

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009534.D
 Acq On : 04 Apr 2017 17:51
 Operator : SJ/MA
 Sample : PB98027TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98027TB

Quant Time: Apr 05 02:16:27 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	107904	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	407729	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	228039	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	549959	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	728352	20.00	ng	-0.01
86) Perylene-d12	23.73	264	671289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	715237	110.49	ng	-0.01
7) Phenol-d6	7.00	99	986273	111.72	ng	-0.02
23) Nitrobenzene-d5	9.01	82	688739	63.33	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	306279	108.11	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1232054	65.10	ng	-0.02
78) Terphenyl-d14	19.86	244	1994038	57.21	ng	-0.01

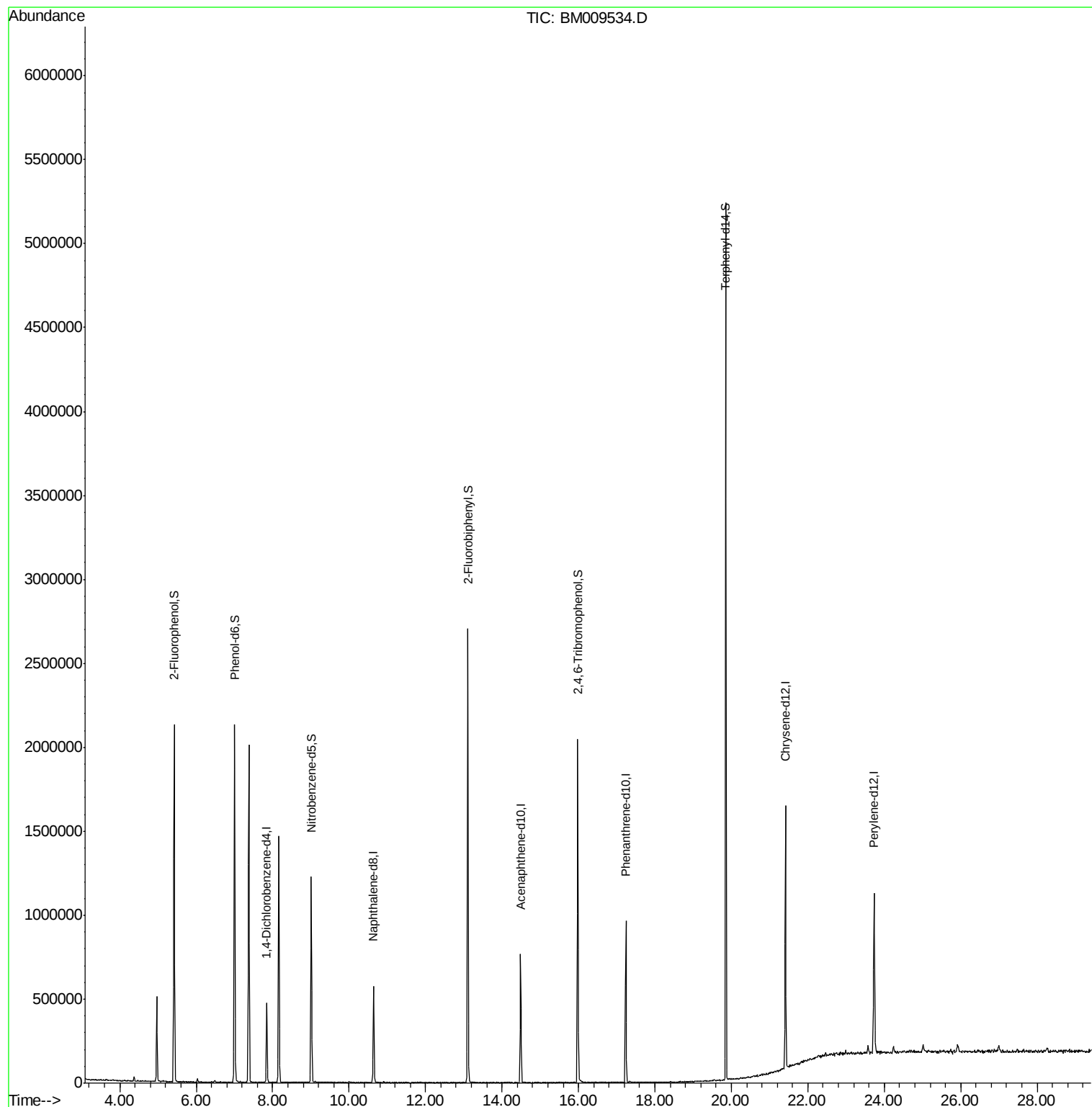
Target Compounds Qvalue

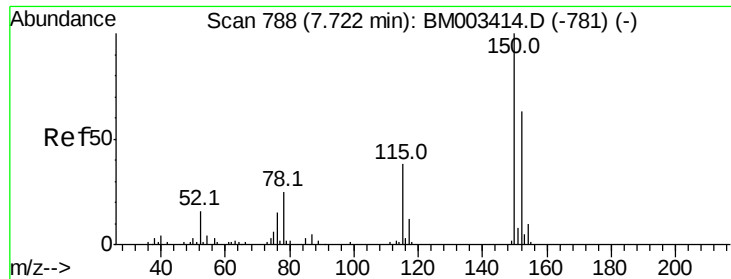
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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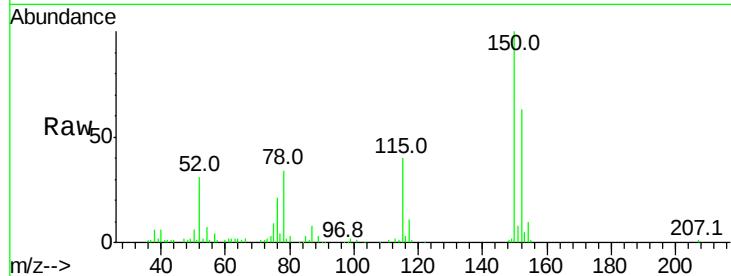


#1

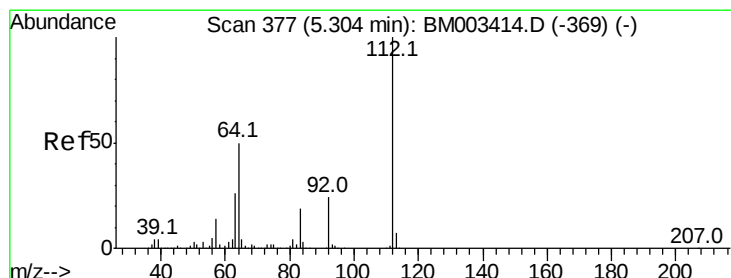
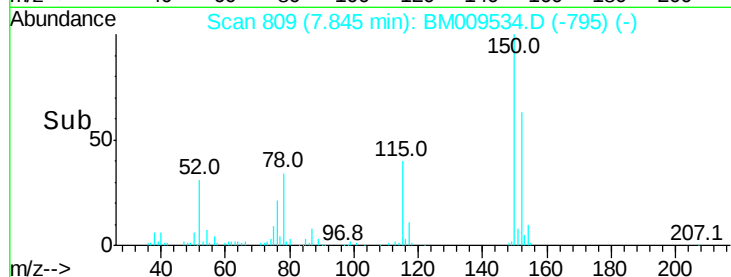
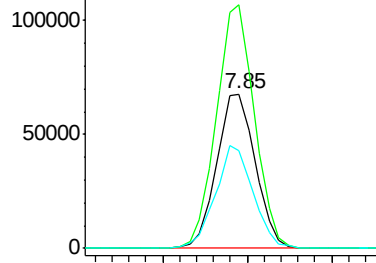
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009534.D
Acq: 04 Apr 2017 17:51

Instrument :
BNA_M
ClientSampleId :
PB98027TB

Tot Ion:152 Resp: 107904
Ion Ratio Lower Upper
152 100
150 157.8 119.5 179.3
115 63.5 43.0 64.4



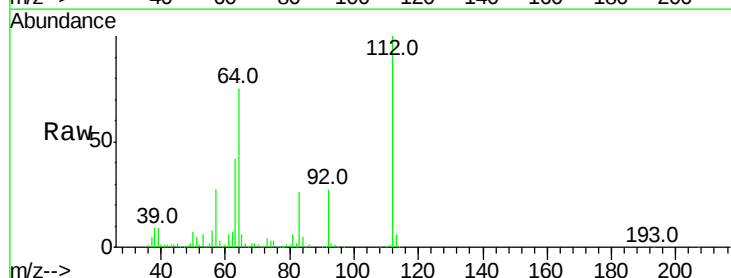
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



