

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085011.D
 Acq On : 11 Feb 2016 11:37
 Operator : SJ/IZ
 Sample : PB88297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BL

Quant Time: Feb 11 16:46:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	135188	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	579630	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	285966	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	518090	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	416424	20.00	ng	-0.02
86) Perylene-d12	15.11	264	286106	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1017295	117.21	ng	0.00
7) Phenol-d6	6.27	99	1473897	136.98	ng	-0.01
23) Nitrobenzene-d5	7.18	82	823949	80.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	335572	112.50	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1601739	100.44	ng	-0.01
78) Terphenyl-d14	12.72	244	1642950	89.40	ng	-0.01

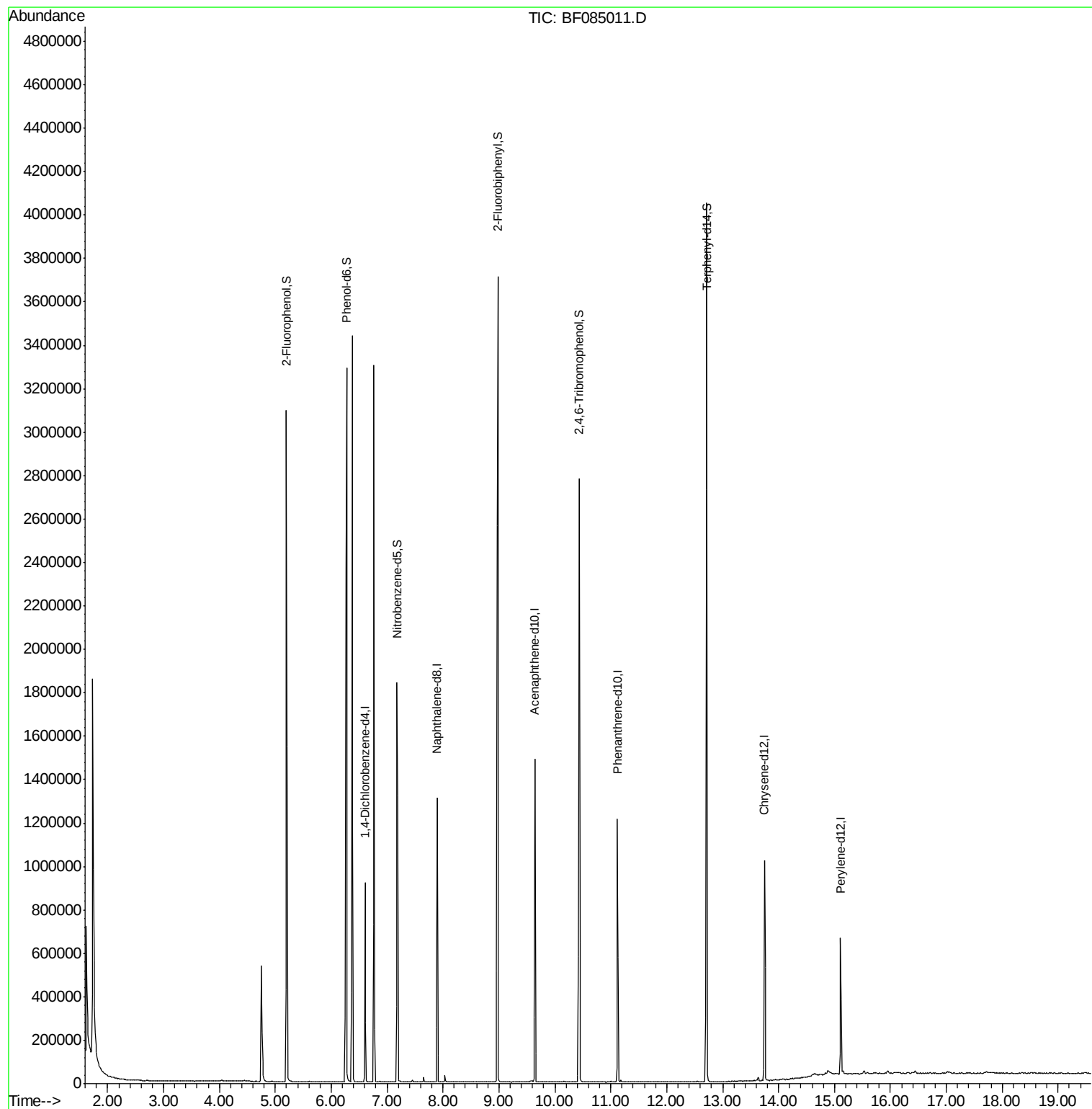
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085011.D

