

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085111.D
 Acq On : 2 Mar 2016 11:23
 Operator : SJ/IZ
 Sample : PB88627BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88627BL

Quant Time: Mar 03 02:56:46 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	171381	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	716364	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	339847	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	661072	20.00	ng	0.00
75) Chrysene-d12	14.15	240	592088	20.00	ng	0.00
86) Perylene-d12	15.63	264	412212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1436106	136.04	ng	0.01
7) Phenol-d6	6.61	99	1659091	119.88	ng	0.00
23) Nitrobenzene-d5	7.54	82	1007255	74.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	437120	127.99	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1867556	80.93	ng	0.00
78) Terphenyl-d14	13.10	244	1962934	77.77	ng	0.00

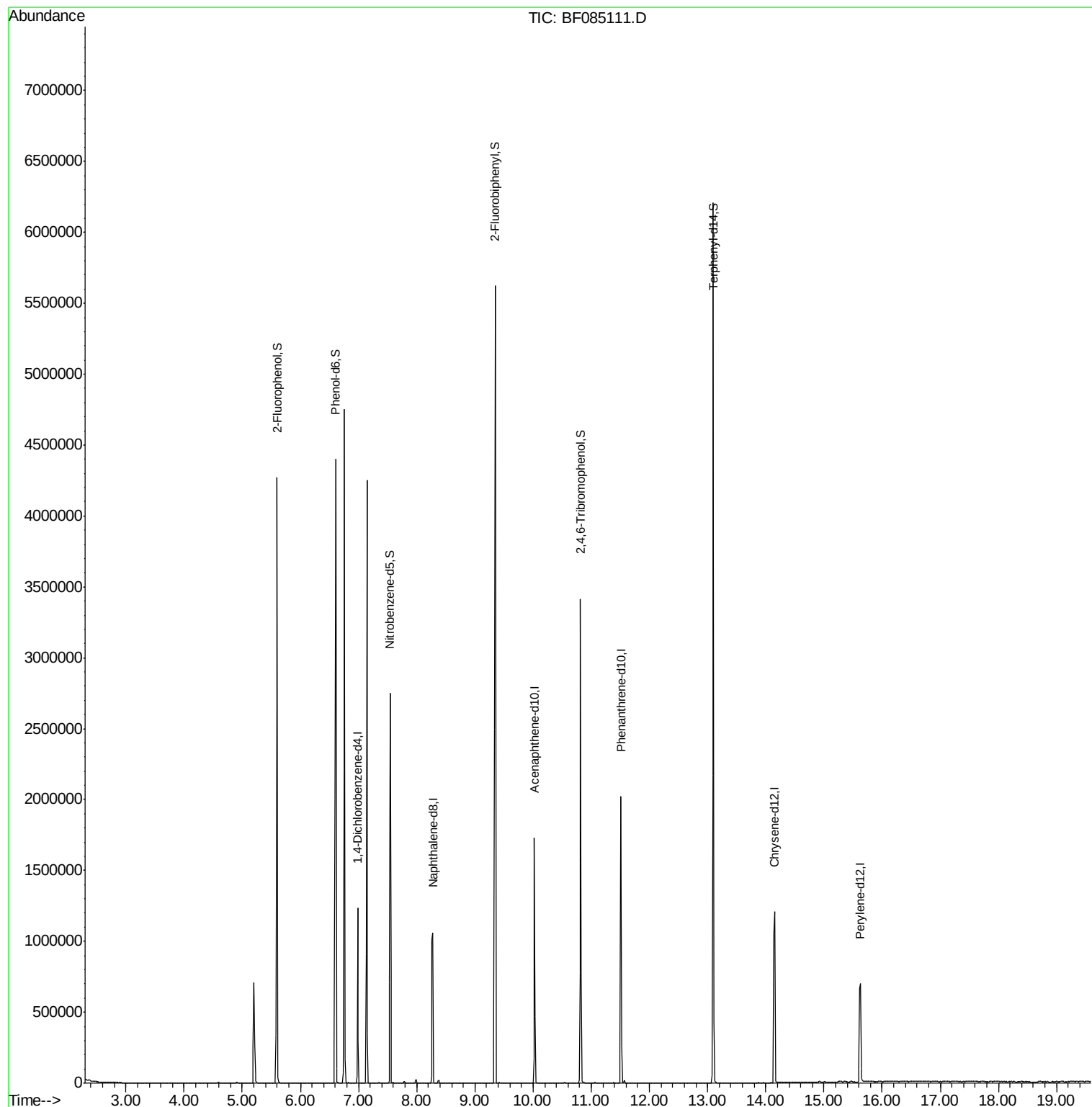
Target Compounds	Qvalue
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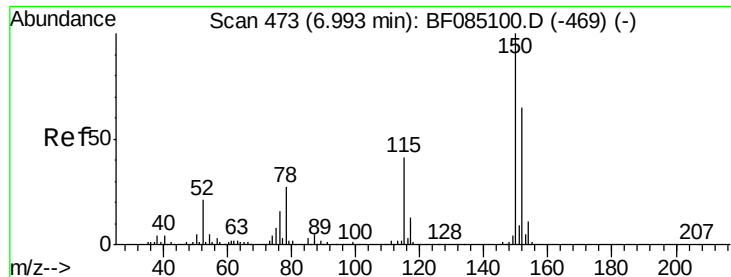
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

