

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009489.D
 Acq On : 01 Apr 2017 00:20
 Operator : SJ/MA
 Sample : I2475-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-EQUIPBLANK

Quant Time: Apr 01 02:15:23 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	120792	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	458170	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	270546	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	645491	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	885479	20.00	ng	-0.01
86) Perylene-d12	23.74	264	831760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	513091	70.80	ng	-0.01
7) Phenol-d6	7.00	99	377389	38.19	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1315725	107.67	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	508324	151.24	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2341024	104.26	ng	-0.01
78) Terphenyl-d14	19.86	244	3922076	92.56	ng	-0.01

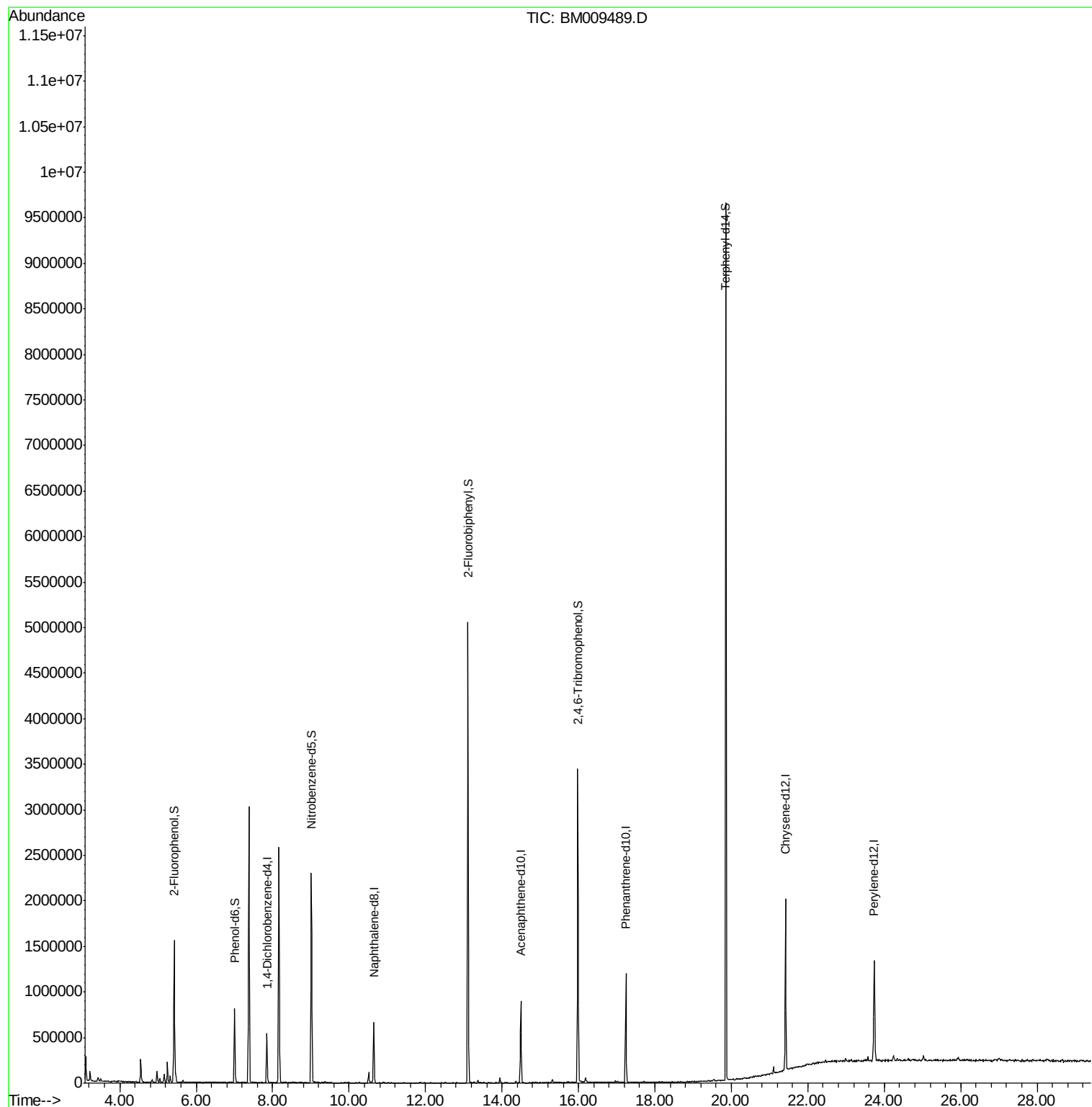
Target Compounds Qvalue

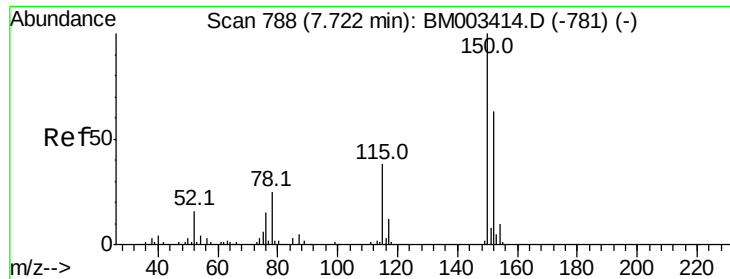
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009489.D
Acq On : 01 Apr 2017 00:20
Operator : SJ/MA
Sample : I2475-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
QNWP8-EQUIPBLANK

Quant Time: Apr 01 02:15:23 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



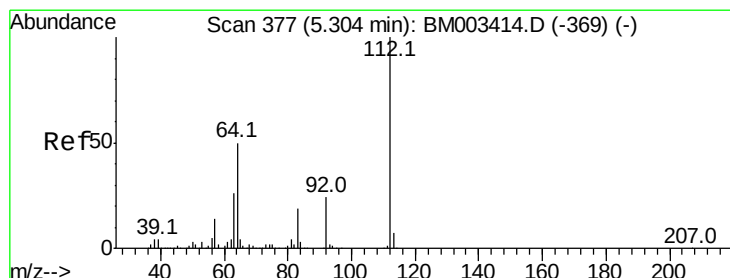
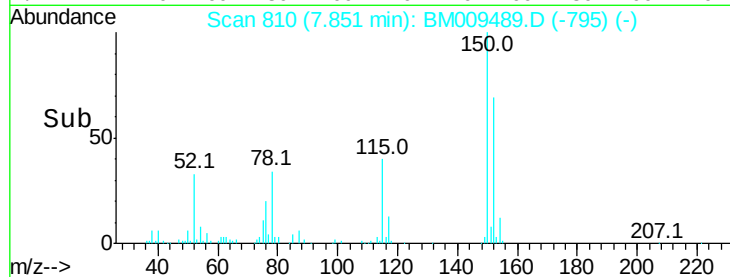
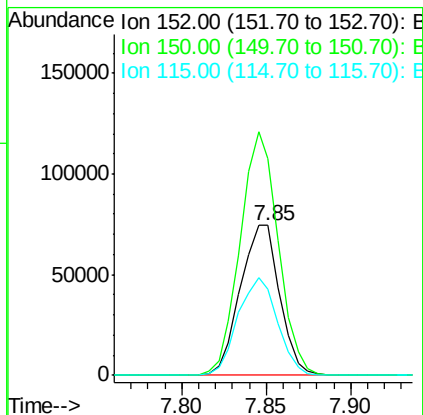
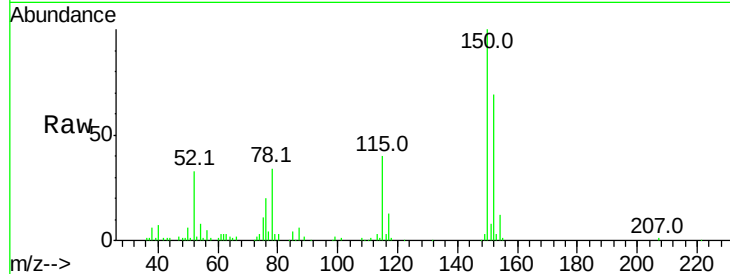


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009489.D
Acq: 01 Apr 2017 00:20

