

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009934.D
 Acq On : 06 May 2017 10:37
 Operator : SJ/MA
 Sample : PB98726BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:40:16 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	76019	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	312408	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	198026	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	505683	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	666571	20.00	ng	-0.01
86) Perylene-d12	23.68	264	599071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	753182	157.74	ng	0.00
7) Phenol-d6	6.96	99	1073791	146.71	ng	0.00
23) Nitrobenzene-d5	8.95	82	783552	90.76	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	404519	149.57	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1385006	91.13	ng	0.00
78) Terphenyl-d14	19.81	244	2704044	83.22	ng	0.00

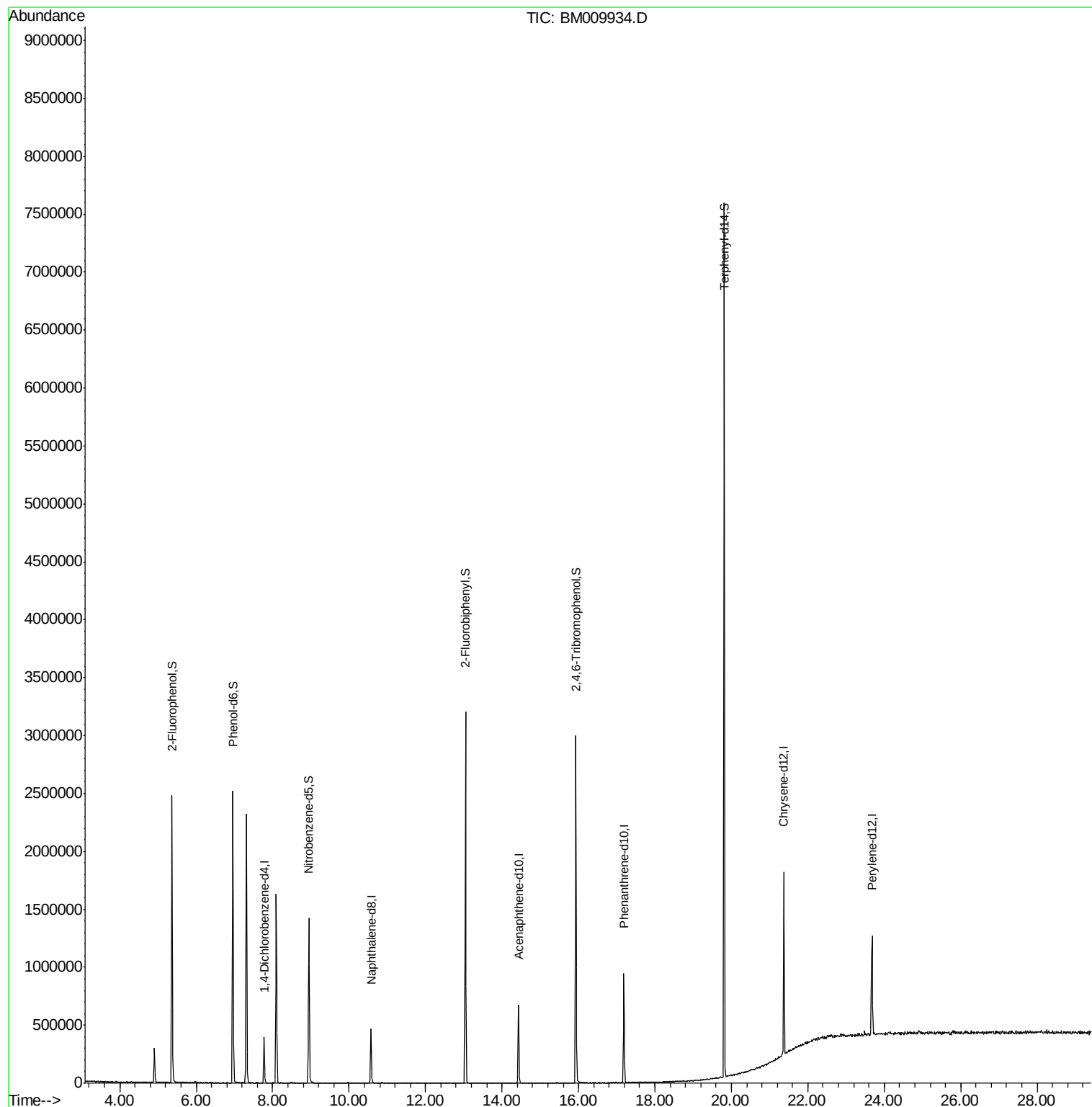
Target Compounds Qvalue

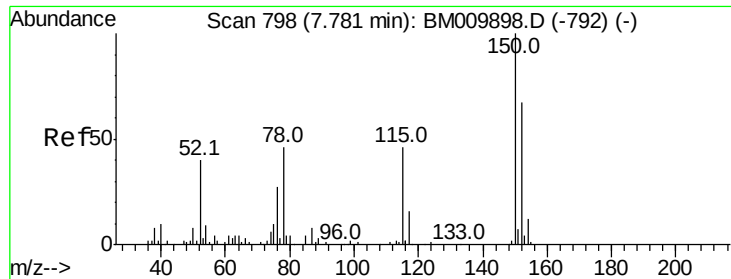
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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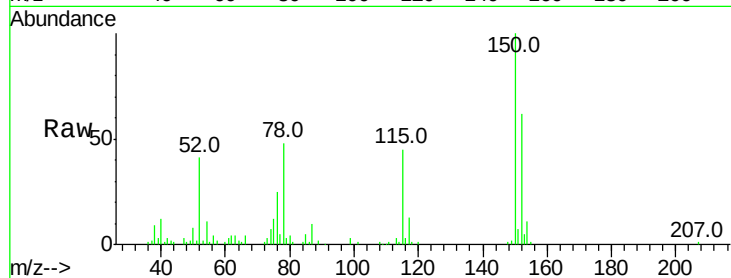


#1

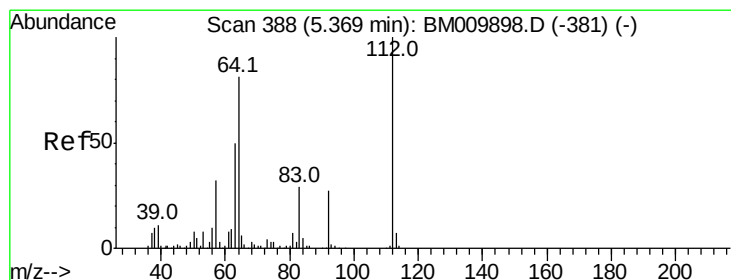
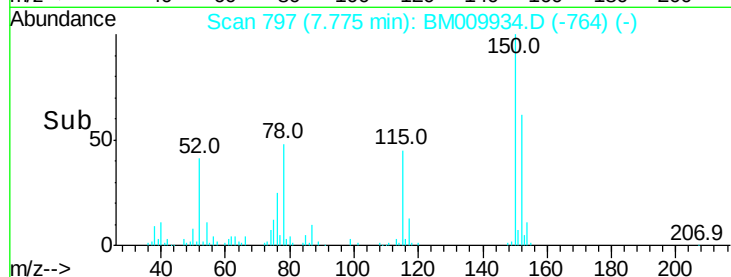
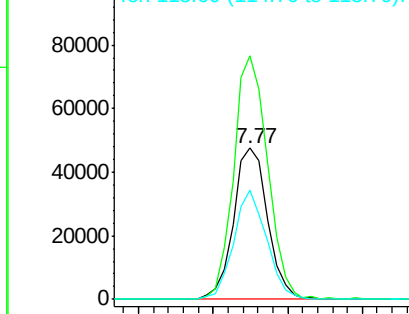
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009934.D
Acq: 06 May 2017 10:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 76019
Ion Ratio Lower Upper
152 100
150 161.1 119.5 179.3
115 72.1 43.0 64.4#



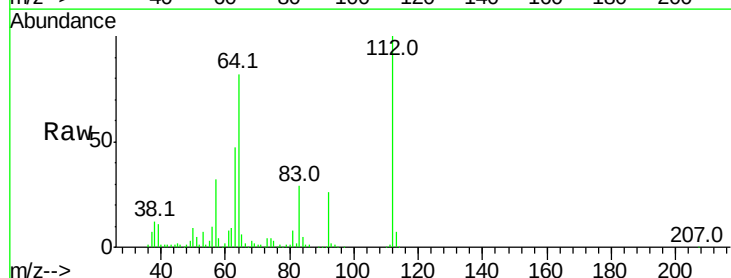
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



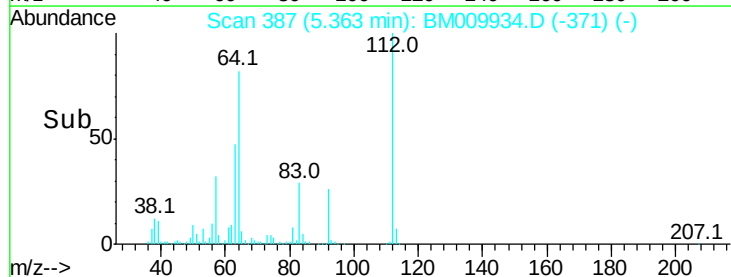
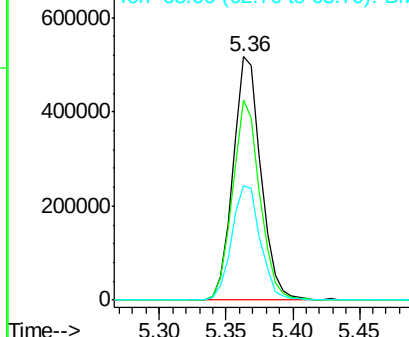
#5