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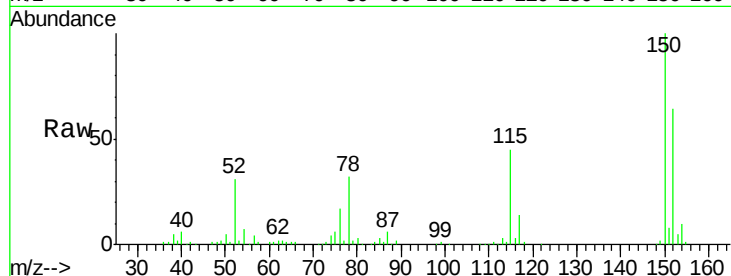
Tgt Ion:152 Resp: 135188

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

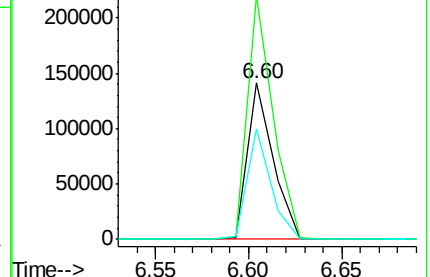
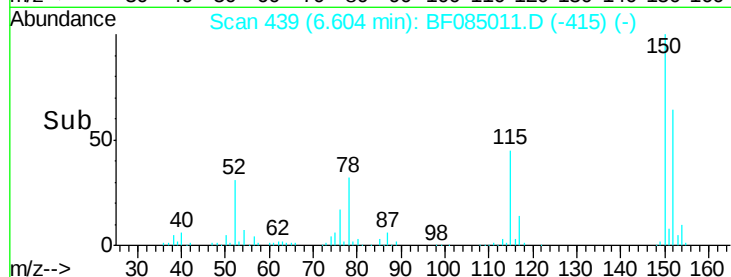
115 70.6 51.4 77.2



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



#5

2-Fluorophenol

Concen: 117.21 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085011.D

Acq: 11 Feb 2016 11:37

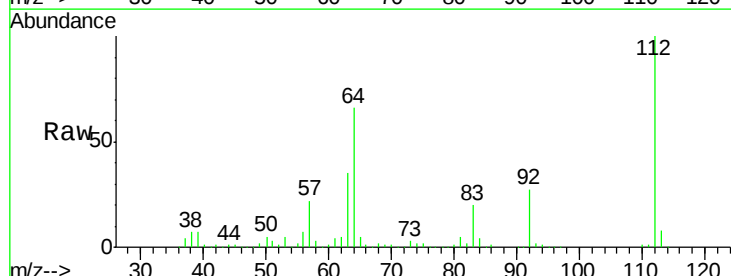
Tgt Ion:112 Resp: 1017295

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

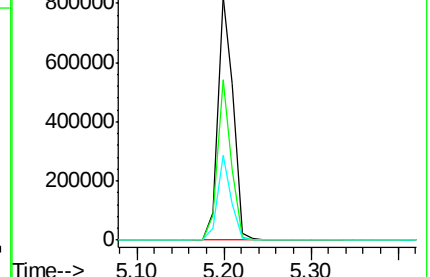
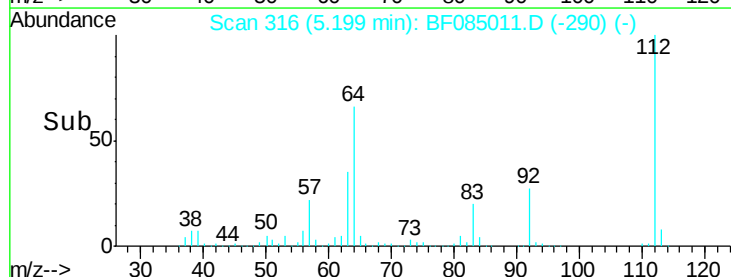
63 34.9 19.4 29.0#



