

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

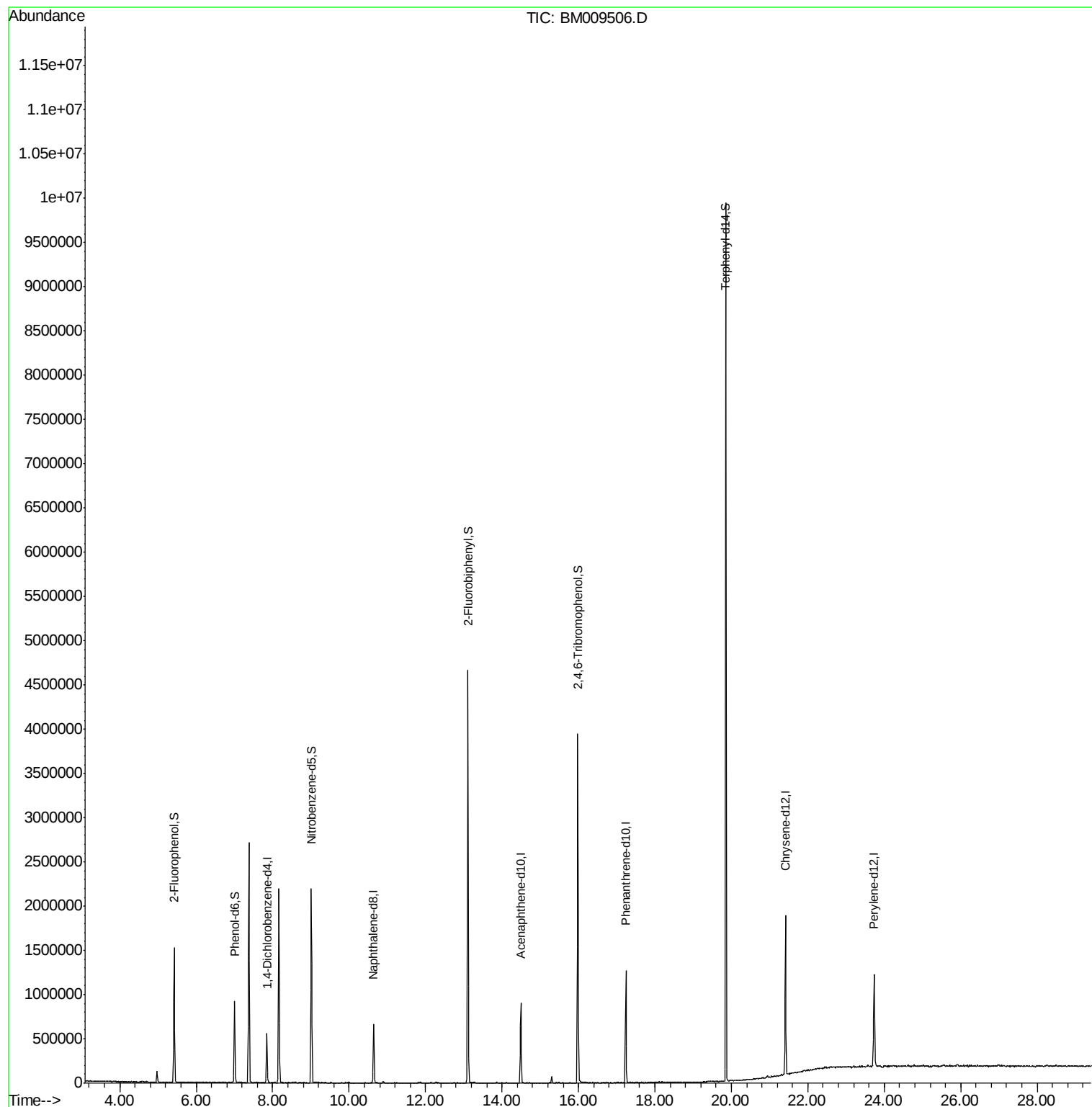
Target Compounds Qvalue

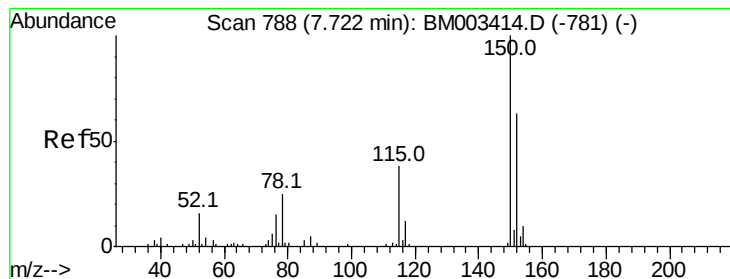
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

