

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009920.D
 Acq On : 06 May 2017 01:53
 Operator : SJ/MA
 Sample : I2893-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 04:34:23 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	82273	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	331282	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	212953	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	529858	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	699642	20.00	ng	-0.01
86) Perylene-d12	23.68	264	654953	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	318856	61.70	ng	0.00
7) Phenol-d6	6.96	99	275600	34.79	ng	-0.01
23) Nitrobenzene-d5	8.95	82	889753	97.19	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	473015	162.64	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1641785	100.45	ng	0.00
78) Terphenyl-d14	19.82	244	3154116	92.48	ng	0.00

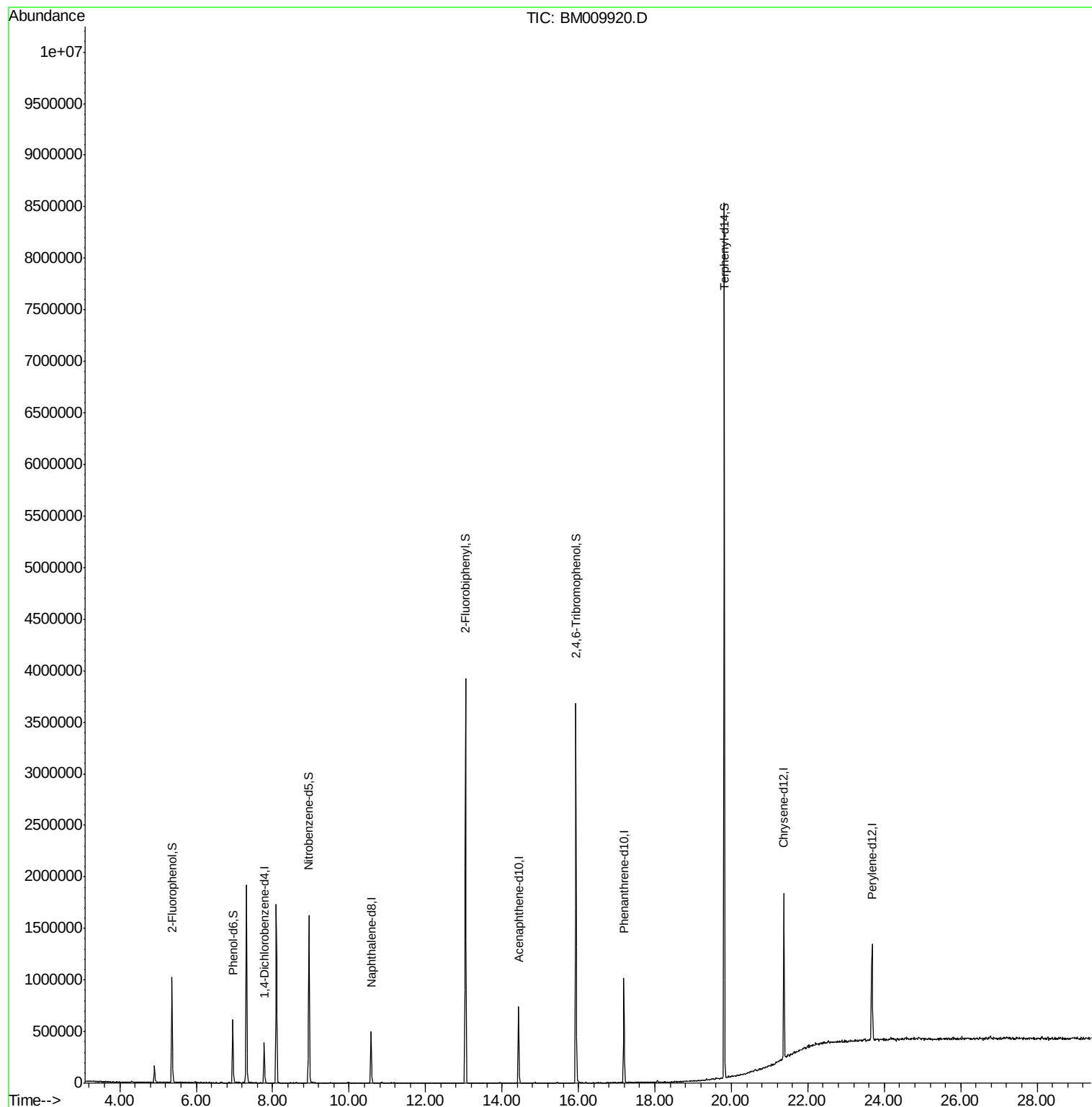
Target Compounds Qvalue

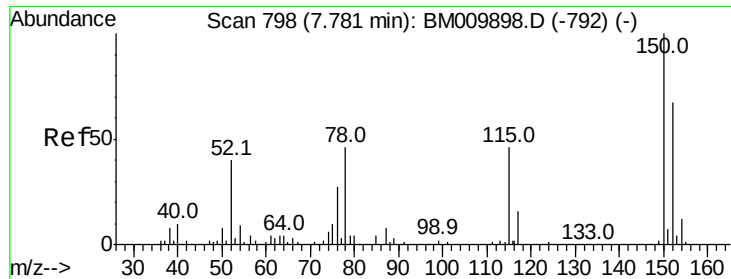
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
Data File : BM009920.D
Acq On : 06 May 2017 01:53
Operator : SJ/MA
Sample : I2893-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 06 04:34:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM009920.D

Acq: 06 May 2017 01:53

Instrument :

BNA_M

ClientSampleId :

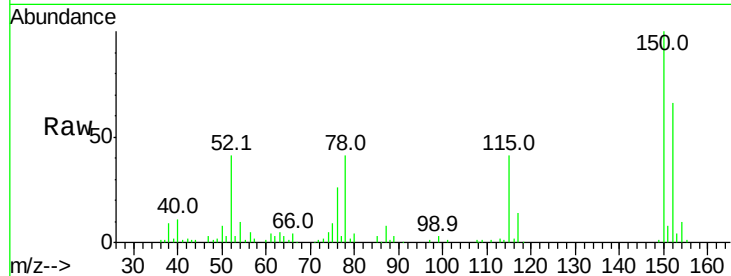
Tot Ion:152 Resp: 82273

Ion Ratio Lower Upper

152 100

150 151.5 119.5 179.3

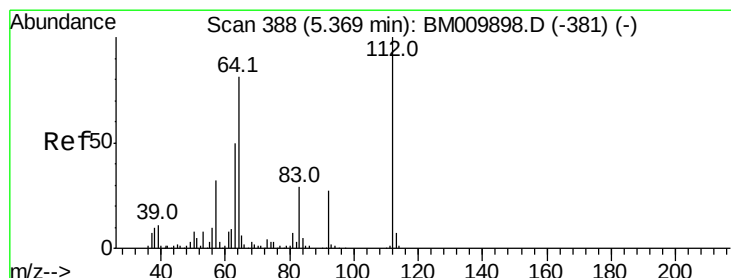
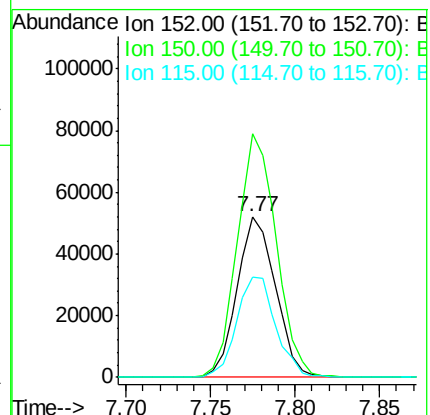
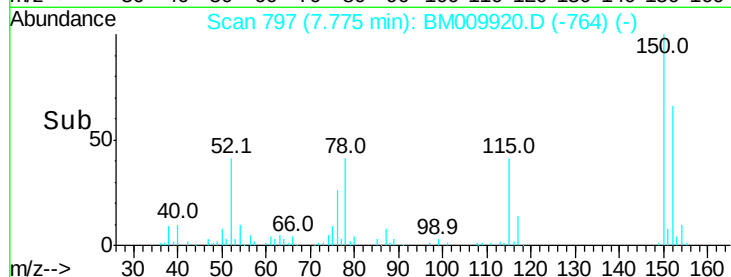
115 62.6 43.0 64.4



