

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009912.D
 Acq On : 05 May 2017 21:04
 Operator : SJ/MA
 Sample : I2893-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3064-PP4

Quant Time: May 06 00:45:27 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	7.78	152	96510	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	395859	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	245652	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	607445	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	795115	20.00	ng	-0.01
86) Perylene-d12	23.68	264	758546	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	419295	69.17	ng	0.00
7) Phenol-d6	6.96	99	371486	39.98	ng	-0.01
23) Nitrobenzene-d5	8.95	82	1181345	107.99	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	557973	166.31	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	2080947	110.37	ng	0.00
78) Terphenyl-d14	19.82	244	4009673	103.45	ng	0.00

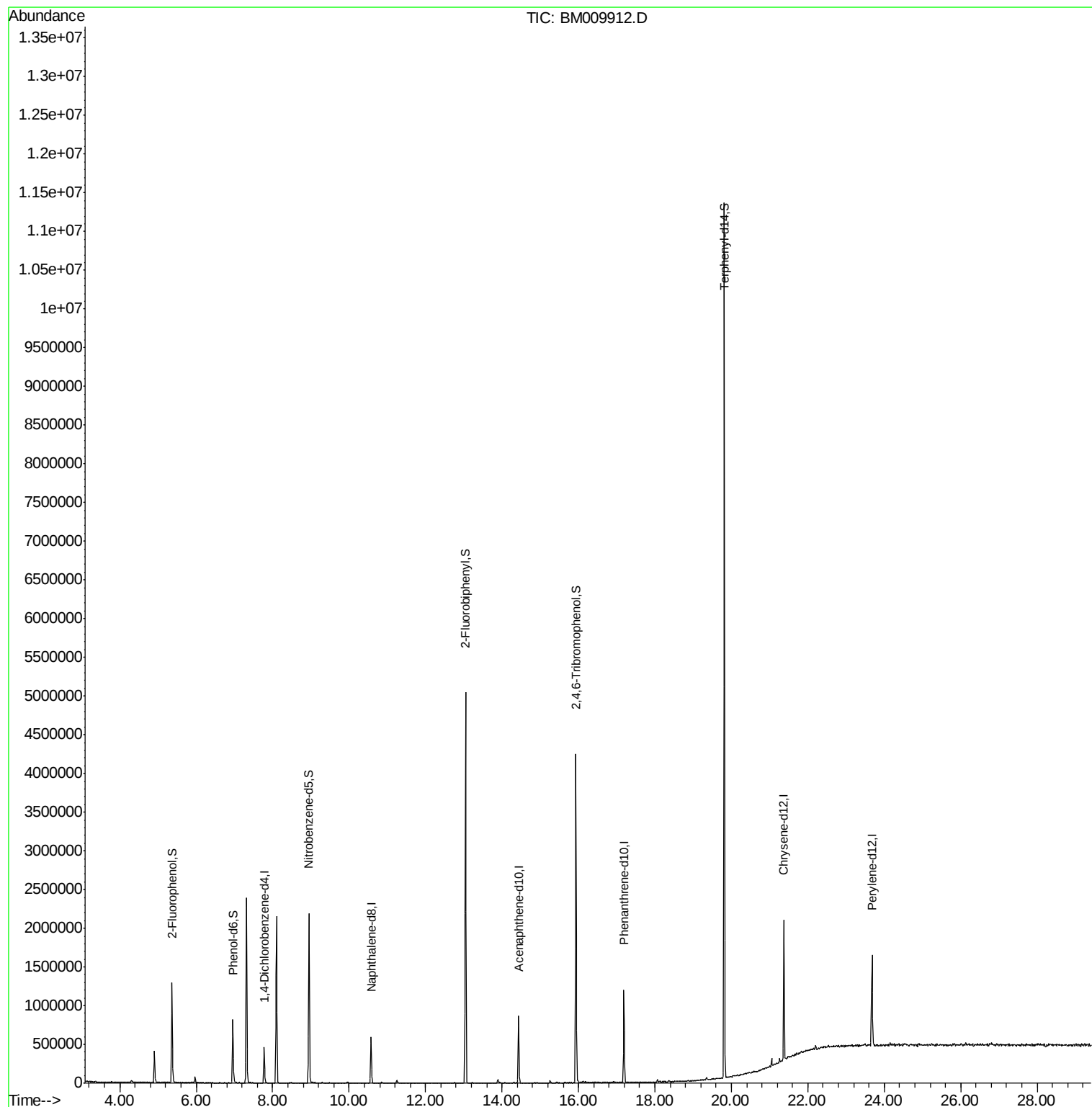
Target Compounds	Qvalue
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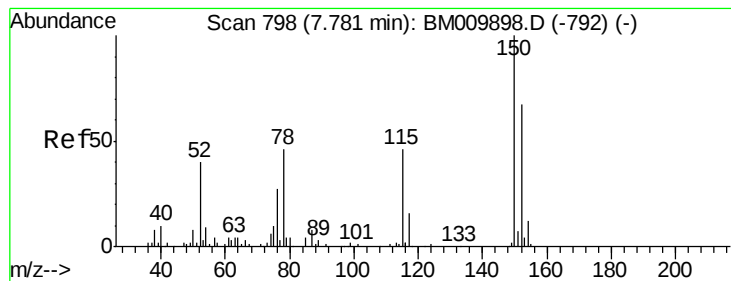
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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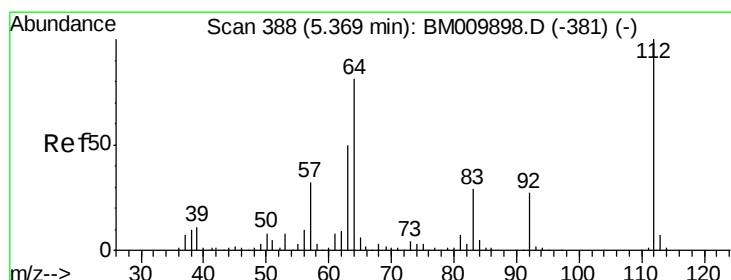
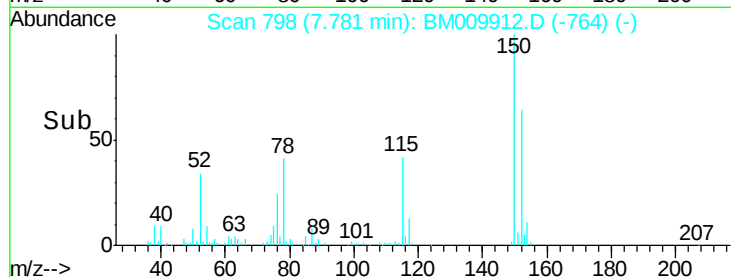
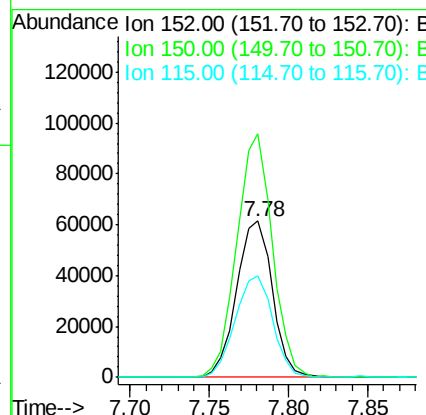
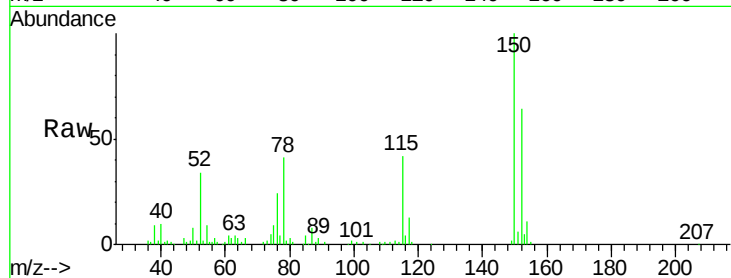


