

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009978.D
 Acq On : 10 May 2017 20:23
 Operator : SJ/MA
 Sample : PB98840TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98840TB

Quant Time: May 11 09:24:18 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	7.76	152	58263	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	238120	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	138293	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	355145	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	487033	20.00	ng	-0.02
86) Perylene-d12	23.66	264	406838	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	546307	149.28	ng	-0.01
7) Phenol-d6	6.95	99	811469	144.65	ng	-0.02
23) Nitrobenzene-d5	8.94	82	605302	91.99	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	261065	138.22	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	956615	90.13	ng	-0.02
78) Terphenyl-d14	19.80	244	1891842	79.69	ng	-0.01

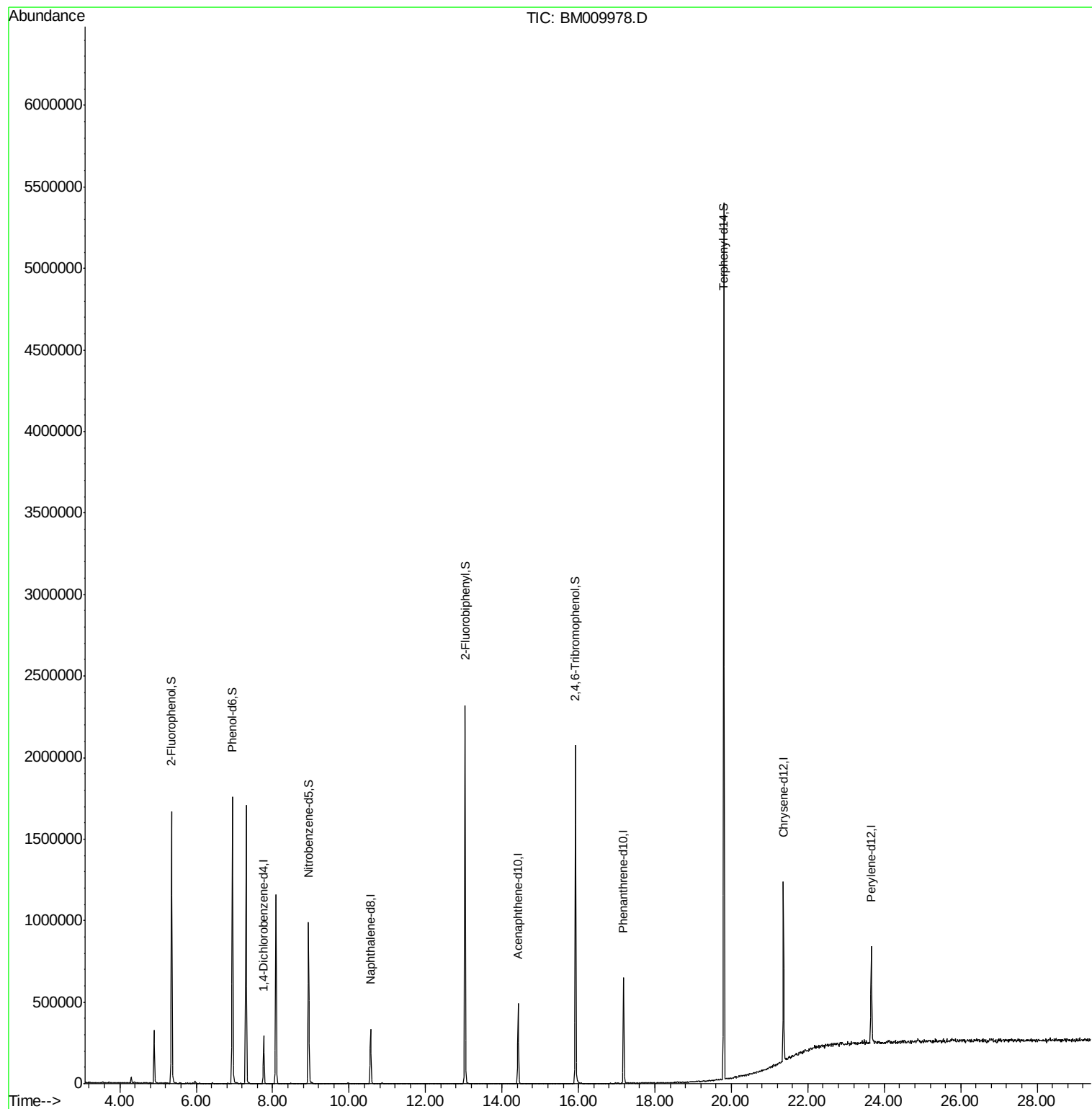
Target Compounds Qvalue

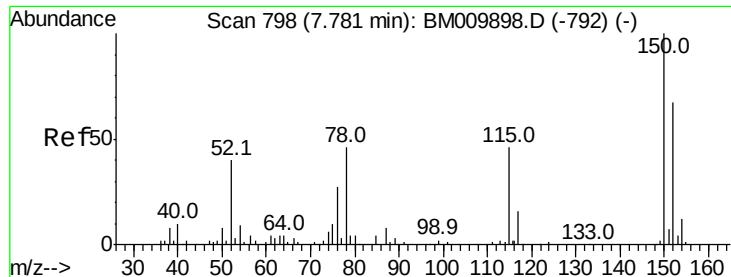
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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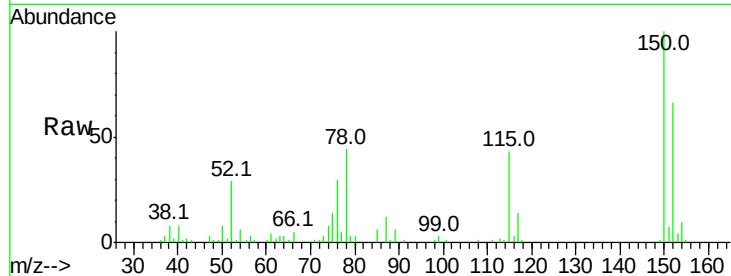


#1

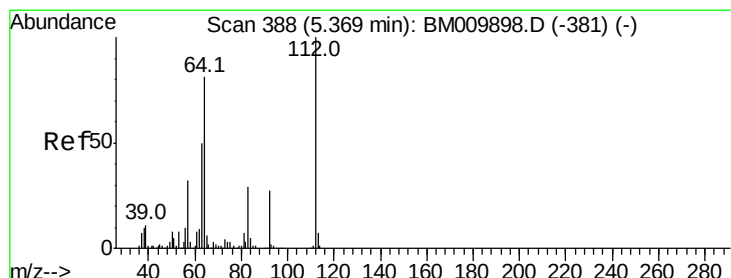
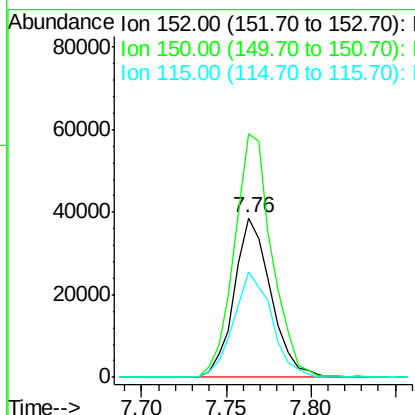
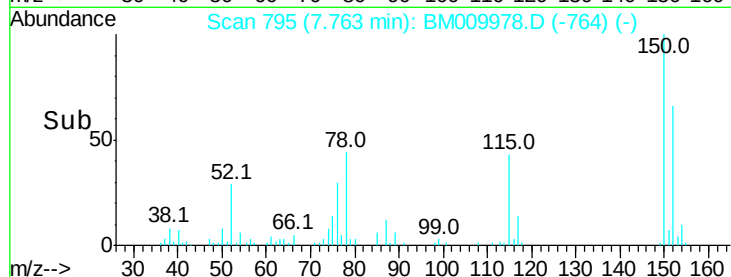
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM009978.D
Acq: 10 May 2017 20:23

Instrument :
BNA_M
ClientSampleId :
PB98840TB

Tot Ion:152 Resp: 58263
Ion Ratio Lower Upper
152 100
150 152.6 119.5 179.3
115 66.0 43.0 64.4#



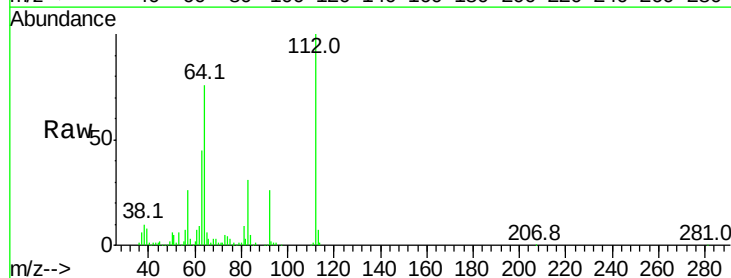
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



