

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085113.D
 Acq On : 2 Mar 2016 12:19
 Operator : SJ/IZ
 Sample : PB88622BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88622BL

Quant Time: Mar 03 02:59:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	169282	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	711795	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	314179	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	639154	20.00	ng	0.00
75) Chrysene-d12	14.15	240	550971	20.00	ng	0.00
86) Perylene-d12	15.63	264	391292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1340516	128.56	ng	0.01
7) Phenol-d6	6.61	99	1641296	120.07	ng	0.00
23) Nitrobenzene-d5	7.54	82	980645	73.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	393359	124.59	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1797981	84.28	ng	0.00
78) Terphenyl-d14	13.10	244	1899609	80.88	ng	0.00

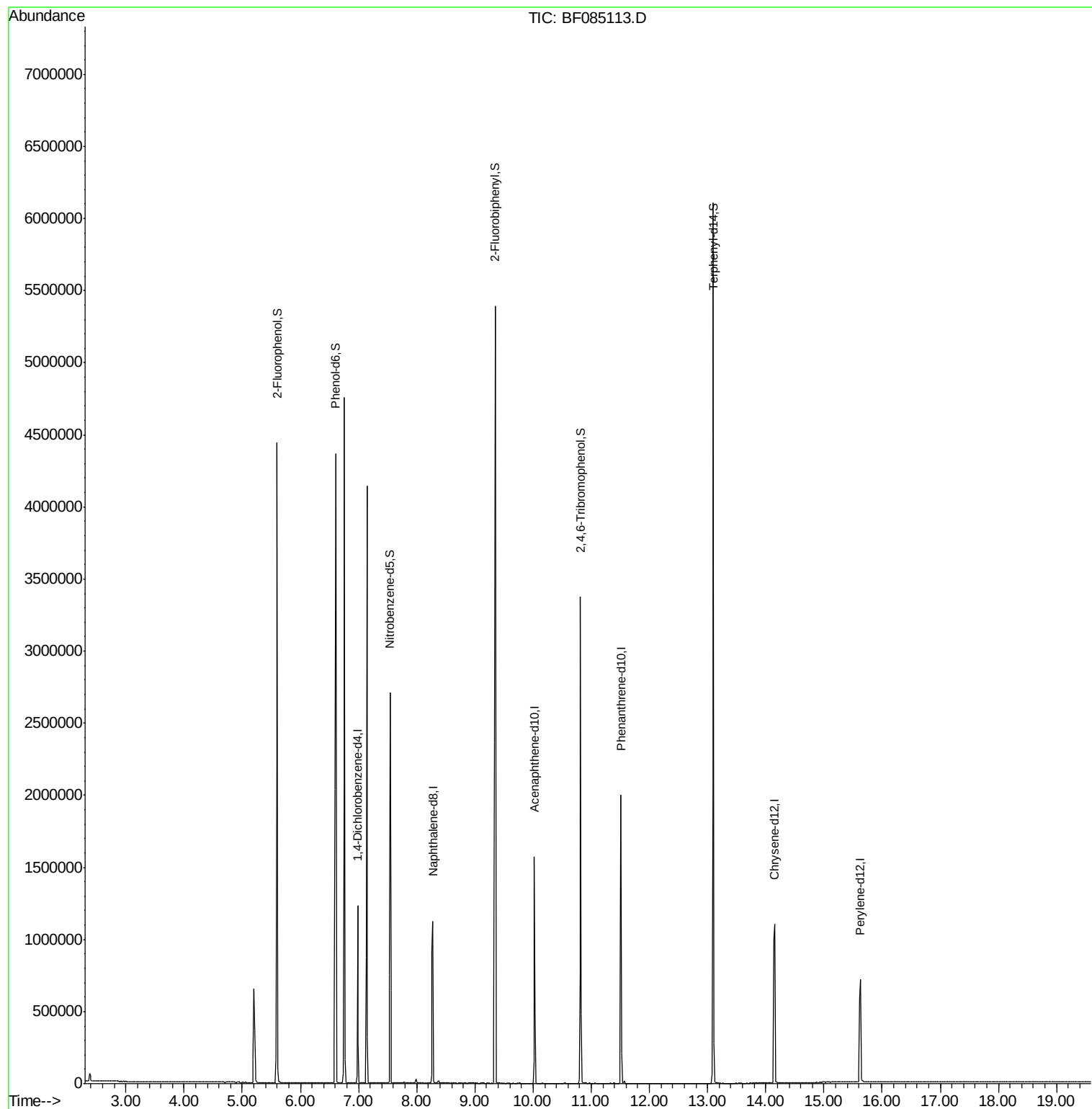
Target Compounds	Qvalue
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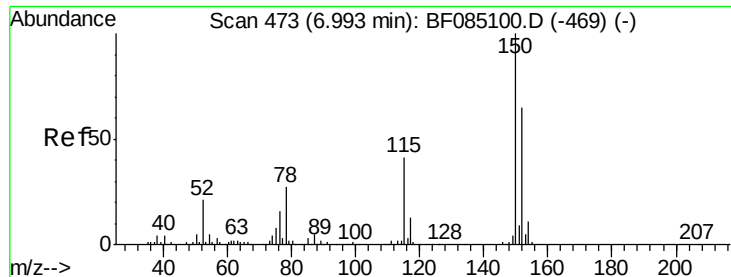
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