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BM009912.D
Acq: 05 May 2017 21:04

Instrument :
BNA_M
ClientSampleId :
3064-PP4

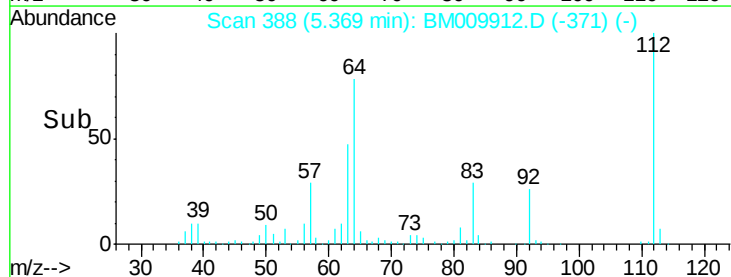
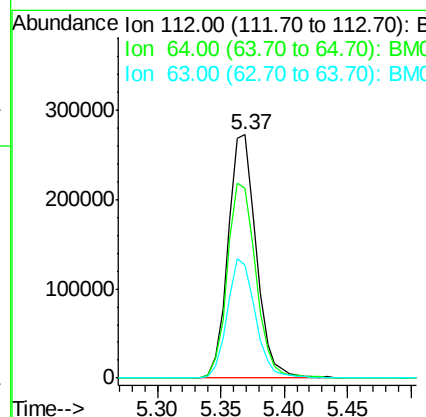
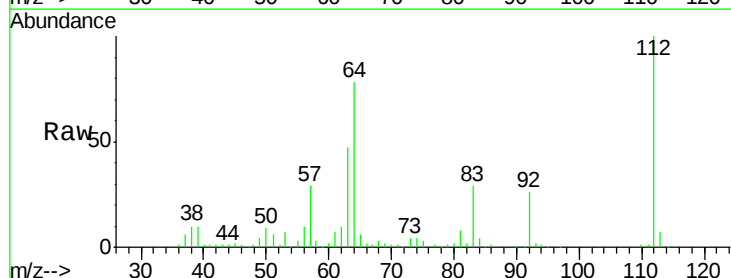
Tgt Ion:152 Resp: 96510
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 65.1 43.0 64.4#