Instrument :
BNA_M
ClientSampleId :
QNWP8-EQUIPBLANK

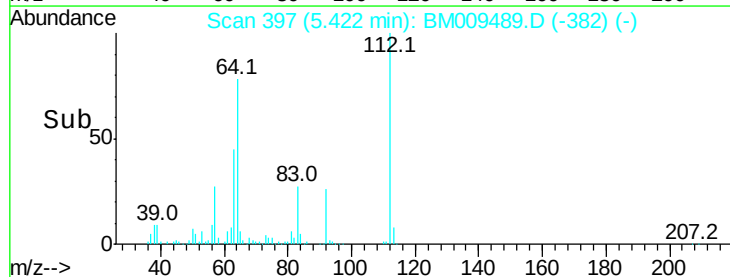
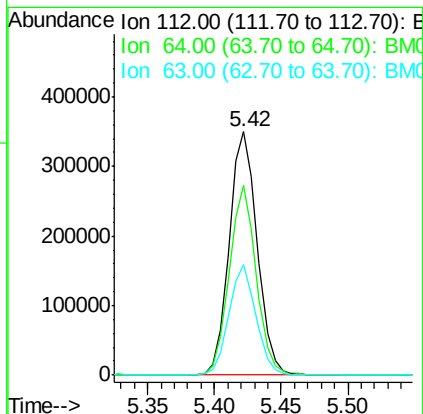
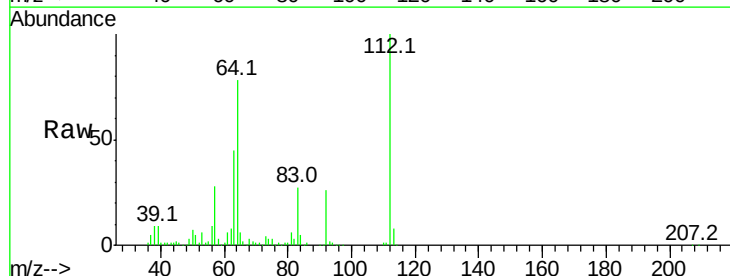
Tot Ion:152 Resp: 120792
Ion Ratio Lower Upper
152 100
150 144.2 119.5 179.3
115 57.1 43.0 64.4

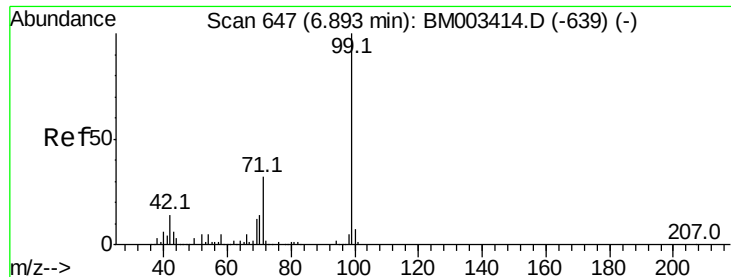


#5

2-Fluorophenol
Concen: 70.80 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009489.D
Acq: 01 Apr 2017 00:20

Tgt Ion:112 Resp: 513091
Ion Ratio Lower Upper
112 100
64 78.1 38.6 57.8#
63 45.4 19.3 28.9#





#7

Phenol-d6

Concen: 38.19 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009489.D

Acq: 01 Apr 2017 00:20

Instrument :

BNA_M

ClientSampleId :

QNWP8-EQUIPBLANK

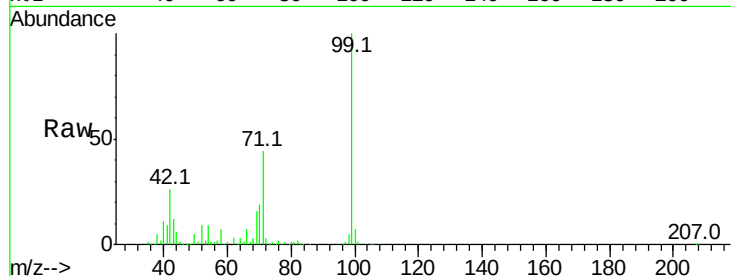
Tot Ion: 99 Resp: 377389

Ion Ratio Lower Upper

99 100

42 25.6 11.0 16.4#

71 44.0 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) (-)

7.00

300000

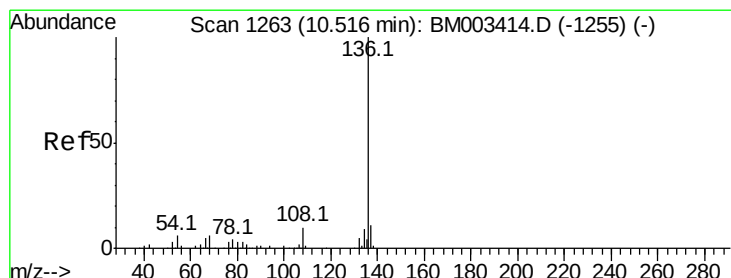
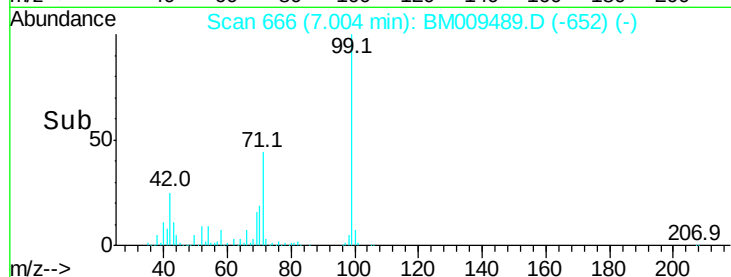
200000

