

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084635.D
 Acq On : 29 Jan 2016 14:50
 Operator : SJ/IZ
 Sample : PB88072BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BL

Quant Time: Jan 29 23:27:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159959	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	662115	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301687	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	622845	20.00	ng	0.00
75) Chrysene-d12	13.87	240	562544	20.00	ng	0.00
86) Perylene-d12	15.25	264	454584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1105796	104.35	ng	0.01
7) Phenol-d6	6.37	99	1464012	115.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	741724	62.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	349628	110.57	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1592052	78.44	ng	0.00
78) Terphenyl-d14	12.83	244	1592434	63.93	ng	0.00

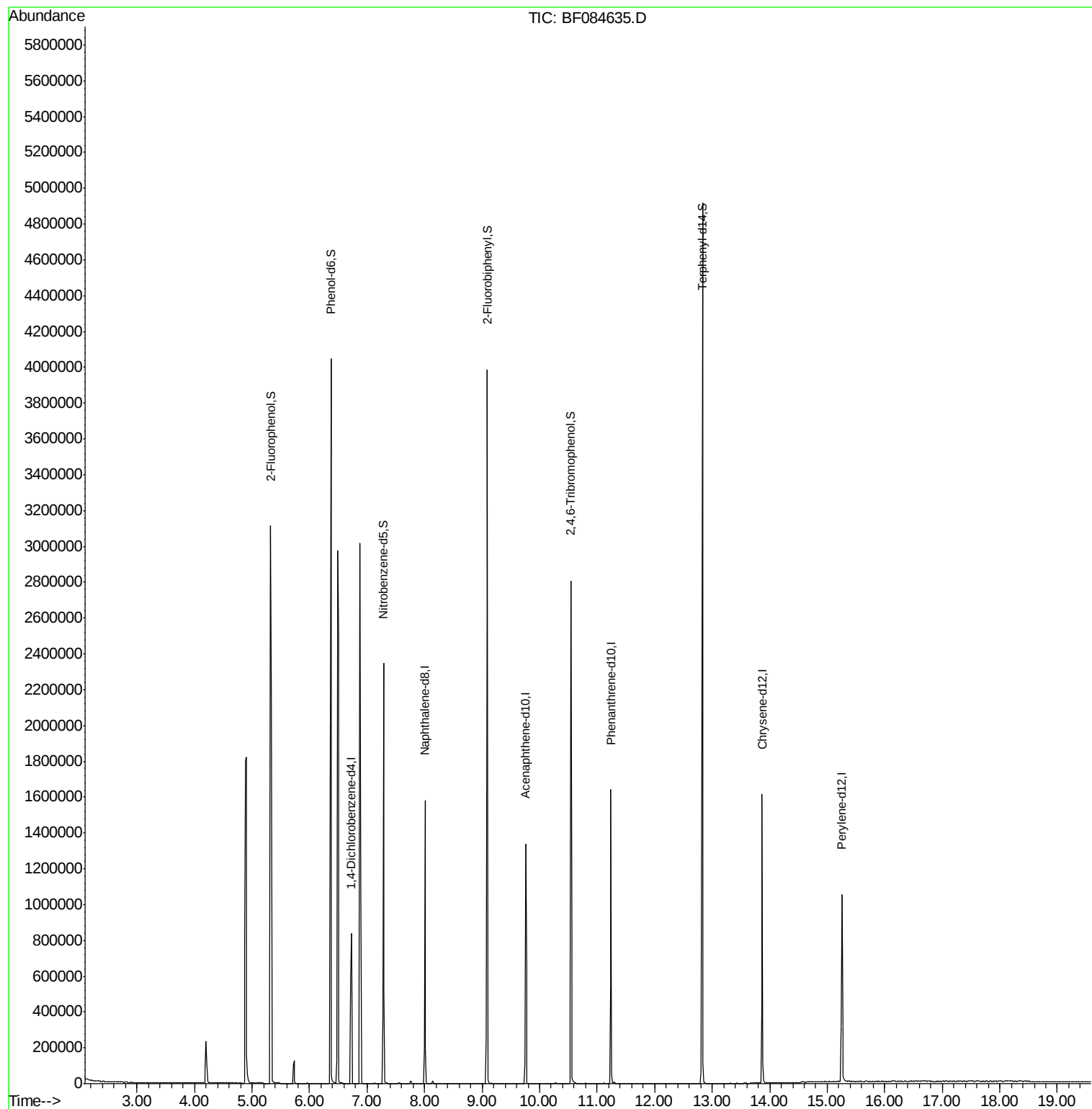
Target Compounds Qvalue

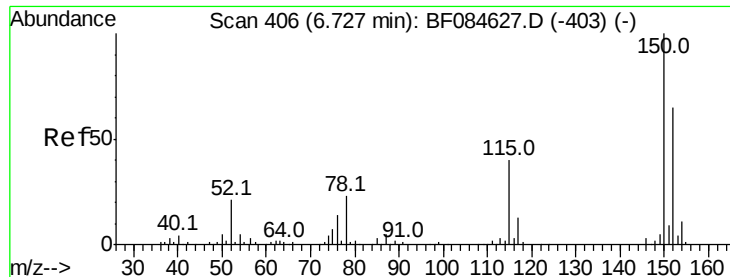
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084635.D
Acq On : 29 Jan 2016 14:50
Operator : SJ/IZ
Sample : PB88072BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88072BL

Quant Time: Jan 29 23:27:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084635.D

Acq: 29 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

PB88072BL

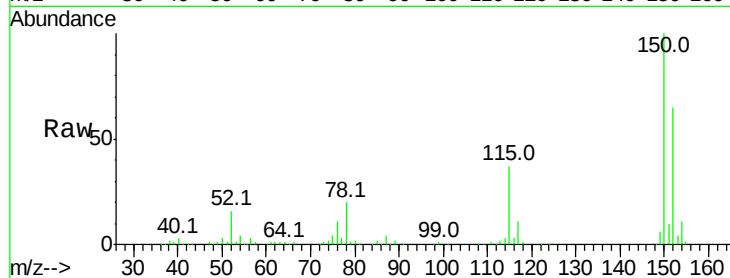
Tot Ion:152 Resp: 159959

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

115 56.9 51.4 77.2



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

300000

250000

200000

150000

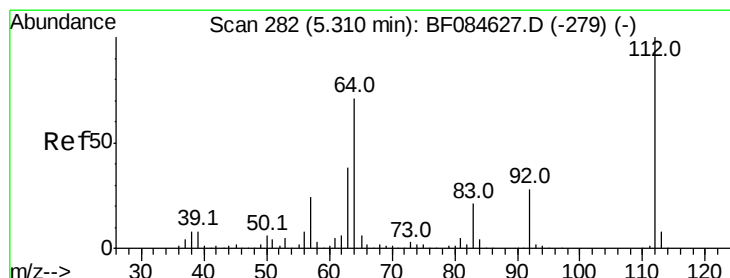
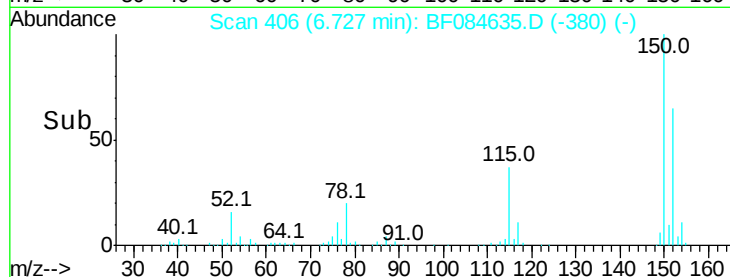
100000