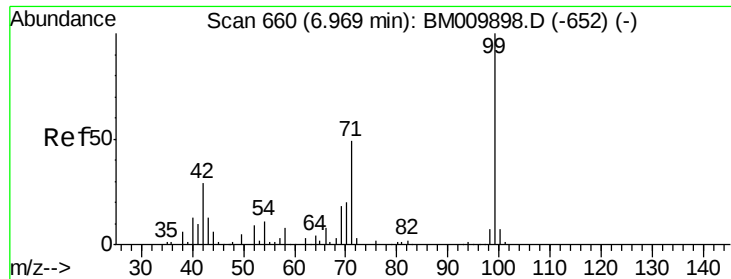


#5

2-Fluorophenol
Concen: 69.17 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009912.D
Acq: 05 May 2017 21:04

Tgt Ion:112 Resp: 419295
Ion Ratio Lower Upper
112 100
64 78.1 38.6 57.8#
63 46.5 19.3 28.9#





#7

Phenol-d6

Concen: 39.98 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009912.D

Acq: 05 May 2017 21:04

Instrument :

BNA_M

ClientSampleId :

3064-PP4

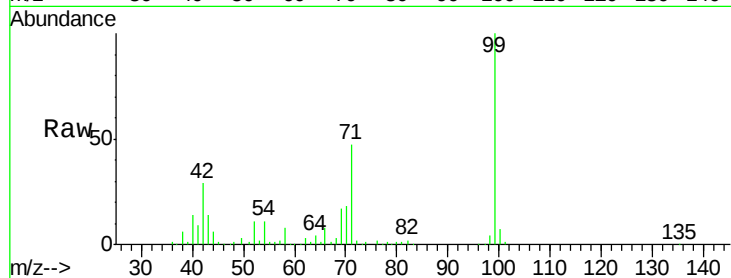
Tgt Ion: 99 Resp: 371486

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

71 47.2 23.4 35.2#

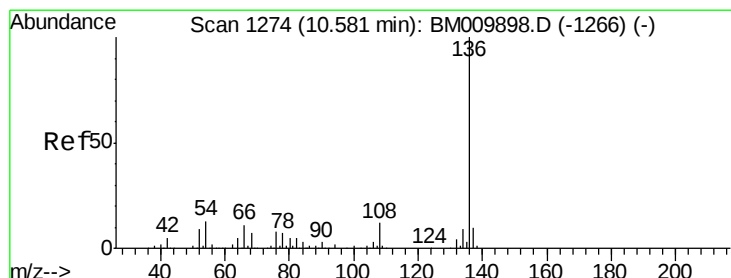
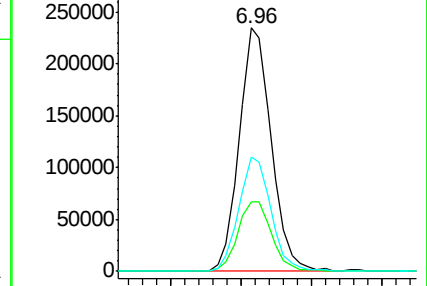
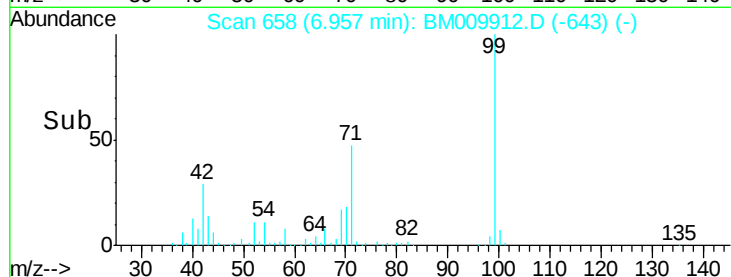


Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009912.D

Acq: 05 May 2017 21:04

Tgt Ion: 136 Resp: 395859

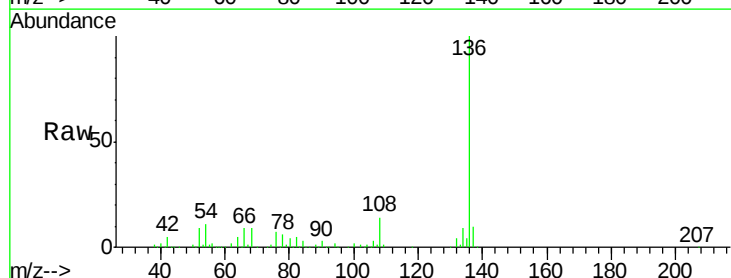
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 11.3 4.6 6.8#

68 8.7 3.7 5.5#



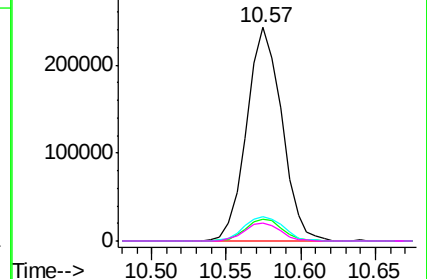
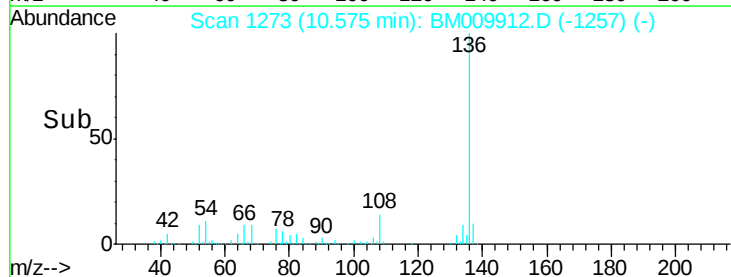
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

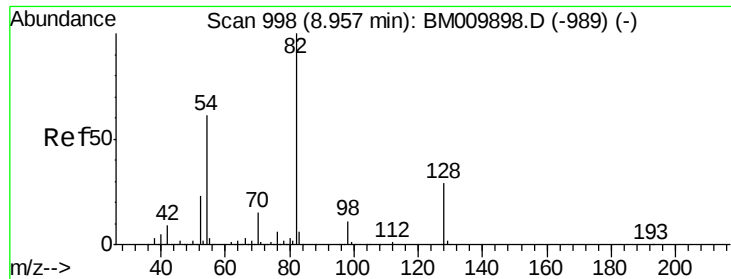
Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

Time-->

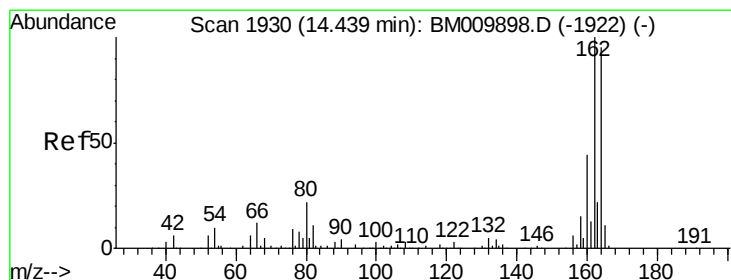
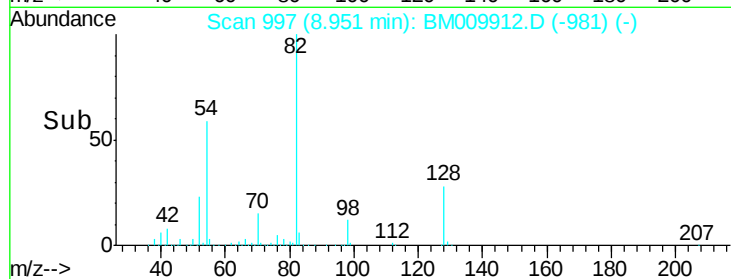
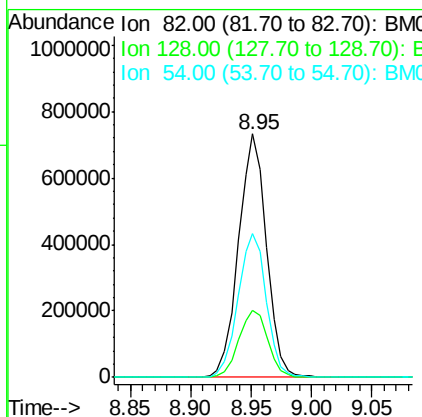
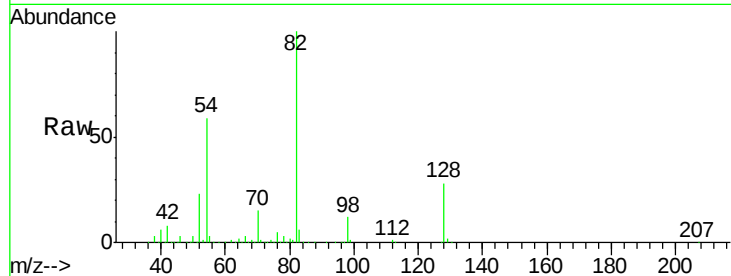