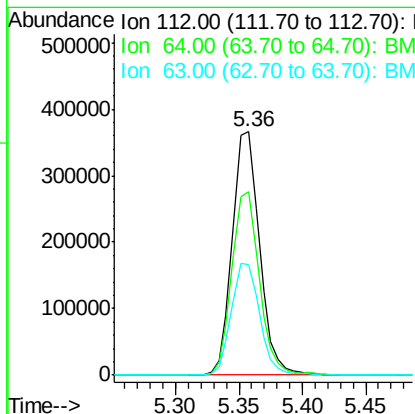
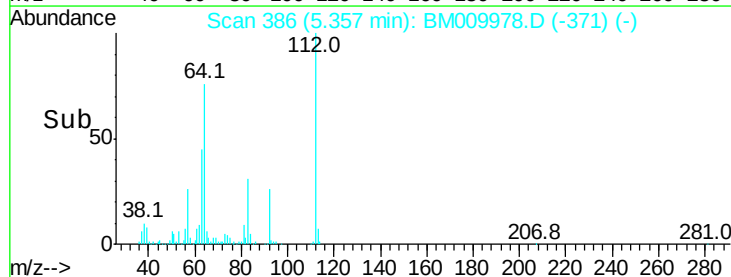
#5

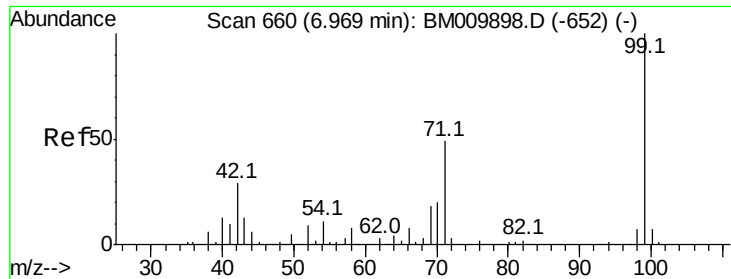
2-Fluorophenol
Concen: 149.28 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM009978.D
Acq: 10 May 2017 20:23

Tgt Ion:112 Resp: 546307
Ion Ratio Lower Upper
112 100
64 75.6 38.6 57.8#
63 45.3 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: 144.65 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009978.D

Acq: 10 May 2017 20:23

Instrument :

BNA_M

ClientSampleId :

PB98840TB

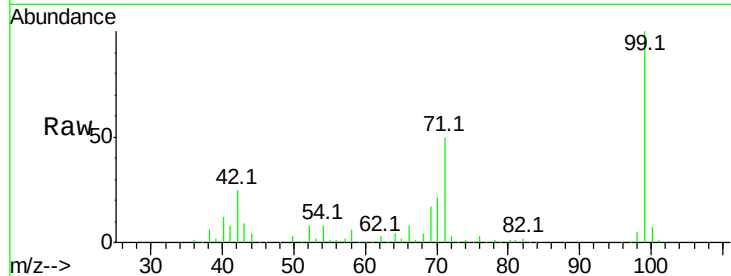
Tot Ion: 99 Resp: 811469

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

71 49.8 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) (-)

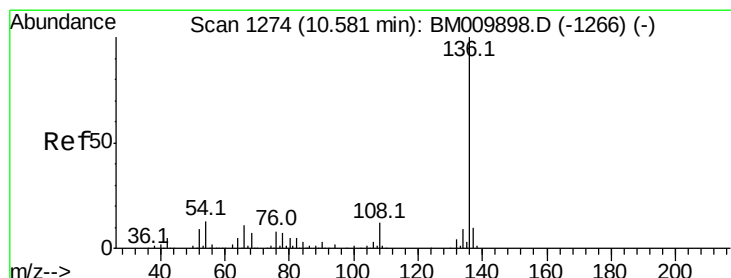
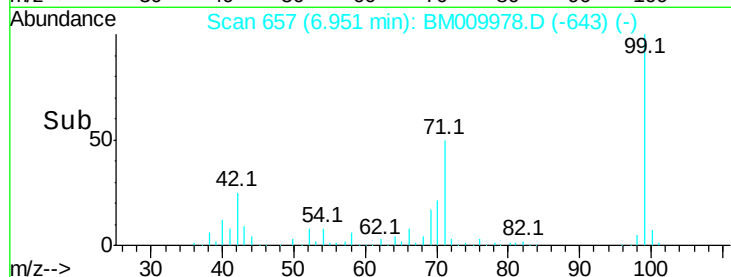
6.95

