

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009509.D
 Acq On : 03 Apr 2017 20:29
 Operator : SJ/MA
 Sample : I2494-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW16

Quant Time: Apr 04 01:22:20 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	120075	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	458966	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	301523	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	726322	20.00	ng	-0.01
75) Chrysene-d12	21.41	240	944554	20.00	ng	-0.01
86) Perylene-d12	23.74	264	865877	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	509913	70.78	ng	-0.01
7) Phenol-d6	7.00	99	453785	46.19	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1084904	88.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	615026	164.19	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1961493	78.39	ng	-0.02
78) Terphenyl-d14	19.86	244	3650010	80.75	ng	-0.01

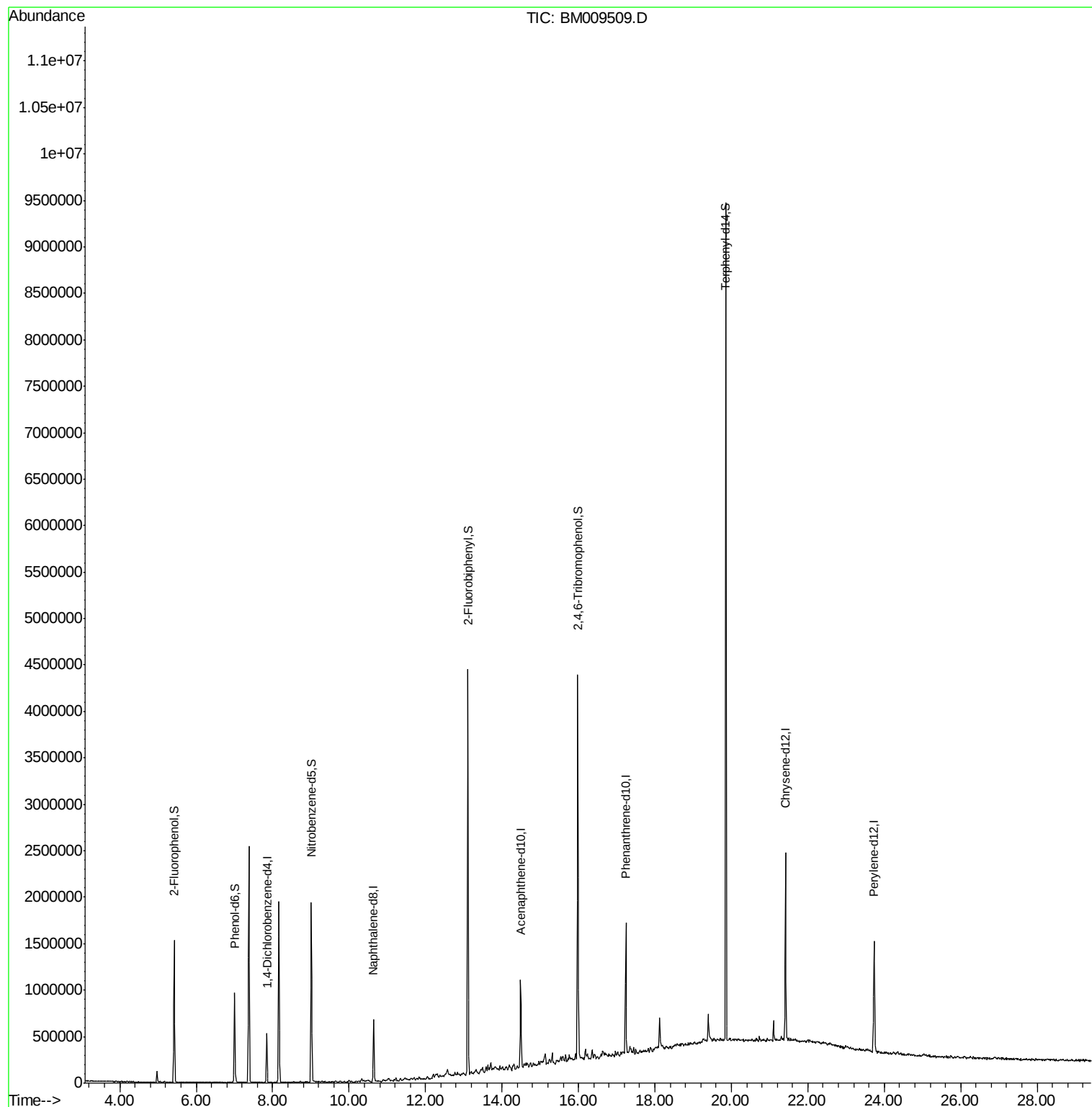
Target Compounds Qvalue

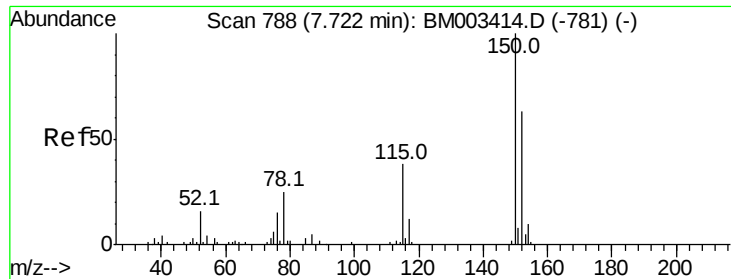
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009509.D