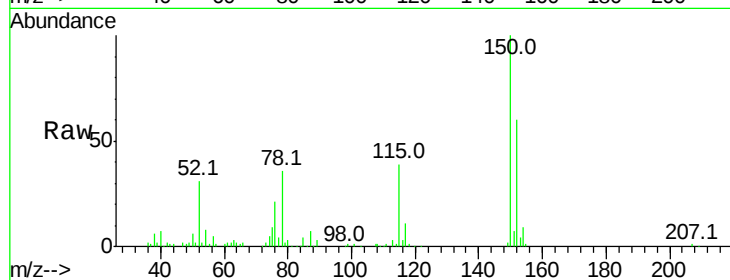
Tot Ion:152 Resp: 126245

Ion Ratio Lower Upper

152 100

150 168.0 119.5 179.3

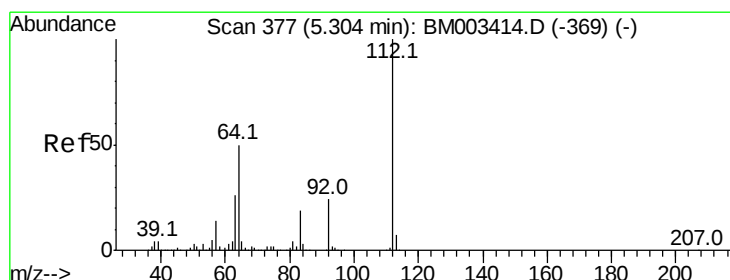
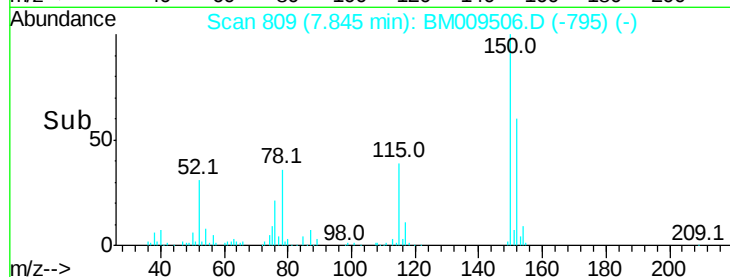
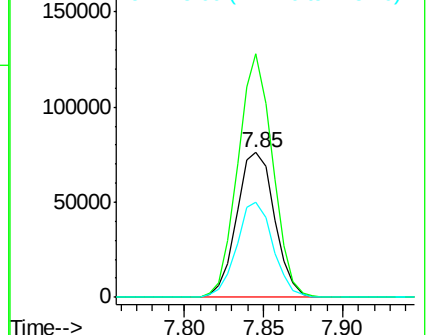
115 65.5 43.0 64.4#