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





#7

Phenol-d6

Concen: 136.98 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085011.D

Acq: 11 Feb 2016 11:37

Instrument :

BNA_F

ClientSampleId :

PB88297BL

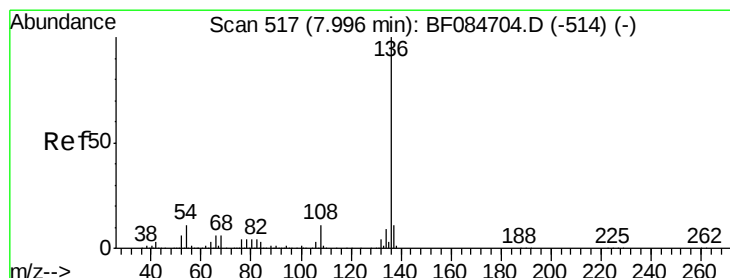
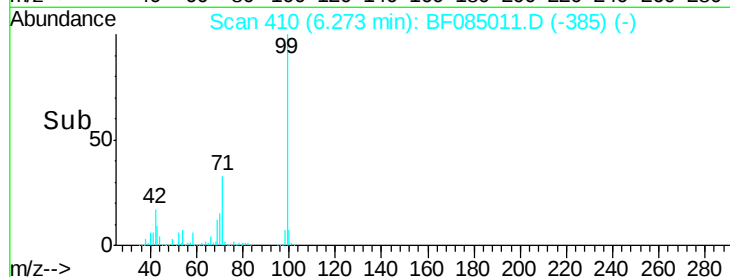
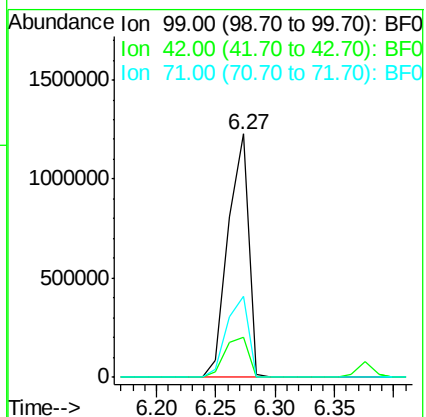
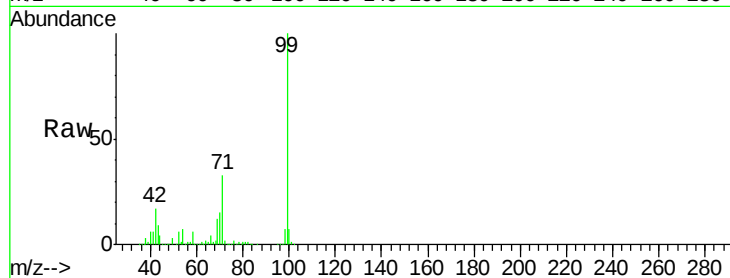
Tgt Ion: 99 Resp: 1473897