100000

0

6.95 7.00 7.05 7.10

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009489.D

Acq: 01 Apr 2017 00:20

Tgt Ion: 136 Resp: 458170

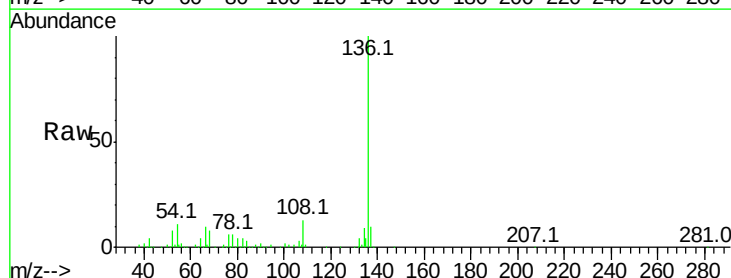
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 11.5 4.6 6.8#

68 7.7 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) (-)

10.65

400000

300000

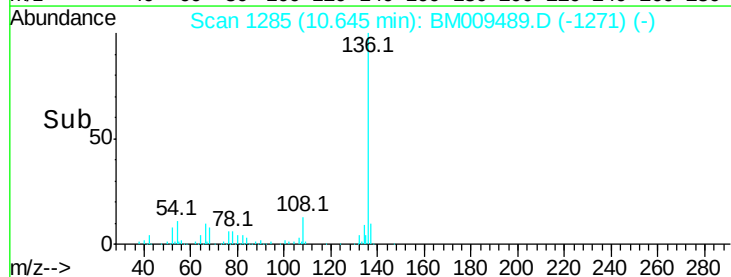
200000

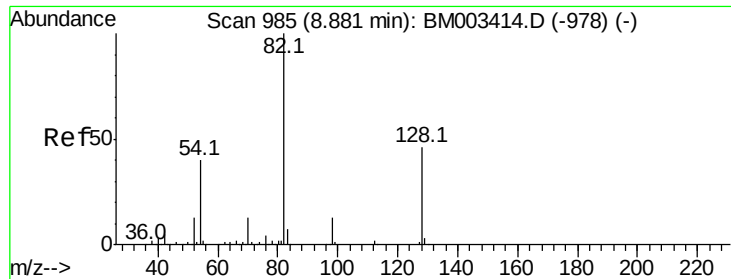
100000

0

10.60 10.65 10.70

Time-->

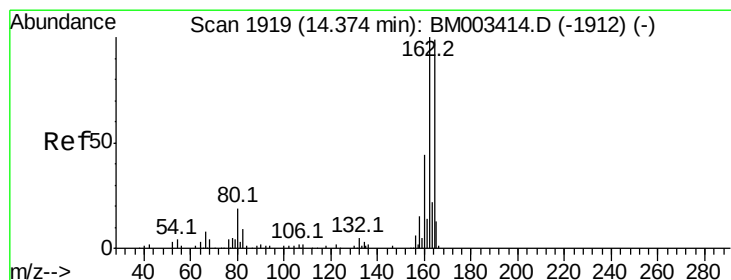
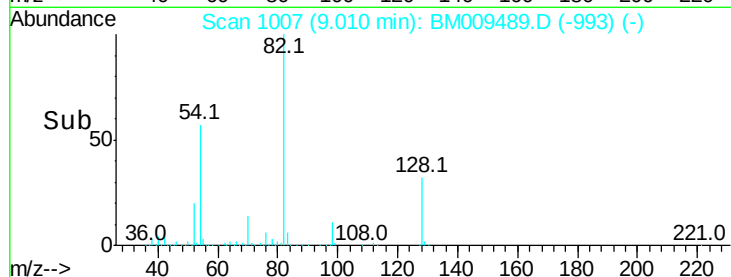
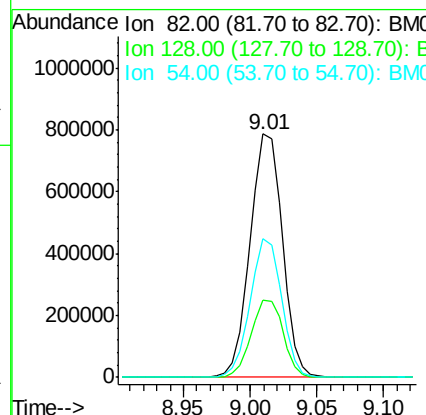
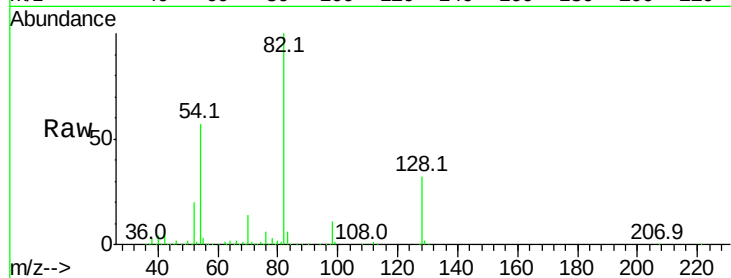




