

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092985.D
 Acq On : 16 Feb 2017 17:13
 Operator : SJ/MA
 Sample : PB96992BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BL

Quant Time: Feb 16 18:15:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127896	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	548188	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	305293	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	498760	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	502592	20.00	ng	-0.05
86) Perylene-d12	15.44	264	454238	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	905622	121.48	ng	-0.02
7) Phenol-d6	6.50	99	1178791	122.89	ng	-0.03
23) Nitrobenzene-d5	7.42	82	691177	70.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	255848	115.87	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1349527	80.08	ng	-0.02
78) Terphenyl-d14	12.96	244	1365052	63.82	ng	-0.03

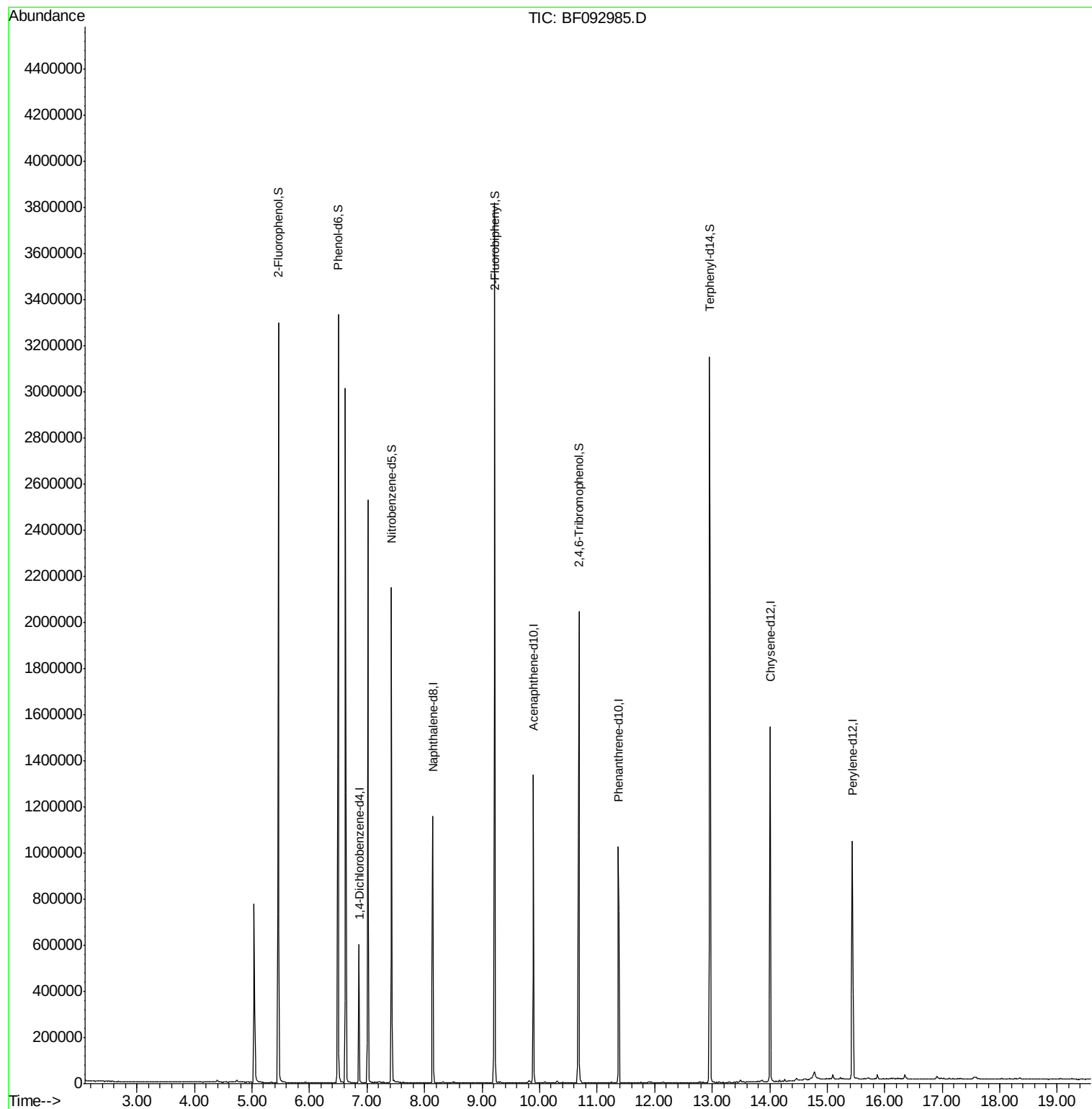
Target Compounds	Qvalue
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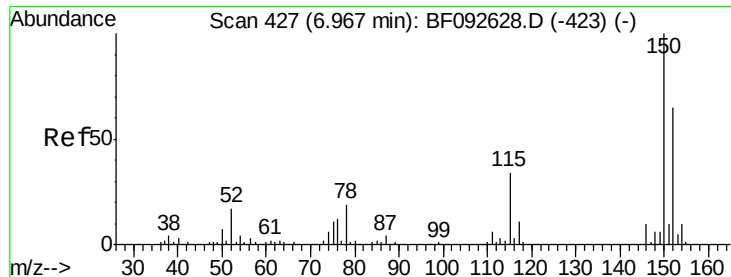
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