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

71 33.2 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085011.D

Acq: 11 Feb 2016 11:37

Tgt Ion: 136 Resp: 579630

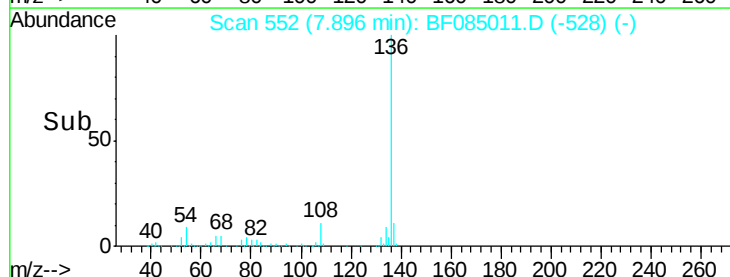
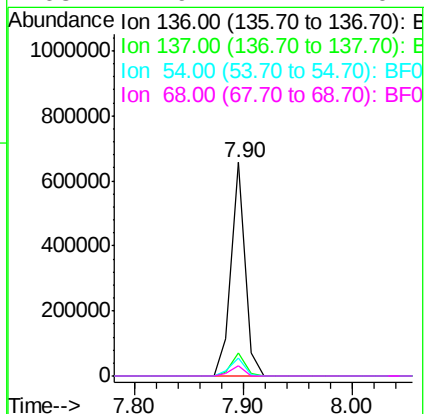
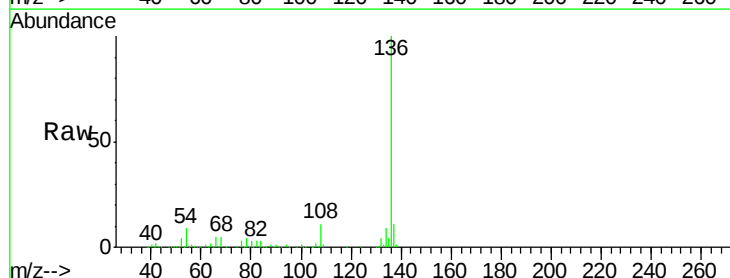
Ion Ratio Lower Upper

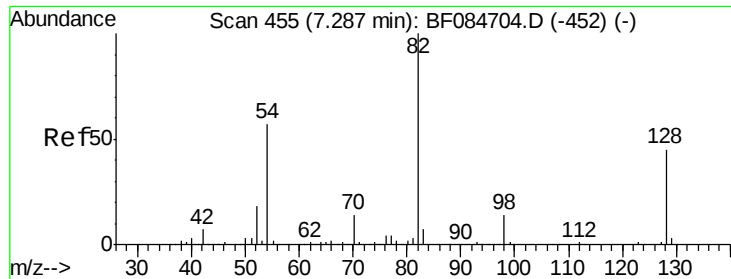
136 100

137 10.9 8.7 13.1

54 8.6 5.8 8.8

68 4.9 4.2 6.2

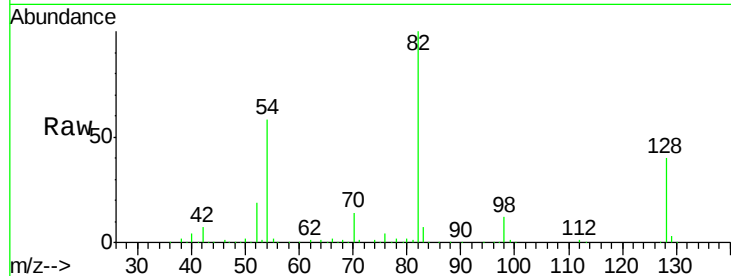




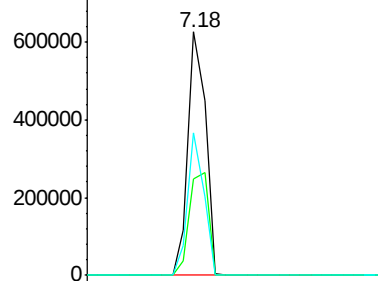
#23
 Nitrobenzene-d5
 Concen: 80.08 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085011.D
 Acq: 11 Feb 2016 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BL

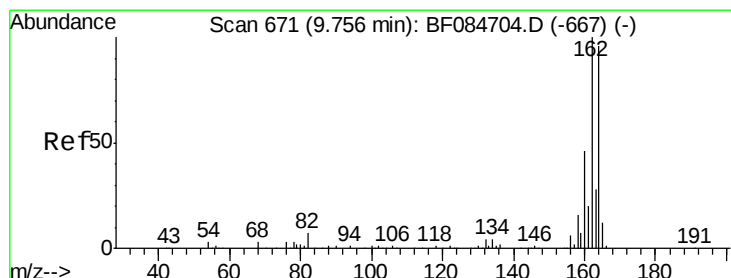
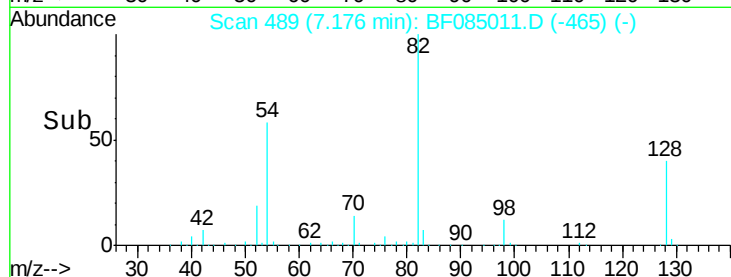
Tgt Ion: 82 Resp: 823949
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.6 51.8
 54 58.4 38.4 57.6#