Acq: 03 Apr 2017 20:29

Instrument :

BNA_M

ClientSampleId :

MW16

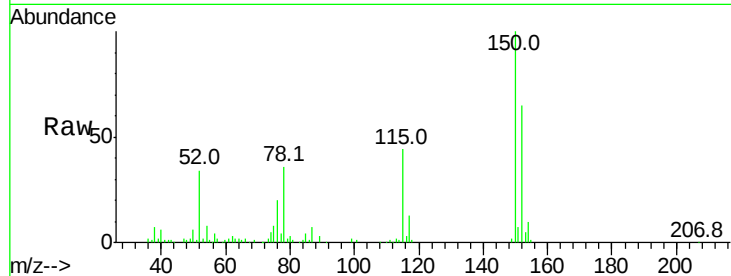
Tot Ion:152 Resp: 120075

Ion Ratio Lower Upper

152 100

150 154.5 119.5 179.3

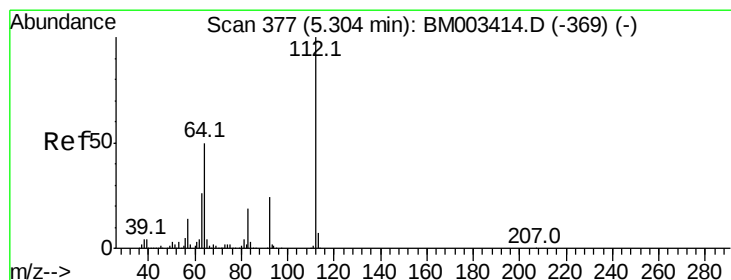
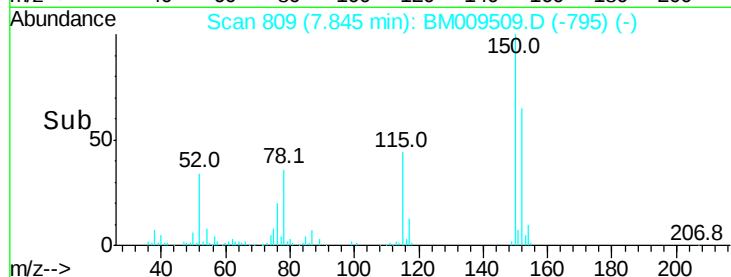
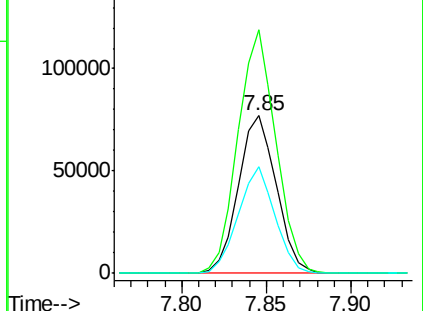
115 67.8 43.0 64.4#



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: 70.78 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009509.D