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

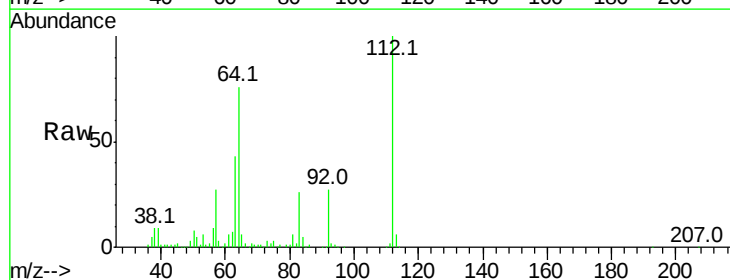
Tgt Ion:112 Resp: 517921

Ion Ratio Lower Upper

112 100

64 76.1 38.6 57.8#

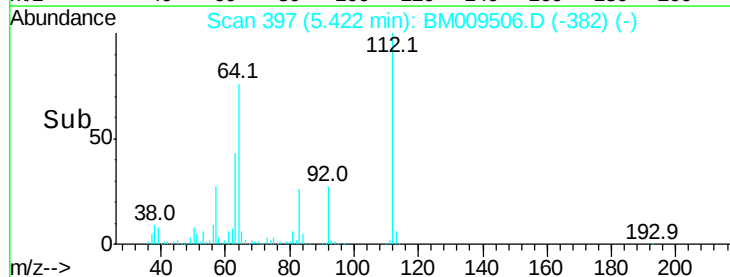
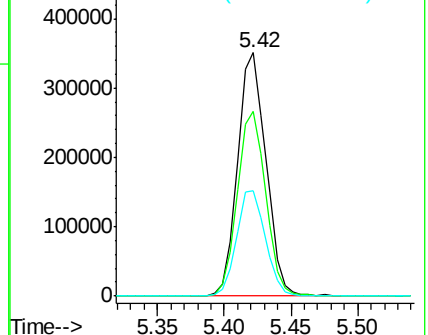
63 43.3 19.3 28.9#

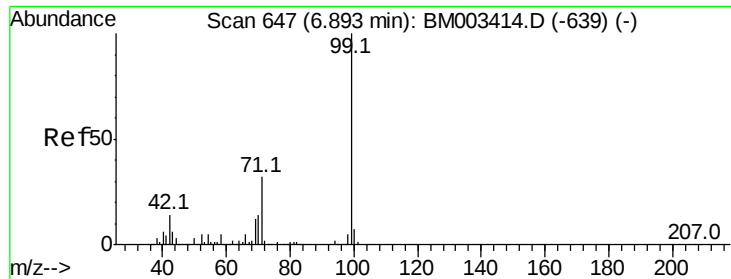


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#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

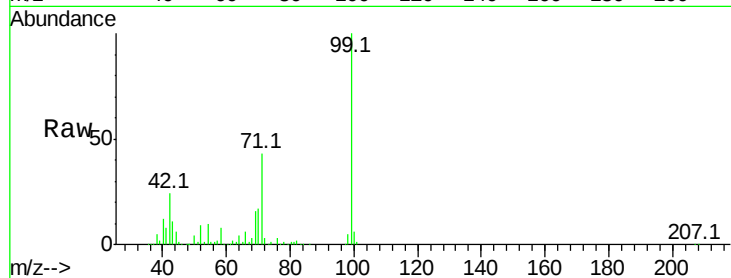
Tot Ion: 99 Resp: 435616

Ion Ratio Lower Upper

99 100

42 23.8 11.0 16.4#

71 42.9 23.4 35.2#

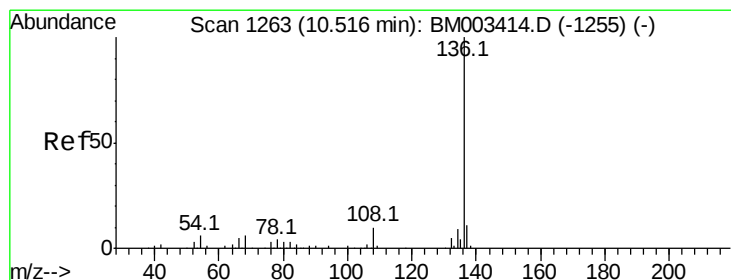
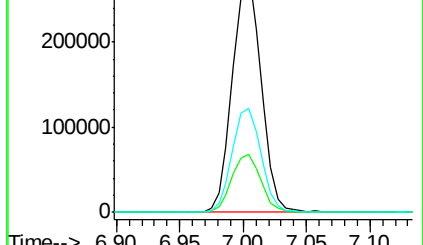
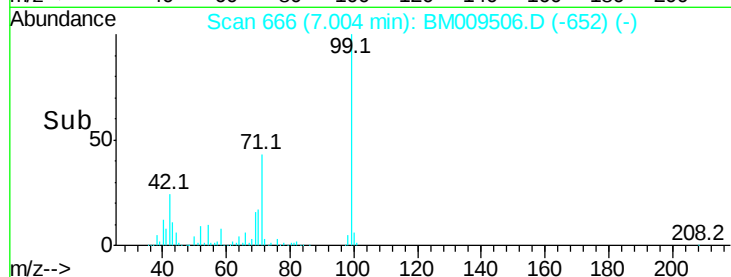


Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

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

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

Time-->



#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

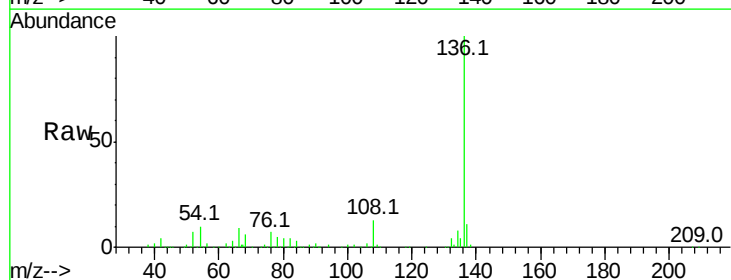
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 10.4 4.6 6.8#