50000

0

6.70 6.75

Time-->



#5

2-Fluorophenol

Concen: 104.35 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084635.D

Acq: 29 Jan 2016 14:50

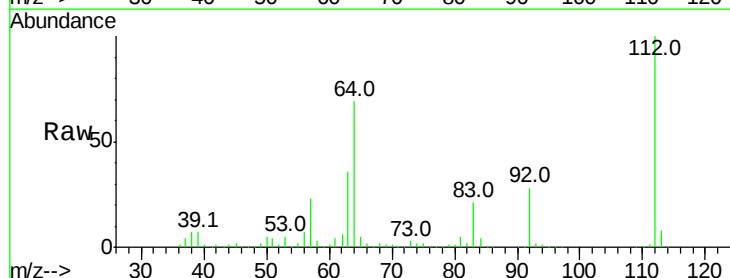
Tgt Ion:112 Resp: 1105796

Ion Ratio Lower Upper

112 100

64 68.6 36.6 55.0#

63 36.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

1000000

800000

600000

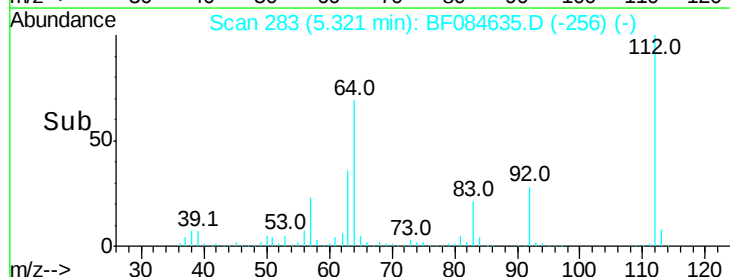
400000

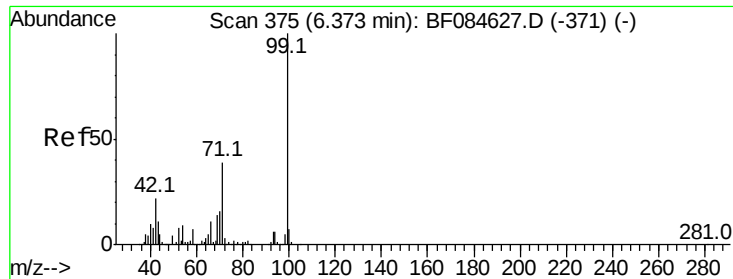
200000

0

5.30 5.40 5.50

Time-->





#7

Phenol-d6

Concen: 115.27 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084635.D

Acq: 29 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

PB88072BL

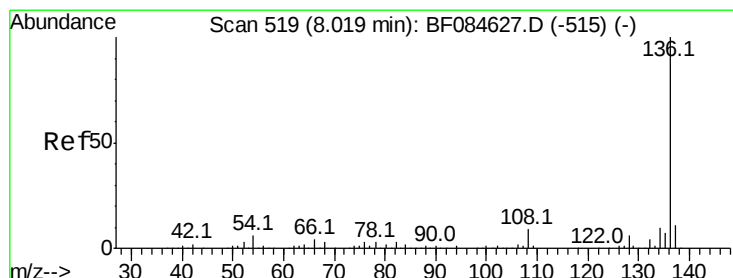
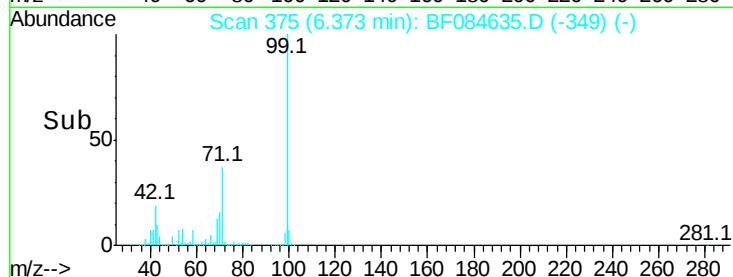
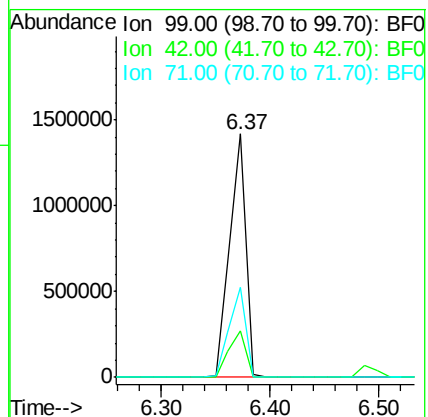
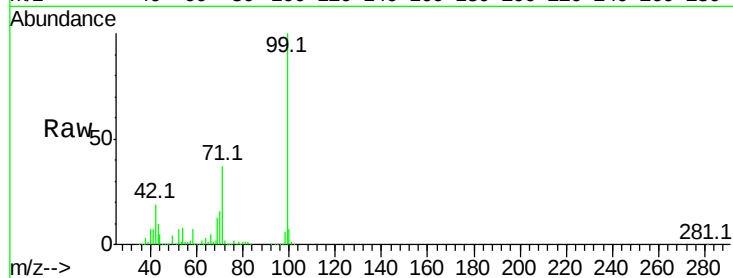
Tot Ion: 99 Resp: 1464012

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 36.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084635.D

