

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014216.D
 Acq On : 09 Feb 2018 16:10
 Operator : SJ/JU
 Sample : PB106423BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BL

Quant Time: Feb 10 02:30:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	89947	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	328892	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	212930	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	461844	20.00	ng	0.00
75) Chrysene-d12	21.16	240	413198	20.00	ng	0.00
86) Perylene-d12	23.34	264	384106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	494235	95.77	ng	0.00
7) Phenol-d6	6.73	99	644874	88.23	ng	0.00
23) Nitrobenzene-d5	8.70	82	471943	64.10	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	225228	74.54	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1010895	59.26	ng	0.00
78) Terphenyl-d14	19.60	244	1458267	68.96	ng	0.00

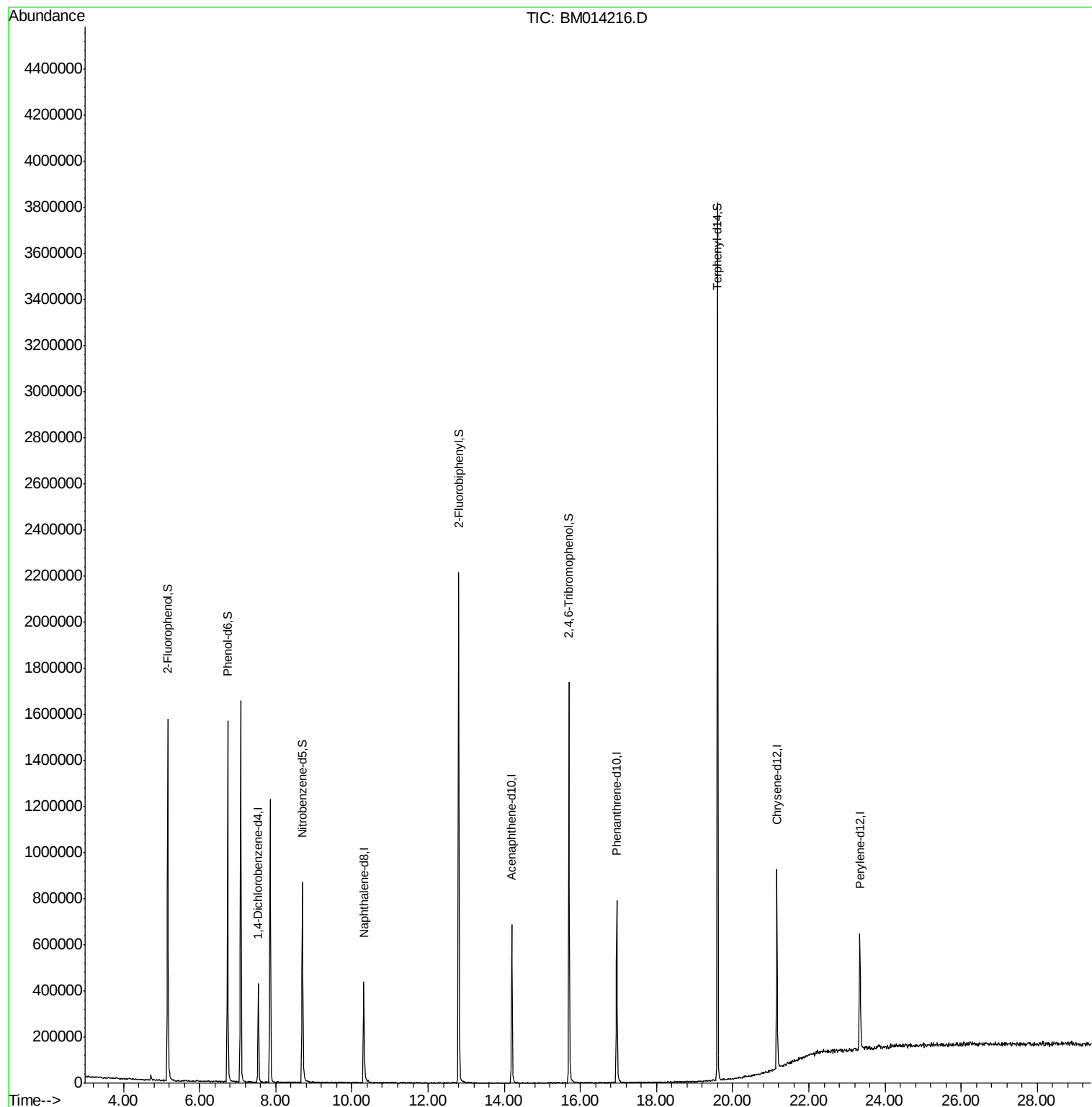
Target Compounds Qvalue

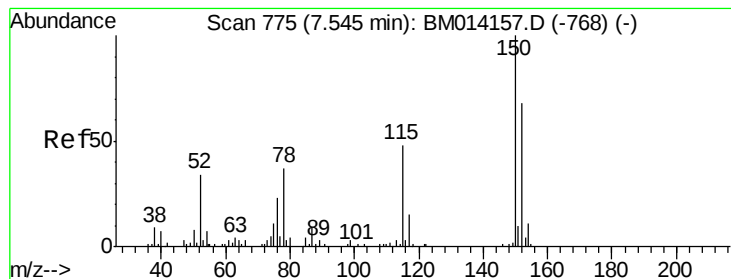
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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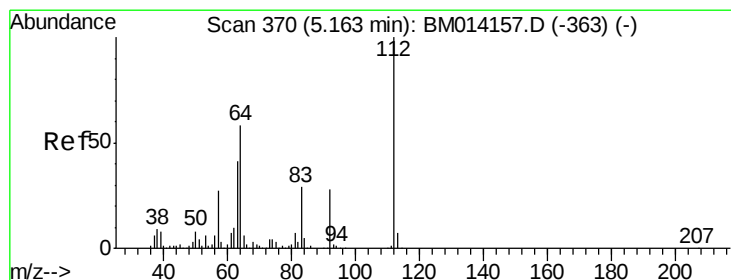
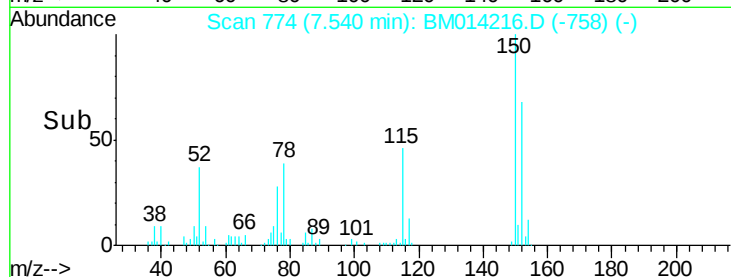
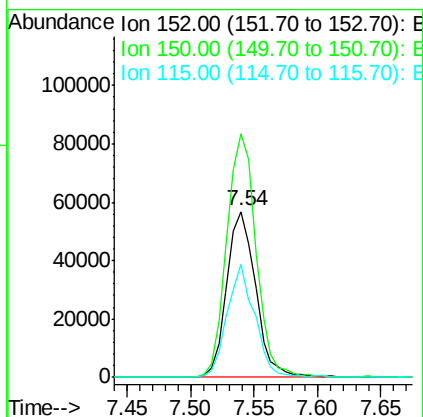
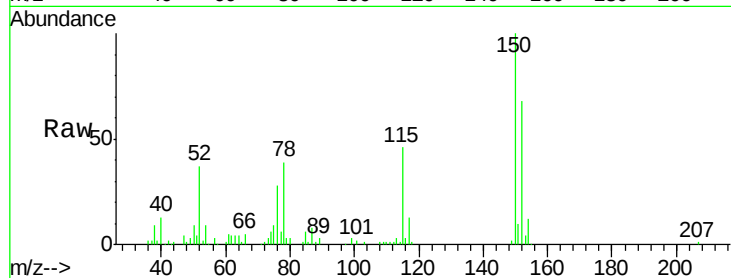


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Instrument :
BNA_M
ClientSampled :
PB106423BL