PB88622BL

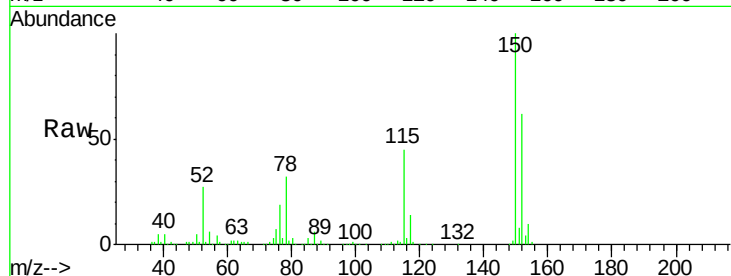
Tgt Ion:152 Resp: 169282

Ion Ratio Lower Upper

152 100

150 160.3 123.4 185.0

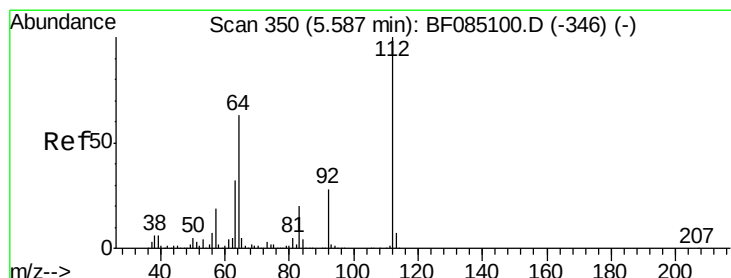
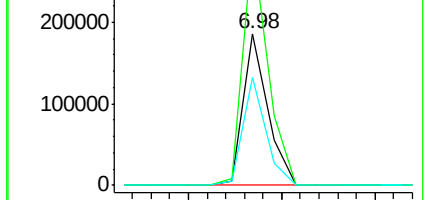
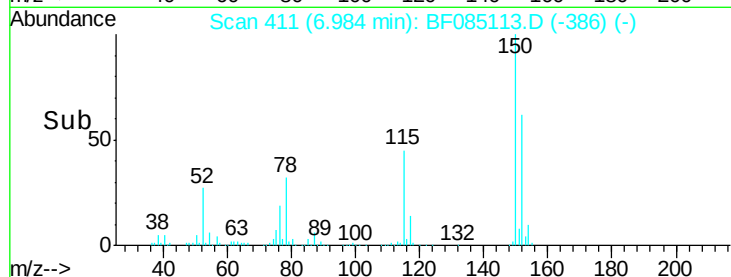
115 71.4 50.0 75.0



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: 128.56 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

