

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009955.D
 Acq On : 06 May 2017 23:51
 Operator : SJ/MA
 Sample : I2992-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:44:50 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	7.77	152	69778	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	301516	20.00	ng	-0.01
38) Acenaphthene-d10	14.42	164	187861	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	484290	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	687127	20.00	ng	-0.02
86) Perylene-d12	23.67	264	580011	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	282847	64.53	ng	0.00
7) Phenol-d6	6.96	99	266139	39.61	ng	-0.01
23) Nitrobenzene-d5	8.95	82	780143	93.63	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	301819	117.63	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1412650	97.97	ng	-0.01
78) Terphenyl-d14	19.80	244	2617402	78.14	ng	-0.01

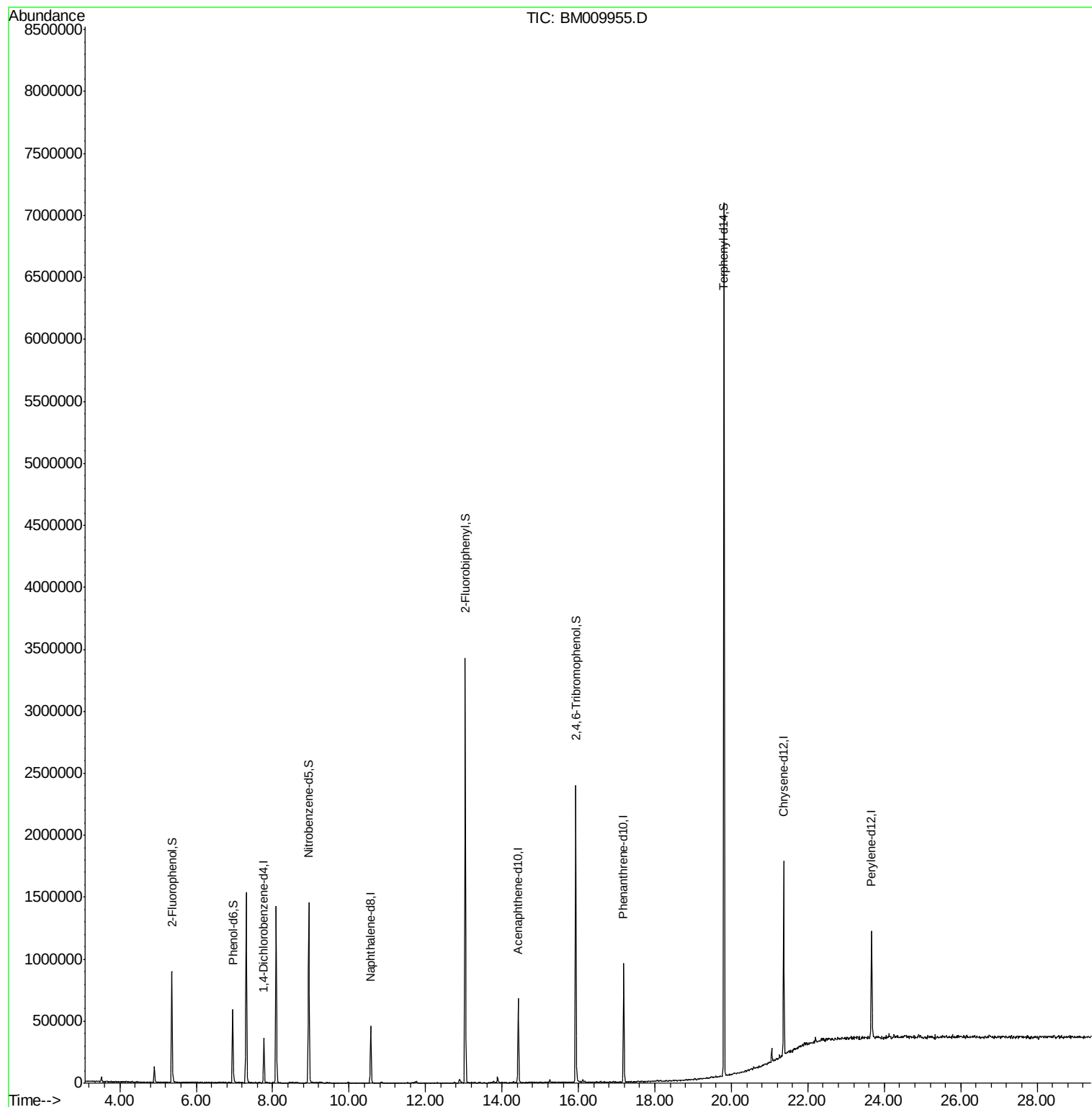
Target Compounds Qvalue

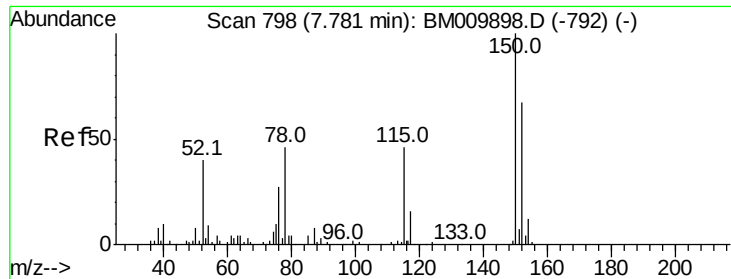
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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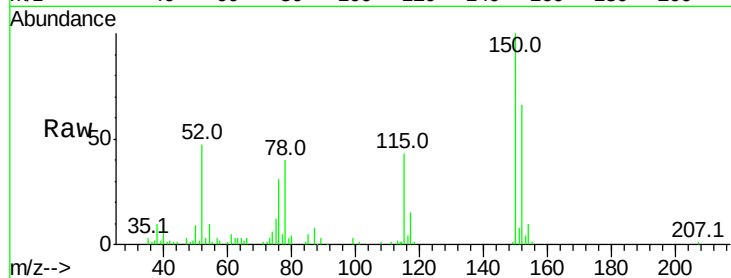


#1

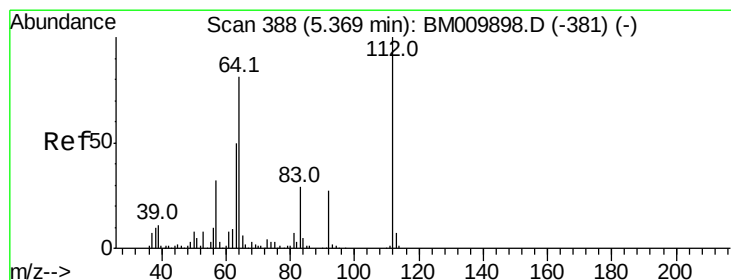
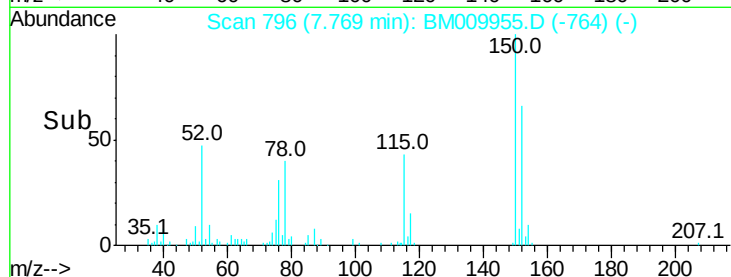
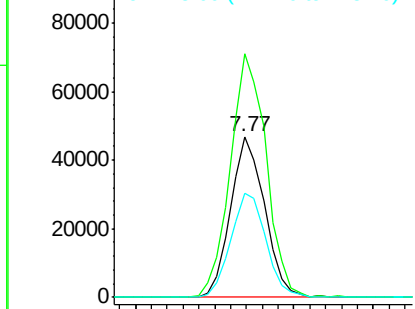
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009955.D
Acq: 06 May 2017 23:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 69778
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 64.7 43.0 64.4#



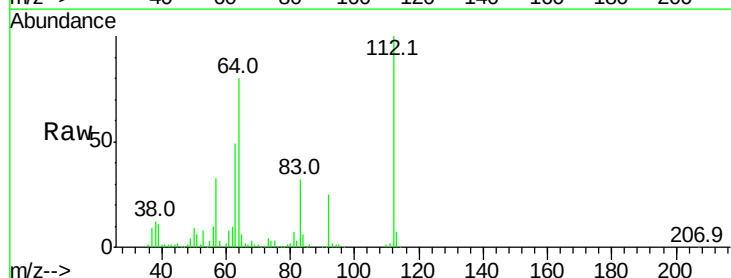
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