#23
 Nitrobenzene-d5
 Concen: 107.99 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009912.D
 Acq: 05 May 2017 21:04

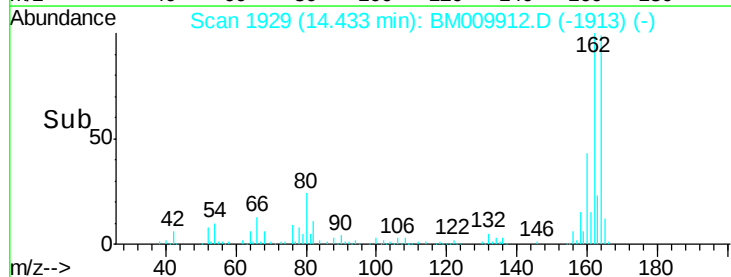
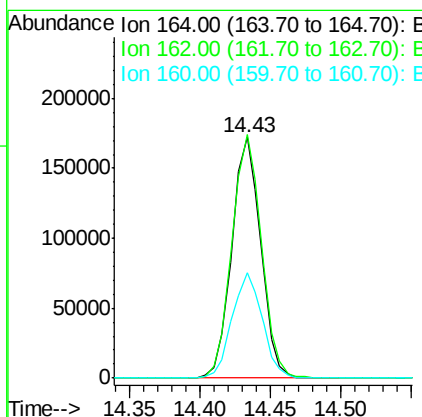
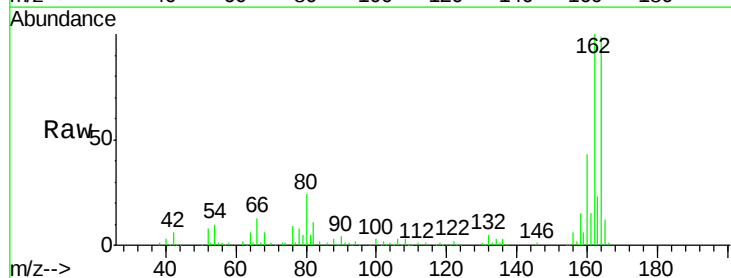
Instrument :
 BNA_M
 ClientSampleId :
 3064-PP4

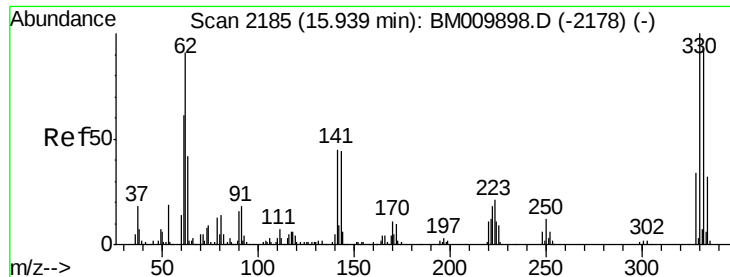
Tgt Ion: 82 Resp: 1181345
 Ion Ratio Lower Upper
 82 100
 128 27.6 32.8 49.2#
 54 59.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009912.D
 Acq: 05 May 2017 21:04

Tgt Ion: 164 Resp: 245652
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.4 123.6
 160 43.9 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 166.31 ng

RT: 15.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM009912.D

Acq: 05 May 2017 21:04

Instrument :

BNA_M

ClientSampleId :

