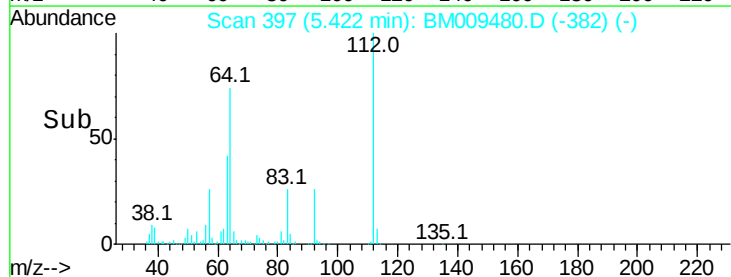
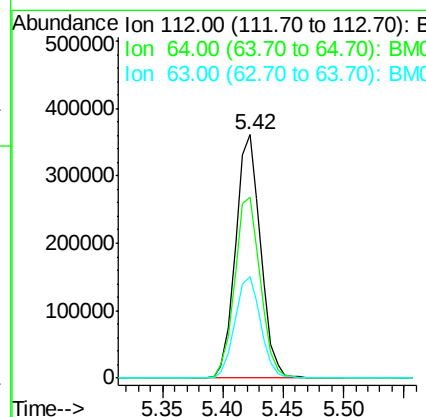
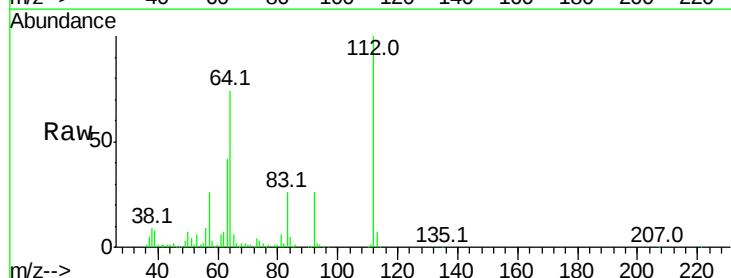
Tot Ion:152 Resp: 113927
Ion Ratio Lower Upper
152 100
150 162.8 119.5 179.3
115 67.4 43.0 64.4#

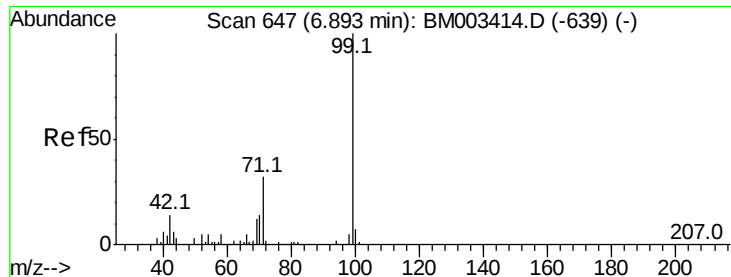


#5

2-Fluorophenol
Concen: 76.42 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009480.D
Acq: 31 Mar 2017 18:59

Tgt Ion:112 Resp: 522313
Ion Ratio Lower Upper
112 100
64 74.1 38.6 57.8#
63 41.8 19.3 28.9#





#7

Phenol-d6

Concen: 47.61 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009480.D

Acq: 31 Mar 2017 18:59

Instrument :

BNA_M

ClientSampleId :

