

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009506.D
 Acq On : 03 Apr 2017 18:41
 Operator : SJ/MA
 Sample : I2493-29
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-EB

Quant Time: Apr 04 01:21:43 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	126245	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	480684	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	275787	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	672710	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	843682	20.00	ng	-0.01
86) Perylene-d12	23.73	264	782867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	517921	68.38	ng	-0.01
7) Phenol-d6	7.00	99	435616	42.18	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1221799	95.30	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	570052	166.39	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	2166714	94.67	ng	-0.02
78) Terphenyl-d14	19.86	244	3753667	92.97	ng	-0.01

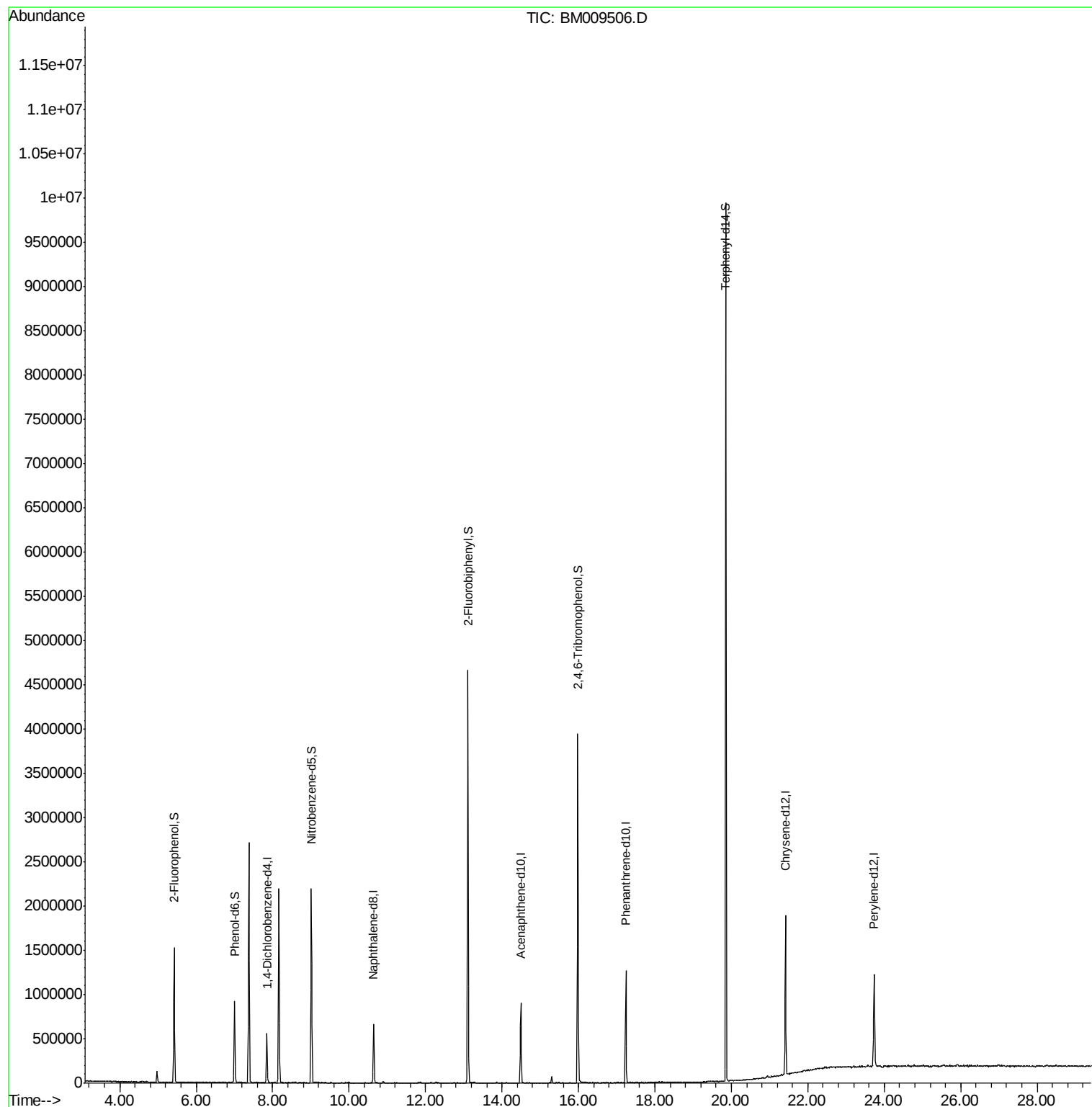
Target Compounds Qvalue

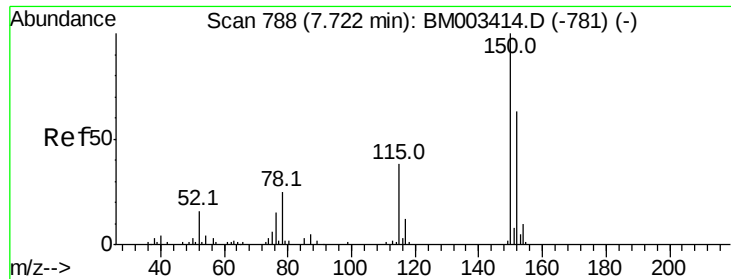
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009506.D

Acq: 03 Apr 2017 18:41

Instrument :

BNA_M

ClientSampleId :

LSS-EB

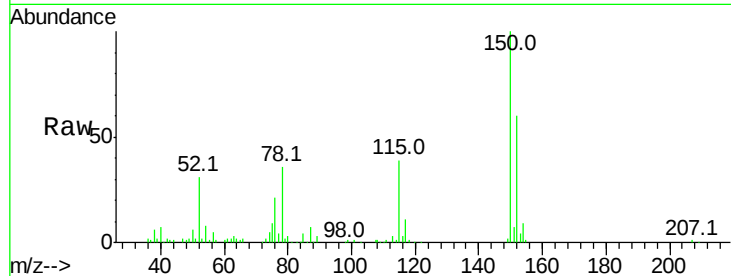
Tot Ion:152 Resp: 126245

Ion Ratio Lower Upper

152 100

150 168.0 119.5 179.3

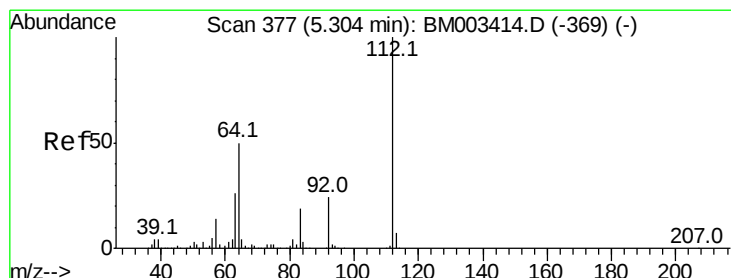
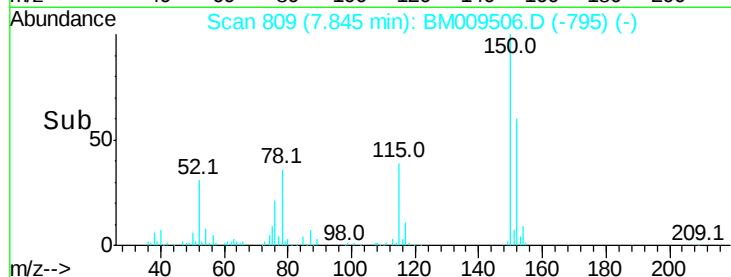
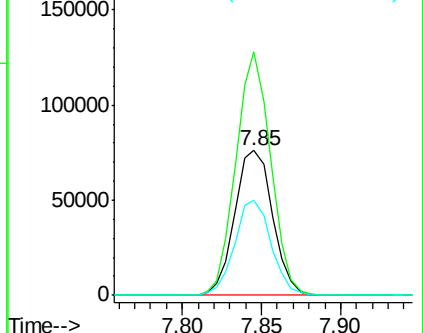
115 65.5 43.0 64.4#