PB96992BL

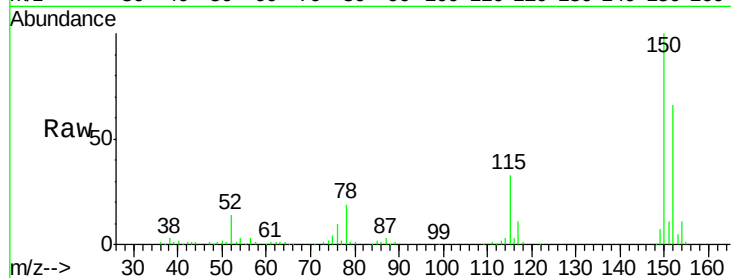
Tgt Ion:152 Resp: 127896

Ion Ratio Lower Upper

152 100

150 151.1 124.9 187.3

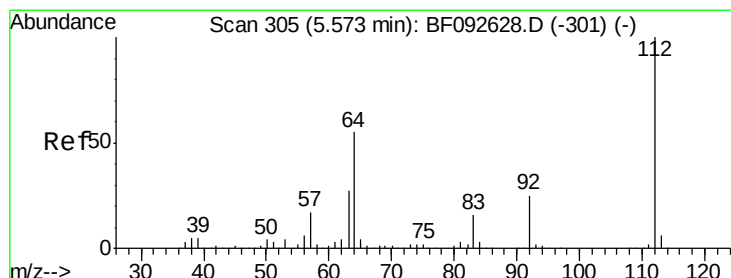
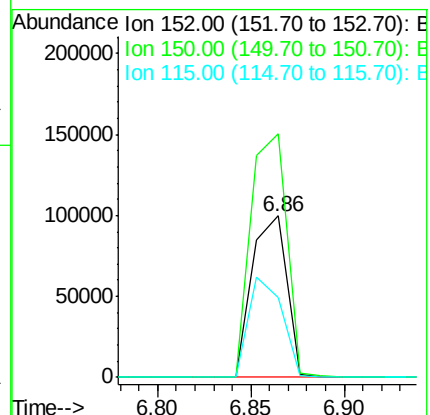
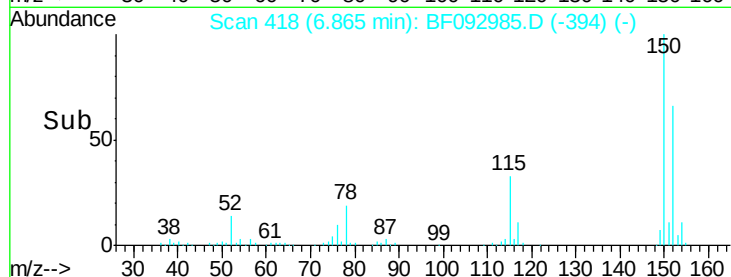
115 49.1 46.0 69.0



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: 121.48 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

