

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009915.D
 Acq On : 05 May 2017 22:52
 Operator : SJ/MA
 Sample : I2893-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 00:20:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	92473	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	361502	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	223601	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	565592	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	739365	20.00	ng	-0.01
86) Perylene-d12	23.68	264	678671	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	354847	61.09	ng	0.00
7) Phenol-d6	6.96	99	303794	34.12	ng	-0.01
23) Nitrobenzene-d5	8.95	82	991140	99.22	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	533593	174.73	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1756899	102.37	ng	0.00
78) Terphenyl-d14	19.82	244	3500737	97.13	ng	0.00

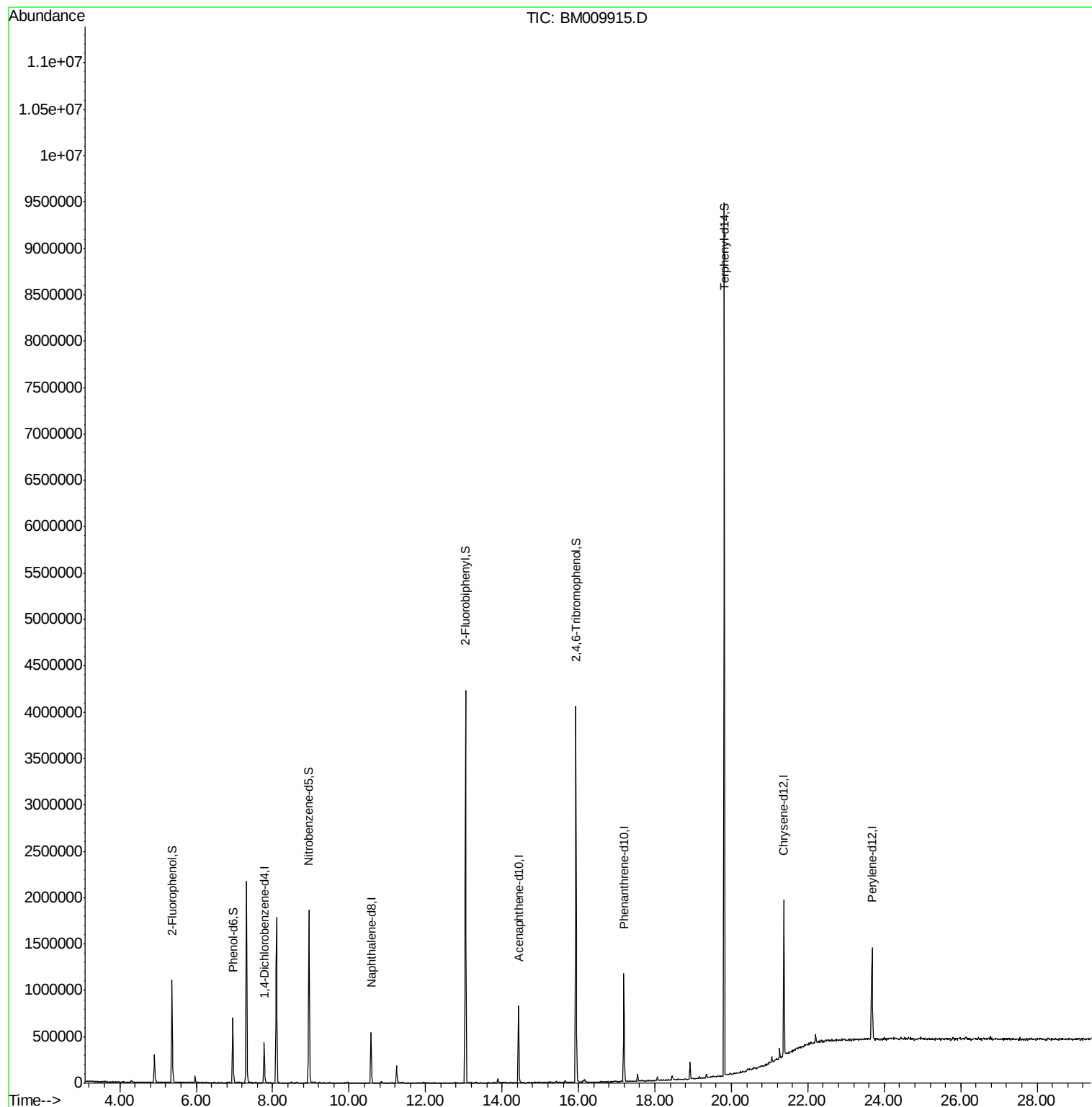
Target Compounds Qvalue

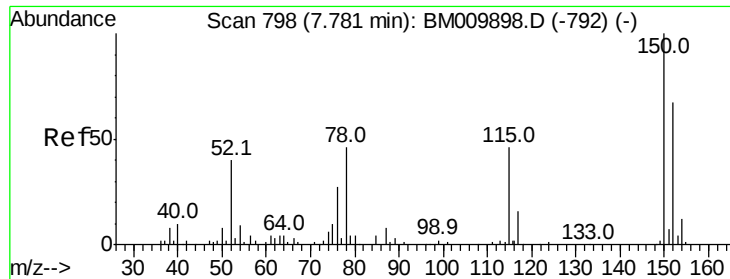
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Instrument :

BNA_M

ClientSampleId :

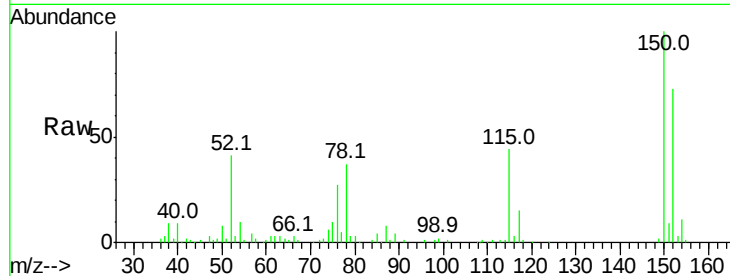
Tot Ion:152 Resp: 92473

Ion Ratio Lower Upper

152 100

150 137.3 119.5 179.3

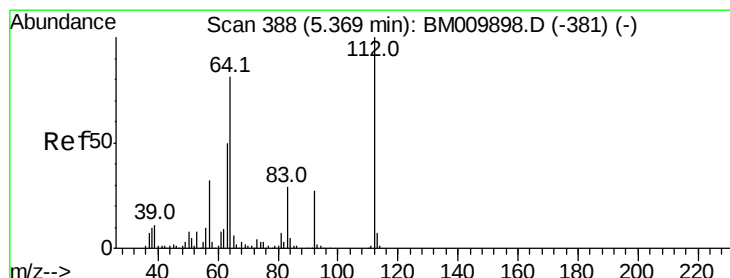
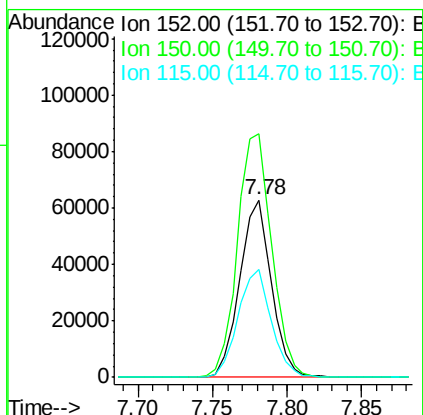
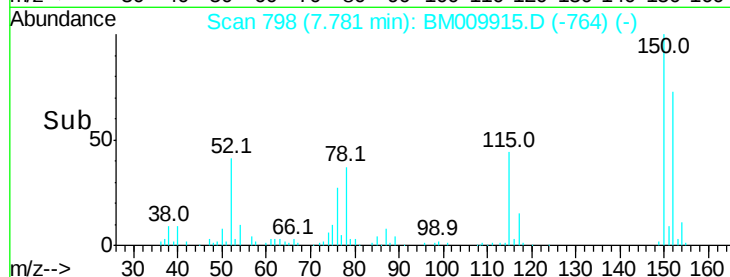
115 60.7 43.0 64.4