Acq: 29 Jan 2016 14:50

Tgt Ion: 136 Resp: 662115

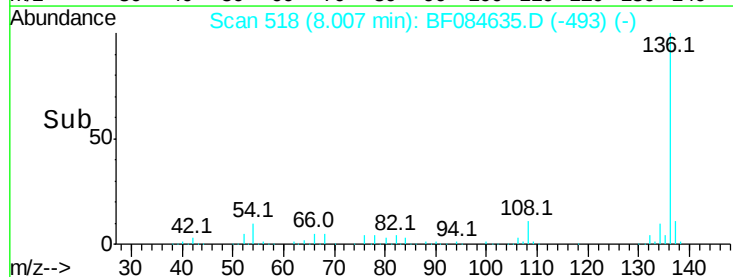
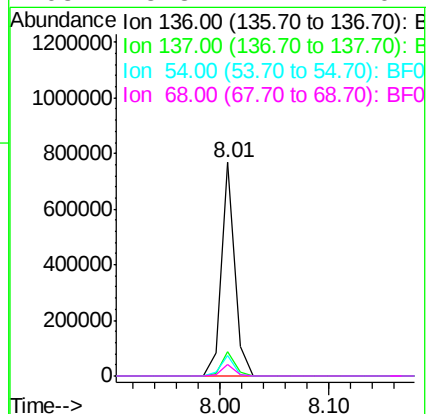
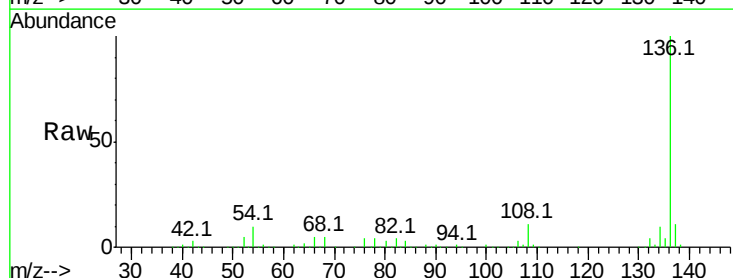
Ion Ratio Lower Upper

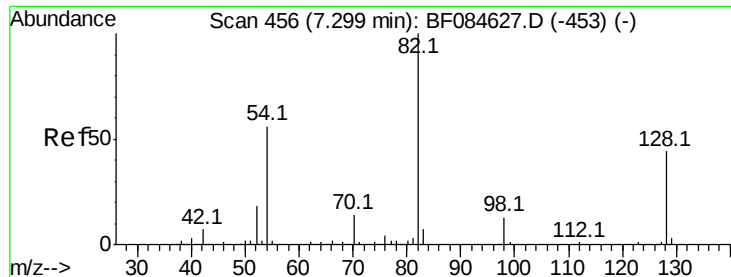
136 100

137 11.2 8.7 13.1

54 9.5 5.8 8.8#

68 5.3 4.2 6.2

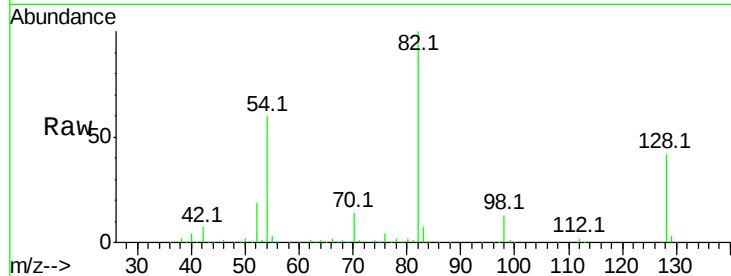




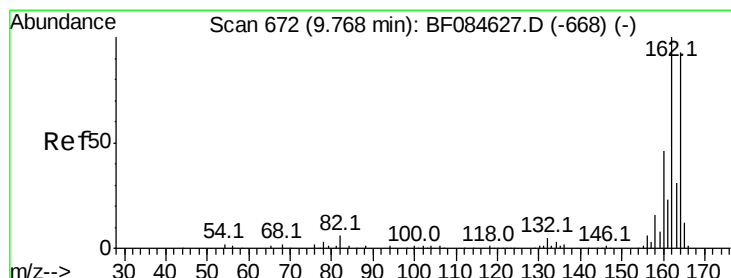
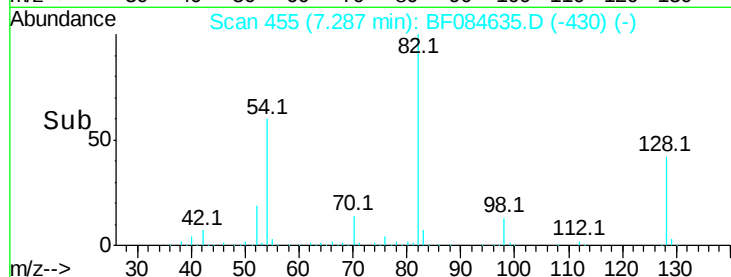
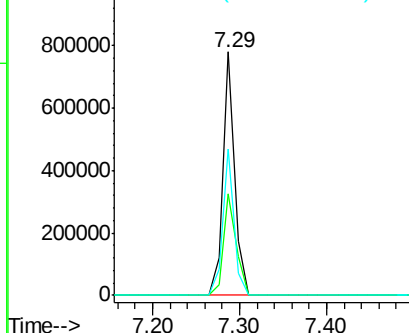
#23
 Nitrobenzene-d5
 Concen: 62.61 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084635.D
 Acq: 29 Jan 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BL