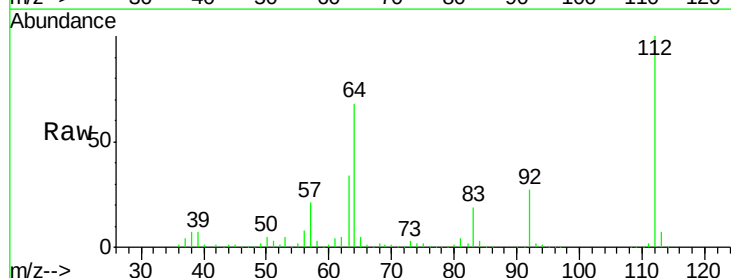
Tgt Ion:112 Resp: 905622

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

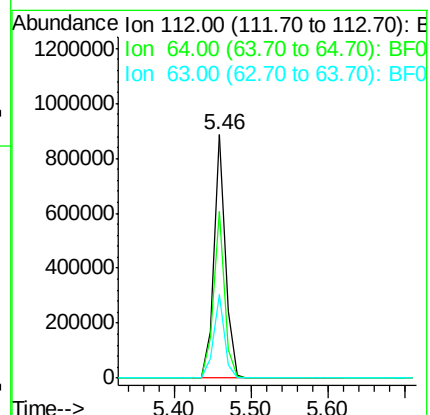
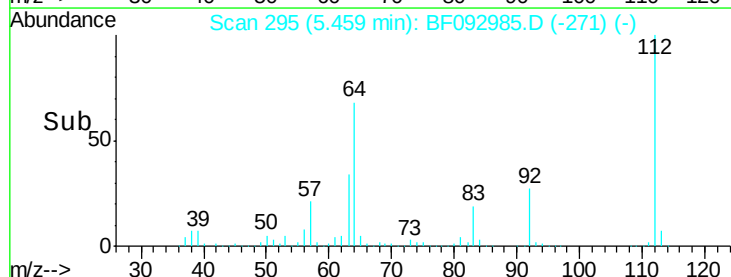
63 34.2 23.8 35.6

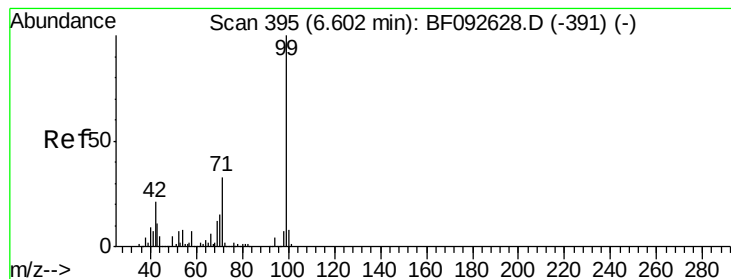


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.89 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

PB96992BL

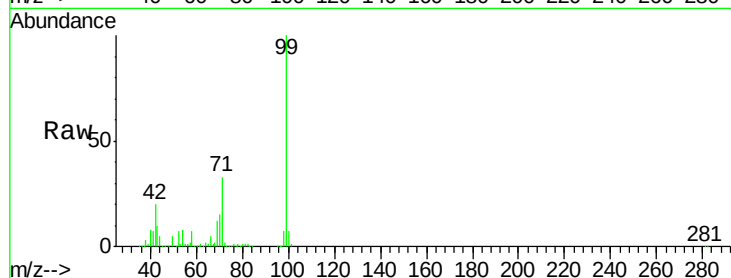
Tgt Ion: 99 Resp: 1178791

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

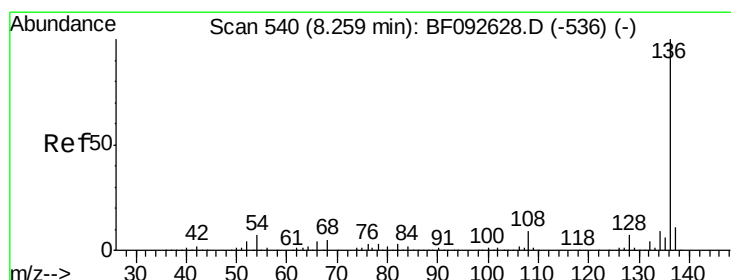
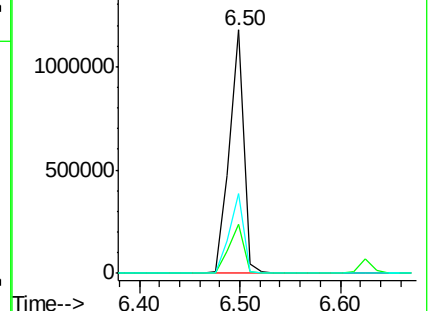
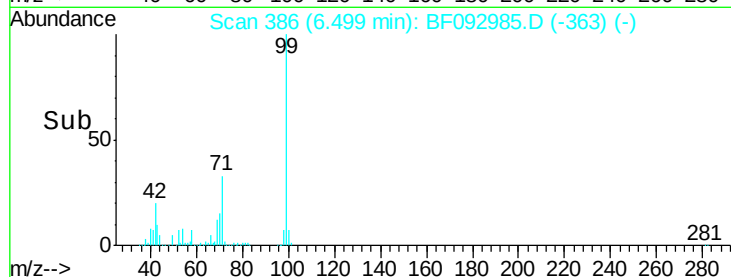
71 32.7 27.5 41.3