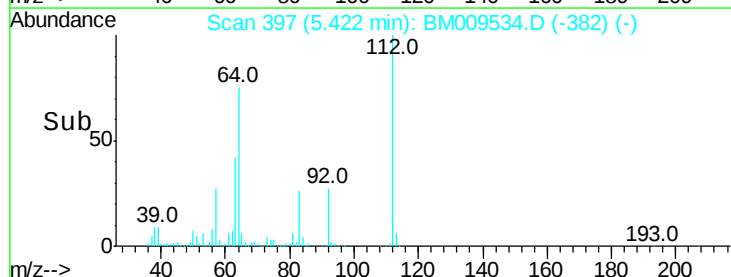
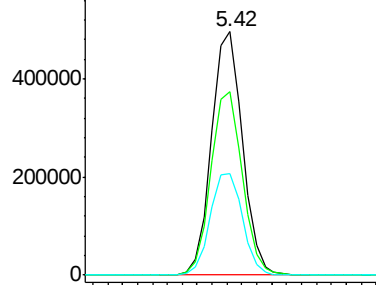
#5

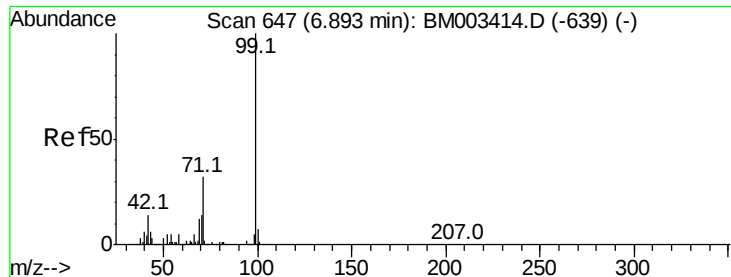
2-Fluorophenol
Concen: 110.49 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009534.D
Acq: 04 Apr 2017 17:51

Tgt Ion:112 Resp: 715237
Ion Ratio Lower Upper
112 100
64 75.1 38.6 57.8#
63 41.6 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: 111.72 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009534.D

Acq: 04 Apr 2017 17:51

Instrument :

BNA_M

ClientSampleId :

PB98027TB

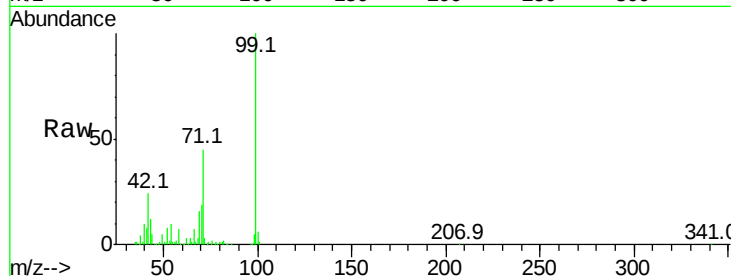
Tot Ion: 99 Resp: 986273

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

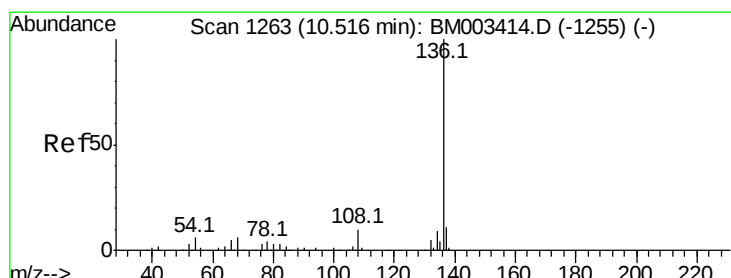
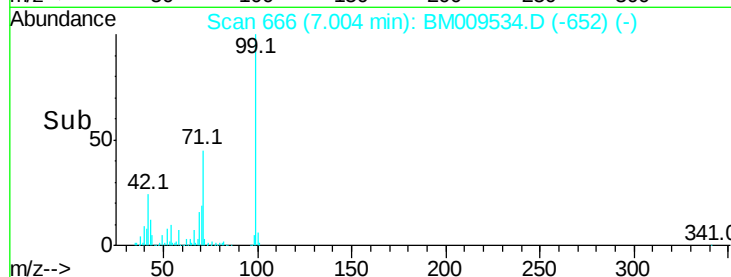
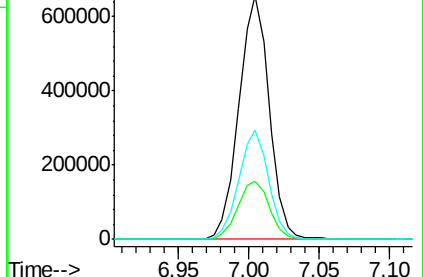
71 44.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009534.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM009534.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM009534.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009534.D

