

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
 Data File : BF076844.D
 Acq On : 13 Jan 2015 15:08
 Operator : IZ / TP
 Sample : PB81296BL
 Misc : S DOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81296BL

Quant Time: Jan 14 11:46:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32854	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	143425	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	78493	20.00	ng	-0.05
63) Phenanthrene-d10	17.82	188	133135	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	130933	20.00	ng	-0.05
86) Perylene-d12	22.99	264	116345	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	234186	118.95	ng	-0.03
7) Phenol-d6	7.46	99	290702	117.28	ng	-0.03
23) Nitrobenzene-d5	9.35	82	176954	68.56	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	70562	107.70	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	365716	68.57	ng	-0.05
78) Terphenyl-d14	20.04	244	389688	65.35	ng	-0.03

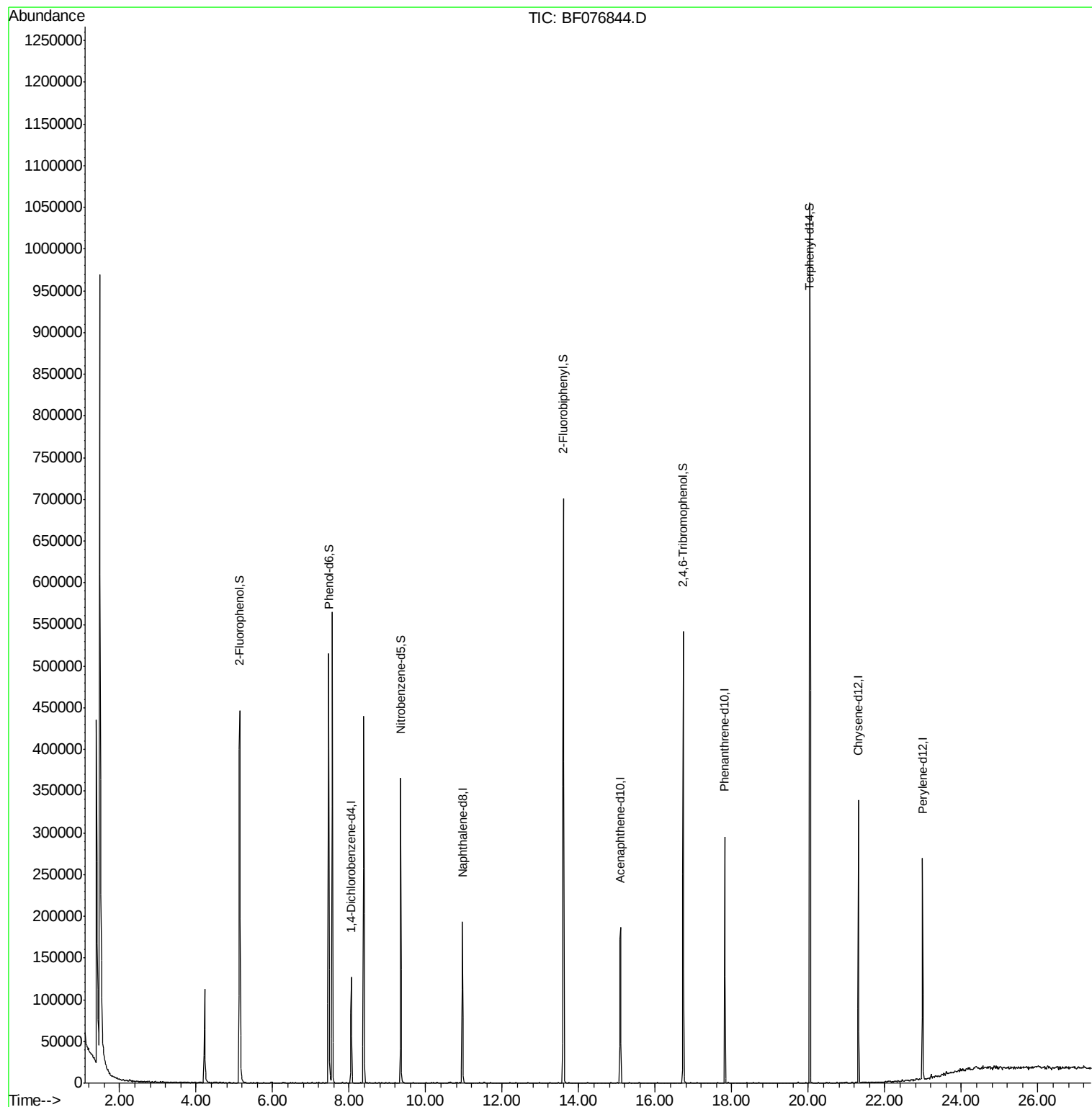
Target Compounds	Qvalue
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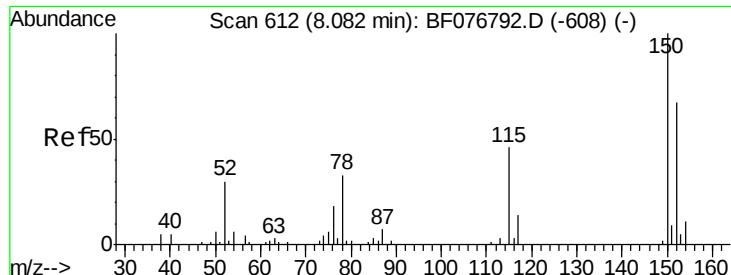
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 12 10:43:48 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