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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

Tgt Ion: 136 Resp: 548188

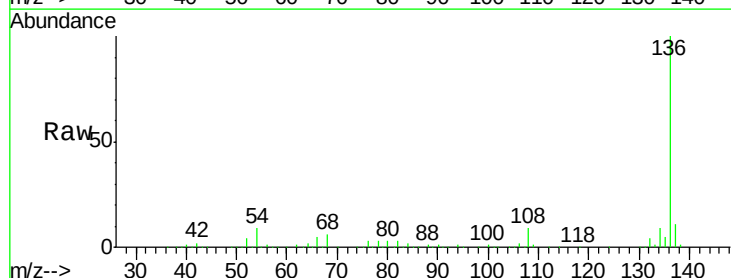
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.8 4.5 6.7#

68 6.2 3.6 5.4#

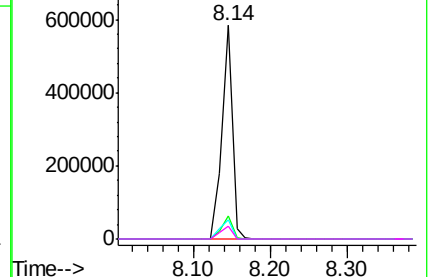
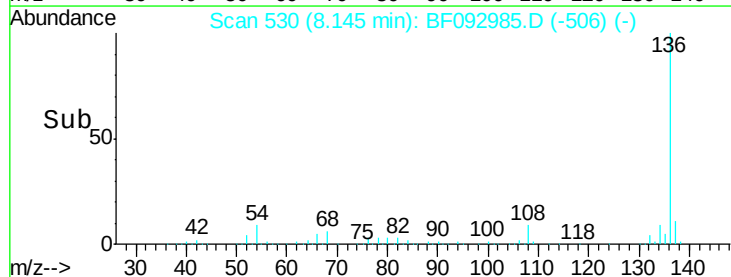


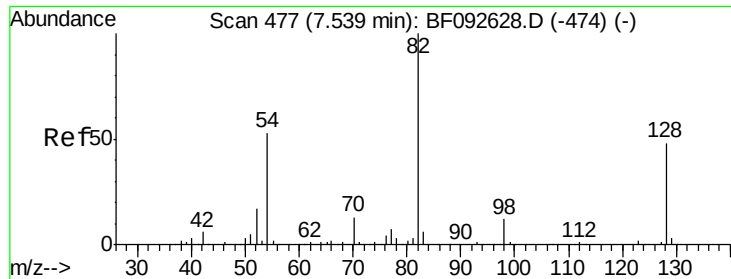
Abundance Ion 136.00 (135.70 to 136.70): E

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

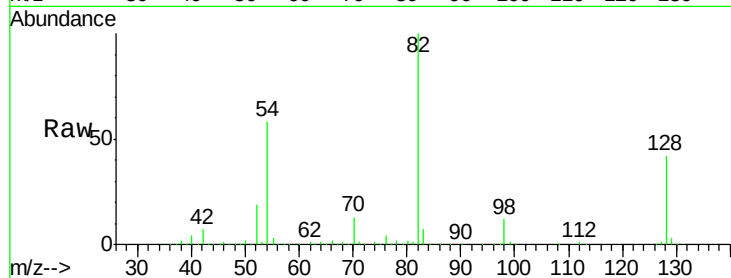




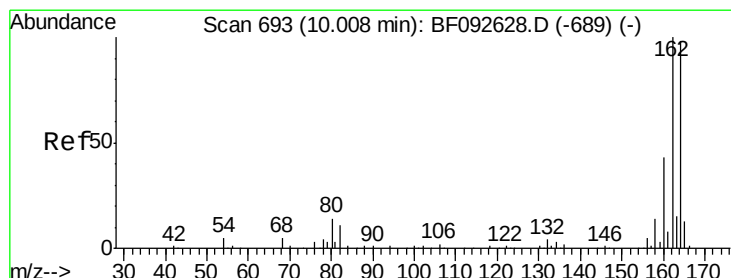
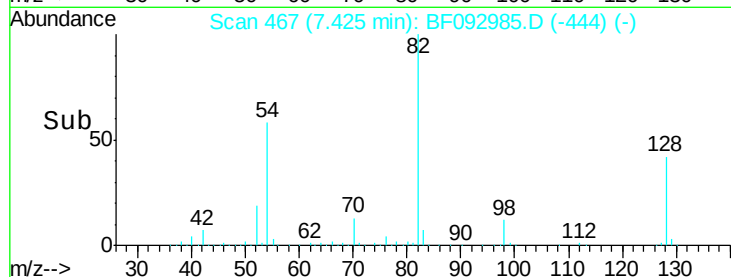
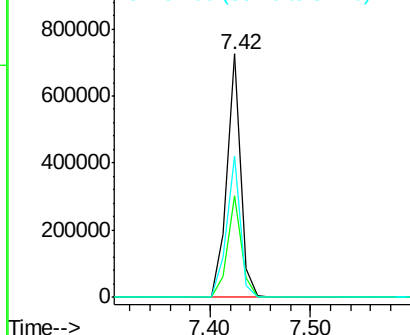
#23
 Nitrobenzene-d5
 Concen: 70.21 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF092985.D
 Acq: 16 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleID :
 PB96992BL

