

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009461.D
 Acq On : 30 Mar 2017 21:21
 Operator : SJ/MA
 Sample : PB97933TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97933TB

Quant Time: Mar 31 08:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	101599	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	374398	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	201851	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	465739	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	599674	20.00	ng	-0.01
86) Perylene-d12	23.74	264	591089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	898373	147.39	ng	-0.01
7) Phenol-d6	7.01	99	1213063	145.94	ng	-0.01
23) Nitrobenzene-d5	9.02	82	839317	84.05	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	339413	135.35	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1482072	88.47	ng	-0.01
78) Terphenyl-d14	19.86	244	2222490	77.44	ng	-0.01

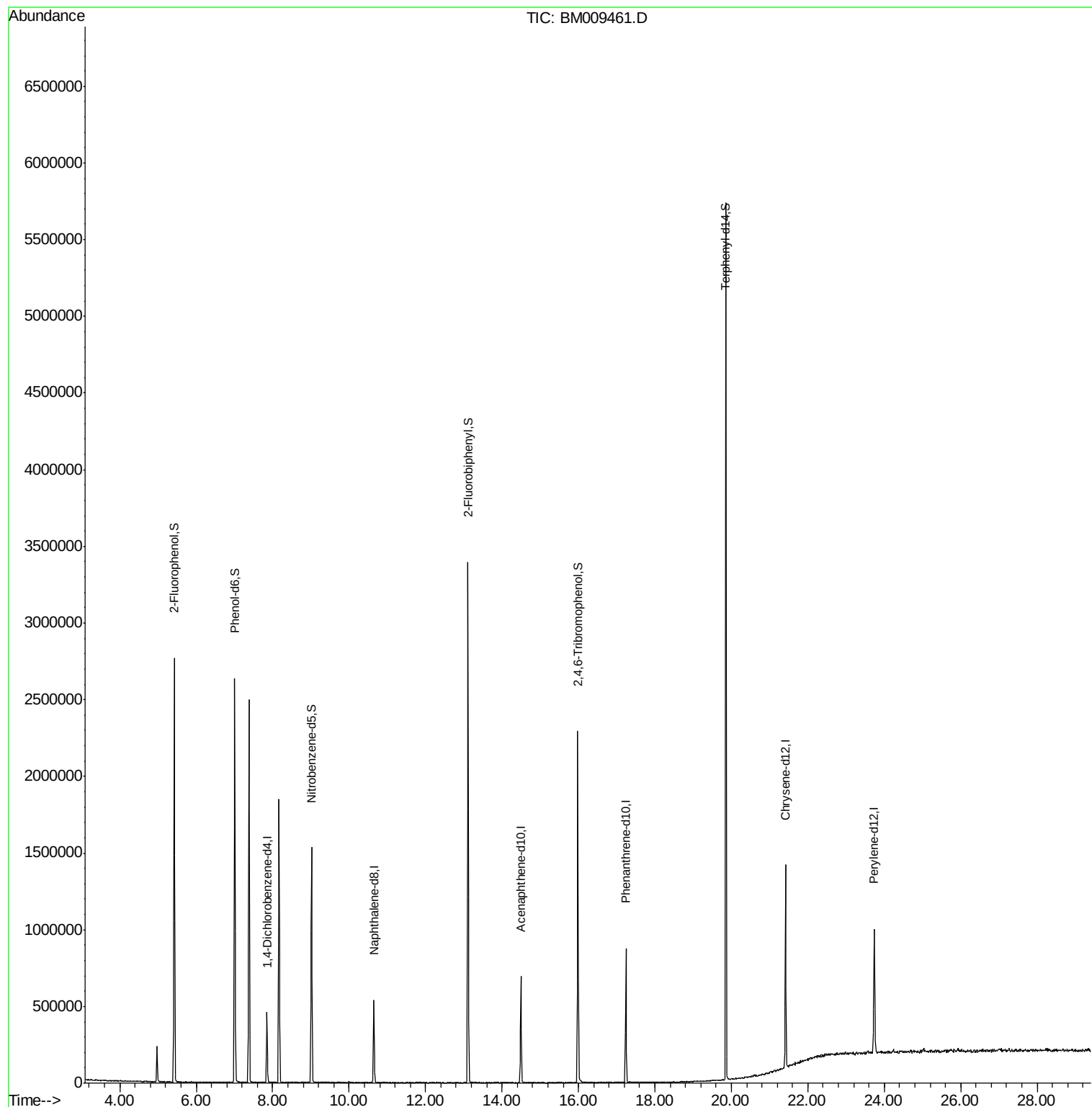
Target Compounds Qvalue

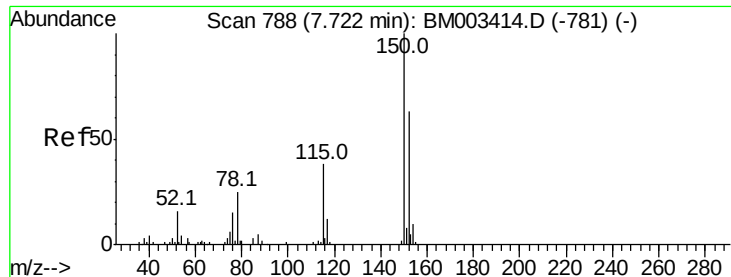
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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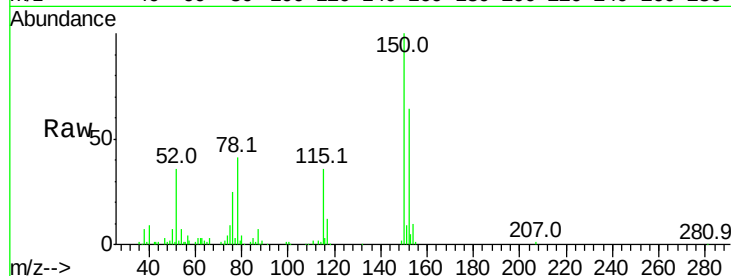


#1

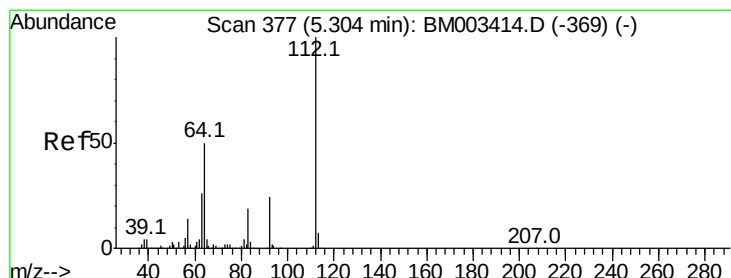
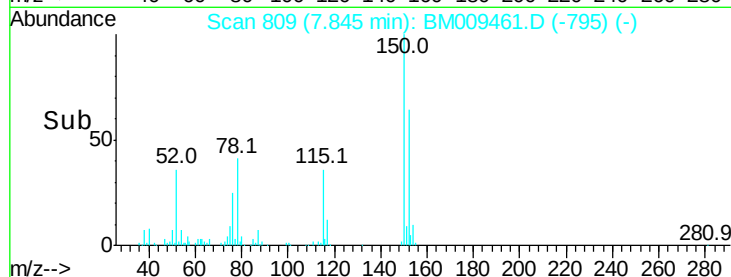
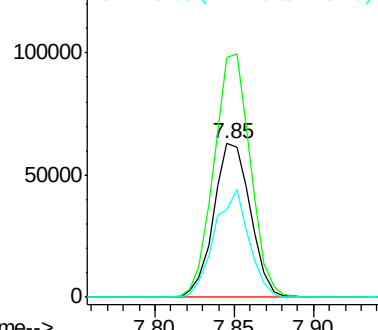
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

Instrument :
BNA_M
ClientSampleId :
PB97933TB

Tot Ion:152 Resp: 101599
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 56.9 43.0 64.4



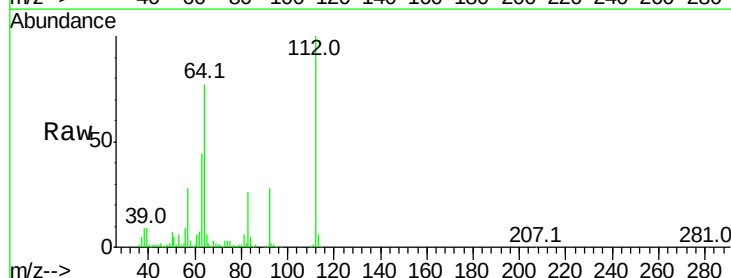
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