#23
 Nitrobenzene-d5
 Concen: 107.67 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009489.D
 Acq: 01 Apr 2017 00:20

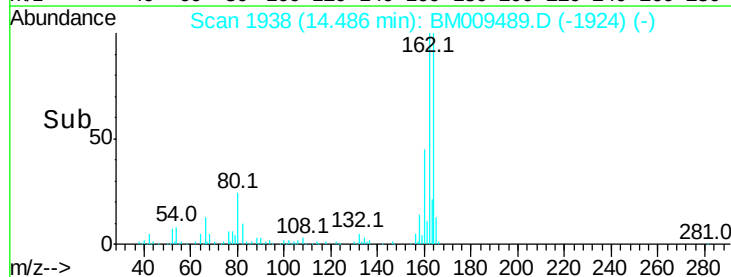
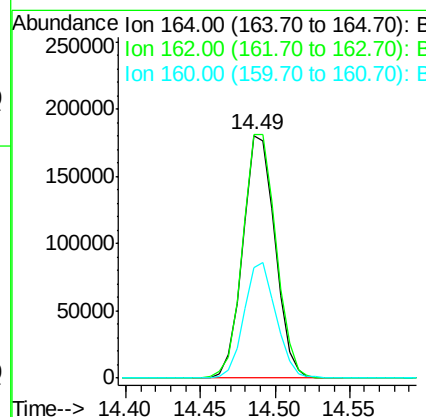
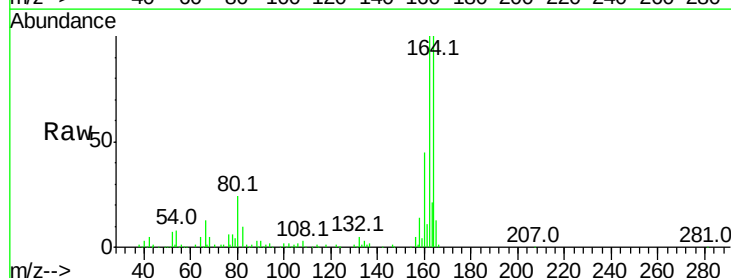
Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-EQUIPBLANK

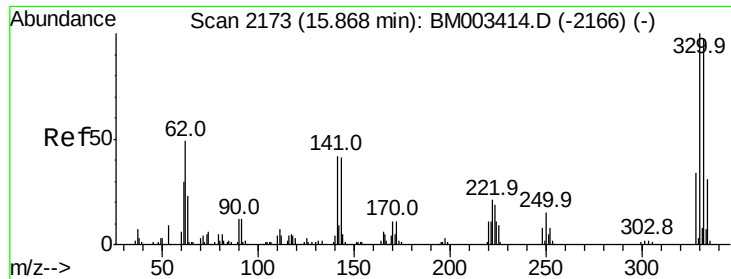
Tot Ion: 82 Resp: 1315725
 Ion Ratio Lower Upper
 82 100
 128 31.6 32.8 49.2#
 54 57.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009489.D
 Acq: 01 Apr 2017 00:20

Tgt Ion: 164 Resp: 270546
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.4 123.6
 160 45.4 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 151.24 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009489.D

Acq: 01 Apr 2017 00:20

Instrument :

BNA_M

ClientSampleId :