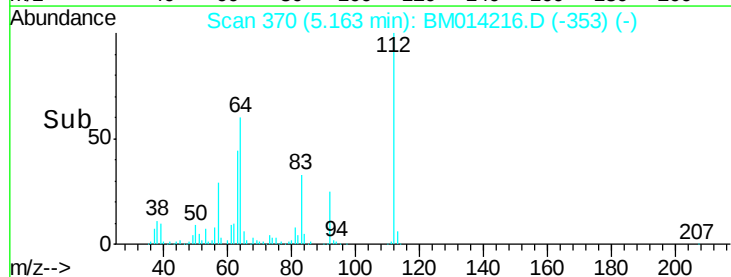
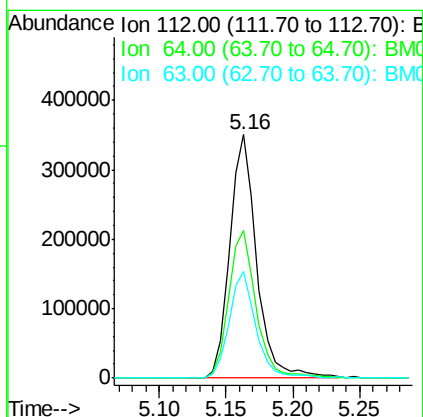
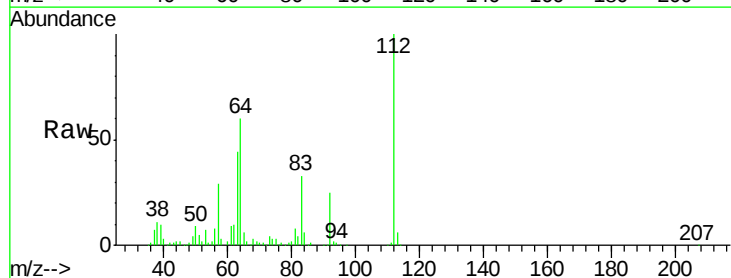
Tot Ion:152 Resp: 89947
Ion Ratio Lower Upper
152 100
150 146.9 119.5 179.3
115 67.9 43.0 64.4#

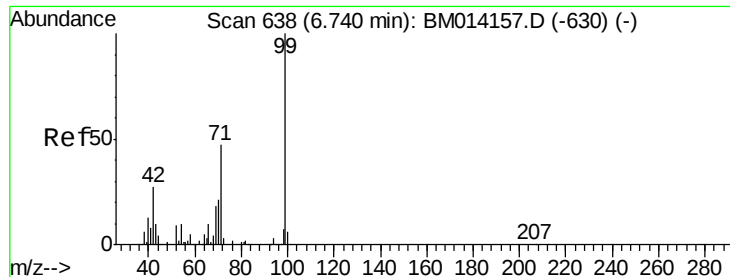


#5

2-Fluorophenol
Concen: 95.772 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Tgt Ion:112 Resp: 494235
Ion Ratio Lower Upper
112 100
64 60.4 38.6 57.8#
63 43.9 19.3 28.9#





#7

Phenol-d6

Concen: 88.233 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Instrument :

BNA_M

ClientSampled :

PB106423BL

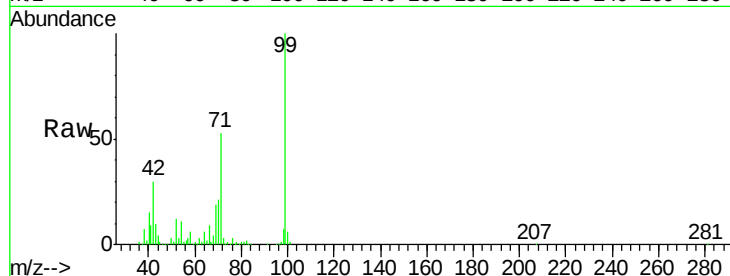
Tot Ion: 99 Resp: 644874

Ion Ratio Lower Upper

99 100

42 29.8 11.0 16.4#

71 53.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014216.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014216.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014216.D (-621) (-)

6.73

500000

400000

300000

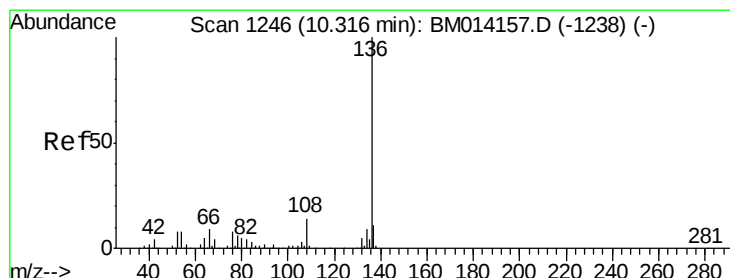
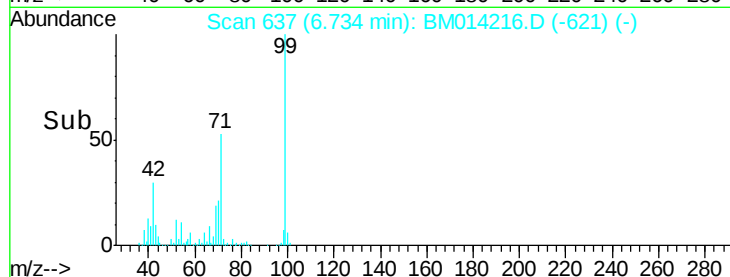
200000

100000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Tgt Ion: 136 Resp: 328892