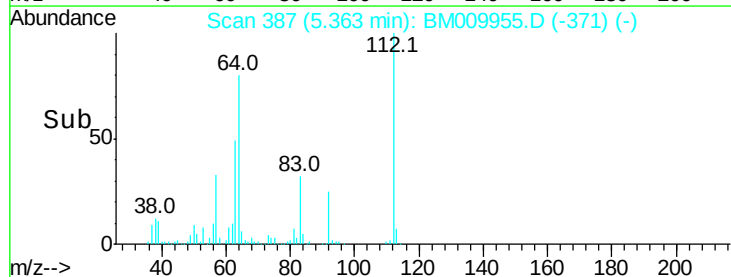
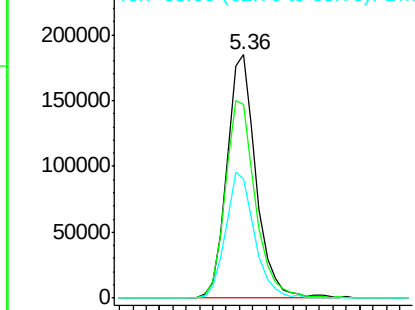
#5

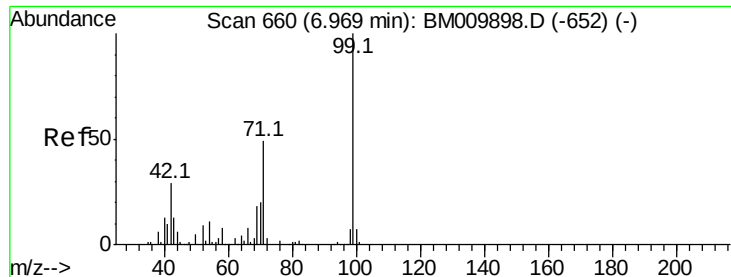
2-Fluorophenol
Concen: 64.53 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009955.D
Acq: 06 May 2017 23:51

Tgt Ion:112 Resp: 282847
Ion Ratio Lower Upper
112 100
64 79.7 38.6 57.8#
63 49.0 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: 39.61 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009955.D

Acq: 06 May 2017 23:51

Instrument :

BNA_M

ClientSampled :

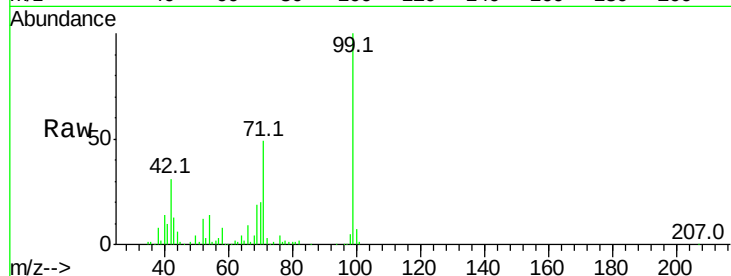
Tot Ion: 99 Resp: 266139

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 49.0 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) (-)

6.96

150000

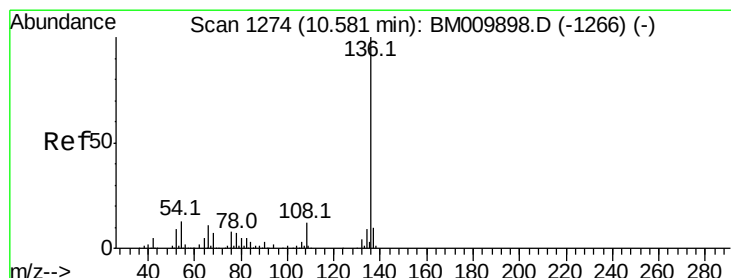
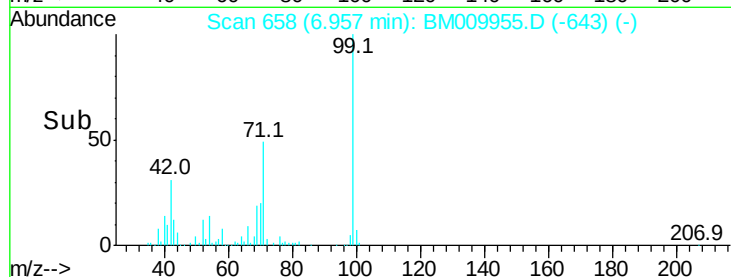
100000