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: 61.09 ng

RT: 5.37 min Scan# 388

Delta R.T. 0.00 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

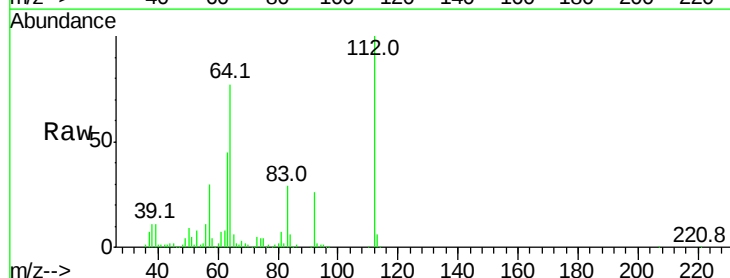
Tgt Ion:112 Resp: 354847

Ion Ratio Lower Upper

112 100

64 76.9 38.6 57.8#

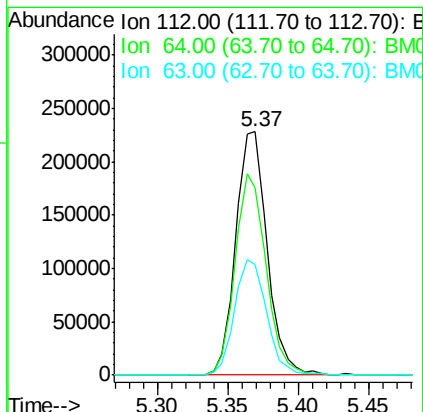
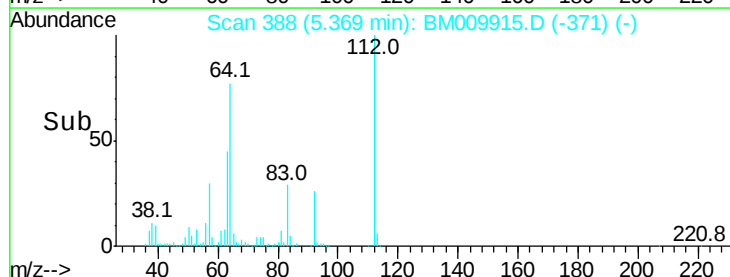
63 45.2 19.3 28.9#

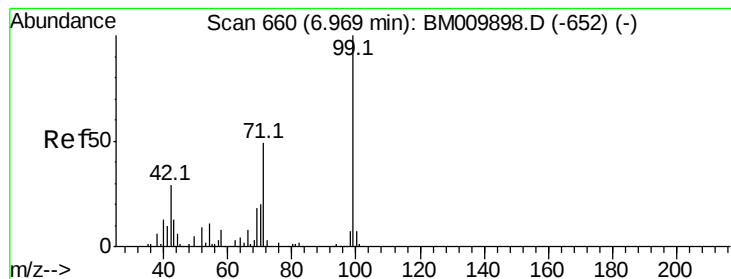


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 34.12 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Instrument :

BNA_M

ClientSampled :

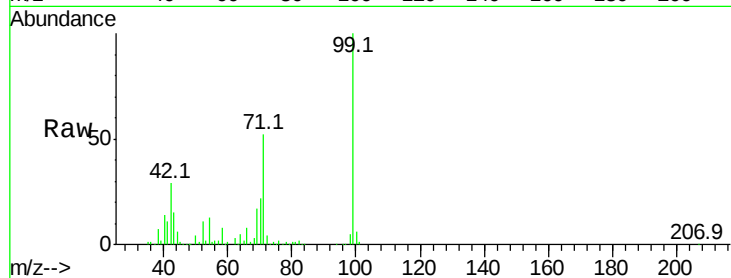
Tot Ion: 99 Resp: 303794

Ion Ratio Lower Upper

99 100

42 29.3 11.0 16.4#

71 51.6 23.4 35.2#

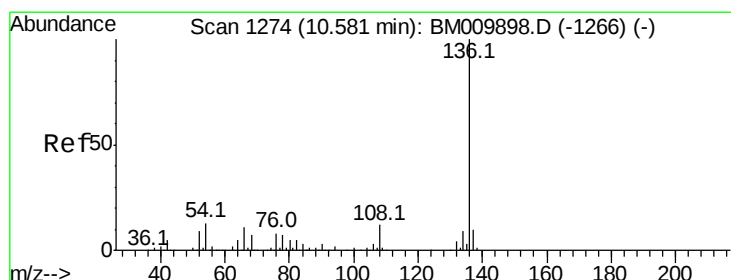
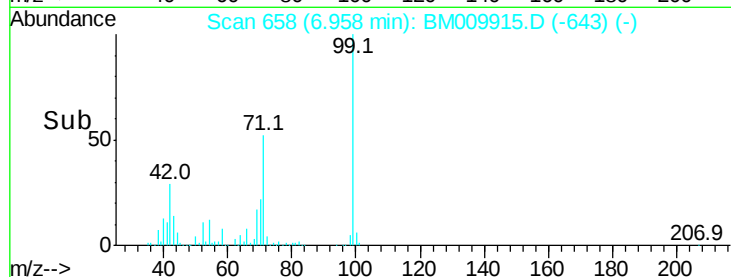
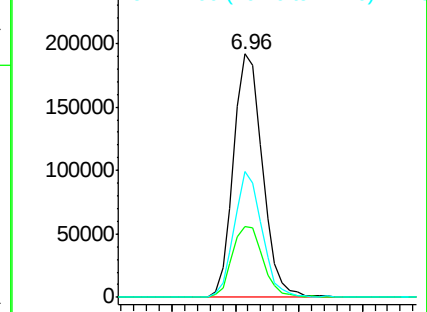