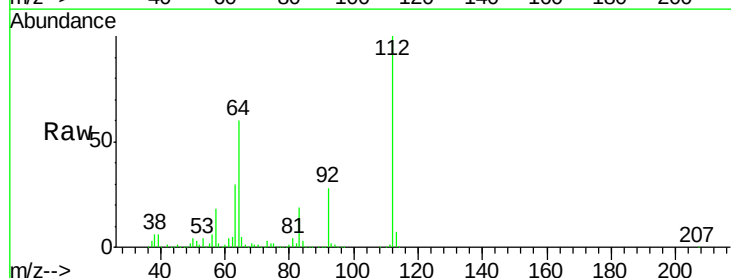
Tgt Ion:112 Resp: 1340516

Ion Ratio Lower Upper

112 100

64 59.7 50.6 76.0

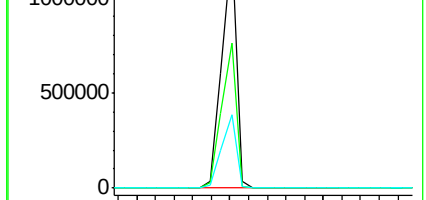
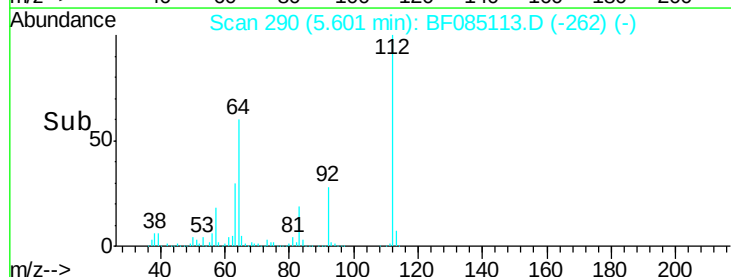
63 30.2 25.5 38.3

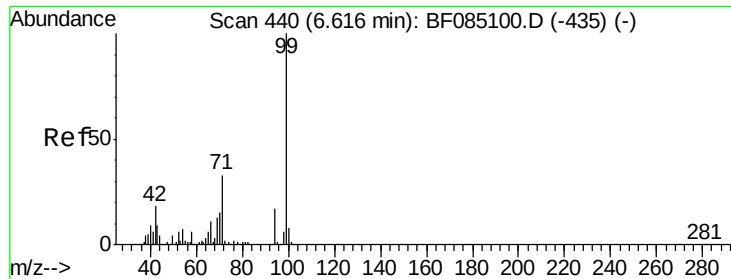


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.07 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

PB88622BL

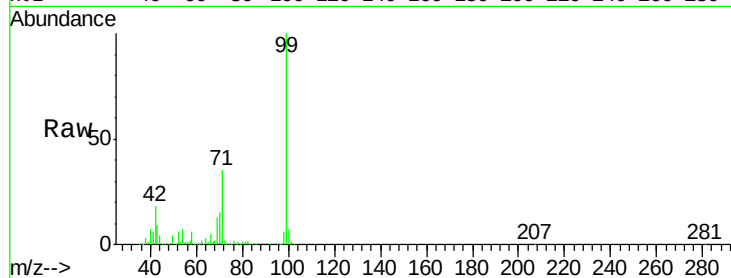
Tgt Ion: 99 Resp: 1641296

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

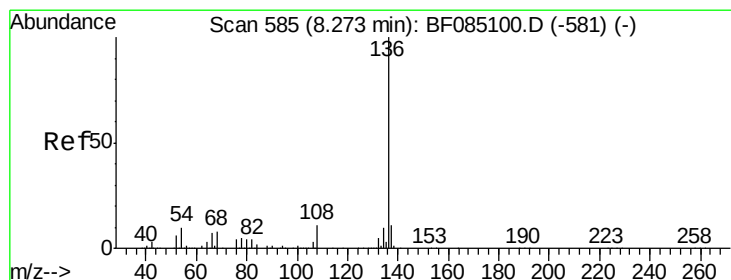
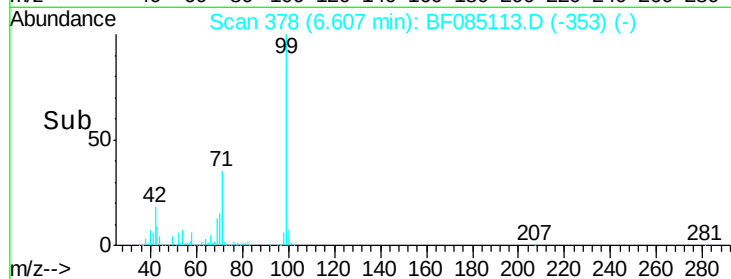
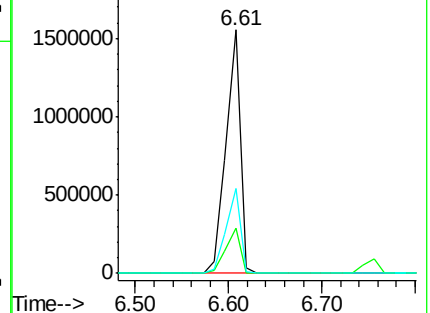
71 34.9 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Tgt Ion: 136 Resp: 711795