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: 61.70 ng

RT: 5.36 min Scan# 387

Delta R.T. -0.01 min

Lab File: BM009920.D

Acq: 06 May 2017 01:53

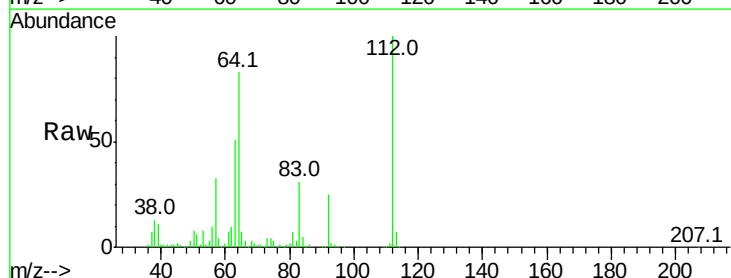
Tgt Ion:112 Resp: 318856

Ion Ratio Lower Upper

112 100

64 83.4 38.6 57.8#

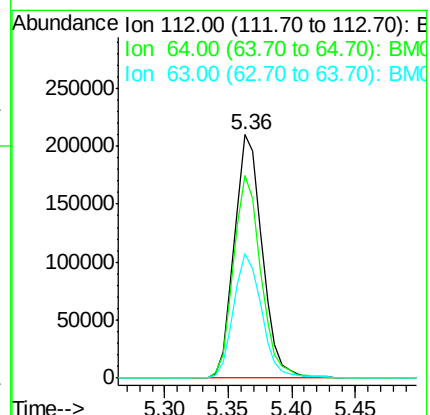
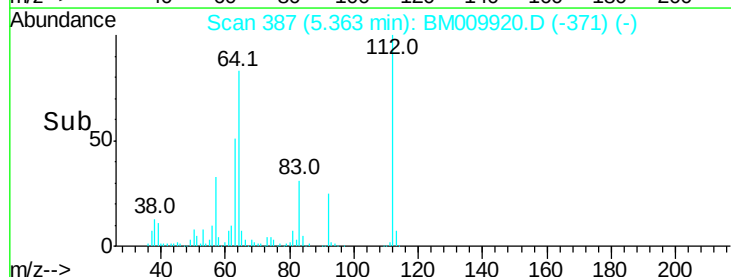
63 51.1 19.3 28.9#

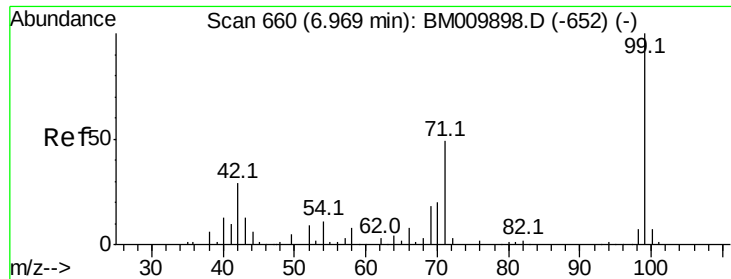


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 34.79 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009920.D

Acq: 06 May 2017 01:53

Instrument :

BNA_M

ClientSampled :

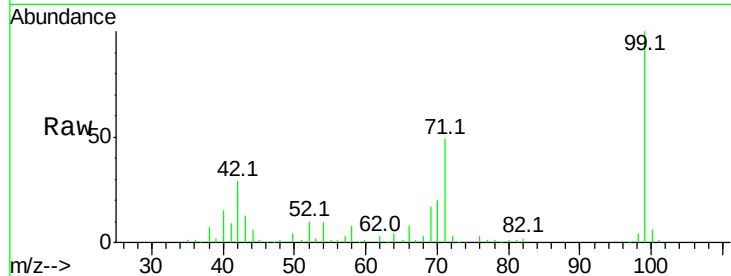
Tot Ion: 99 Resp: 275600

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

71 48.5 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

200000

150000

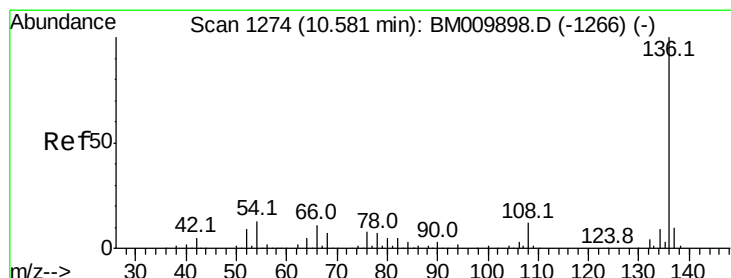
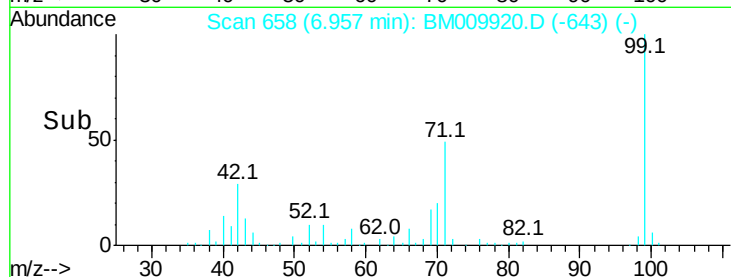
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009920.D

