

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
 Data File : BM009539.D
 Acq On : 04 Apr 2017 20:51
 Operator : SJ/MA
 Sample : I2493-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP07-COMP

Quant Time: Apr 05 02:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100554	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	360839	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	199236	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	486486	20.00	ng	-0.02
75) Chrysene-d12	21.42	240	690790	20.00	ng	-0.01
86) Perylene-d12	23.73	264	551881	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	946821	156.95	ng	-0.01
7) Phenol-d6	7.00	99	1232124	149.78	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1000196	103.93	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	434404	175.51	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1734281	104.89	ng	-0.02
78) Terphenyl-d14	19.86	244	3025986	91.54	ng	-0.01

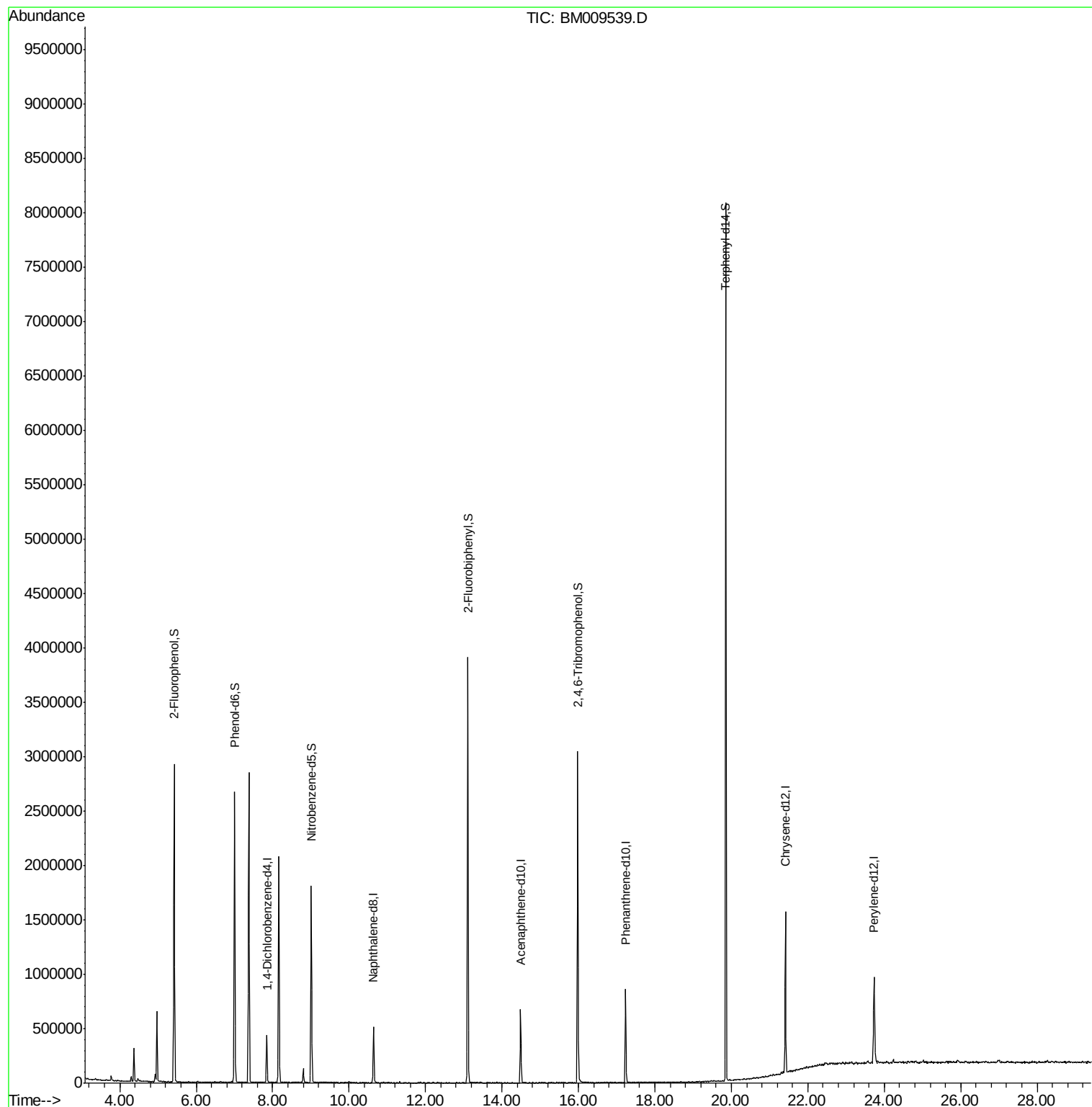
Target Compounds	Qvalue
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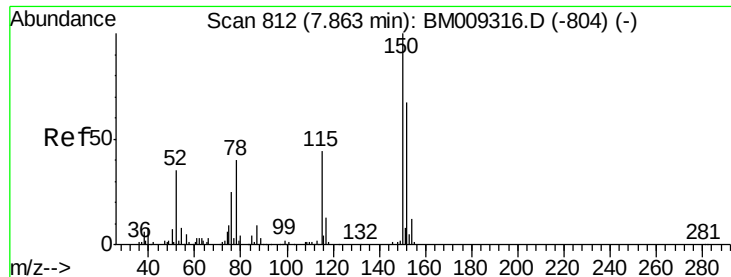
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009539.D