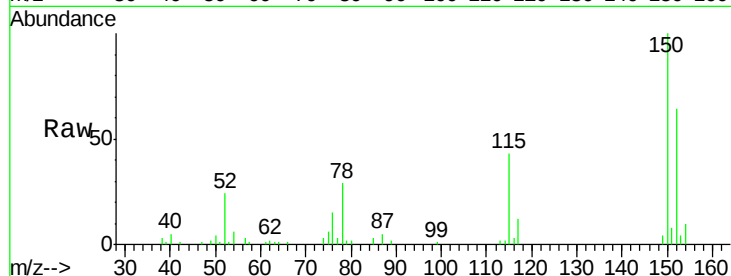
Tgt Ion:152 Resp: 32854

Ion Ratio Lower Upper

152 100

150 157.2 119.5 179.3

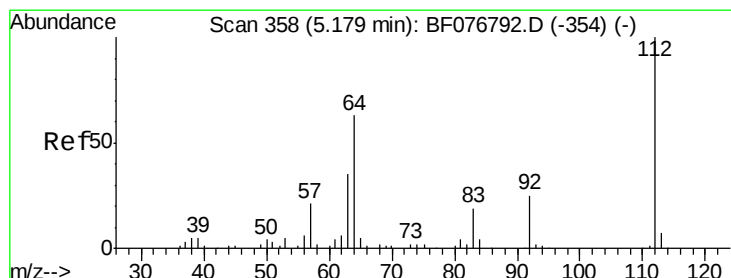
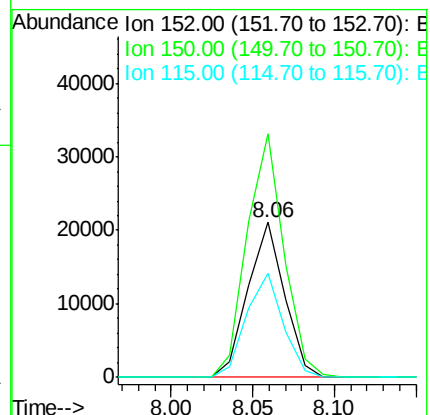
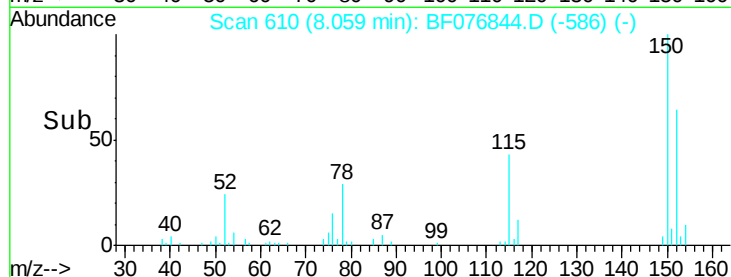
115 67.6 54.6 81.8