Tot Ion: 82 Resp: 741724
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 60.1 38.4 57.6#

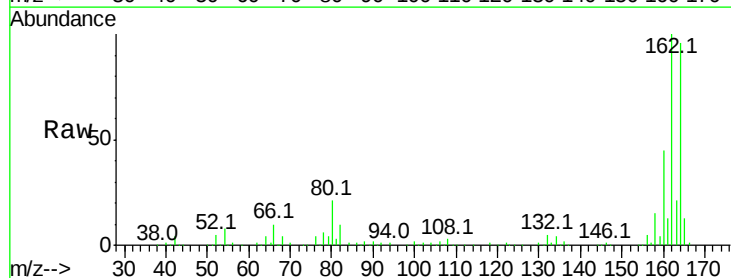


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

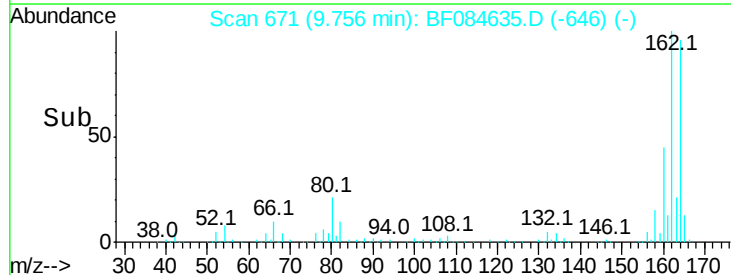
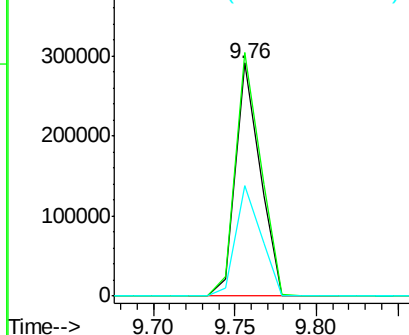


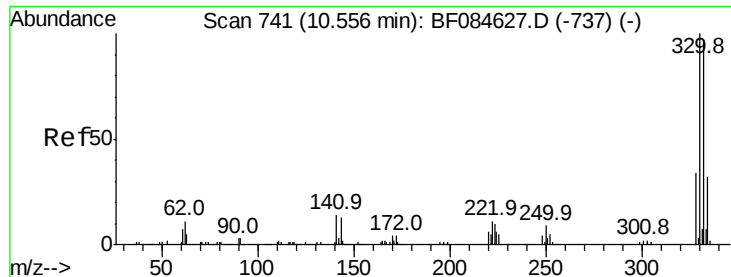
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084635.D
 Acq: 29 Jan 2016 14:50

Tgt Ion:164 Resp: 301687
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 47.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