PB88627BL

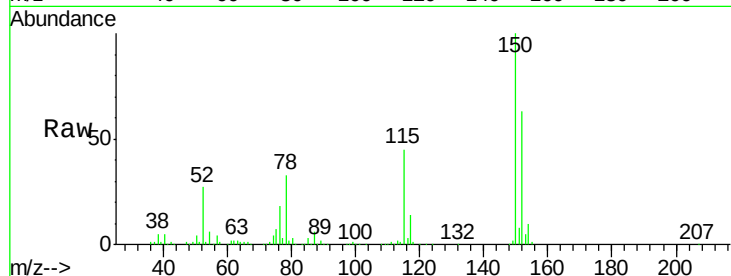
Tgt Ion:152 Resp: 171381

Ion Ratio Lower Upper

152 100

150 159.6 123.4 185.0

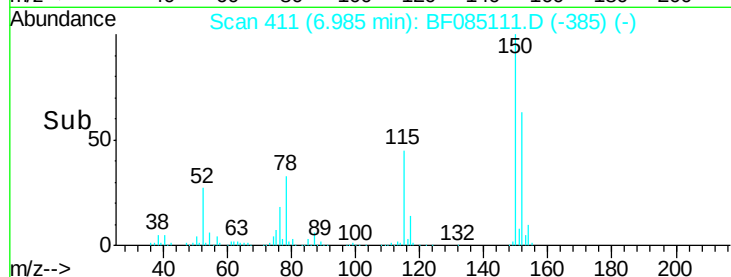
115 72.1 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

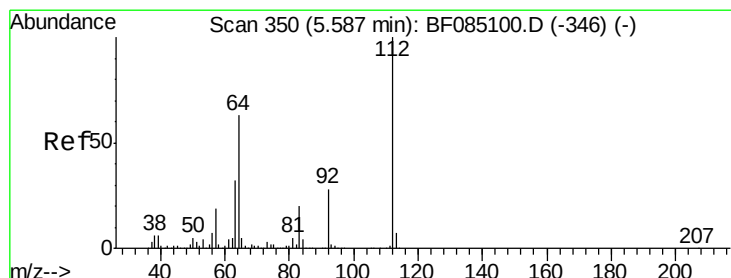
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



6.98

Time-->



#5

2-Fluorophenol

Concen: 136.04 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

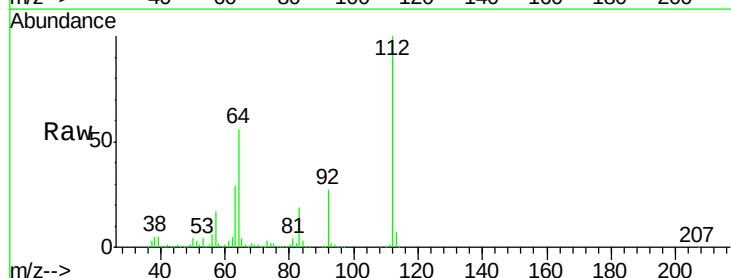
Tgt Ion:112 Resp: 1436106

Ion Ratio Lower Upper

112 100

64 56.3 50.6 76.0

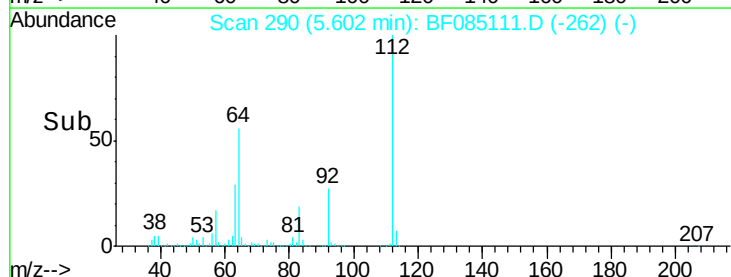
63 28.6 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E