Tgt Ion: 82 Resp: 691177
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 57.8 39.5 59.3

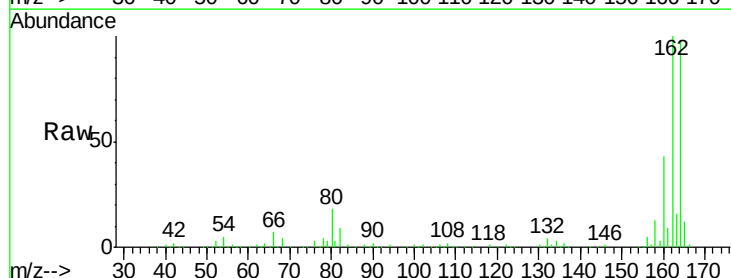


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

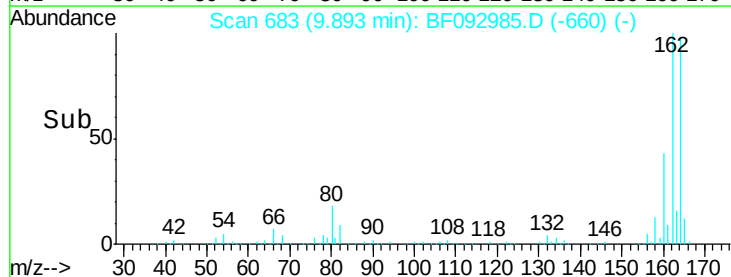
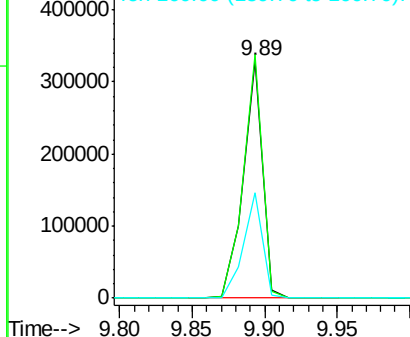


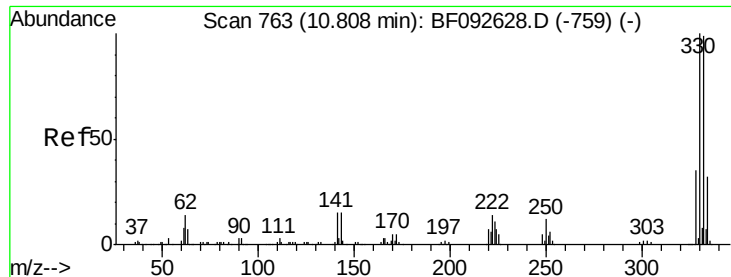
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF092985.D
 Acq: 16 Feb 2017 17:13

Tgt Ion: 164 Resp: 305293
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.2 120.2
 160 44.3 36.9 55.3