Acq: 04 Apr 2017 17:51

Tgt Ion: 136 Resp: 407729

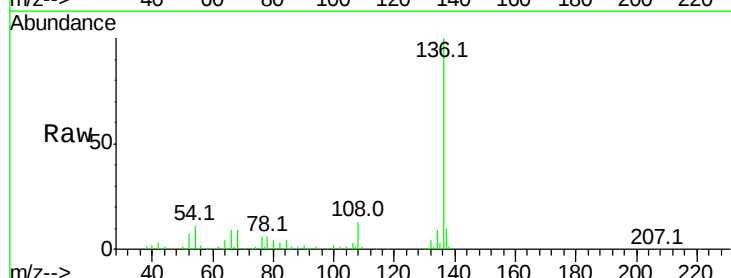
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 10.9 4.6 6.8#

68 9.1 3.7 5.5#

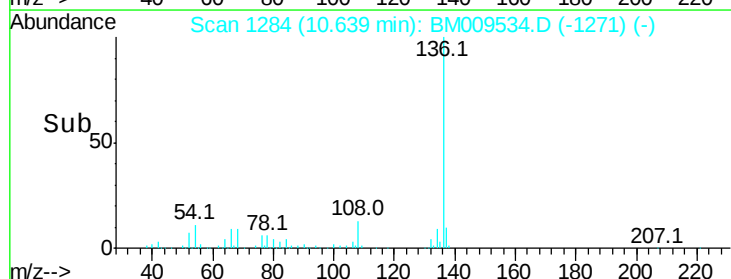
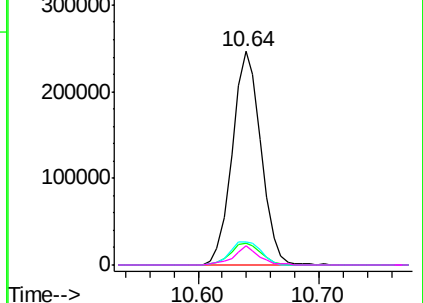


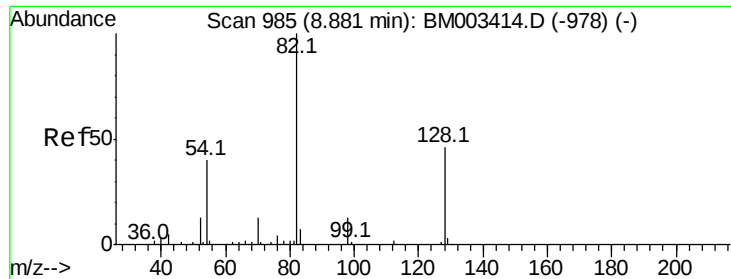
Abundance Ion 136.00 (135.70 to 136.70): BM009534.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009534.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009534.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009534.D (-1271) (-)

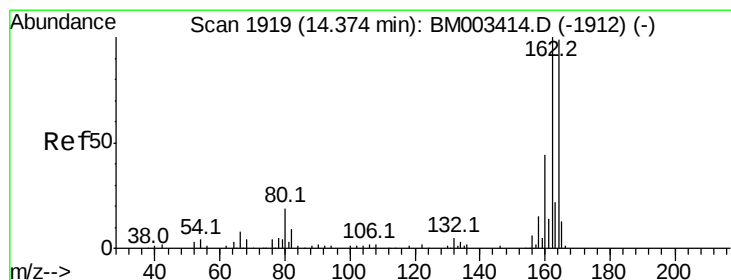
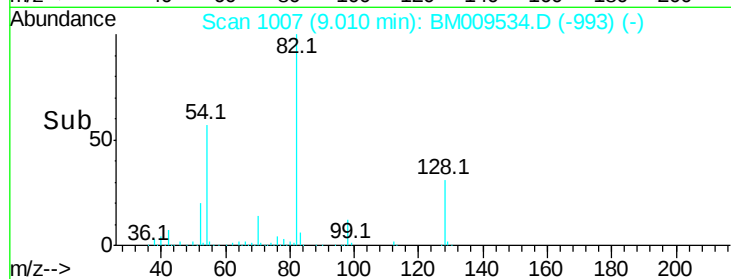
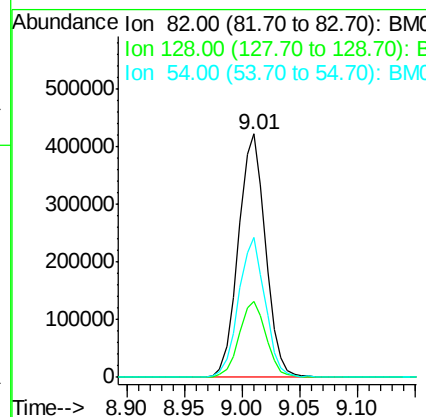
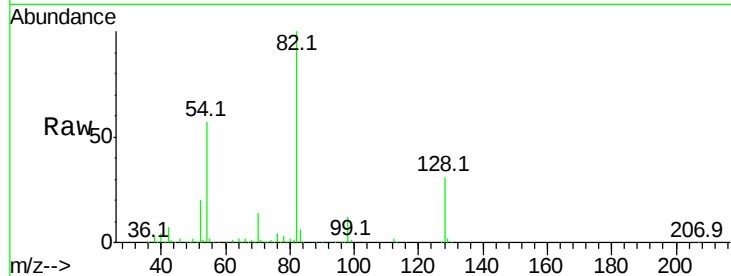