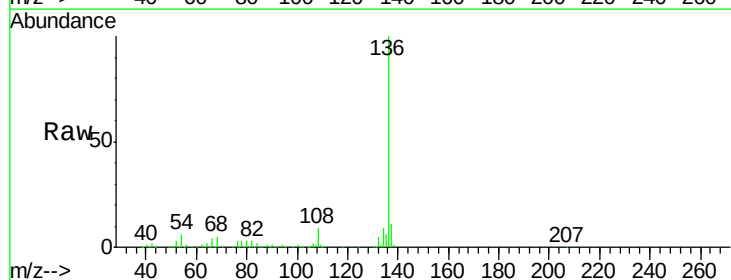
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.8 8.5 12.7#

68 4.7 6.4 9.6#

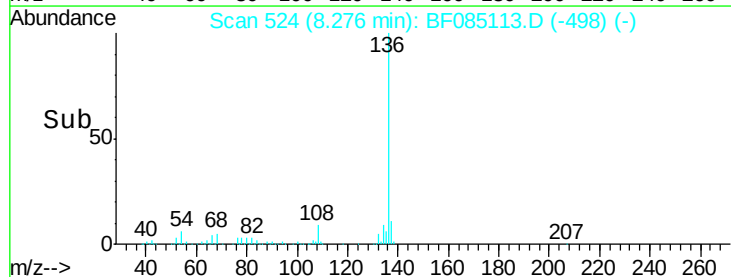
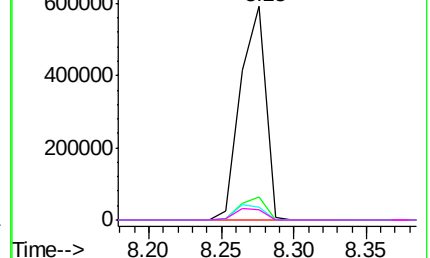


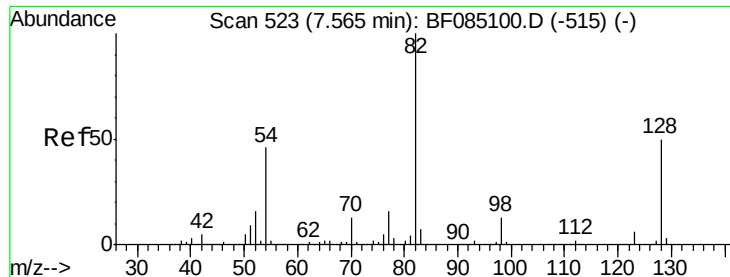
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 73.30 ng

RT: 7.54 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

PB88622BL

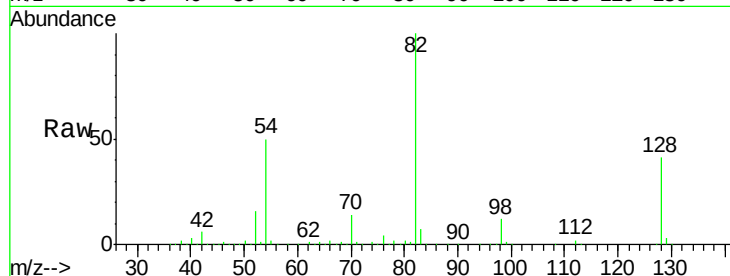
Tgt Ion: 82 Resp: 980645

Ion Ratio Lower Upper

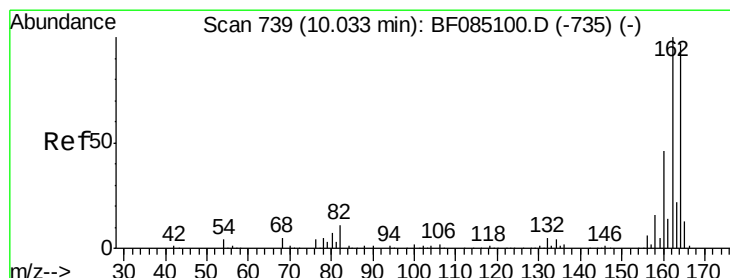
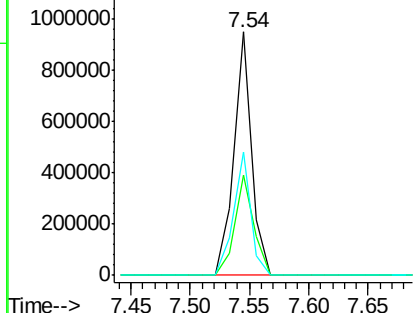
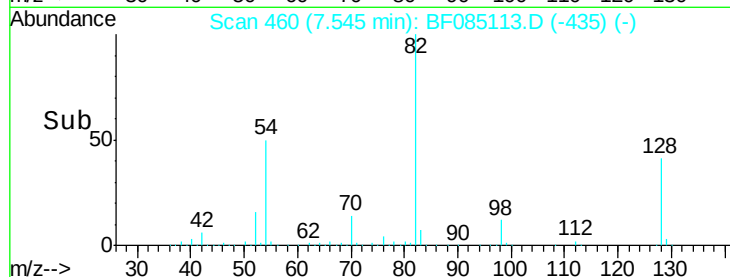
82 100