50000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009955.D

Acq: 06 May 2017 23:51

Tgt Ion: 136 Resp: 301516

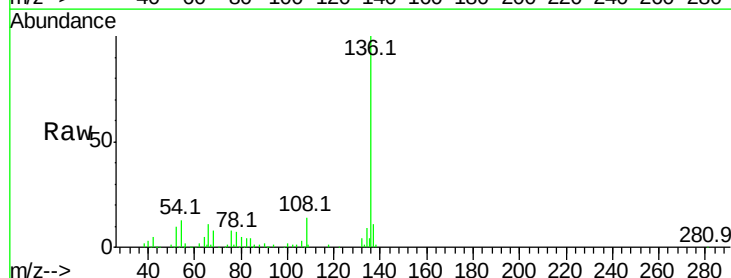
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 13.4 4.6 6.8#

68 7.9 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) (-)

10.57

250000

200000

150000

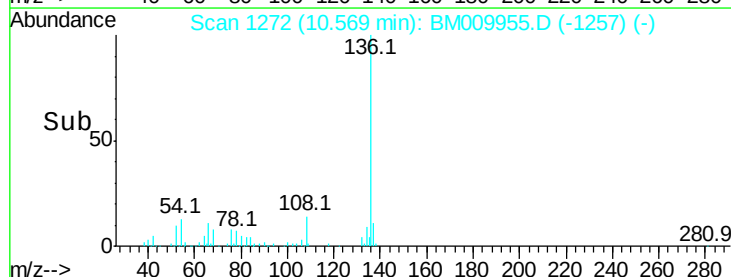
100000

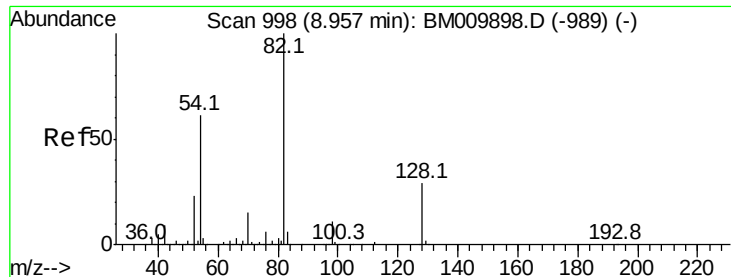
50000

0

10.50 10.55 10.60

Time-->

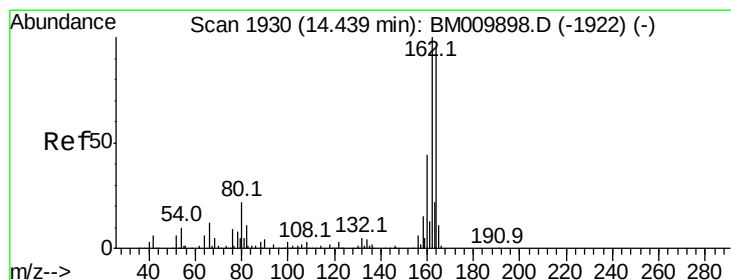
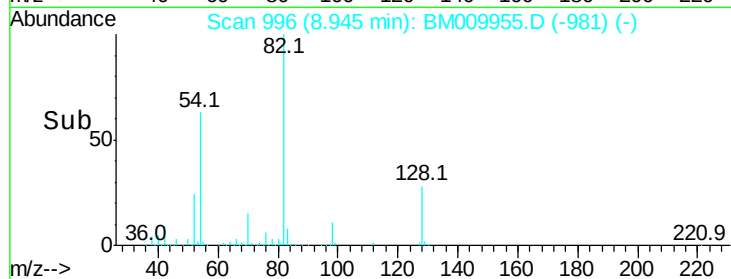
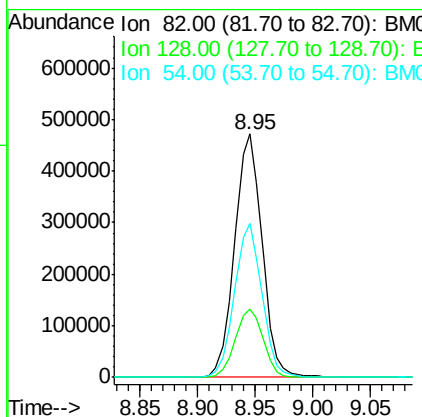
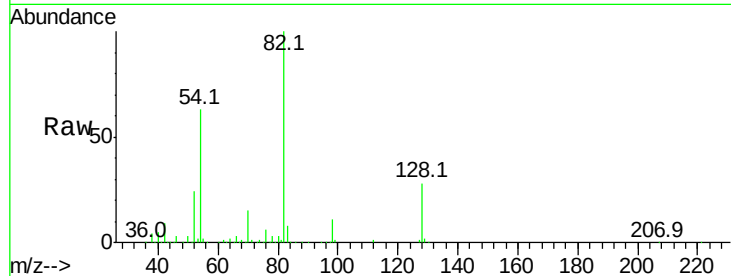