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009978.D

Acq: 10 May 2017 20:23

Tgt Ion: 136 Resp: 238120

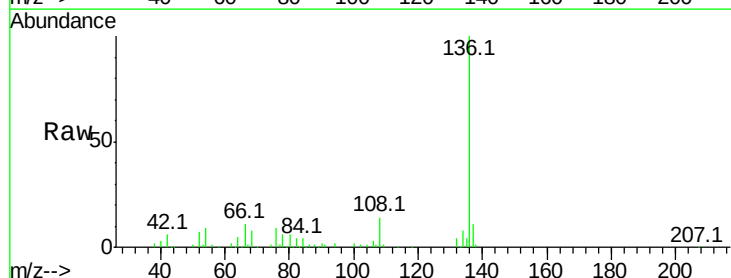
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.0 4.6 6.8#

68 7.5 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) (-)

10.56

200000

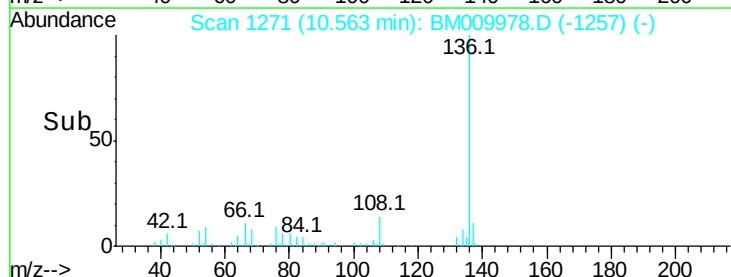
150000

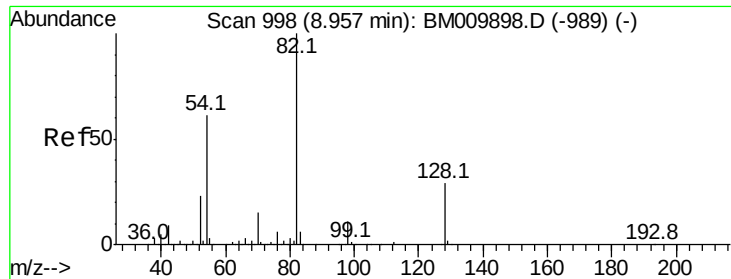
100000

50000

0

Time-->

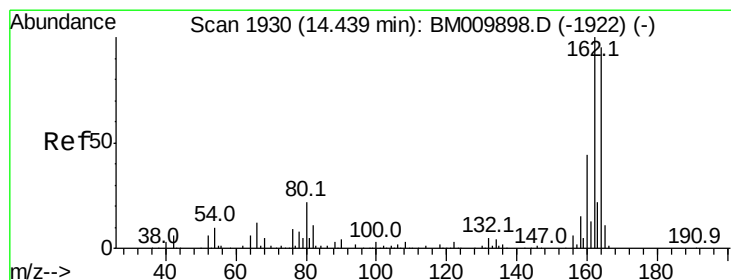
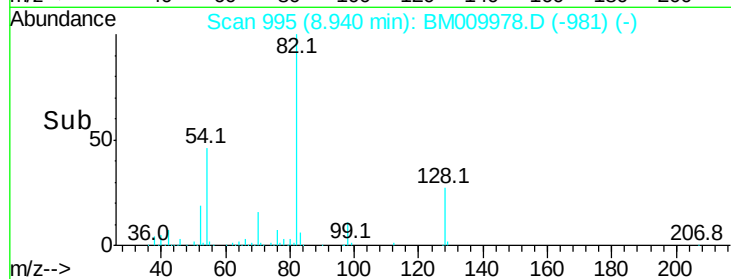
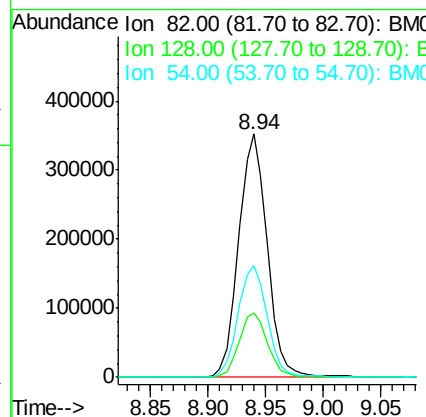
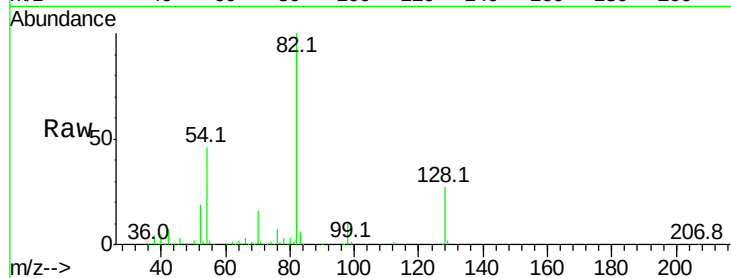