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

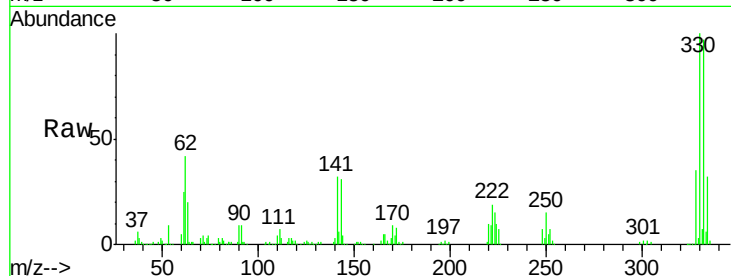




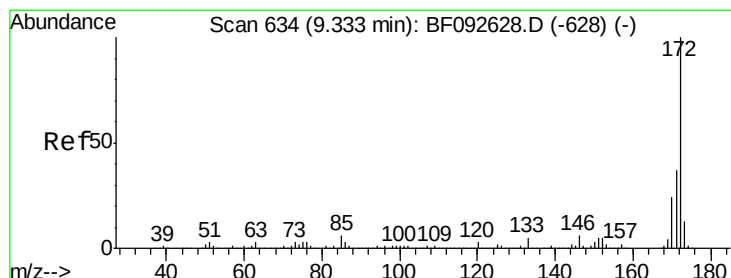
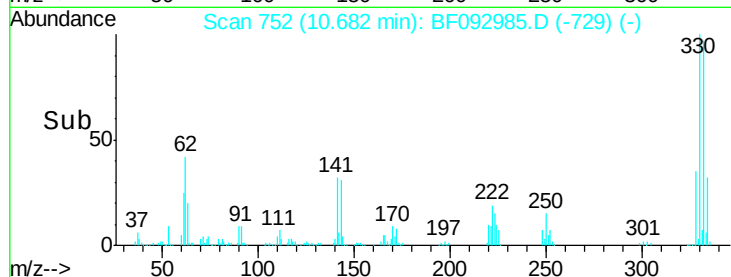
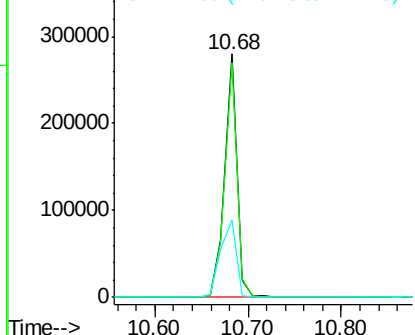
#41
 2,4,6-Tribromophenol
 Concen: 115.87 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF092985.D
 Acq: 16 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96992BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	40.4	34.1	51.1

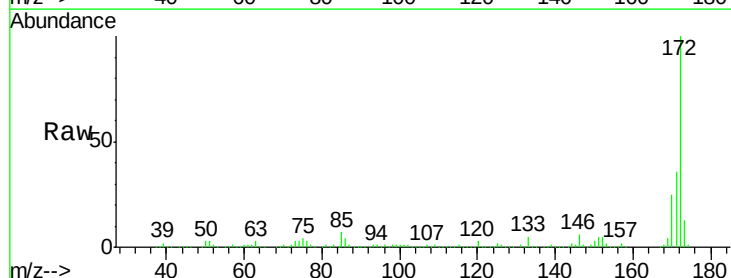


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

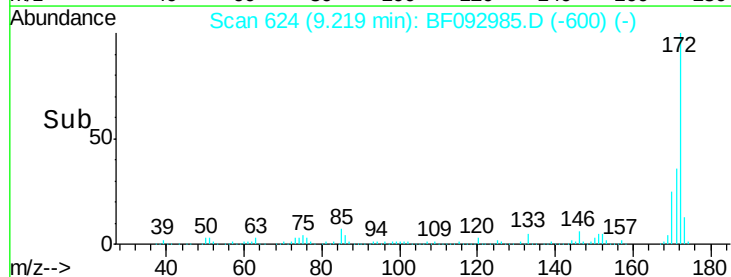
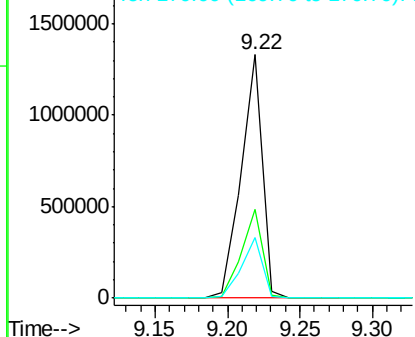


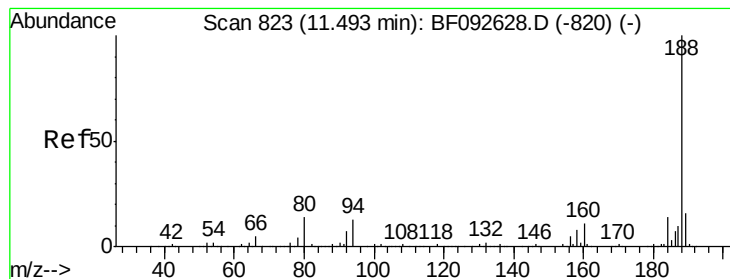
#44
 2-Fluorobiphenyl
 Concen: 80.08 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092985.D
 Acq: 16 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.7	20.2	30.4



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: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