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: 118.95 ng

RT: 5.14 min Scan# 355

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

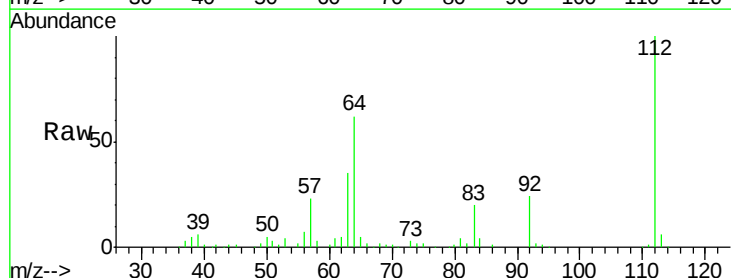
Tgt Ion:112 Resp: 234186

Ion Ratio Lower Upper

112 100

64 61.7 50.2 75.4

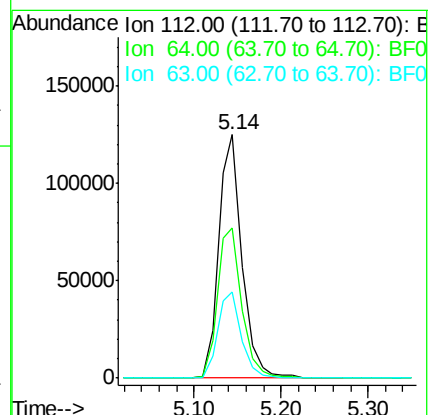
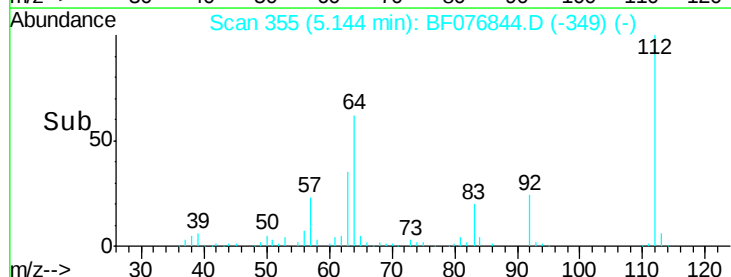
63 35.1 27.8 41.6

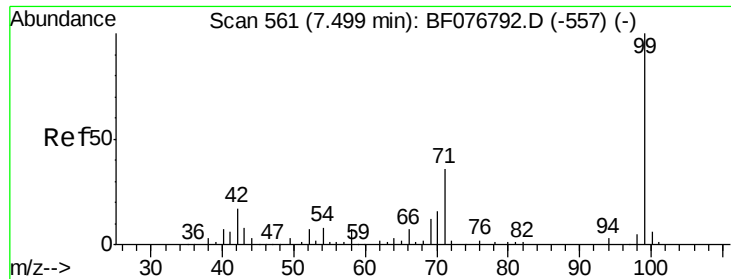


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.28 ng

RT: 7.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

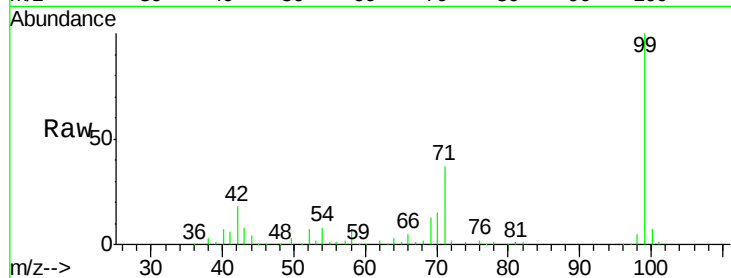
Tgt Ion: 99 Resp: 290702

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

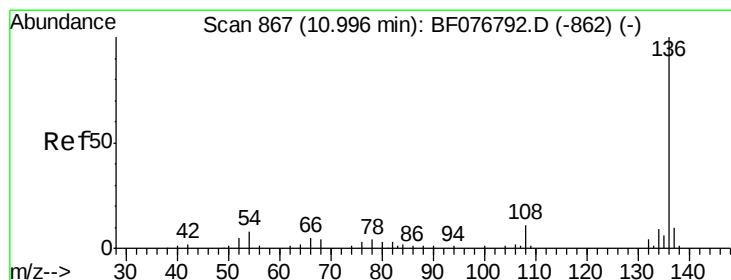
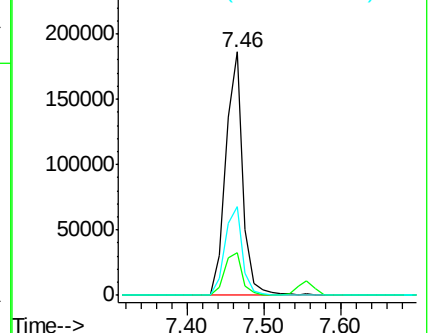
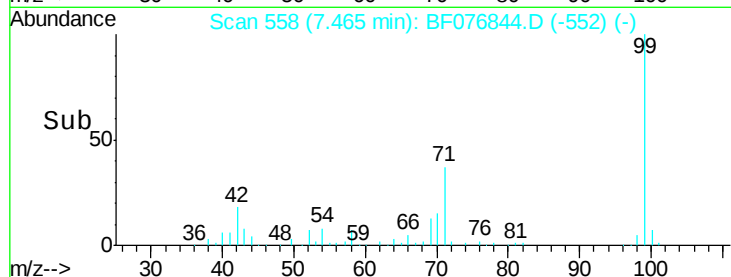
71 36.5 29.2 43.8