#23
 Nitrobenzene-d5
 Concen: 91.99 ng
 RT: 8.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BM009978.D
 Acq: 10 May 2017 20:23

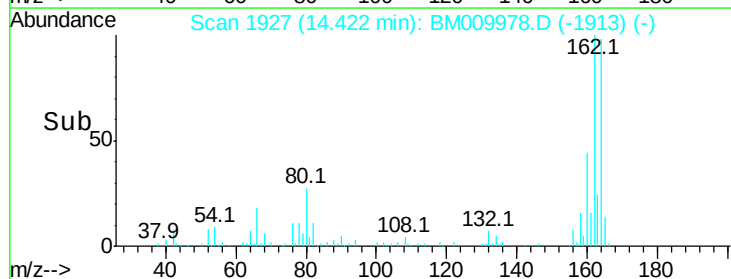
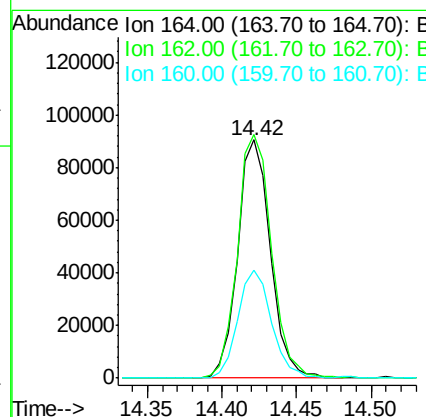
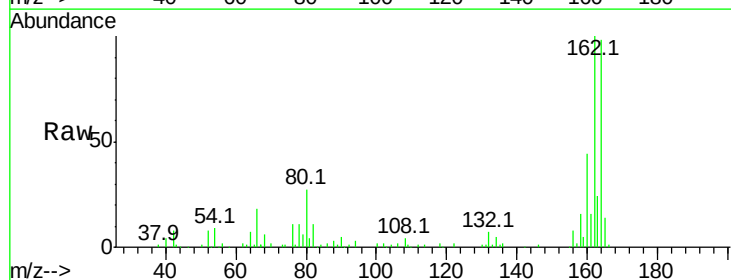
Instrument :
 BNA_M
 ClientSampleId :
 PB98840TB

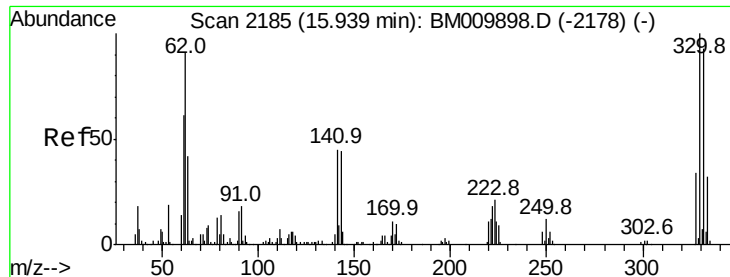
Tot Ion	82	Resp	605302
Ion Ratio	Lower	Upper	
82	100		
128	26.7	32.8	49.2#
54	45.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009978.D
 Acq: 10 May 2017 20:23

Tgt Ion	164	Resp	138293
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.4	123.6
160	45.3	35.8	53.6