MW-1

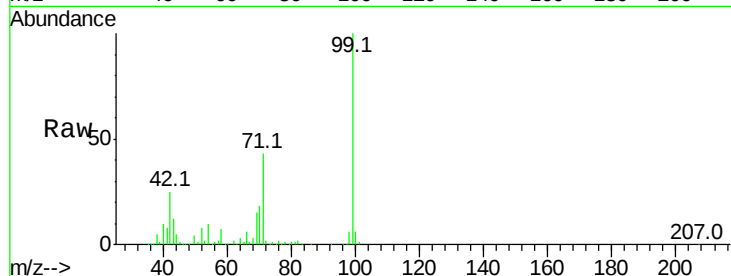
Tot Ion: 99 Resp: 443746

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

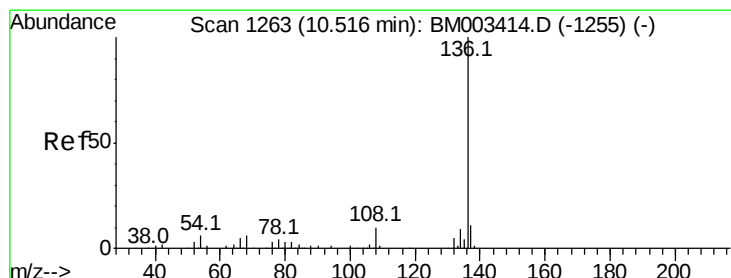
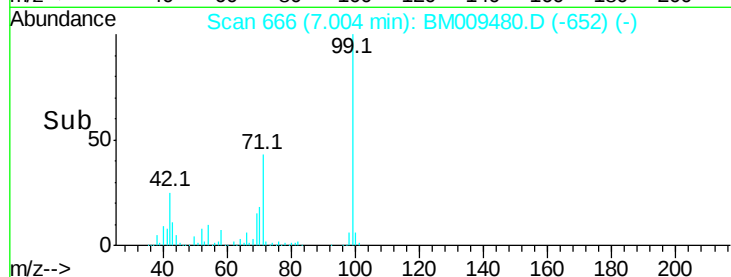
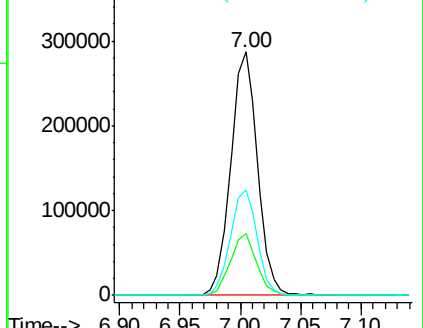
71 43.5 23.4 35.2#



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: BM009480.D

Acq: 31 Mar 2017 18:59

Tgt Ion: 136 Resp: 437493

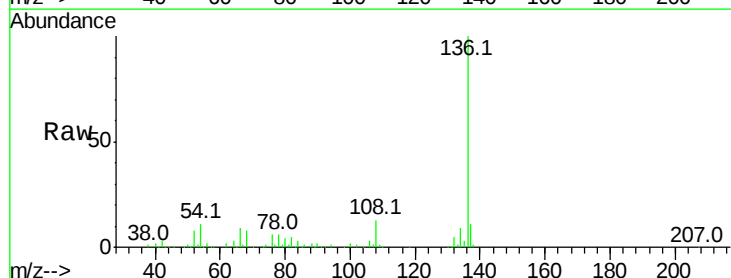
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 10.8 4.6 6.8#

68 8.4 3.7 5.5#

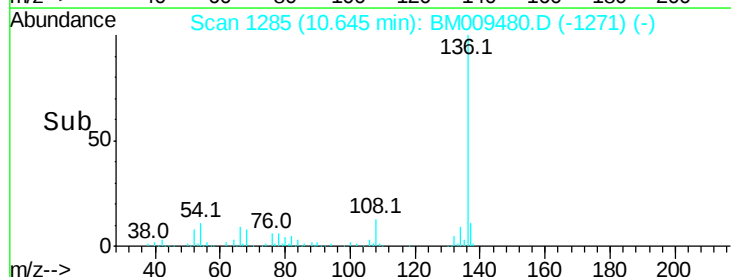
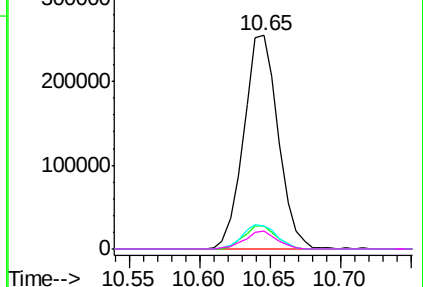