Acq: 06 May 2017 01:53

Tgt Ion: 136 Resp: 331282

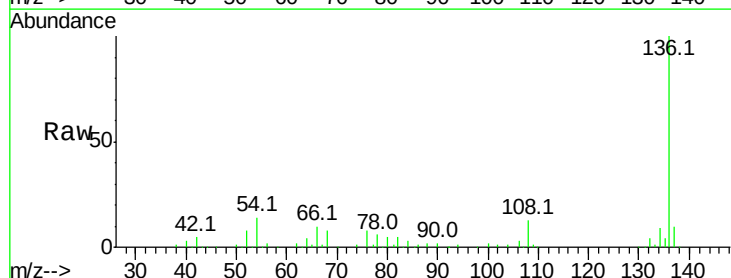
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 13.7 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

300000

250000

200000

150000

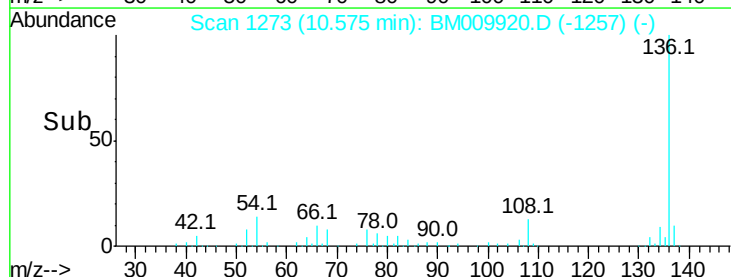
100000

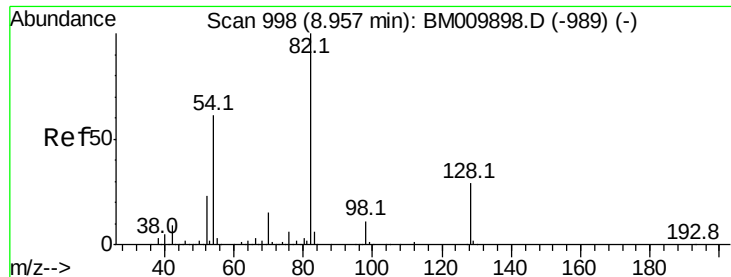
50000

0

10.50 10.55 10.60

Time-->

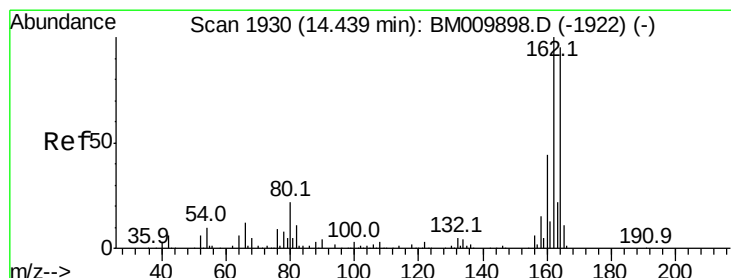
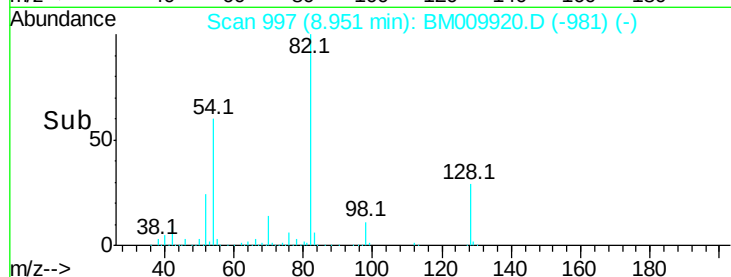
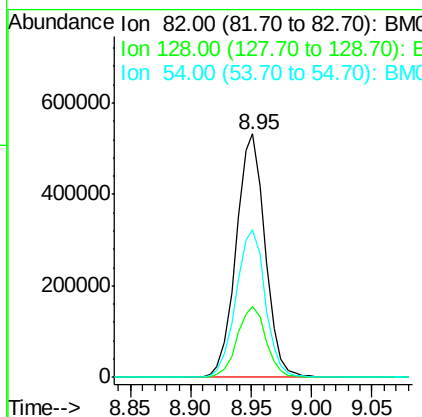
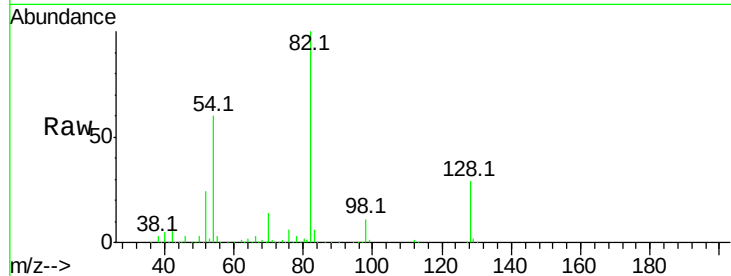