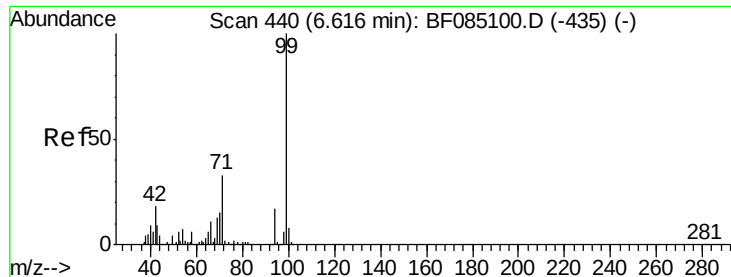
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



5.60

Time-->



#7

Phenol-d6

Concen: 119.88 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

PB88627BL

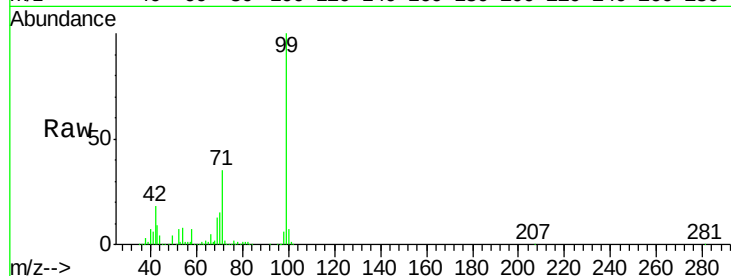
Tgt Ion: 99 Resp: 1659091

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

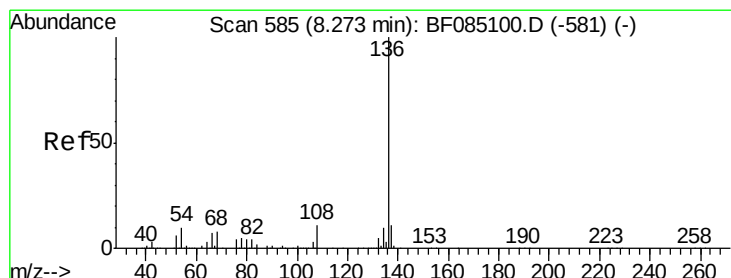
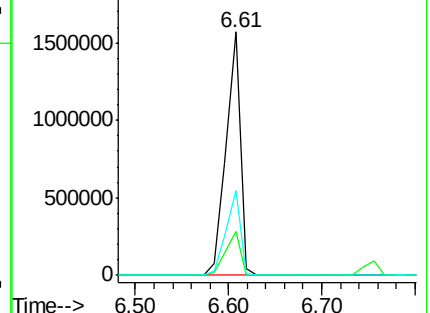
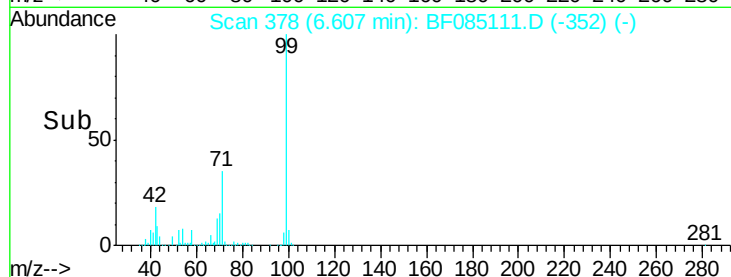
71 34.7 26.8 40.2



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: BF085111.D

Acq: 2 Mar 2016 11:23

Tgt Ion: 136 Resp: 716364

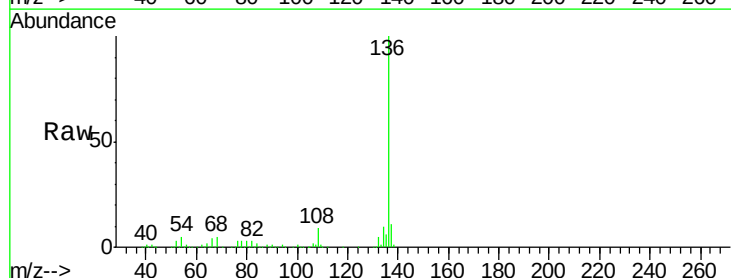
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.4 8.5 12.7#