Acq: 04 Apr 2017 20:51

Instrument :

BNA_M

ClientSampleId :

LSS-SP07-COMP

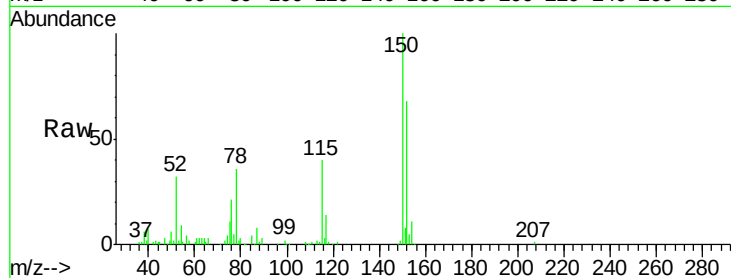
Tgt Ion:152 Resp: 100554

Ion Ratio Lower Upper

152 100

150 146.7 119.5 179.3

115 58.5 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

120000

100000

80000

60000

40000

20000

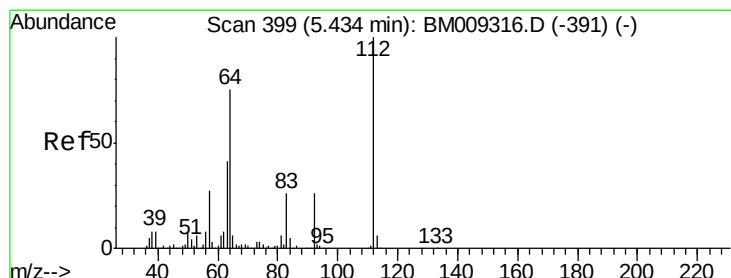
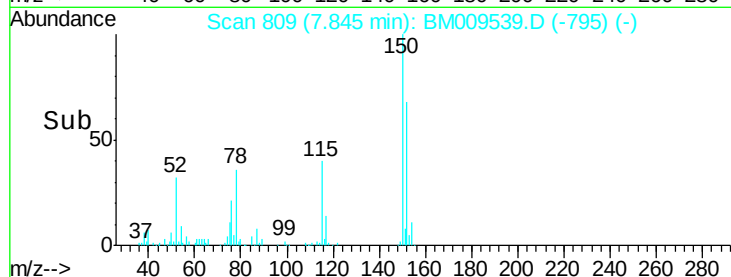
0