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: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Tgt Ion: 136 Resp: 143425

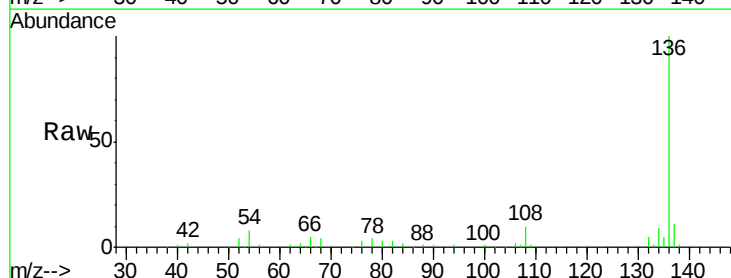
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.5 6.3 9.5

68 4.1 3.4 5.0

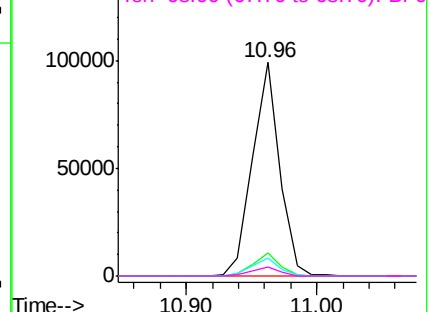
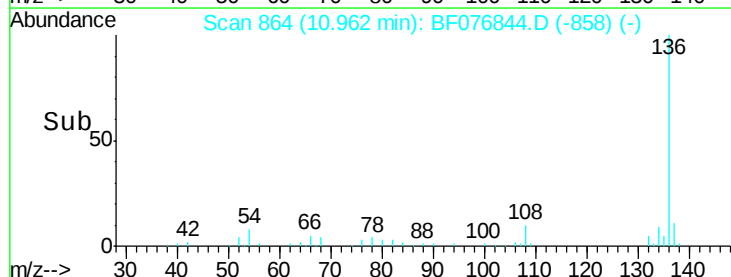


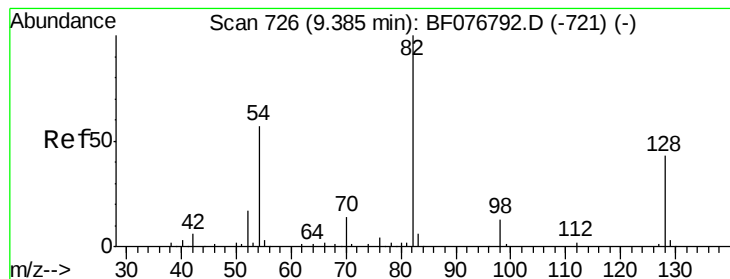
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.56 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