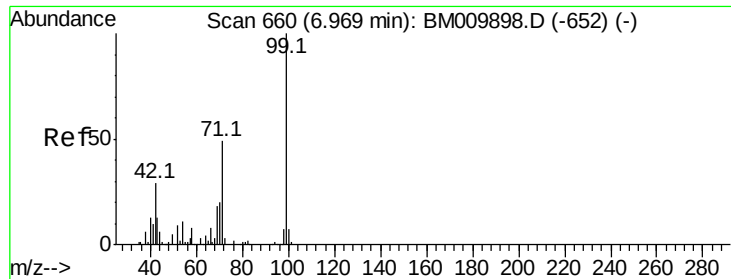
2-Fluorophenol
Concen: 157.74 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009934.D
Acq: 06 May 2017 10:37

Tgt Ion:112 Resp: 753182
Ion Ratio Lower Upper
112 100
64 82.1 38.6 57.8#
63 47.2 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: 146.71 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009934.D

Acq: 06 May 2017 10:37

Instrument :

BNA_M

ClientSampleId :

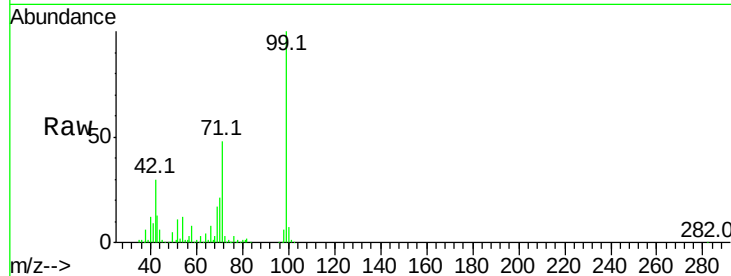
Tot Ion: 99 Resp: 1073791

Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

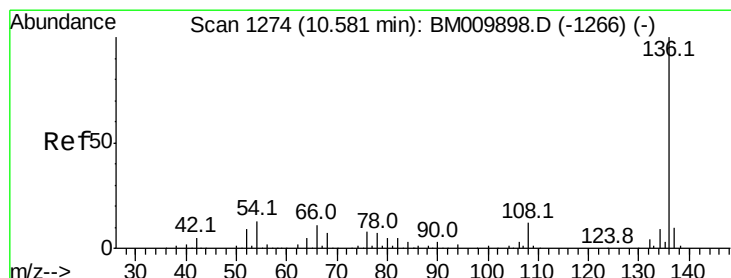
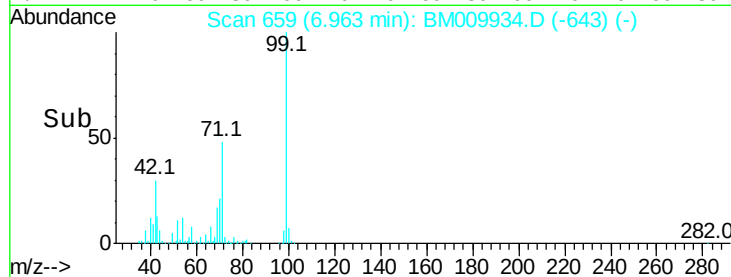
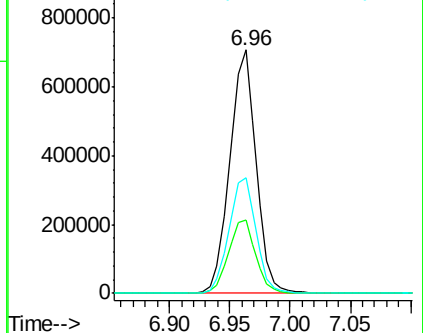
71 47.7 23.4 35.2#