PB96992BL

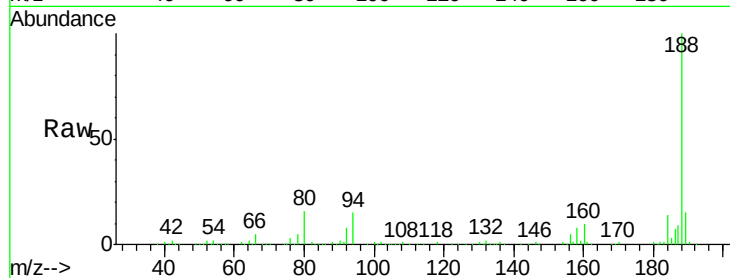
Tgt Ion:188 Resp: 498760

Ion Ratio Lower Upper

188 100

94 15.0 10.0 15.0

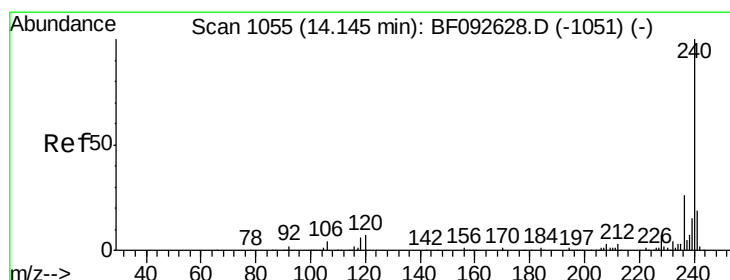
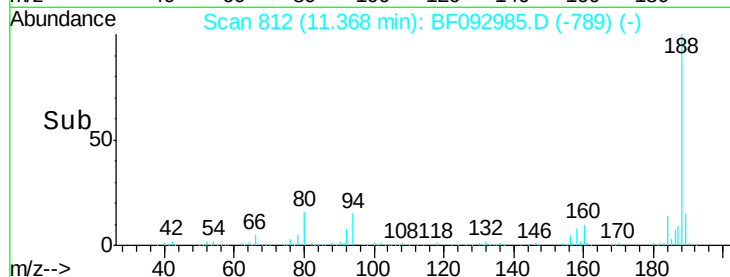
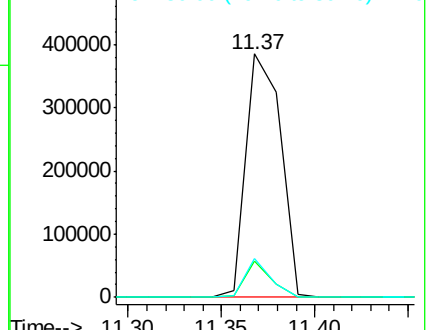
80 15.9 11.2 16.8



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: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

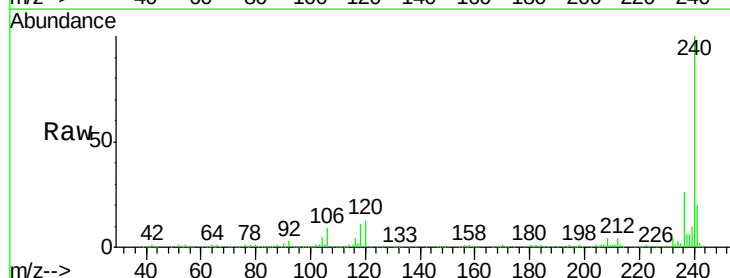
Tgt Ion:240 Resp: 502592

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

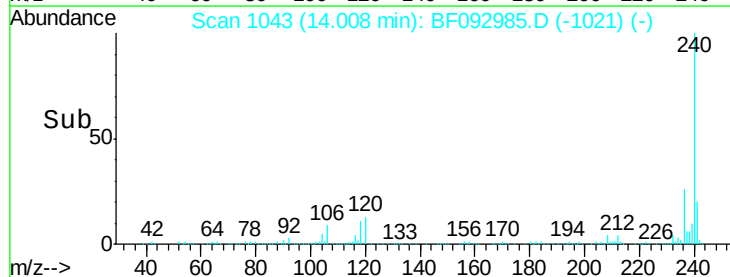
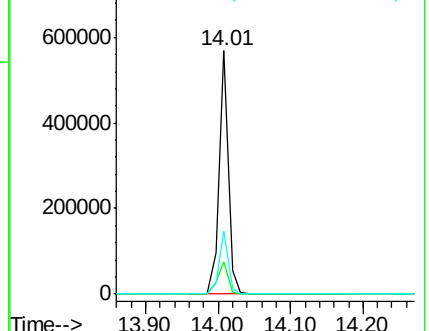
236 26.1 20.9 31.3