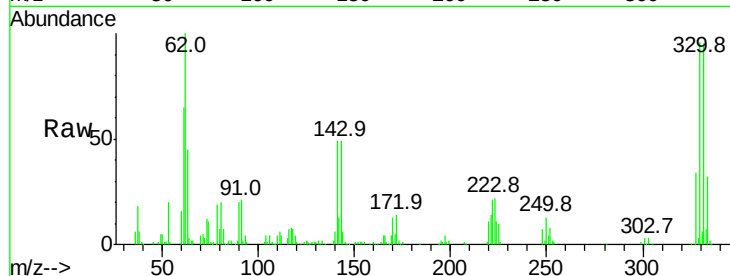




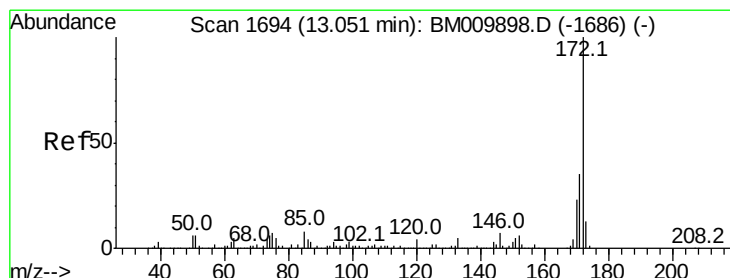
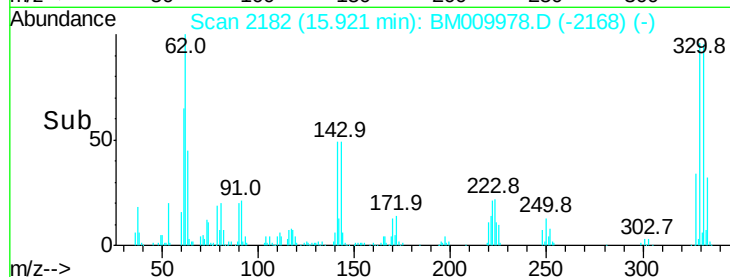
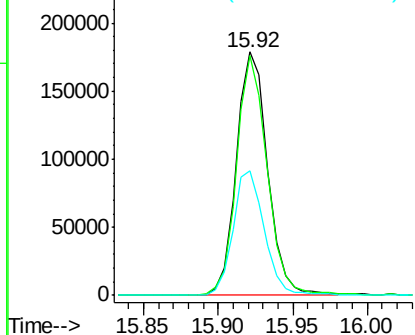
#41
 2,4,6-Tribromophenol
 Concen: 138.22 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009978.D
 Acq: 10 May 2017 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB98840TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	51.4	0.0	0.0#

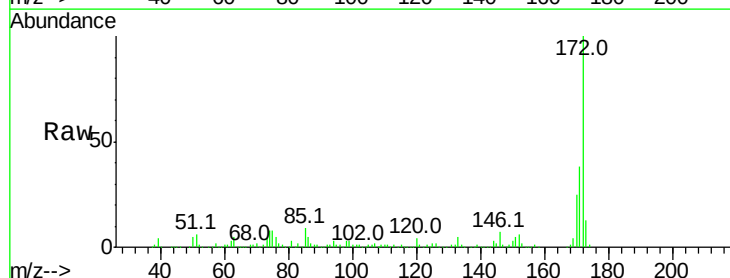


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

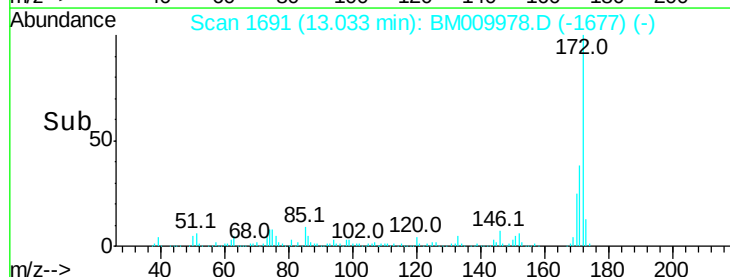
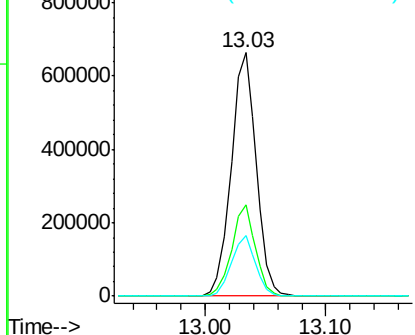


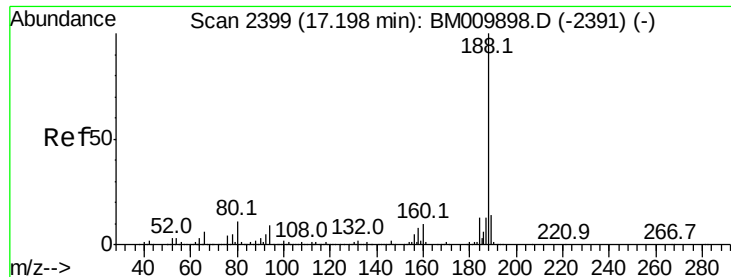
#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009978.D
 Acq: 10 May 2017 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.5	42.7
170	24.8	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: 17.17 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BM009978.D