QNWP8-EQUIPBLANK

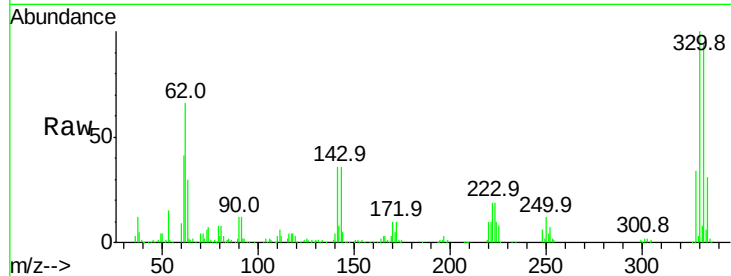
Tot Ion:330 Resp: 508324

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

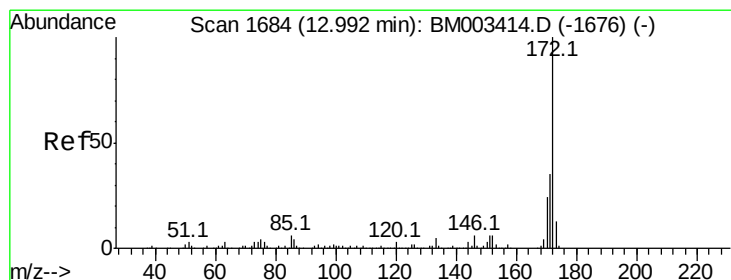
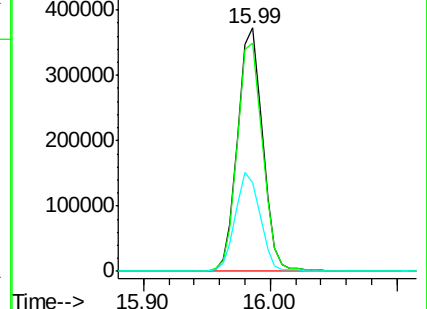
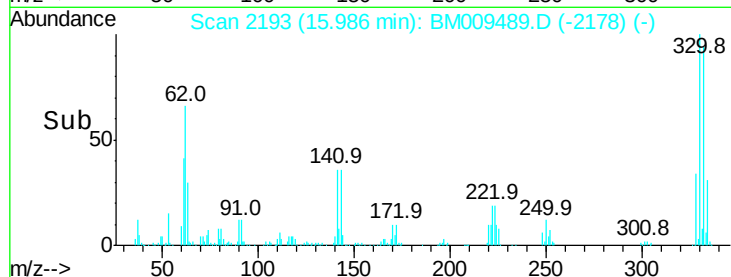
141 40.7 0.0 0.0#



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: 104.26 ng

RT: 13.11 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BM009489.D

Acq: 01 Apr 2017 00:20

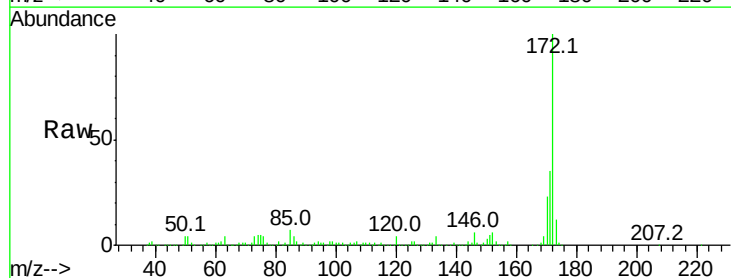
Tgt Ion:172 Resp: 2341024

Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

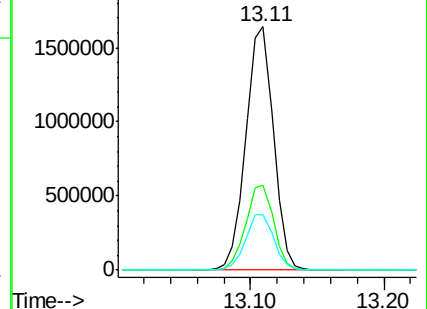
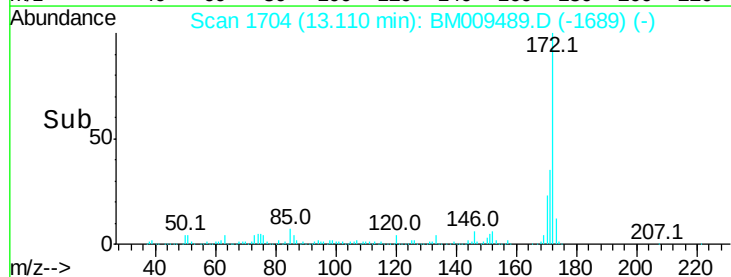
170 22.8 18.8 28.2

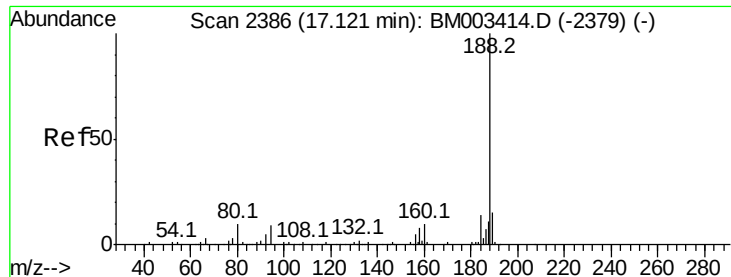


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM009489.D

Acq: 01 Apr 2017 00:20

Instrument :