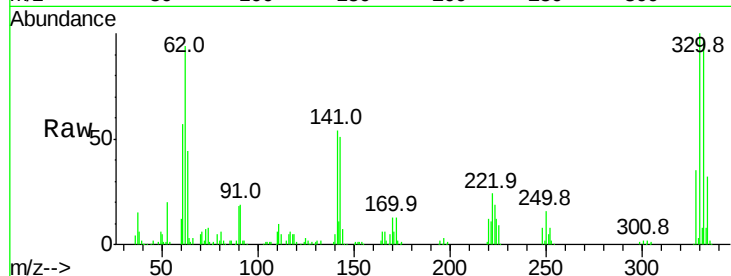




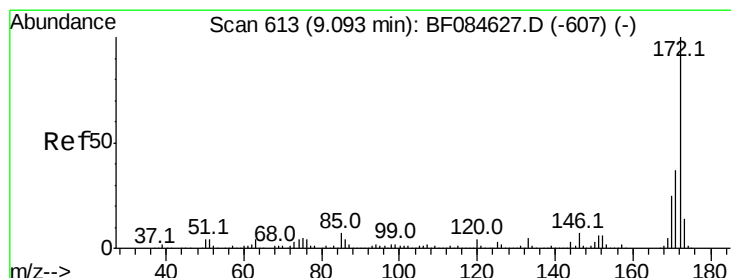
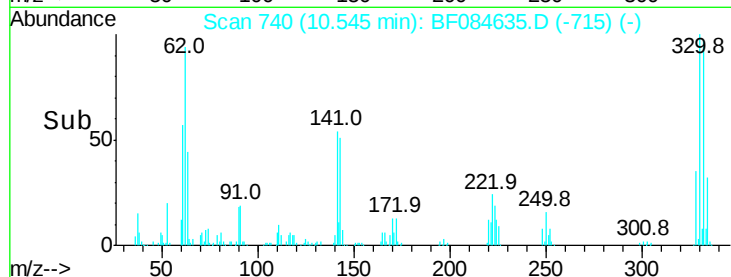
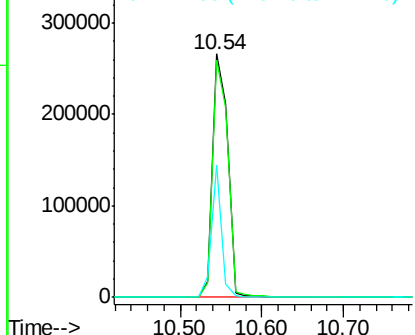
#41
 2,4,6-Tribromophenol
 Concen: 110.57 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084635.D
 Acq: 29 Jan 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BL

Tot Ion:330 Resp: 349628
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 36.1 27.8 41.6

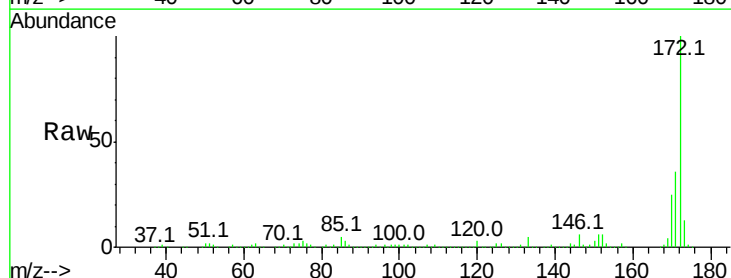


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

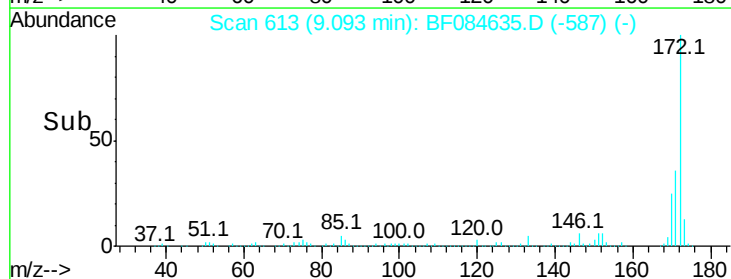
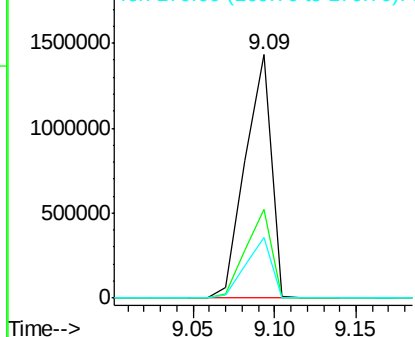


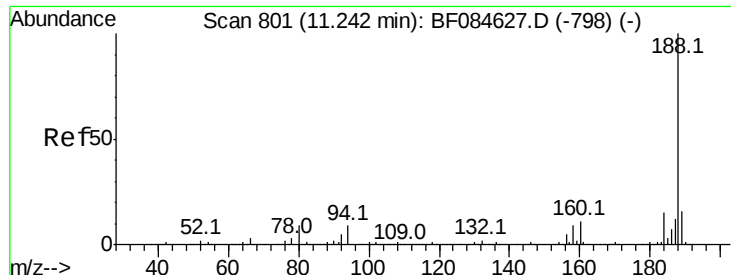
#44
 2-Fluorobiphenyl
 Concen: 78.44 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084635.D
 Acq: 29 Jan 2016 14:50

Tgt Ion:172 Resp: 1592052
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.7 18.6 27.8