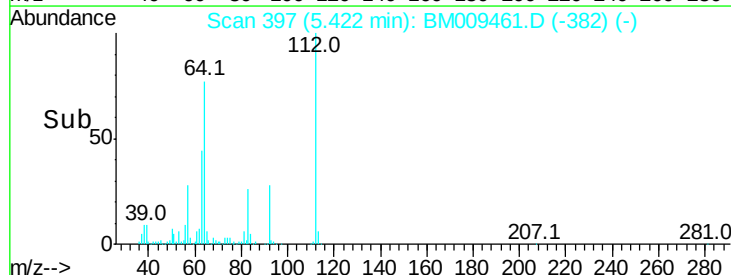
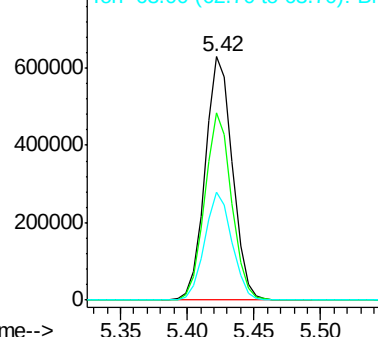
#5

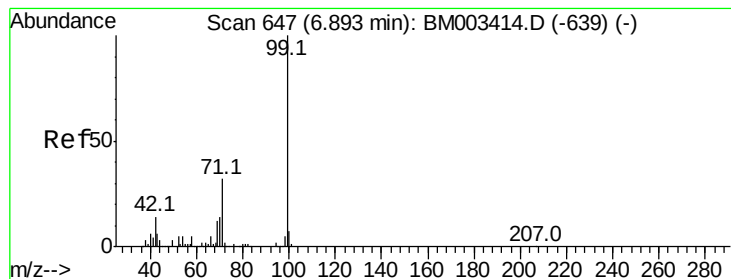
2-Fluorophenol
Concen: 147.39 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009461.D
Acq: 30 Mar 2017 21:21

Tgt Ion:112 Resp: 898373
Ion Ratio Lower Upper
112 100
64 76.9 38.6 57.8#
63 44.4 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: 145.94 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_M

ClientSampleId :

PB97933TB

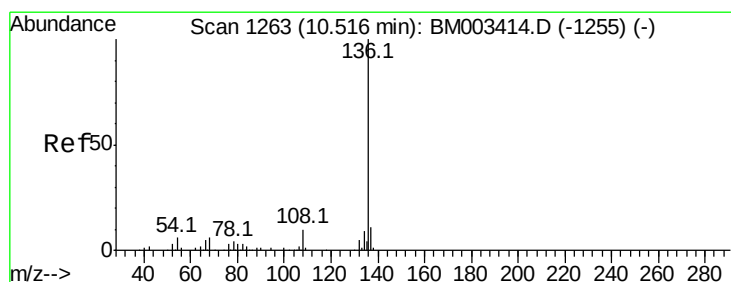
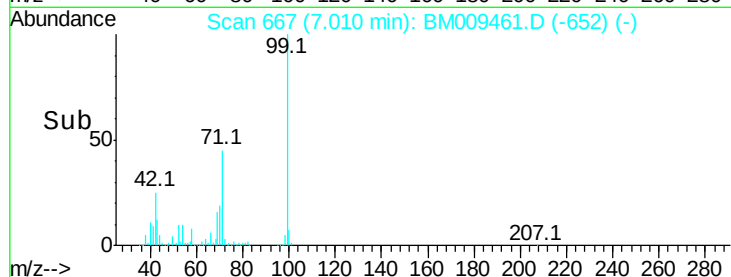
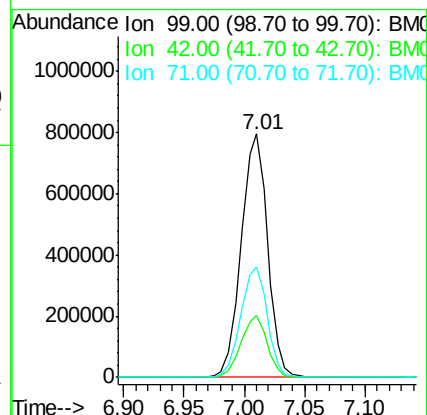
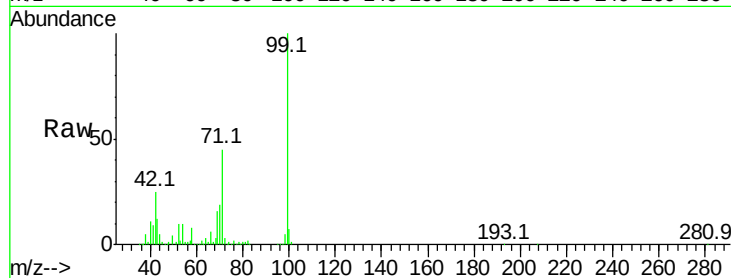
Tot Ion: 99 Resp: 1213063