3064-PP4

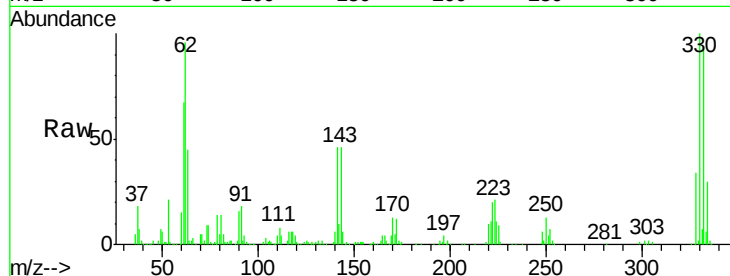
Tgt Ion:330 Resp: 557973

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

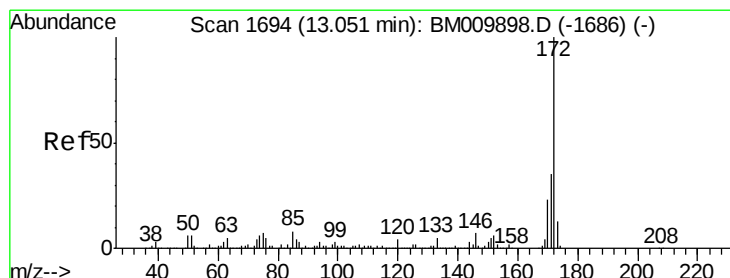
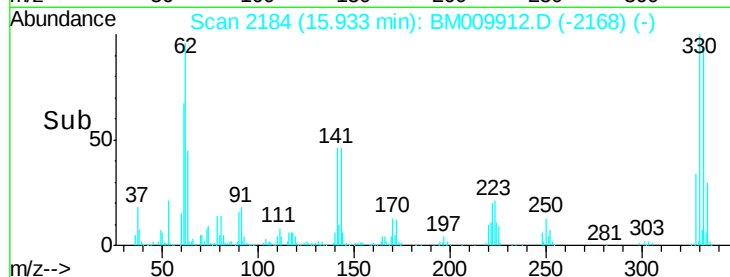
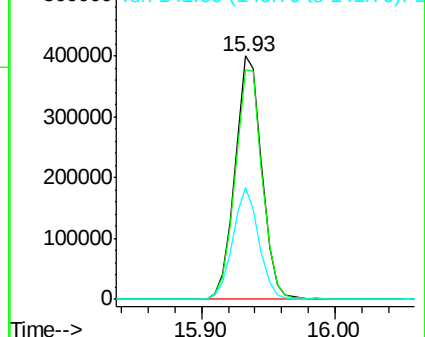
141 44.8 0.0 0.0#



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: 110.37 ng

RT: 13.05 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BM009912.D

Acq: 05 May 2017 21:04

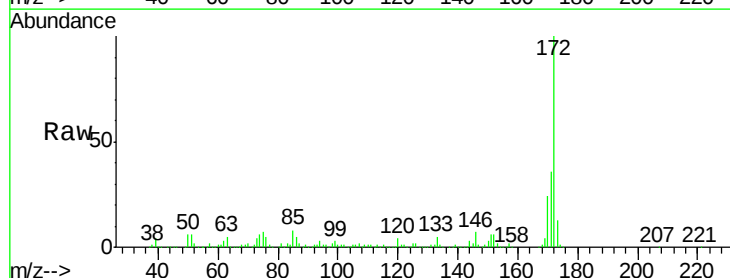
Tgt Ion:172 Resp: 2080947

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

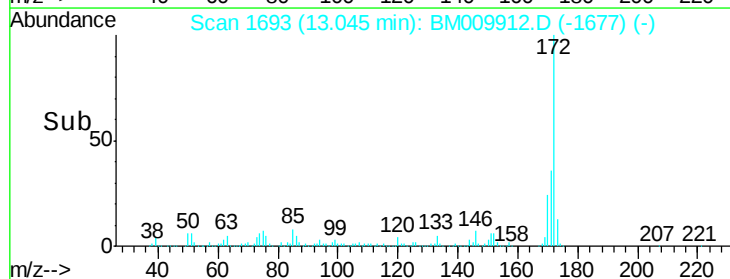
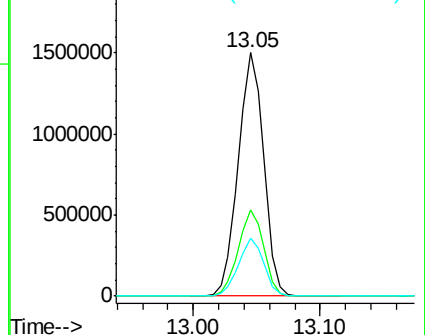
170 23.8 18.8 28.2