Acq: 03 Apr 2017 20:29

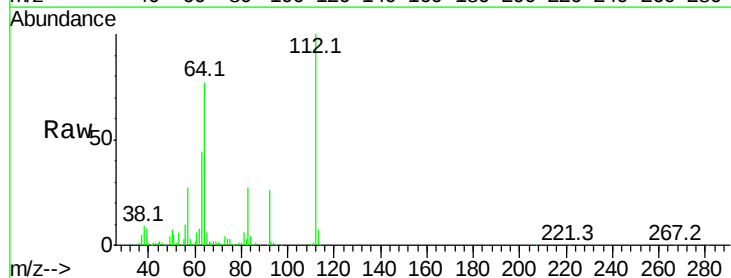
Tgt Ion:112 Resp: 509913

Ion Ratio Lower Upper

112 100

64 77.0 38.6 57.8#

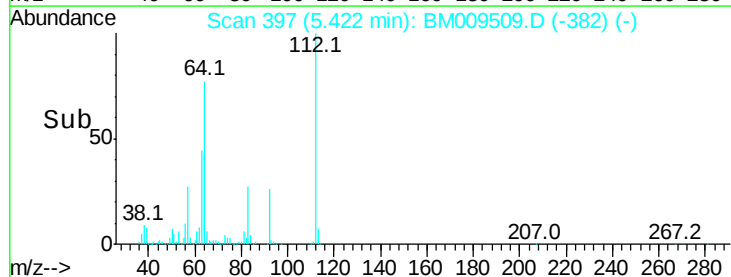
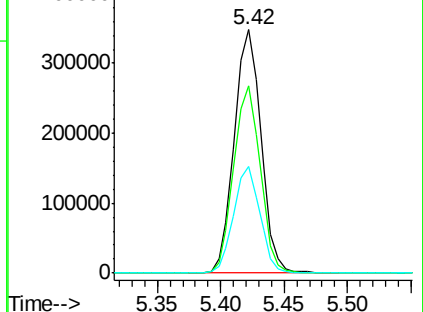
63 43.7 19.3 28.9#

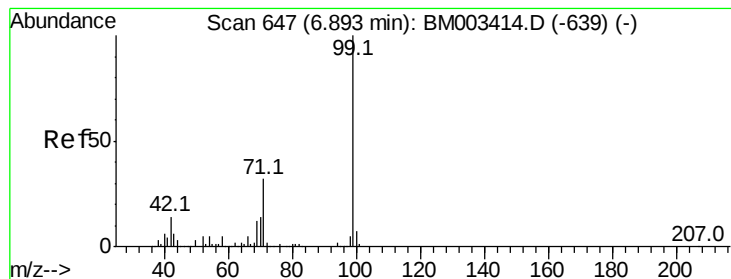


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 46.19 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009509.D

Acq: 03 Apr 2017 20:29

Instrument :

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ClientSampleId :

MW16

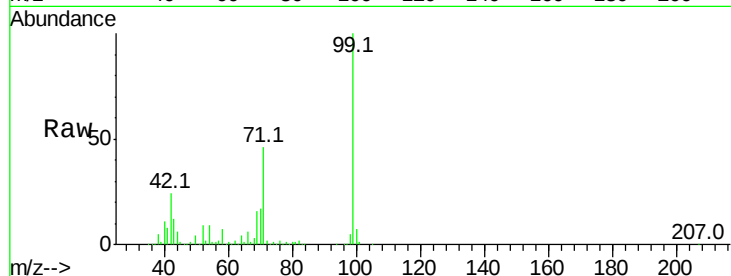
Tot Ion: 99 Resp: 453785

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

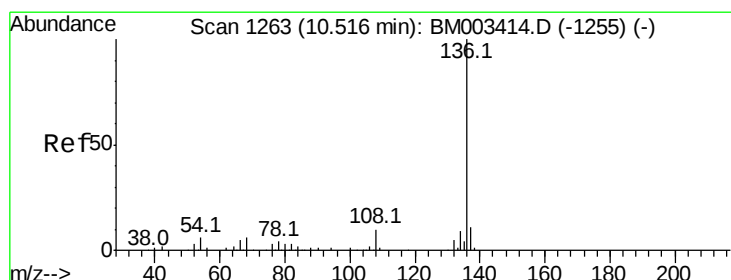
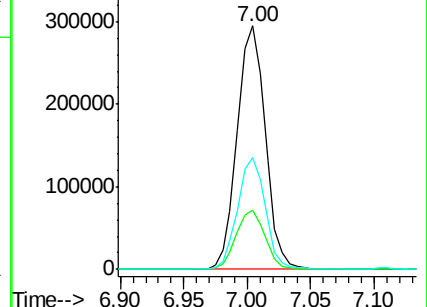
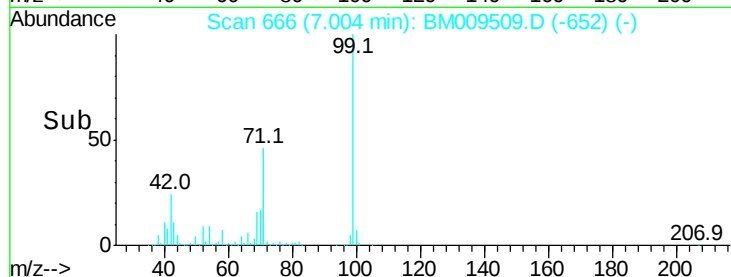
71 45.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009509.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009509.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009509.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009509.D

