

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009943.D
 Acq On : 06 May 2017 16:02
 Operator : SJ/MA
 Sample : I2980-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:42:07 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	87459	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	323875	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	193861	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	444812	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	479846	20.00	ng	-0.01
86) Perylene-d12	23.67	264	409379	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	172339	31.37	ng	0.00
7) Phenol-d6	6.96	99	157815	18.74	ng	0.00
23) Nitrobenzene-d5	8.95	82	791039	88.39	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	175494	66.28	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1351875	90.86	ng	-0.01
78) Terphenyl-d14	19.81	244	1951784	83.44	ng	0.00

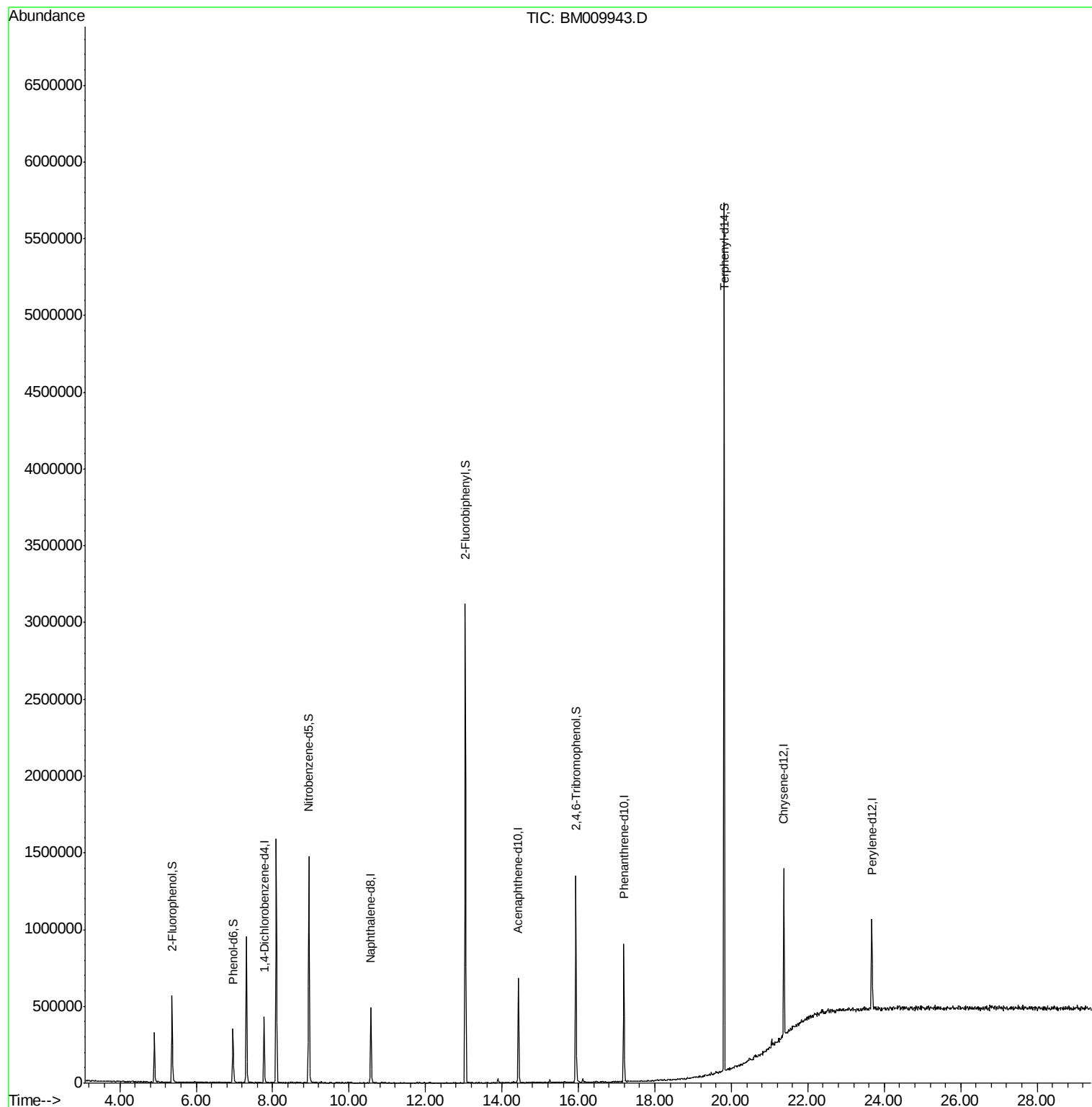
Target Compounds Qvalue

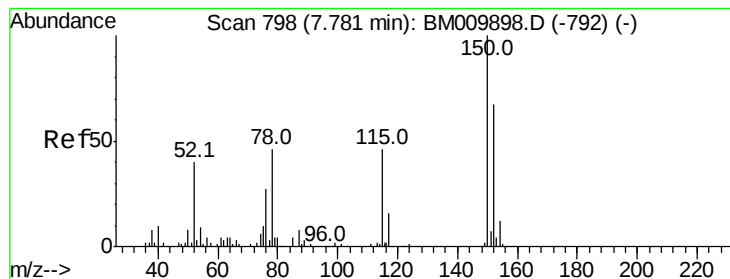
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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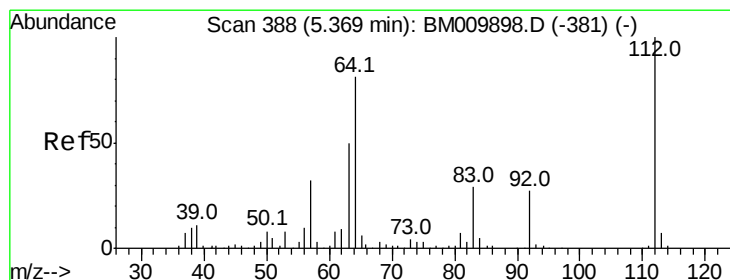
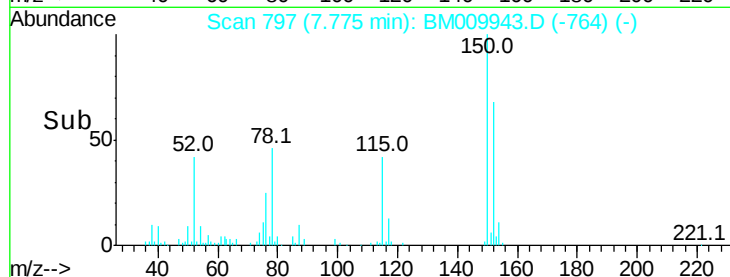
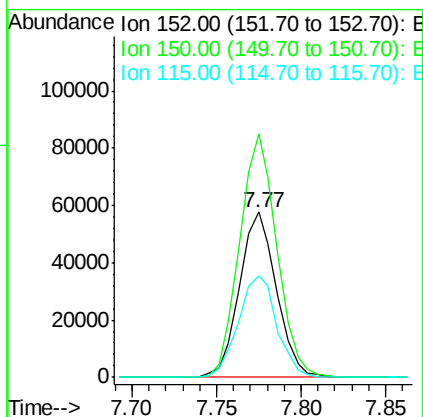
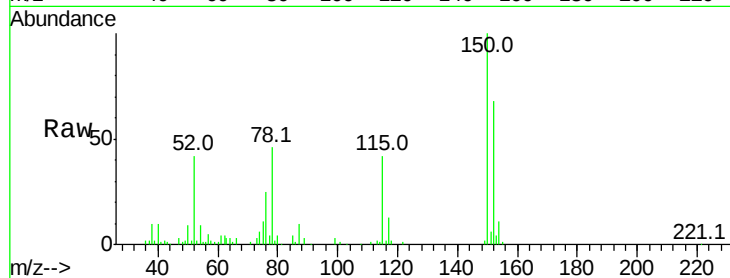


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009943.D
Acq: 06 May 2017 16:02

Instrument :
BNA_M
ClientSampled :

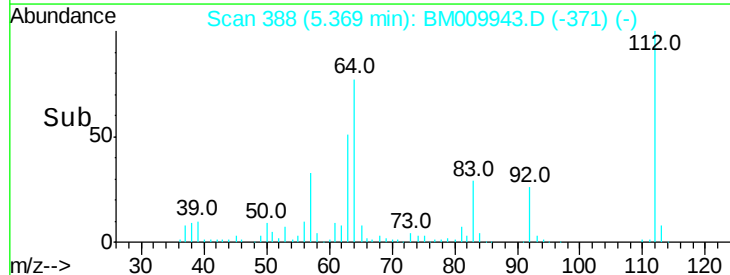
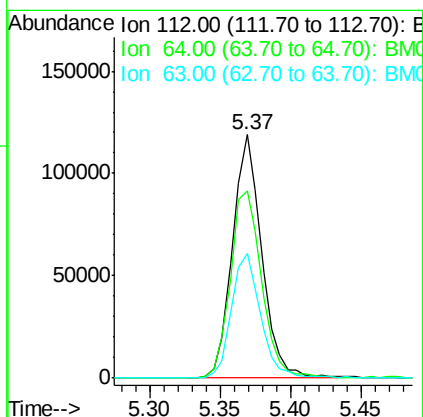
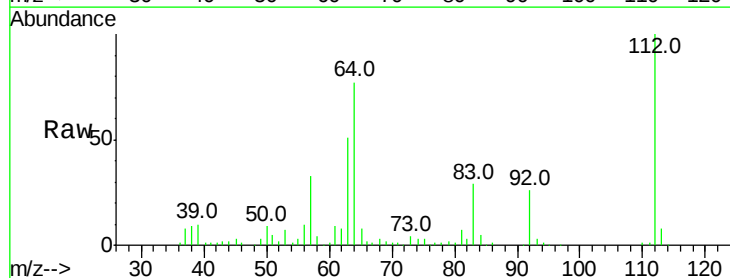
Tot Ion:152 Resp: 87459
Ion Ratio Lower Upper
152 100
150 147.1 119.5 179.3
115 61.2 43.0 64.4