Abundance

Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Tgt Ion: 136 Resp: 361502

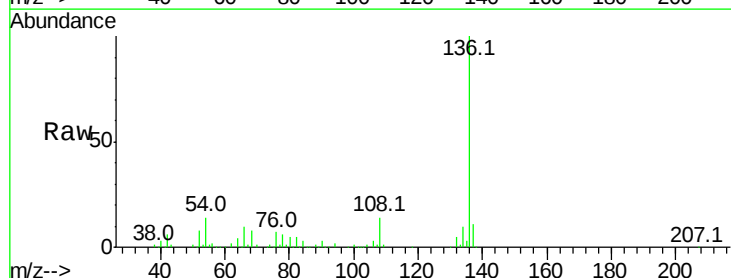
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 14.3 4.6 6.8#

68 7.8 3.7 5.5#



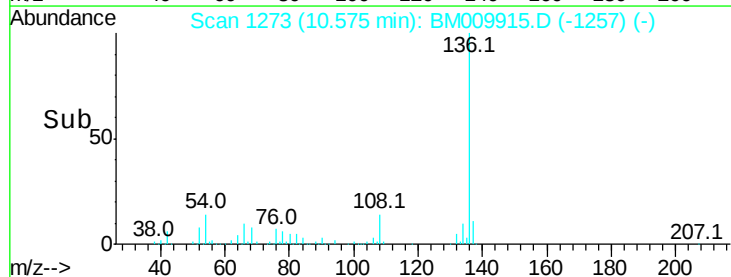
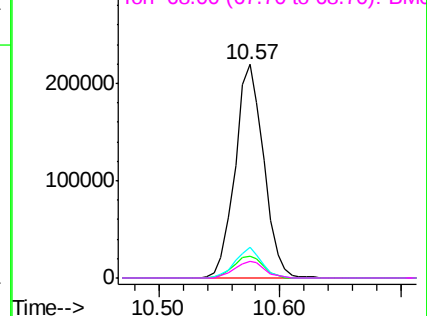
Abundance

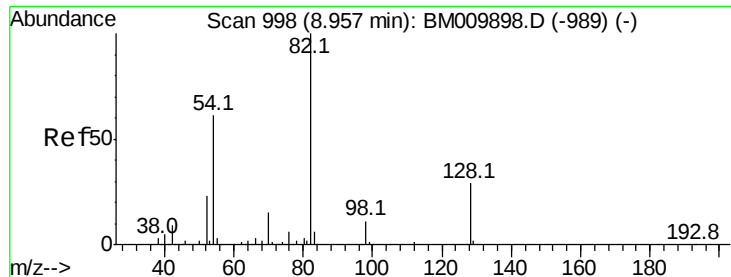
Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)





#23

Nitrobenzene-d5

Concen: 99.22 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Instrument :

BNA_M

ClientSampled :