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



#5

2-Fluorophenol

Concen: 68.38 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009506.D

Acq: 03 Apr 2017 18:41

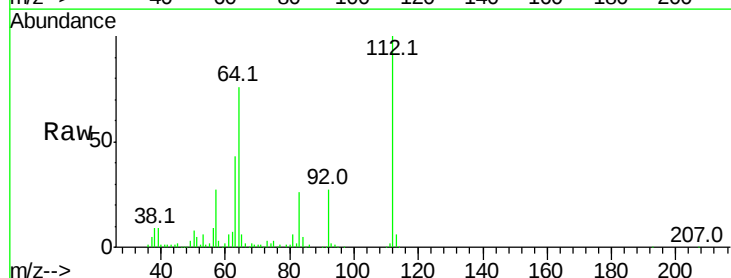
Tgt Ion:112 Resp: 517921

Ion Ratio Lower Upper

112 100

64 76.1 38.6 57.8#

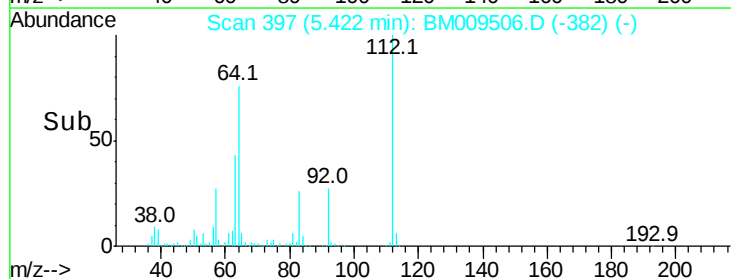
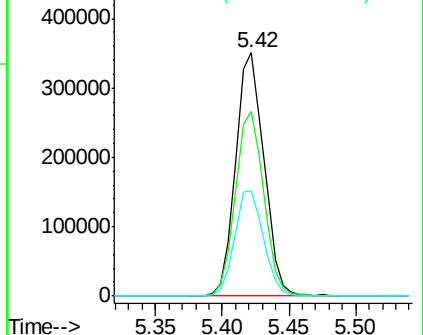
63 43.3 19.3 28.9#

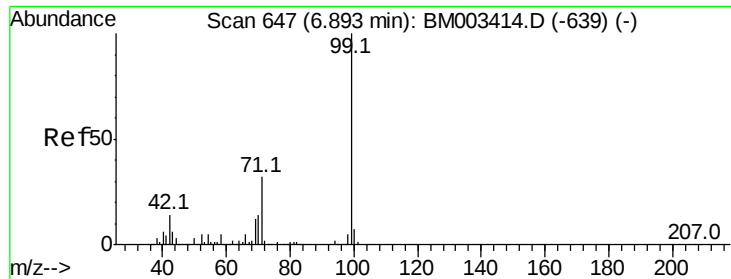


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 42.18 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009506.D

Acq: 03 Apr 2017 18:41

Instrument :

BNA_M

ClientSampleId :

LSS-EB

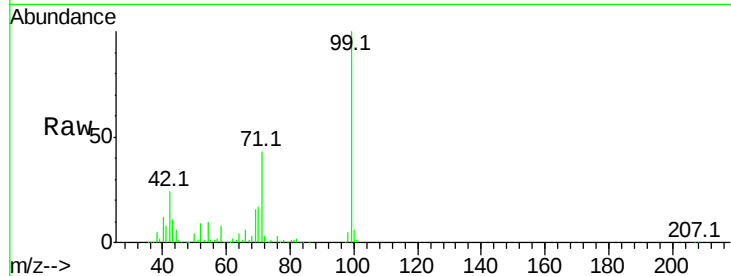
Tot Ion: 99 Resp: 435616

Ion Ratio Lower Upper

99 100

42 23.8 11.0 16.4#

71 42.9 23.4 35.2#

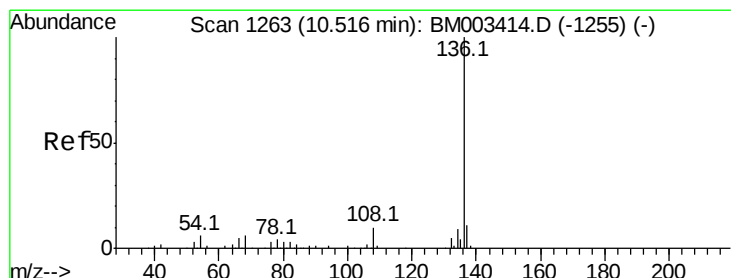
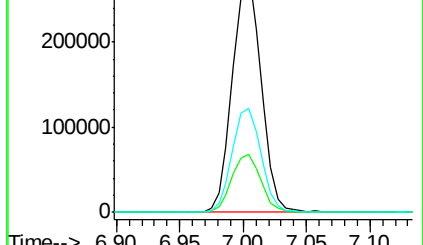
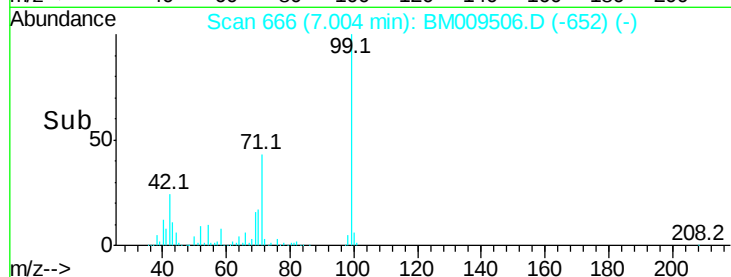


Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)

Time--> 6.90 6.95 7.00 7.05 7.10



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009506.D

Acq: 03 Apr 2017 18:41

Tgt Ion: 136 Resp: 480684

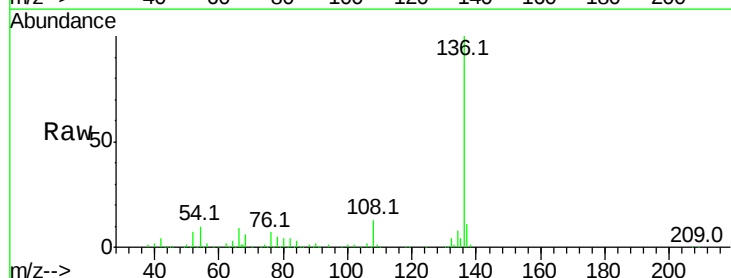
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 10.4 4.6 6.8#

68 5.8 3.7 5.5#



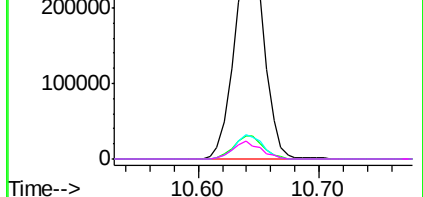
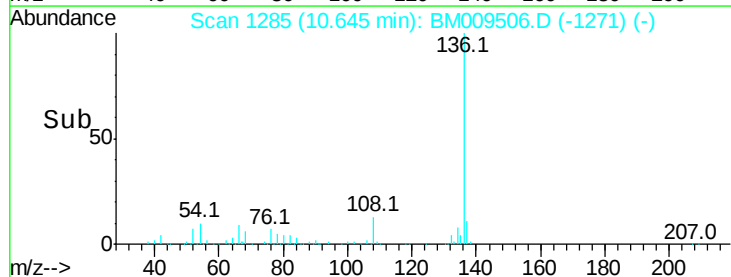
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

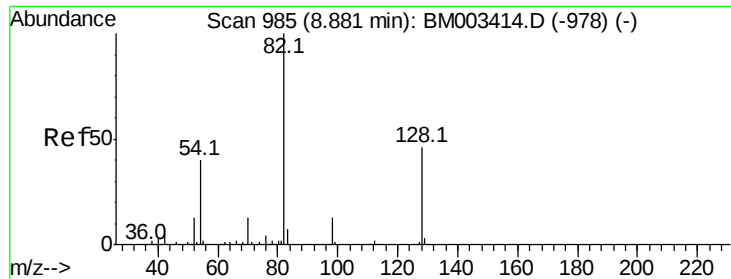
Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

Time--> 10.60 10.65 10.70

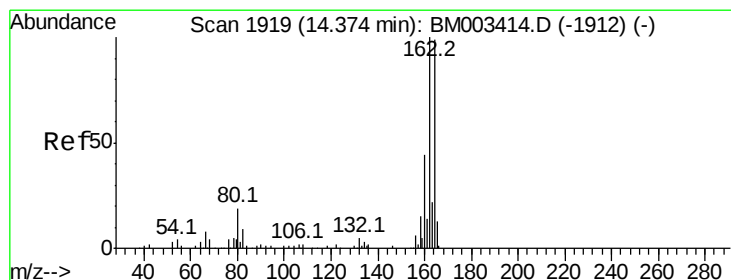
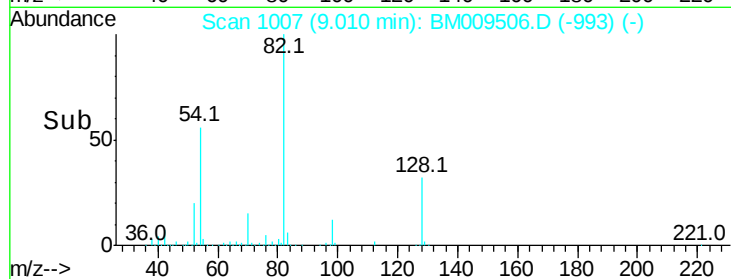
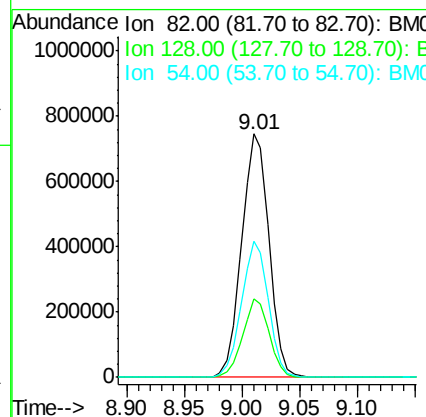
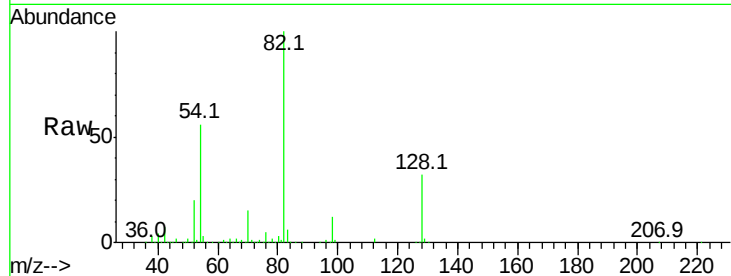




