

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084754.D
 Acq On : 2 Feb 2016 19:08
 Operator : SJ/IZ
 Sample : PB88135BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BL

Quant Time: Feb 03 02:35:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	169578	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	744190	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	340755	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	656143	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	598371	20.00	ng	-0.02
86) Perylene-d12	15.22	264	434336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1133001	104.07	ng	-0.01
7) Phenol-d6	6.35	99	1535695	113.78	ng	-0.02
23) Nitrobenzene-d5	7.26	82	860576	65.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	357891	100.69	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1636557	78.97	ng	-0.02
78) Terphenyl-d14	12.81	244	1807549	68.45	ng	-0.02

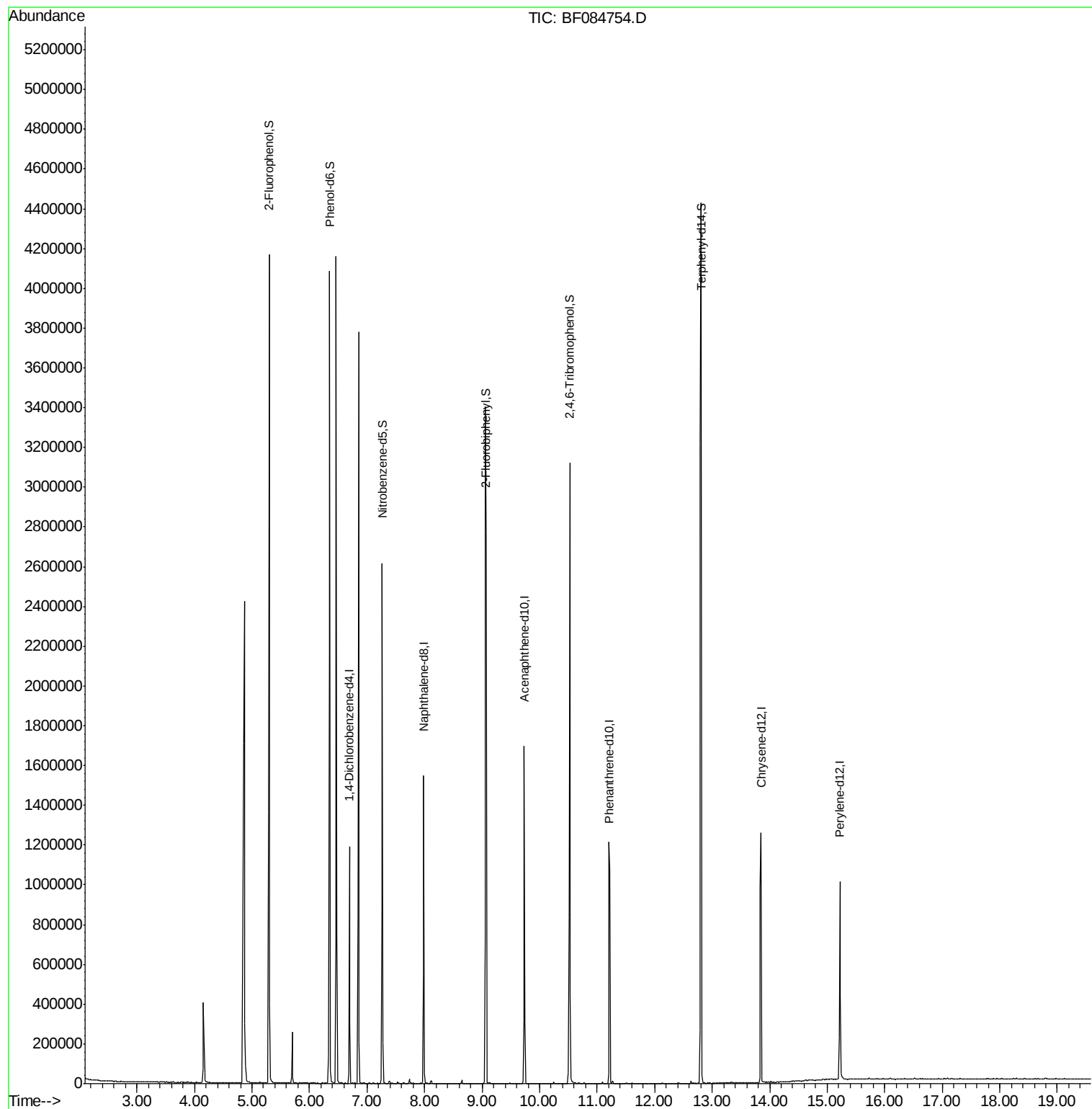
Target Compounds Qvalue

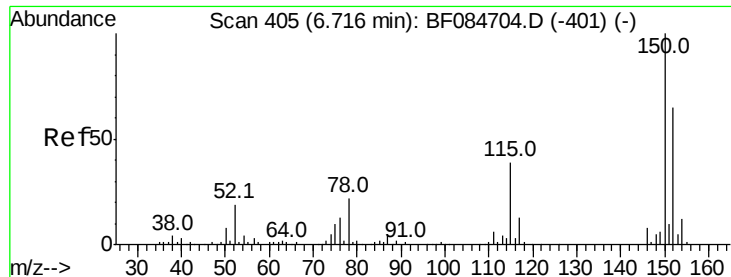
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

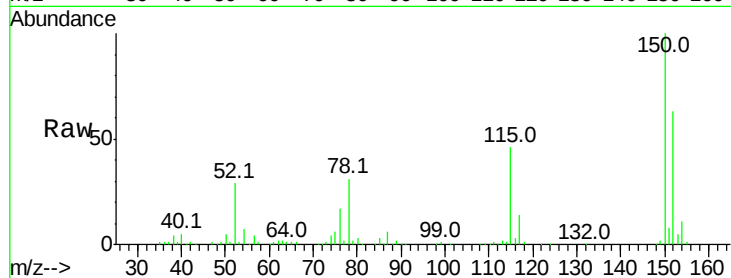
Tot Ion:152 Resp: 169578

Ion Ratio Lower Upper

152 100

150 159.4 123.0 184.4

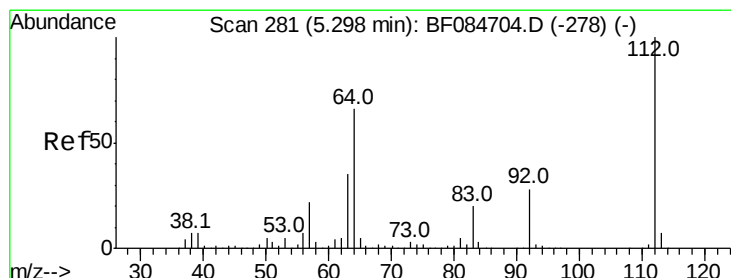
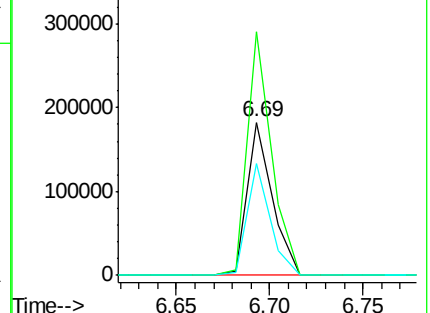
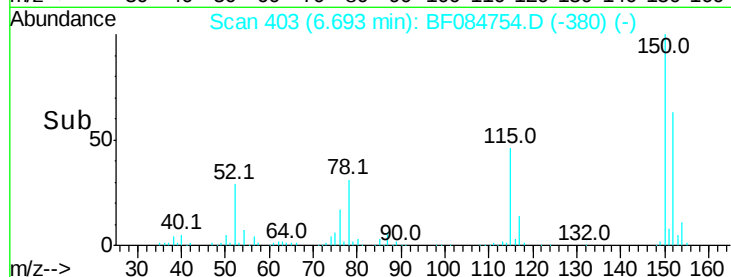
115 73.2 51.4 77.2



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: 104.07 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