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

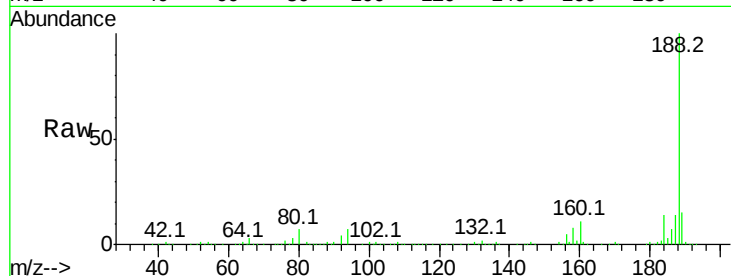




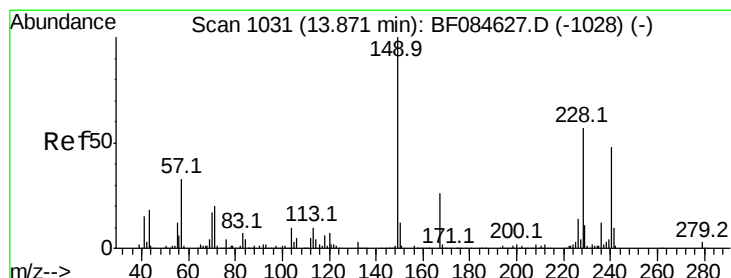
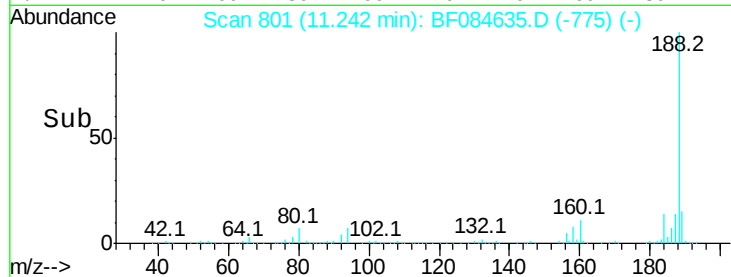
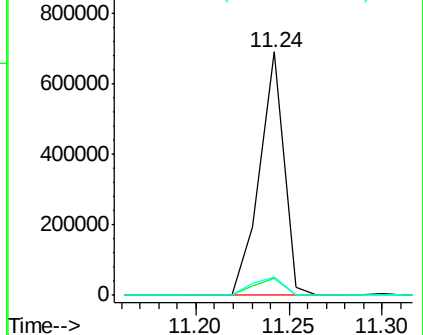
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084635.D
Acq: 29 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
PB88072BL

Tot Ion:188 Resp: 622845
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.4#
80 7.5 9.6 14.4#

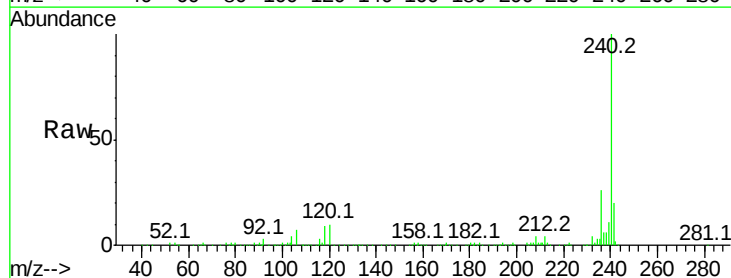


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

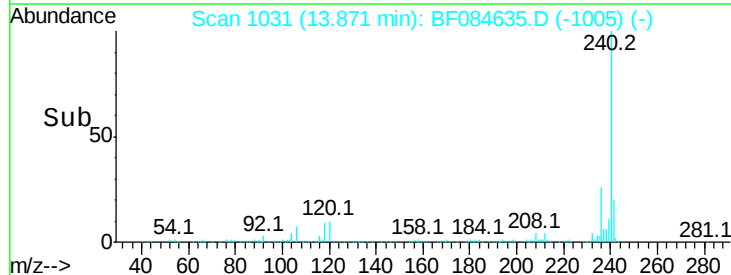
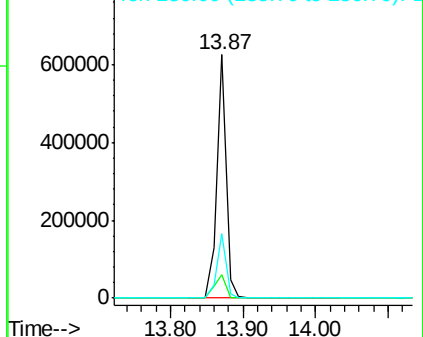