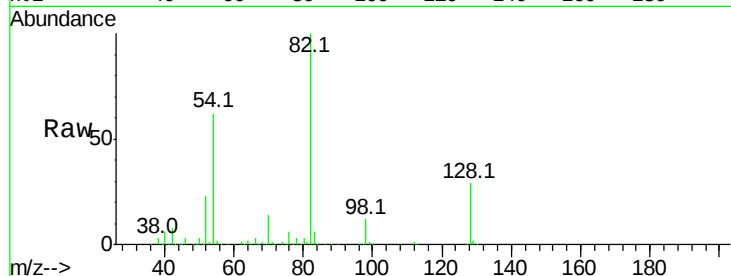
Tot Ion: 82 Resp: 991140

Ion Ratio Lower Upper

82 100

128 28.7 32.8 49.2#

54 62.2 40.6 60.8#

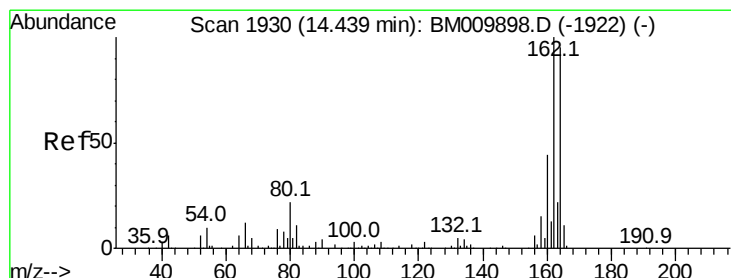
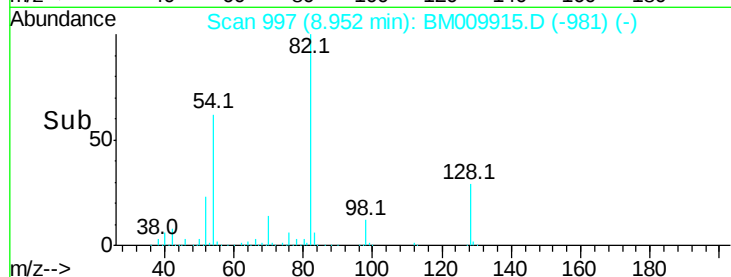


Abundance Ion 82.00 (81.70 to 82.70): BM009898.D (-989) (-)

Ion 128.00 (127.70 to 128.70): BM009898.D (-989) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-989) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

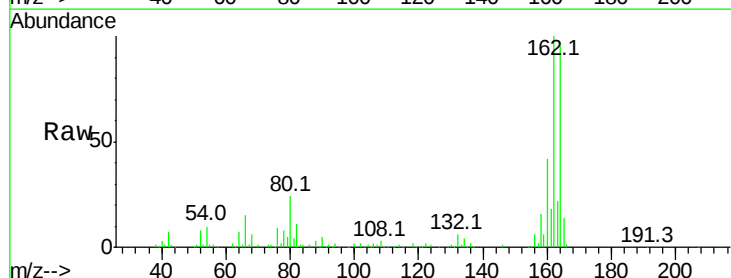
Tgt Ion: 164 Resp: 223601

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

160 44.2 35.8 53.6

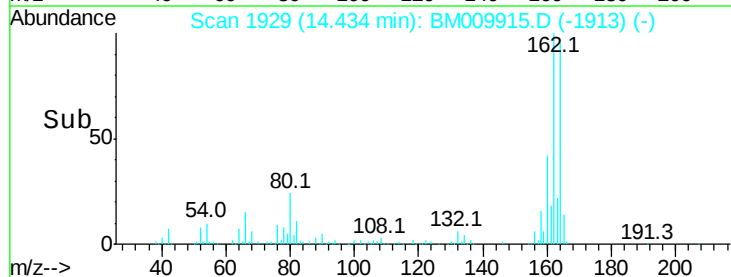


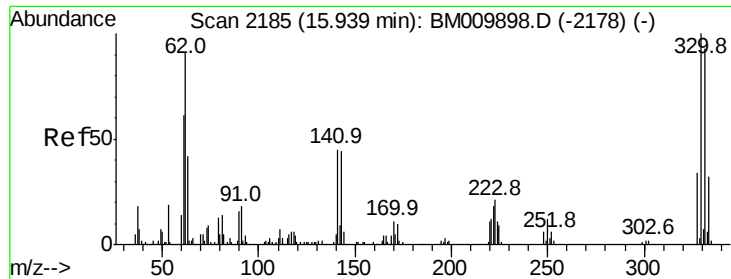
Abundance Ion 164.00 (163.70 to 164.70): BM009898.D (-1922) (-)

Ion 162.00 (161.70 to 162.70): BM009898.D (-1922) (-)

Ion 160.00 (159.70 to 160.70): BM009898.D (-1922) (-)