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

71 45.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

Tgt Ion: 136 Resp: 374398

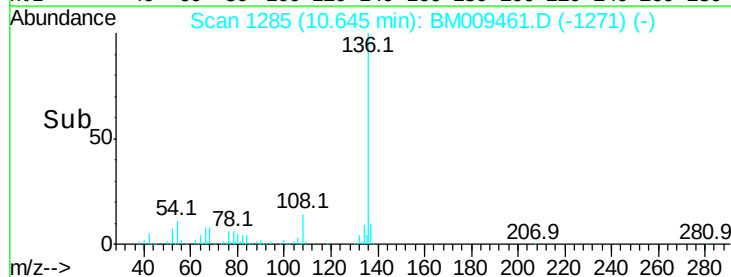
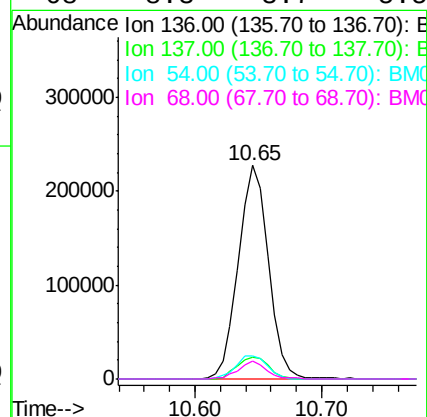
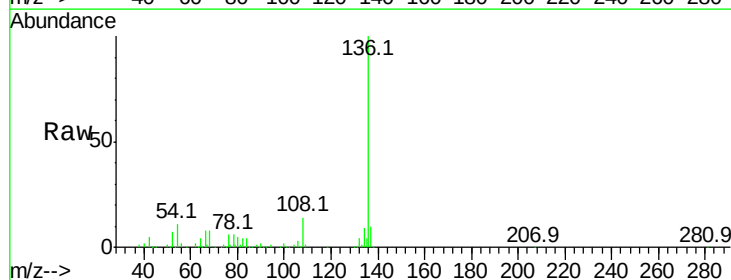
Ion Ratio Lower Upper

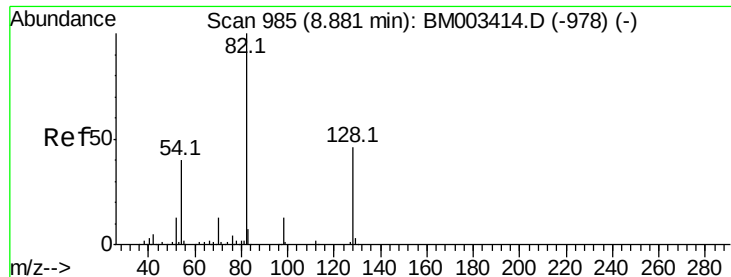
136 100

137 10.0 8.7 13.1

54 11.0 4.6 6.8#

68 8.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 84.05 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_M

ClientSampleId :

PB97933TB

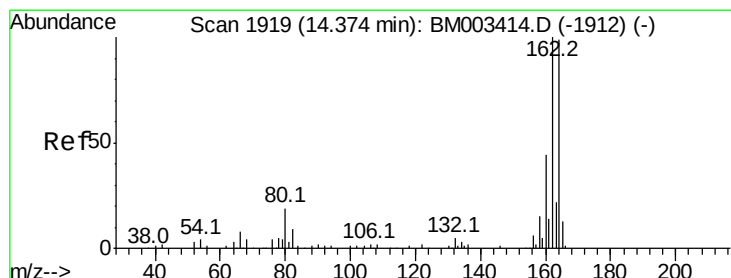
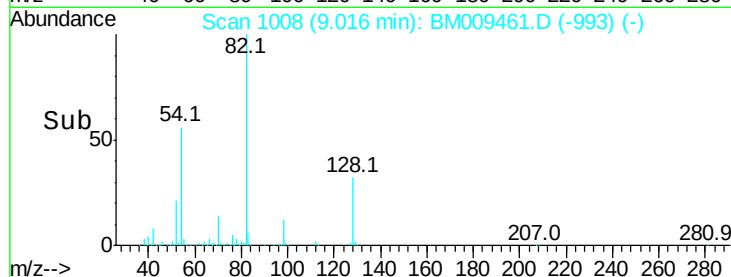
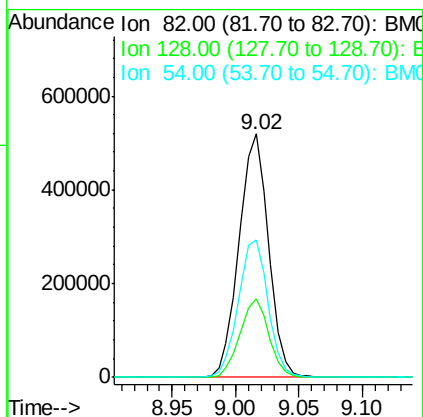
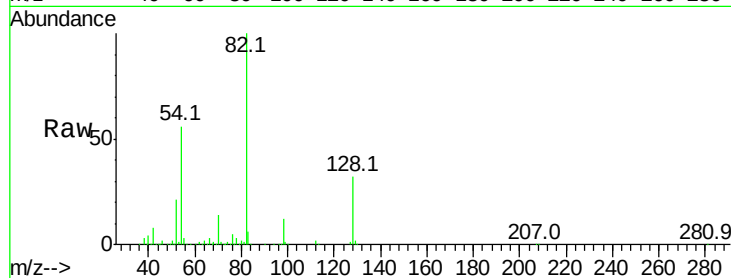
Tot Ion: 82 Resp: 839317