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

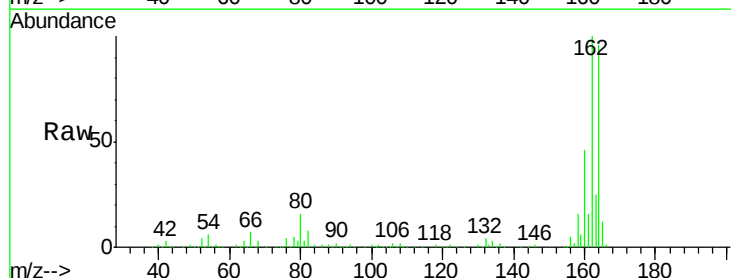


Time-->

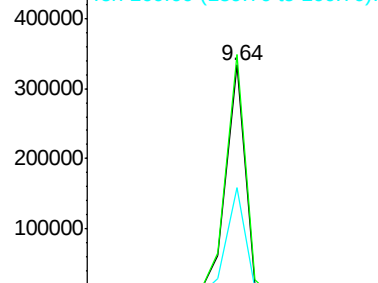


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085011.D
 Acq: 11 Feb 2016 11:37

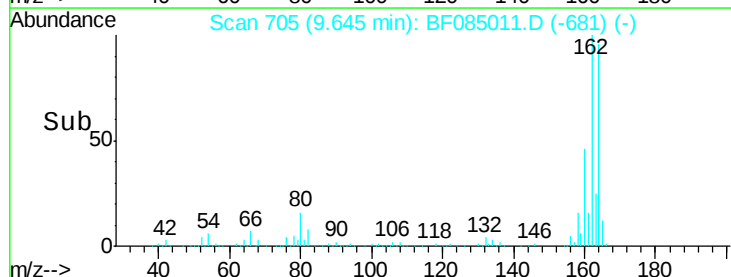
Tgt Ion: 164 Resp: 285966
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 47.6 37.5 56.3