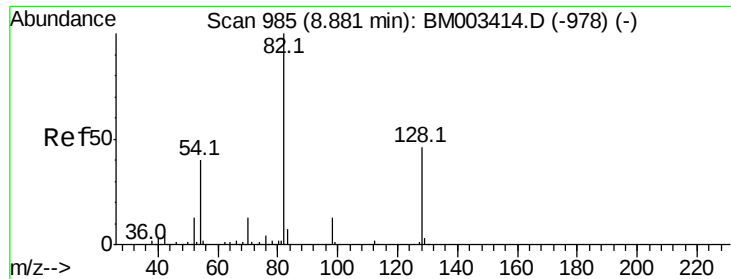
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

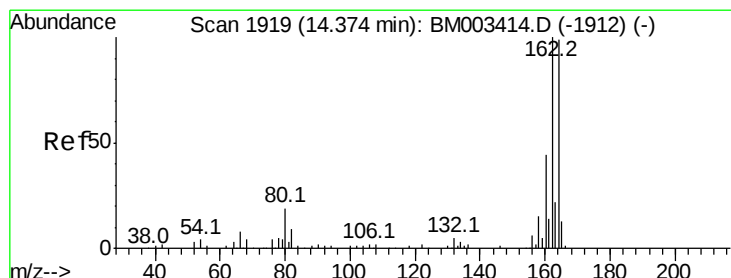
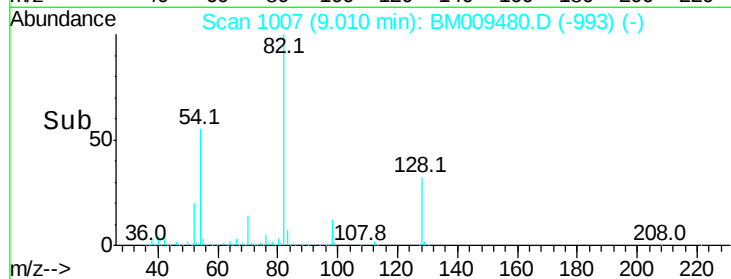
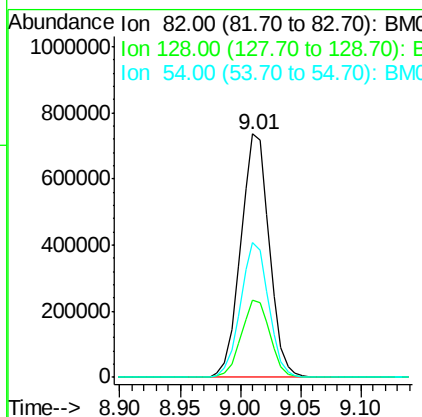
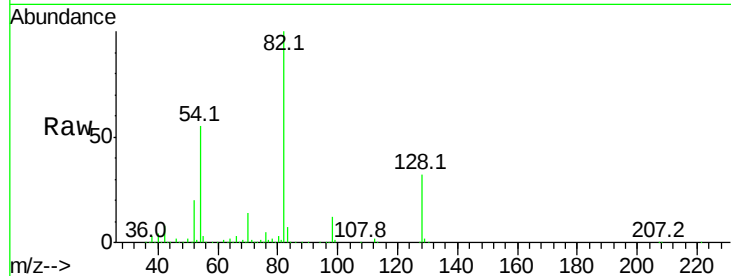




#23
 Nitrobenzene-d5
 Concen: 104.05 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009480.D
 Acq: 31 Mar 2017 18:59