68 4.6 6.4 9.6#

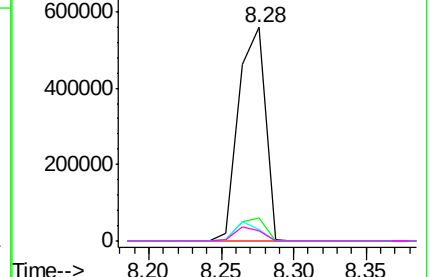
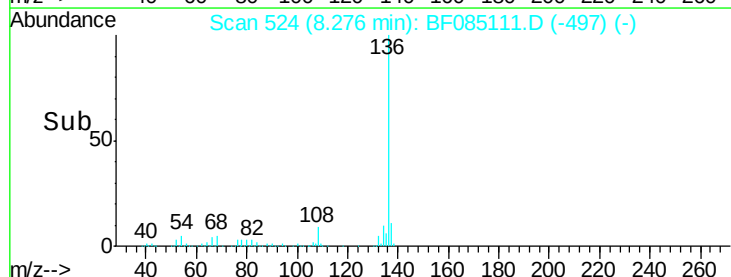


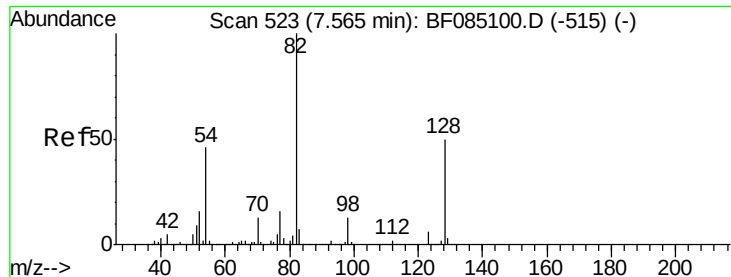
Abundance Ion 136.00 (135.70 to 136.70): E

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

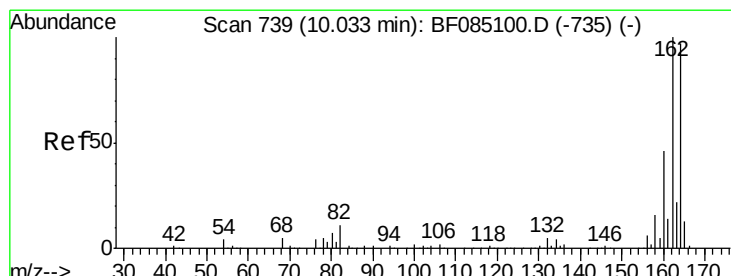
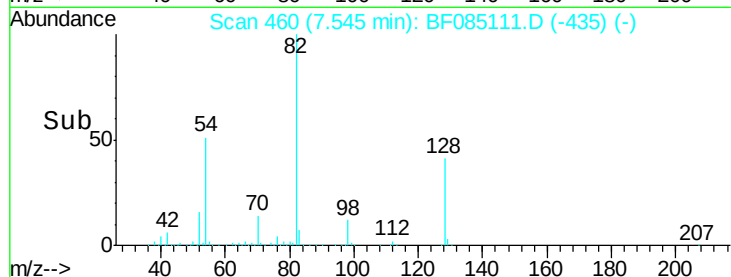
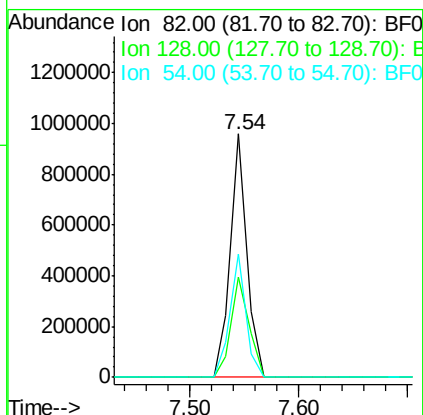
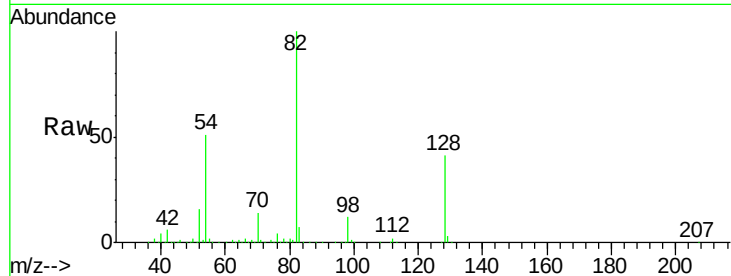