BNA_M

ClientSampleId :

QNWP8-EQUIPBLANK

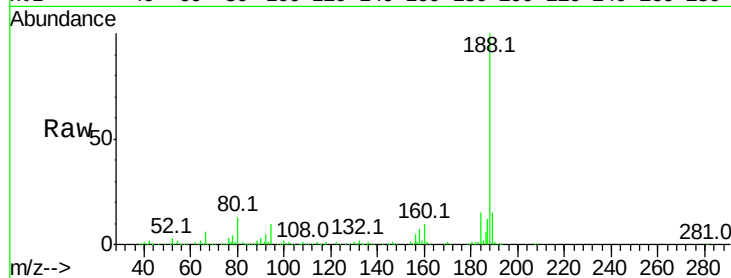
Tot Ion:188 Resp: 645491

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

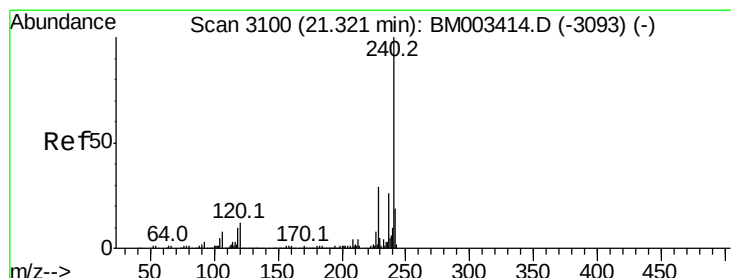
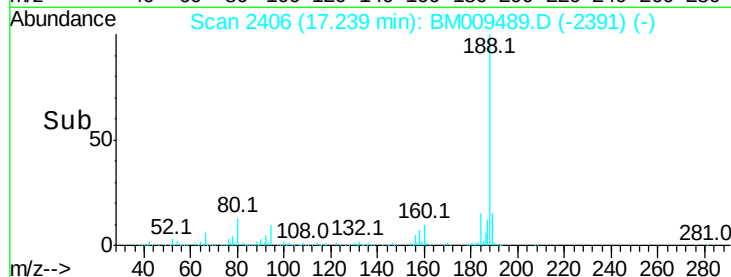
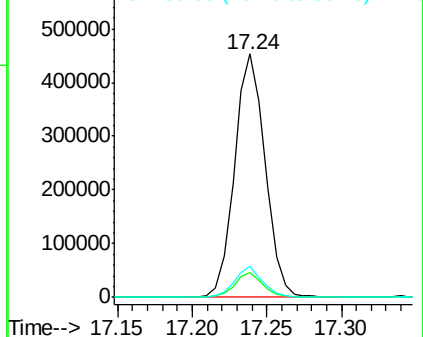
80 12.8 9.3 13.9



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: BM009489.D

Acq: 01 Apr 2017 00:20

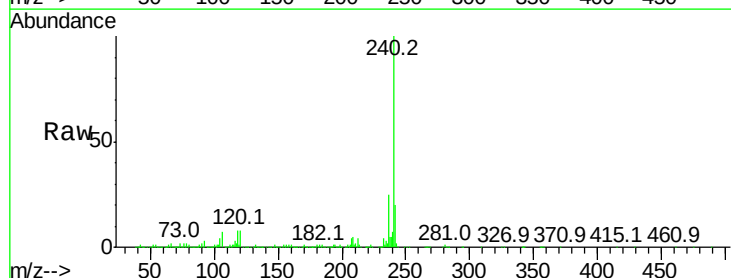
Tgt Ion:240 Resp: 885479

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

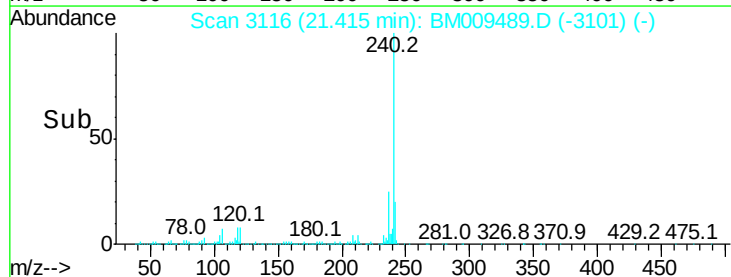
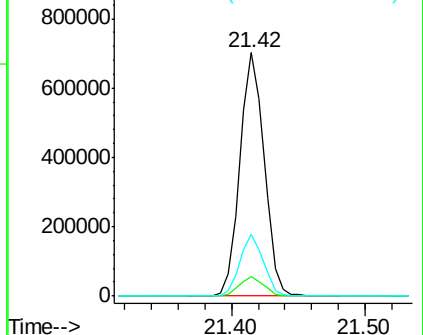
236 25.2 20.0 30.0