#23
 Nitrobenzene-d5
 Concen: 95.30 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

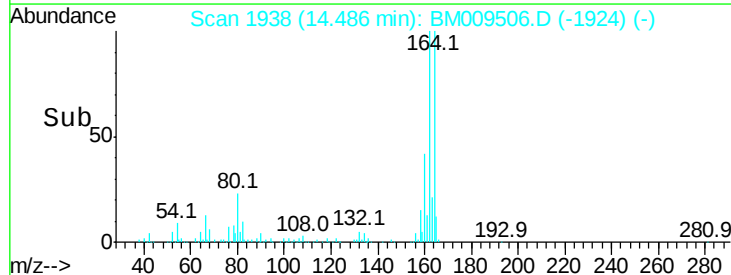
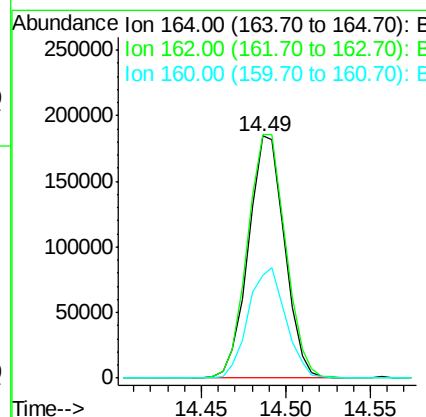
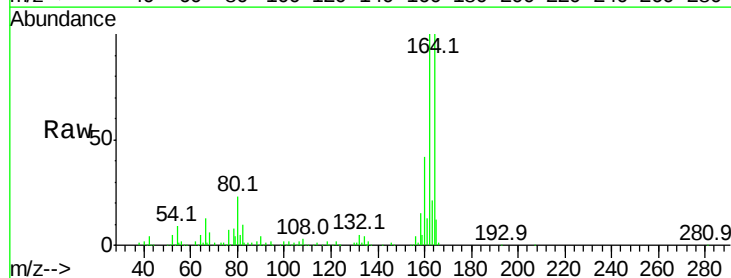
Instrument :
 BNA_M
 ClientSampleID :
 LSS-EB

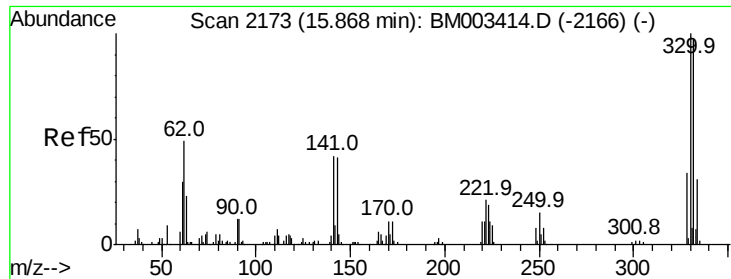
Tot Ion: 82 Resp: 1221799
 Ion Ratio Lower Upper
 82 100
 128 32.4 32.8 49.2#
 54 56.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

Tgt Ion:164 Resp: 275787
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.4 123.6
 160 42.3 35.8 53.6