7.85

7.80

7.90

Time-->



#5

2-Fluorophenol

Concen: 156.95 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009539.D

Acq: 04 Apr 2017 20:51

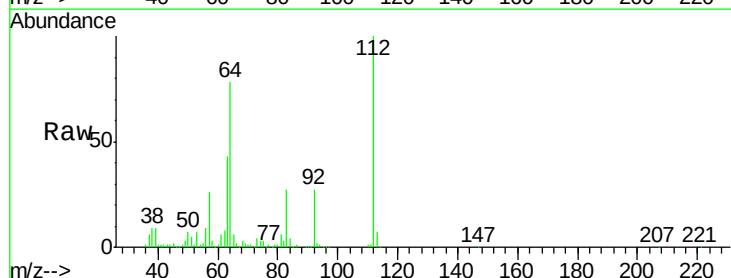
Tgt Ion:112 Resp: 946821

Ion Ratio Lower Upper

112 100

64 77.8 38.6 57.8#

63 43.3 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

800000

600000

400000

200000

0

5.42

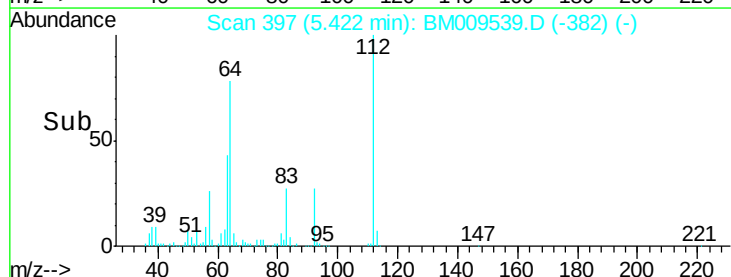
5.35

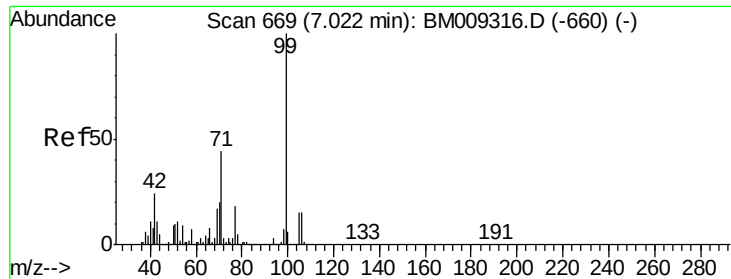
5.40

5.45

5.50

Time-->





#7

Phenol-d6

Concen: 149.78 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009539.D

Acq: 04 Apr 2017 20:51

Instrument :

BNA_M

ClientSampleId :

LSS-SP07-COMP

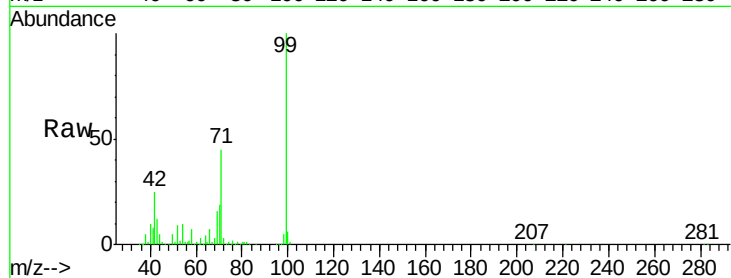
Tgt Ion: 99 Resp: 1232124

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

71 45.5 23.4 35.2#

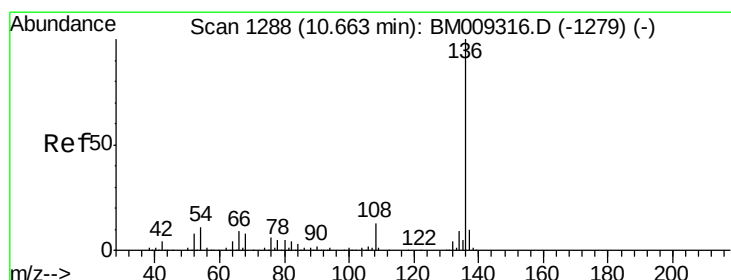
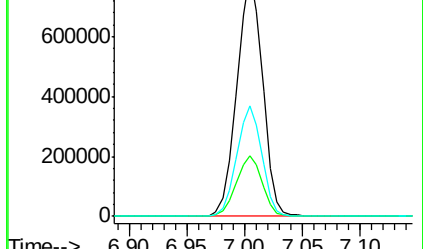
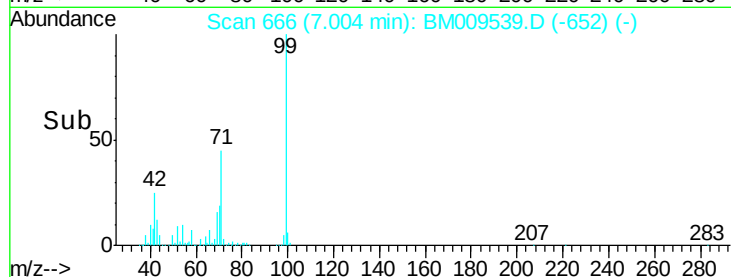


Abundance Ion 99.00 (98.70 to 99.70): BM009539.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009539.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009539.D (-652) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009539.D

Acq: 04 Apr 2017 20:51

Tgt Ion: 136 Resp: 360839

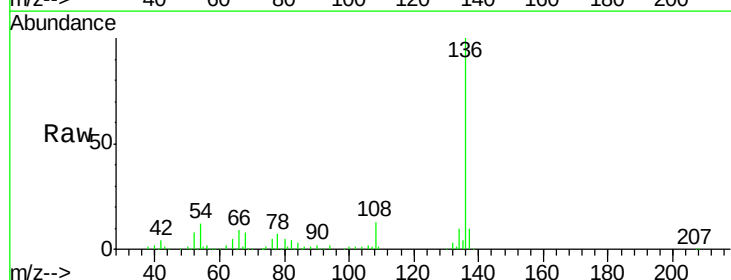
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 11.9 4.6 6.8#