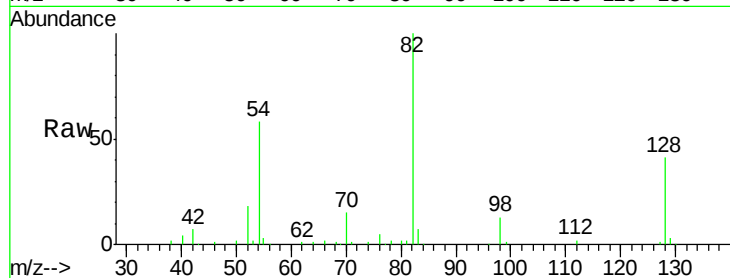
Tgt Ion: 82 Resp: 176954

Ion Ratio Lower Upper

82 100

128 41.4 34.0 51.0

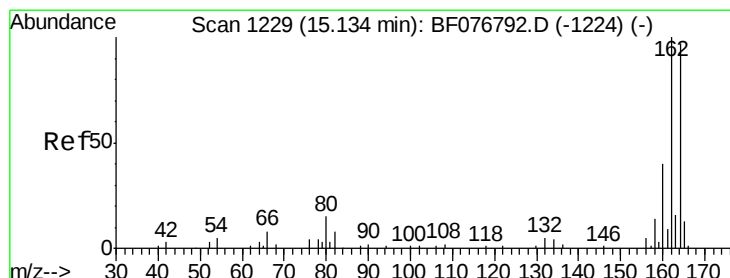
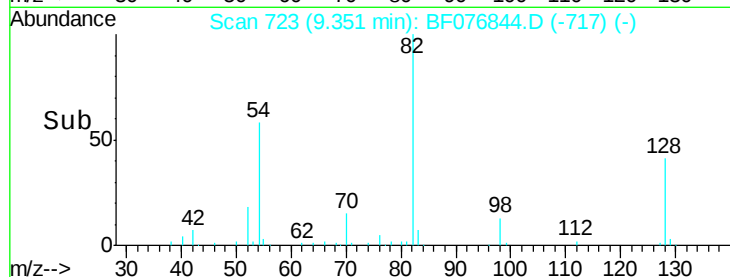
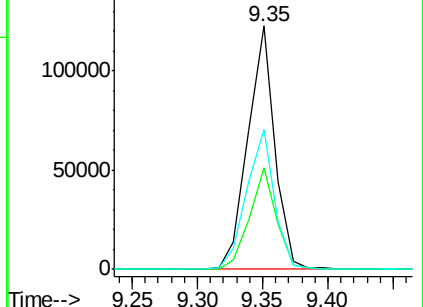
54 57.6 45.6 68.4



Abundance Ion 82.00 (81.70 to 82.70): BF076792.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BF076792.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BF076792.D (-721) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.05 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

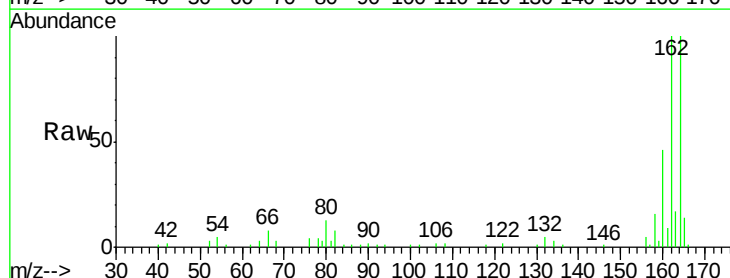
Tgt Ion: 164 Resp: 78493

Ion Ratio Lower Upper

164 100

162 100.3 82.5 123.7

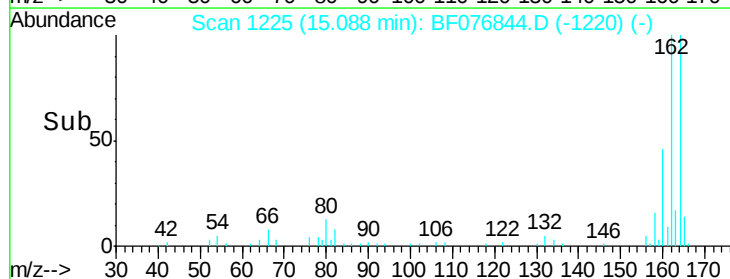
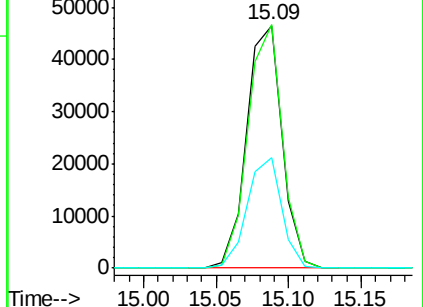
160 45.7 33.1 49.7

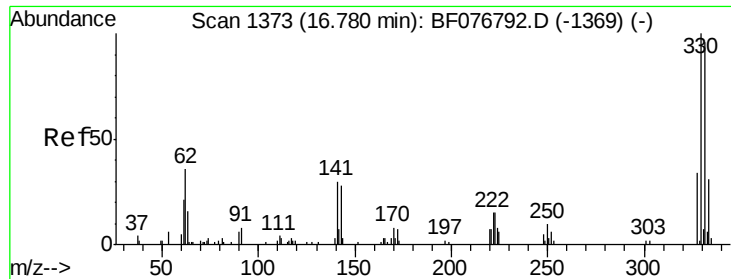


Abundance Ion 164.00 (163.70 to 164.70): BF076792.D (-1224) (-)

Ion 162.00 (161.70 to 162.70): BF076792.D (-1224) (-)

Ion 160.00 (159.70 to 160.70): BF076792.D (-1224) (-)

