

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009519.D
 Acq On : 04 Apr 2017 02:28
 Operator : SJ/MA
 Sample : I2507-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-14-S1(1.5-2.0)

Quant Time: Apr 04 03:43:45 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

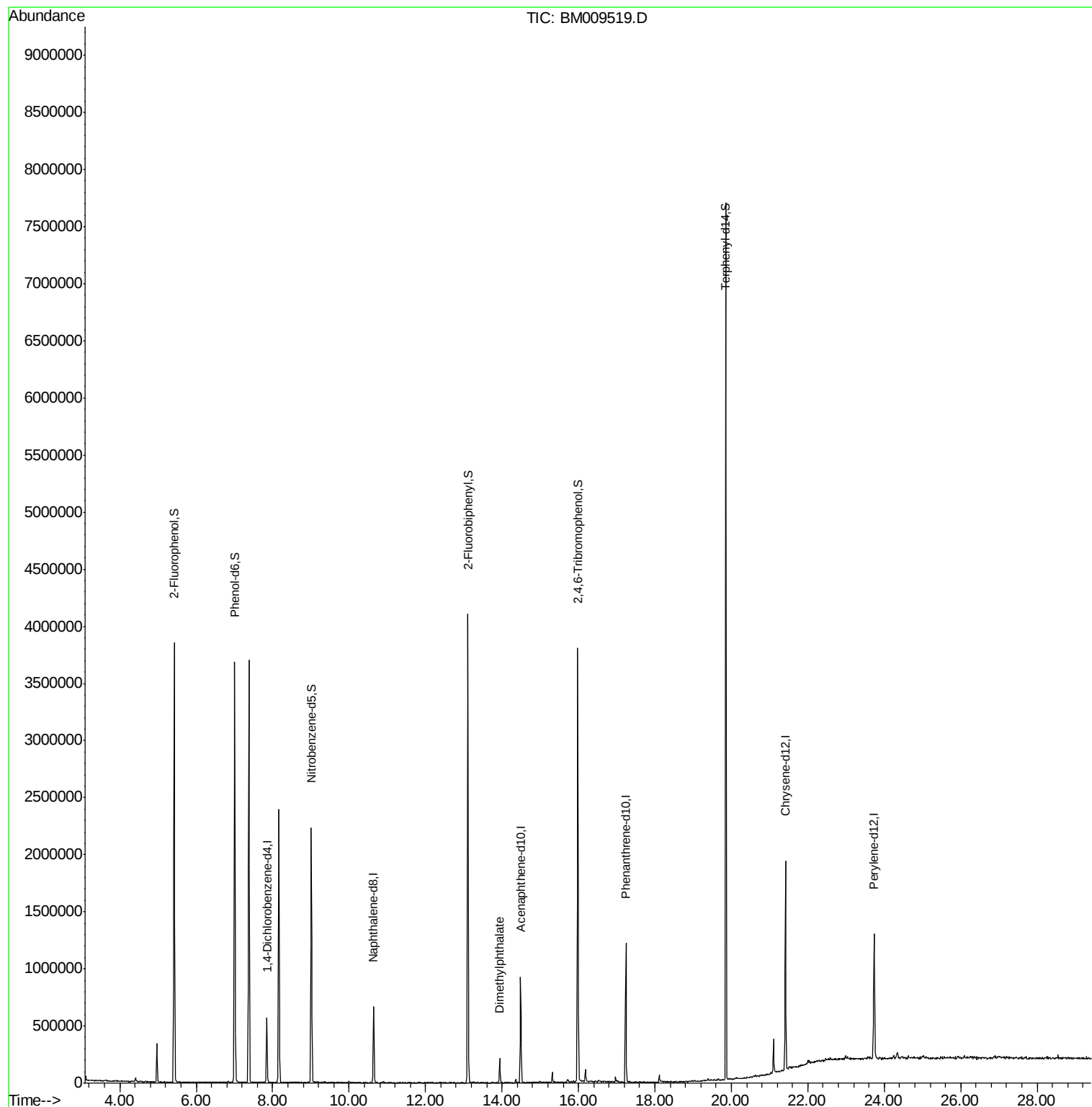
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	125488	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	483158	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	276695	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	671059	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	874489	20.00	ng	-0.01
86) Perylene-d12	23.74	264	799236	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1270217	168.72	ng	-0.01
7) Phenol-d6	7.01	99	1791069	174.46	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1234246	95.78	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	552472	160.73	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1900245	82.75	ng	-0.02
78) Terphenyl-d14	19.86	244	2903030	69.37	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.94	163	116107	5.47	ng	Qvalue # 96