Acq: 10 May 2017 20:23

Instrument :

BNA_M

ClientSampleId :

PB98840TB

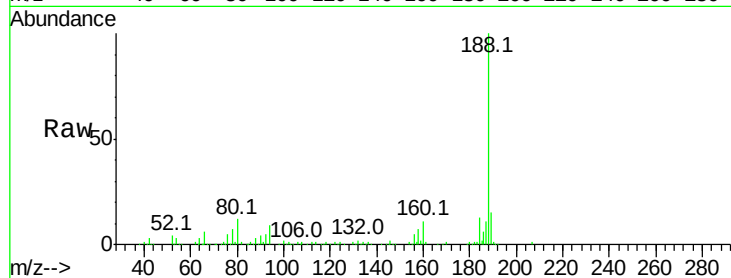
Tot Ion:188 Resp: 355145

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

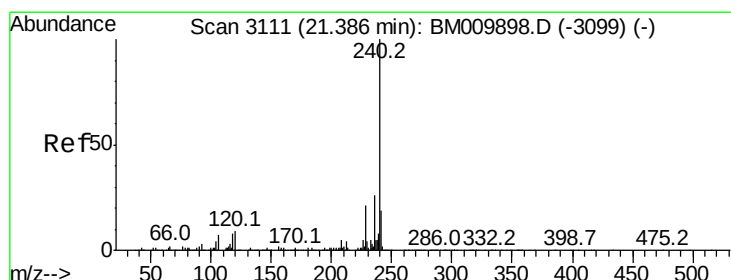
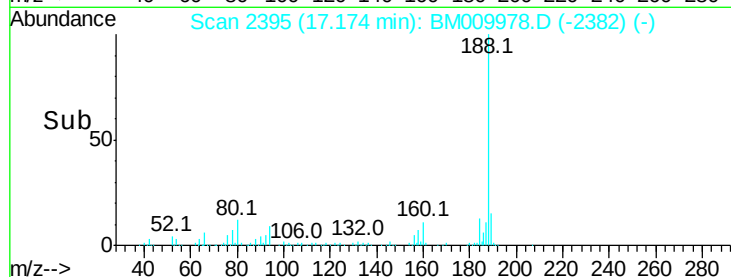
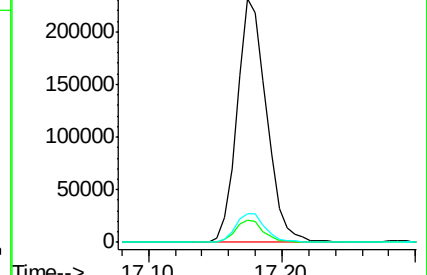
80 11.9 9.3 13.9



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: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM009978.D

Acq: 10 May 2017 20:23

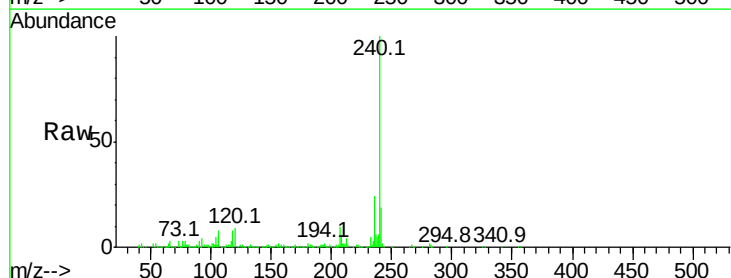
Tgt Ion:240 Resp: 487033

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

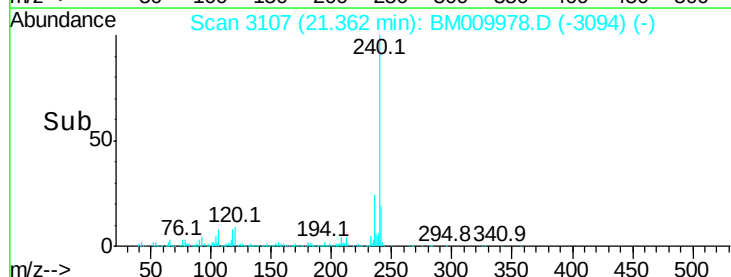
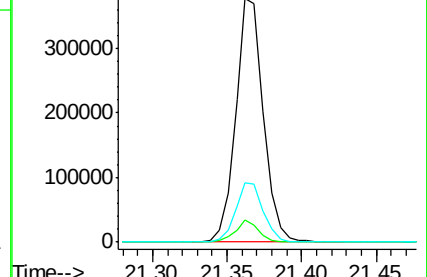
236 24.3 20.0 30.0