68 8.0 3.7 5.5#



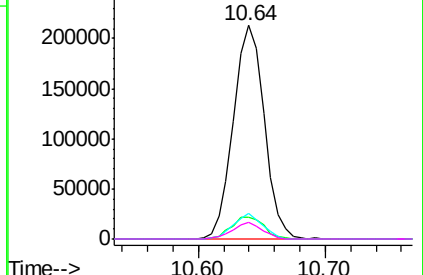
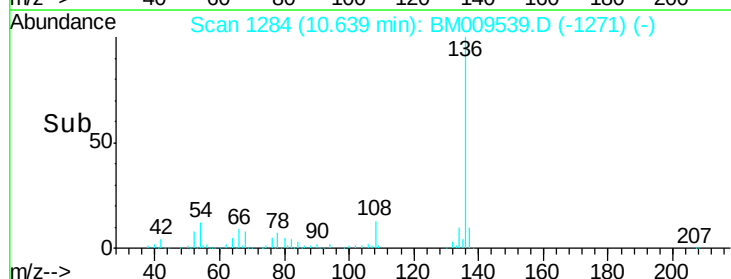
Abundance Ion 136.00 (135.70 to 136.70): BM009539.D (-1271) (-)

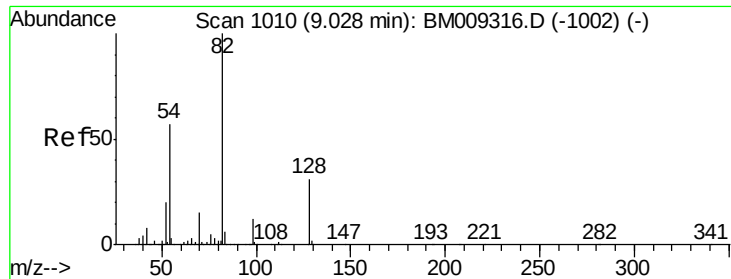
Ion 137.00 (136.70 to 137.70): BM009539.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009539.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009539.D (-1271) (-)

Time-->

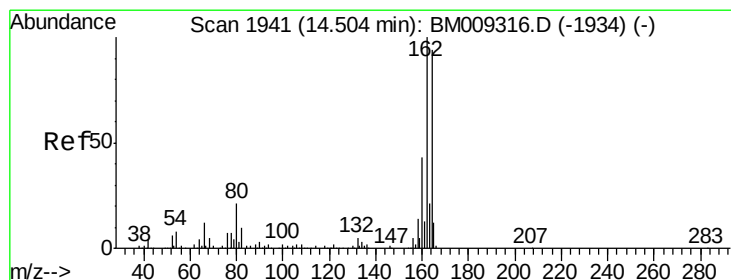
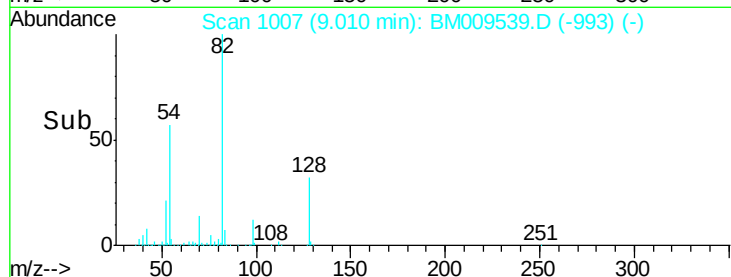
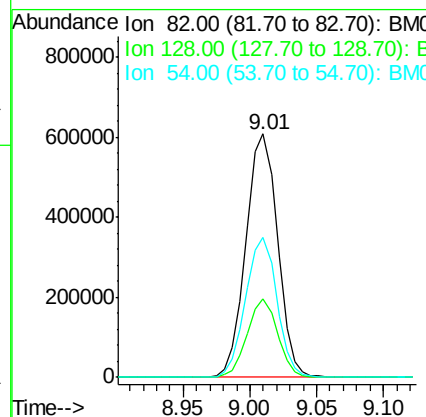
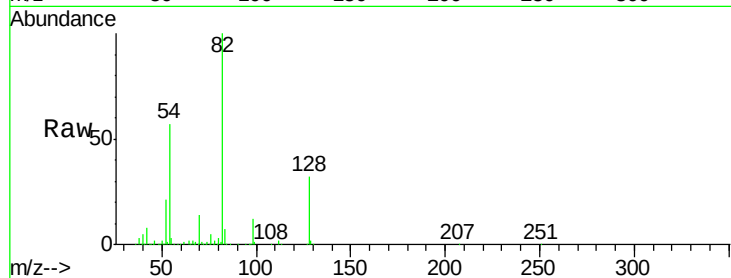