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: BM009934.D

Acq: 06 May 2017 10:37

Tgt Ion: 136 Resp: 312408

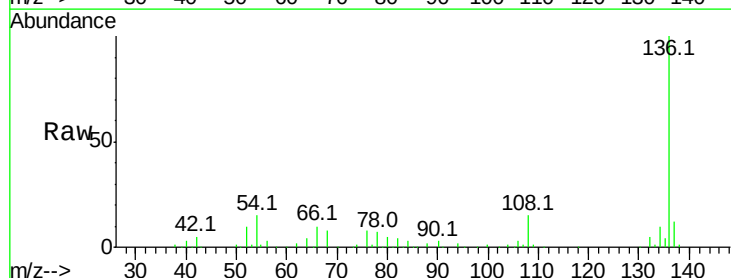
Ion Ratio Lower Upper

136 100

137 12.5 8.7 13.1

54 14.6 4.6 6.8#

68 8.1 3.7 5.5#

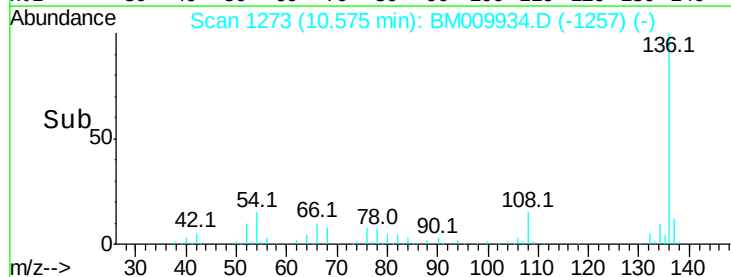
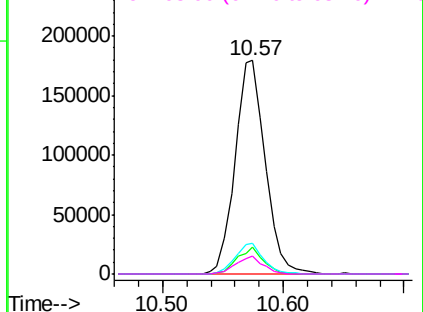


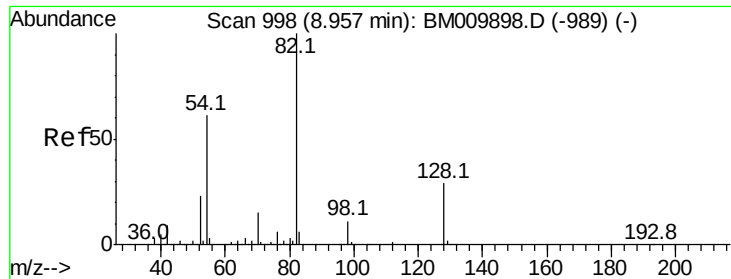
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

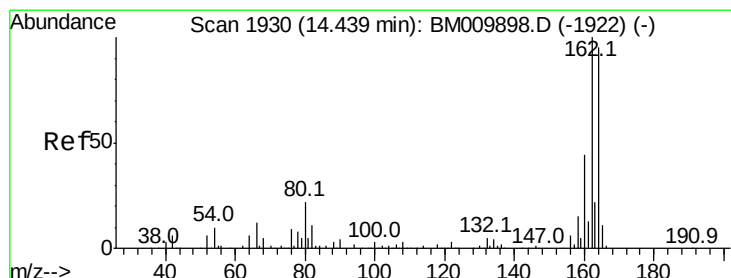
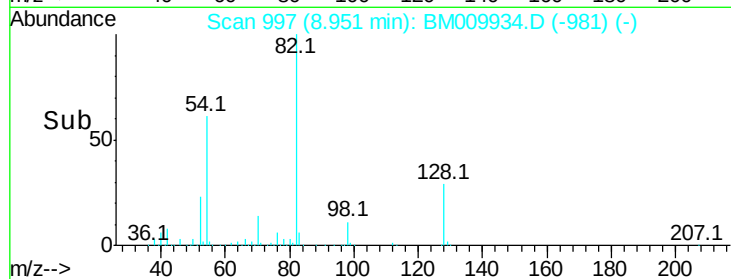
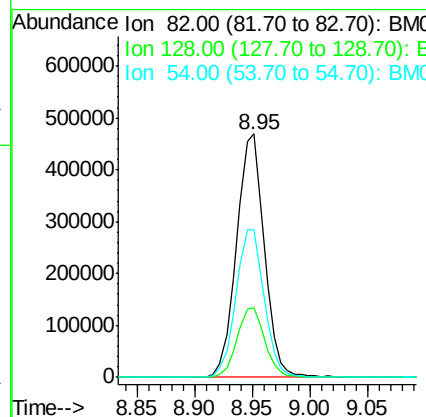
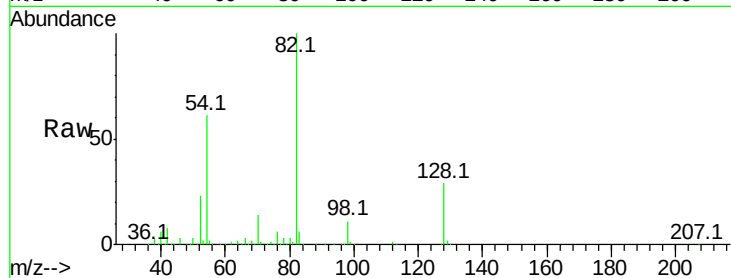