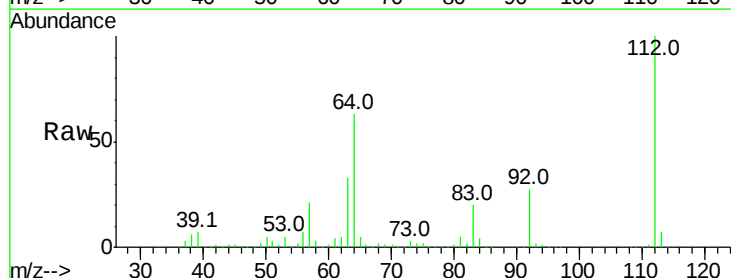
Tgt Ion:112 Resp: 1133001

Ion Ratio Lower Upper

112 100

64 63.4 36.6 55.0#

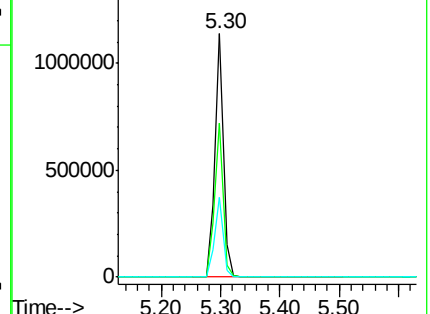
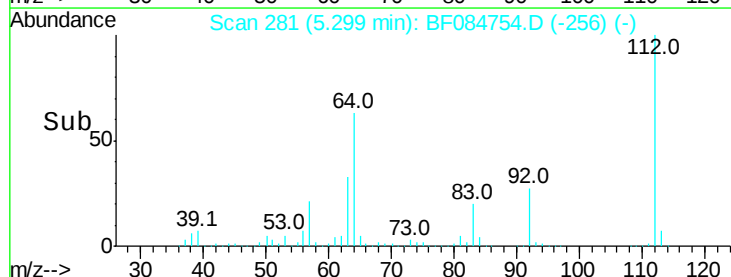
63 33.0 19.4 29.0#

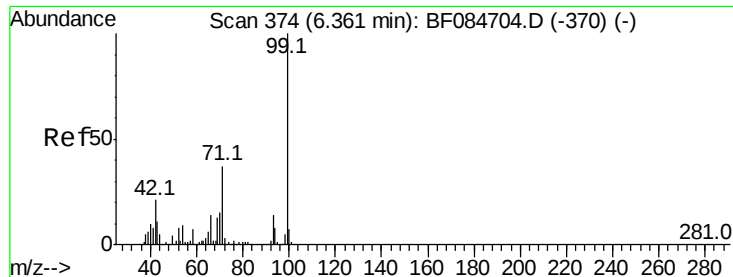


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.78 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

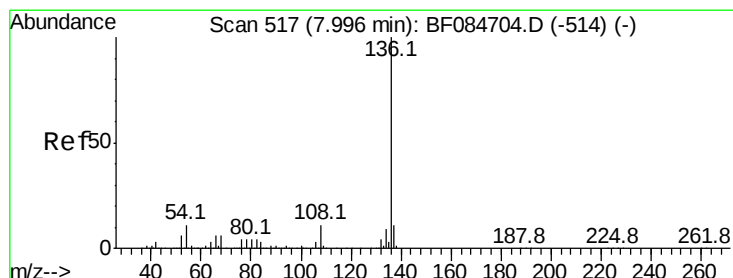
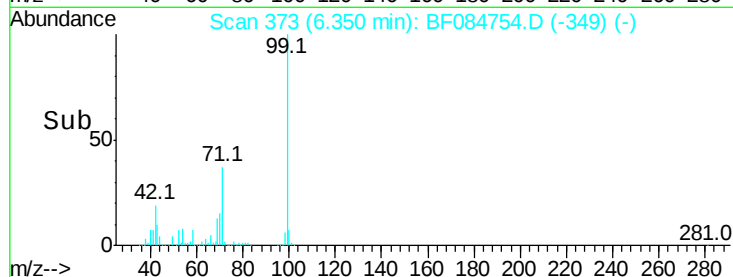
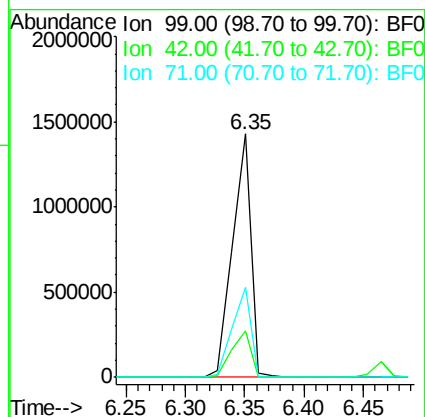
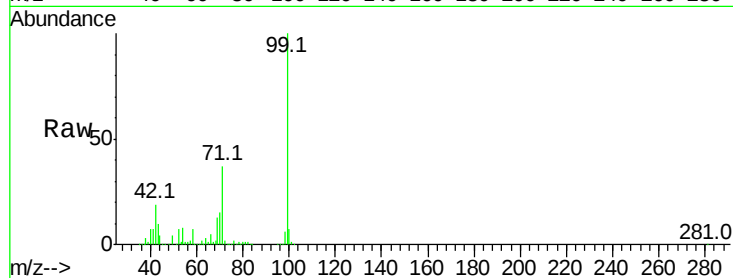
Tot Ion: 99 Resp: 1535695

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

71 37.0 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Tgt Ion: 136 Resp: 744190