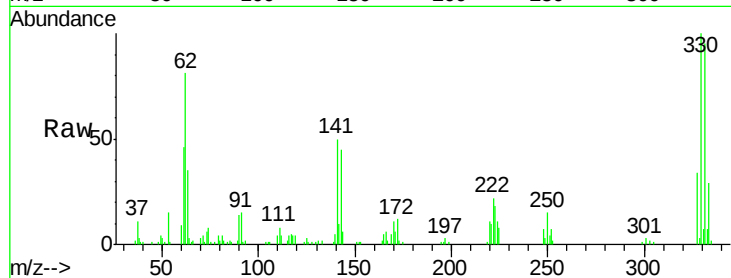




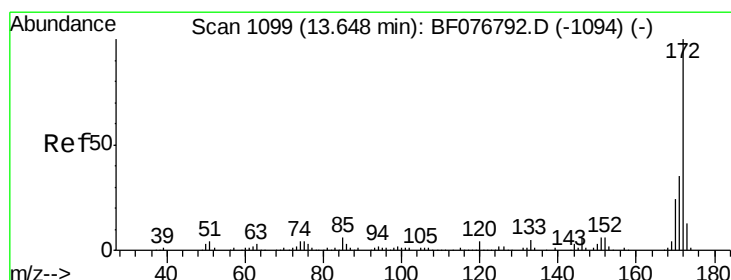
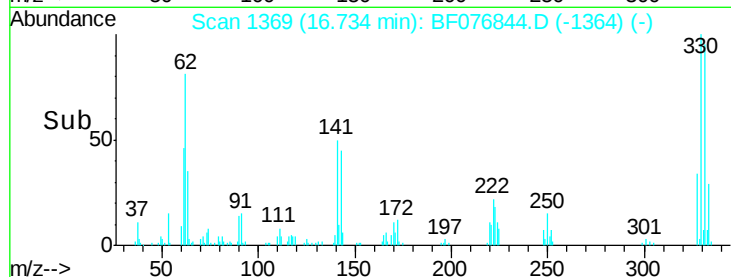
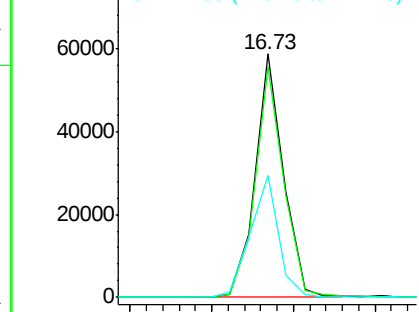
#41
 2,4,6-Tribromophenol
 Concen: 107.70 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: BF076844.D
 Acq: 13 Jan 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB81296BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	74.8	112.2
141	49.8	42.4	63.6

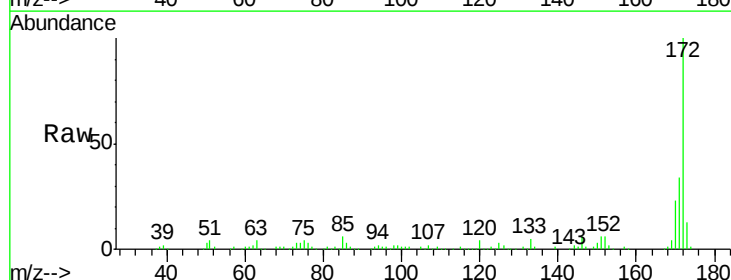


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

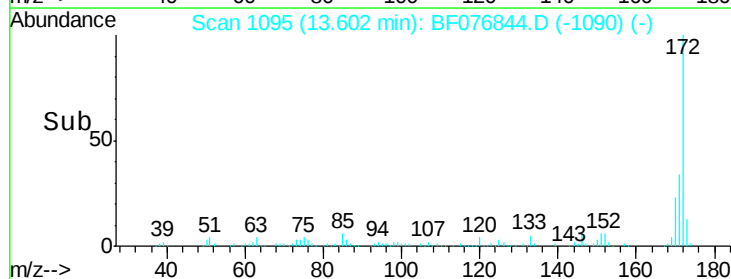
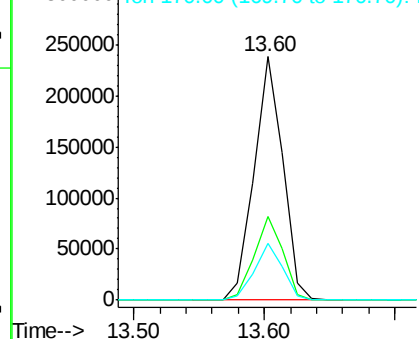


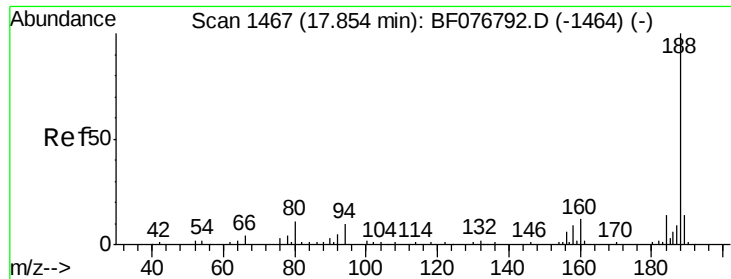
#44
 2-Fluorobiphenyl
 Concen: 68.57 ng
 RT: 13.60 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF076844.D
 Acq: 13 Jan 2015 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	23.1	18.8	28.2