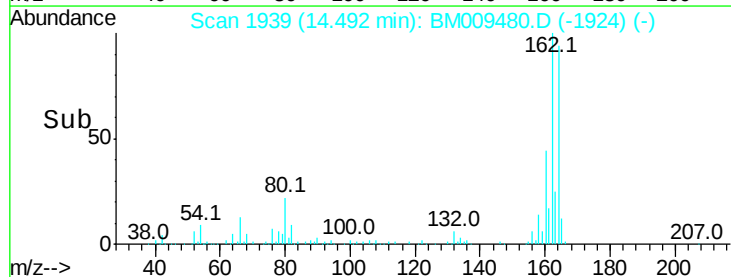
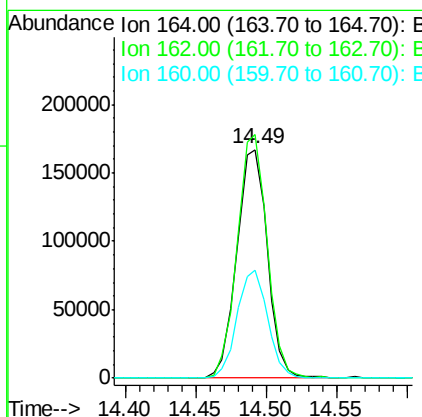
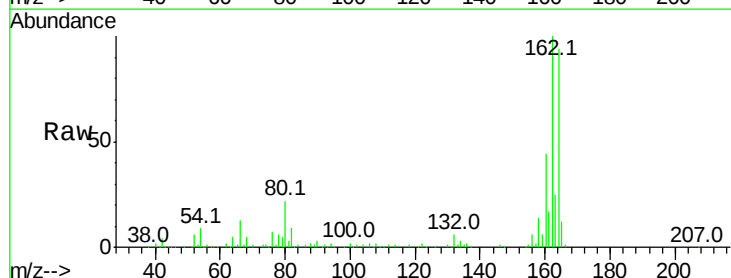
Instrument :
 BNA_M
 ClientSampleId :
 MW-1

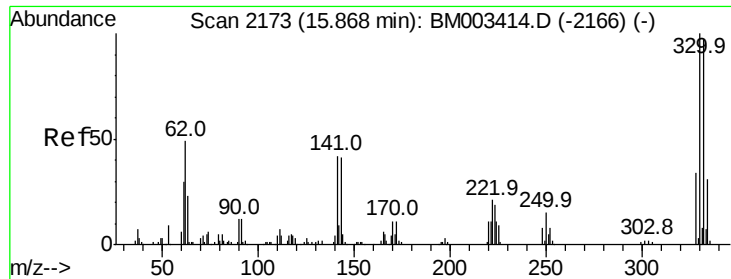
Tot Ion: 82 Resp: 1214042
 Ion Ratio Lower Upper
 82 100
 128 31.5 32.8 49.2#
 54 55.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009480.D
 Acq: 31 Mar 2017 18:59

Tgt Ion:164 Resp: 252275
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.4 123.6
 160 47.2 35.8 53.6

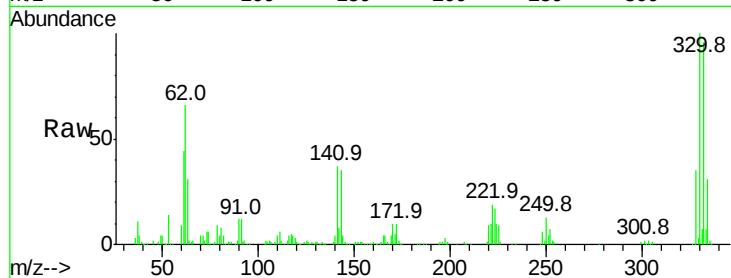




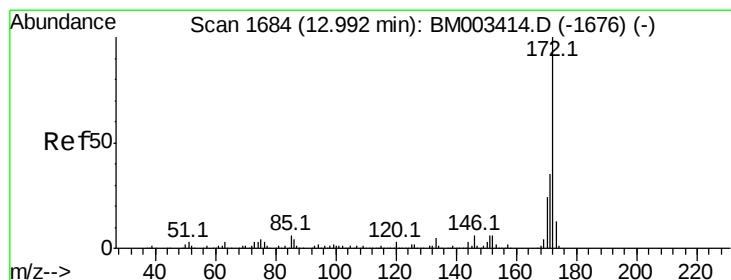
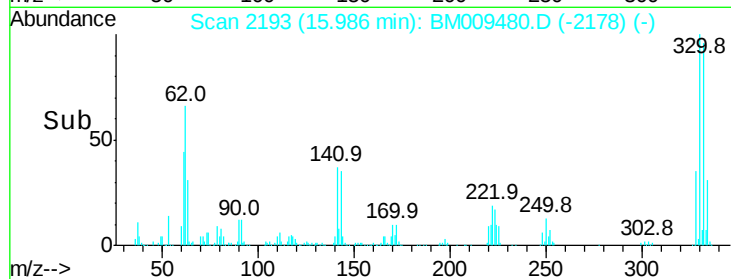
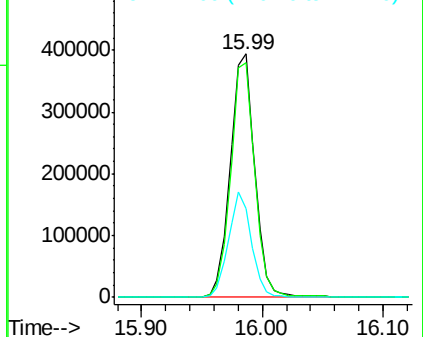
#41
 2,4,6-Tribromophenol
 Concen: 177.98 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009480.D
 Acq: 31 Mar 2017 18:59