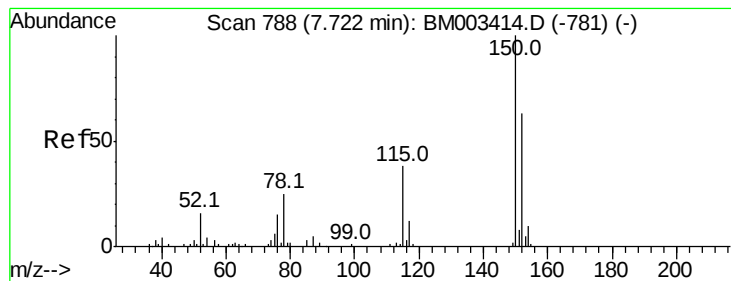
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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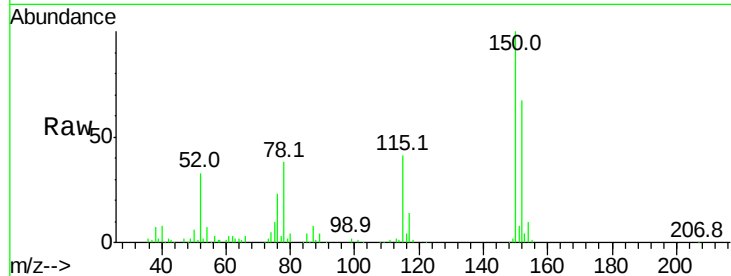


#1

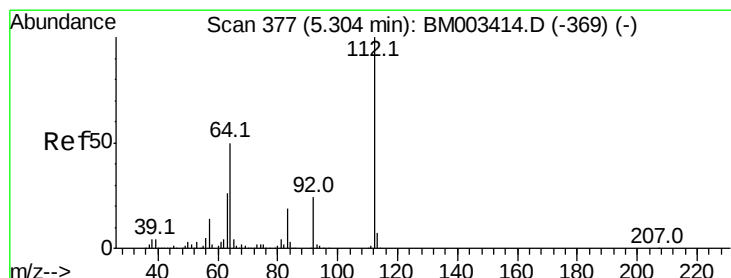
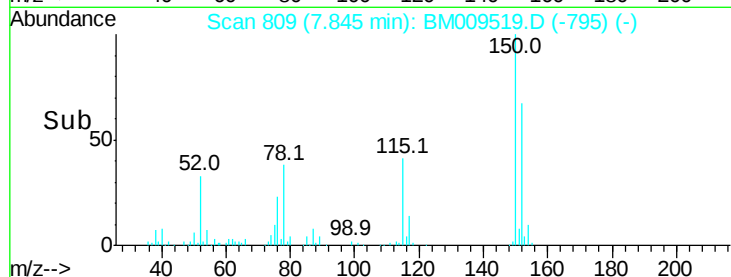
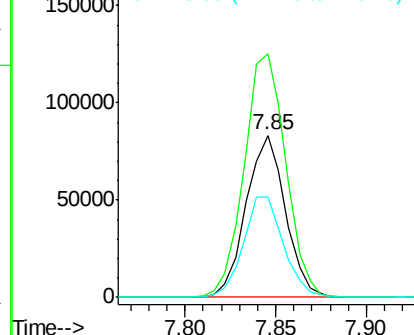
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009519.D
Acq: 04 Apr 2017 02:28

Instrument :
BNA_M
ClientSampleId :
B-14-S1(1.5-2.0)

Tot Ion:152 Resp: 125488
Ion Ratio Lower Upper
152 100
150 150.1 119.5 179.3
115 61.6 43.0 64.4



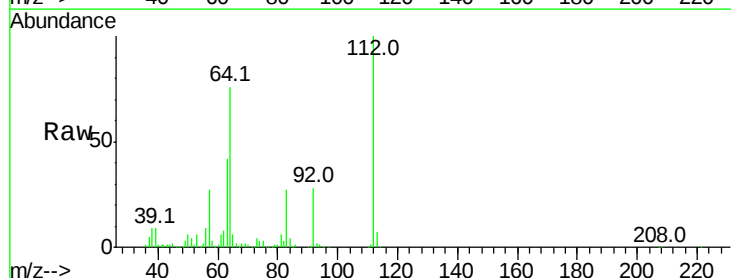
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



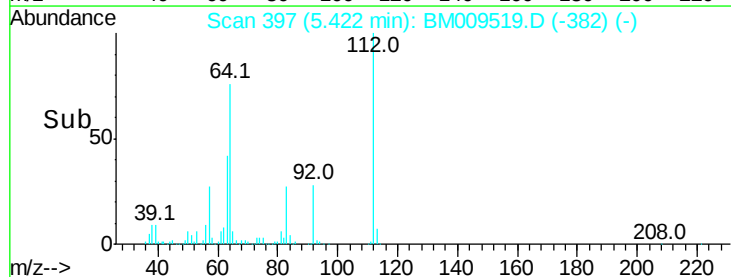
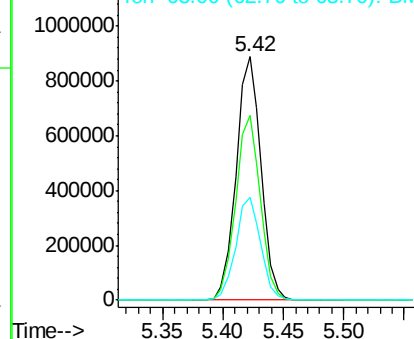
#5