#23
 Nitrobenzene-d5
 Concen: 90.76 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009934.D
 Acq: 06 May 2017 10:37

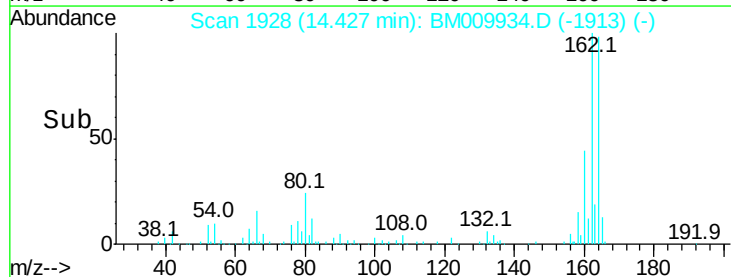
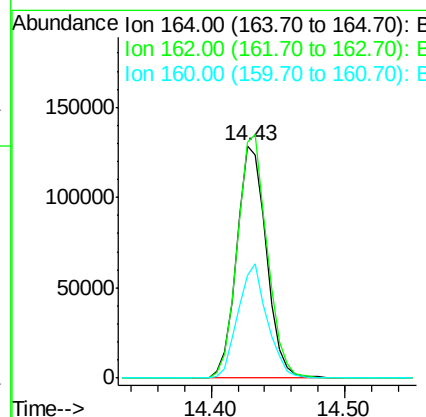
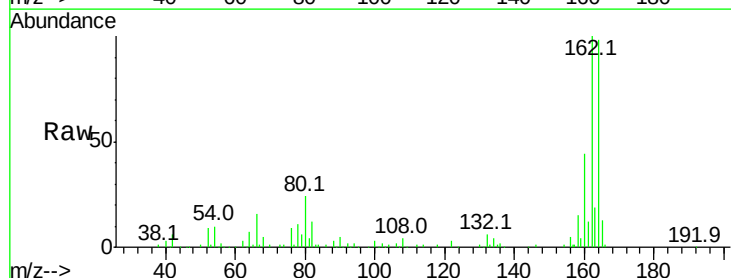
Instrument :
 BNA_M
 ClientSampled :

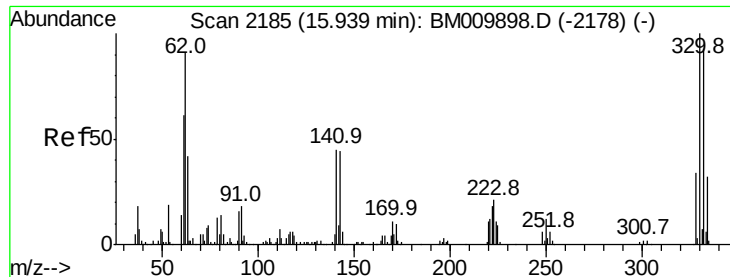
Tot Ion: 82 Resp: 783552
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 60.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009934.D
 Acq: 06 May 2017 10:37

Tgt Ion: 164 Resp: 198026
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.4 123.6
 160 44.5 35.8 53.6