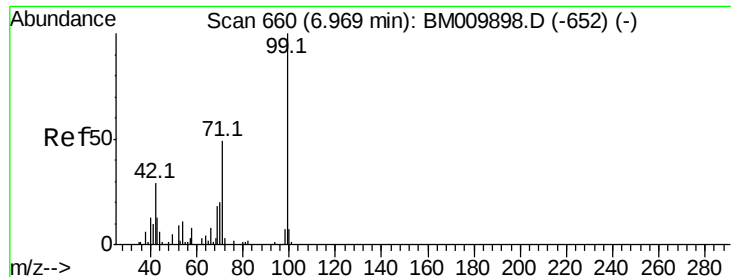


#5

2-Fluorophenol
Concen: 31.37 ng
RT: 5.37 min Scan# 388
Delta R.T. -0.00 min
Lab File: BM009943.D
Acq: 06 May 2017 16:02

Tgt Ion:112 Resp: 172339
Ion Ratio Lower Upper
112 100
64 76.7 38.6 57.8#
63 51.2 19.3 28.9#





#7

Phenol-d6

Concen: 18.74 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009943.D

Acq: 06 May 2017 16:02

Instrument :

BNA_M

ClientSampleId :

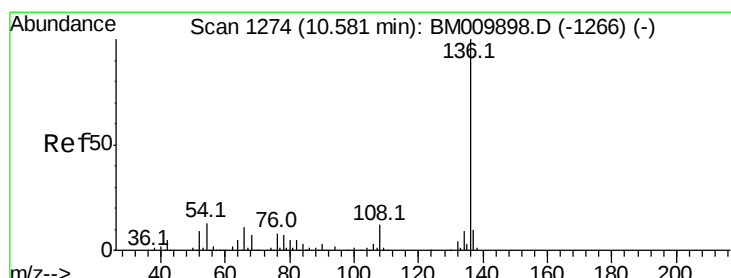
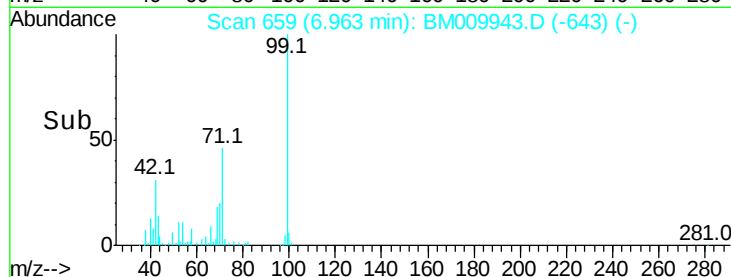
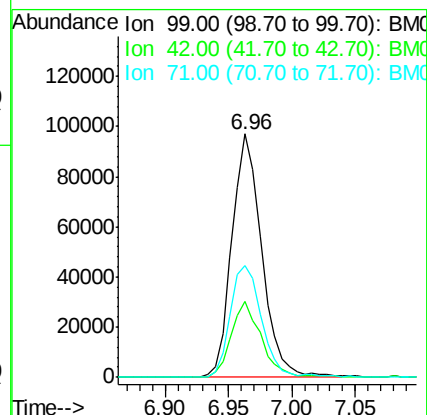
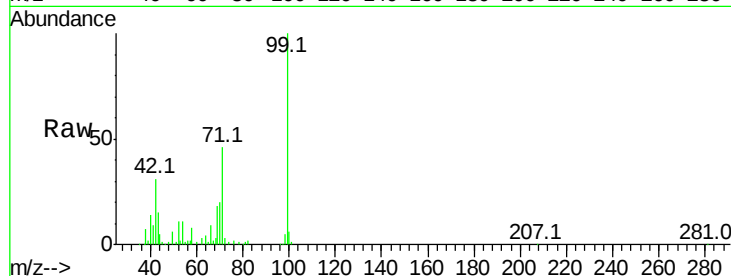
Tot Ion: 99 Resp: 157815