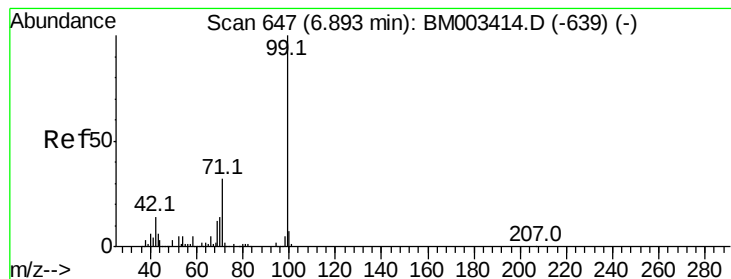
2-Fluorophenol
Concen: 168.72 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009519.D
Acq: 04 Apr 2017 02:28

Tgt Ion:112 Resp: 1270217
Ion Ratio Lower Upper
112 100
64 75.7 38.6 57.8#
63 42.2 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: 174.46 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009519.D

Acq: 04 Apr 2017 02:28

Instrument :

BNA_M

ClientSampleId :

B-14-S1(1.5-2.0)

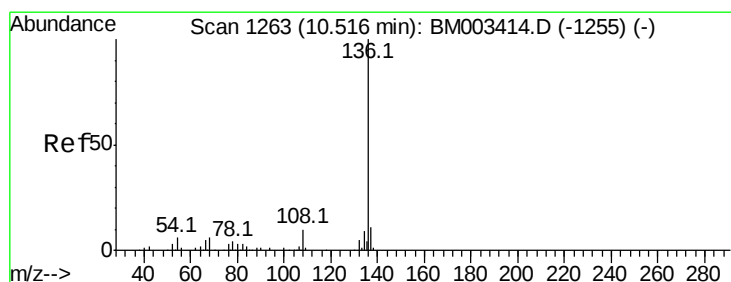
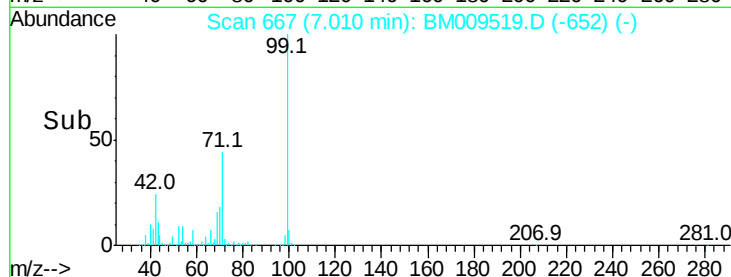
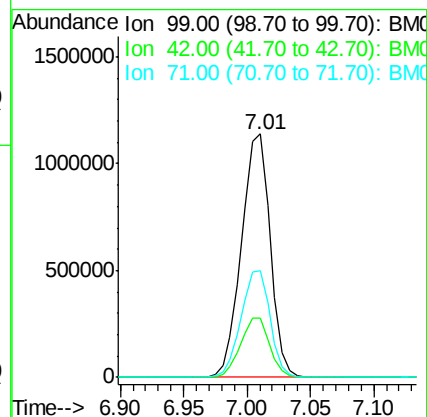
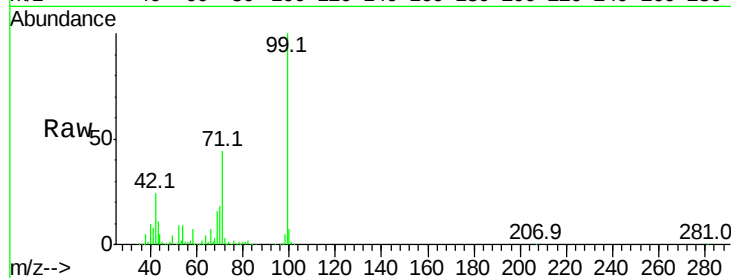
Tot Ion: 99 Resp: 1791069