#23
 Nitrobenzene-d5
 Concen: 93.63 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009955.D
 Acq: 06 May 2017 23:51

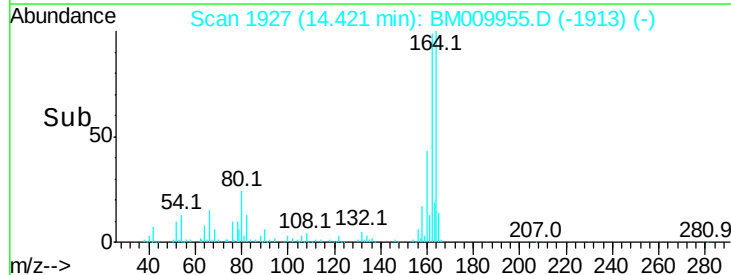
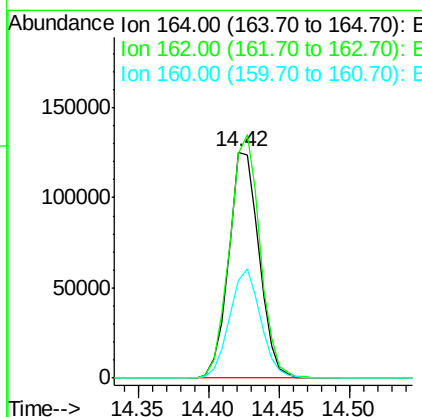
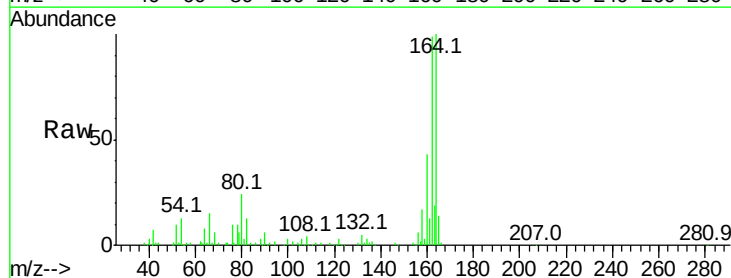
Instrument :
 BNA_M
 ClientSampleId :

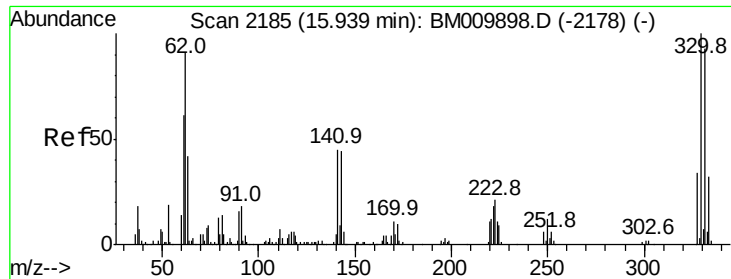
Tot Ion	82	Resp	780143
Ion Ratio	100	Lower	Upper
128	28.0	32.8	49.2#
54	63.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009955.D
 Acq: 06 May 2017 23:51

Tgt Ion	164	Resp	187861
Ion Ratio	100	Lower	Upper
162	99.3	82.4	123.6
160	43.3	35.8	53.6