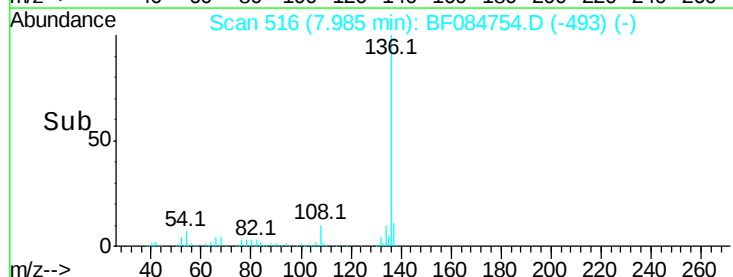
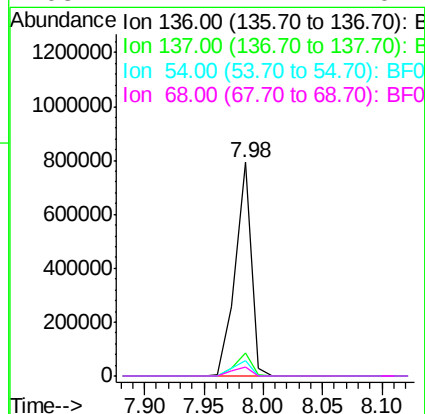
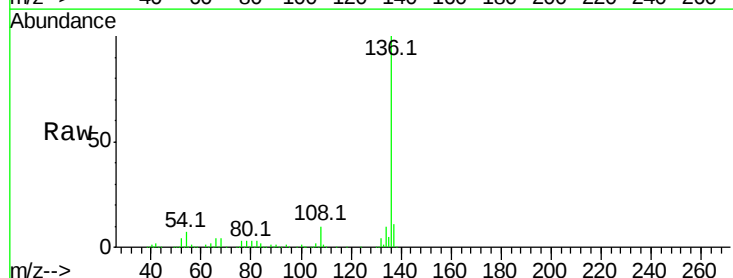
Ion Ratio Lower Upper

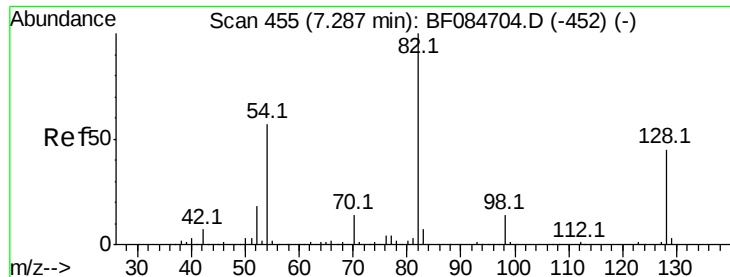
136 100

137 11.0 8.7 13.1

54 7.3 5.8 8.8

68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 65.14 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

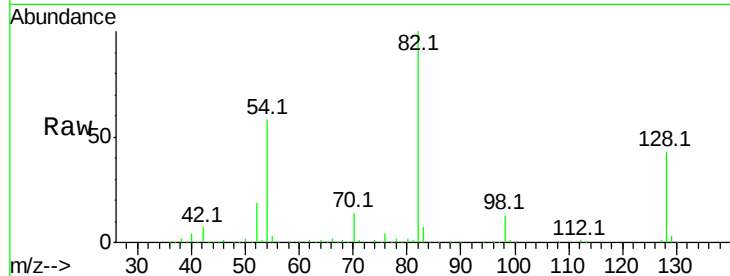
Tot Ion: 82 Resp: 860576

Ion Ratio Lower Upper

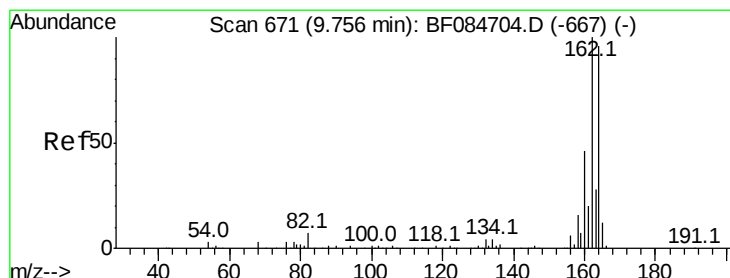
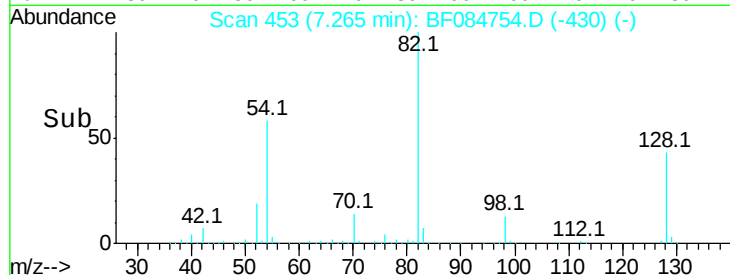
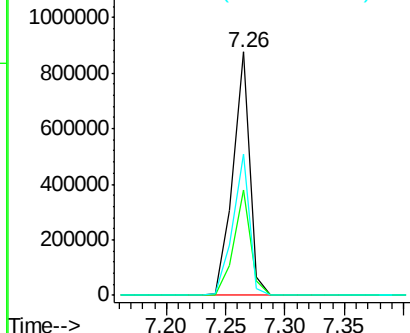
82 100