Acq: 03 Apr 2017 20:29

Tgt Ion: 136 Resp: 458966

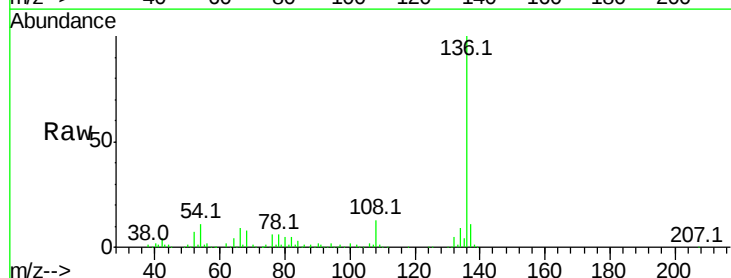
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.4 4.6 6.8#

68 8.4 3.7 5.5#

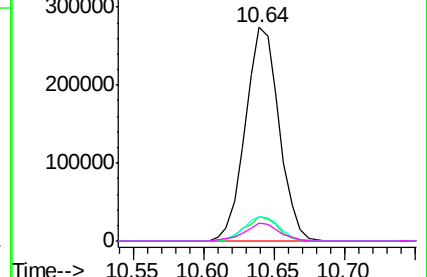
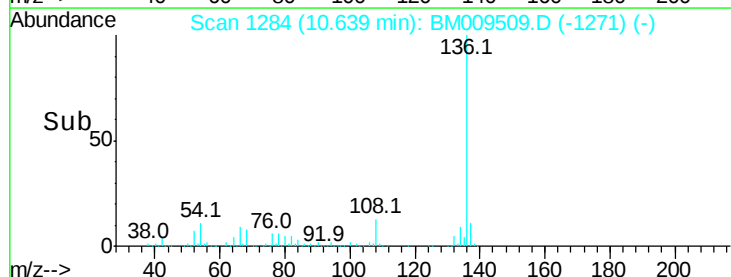


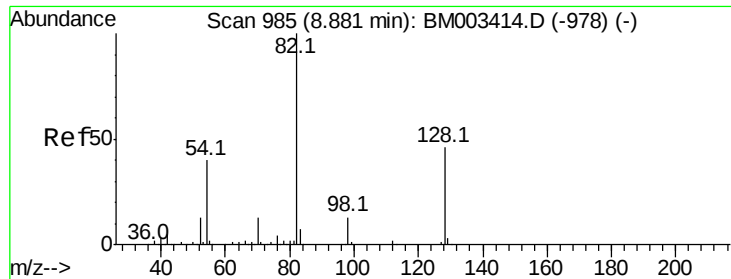
Abundance Ion 136.00 (135.70 to 136.70): BM009509.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009509.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009509.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009509.D (-1271) (-)

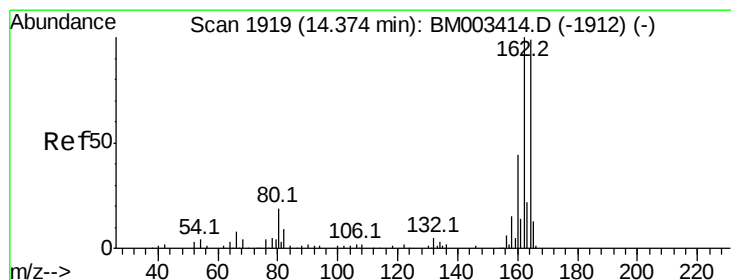
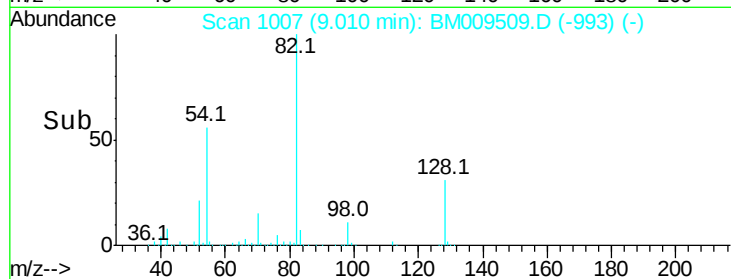
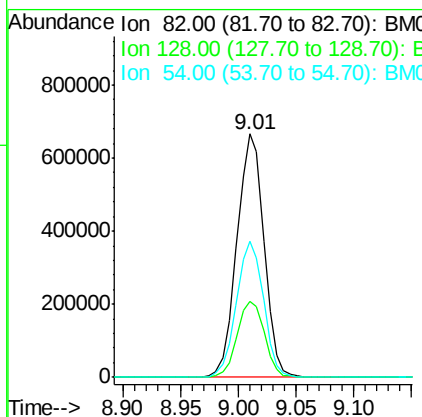
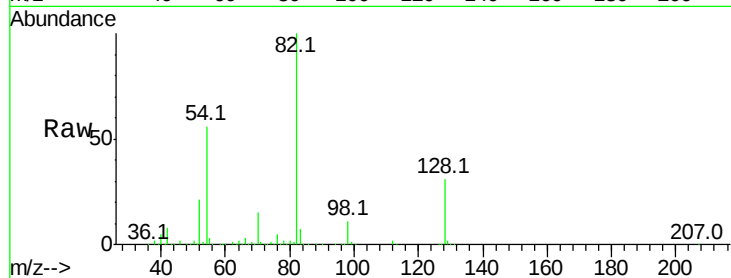