#23
 Nitrobenzene-d5
 Concen: 74.81 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085111.D
 Acq: 2 Mar 2016 11:23

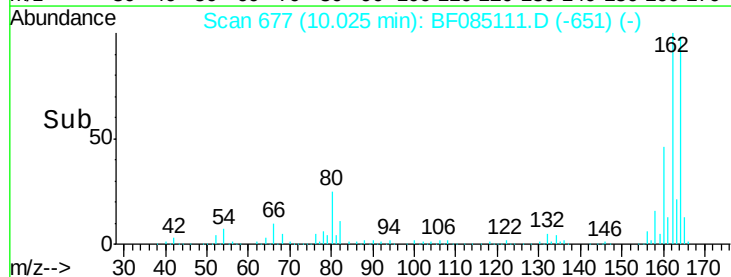
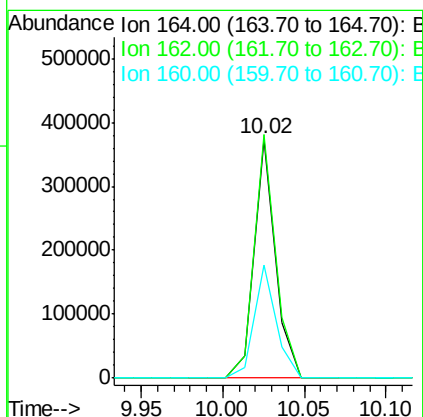
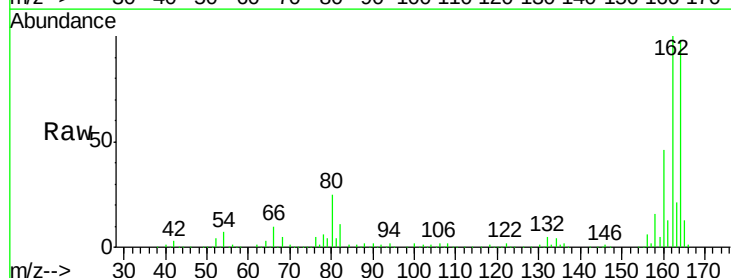
Instrument :
 BNA_F
 ClientSampleId :
 PB88627BL

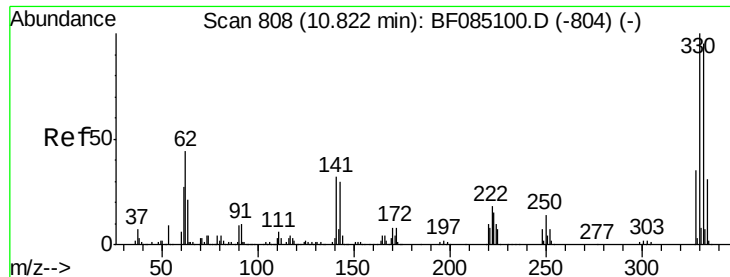
Tgt Ion: 82 Resp: 1007255
 Ion Ratio Lower Upper
 82 100
 128 41.1 39.8 59.6
 54 50.5 36.6 54.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF085111.D
 Acq: 2 Mar 2016 11:23

Tgt Ion: 164 Resp: 339847
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 47.2 38.2 57.2