128 43.1 34.6 51.8

54 57.8 38.4 57.6#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

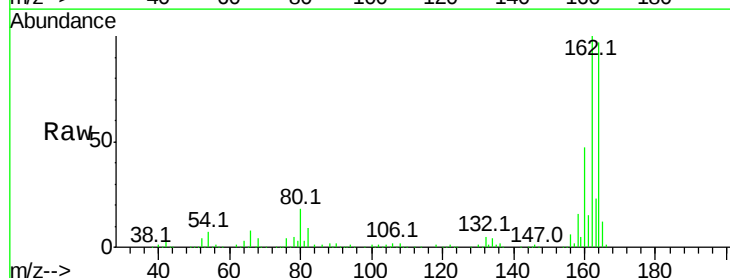
Tgt Ion:164 Resp: 340755

Ion Ratio Lower Upper

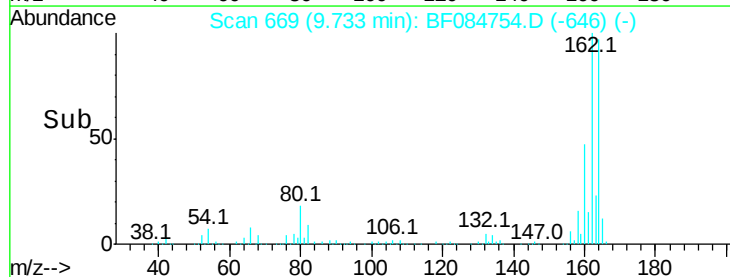
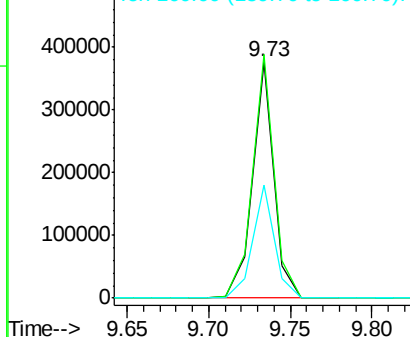
164 100