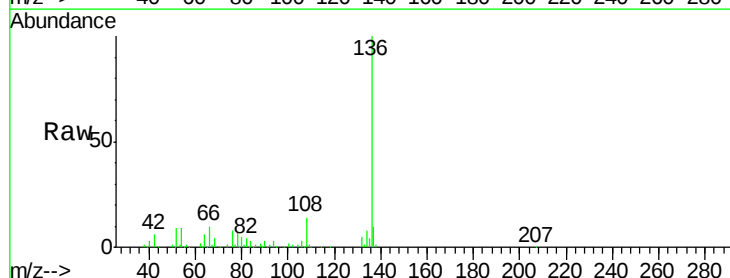
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 9.2 4.6 6.8#

68 4.0 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM014216.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014216.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014216.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014216.D (-1229) (-)

10.31

250000

200000

150000

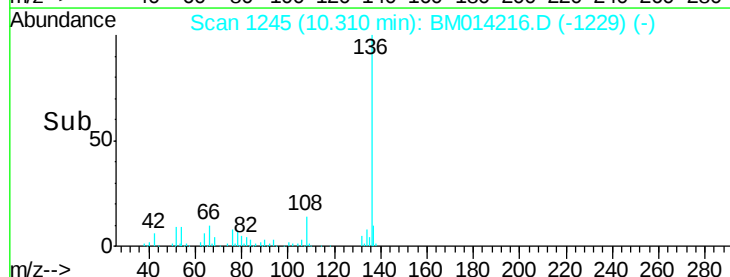
100000

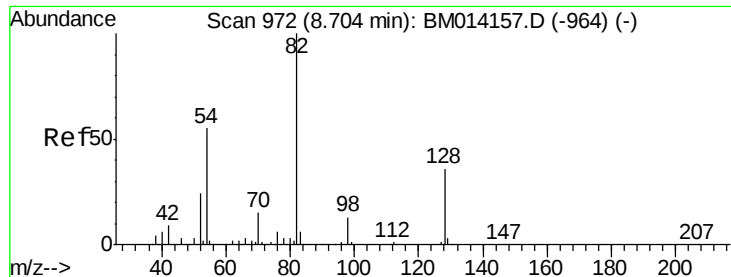
50000

0

10.30 10.40

Time-->

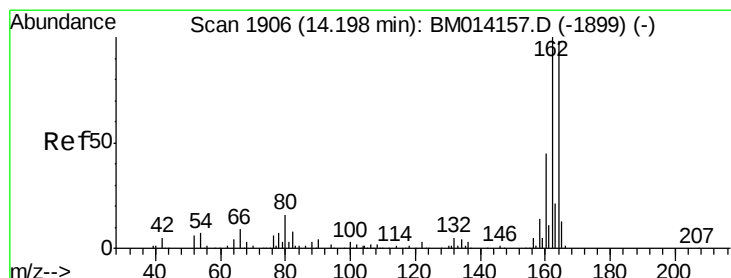
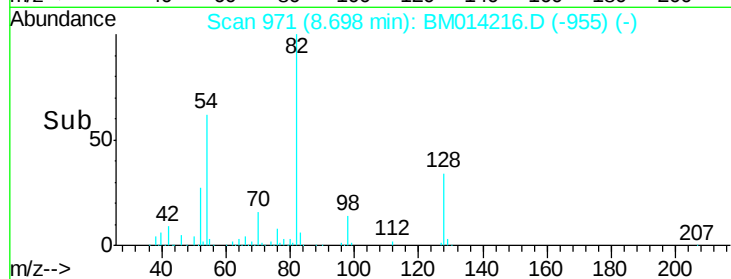
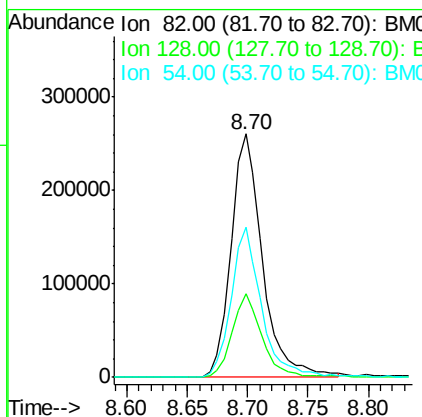
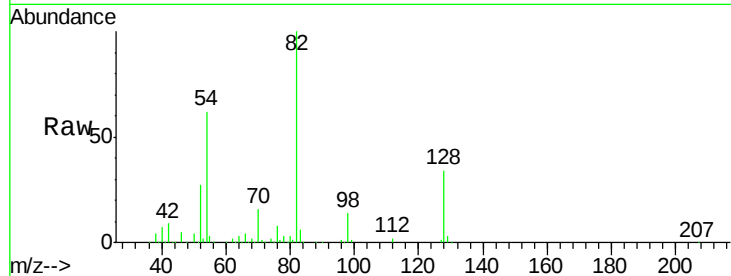