#23
 Nitrobenzene-d5
 Concen: 103.93 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009539.D
 Acq: 04 Apr 2017 20:51

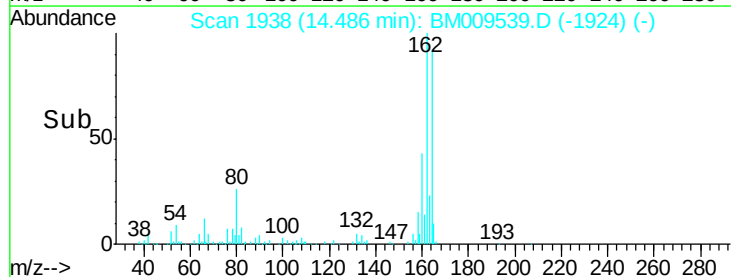
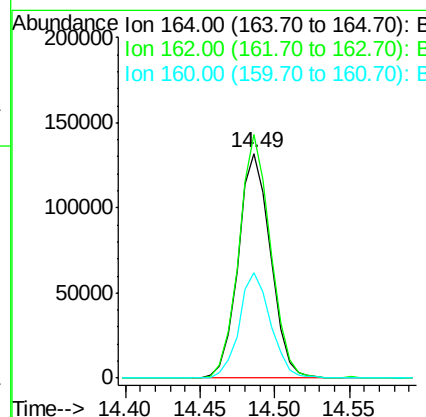
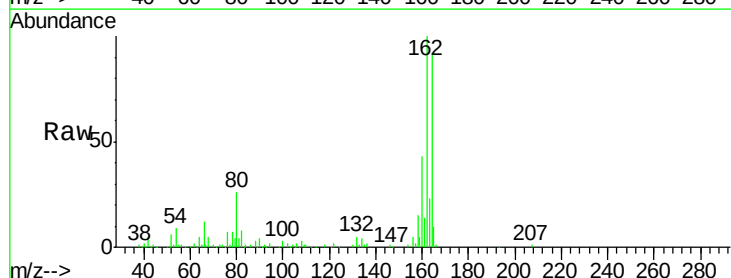
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP07-COMP

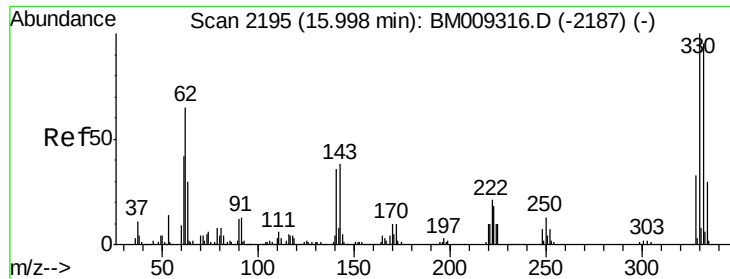
Tgt Ion: 82 Resp: 1000196
 Ion Ratio Lower Upper
 82 100
 128 32.2 32.8 49.2#
 54 57.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009539.D
 Acq: 04 Apr 2017 20:51

Tgt Ion: 164 Resp: 199236
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.4 123.6
 160 46.9 35.8 53.6