#23
 Nitrobenzene-d5
 Concen: 63.33 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009534.D
 Acq: 04 Apr 2017 17:51

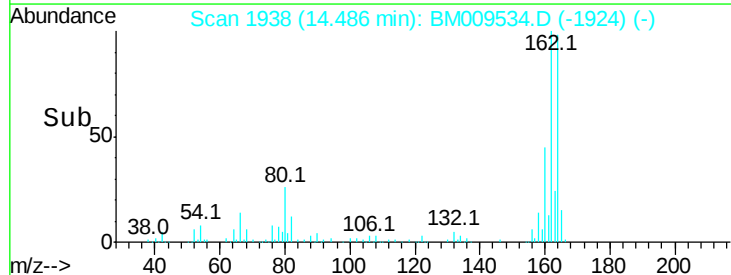
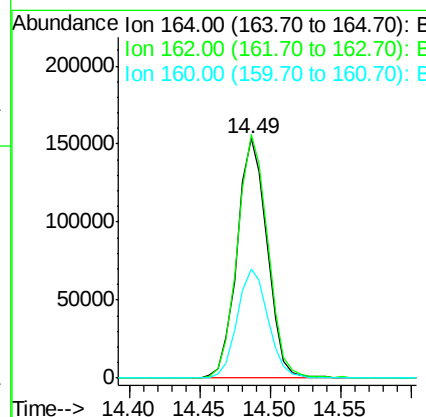
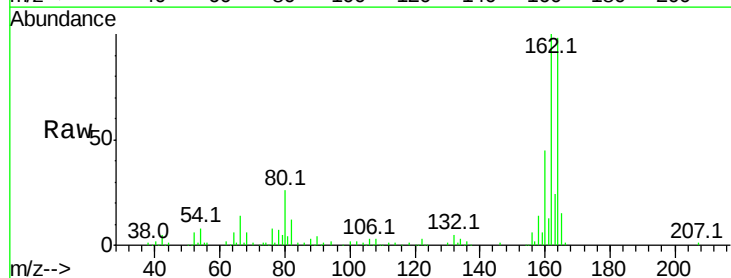
Instrument :
 BNA_M
 ClientSampled :
 PB98027TB

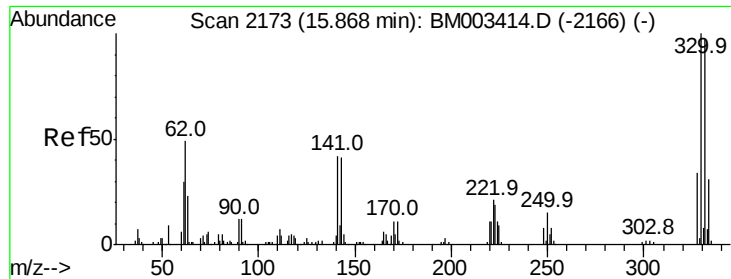
Tot Ion: 82 Resp: 688739
 Ion Ratio Lower Upper
 82 100
 128 31.0 32.8 49.2#
 54 57.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009534.D
 Acq: 04 Apr 2017 17:51

Tgt Ion:164 Resp: 228039
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.4 123.6
 160 45.6 35.8 53.6