#23
 Nitrobenzene-d5
 Concen: 97.19 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009920.D
 Acq: 06 May 2017 01:53

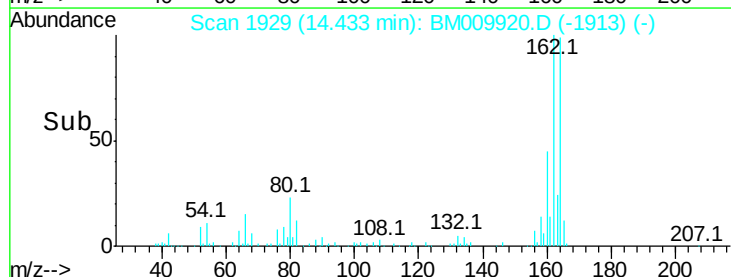
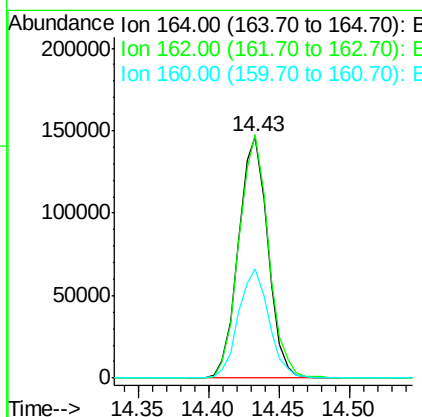
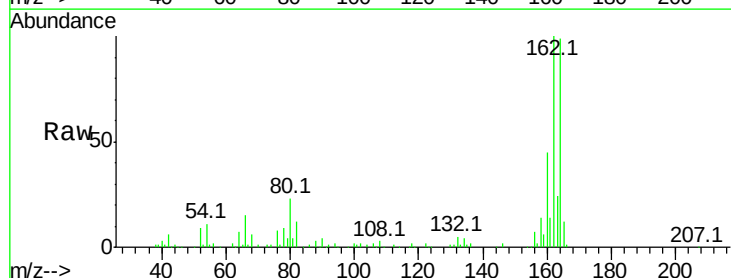
Instrument :
 BNA_M
 ClientSampleId :

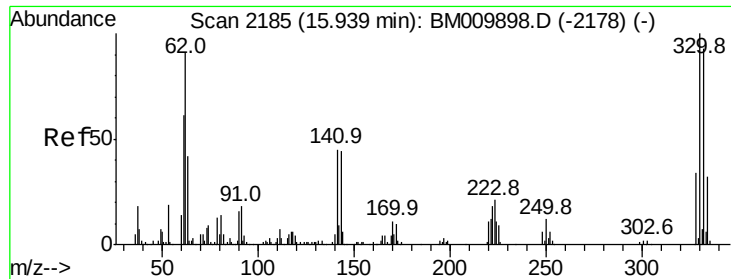
Tot Ion	82	Resp	889753
Ion	Ratio	Lower	Upper
82	100		
128	29.0	32.8	49.2#
54	60.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009920.D
 Acq: 06 May 2017 01:53

Tgt Ion	164	Resp	212953
Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	45.2	35.8	53.6