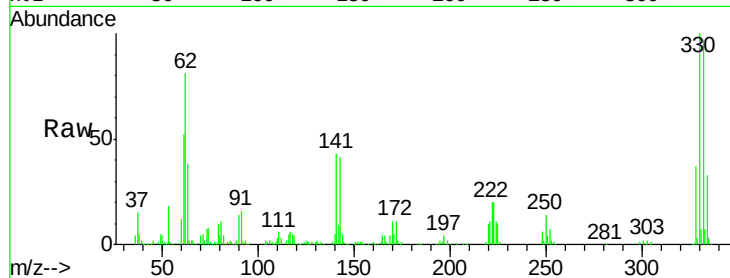




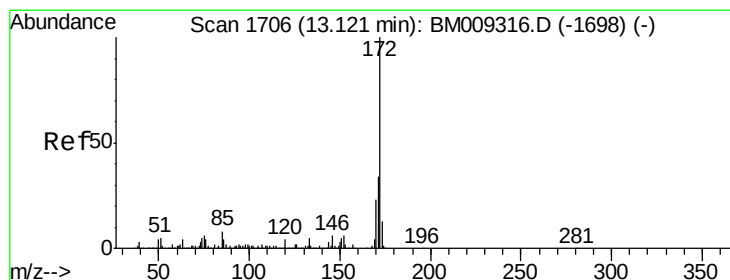
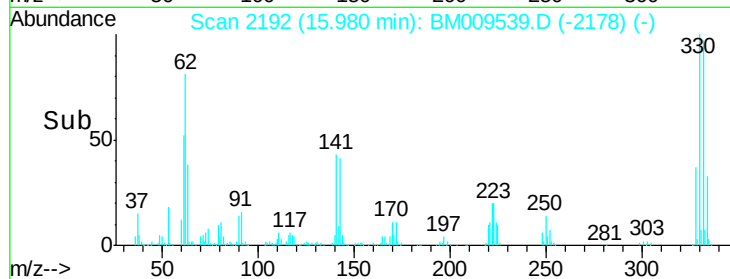
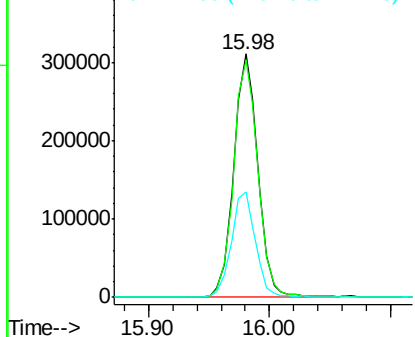
#41
 2,4,6-Tribromophenol
 Concen: 175.51 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009539.D
 Acq: 04 Apr 2017 20:51

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP07-COMP

Tgt Ion:330 Resp: 434404
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 42.7 0.0 0.0#

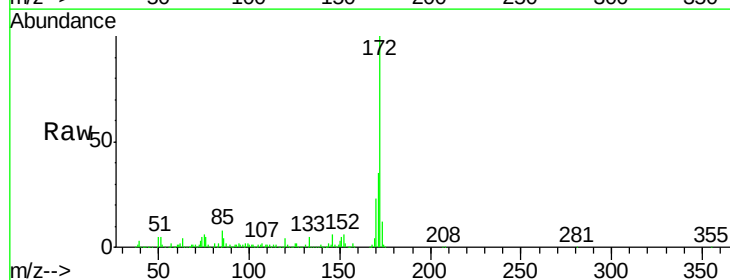


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

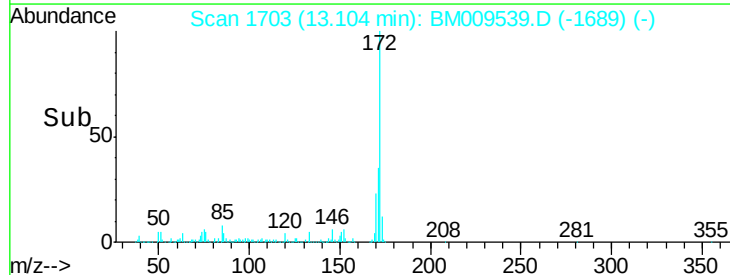
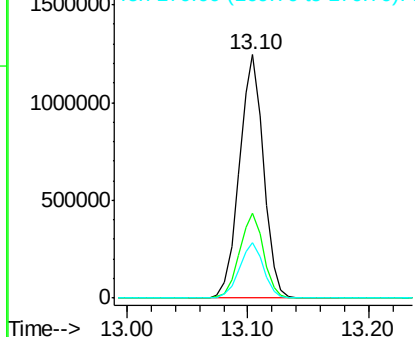


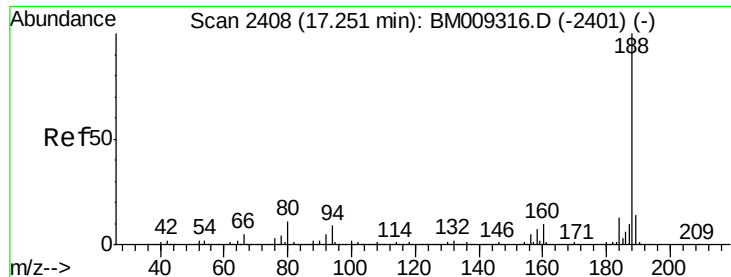
#44
 2-Fluorobiphenyl
 Concen: 104.89 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009539.D
 Acq: 04 Apr 2017 20:51