128 41.4 39.8 59.6

54 50.4 36.6 54.8



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: 10.02 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

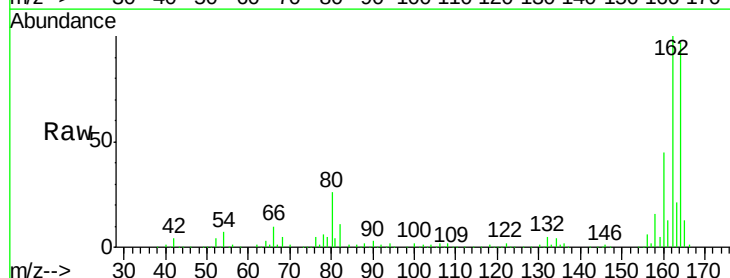
Tgt Ion: 164 Resp: 314179

Ion Ratio Lower Upper

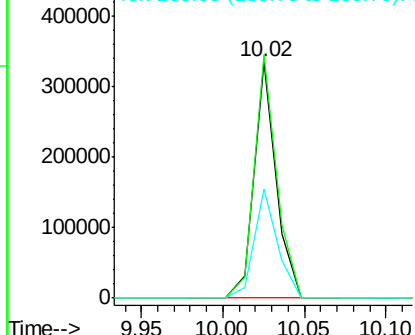
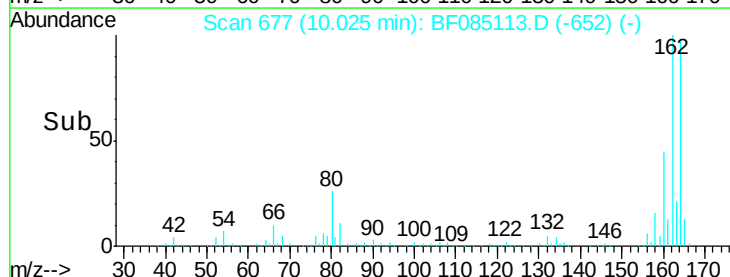
164 100