68 5.8 3.7 5.5#



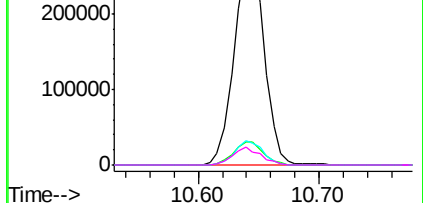
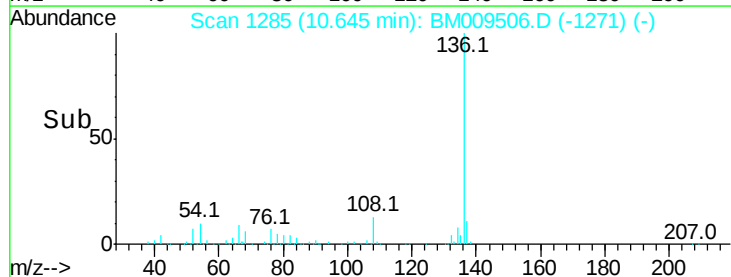
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

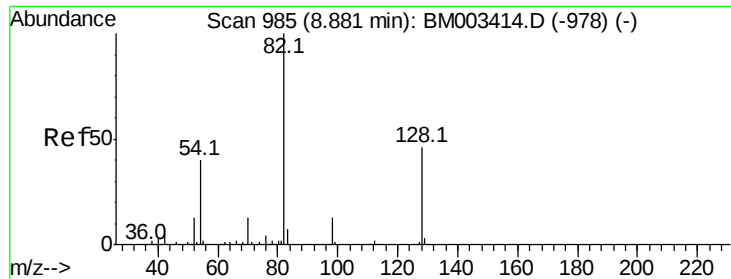
Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

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

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

Time-->

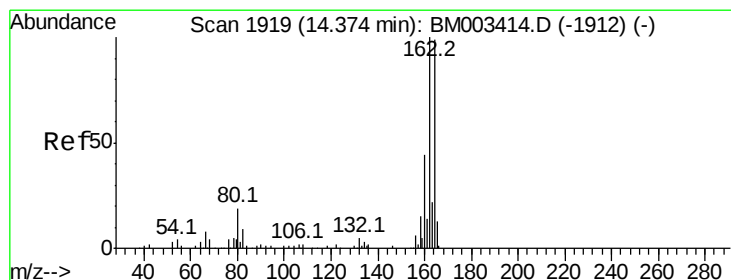
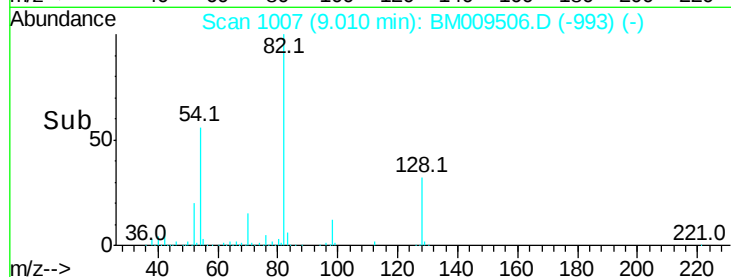
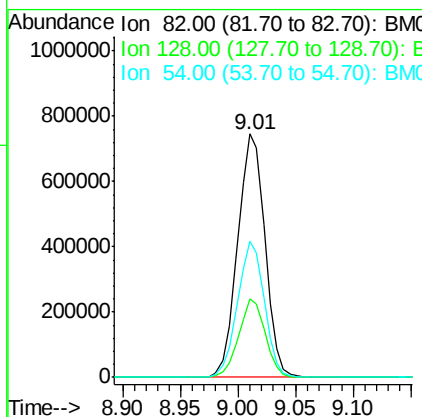
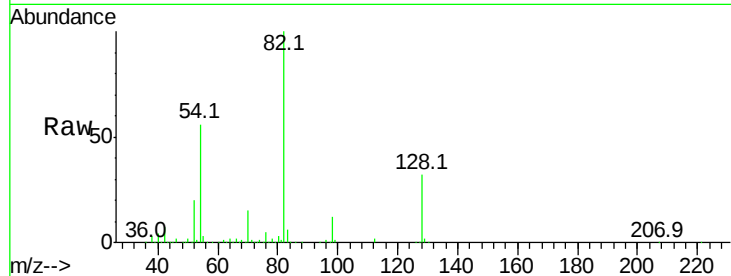