Time-->

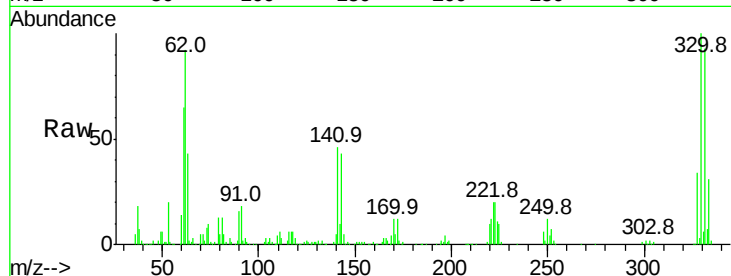




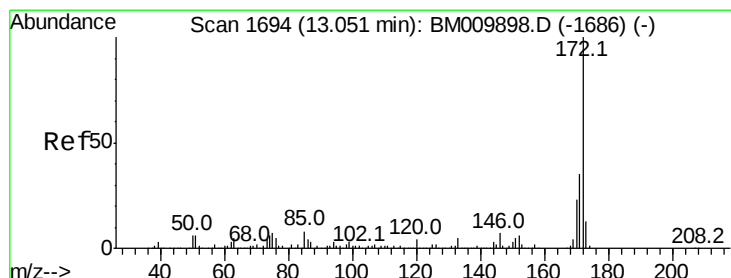
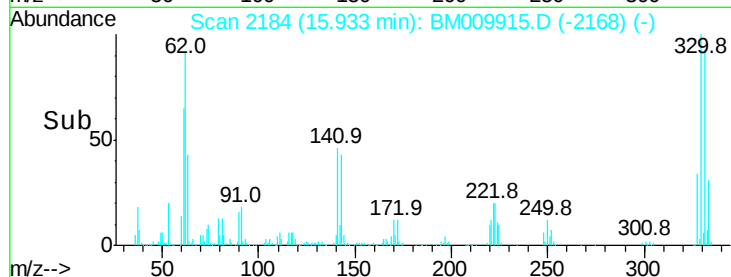
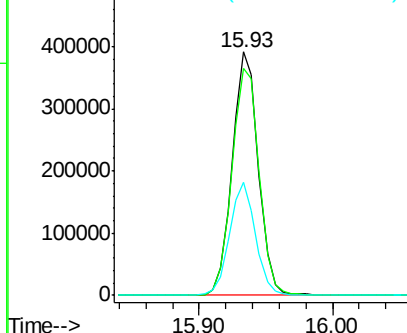
#41
 2,4,6-Tribromophenol
 Concen: 174.73 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 533593
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 46.1 0.0 0.0#

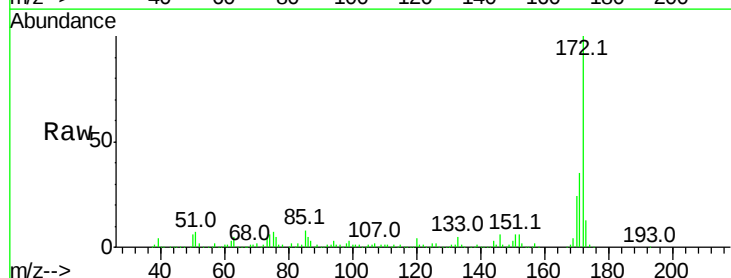


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

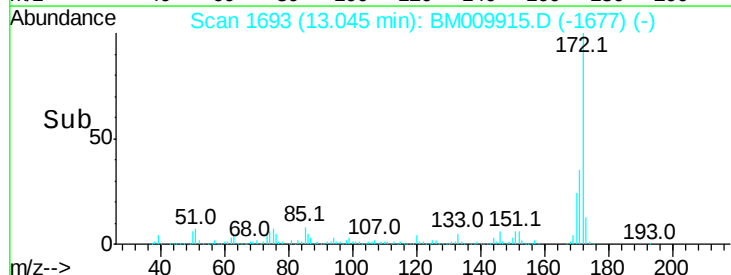
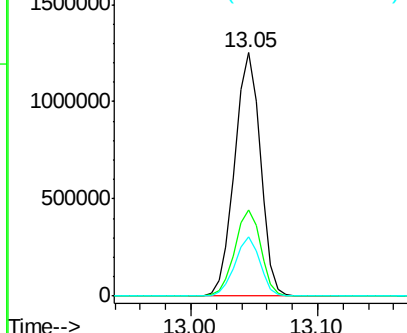