#23
 Nitrobenzene-d5
 Concen: 88.63 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009509.D
 Acq: 03 Apr 2017 20:29

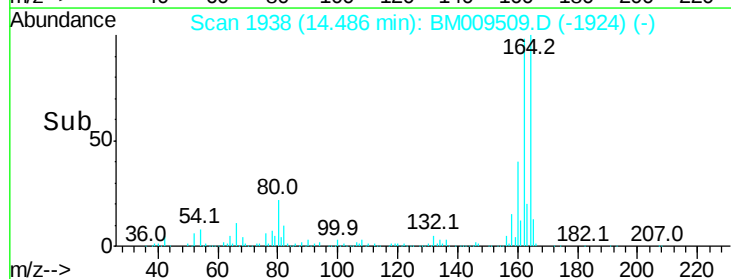
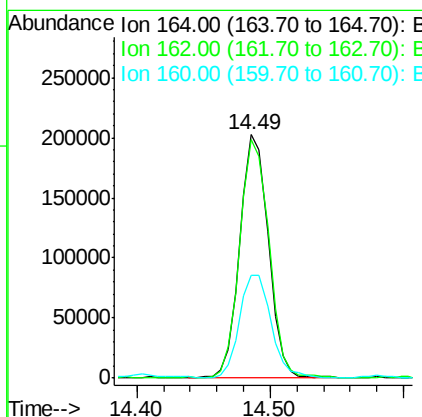
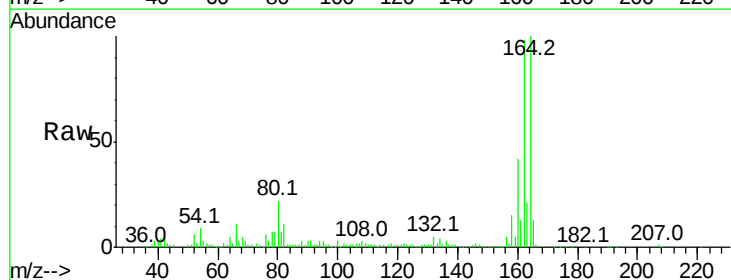
Instrument :
 BNA_M
 ClientSampleId :
 MW16

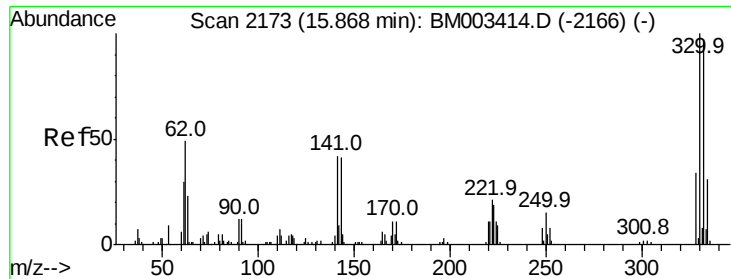
Tot Ion: 82 Resp: 1084904
 Ion Ratio Lower Upper
 82 100
 128 31.1 32.8 49.2#
 54 55.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009509.D
 Acq: 03 Apr 2017 20:29

Tgt Ion:164 Resp: 301523
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.4 123.6
 160 42.0 35.8 53.6