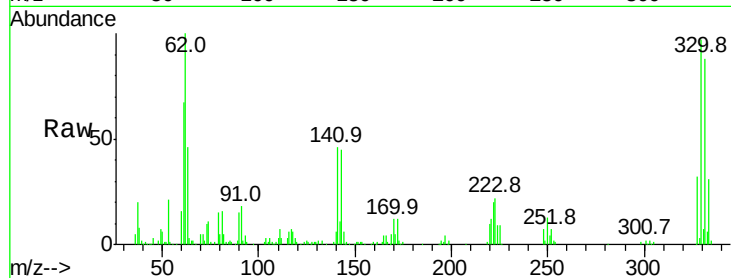




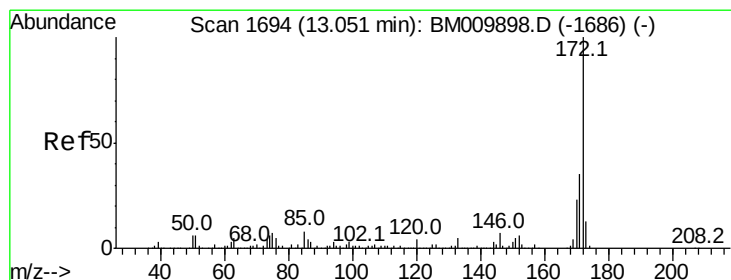
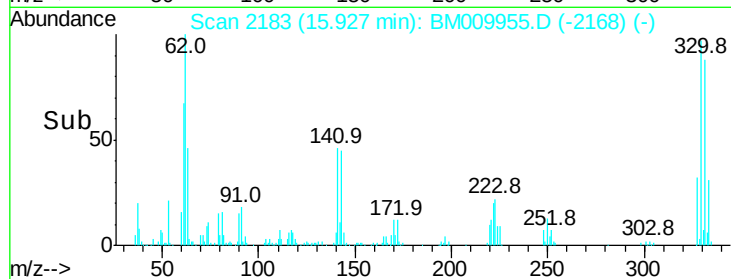
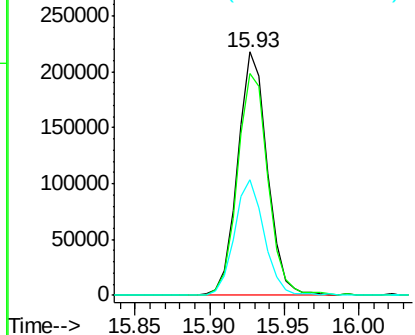
#41
 2,4,6-Tribromophenol
 Concen: 117.63 ng
 RT: 15.93 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM009955.D
 Acq: 06 May 2017 23:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 301819
 Ion Ratio Lower Upper
 330 100
 332 93.7 0.0 0.0#
 141 47.7 0.0 0.0#

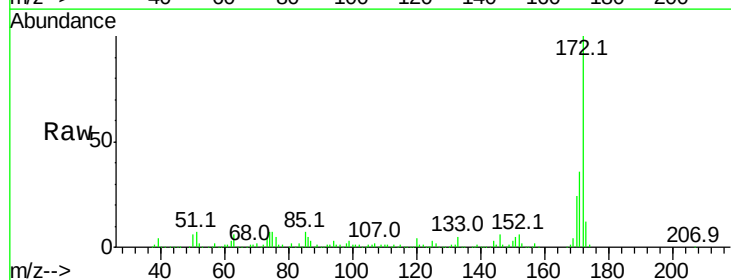


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

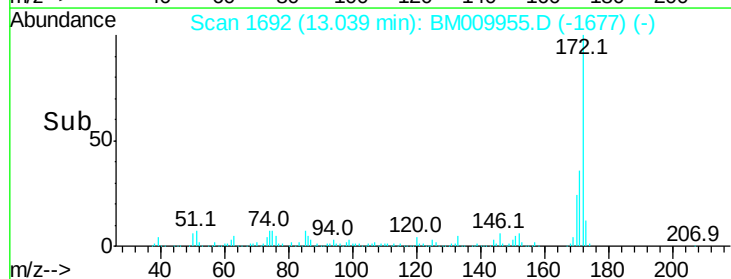
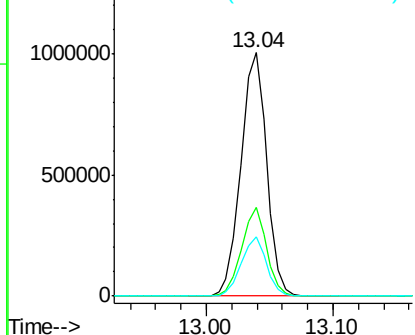


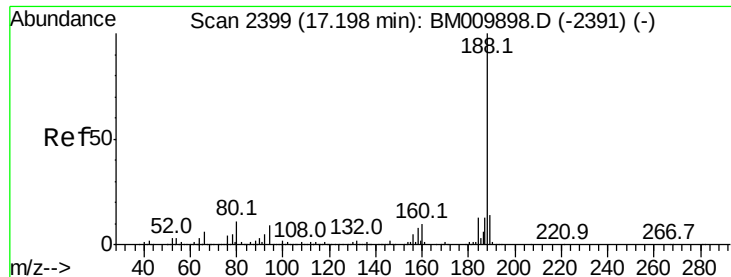
#44
 2-Fluorobiphenyl
 Concen: 97.97 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009955.D
 Acq: 06 May 2017 23:51

Tgt Ion:172 Resp: 1412650
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.3 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