#23
 Nitrobenzene-d5
 Concen: 95.30 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

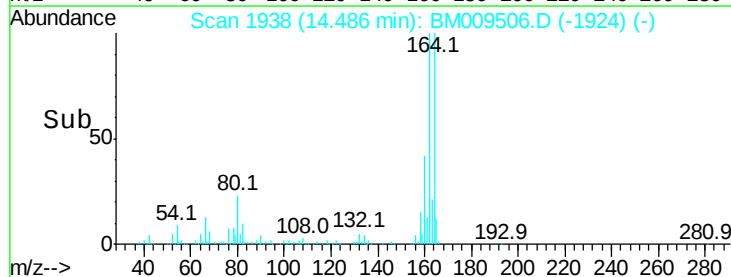
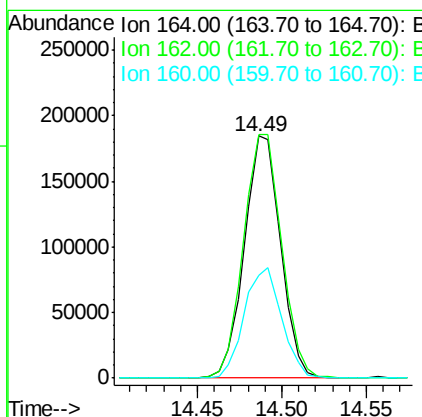
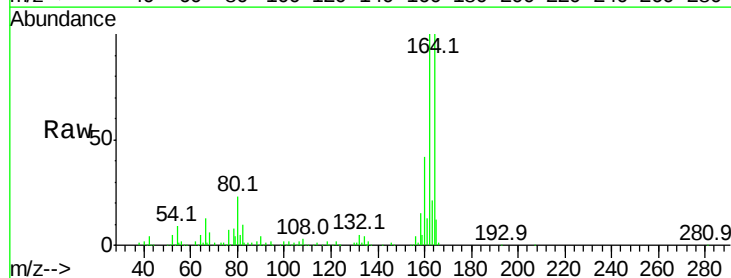
Instrument :
 BNA_M
 ClientSampleID :
 LSS-EB

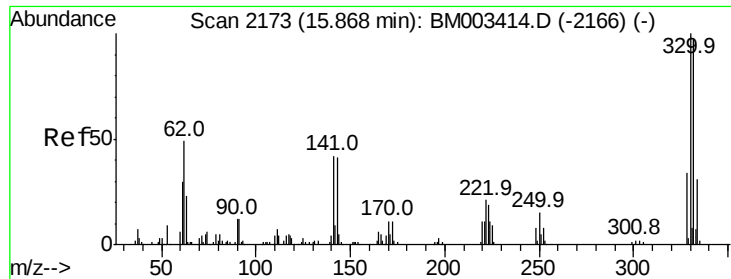
Tot Ion: 82 Resp: 1221799
 Ion Ratio Lower Upper
 82 100
 128 32.4 32.8 49.2#
 54 56.1 40.6 60.8