Tgt Ion:172 Resp: 1734281
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.8 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

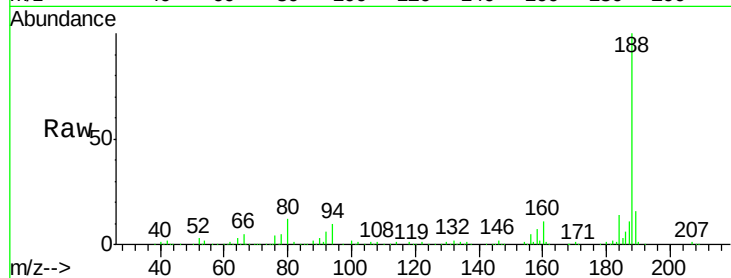




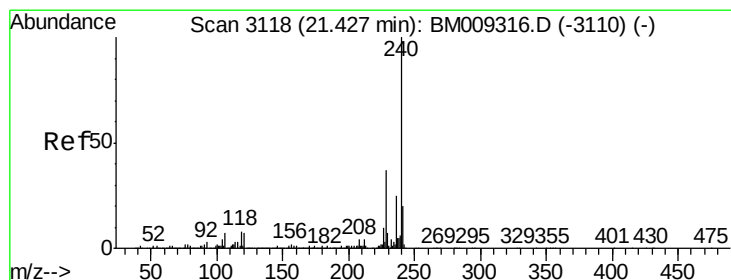
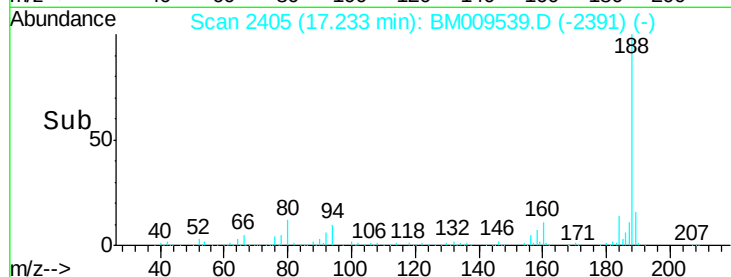
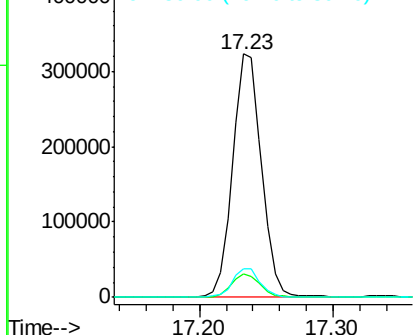
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009539.D
Acq: 04 Apr 2017 20:51

Instrument :
BNA_M
ClientSampleId :
LSS-SP07-COMP

Tgt Ion:188 Resp: 486486
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 11.5 9.3 13.9

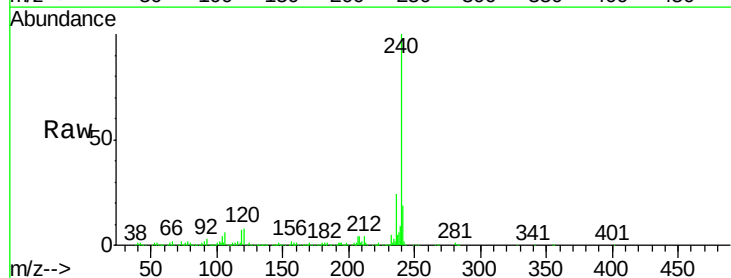


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

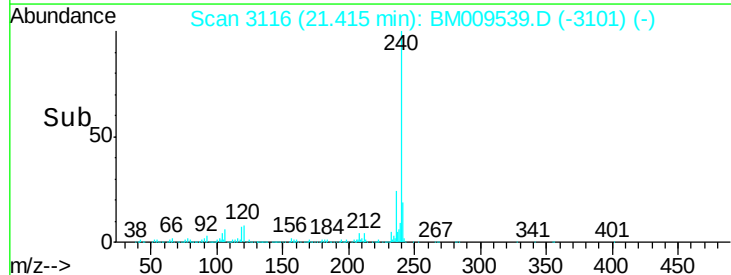
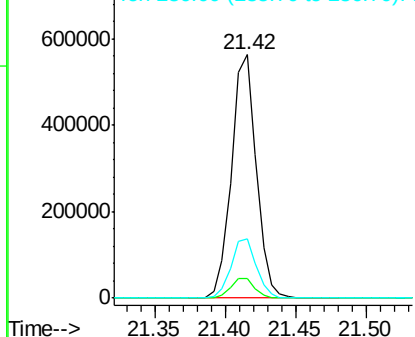