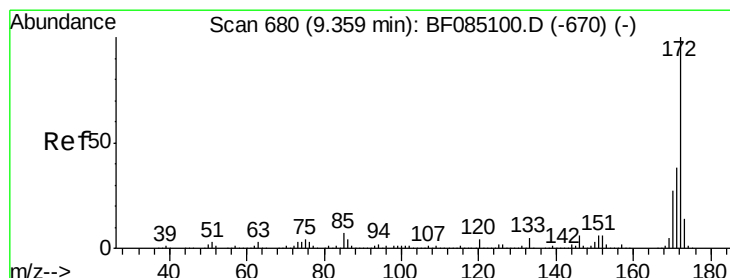
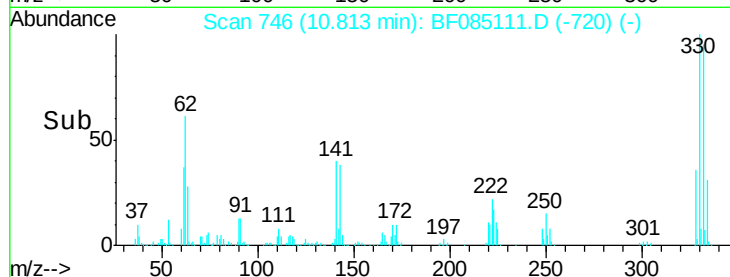
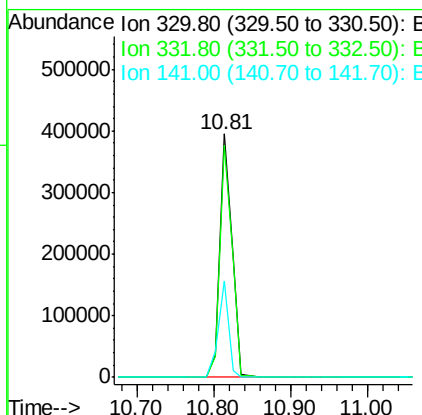
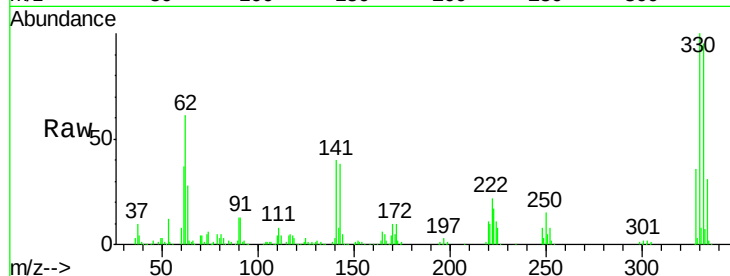




#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF085111.D
 Acq: 2 Mar 2016 11:23

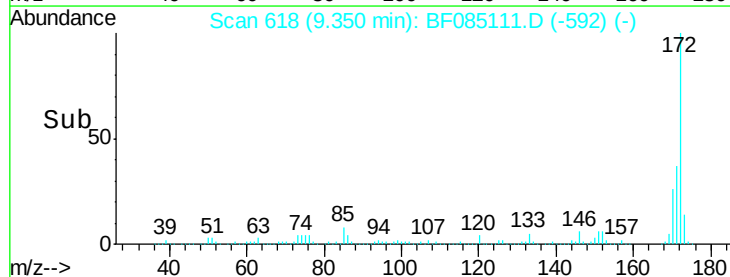
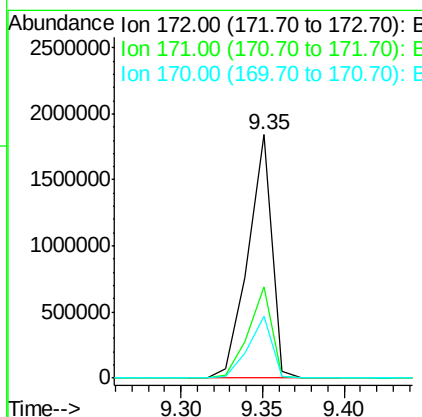
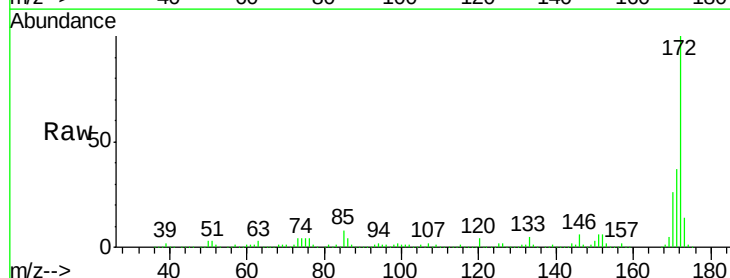
Instrument :
 BNA_F
 ClientSampled :
 PB88627BL

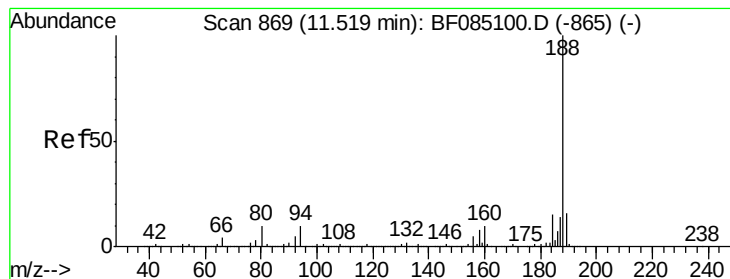
Tgt Ion:330 Resp: 437120
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.9 113.9
 141 33.7 28.9 43.3



#44
 2-Fluorobiphenyl
 Concen: 80.93 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085111.D
 Acq: 2 Mar 2016 11:23

Tgt Ion:172 Resp: 1867556
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 25.6 21.2 31.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleID :

PB88627BL

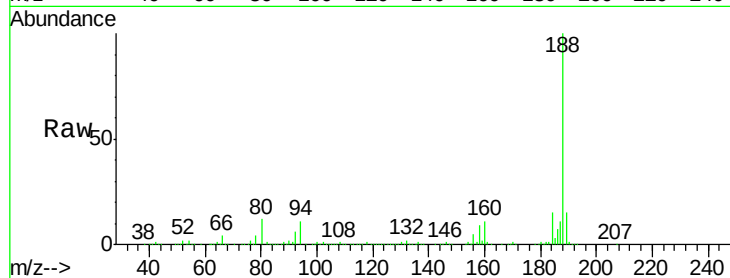
Tgt Ion:188 Resp: 661072

Ion Ratio Lower Upper

188 100

94 11.3 7.8 11.6

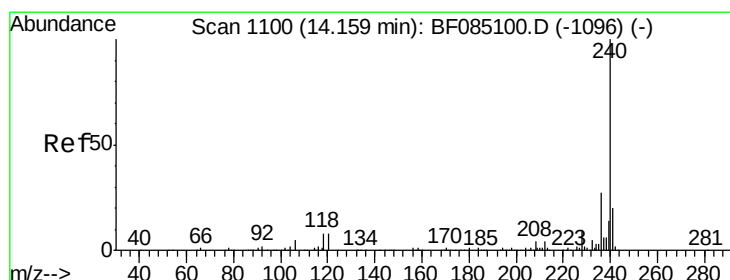
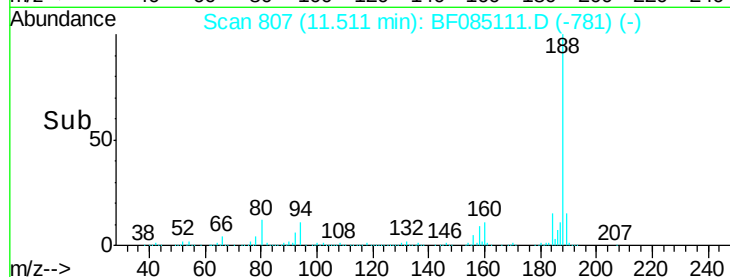
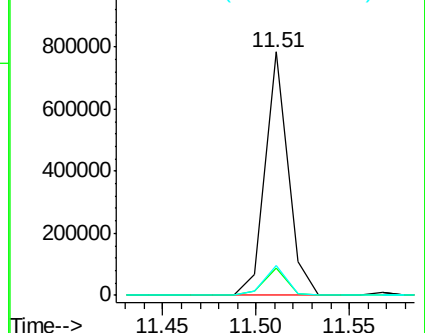
80 12.4 8.2 12.4#



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: BF085111.D

Acq: 2 Mar 2016 11:23

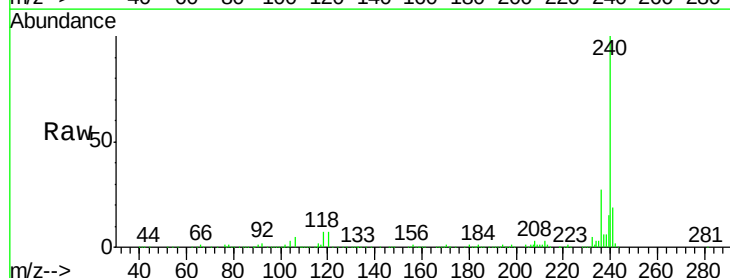
Tgt Ion:240 Resp: 592088

Ion Ratio Lower Upper

240 100

120 7.2 6.7 10.1

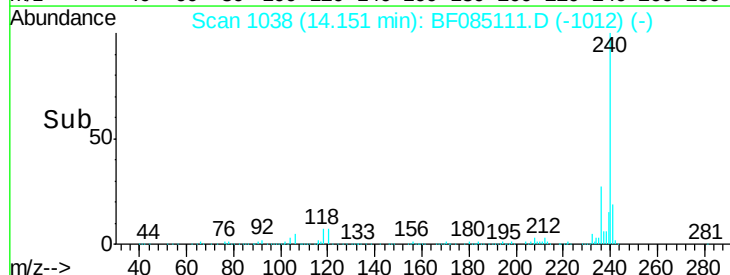
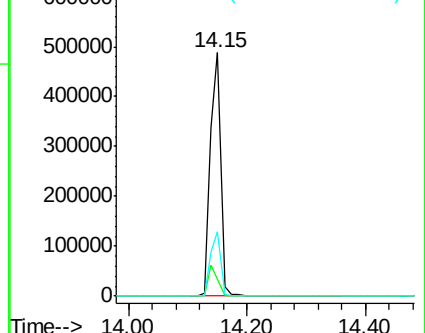
236 26.7 21.6 32.4