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

71 43.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009519.D

Acq: 04 Apr 2017 02:28

Tgt Ion: 136 Resp: 483158

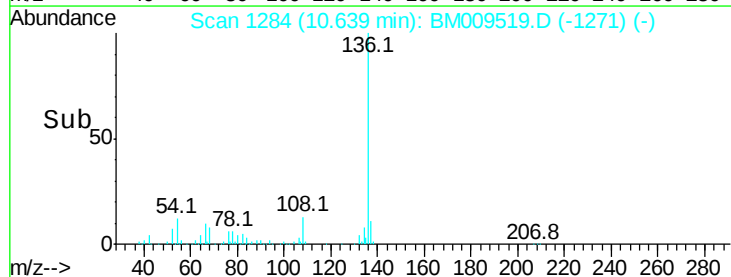
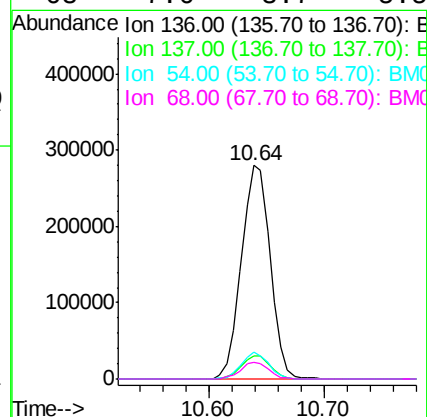
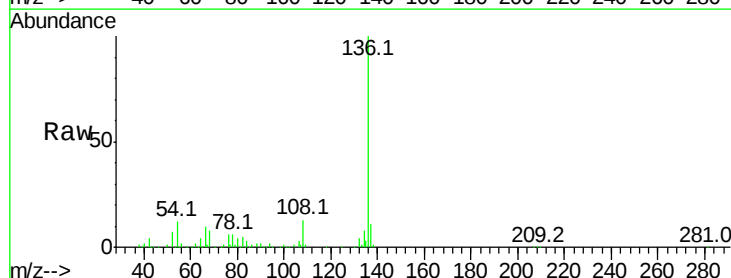
Ion Ratio Lower Upper

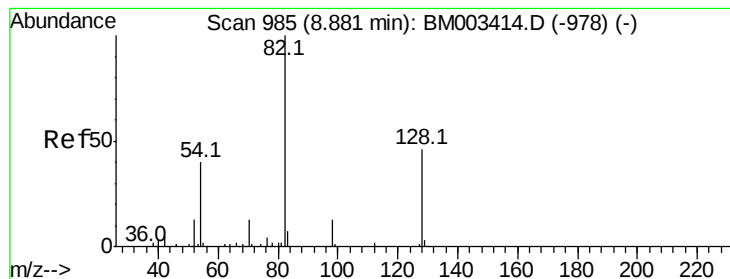
136 100

137 10.8 8.7 13.1

54 12.3 4.6 6.8#

68 7.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 95.78 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009519.D

Acq: 04 Apr 2017 02:28

Instrument :

BNA_M

ClientSampleId :

B-14-S1(1.5-2.0)

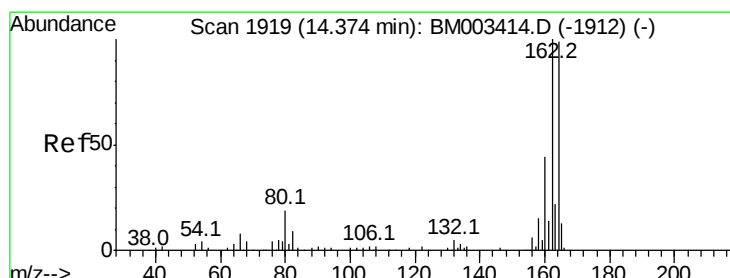
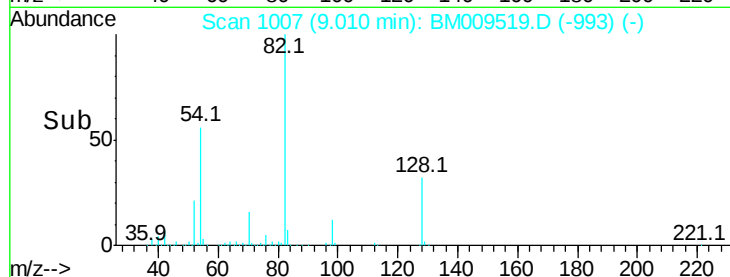
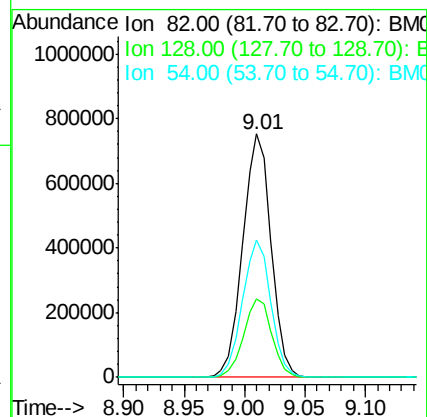
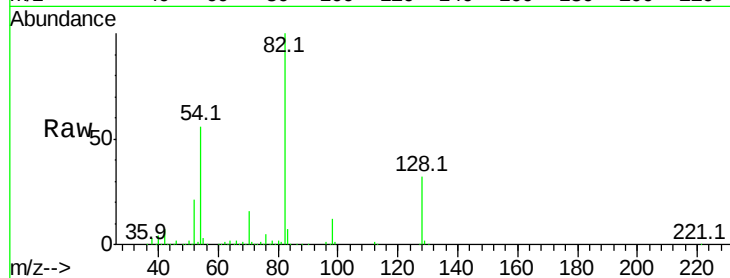
Tot Ion: 82 Resp: 1234246