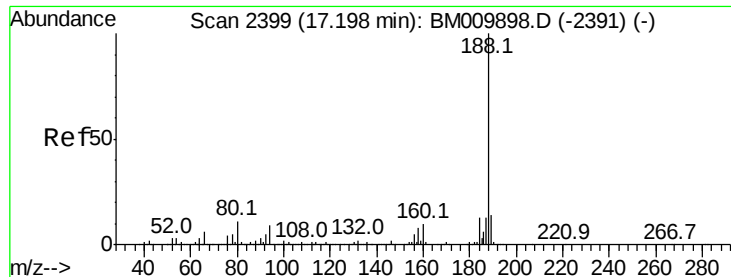
#44
 2-Fluorobiphenyl
 Concen: 102.37 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Tgt Ion:172 Resp: 1756899
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.4 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: 17.19 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

Instrument :

BNA_M

ClientSampleId :

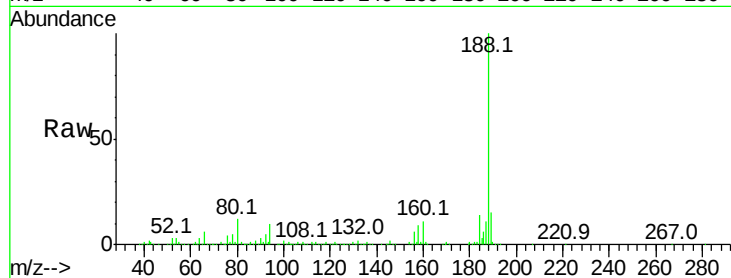
Tot Ion:188 Resp: 565592

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

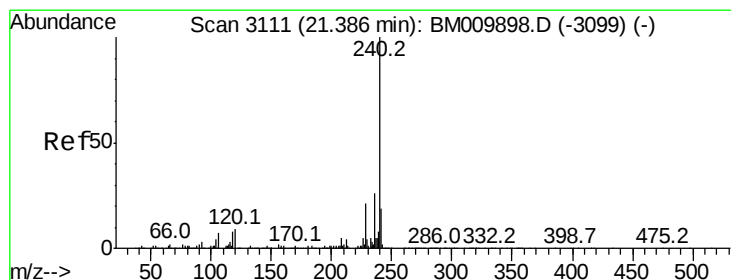
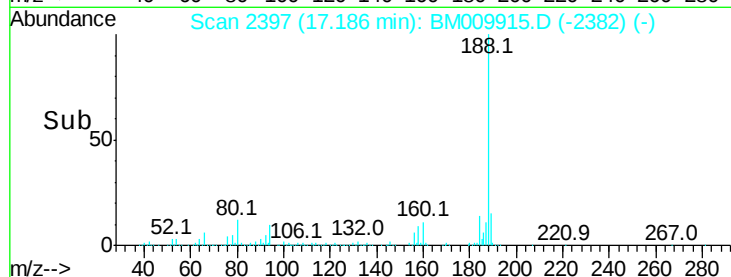
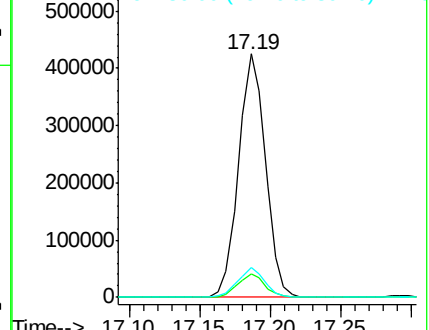
80 12.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009915.D