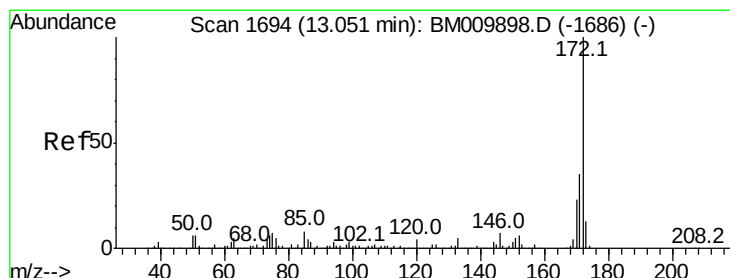
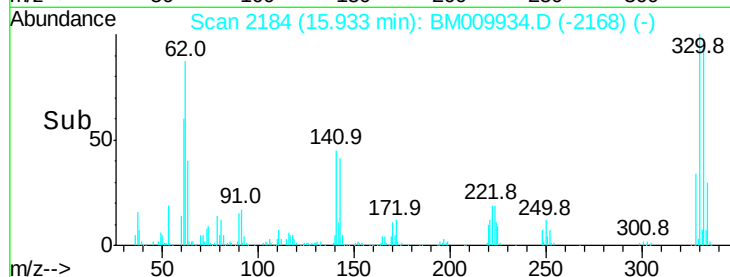
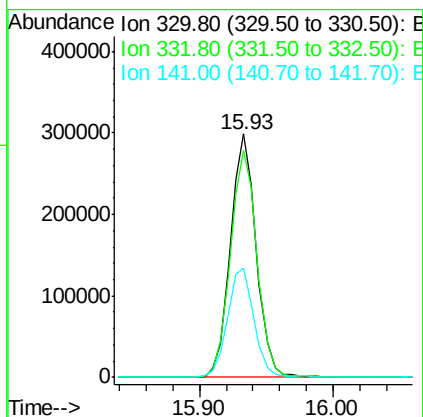
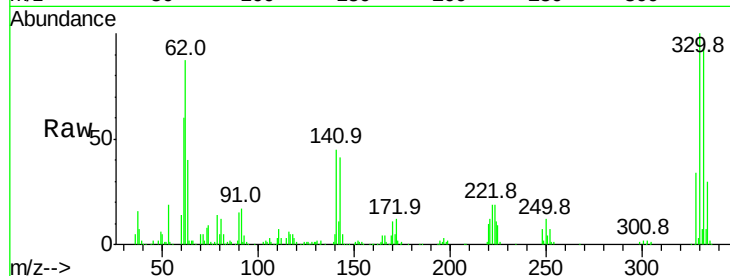




#41
 2,4,6-Tribromophenol
 Concen: 149.57 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009934.D
 Acq: 06 May 2017 10:37

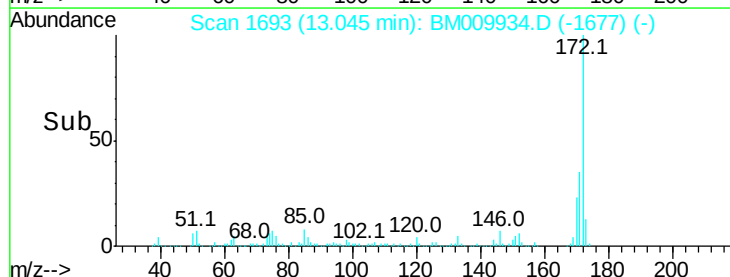
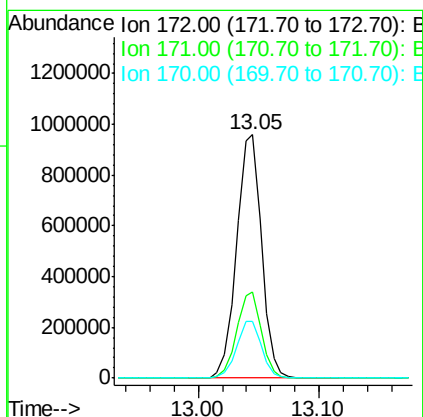
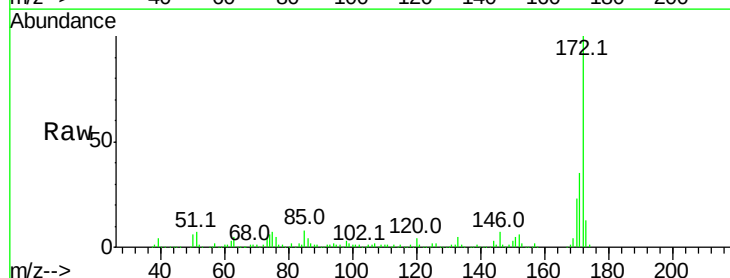
Instrument :
 BNA_M
 ClientSampleId :

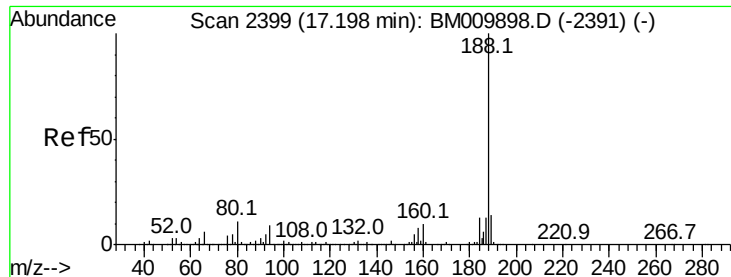
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	46.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 91.13 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009934.D
 Acq: 06 May 2017 10:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.1	18.8	28.2