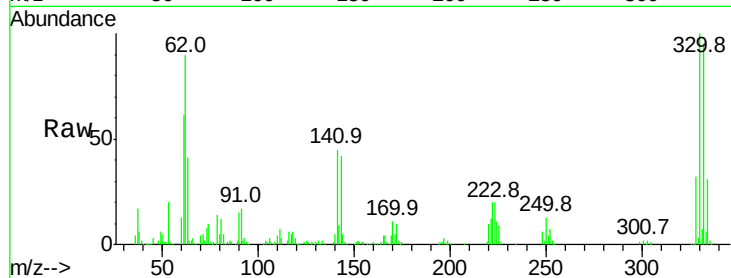




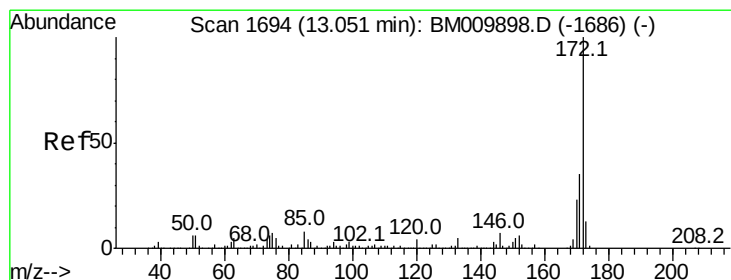
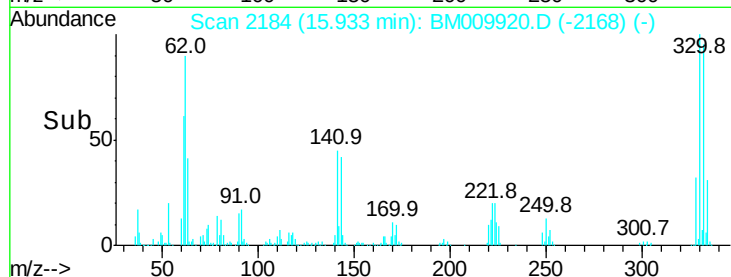
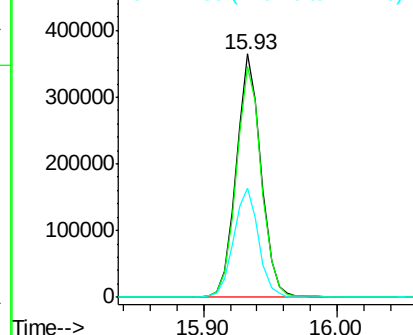
#41
 2,4,6-Tribromophenol
 Concen: 162.64 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009920.D
 Acq: 06 May 2017 01:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 473015
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 45.7 0.0 0.0#

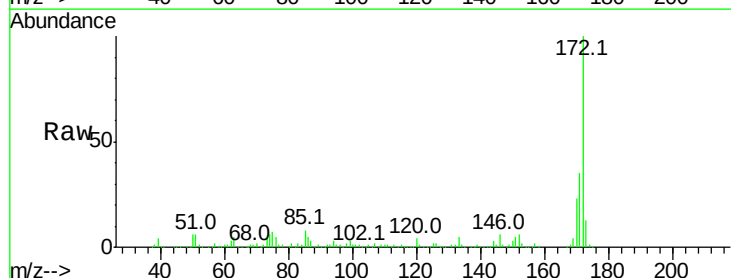


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

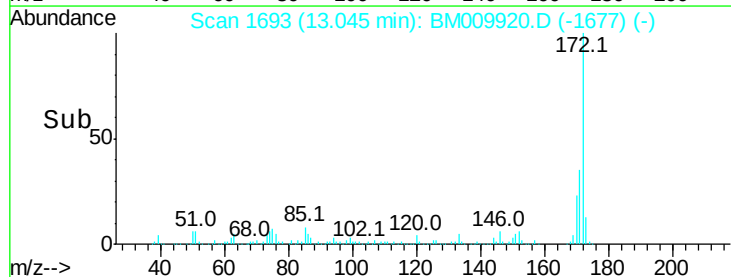
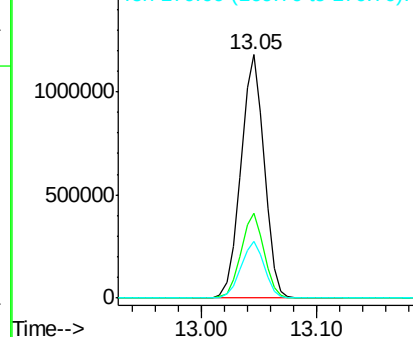


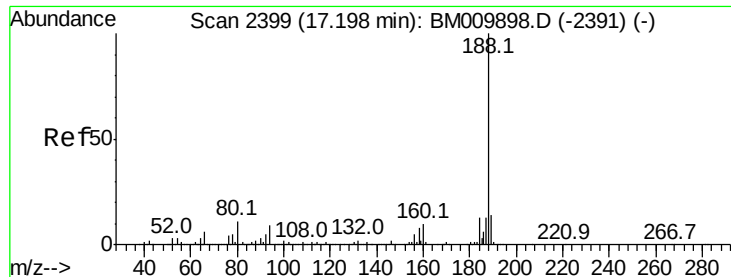
#44
 2-Fluorobiphenyl
 Concen: 100.45 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009920.D
 Acq: 06 May 2017 01:53

Tgt Ion:172 Resp: 1641785
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.3 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