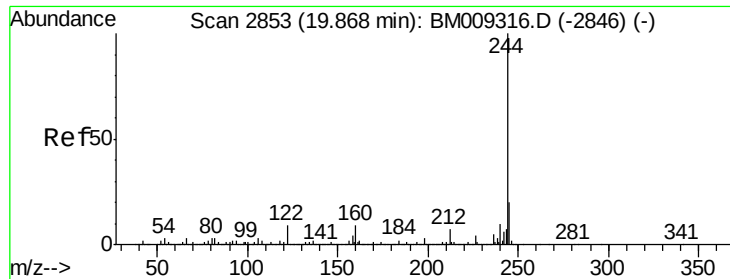
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009539.D
Acq: 04 Apr 2017 20:51

Tgt Ion:240 Resp: 690790
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 24.5 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: 91.54 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009539.D

Acq: 04 Apr 2017 20:51

Instrument :

BNA_M

ClientSampleId :

LSS-SP07-COMP

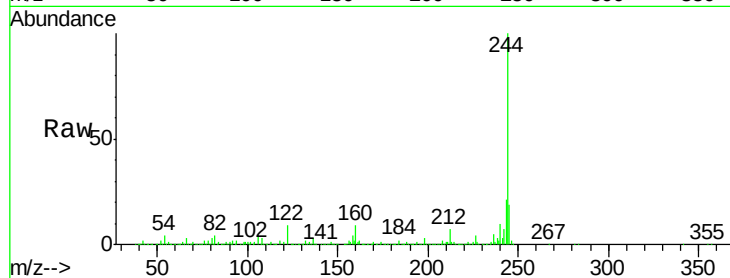
Tgt Ion:244 Resp: 3025986

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

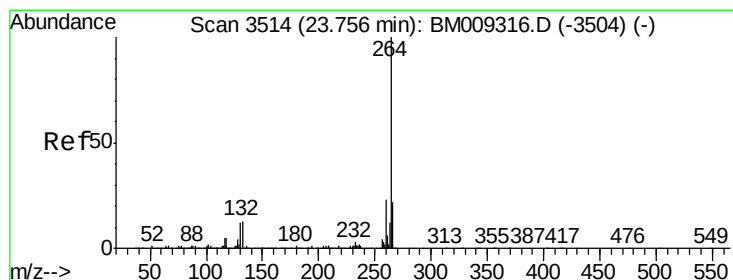
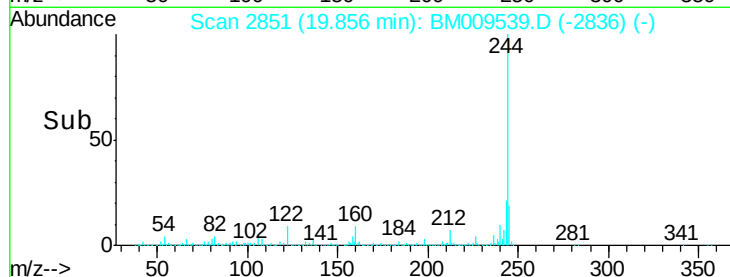
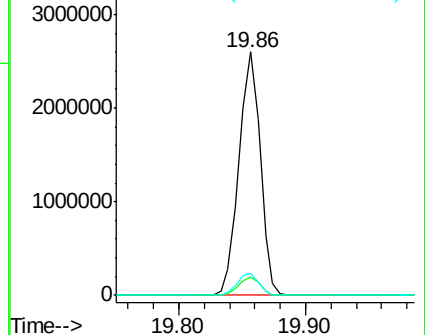
122 9.2 6.2 9.4



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: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009539.D

Acq: 04 Apr 2017 20:51

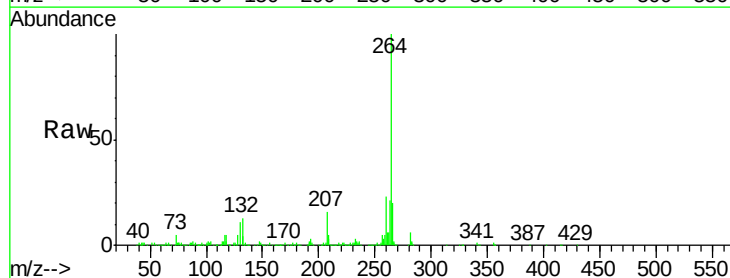
Tgt Ion:264 Resp: 551881

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.1 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