Ion Ratio Lower Upper

82 100

128 32.2 32.8 49.2#

54 56.2 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

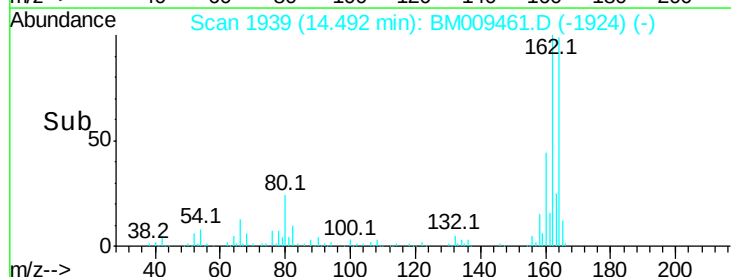
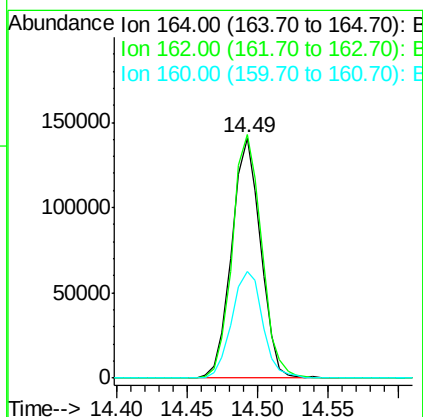
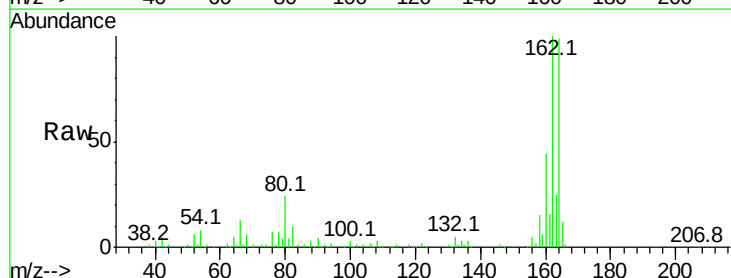
Tgt Ion:164 Resp: 201851

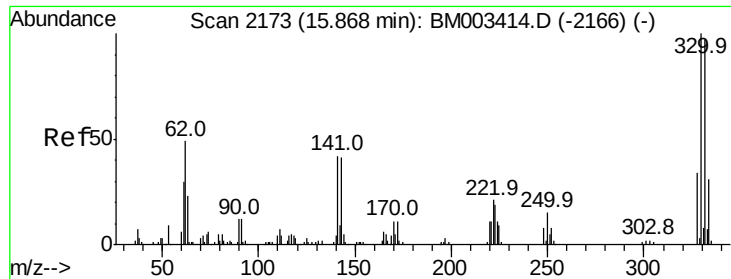
Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

160 44.2 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 135.35 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_M

ClientSampleId :