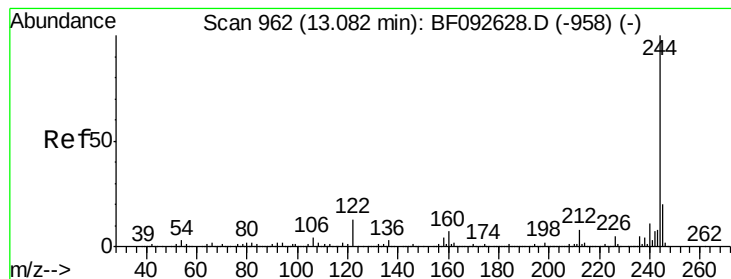


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.03 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

Instrument :

BNA_F

ClientSampled :

PB96992BL

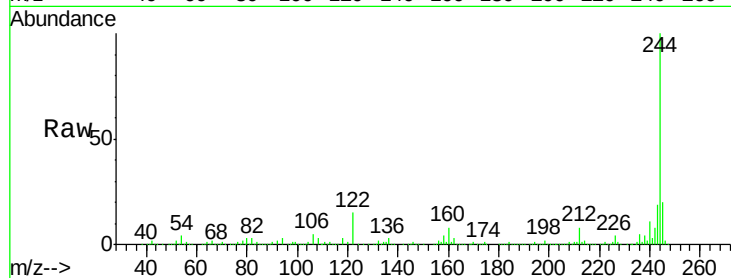
Tgt Ion:244 Resp: 1365052

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

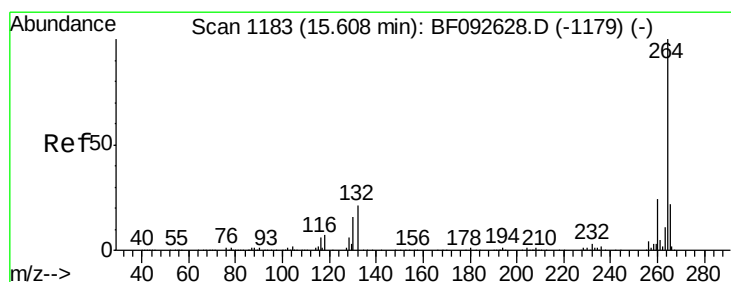
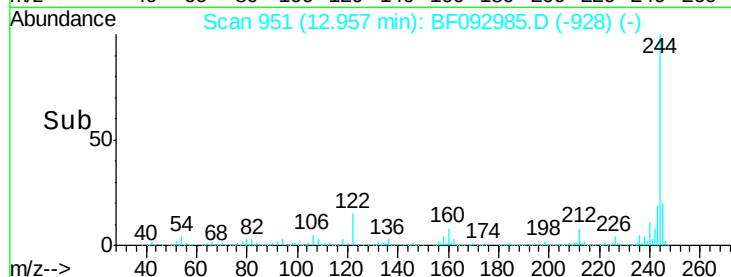
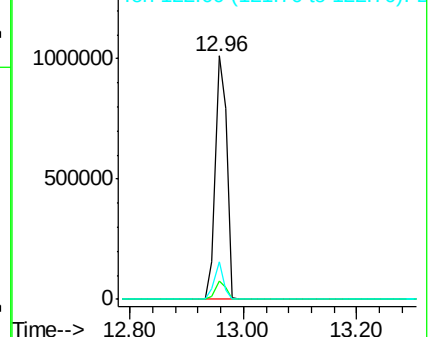
122 15.3 11.4 17.2



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: 15.44 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF092985.D

Acq: 16 Feb 2017 17:13

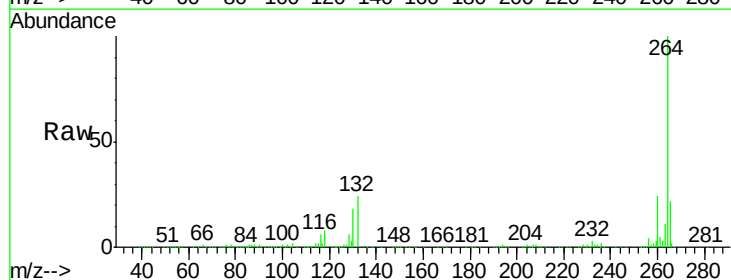
Tgt Ion:264 Resp: 454238

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 17.4 26.0



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