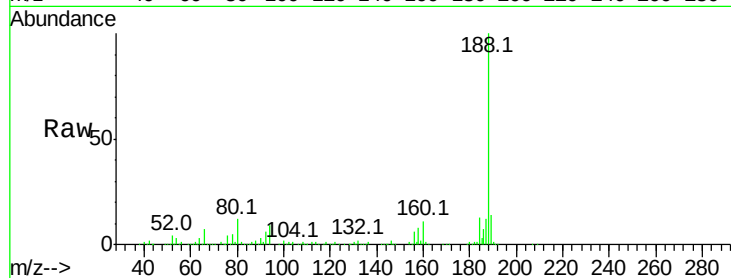




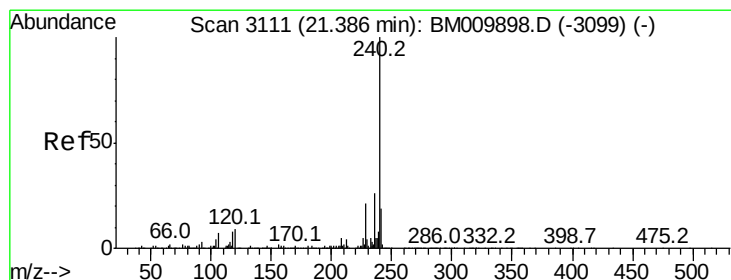
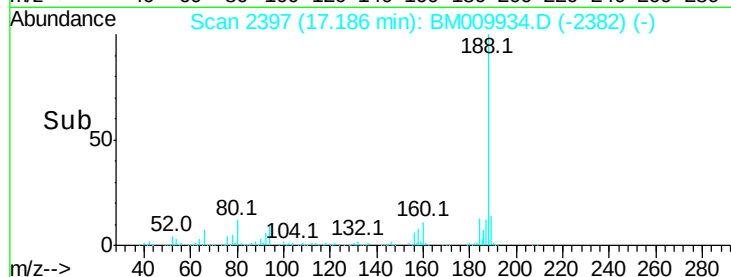
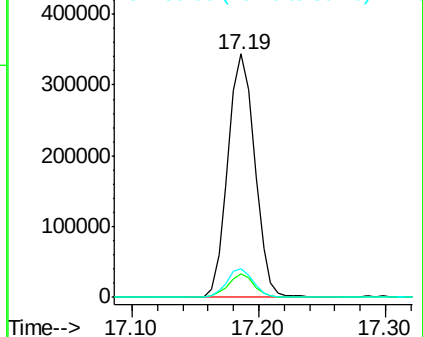
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009934.D
Acq: 06 May 2017 10:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	11.9	9.3	13.9

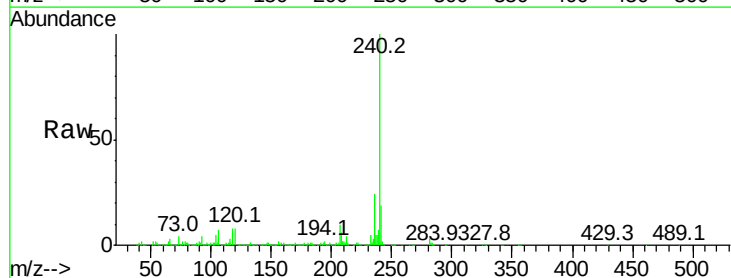


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

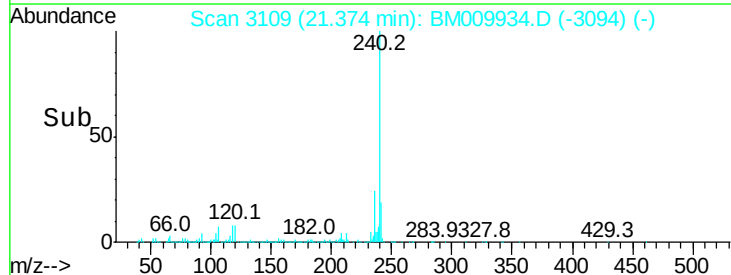
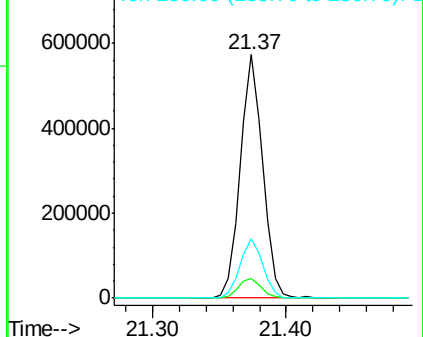