Ion Ratio Lower Upper

82 100

128 32.4 32.8 49.2#

54 56.3 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: BM009519.D

Acq: 04 Apr 2017 02:28

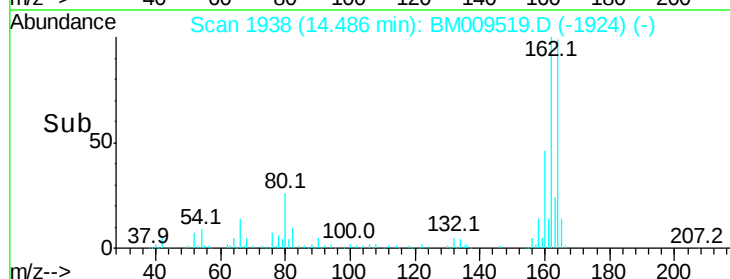
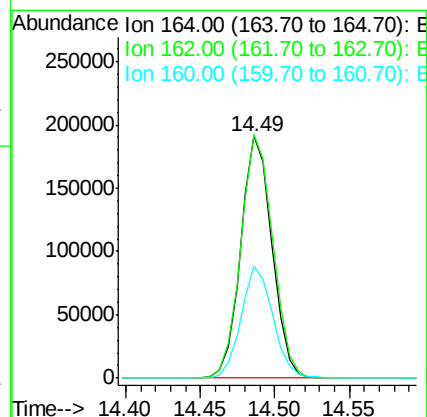
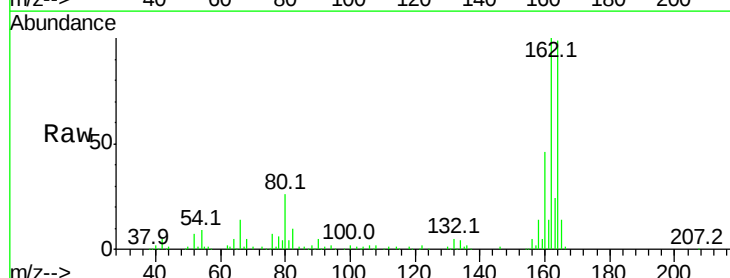
Tgt Ion:164 Resp: 276695

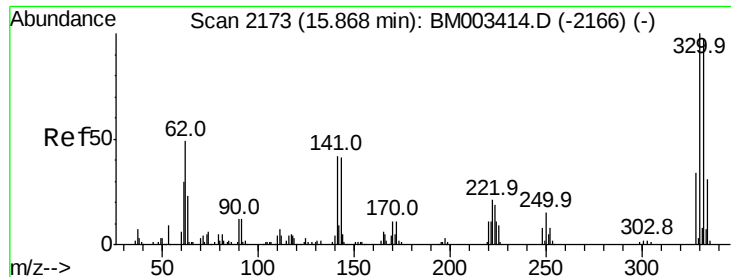
Ion Ratio Lower Upper

164 100

162 100.6 82.4 123.6

160 46.1 35.8 53.6

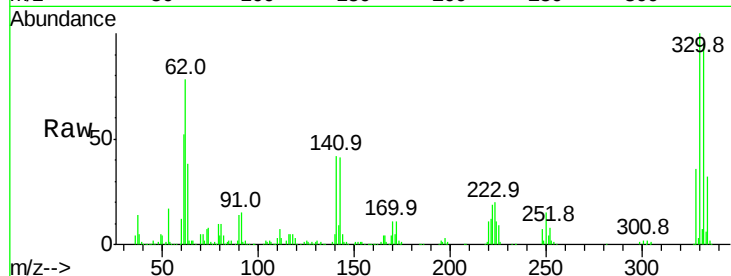




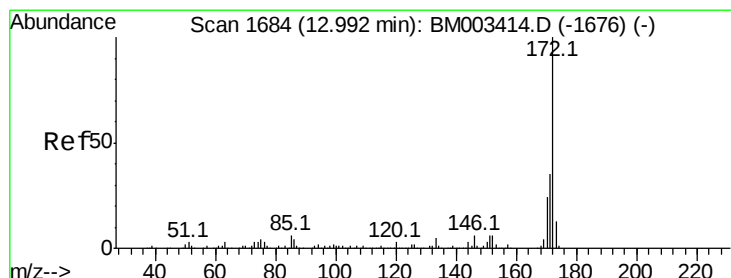
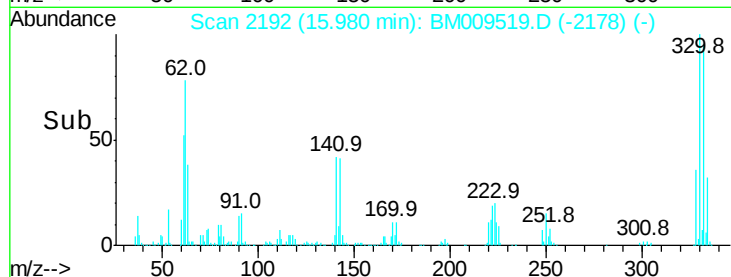
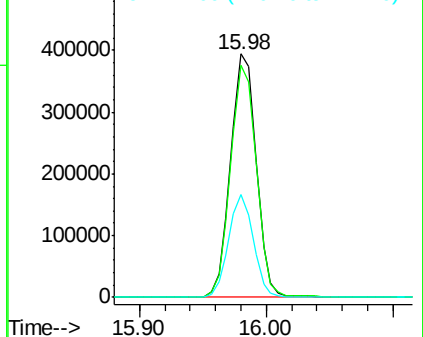
#41
 2,4,6-Tribromophenol
 Concen: 160.73 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009519.D
 Acq: 04 Apr 2017 02:28