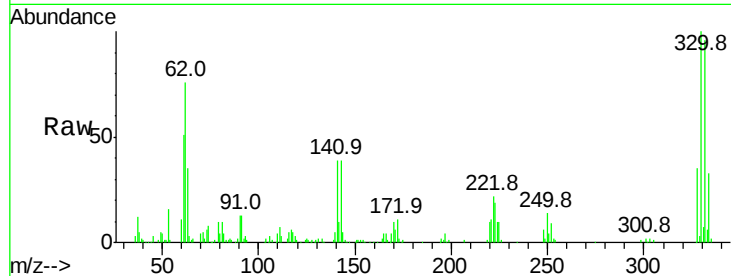




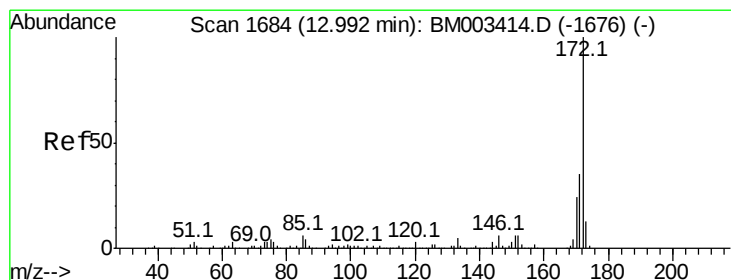
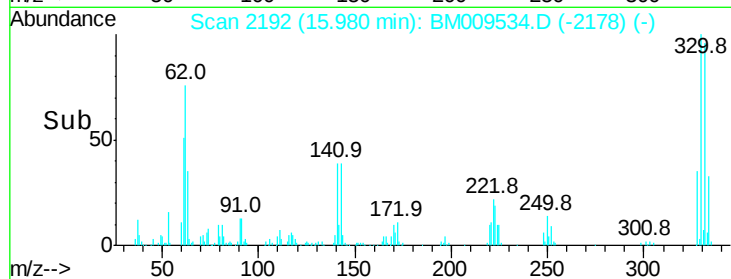
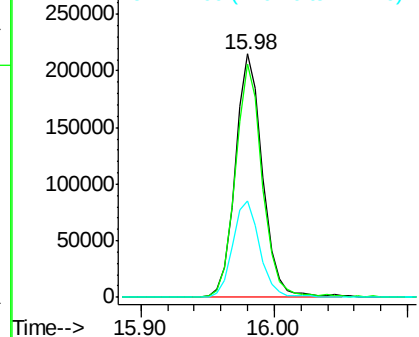
#41
 2,4,6-Tribromophenol
 Concen: 108.11 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009534.D
 Acq: 04 Apr 2017 17:51

Instrument :
 BNA_M
 ClientSampleId :
 PB98027TB

Tot Ion:330 Resp: 306279
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 39.9 0.0 0.0#

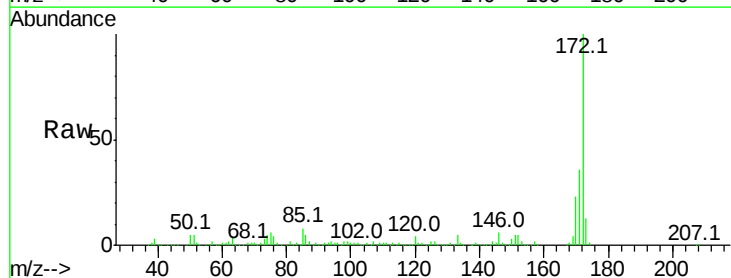


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

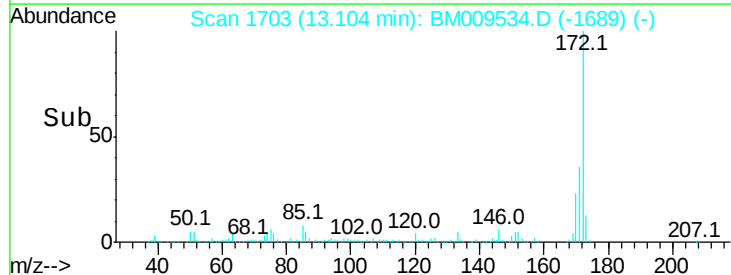
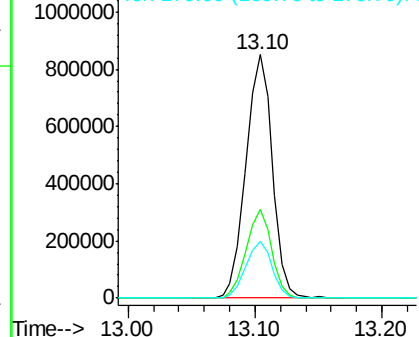


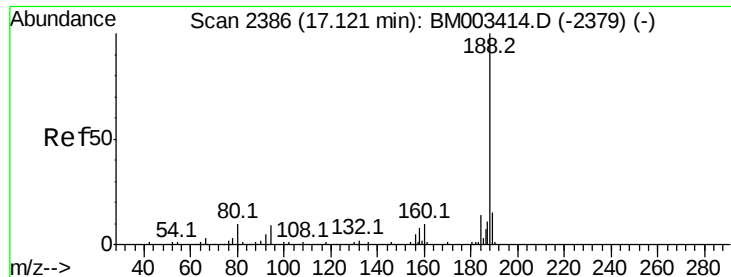
#44
 2-Fluorobiphenyl
 Concen: 65.10 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009534.D
 Acq: 04 Apr 2017 17:51