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: 17.82 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

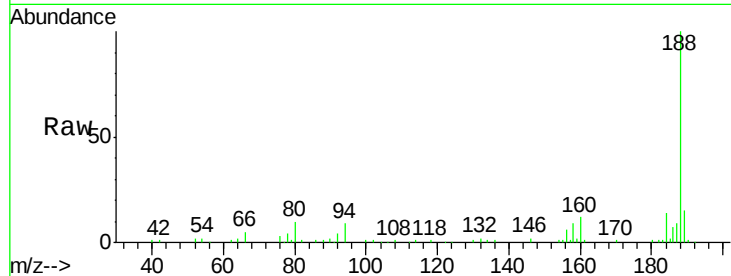
Tgt Ion:188 Resp: 133135

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

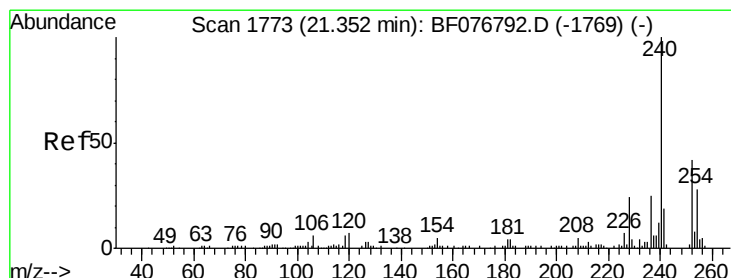
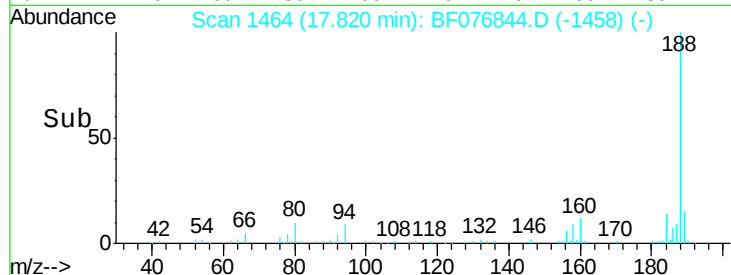
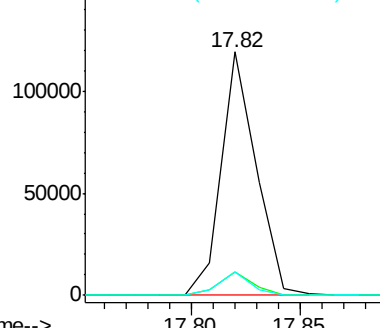
80 9.6 8.6 13.0



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: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

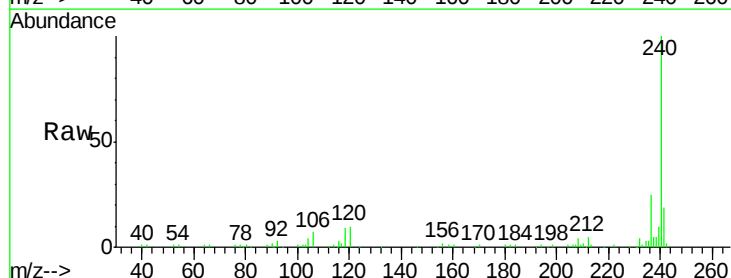
Tgt Ion:240 Resp: 130933

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

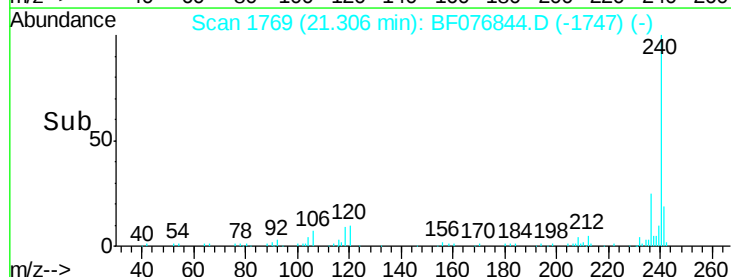
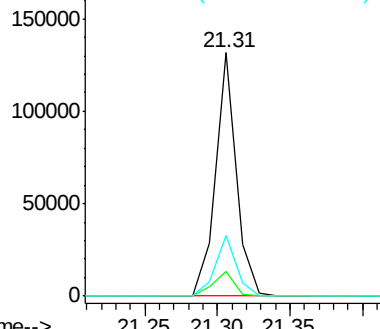
236 24.7 19.7 29.5