Instrument :
 BNA_M
 ClientSampleId :
 B-14-S1(1.5-2.0)

Tot Ion:330 Resp: 552472
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 40.6 0.0 0.0#

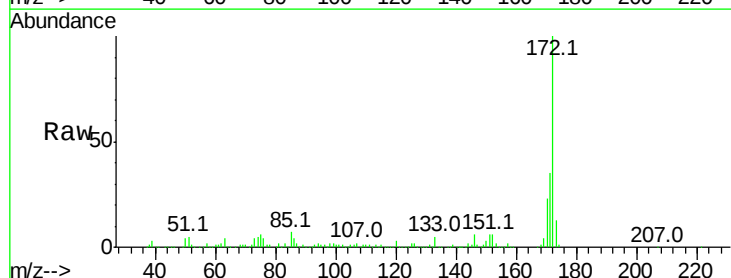


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

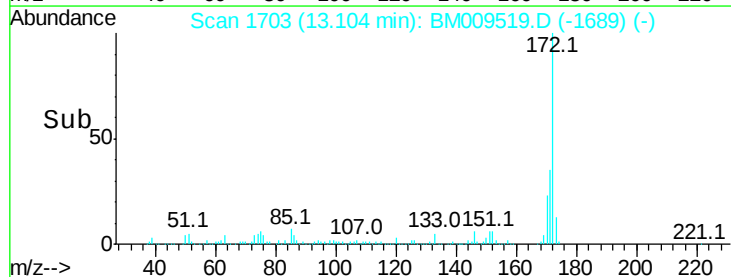
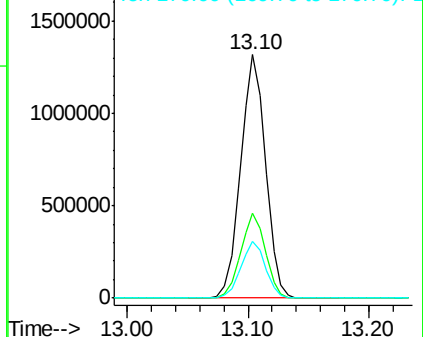


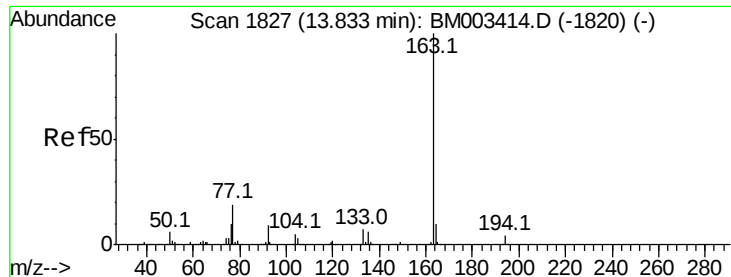
#44
 2-Fluorobiphenyl
 Concen: 82.75 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009519.D
 Acq: 04 Apr 2017 02:28

Tgt Ion:172 Resp: 1900245
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.5 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





#49

Dimethylphthalate

Concen: 5.47 ng

RT: 13.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BM009519.D

Acq: 04 Apr 2017 02:28

Instrument :

BNA_M

ClientSampleId :

B-14-S1(1.5-2.0)