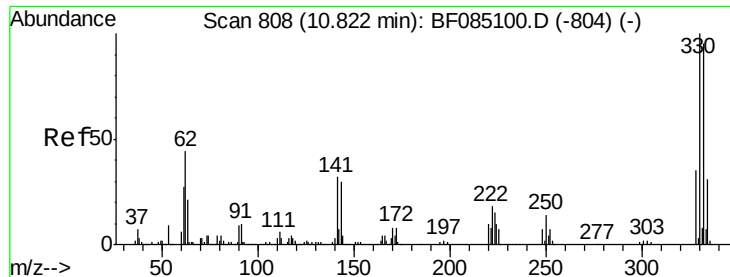
162 103.1 82.6 123.8

160 46.4 38.2 57.2



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

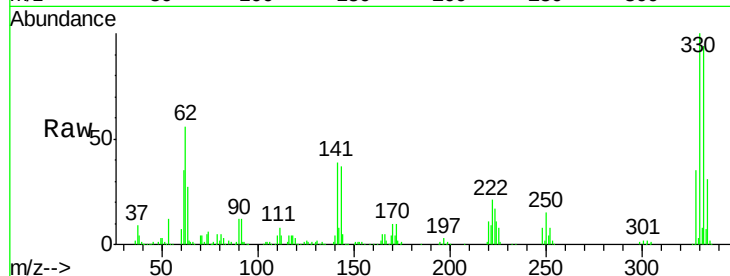




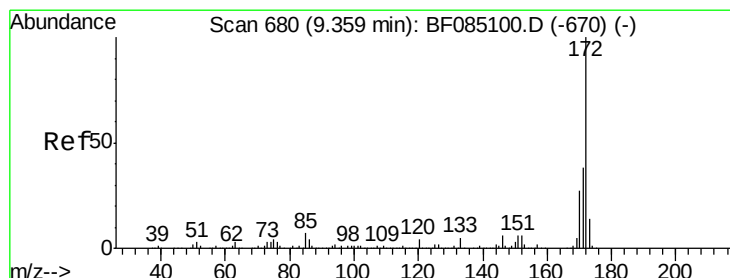
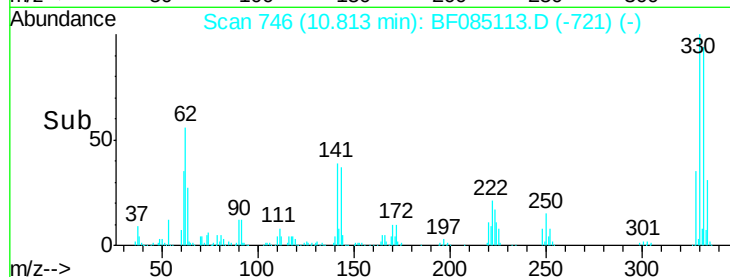
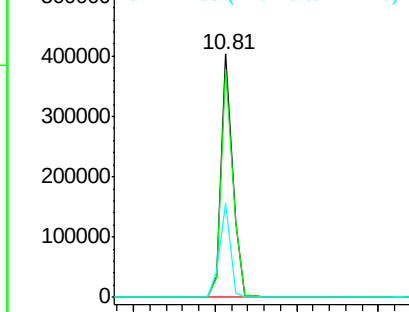
#41
 2,4,6-Tribromophenol
 Concen: 124.59 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF085113.D
 Acq: 2 Mar 2016 12:19

Instrument :
 BNA_F
 ClientSampled :
 PB88622BL

Tgt Ion:330 Resp: 393359
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.9 113.9
 141 36.6 28.9 43.3

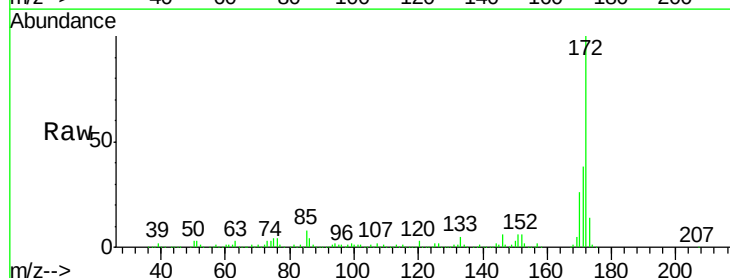


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

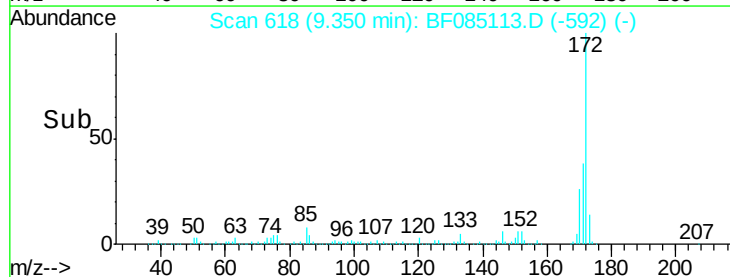
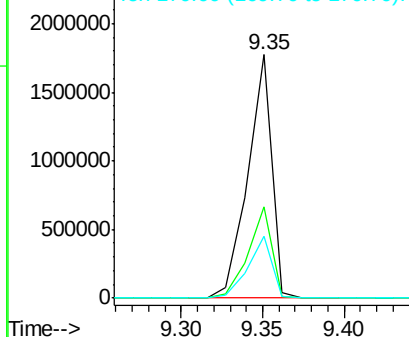


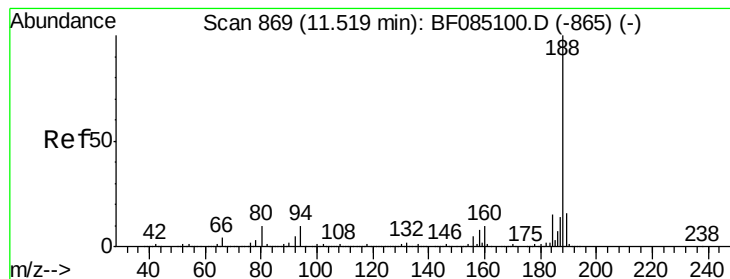
#44
 2-Fluorobiphenyl
 Concen: 84.28 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085113.D
 Acq: 2 Mar 2016 12:19