#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

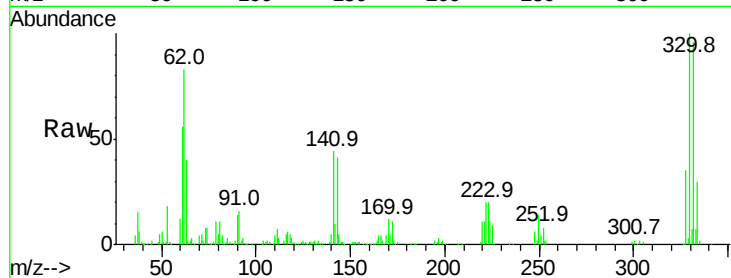




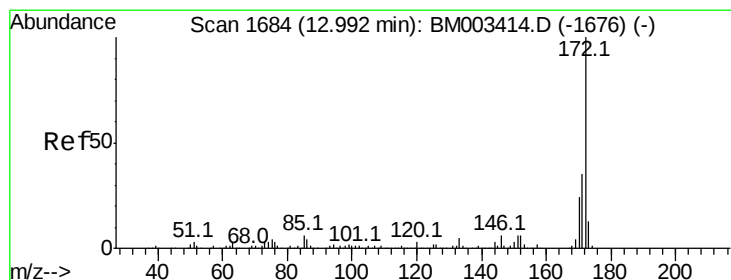
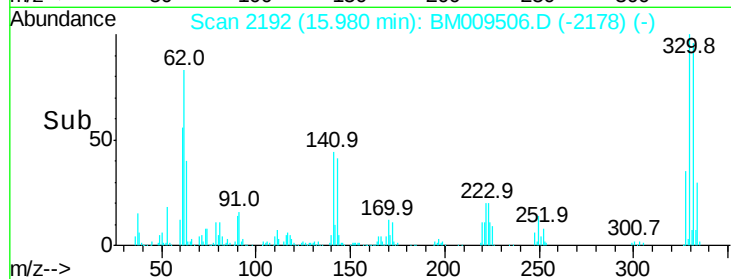
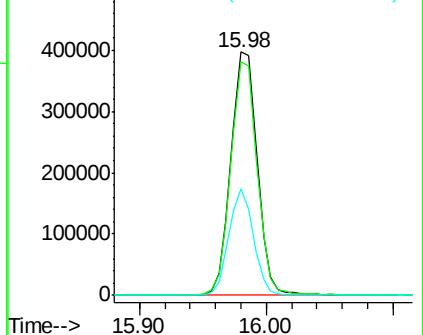
#41
 2,4,6-Tribromophenol
 Concen: 166.39 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

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#

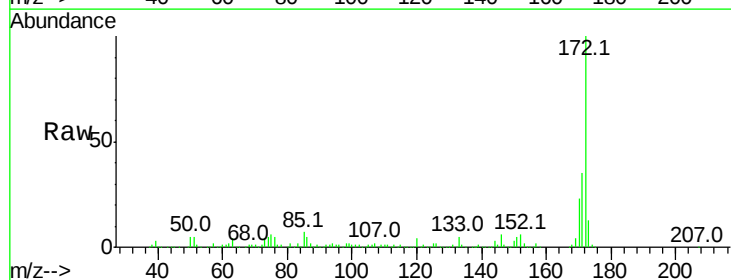


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

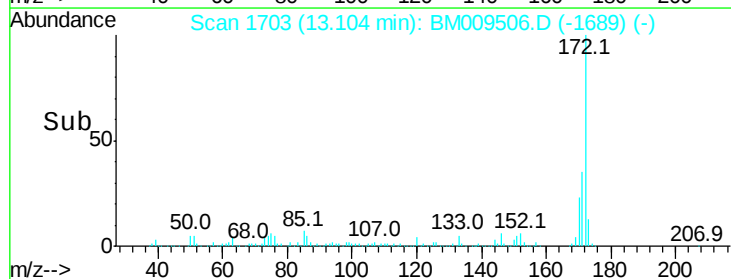
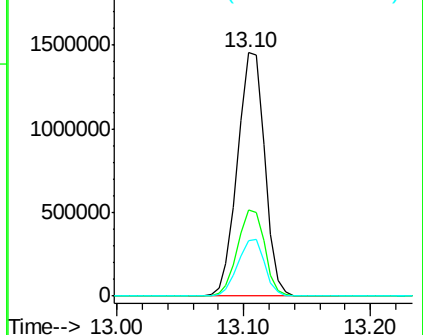


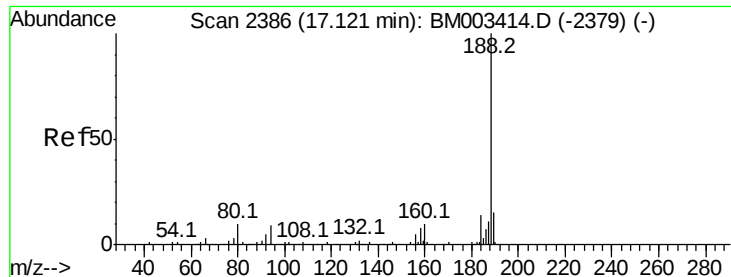
#44
 2-Fluorobiphenyl
 Concen: 94.67 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009506.D
 Acq: 03 Apr 2017 18:41