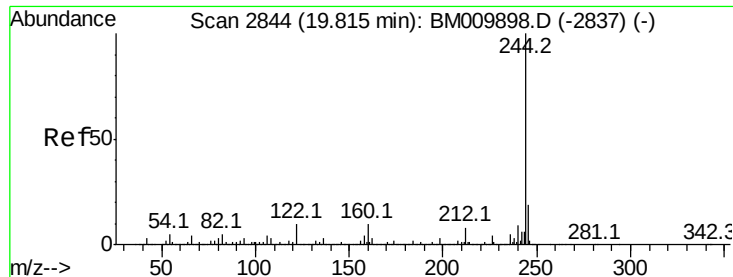


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.69 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009978.D

Acq: 10 May 2017 20:23

Instrument :

BNA_M

ClientSampleId :

PB98840TB

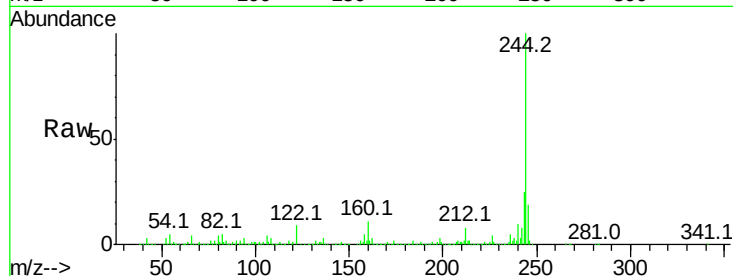
Tot Ion:244 Resp: 1891842

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

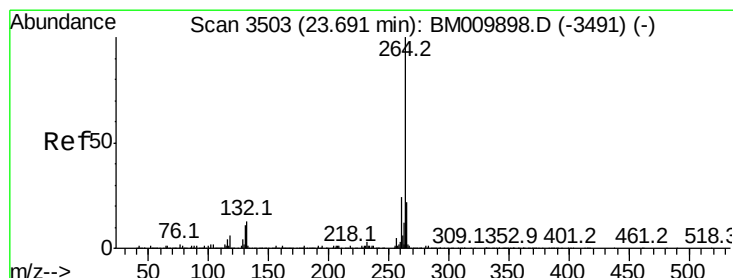
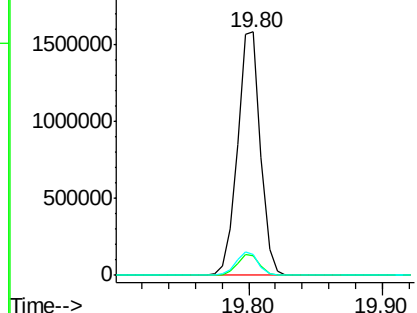
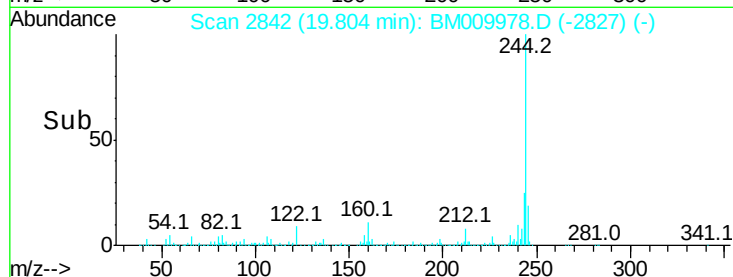
122 8.7 6.2 9.4



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: 23.66 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BM009978.D

Acq: 10 May 2017 20:23

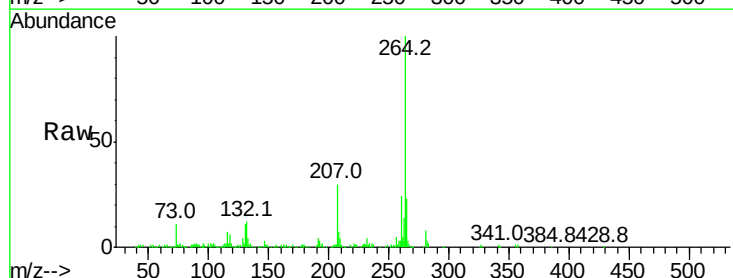
Tgt Ion:264 Resp: 406838

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.6 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