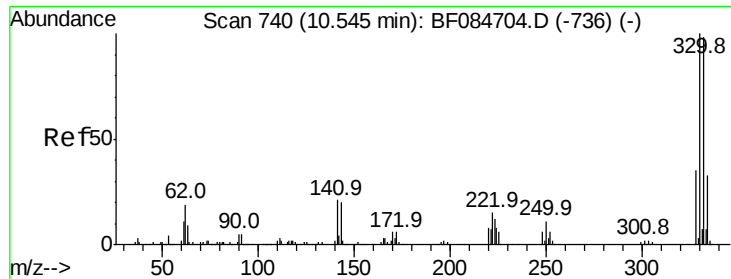
162 103.2 85.1 127.7

160 48.1 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

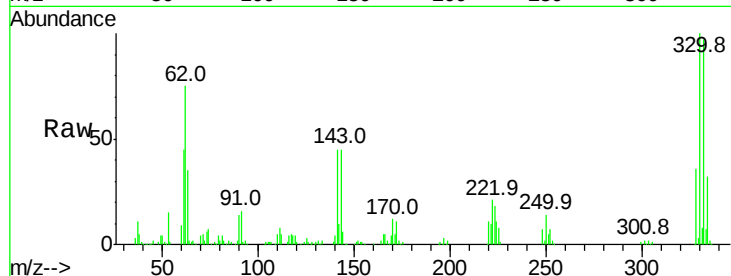




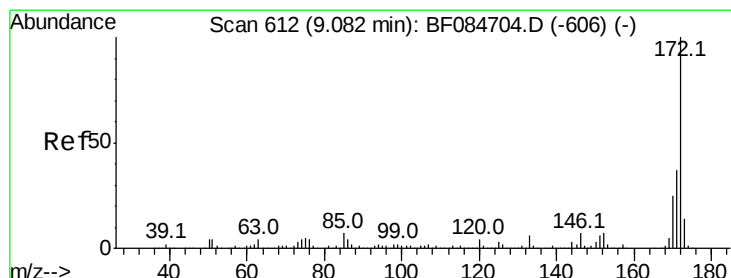
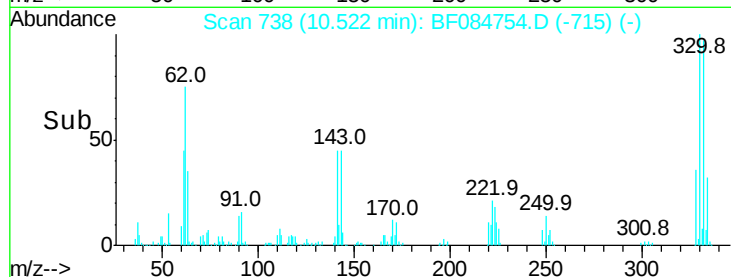
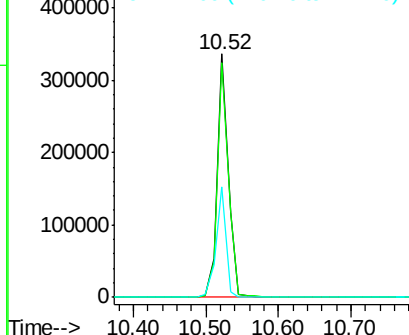
#41
 2,4,6-Tribromophenol
 Concen: 100.69 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084754.D
 Acq: 2 Feb 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BL

Tot Ion:330 Resp: 357891
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 40.5 27.8 41.6

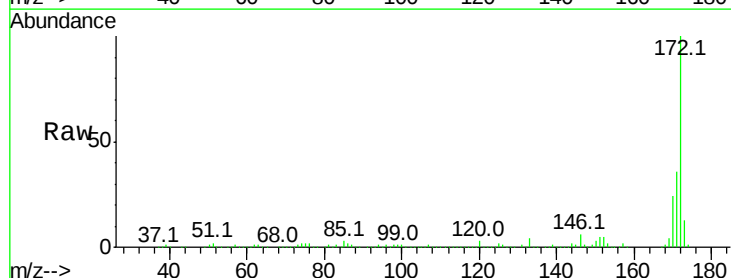


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

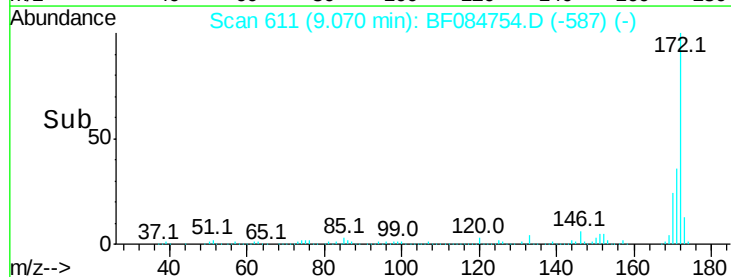
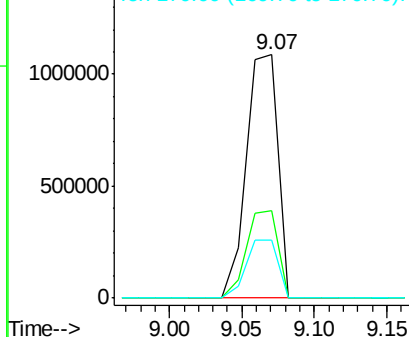


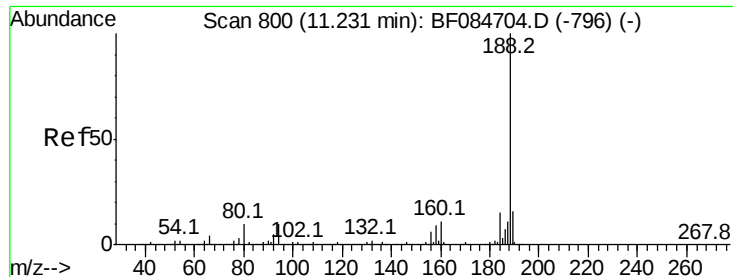
#44
 2-Fluorobiphenyl
 Concen: 78.97 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084754.D
 Acq: 2 Feb 2016 19:08

Tgt Ion:172 Resp: 1636557
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.9 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