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

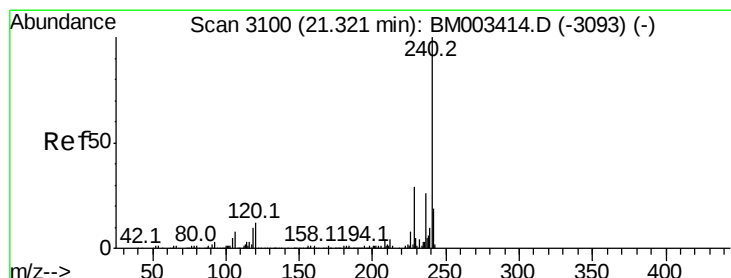
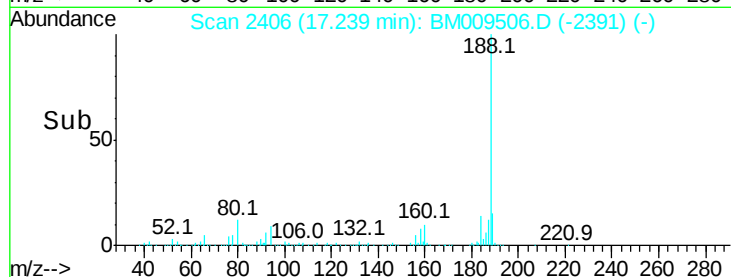
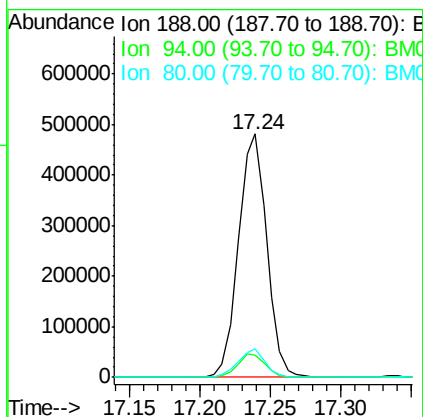
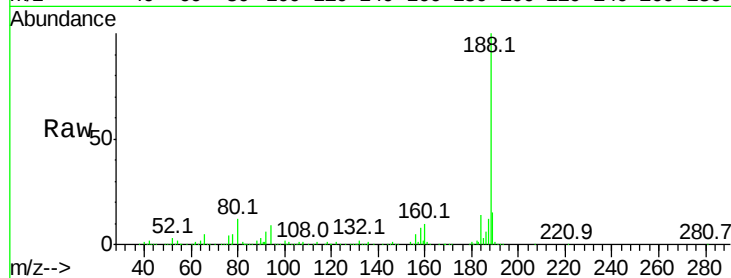




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009506.D
Acq: 03 Apr 2017 18:41

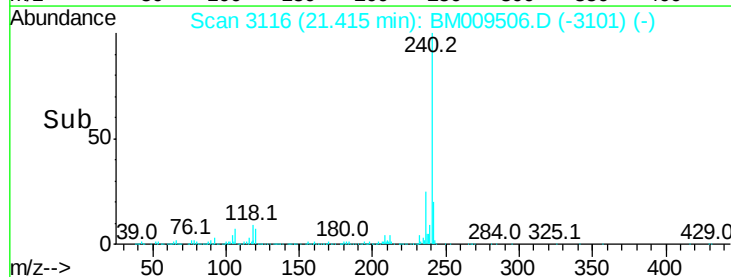
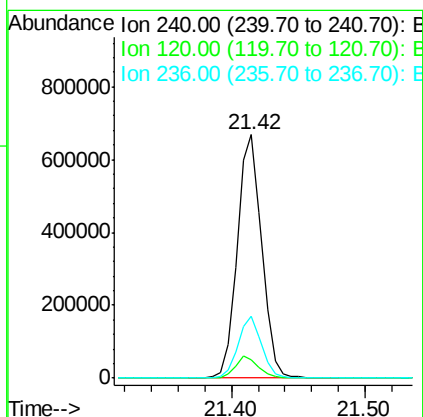
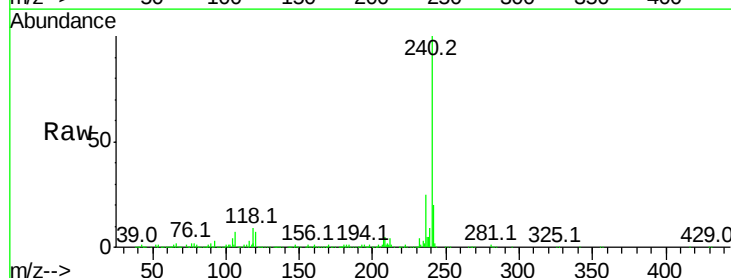
Instrument :
BNA_M
ClientSampleId :
LSS-EB