Instrument :
 BNA_M
 ClientSampled :
 MW-1

Tot Ion:330 Resp: 557801
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 40.7 0.0 0.0#

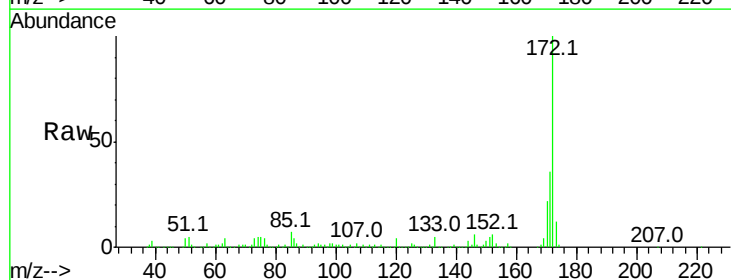


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

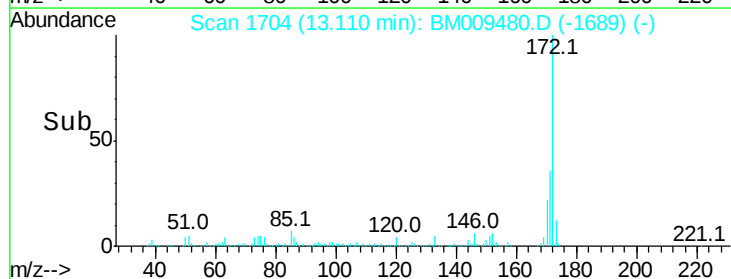
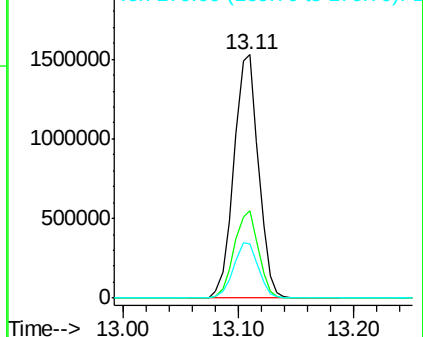


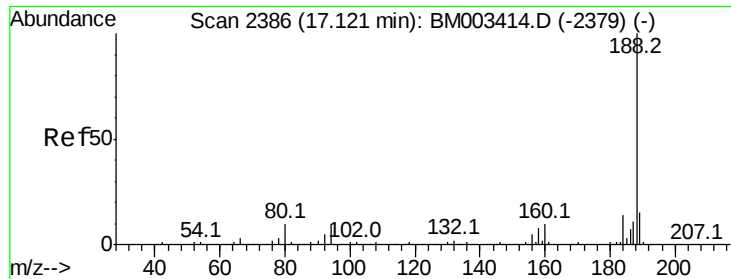
#44
 2-Fluorobiphenyl
 Concen: 107.41 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009480.D
 Acq: 31 Mar 2017 18:59

Tgt Ion:172 Resp: 2248845
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 22.5 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