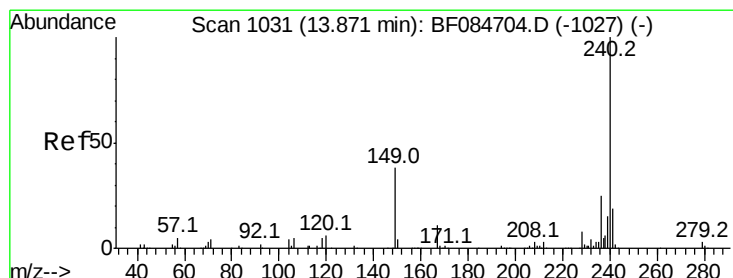
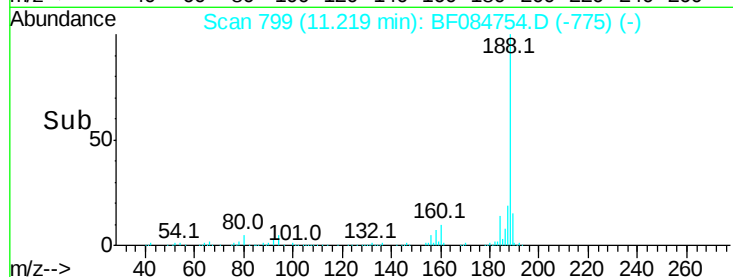
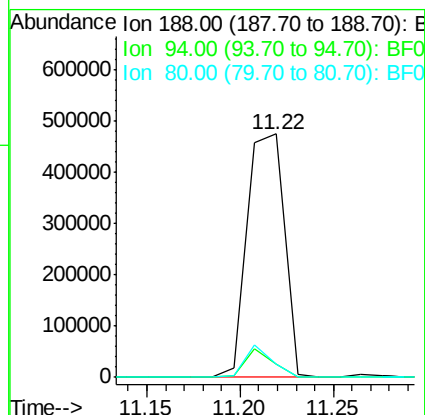
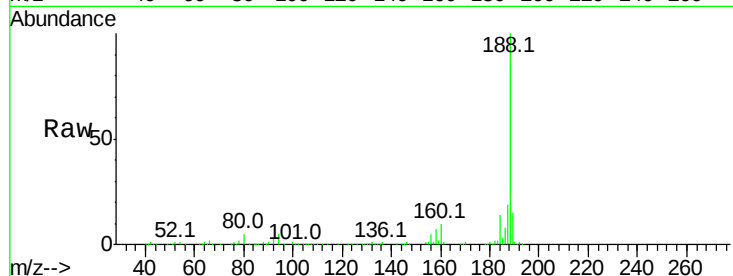




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084754.D
Acq: 2 Feb 2016 19:08

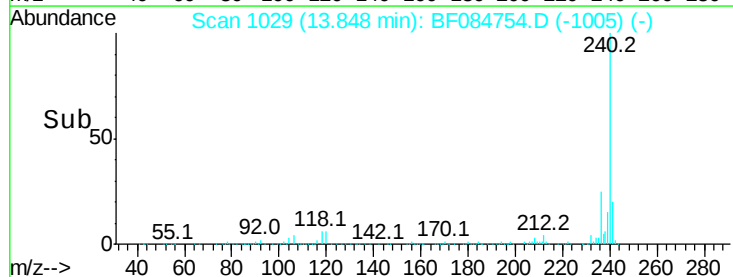
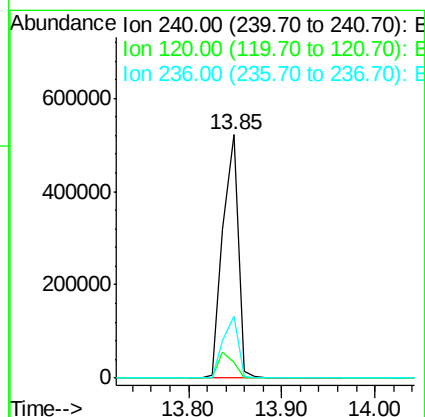
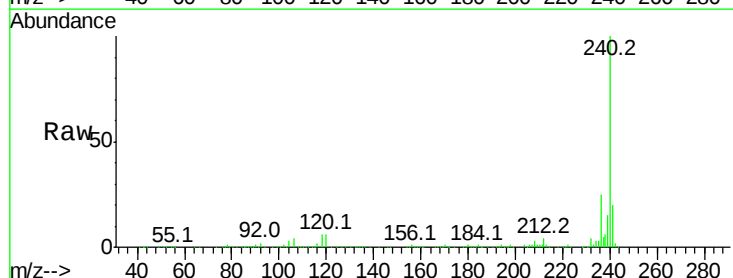
Instrument :
BNA_F
ClientSampleId :
PB88135BL