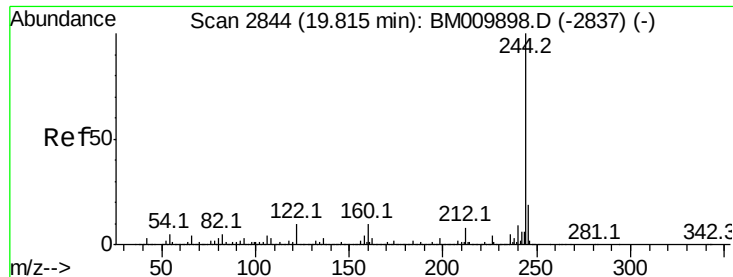
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009934.D
Acq: 06 May 2017 10:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	24.2	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: 83.22 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009934.D

Acq: 06 May 2017 10:37

Instrument :

BNA_M

ClientSampleId :

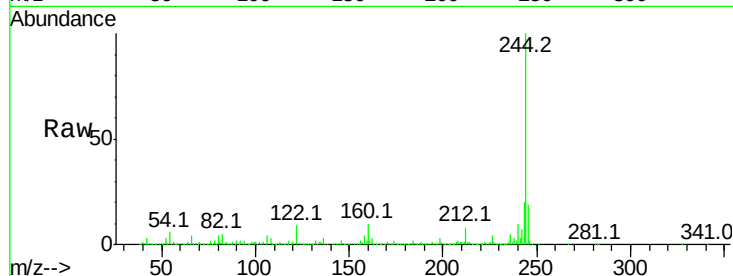
Tot Ion:244 Resp: 2704044

Ion Ratio Lower Upper

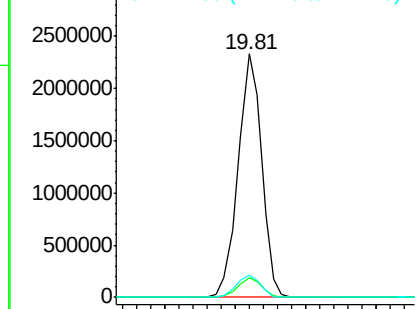
244 100

212 8.0 4.9 7.3#

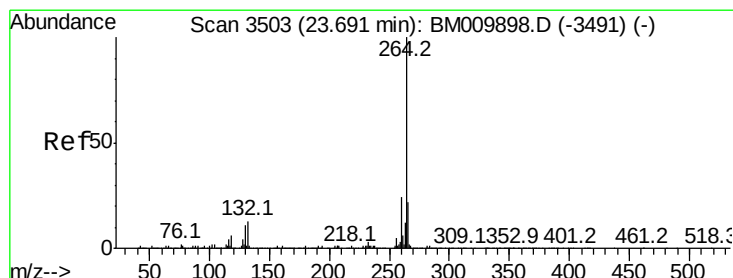
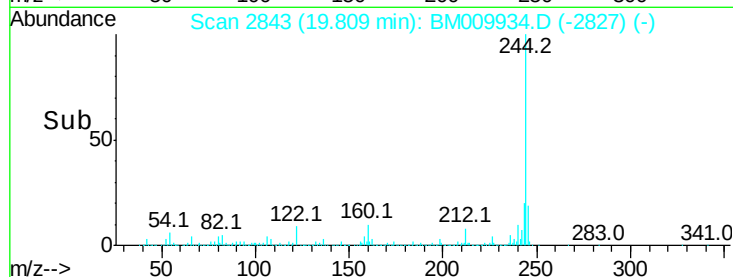
122 9.3 6.2 9.4



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



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.68 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM009934.D

Acq: 06 May 2017 10:37

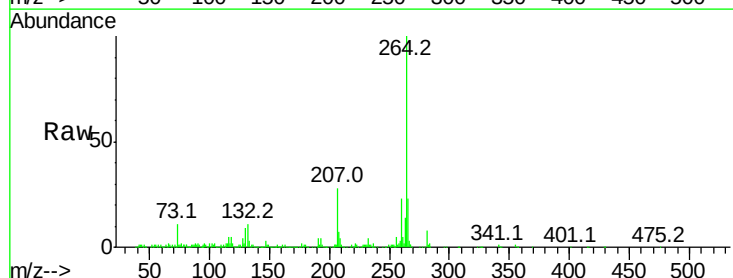
Tgt Ion:264 Resp: 599071

Ion Ratio Lower Upper

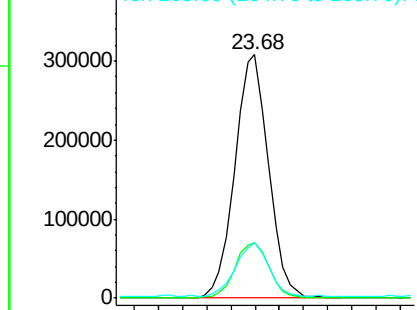
264 100

260 22.8 18.6 27.8

265 22.8 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



Time-->