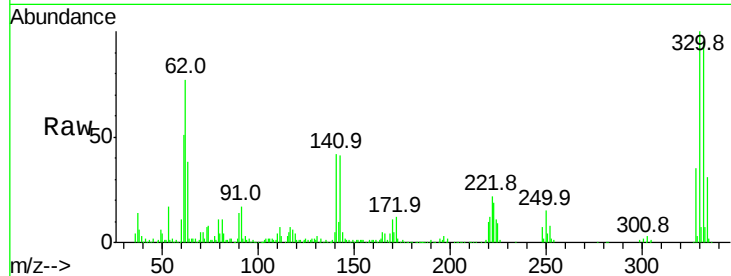




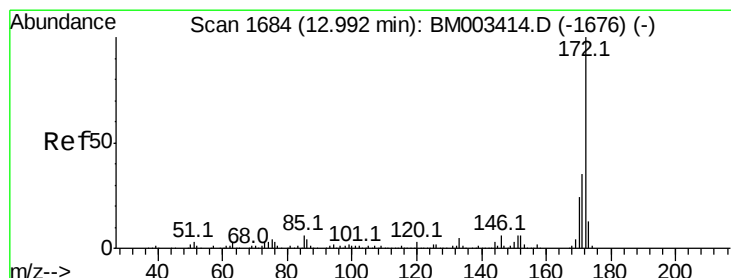
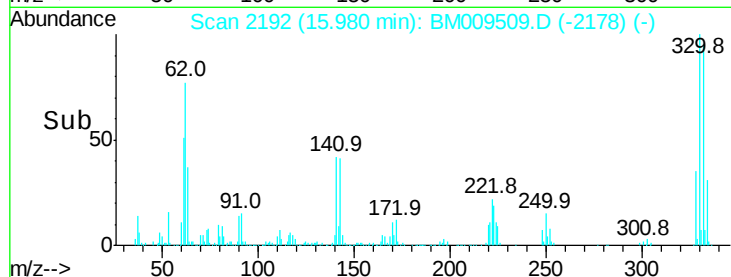
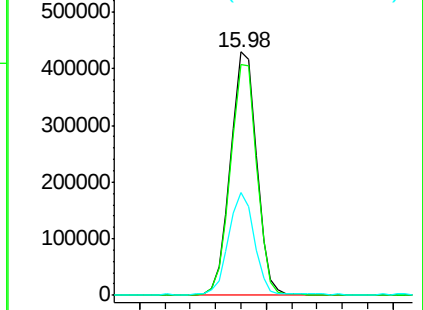
#41
 2,4,6-Tribromophenol
 Concen: 164.19 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009509.D
 Acq: 03 Apr 2017 20:29

Instrument :
 BNA_M
 ClientSampleId :
 MW16

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	41.0	0.0	0.0#

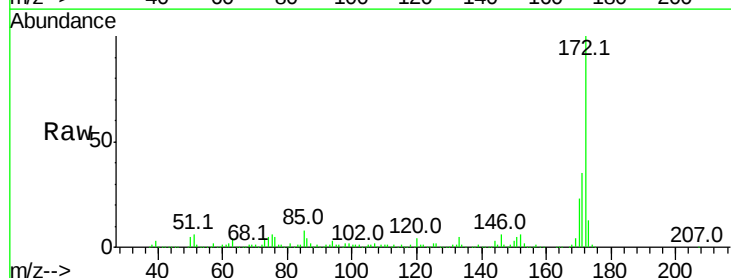


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

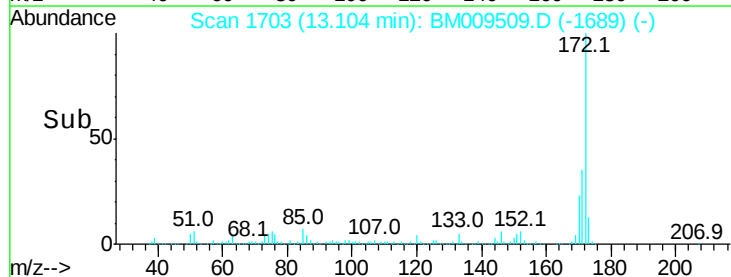
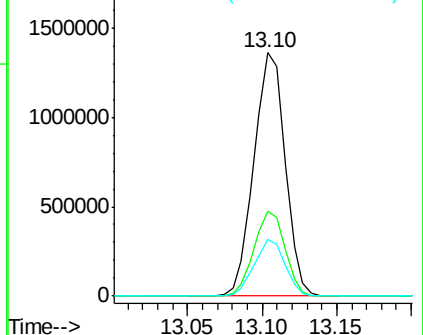


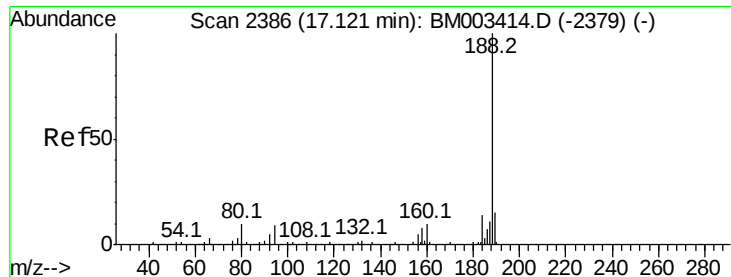
#44
 2-Fluorobiphenyl
 Concen: 78.39 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009509.D
 Acq: 03 Apr 2017 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.4	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