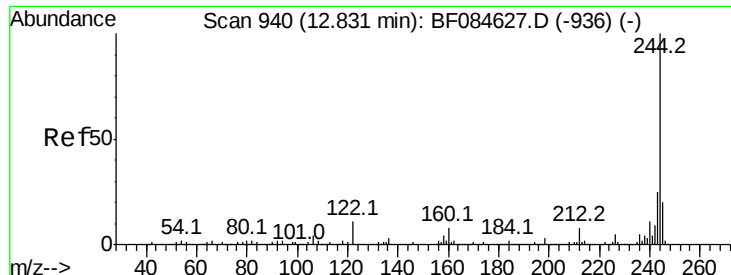
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084635.D
Acq: 29 Jan 2016 14:50

Tgt Ion:240 Resp: 562544
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.4 20.6 31.0



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: 63.93 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084635.D

Acq: 29 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

PB88072BL

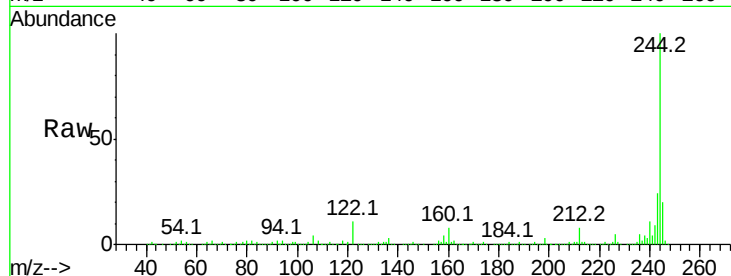
Tot Ion:244 Resp: 1592434

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

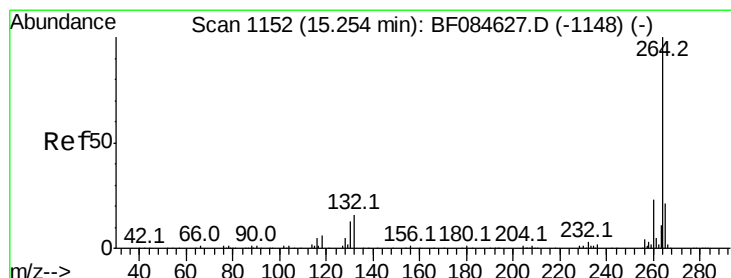
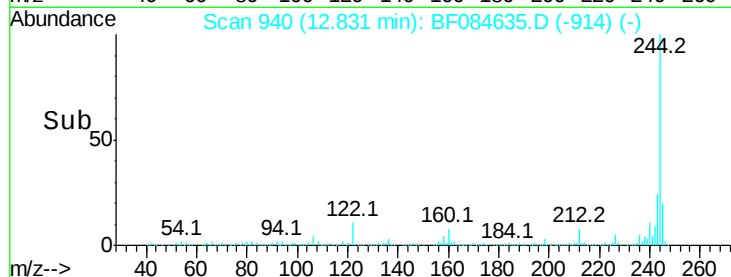
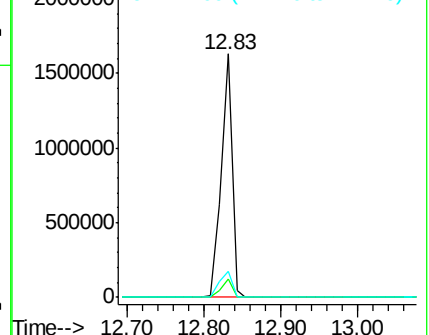
122 10.6 7.4 11.0



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084635.D

Acq: 29 Jan 2016 14:50

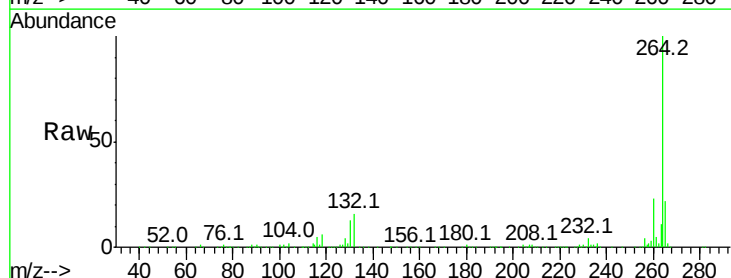
Tgt Ion:264 Resp: 454584

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.6 17.8 26.6



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