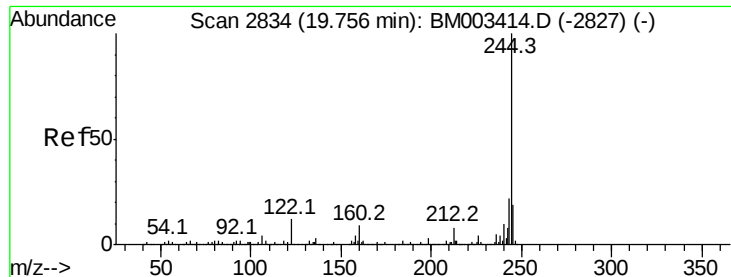
Tot Ion:188 Resp: 672710
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 11.7 9.3 13.9



#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





#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

ClientSampled :

LSS-EB

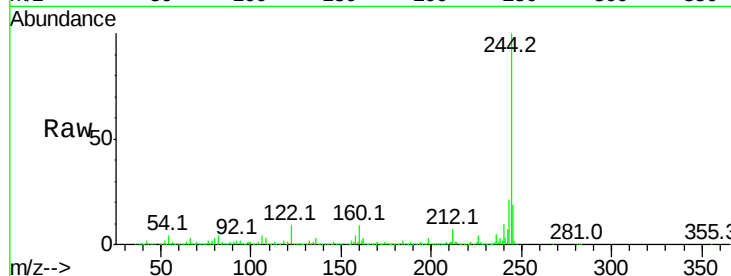
Tot Ion:244 Resp: 3753667

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

244 100

212 7.3 4.9 7.3

122 9.3 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

19.86

3000000

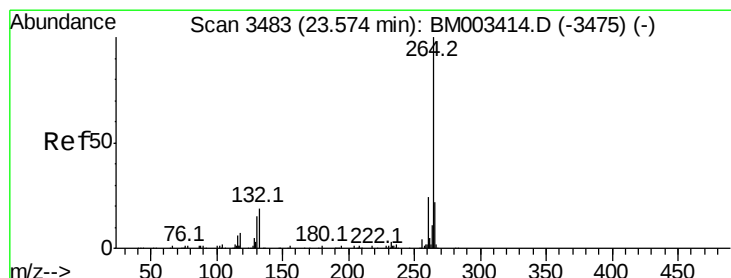
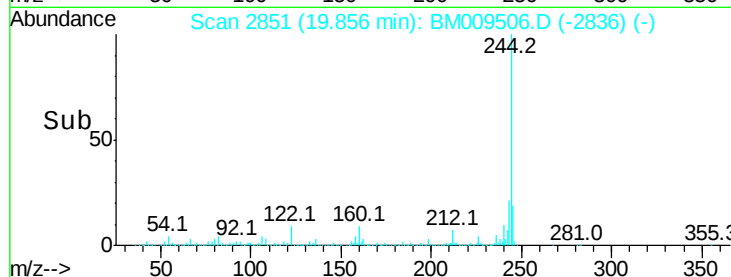
2000000

1000000

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Time-->

19.80 19.90



#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

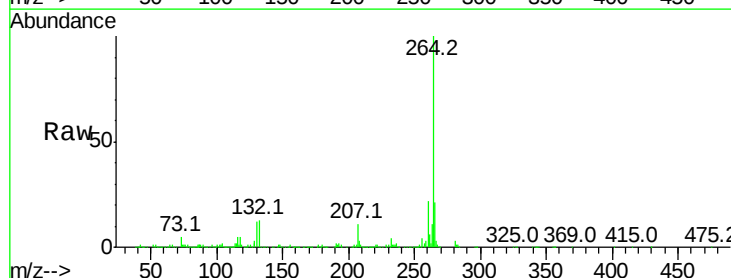
Tgt Ion:264 Resp: 782867

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

264 100

260 21.7 18.6 27.8

265 21.2 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

23.73

500000

400000

300000

200000

100000

0

Time-->

23.60 23.70 23.80