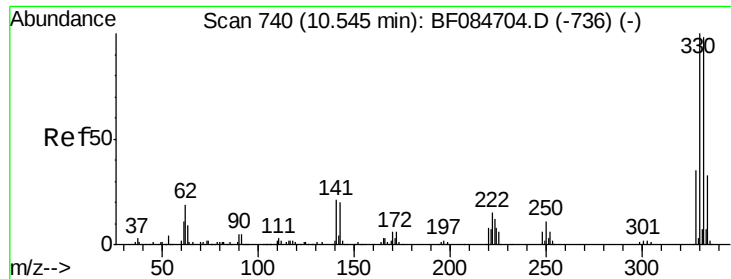


Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B



Time-->

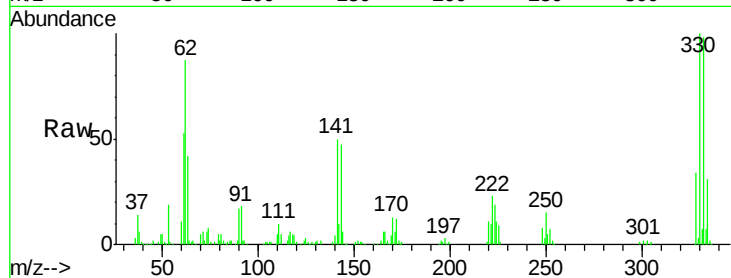




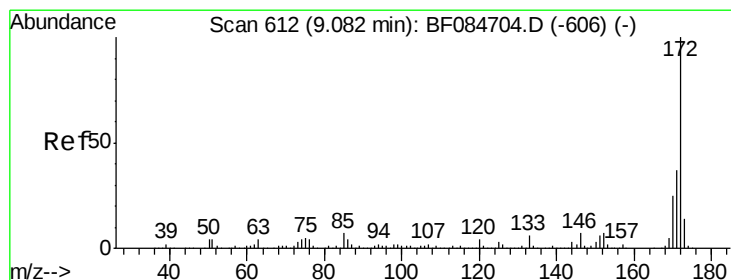
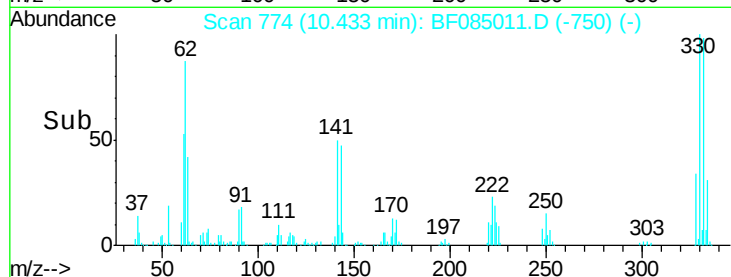
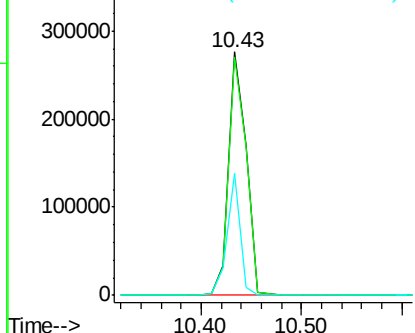
#41
 2,4,6-Tribromophenol
 Concen: 112.50 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085011.D
 Acq: 11 Feb 2016 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB88297BL

Tgt Ion:330 Resp: 335572
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 37.1 27.8 41.6

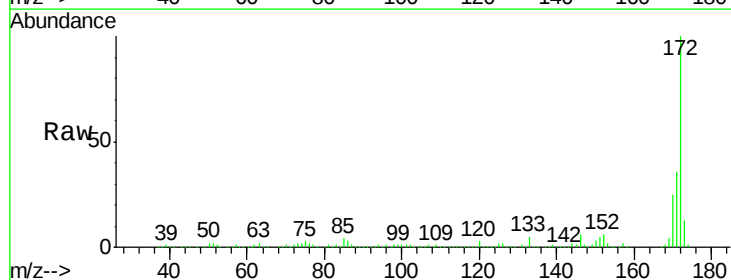


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

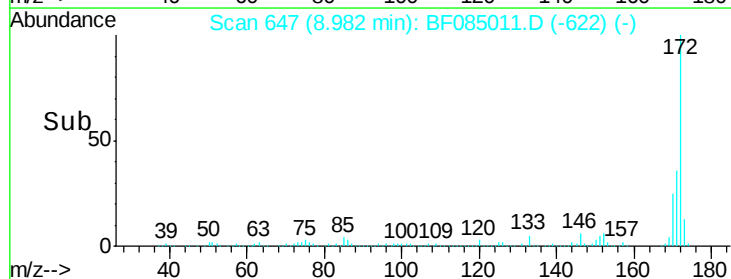
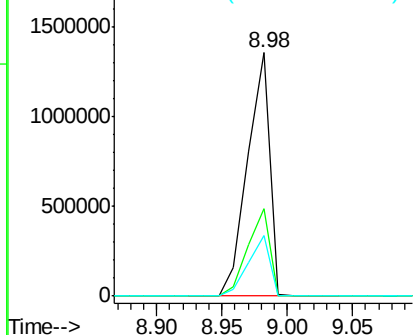


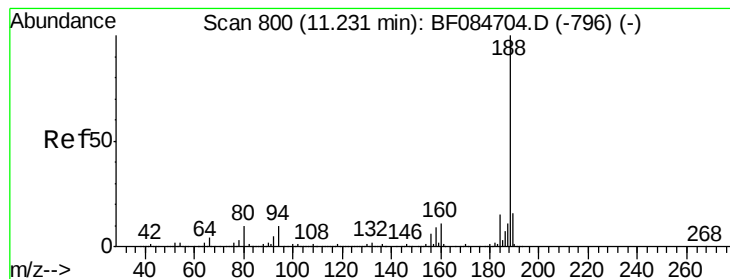
#44
 2-Fluorobiphenyl
 Concen: 100.44 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085011.D
 Acq: 11 Feb 2016 11:37