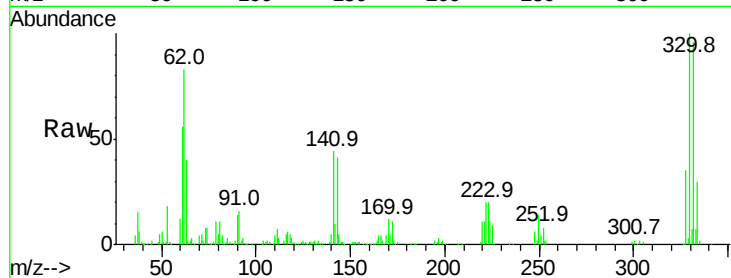




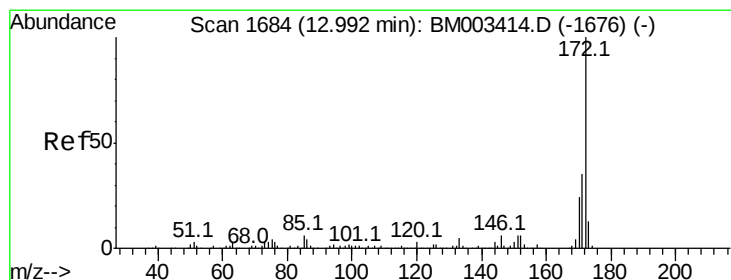
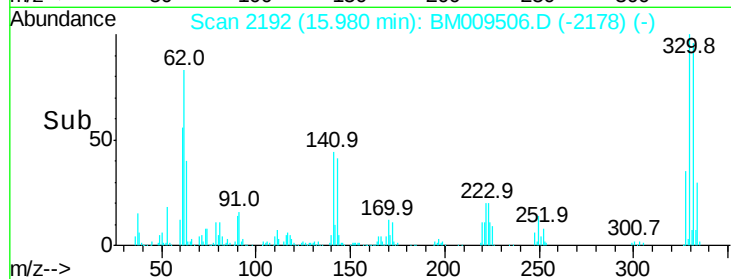
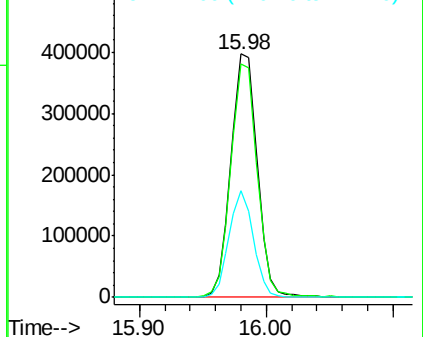
#41
 2,4,6-Tribromophenol
 Concen: 166.39 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

Instrument :
 BNA_M
 ClientSampled :
 LSS-EB

Tot Ion:330 Resp: 570052
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 40.9 0.0 0.0#

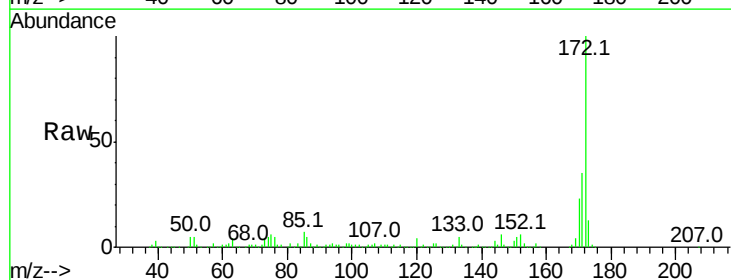


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

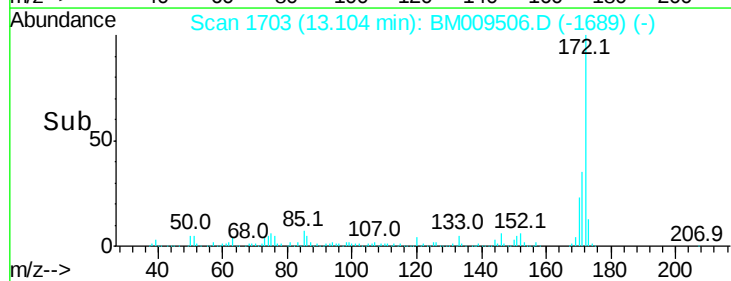
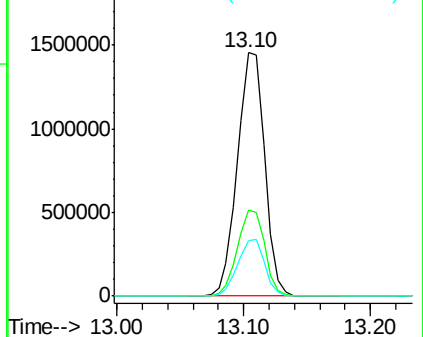