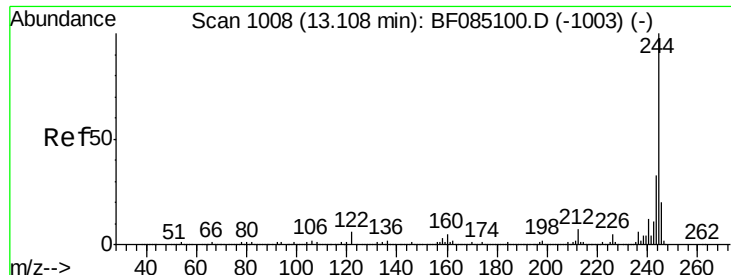


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.77 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

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ClientSampleId :

PB88627BL

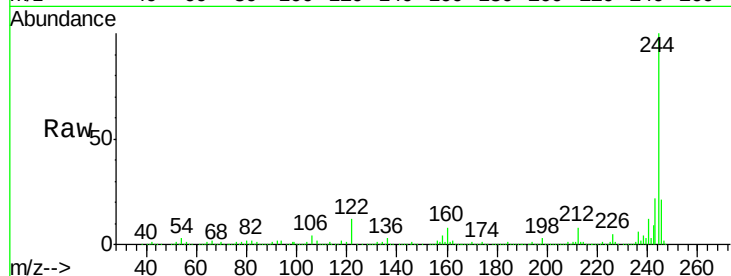
Tgt Ion:244 Resp: 1962934

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

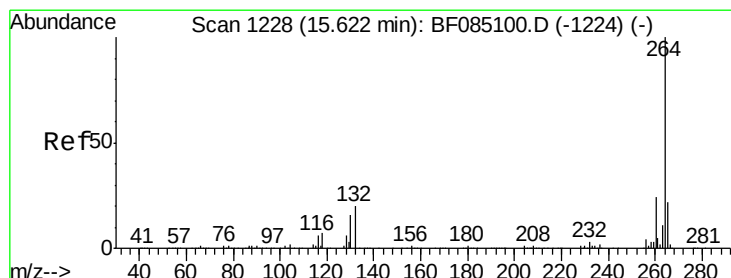
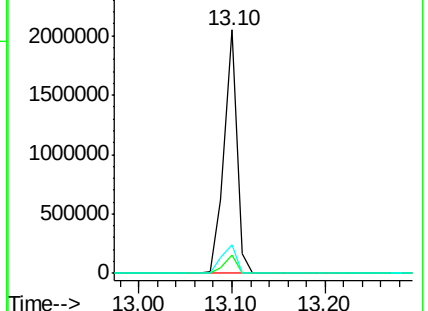
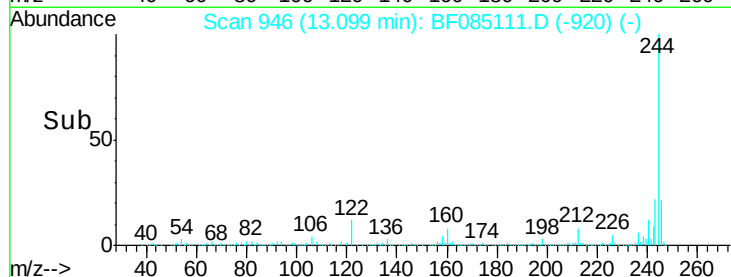
122 12.0 5.1 7.7#



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: BF085111.D

Acq: 2 Mar 2016 11:23

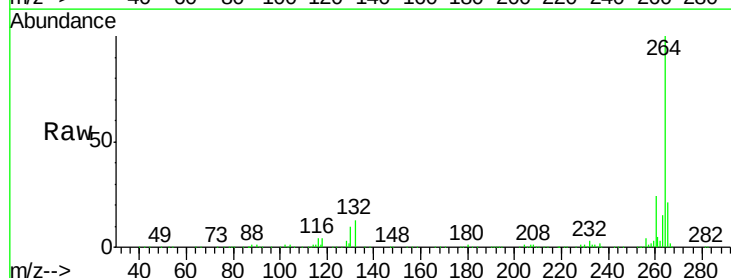
Tgt Ion:264 Resp: 412212

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.0 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