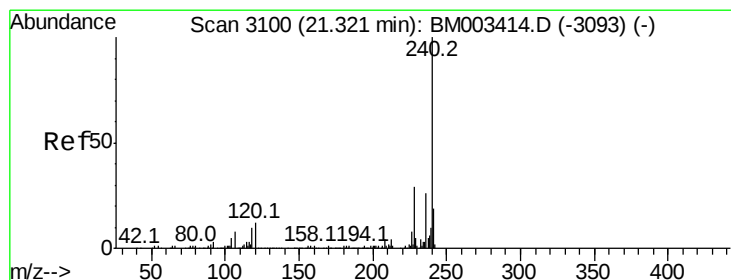
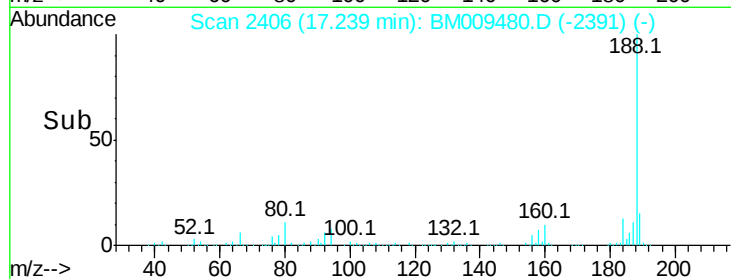
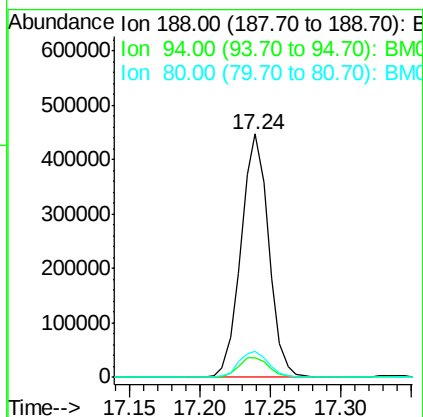
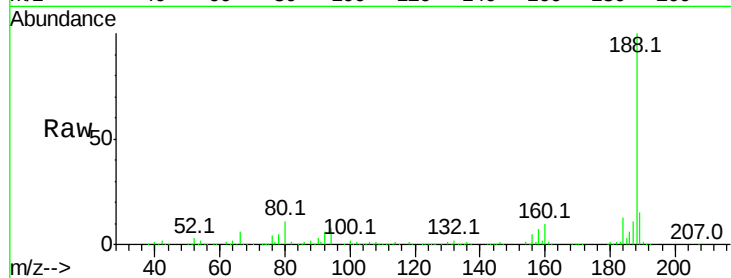




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009480.D
Acq: 31 Mar 2017 18:59

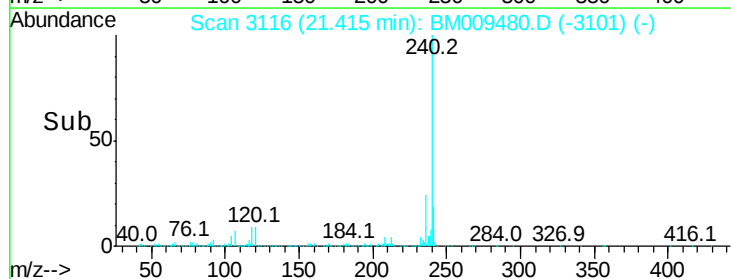
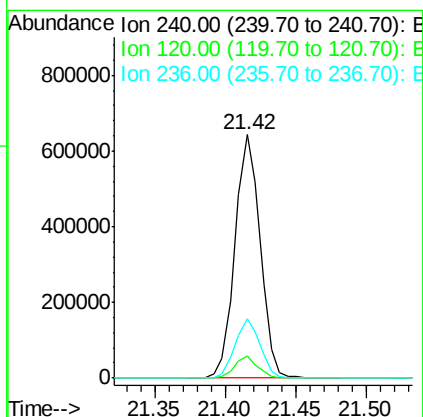
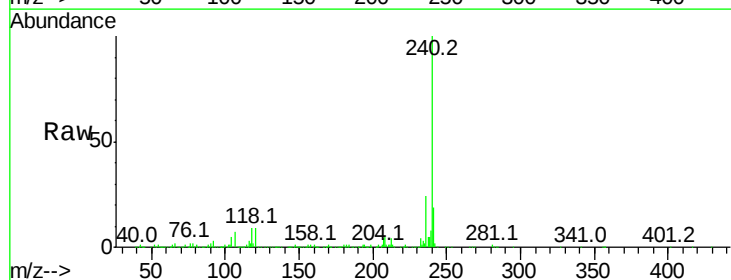
Instrument :
BNA_M
ClientSampleId :
MW-1