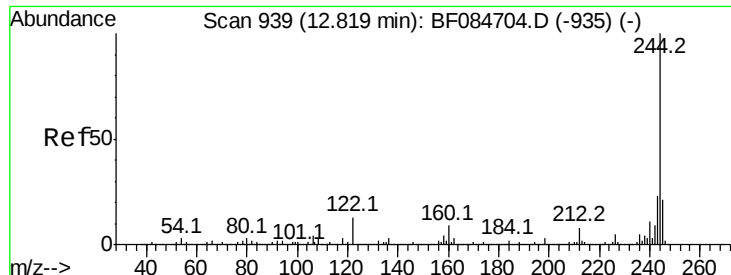
Tot Ion:188 Resp: 656143
Ion Ratio Lower Upper
188 100
94 5.3 9.0 13.4#
80 5.2 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF084754.D
Acq: 2 Feb 2016 19:08

Tgt Ion:240 Resp: 598371
Ion Ratio Lower Upper
240 100
120 6.4 9.5 14.3#
236 25.2 20.6 31.0





#78

Terphenyl-d14

Concen: 68.45 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

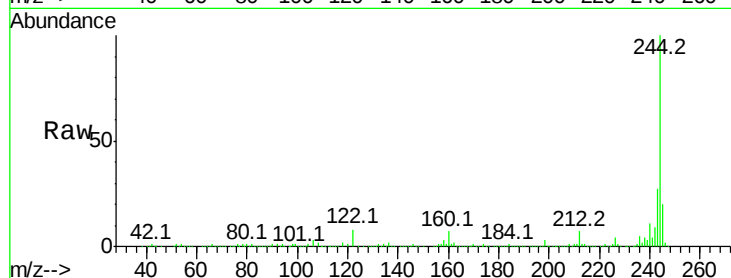
Tot Ion:244 Resp: 1807549

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

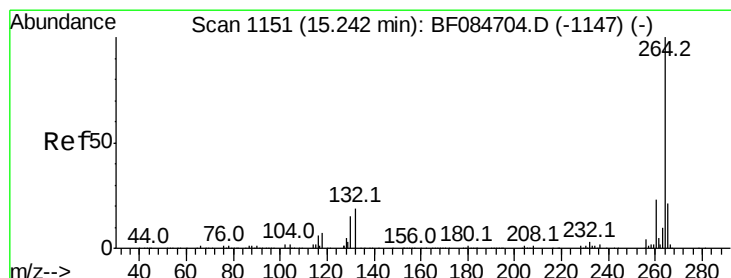
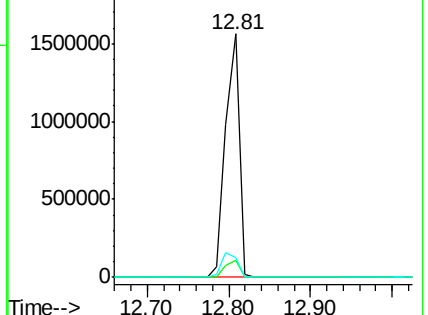
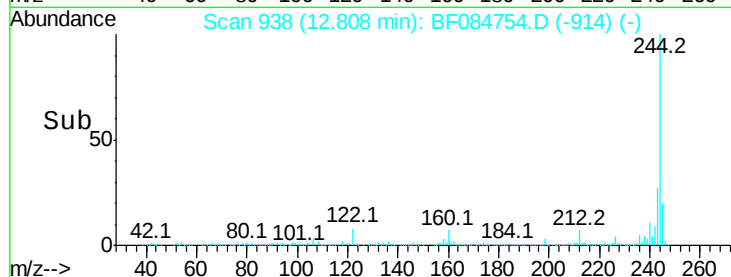
122 8.1 7.4 11.0



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

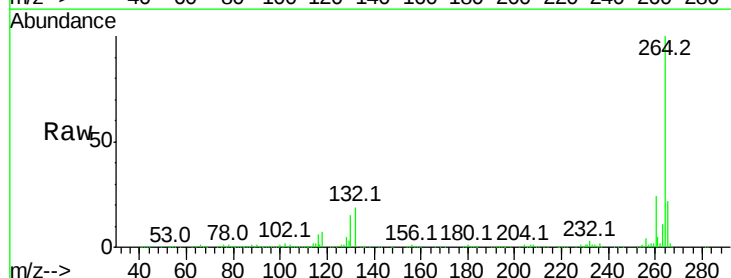
Tgt Ion:264 Resp: 434336

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.3 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