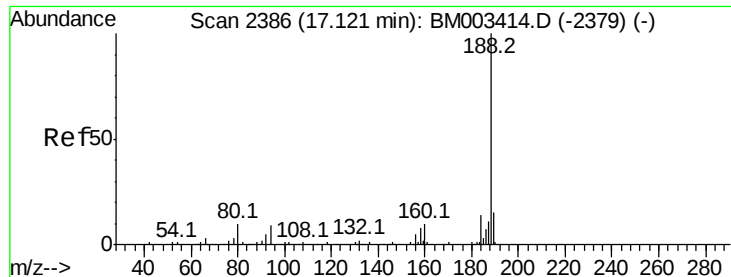
#44
 2-Fluorobiphenyl
 Concen: 94.67 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

Tgt Ion:172 Resp: 2166714
 Ion Ratio Lower Upper
 172 100
 171 35.3 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: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009506.D

Acq: 03 Apr 2017 18:41

Instrument :

BNA_M

ClientSampleId :

LSS-EB

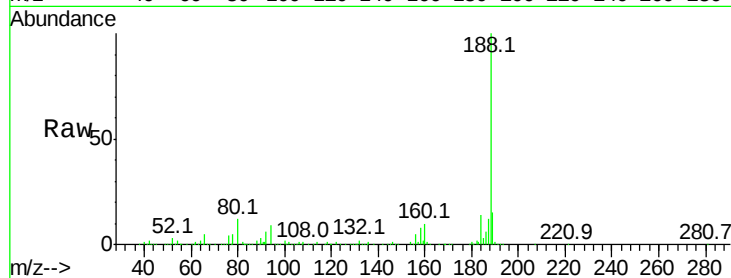
Tot Ion:188 Resp: 672710

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

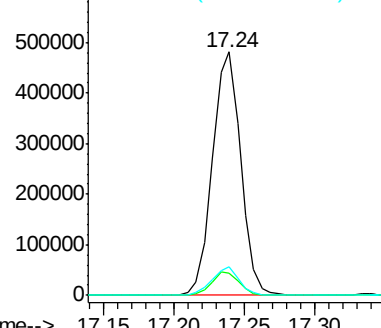
80 11.7 9.3 13.9



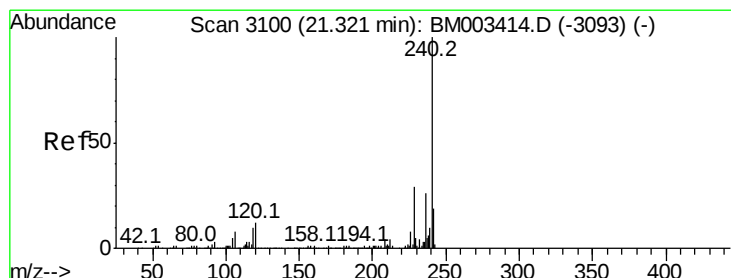
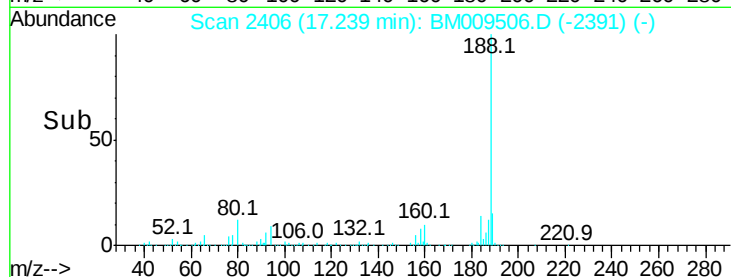
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009506.D