#23
 Nitrobenzene-d5
 Concen: 64.095 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014216.D
 Acq: 09 Feb 2018 16:10

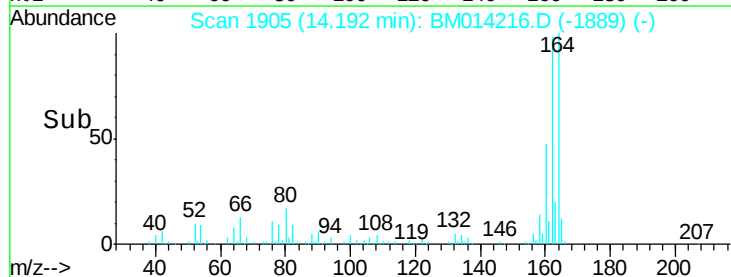
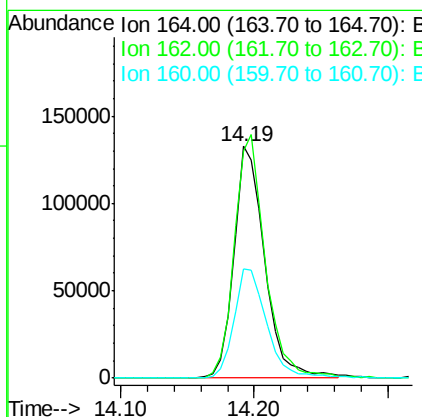
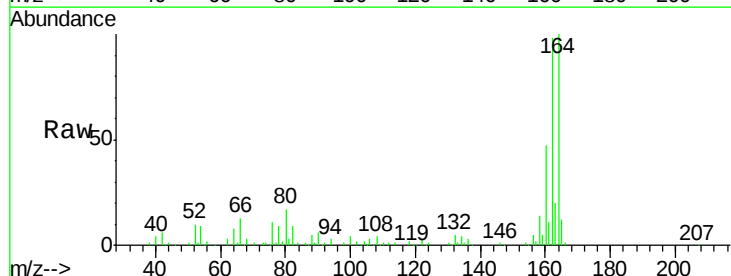
Instrument :
 BNA_M
 ClientSampleId :
 PB106423BL

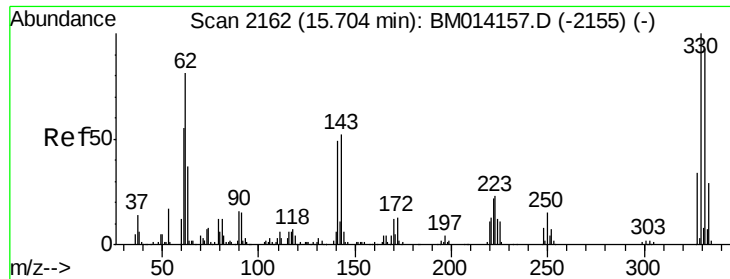
Tot Ion	82	Resp	471943
Ion Ratio	Lower	Upper	
82	100		
128	34.3	32.8	49.2
54	61.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM014216.D
 Acq: 09 Feb 2018 16:10

Tgt Ion	164	Resp	212930
Ion Ratio	Lower	Upper	
164	100		
162	97.9	82.4	123.6
160	47.1	35.8	53.6