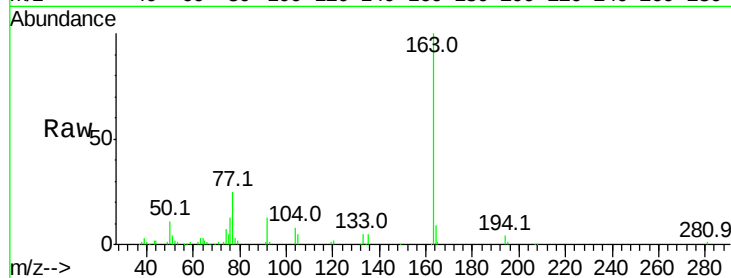
Tot Ion:163 Resp: 116107

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

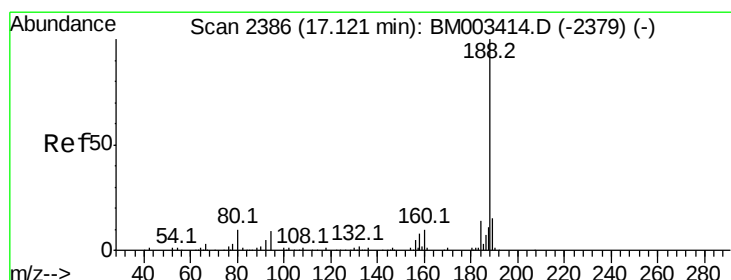
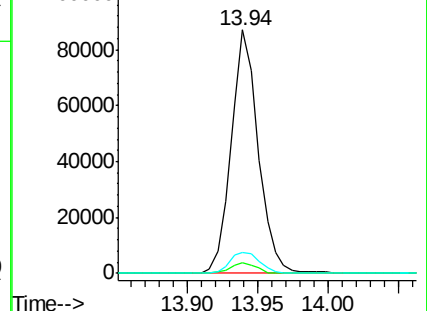
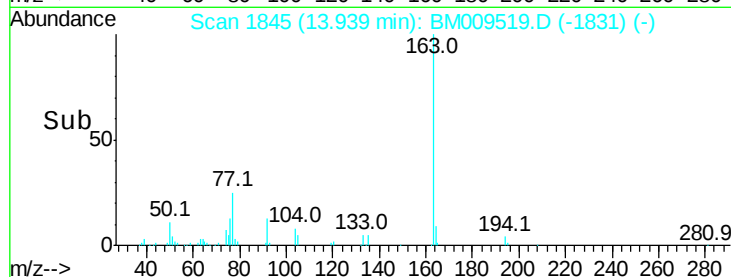
164 8.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009519.D

Acq: 04 Apr 2017 02:28

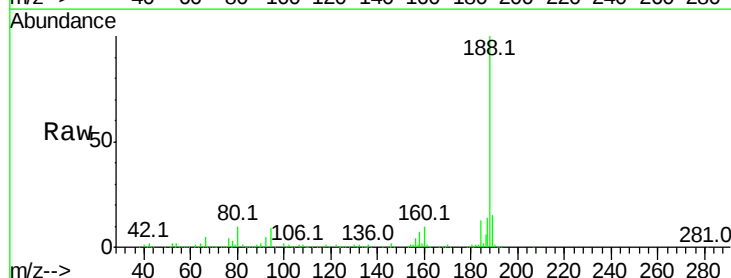
Tgt Ion:188 Resp: 671059

Ion Ratio Lower Upper

188 100

94 8.7 8.7 13.1#

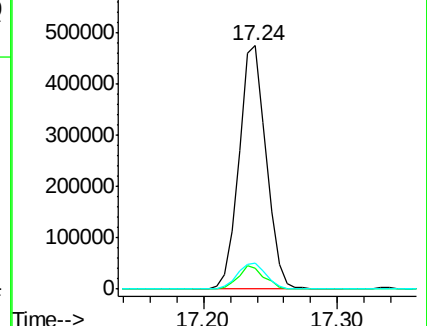
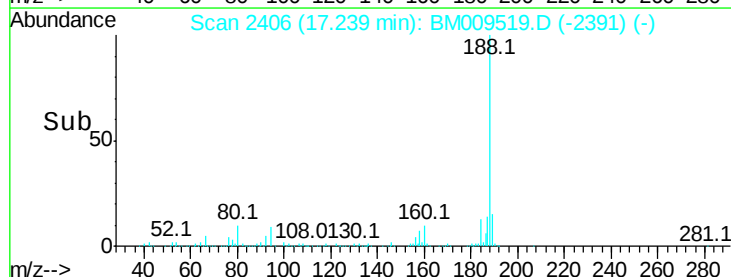
80 10.5 9.3 13.9

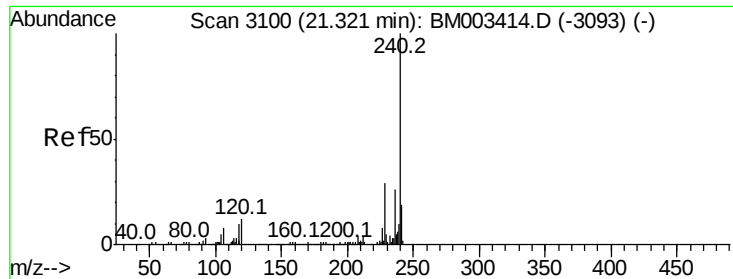


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM009519.D

Acq: 04 Apr 2017 02:28

Instrument :

BNA_M

ClientSampleId :

B-14-S1(1.5-2.0)