PB97933TB

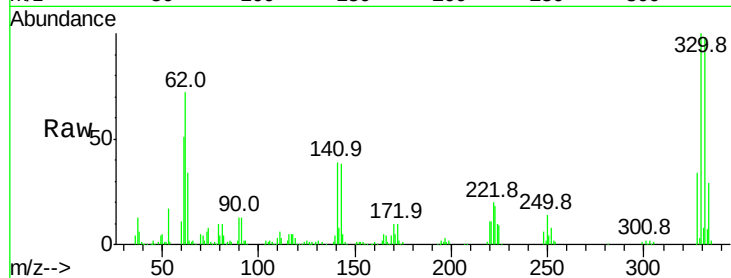
Tot Ion:330 Resp: 339413

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

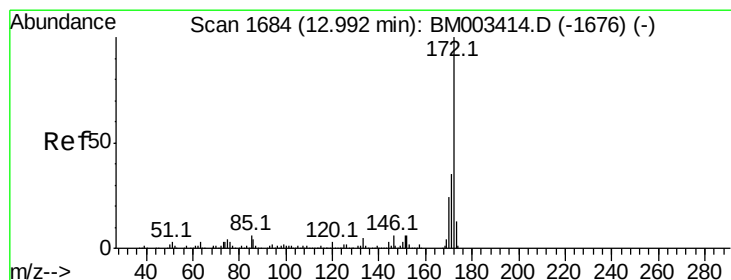
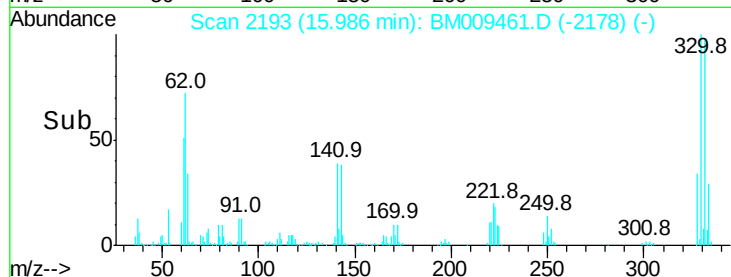
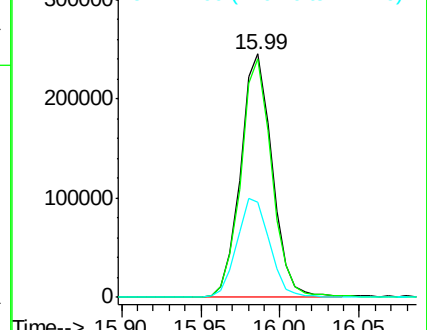
141 42.2 0.0 0.0#



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: 88.47 ng

RT: 13.11 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

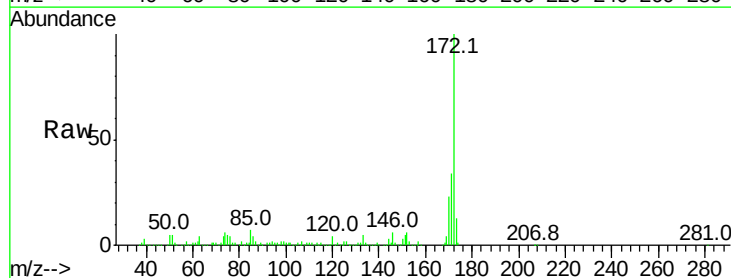
Tgt Ion:172 Resp: 1482072

Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

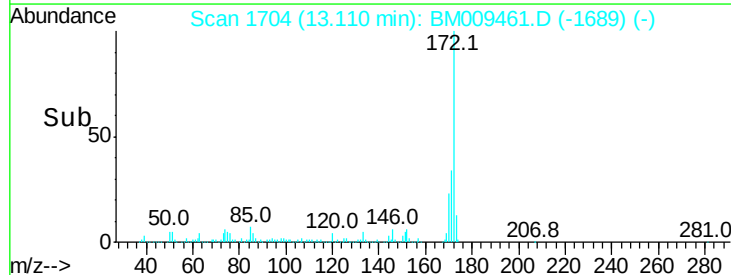
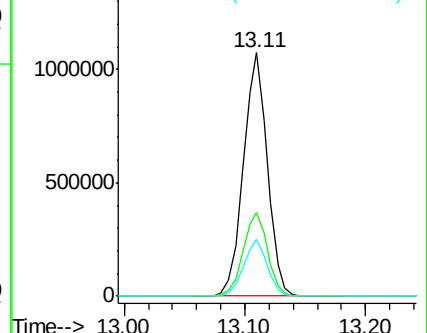
170 23.4 18.8 28.2

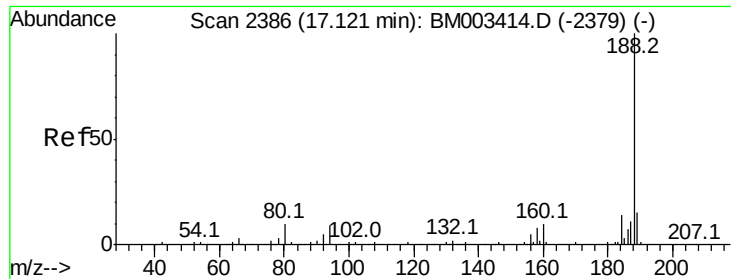


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM009461.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_M