Tgt Ion:172 Resp: 1232054
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.3 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

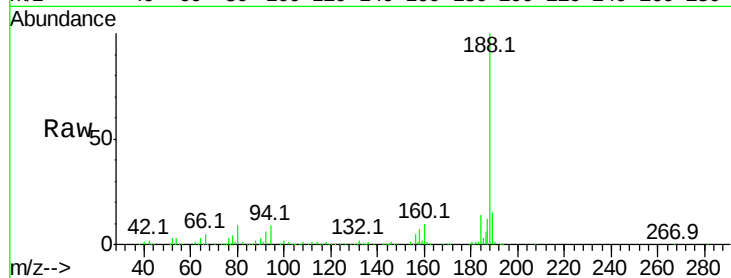




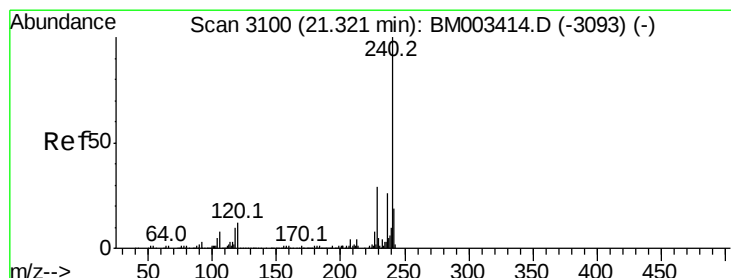
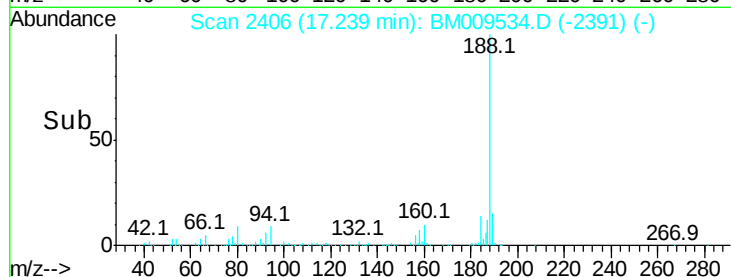
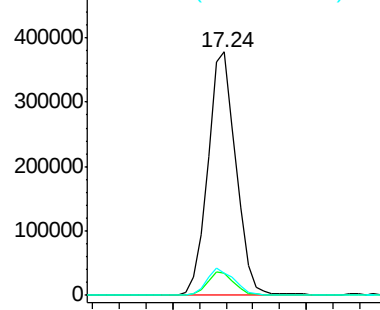
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009534.D
Acq: 04 Apr 2017 17:51

Instrument :
BNA_M
ClientSampleId :
PB98027TB

Tot Ion:188 Resp: 549959
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.2 9.3 13.9#

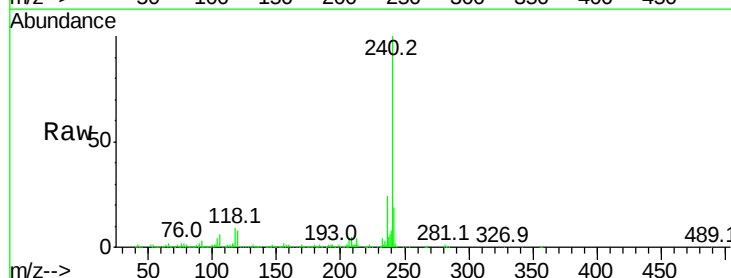


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

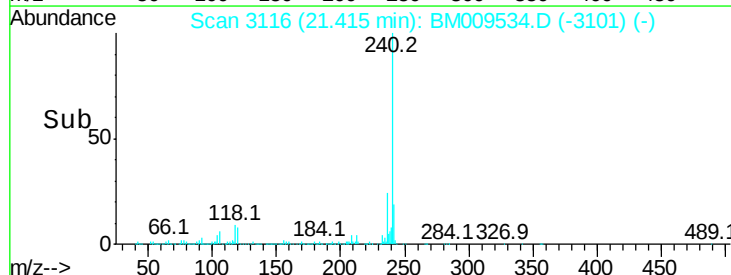
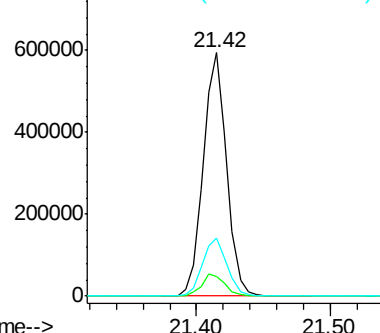