Acq: 03 Apr 2017 18:41

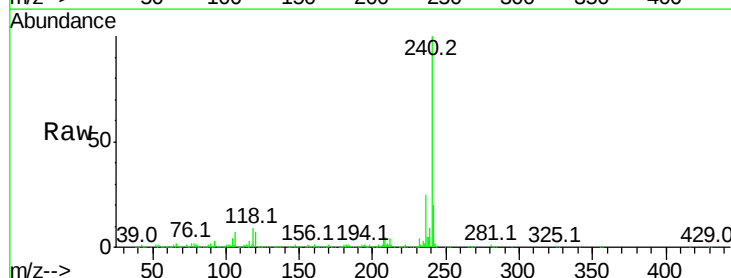
Tgt Ion:240 Resp: 843682

Ion Ratio Lower Upper

240 100

120 7.3 8.2 12.2#

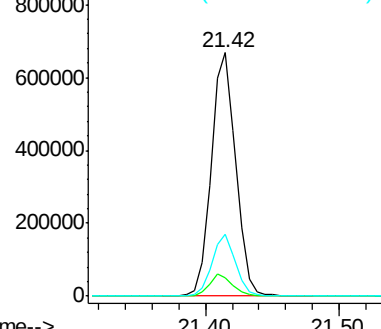
236 25.4 20.0 30.0



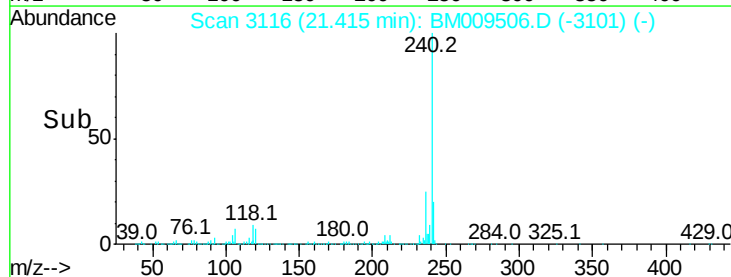
Abundance Ion 240.00 (239.70 to 240.70): E

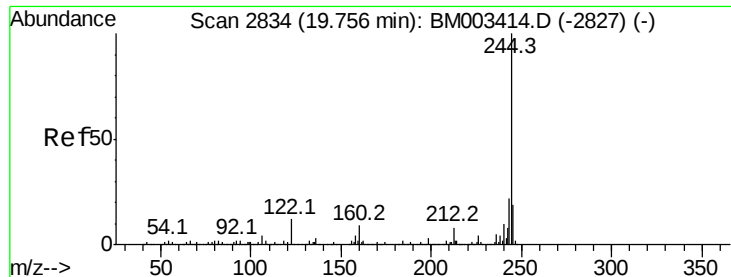
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



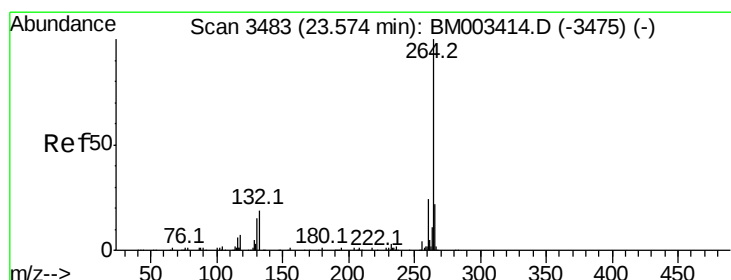
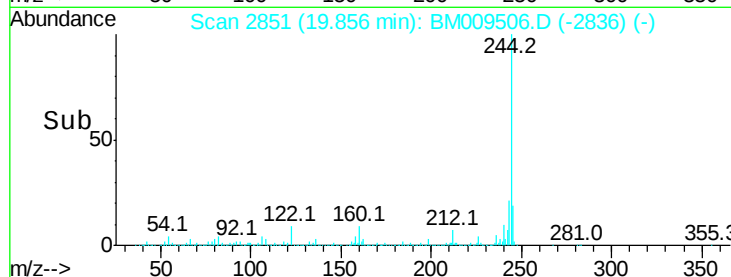
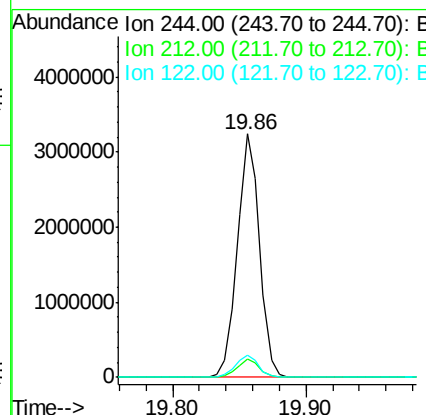
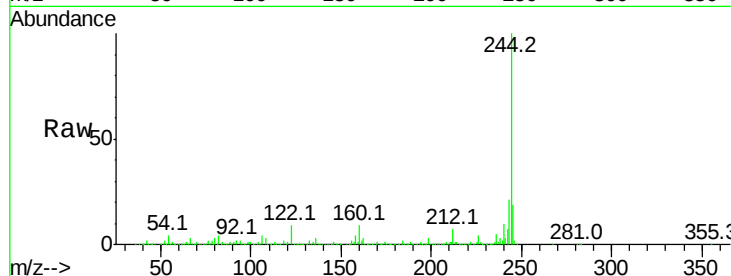


#78
 Terphenyl-d14
 Concen: 92.97 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

Instrument :
 BNA_M
 ClientSampleID :
 LSS-EB

Tot Ion:244 Resp: 3753667

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	9.3	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.73 min Scan# 3510
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

Tgt Ion:264 Resp: 782867

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.6	27.8
265	21.2	17.3	25.9