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 46.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009943.D

Acq: 06 May 2017 16:02

Tgt Ion: 136 Resp: 323875

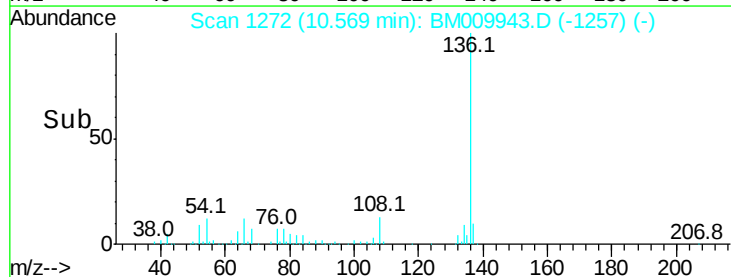
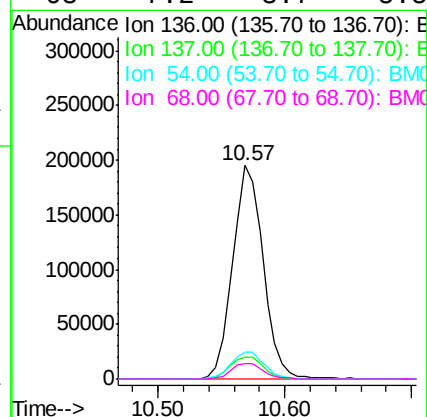
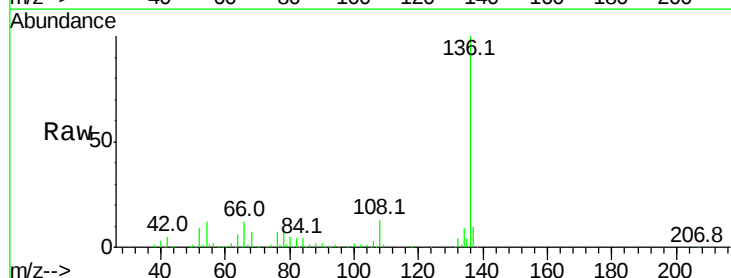
Ion Ratio Lower Upper

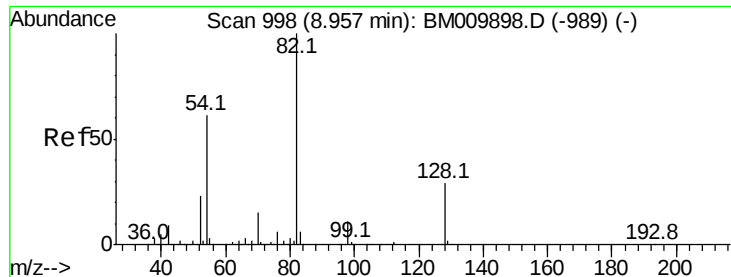
136 100

137 10.5 8.7 13.1

54 12.5 4.6 6.8#

68 7.2 3.7 5.5#

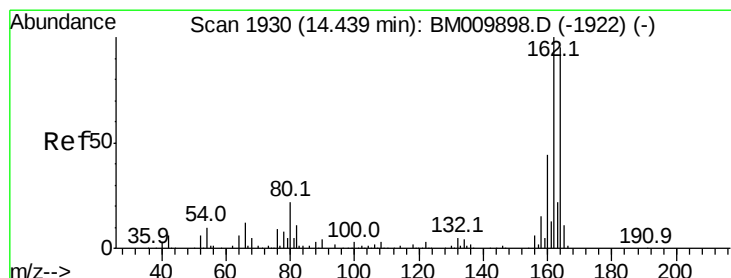
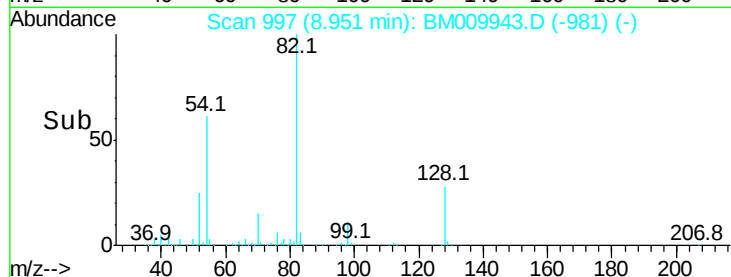
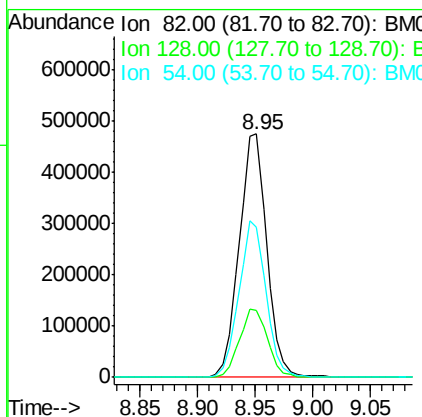
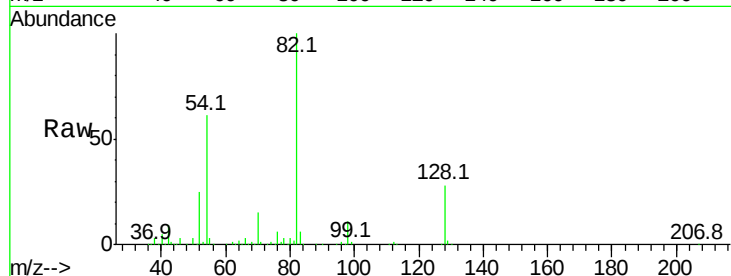