ClientSampleId :

PB97933TB

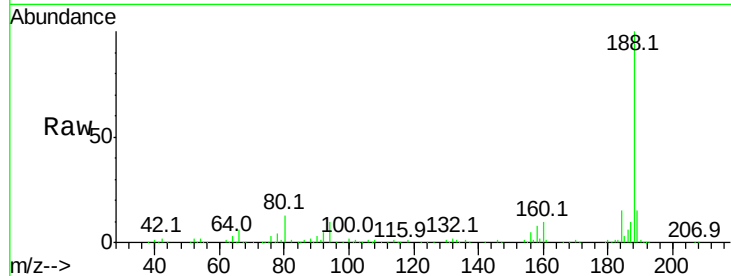
Tot Ion:188 Resp: 465739

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

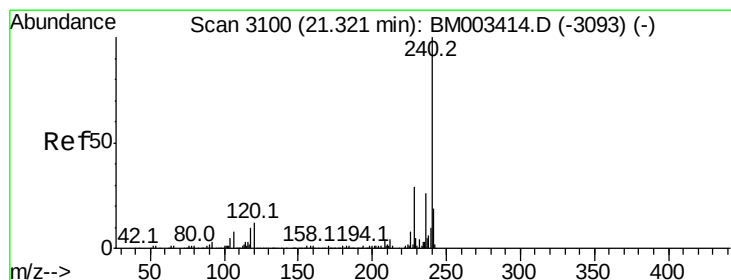
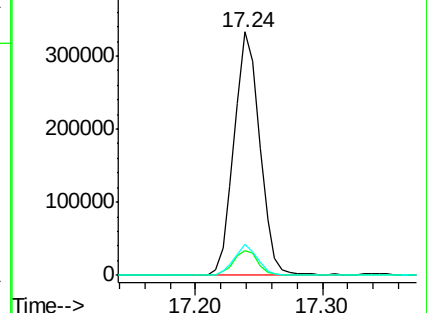
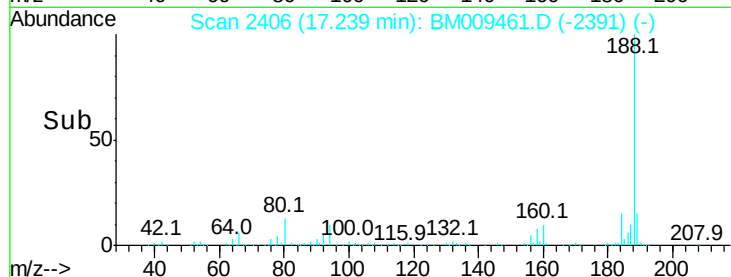
80 12.7 9.3 13.9



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: BM009461.D

Acq: 30 Mar 2017 21:21

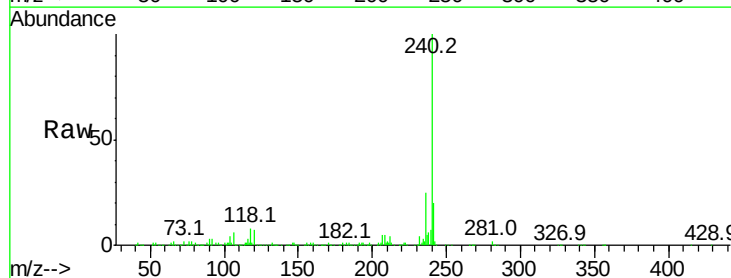
Tgt Ion:240 Resp: 599674

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

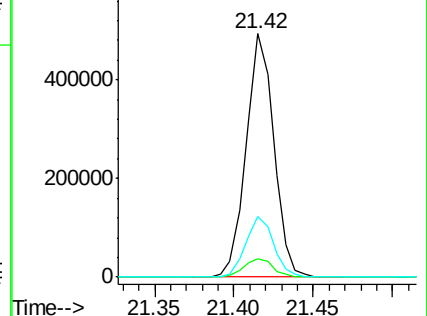
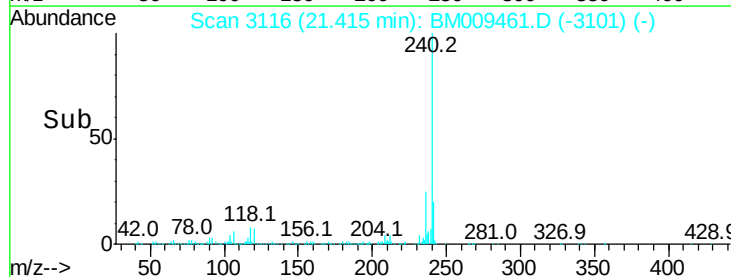
236 24.8 20.0 30.0