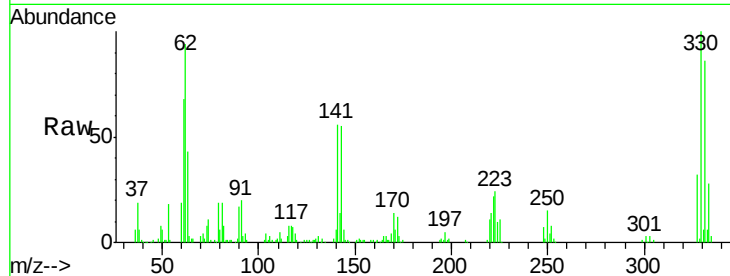




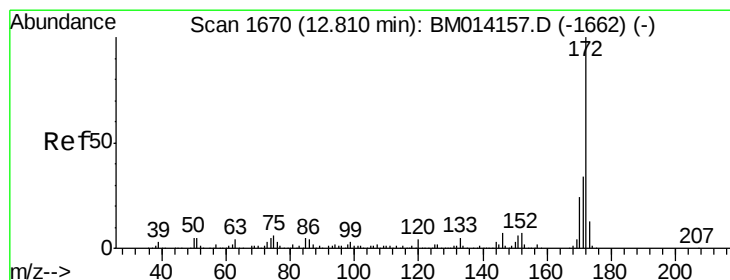
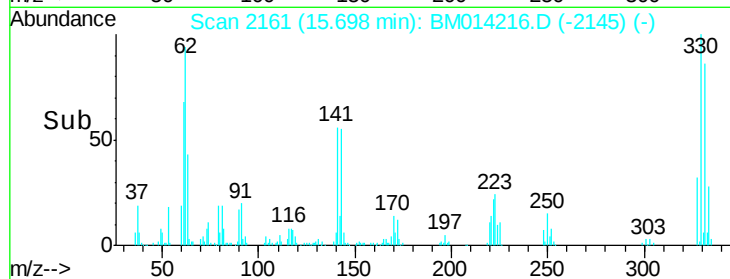
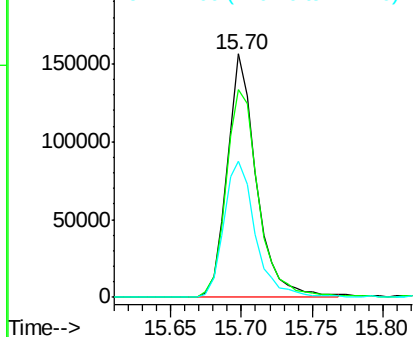
#41
 2,4,6-Tribromophenol
 Concen: 74.544 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014216.D
 Acq: 09 Feb 2018 16:10

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BL

Tot Ion:330 Resp: 225228
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 60.4 0.0 0.0#

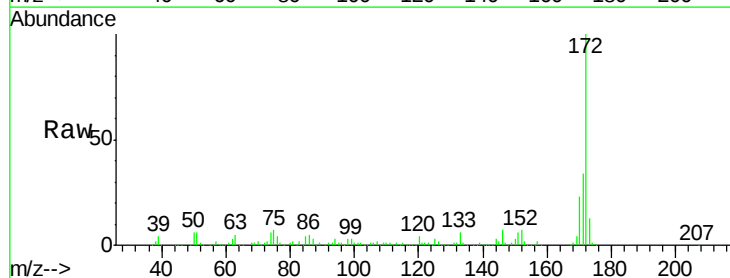


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

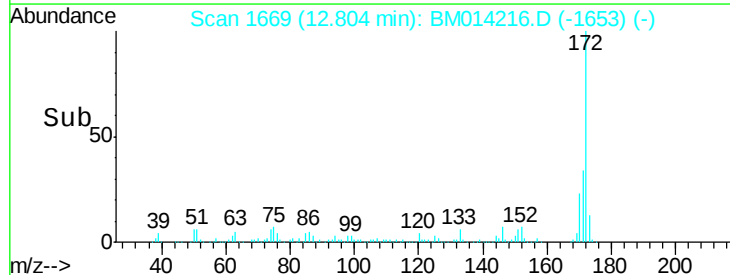
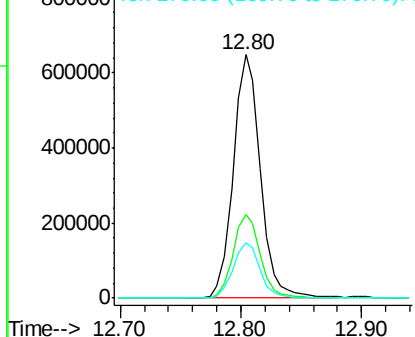


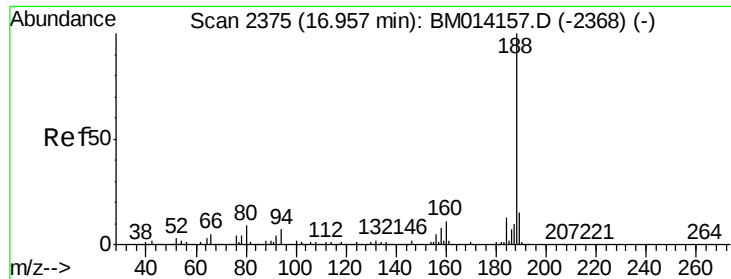
#44
 2-Fluorobiphenyl
 Concen: 59.264 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014216.D
 Acq: 09 Feb 2018 16:10

Tgt Ion:172 Resp: 1010895
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.0 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