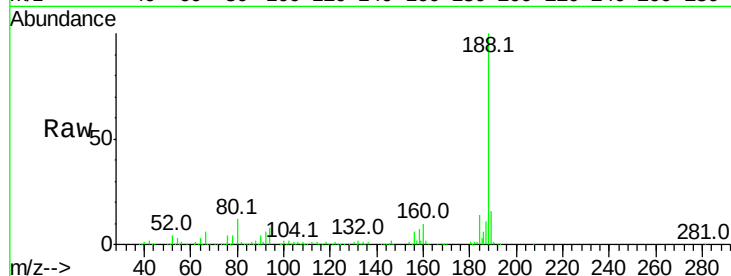




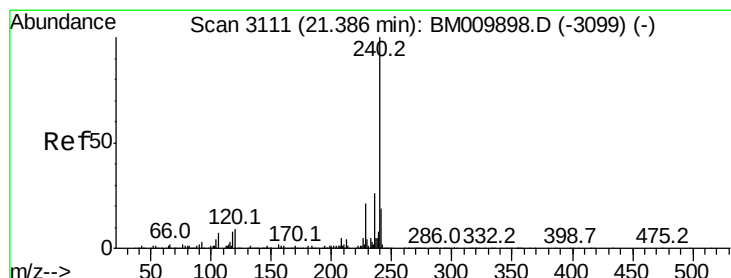
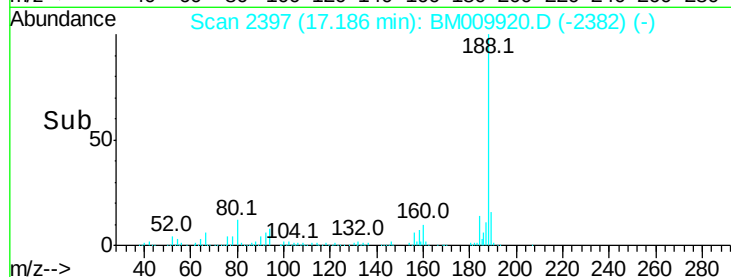
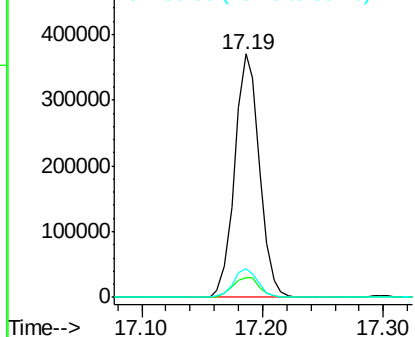
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009920.D
Acq: 06 May 2017 01:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 529858
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 11.9 9.3 13.9

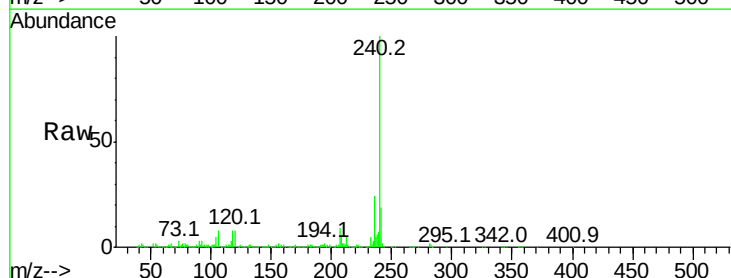


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

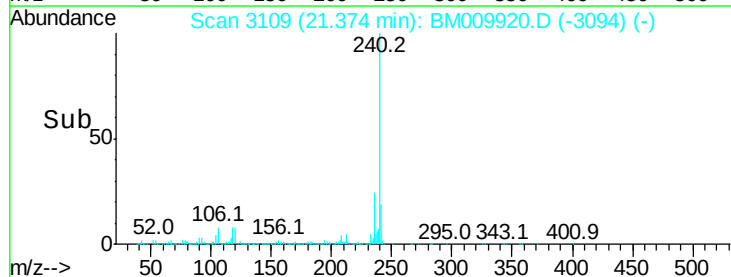
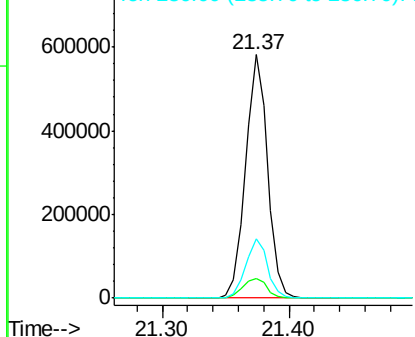