Acq: 05 May 2017 22:52

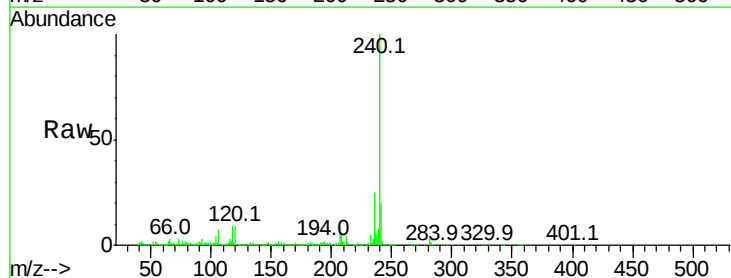
Tgt Ion:240 Resp: 739365

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

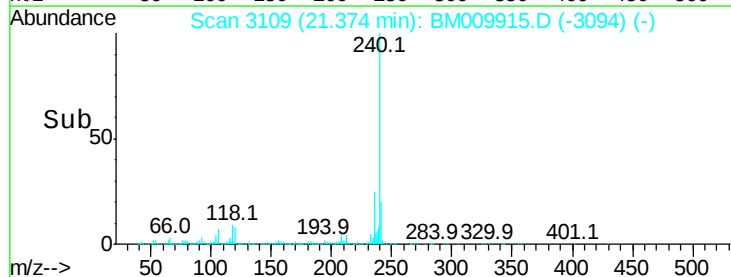
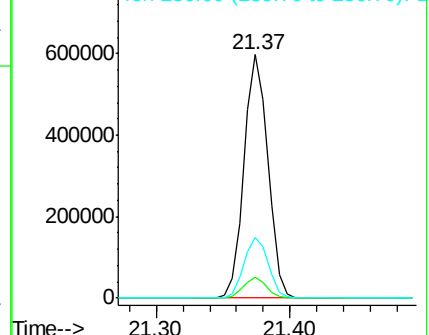
236 24.8 20.0 30.0

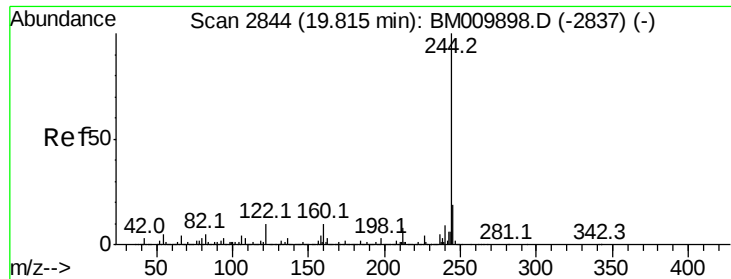


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



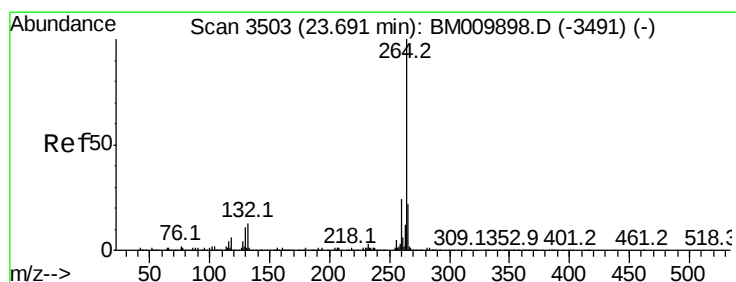
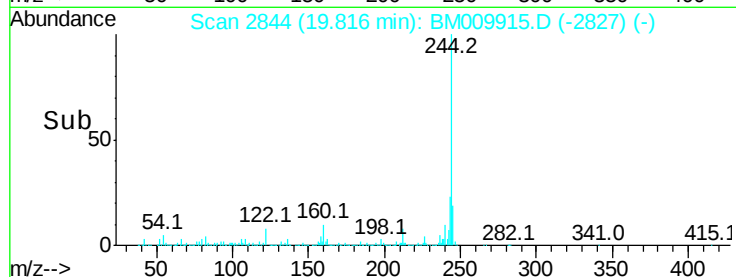
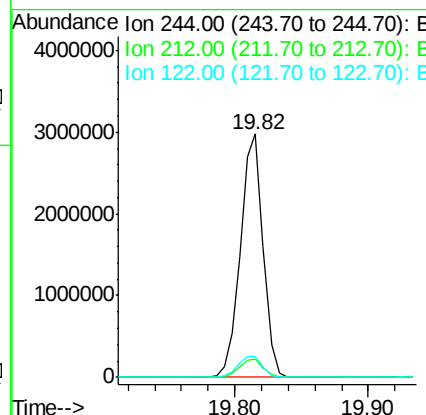
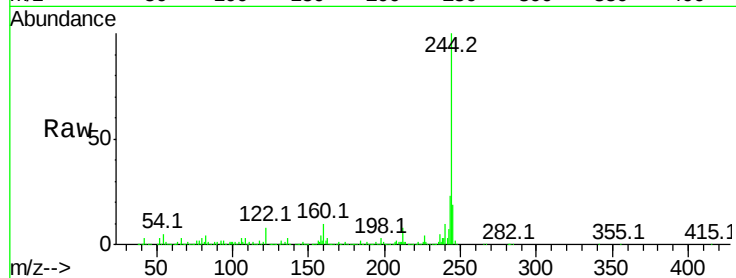


#78
 Terphenyl-d14
 Concen: 97.13 ng
 RT: 19.82 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3500737

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	8.4	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.68 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: BM009915.D
 Acq: 05 May 2017 22:52

Tgt Ion:264 Resp: 678671

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	22.5	17.3	25.9