Tgt Ion:172 Resp: 1797981
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 25.5 21.2 31.8



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: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

PB88622BL

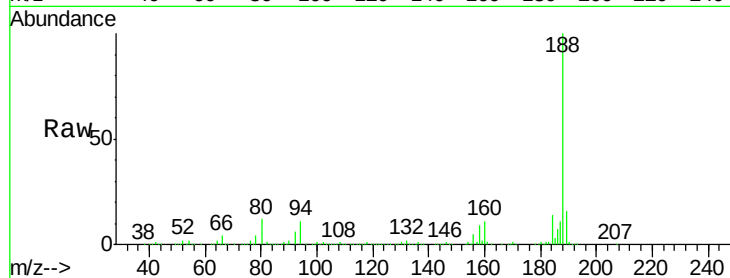
Tgt Ion:188 Resp: 639154

Ion Ratio Lower Upper

188 100

94 11.2 7.8 11.6

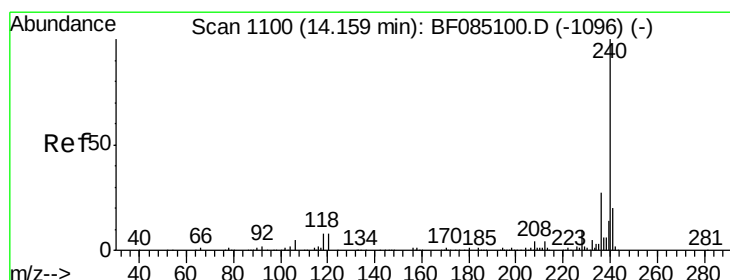
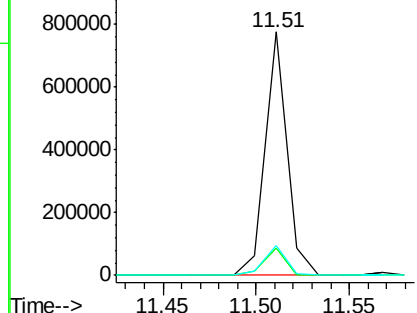
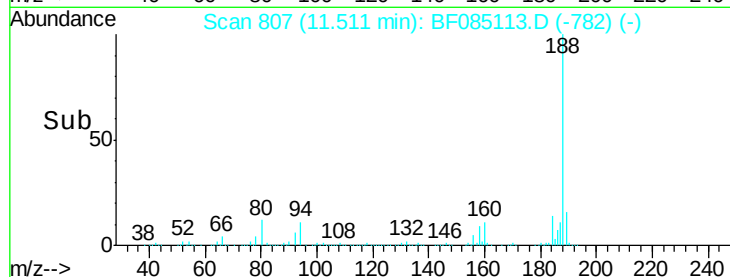
80 12.0 8.2 12.4



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: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

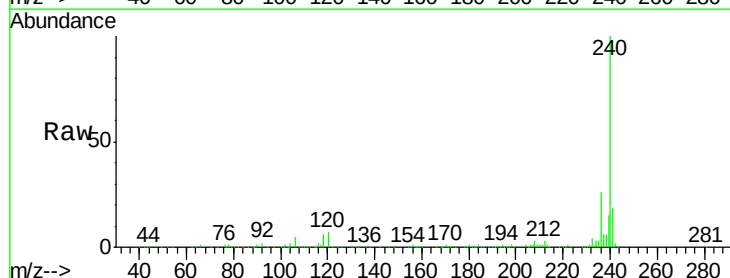
Tgt Ion:240 Resp: 550971

Ion Ratio Lower Upper

240 100

120 6.9 6.7 10.1

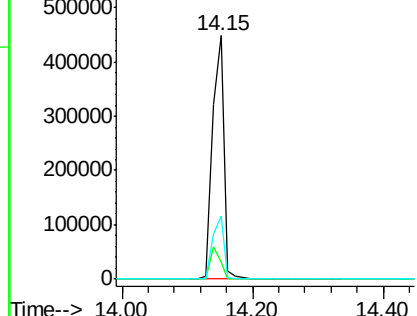
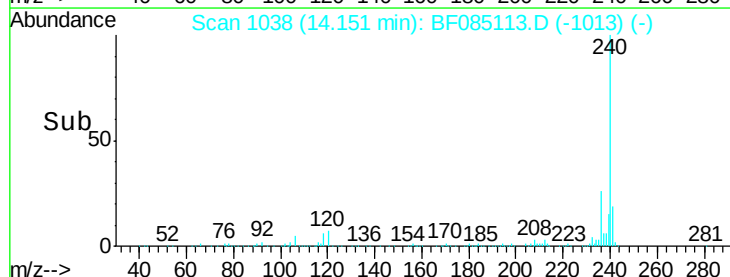
236 26.1 21.6 32.4