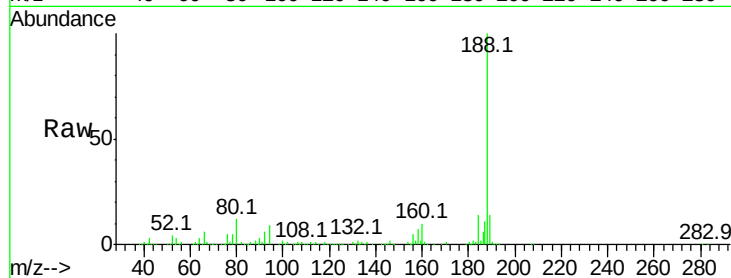




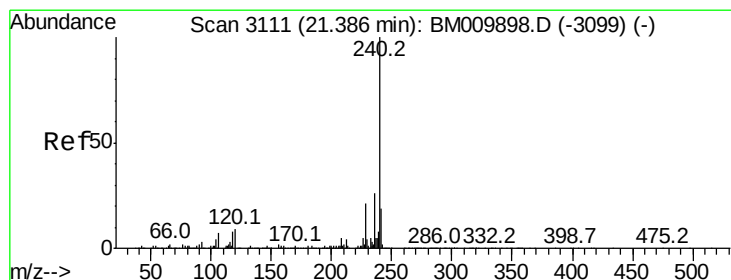
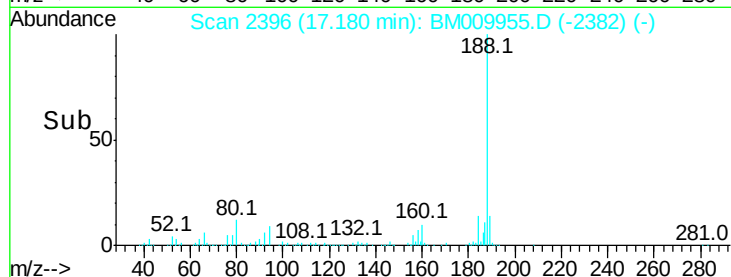
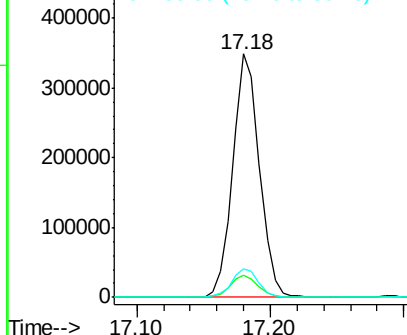
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009955.D
Acq: 06 May 2017 23:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 484290
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 11.5 9.3 13.9

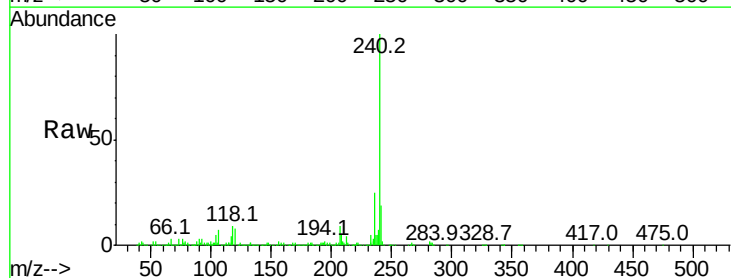


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

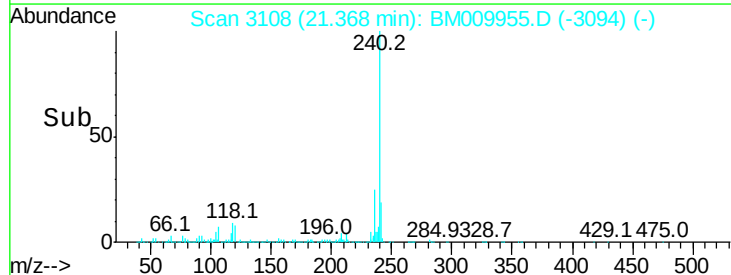
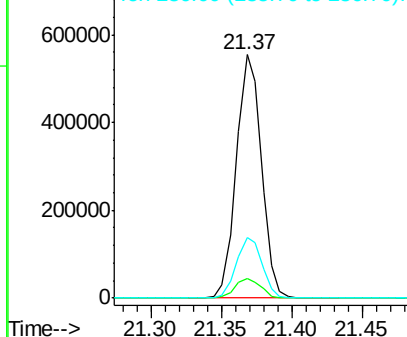