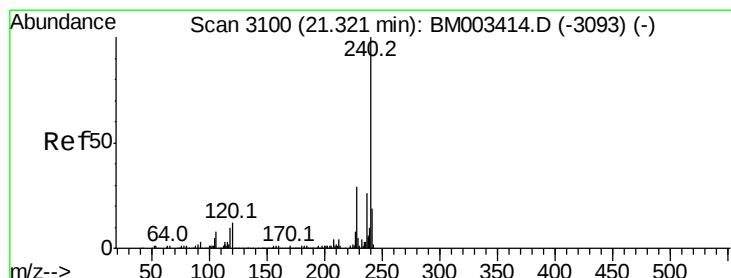
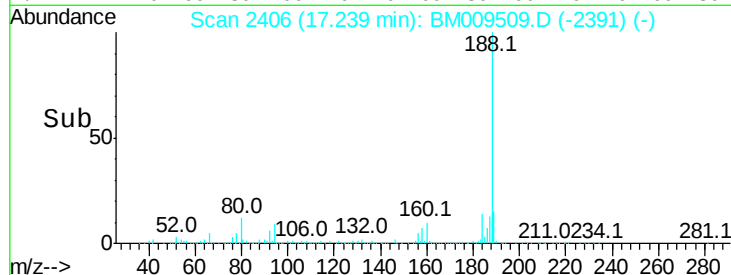
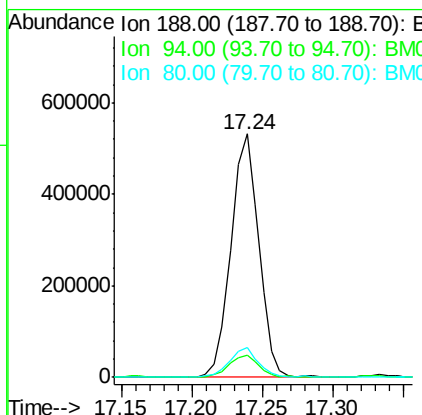
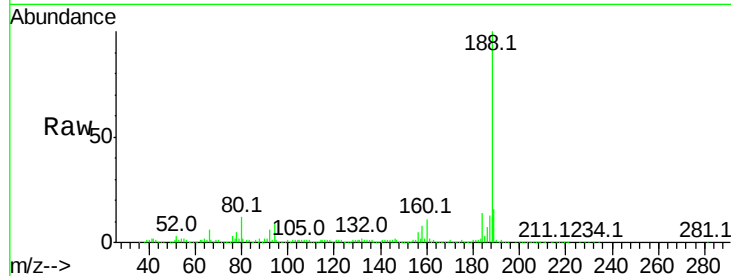




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.24 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM009509.D
 Acq: 03 Apr 2017 20:29

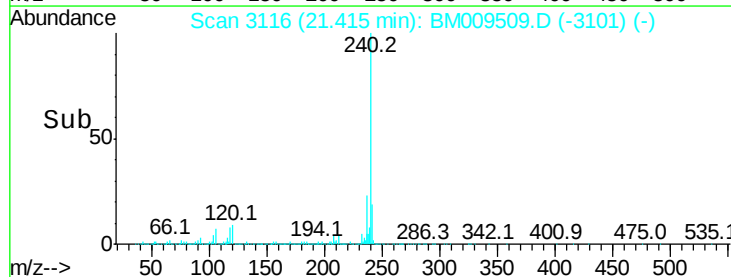
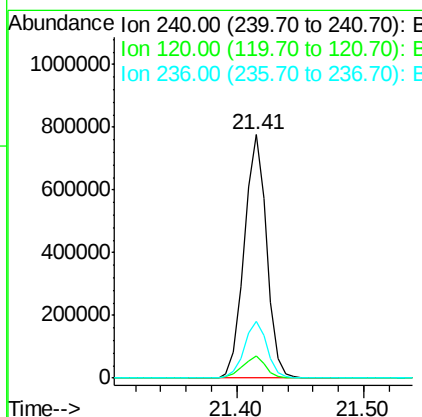
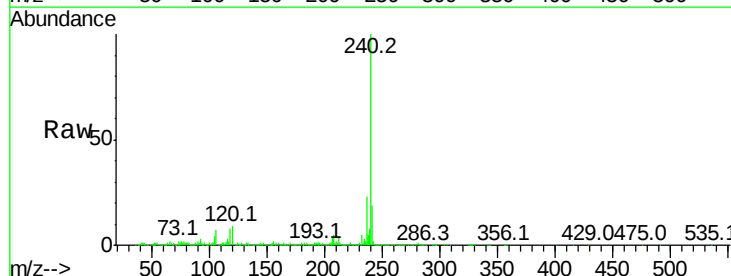
Instrument :
 BNA_M
 ClientSampleId :
 MW16