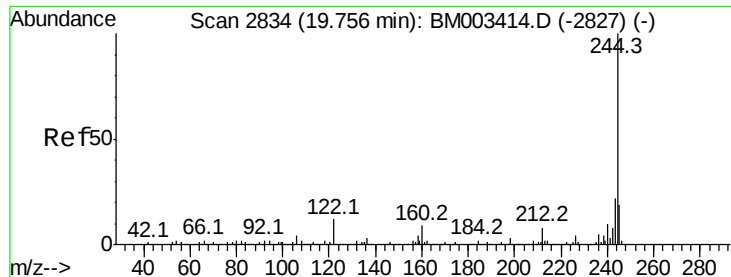
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009534.D
Acq: 04 Apr 2017 17:51

Tgt Ion:240 Resp: 728352
Ion Ratio Lower Upper
240 100
120 7.8 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: 57.21 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009534.D

Acq: 04 Apr 2017 17:51

Instrument :

BNA_M

ClientSampleId :

PB98027TB

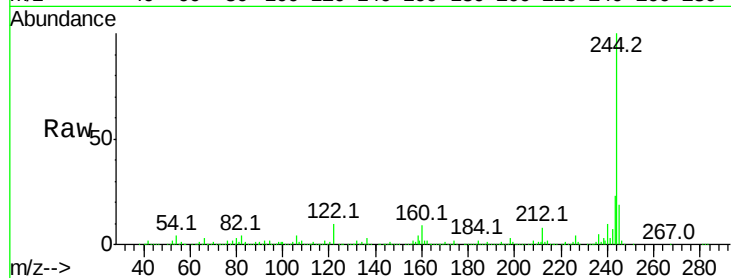
Tot Ion:244 Resp: 1994038

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

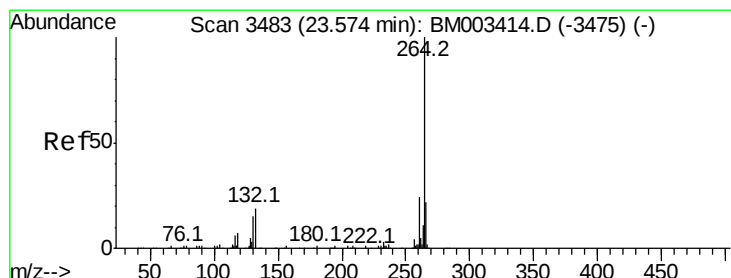
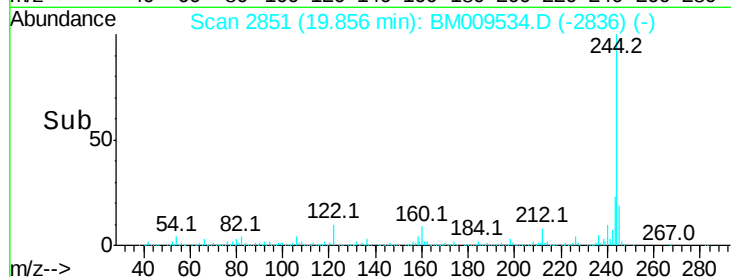
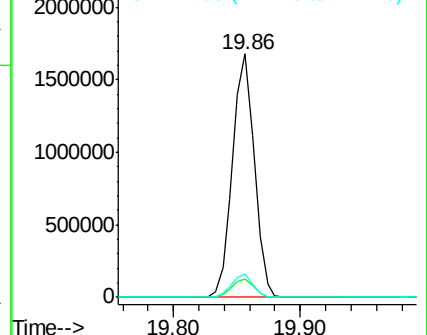
122 9.8 6.2 9.4#



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: BM009534.D

Acq: 04 Apr 2017 17:51

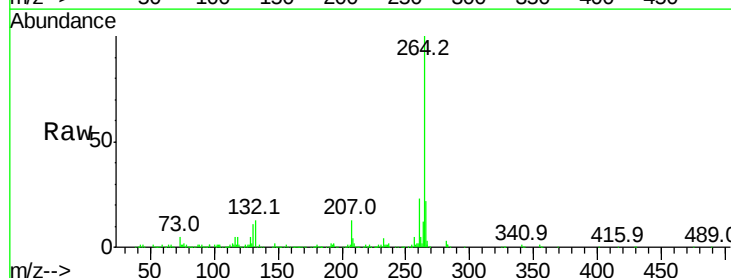
Tgt Ion:264 Resp: 671289

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.6 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