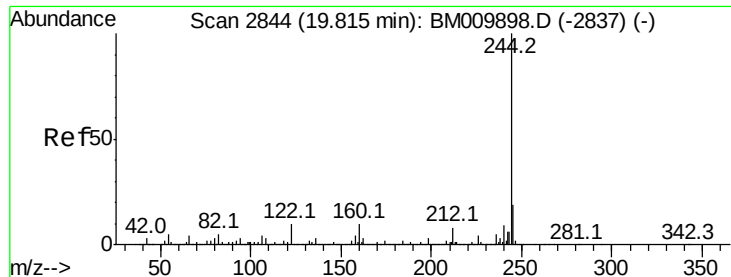
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009920.D
Acq: 06 May 2017 01:53

Tgt Ion:240 Resp: 699642
Ion Ratio Lower Upper
240 100
120 8.3 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: 92.48 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009920.D

Acq: 06 May 2017 01:53

Instrument :

BNA_M

ClientSampleId :

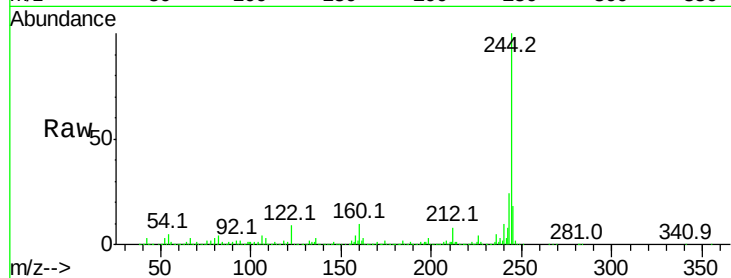
Tot Ion:244 Resp: 3154116

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

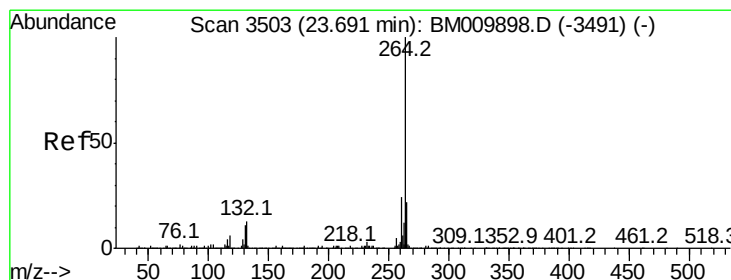
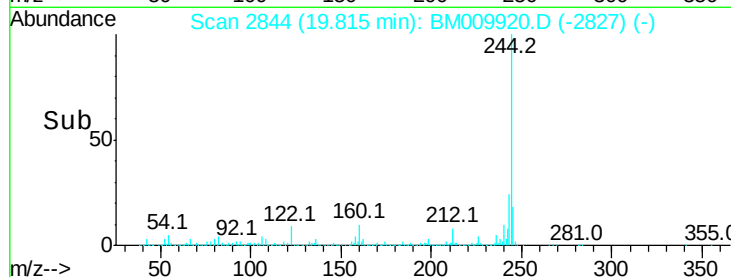
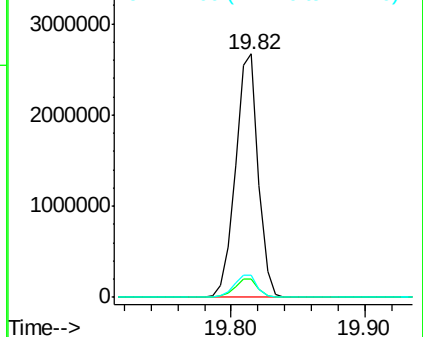
122 8.9 6.2 9.4



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: 23.68 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM009920.D

Acq: 06 May 2017 01:53

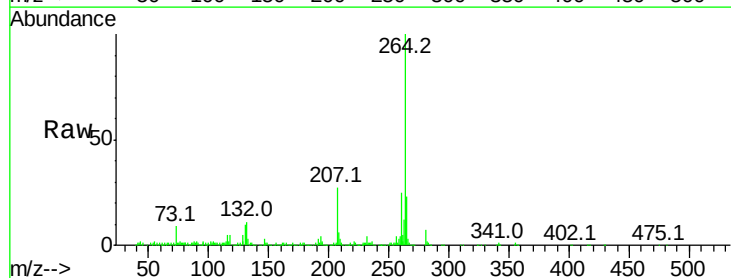
Tgt Ion:264 Resp: 654953

Ion Ratio Lower Upper

264 100

260 24.5 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