#23
 Nitrobenzene-d5
 Concen: 88.39 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009943.D
 Acq: 06 May 2017 16:02

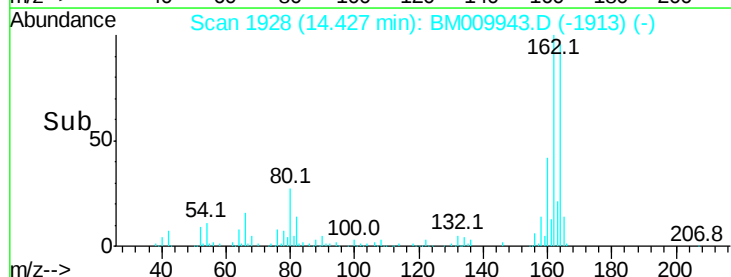
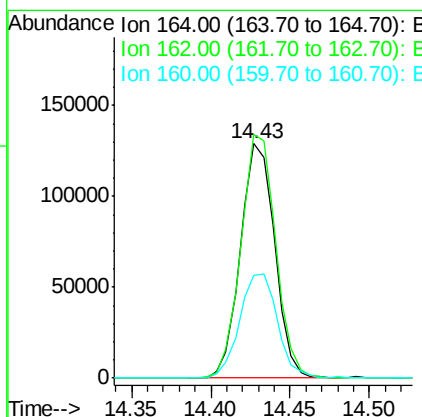
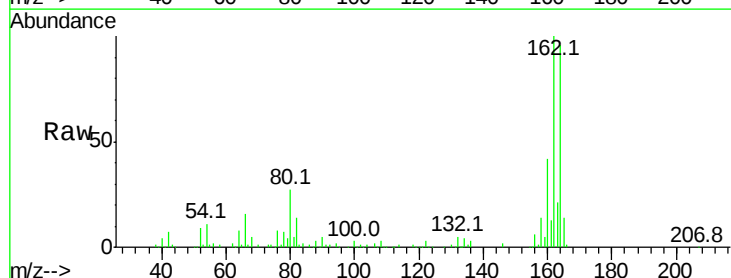
Instrument :
 BNA_M
 ClientSampleId :

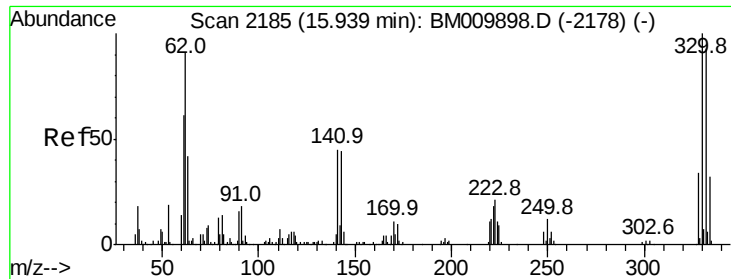
Tot Ion	82	Resp	791039
Ion Ratio	Lower	Upper	
82	100		
128	27.7	32.8	49.2#
54	61.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009943.D
 Acq: 06 May 2017 16:02

Tgt Ion	164	Resp	193861
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.4	123.6
160	44.1	35.8	53.6