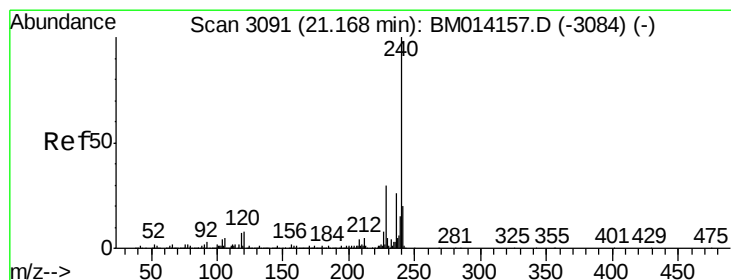
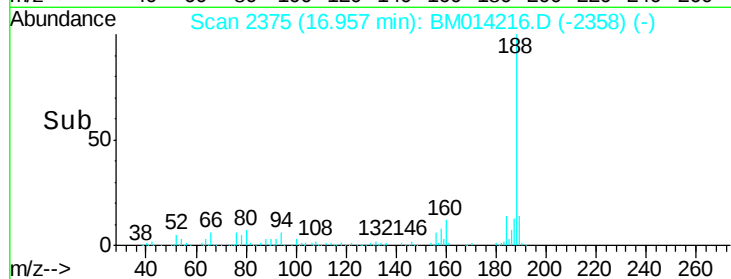
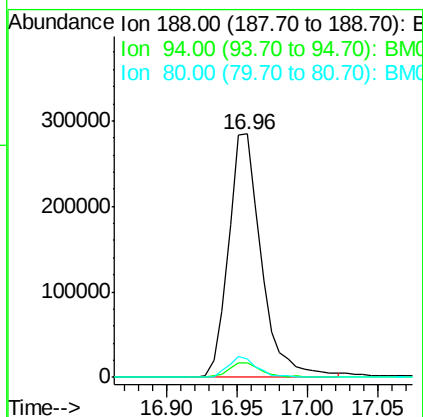
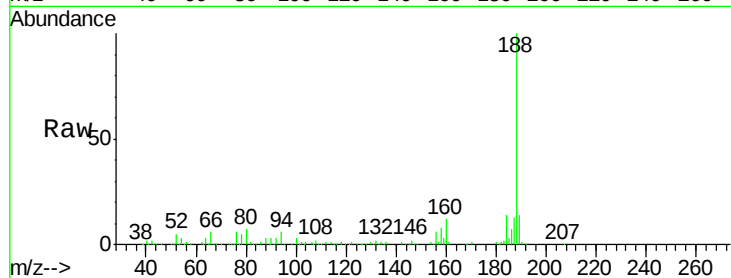




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

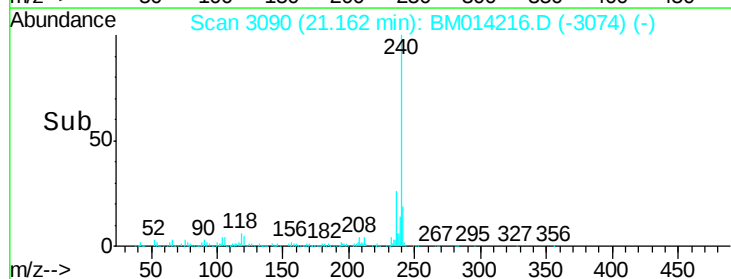
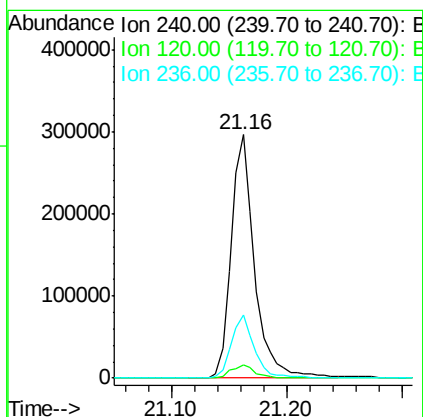
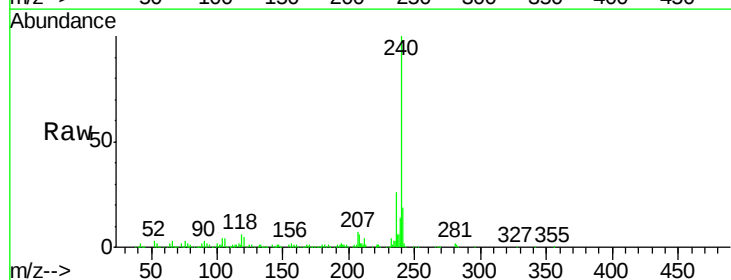
Instrument :
BNA_M
ClientSampleId :
PB106423BL