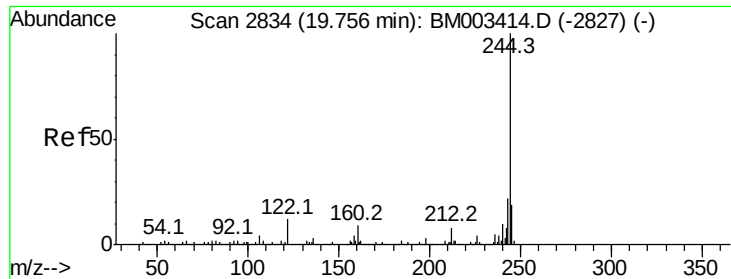


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.44 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_M

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PB97933TB

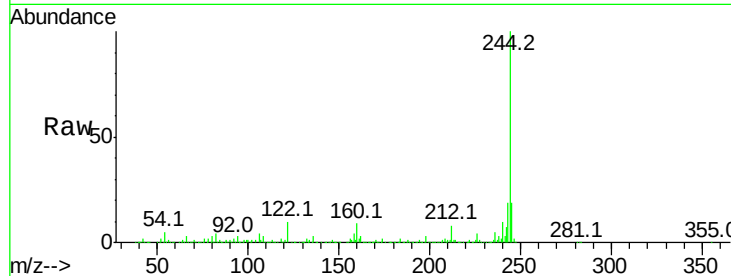
Tot Ion:244 Resp: 2222490

Ion Ratio Lower Upper

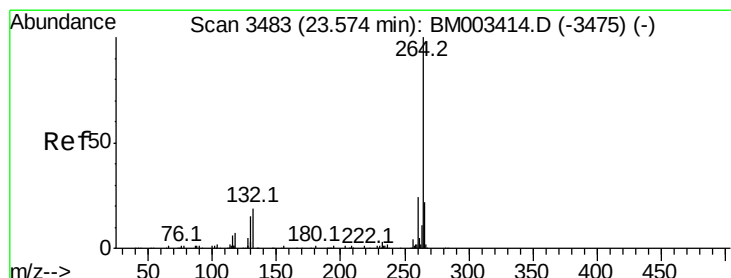
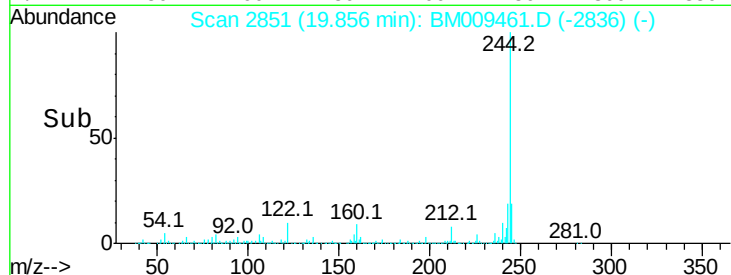
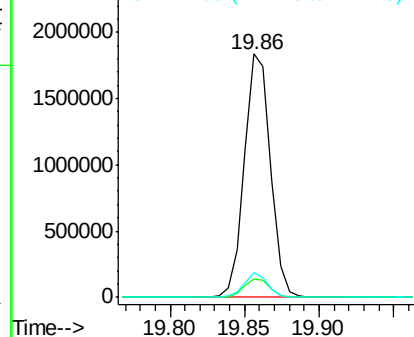
244 100

212 7.5 4.9 7.3#

122 9.9 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: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009461.D

Acq: 30 Mar 2017 21:21

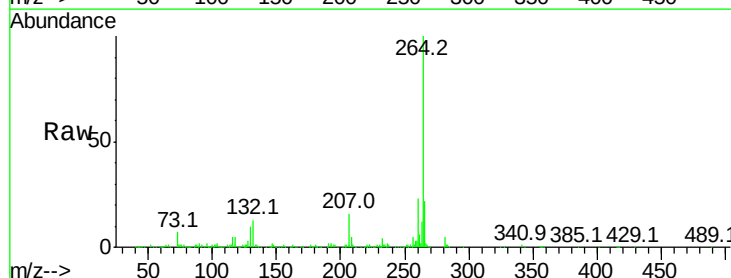
Tgt Ion:264 Resp: 591089

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.5 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