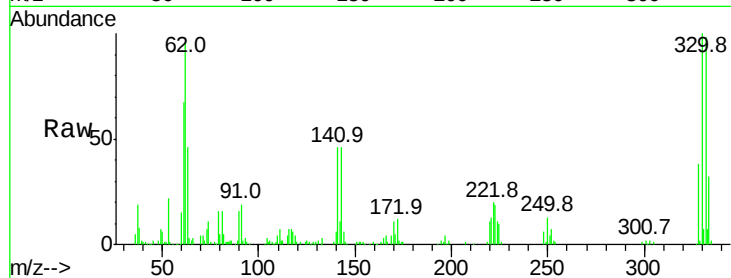




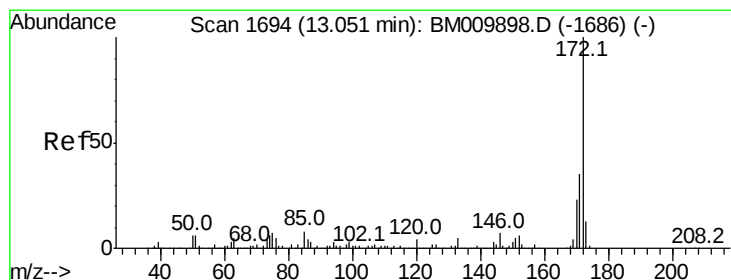
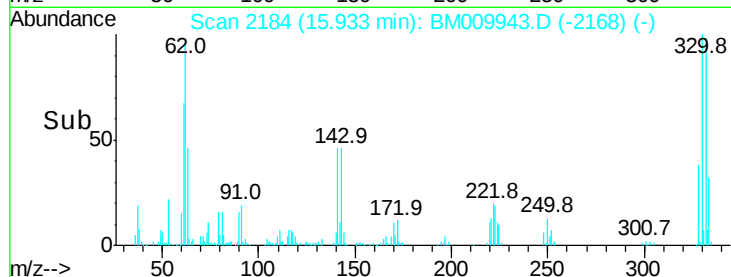
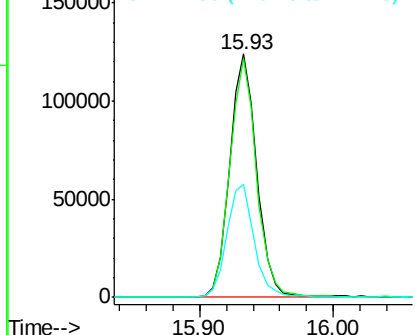
#41
 2,4,6-Tribromophenol
 Concen: 66.28 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009943.D
 Acq: 06 May 2017 16:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 175494
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 47.3 0.0 0.0#

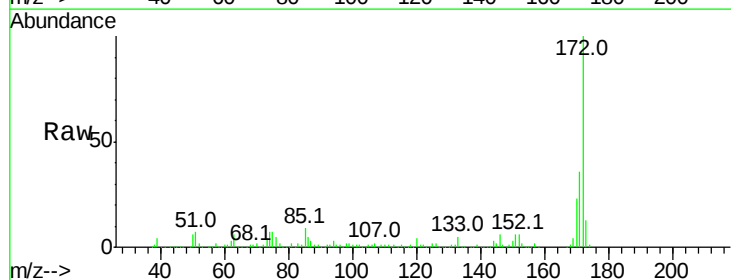


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

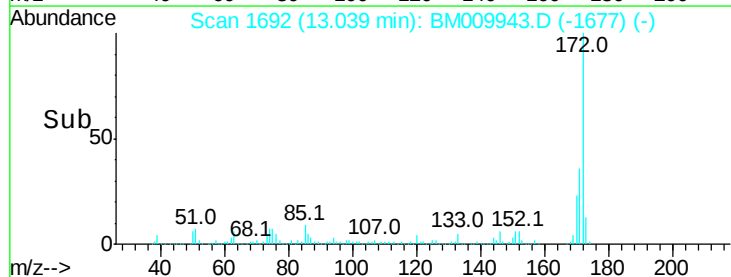
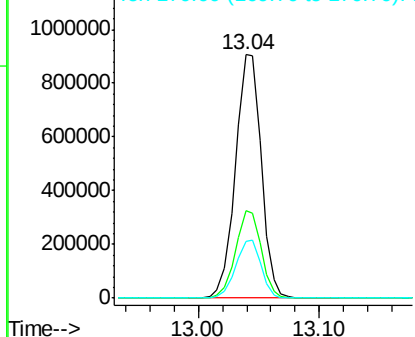


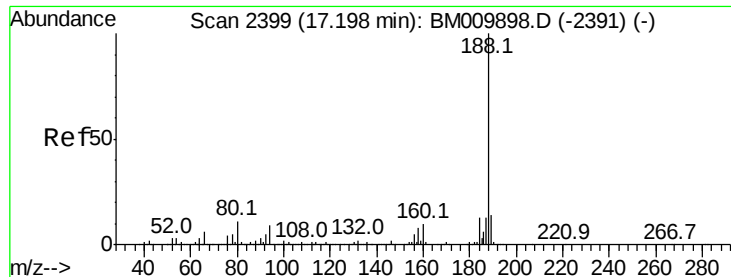
#44
 2-Fluorobiphenyl
 Concen: 90.86 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009943.D
 Acq: 06 May 2017 16:02