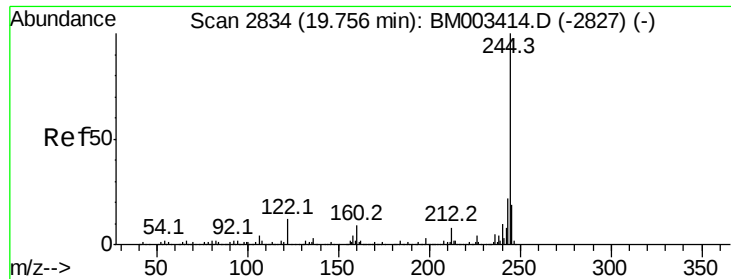
Tot Ion:188 Resp: 726322
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.7 13.1
 80 12.1 9.3 13.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.41 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009509.D
 Acq: 03 Apr 2017 20:29

Tgt Ion:240 Resp: 944554
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.2 12.2
 236 23.4 20.0 30.0





#78

Terphenyl-d14

Concen: 80.75 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009509.D

Acq: 03 Apr 2017 20:29

Instrument :

BNA_M

ClientSampleId :

MW16

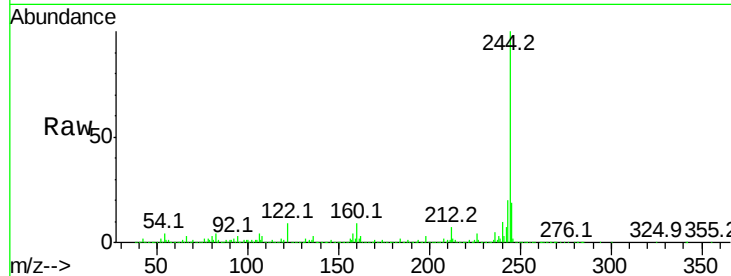
Tot Ion:244 Resp: 3650010

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

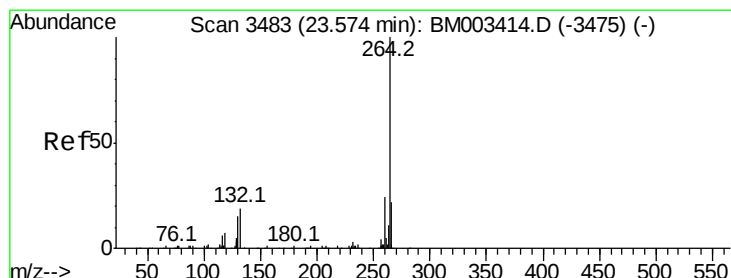
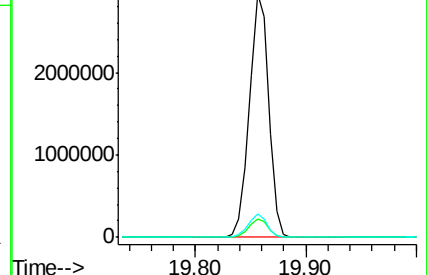
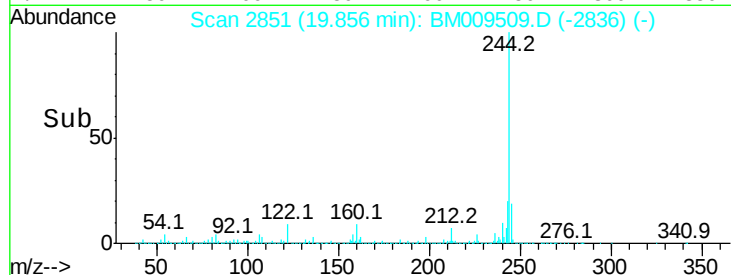
122 9.4 6.2 9.4#



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: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009509.D

Acq: 03 Apr 2017 20:29

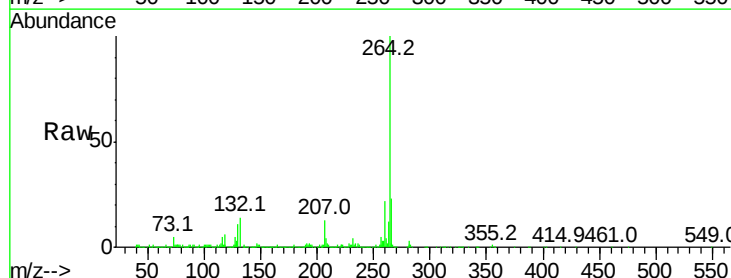
Tgt Ion:264 Resp: 865877

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 22.7 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