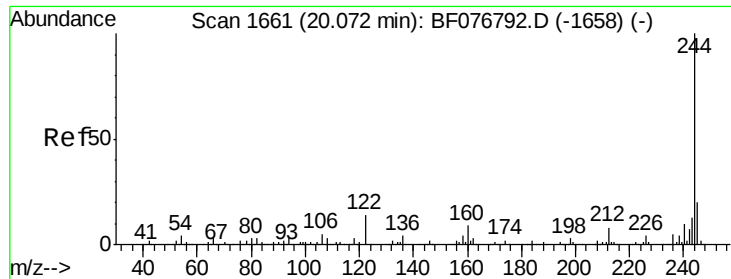


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.35 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

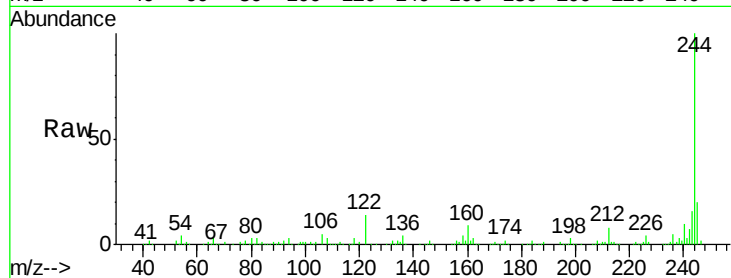
Tgt Ion:244 Resp: 389688

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

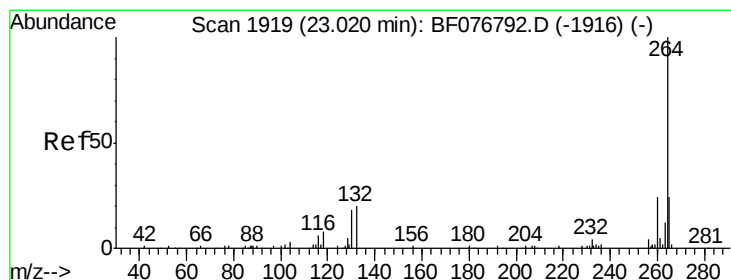
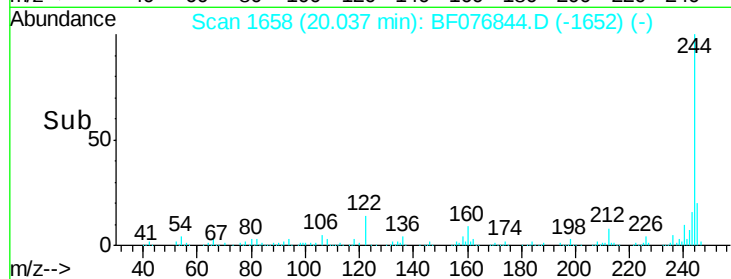
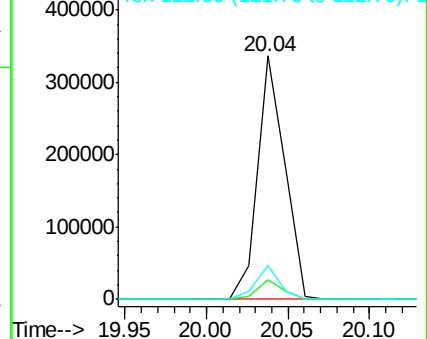
122 13.7 11.3 16.9



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: 22.99 min Scan# 1916

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

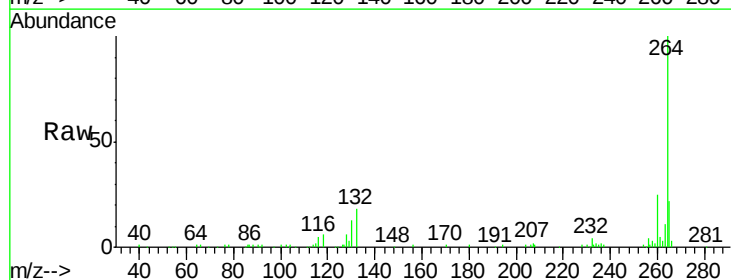
Tgt Ion:264 Resp: 116345

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.0

265 22.3 18.9 28.3



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