Tgt Ion:172 Resp: 1351875
 Ion Ratio Lower Upper
 172 100
 171 35.7 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: 17.19 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM009943.D

Acq: 06 May 2017 16:02

Instrument :

BNA_M

ClientSampleId :

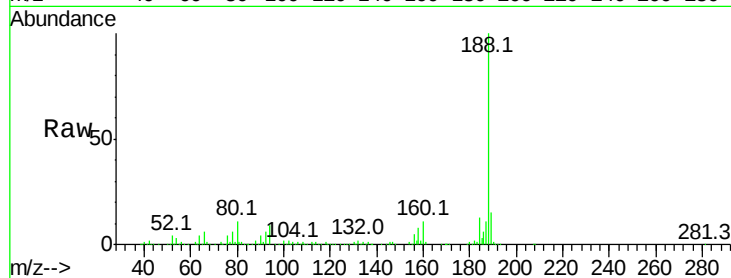
Tot Ion:188 Resp: 444812

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

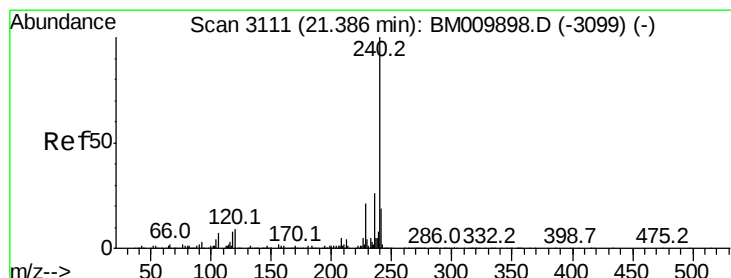
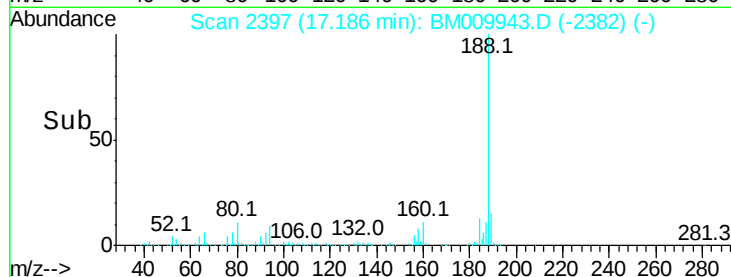
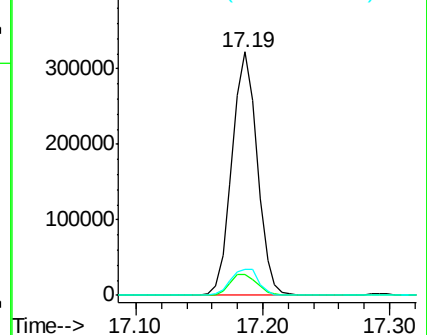
80 10.8 9.3 13.9



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: BM009943.D

Acq: 06 May 2017 16:02

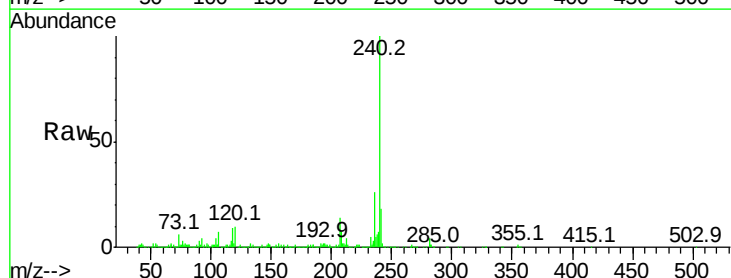
Tgt Ion:240 Resp: 479846

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

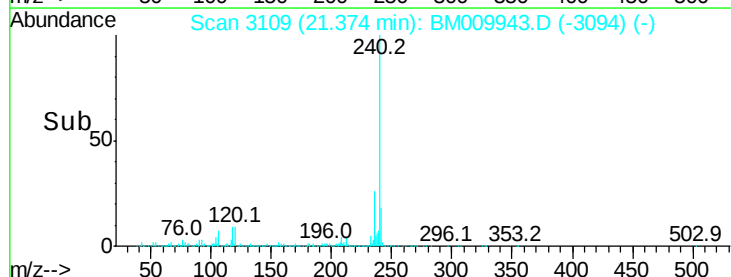
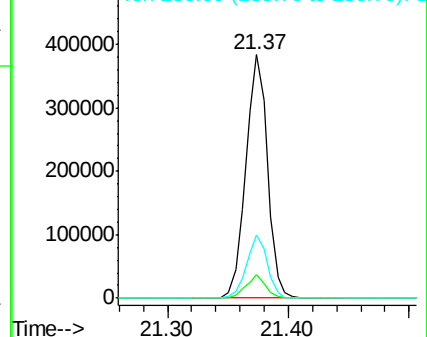
236 25.8 20.0 30.0