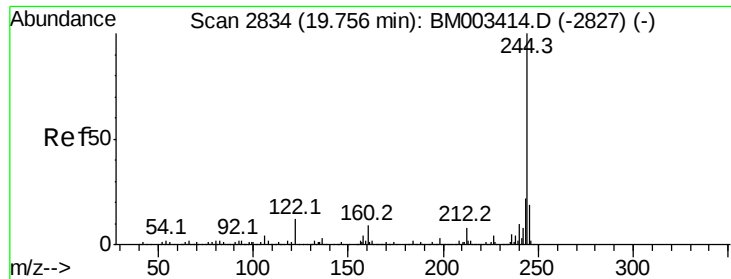
Tot Ion:188 Resp: 613376
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 10.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009480.D
Acq: 31 Mar 2017 18:59

Tgt Ion:240 Resp: 798936
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 24.3 20.0 30.0



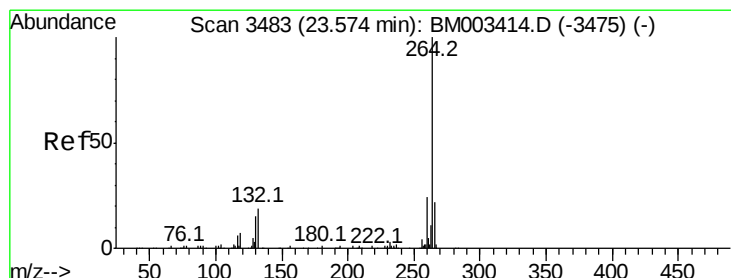
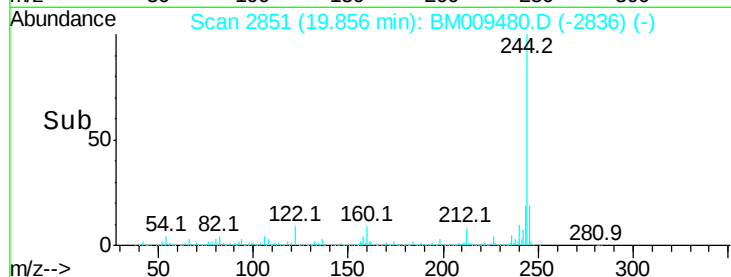
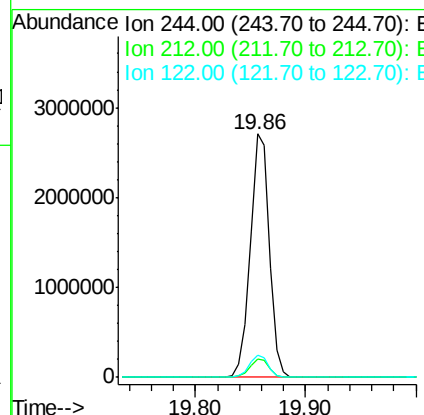
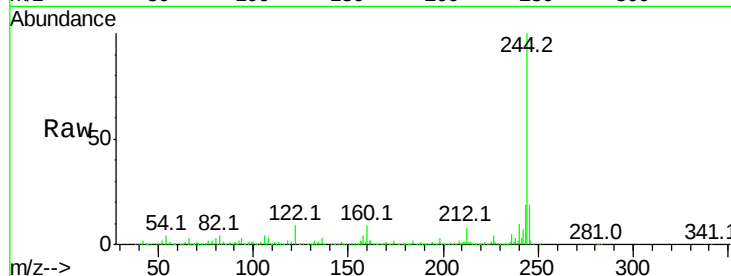


#78
 Terphenyl-d14
 Concen: 85.62 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009480.D
 Acq: 31 Mar 2017 18:59

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tot Ion:244 Resp: 3273472

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	9.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009480.D
 Acq: 31 Mar 2017 18:59

Tgt Ion:264 Resp: 764765

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.6	27.8
265	20.8	17.3	25.9