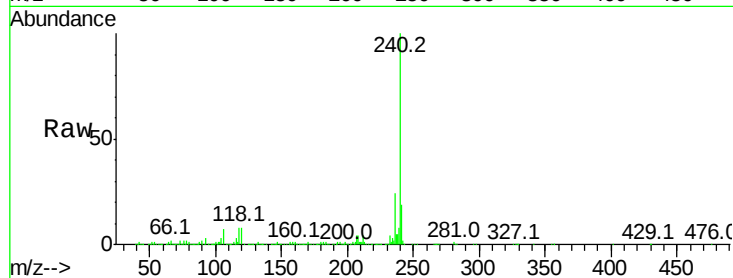
Tot Ion:240 Resp: 874489

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

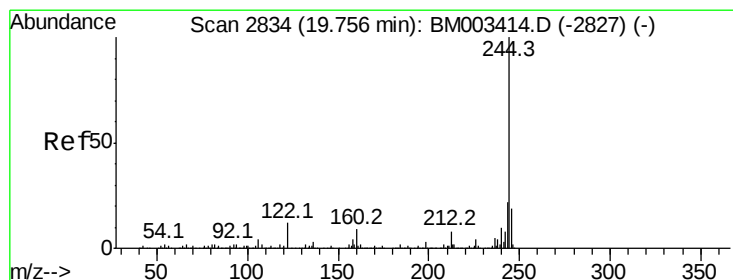
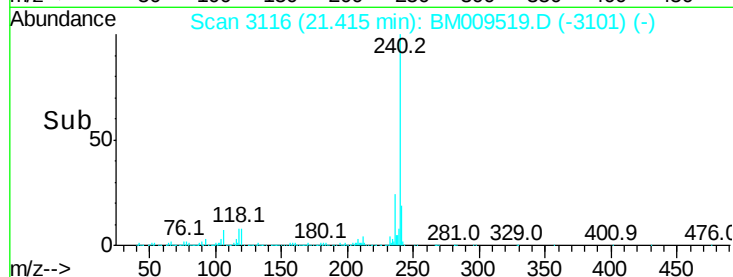
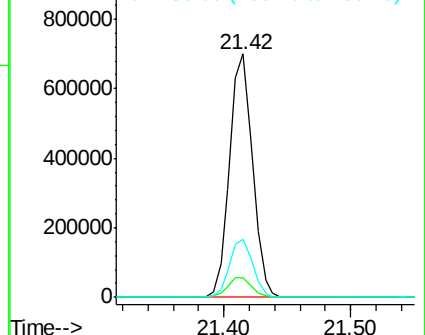
236 24.0 20.0 30.0



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: 69.37 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009519.D

Acq: 04 Apr 2017 02:28

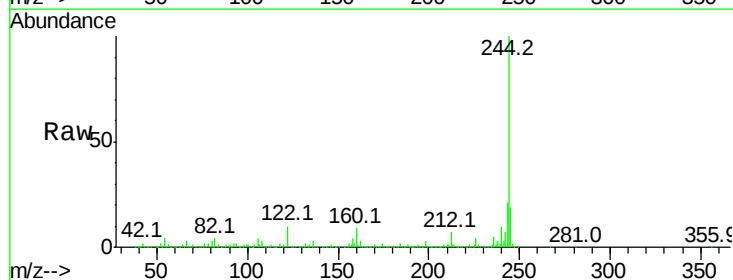
Tgt Ion:244 Resp: 2903030

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

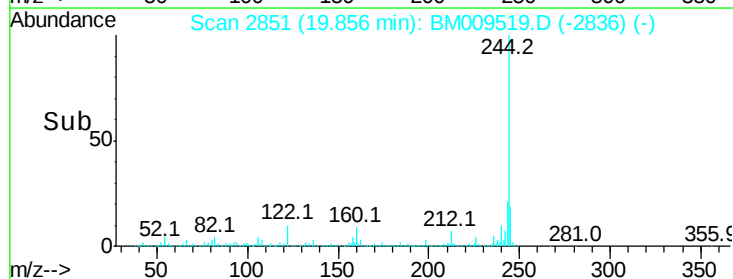
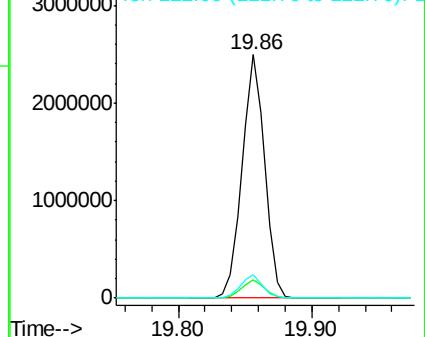
122 9.5 6.2 9.4#

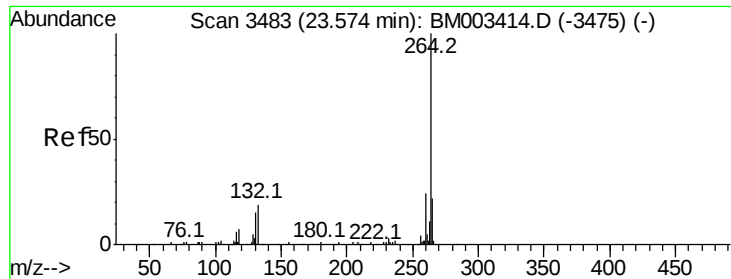


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009519.D
Acq: 04 Apr 2017 02:28

Instrument :
BNA_M
ClientSampleId :
B-14-S1(1.5-2.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.6	27.8
265	20.2	17.3	25.9