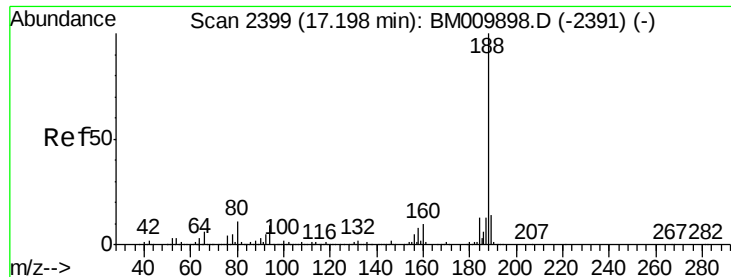


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

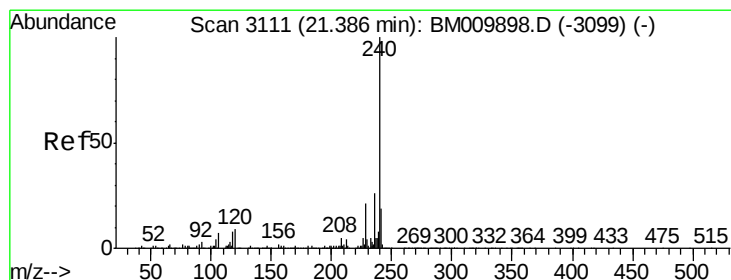
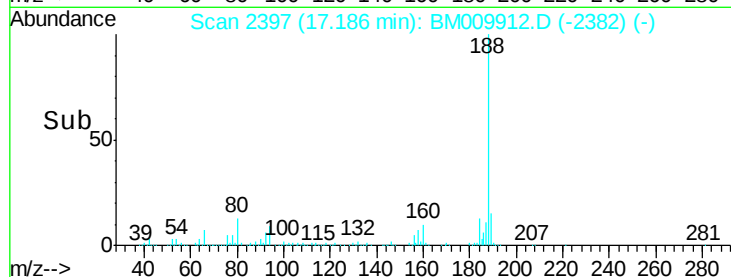
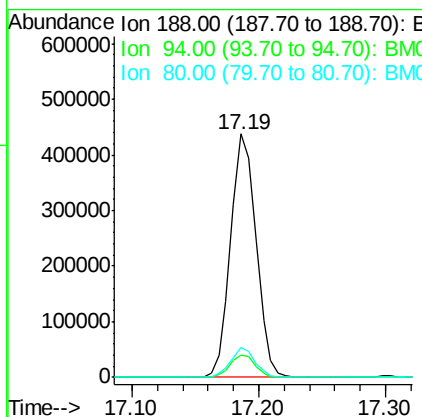
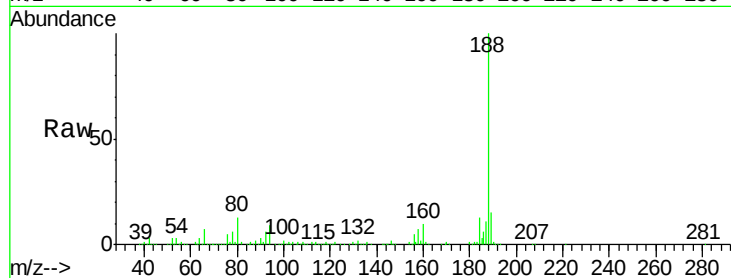




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009912.D
Acq: 05 May 2017 21:04

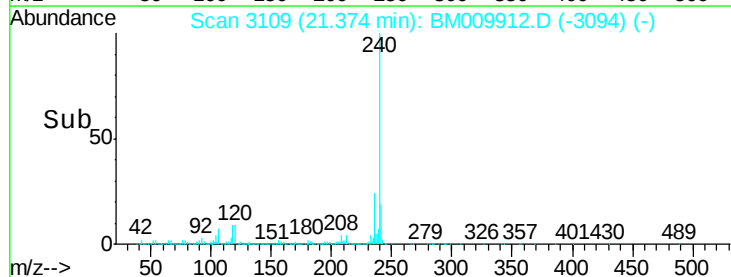
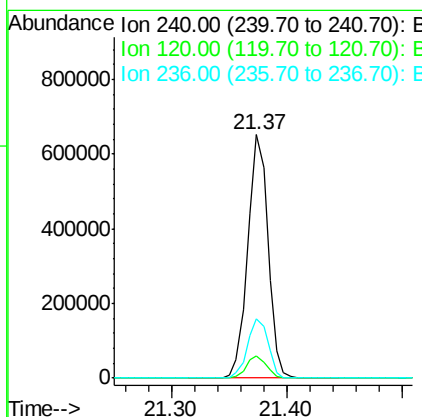
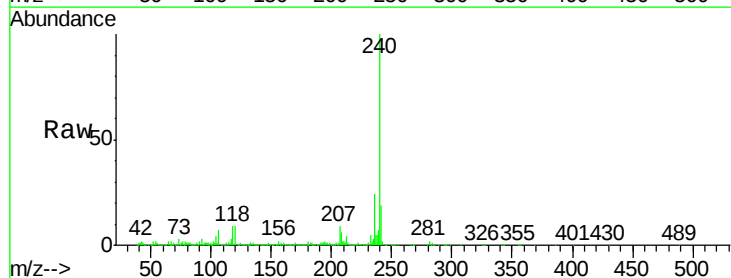
Instrument :
BNA_M
ClientSampled :
3064-PP4