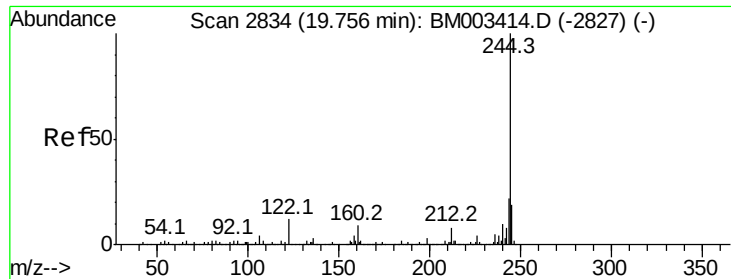


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.56 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009489.D

Acq: 01 Apr 2017 00:20

Instrument :

BNA_M

ClientSampleId :

QNWP8-EQUIPBLANK

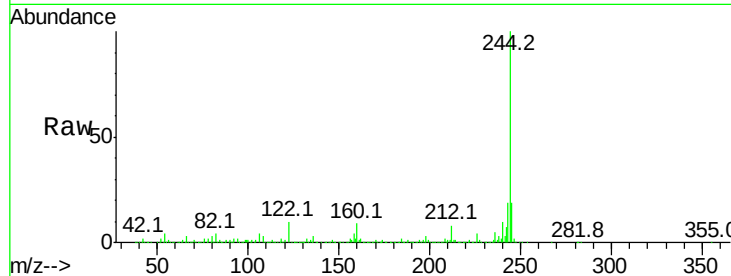
Tot Ion:244 Resp: 3922076

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

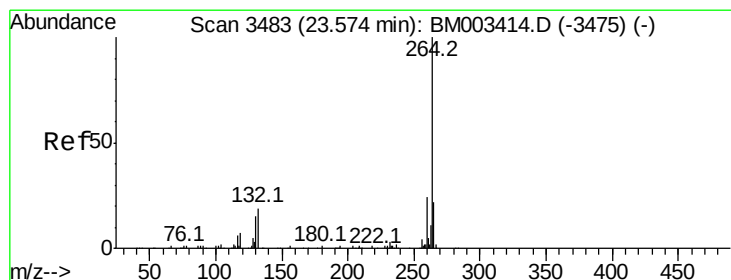
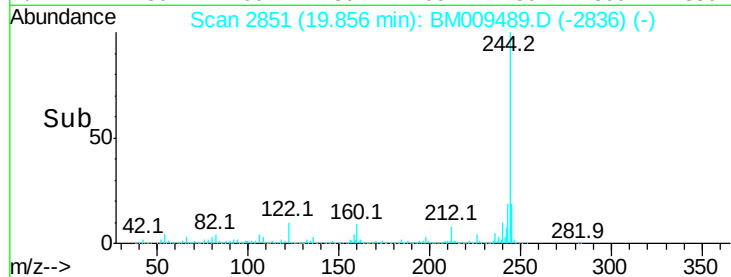
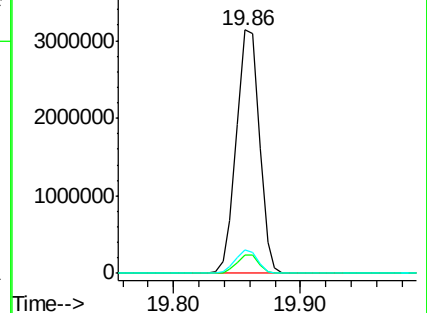
122 9.7 6.2 9.4#



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: BM009489.D

Acq: 01 Apr 2017 00:20

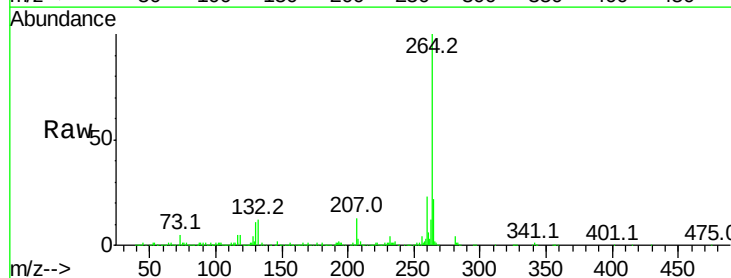
Tgt Ion:264 Resp: 831760

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 22.0 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