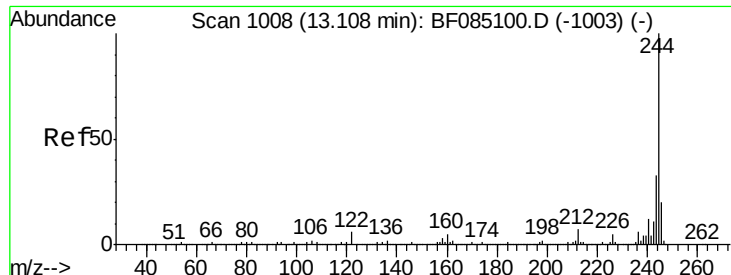


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.88 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

PB88622BL

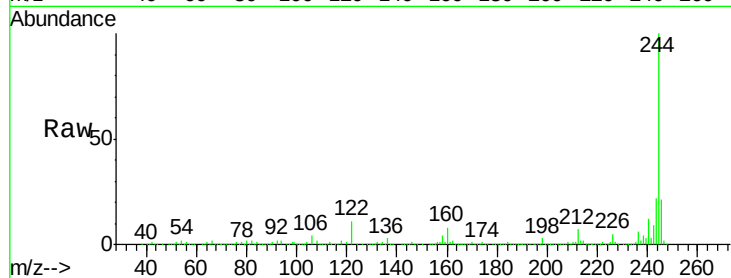
Tgt Ion:244 Resp: 1899609

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

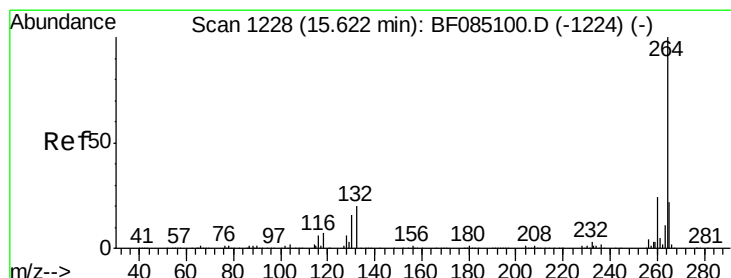
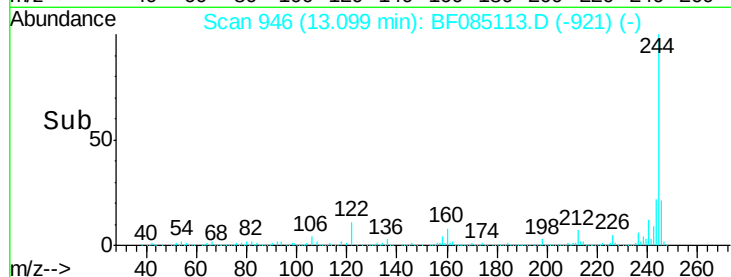
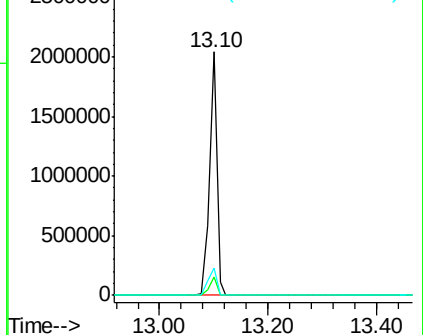
122 11.4 5.1 7.7#



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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

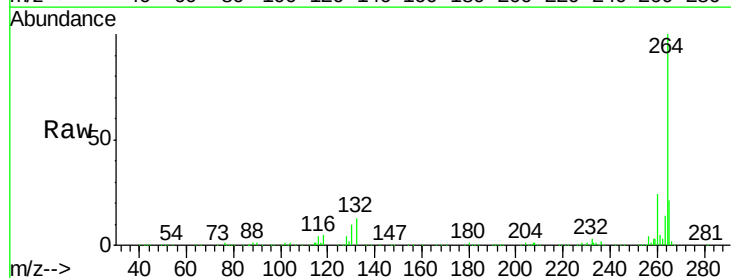
Tgt Ion:264 Resp: 391292

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.3 17.4 26.2



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