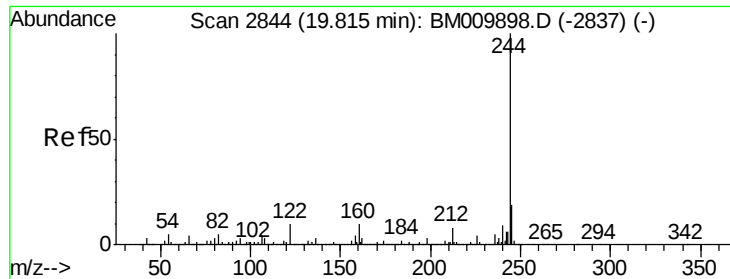
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.7	13.1
80	12.5	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009912.D
Acq: 05 May 2017 21:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	24.4	20.0	30.0





#78

Terphenyl-d14

Concen: 103.45 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009912.D

Acq: 05 May 2017 21:04

Instrument :

BNA_M

ClientSampleId :

3064-PP4

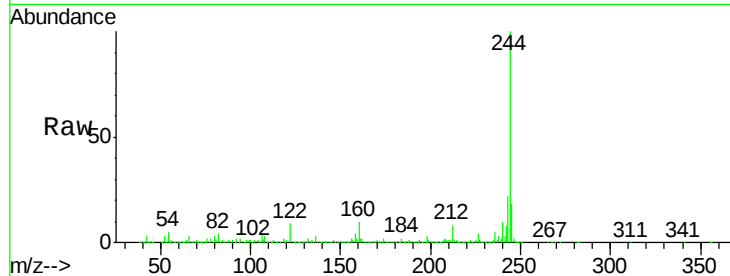
Tgt Ion:244 Resp: 4009673

Ion Ratio Lower Upper

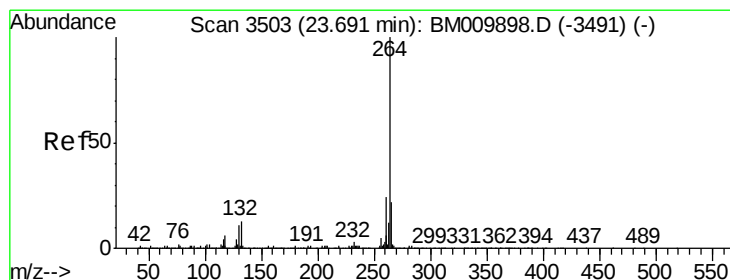
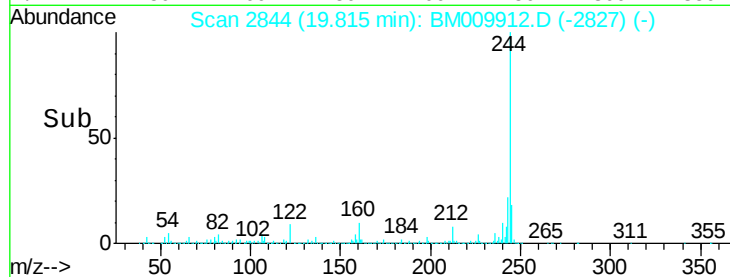
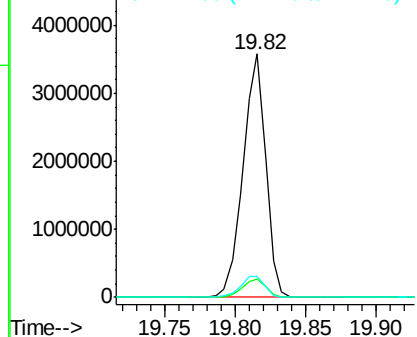
244 100

212 7.7 4.9 7.3#

122 8.8 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: BM009912.D

Acq: 05 May 2017 21:04

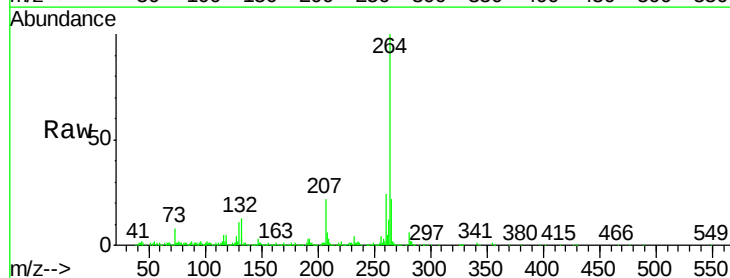
Tgt Ion:264 Resp: 758546

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 22.3 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