Tgt Ion:172 Resp: 1601739
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085011.D

Acq: 11 Feb 2016 11:37

Instrument :

BNA_F

ClientSampleId :

PB88297BL

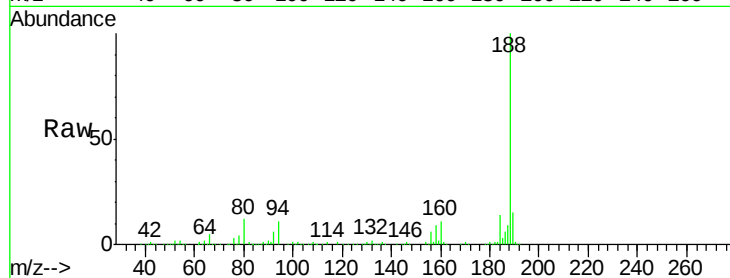
Tgt Ion:188 Resp: 518090

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

80 12.1 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

600000

500000

400000

300000

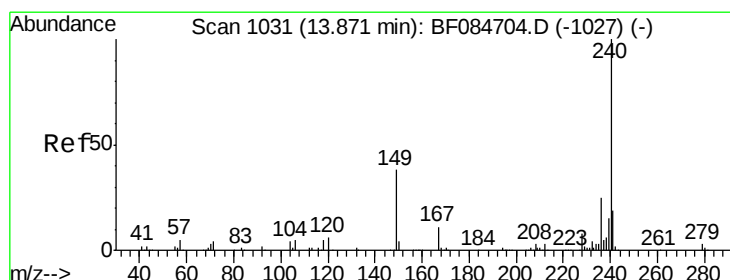
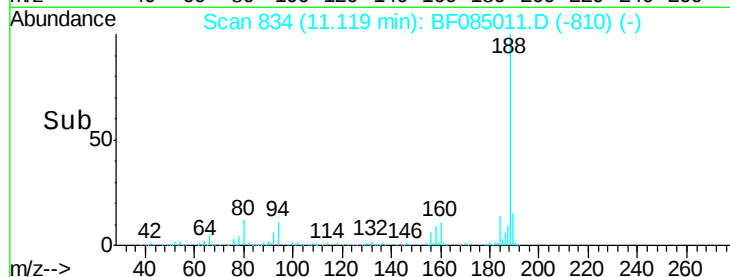
200000

100000

0

11.05 11.10 11.15

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085011.D

Acq: 11 Feb 2016 11:37

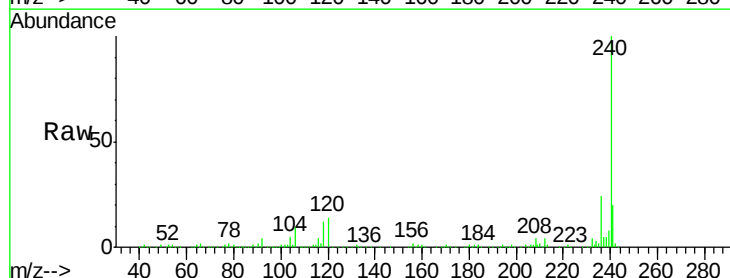
Tgt Ion:240 Resp: 416424

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

236 24.5 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

500000

400000

300000

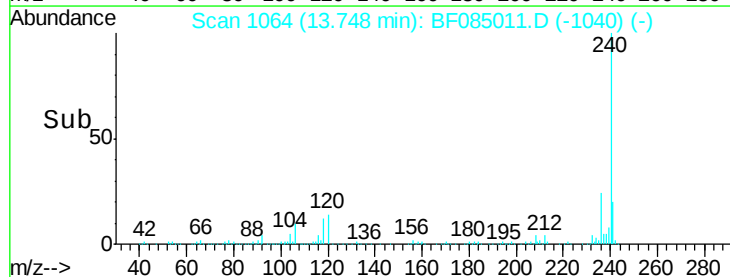
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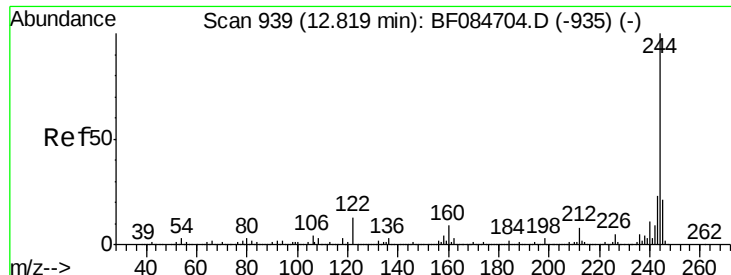
100000