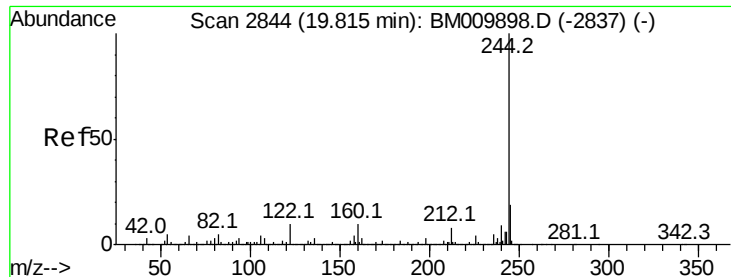


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.44 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009943.D

Acq: 06 May 2017 16:02

Instrument :

BNA_M

ClientSampleId :

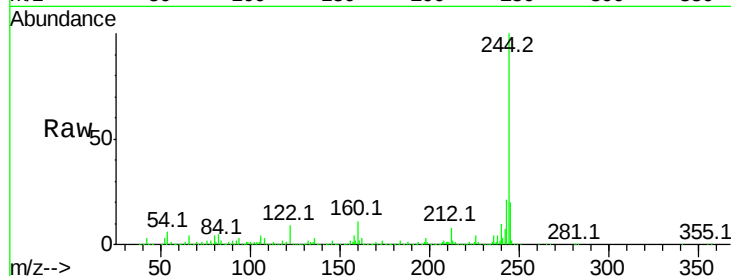
Tot Ion:244 Resp: 1951784

Ion Ratio Lower Upper

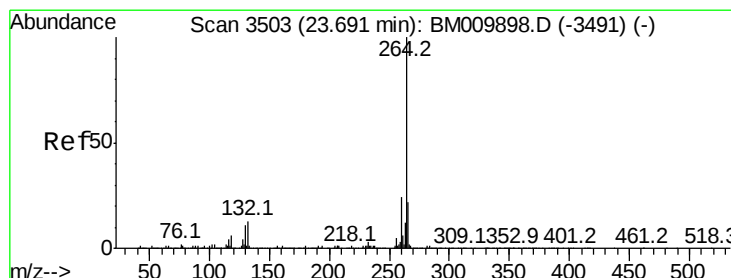
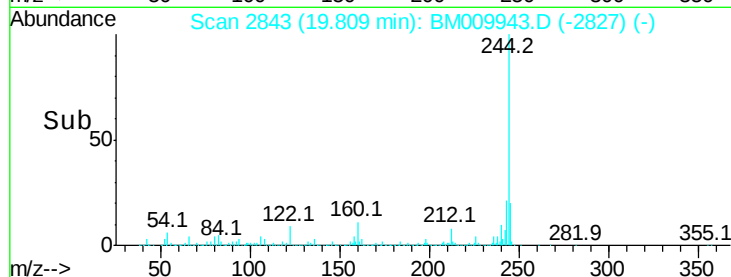
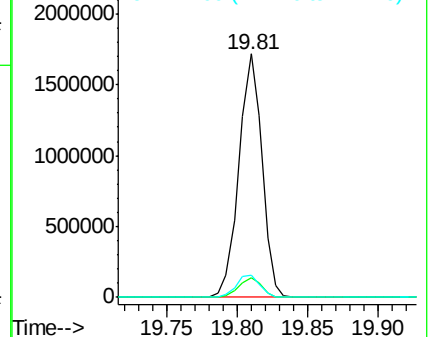
244 100

212 7.8 4.9 7.3#

122 9.3 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# 3500

Delta R.T. -0.02 min

Lab File: BM009943.D

Acq: 06 May 2017 16:02

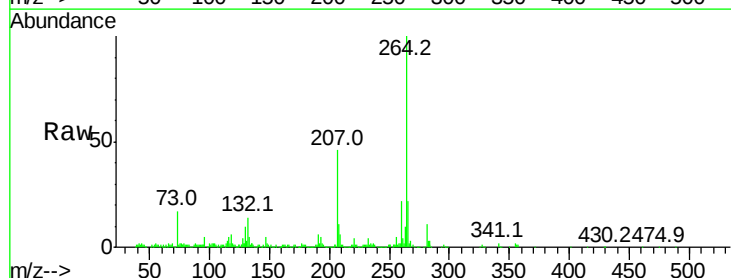
Tgt Ion:264 Resp: 409379

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

265 22.0 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