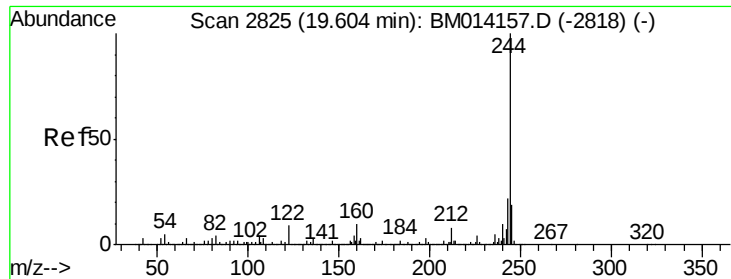
Tot Ion:188 Resp: 461844
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 7.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014216.D
Acq: 09 Feb 2018 16:10

Tgt Ion:240 Resp: 413198
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 68.959 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

Instrument :

BNA_M

ClientSampleId :

PB106423BL

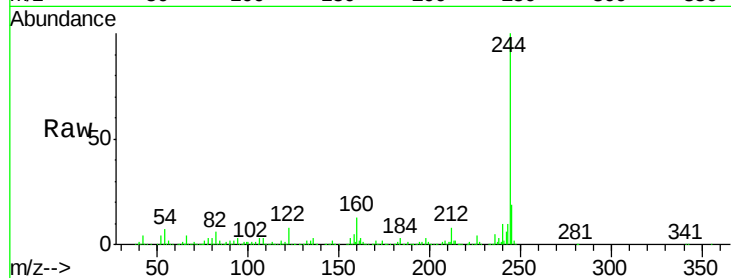
Tot Ion:244 Resp: 1458267

Ion Ratio Lower Upper

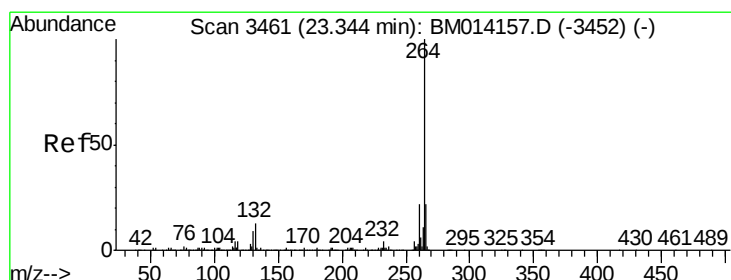
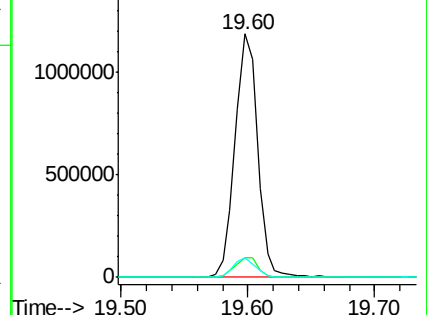
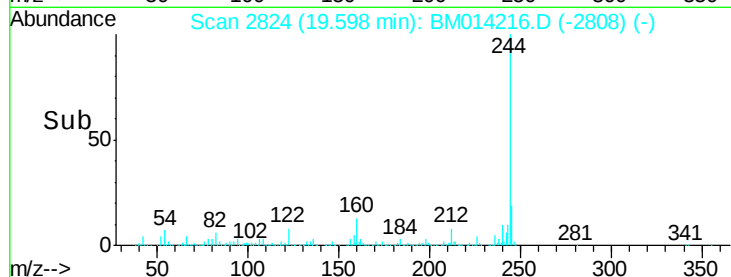
244 100

212 8.0 4.9 7.3#

122 8.0 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: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014216.D

Acq: 09 Feb 2018 16:10

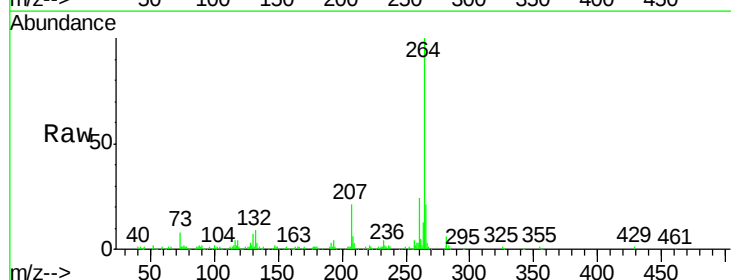
Tgt Ion:264 Resp: 384106

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 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