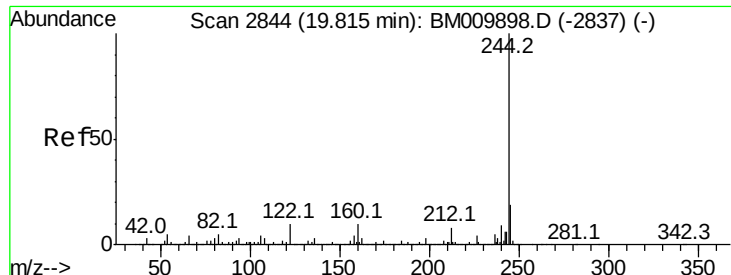
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009955.D
Acq: 06 May 2017 23:51

Tgt Ion:240 Resp: 687127
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 24.7 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: 78.14 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009955.D

Acq: 06 May 2017 23:51

Instrument :

BNA_M

ClientSampleId :

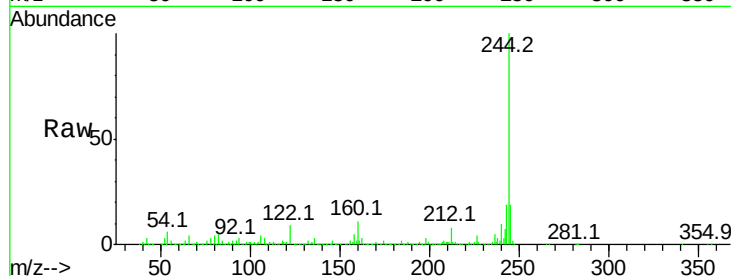
Tot Ion:244 Resp: 2617402

Ion Ratio Lower Upper

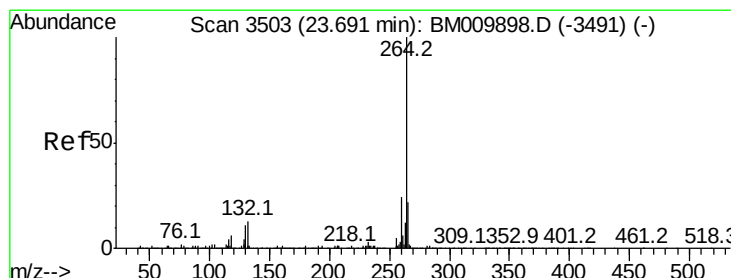
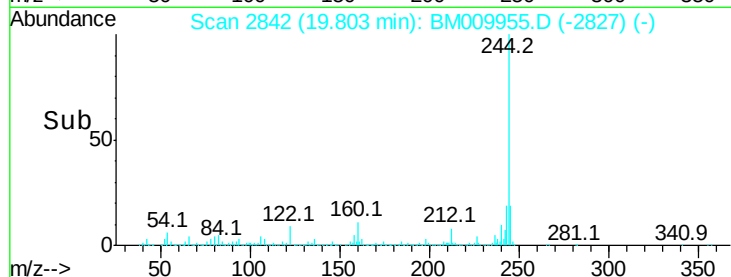
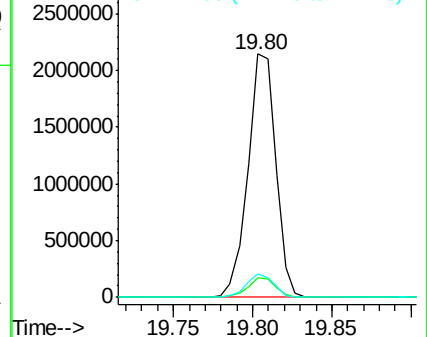
244 100

212 8.2 4.9 7.3#

122 9.5 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: 23.67 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM009955.D

Acq: 06 May 2017 23:51

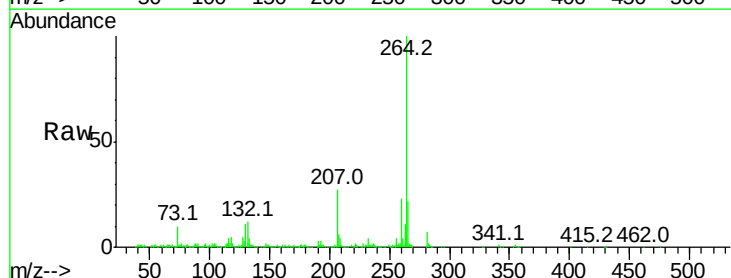
Tgt Ion:264 Resp: 580011

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.8 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