0

13.70 13.80 13.90

Time-->





#78

Terphenyl-d14

Concen: 89.40 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085011.D

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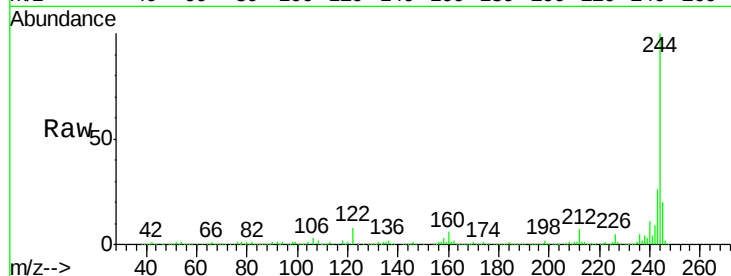
Tgt Ion:244 Resp: 1642950

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

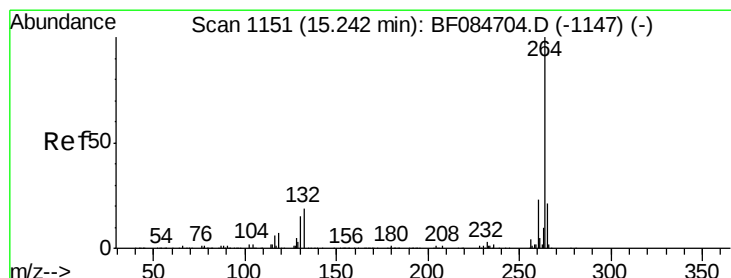
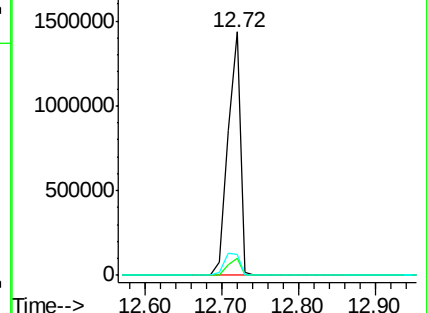
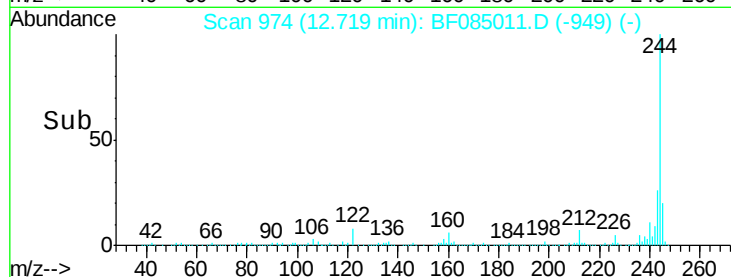
122 8.5 7.4 11.0



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: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085011.D

Acq: 11 Feb 2016 11:37

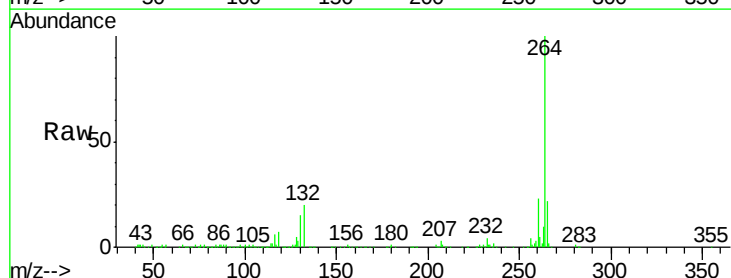
Tgt Ion:264 Resp: 286106

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.7 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

