

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077162.D
 Acq On : 3 Feb 2015 15:25
 Operator : TP/IZ
 Sample : PB81581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BL

Quant Time: Feb 04 00:10:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 03 23:50:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25013	20.00	ng	0.01
21) Naphthalene-d8	10.59	136	98096	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	46980	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	88513	20.00	ng	0.00
75) Chrysene-d12	21.08	240	84522	20.00	ng	0.01
86) Perylene-d12	22.84	264	76529	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	183534	120.64	ng	0.00
7) Phenol-d6	7.08	99	229759	119.72	ng	-0.01
23) Nitrobenzene-d5	8.98	82	133886	75.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.44	330	44976	117.94	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	279443	90.52	ng	-0.01
78) Terphenyl-d14	19.81	244	316927	86.32	ng	0.00

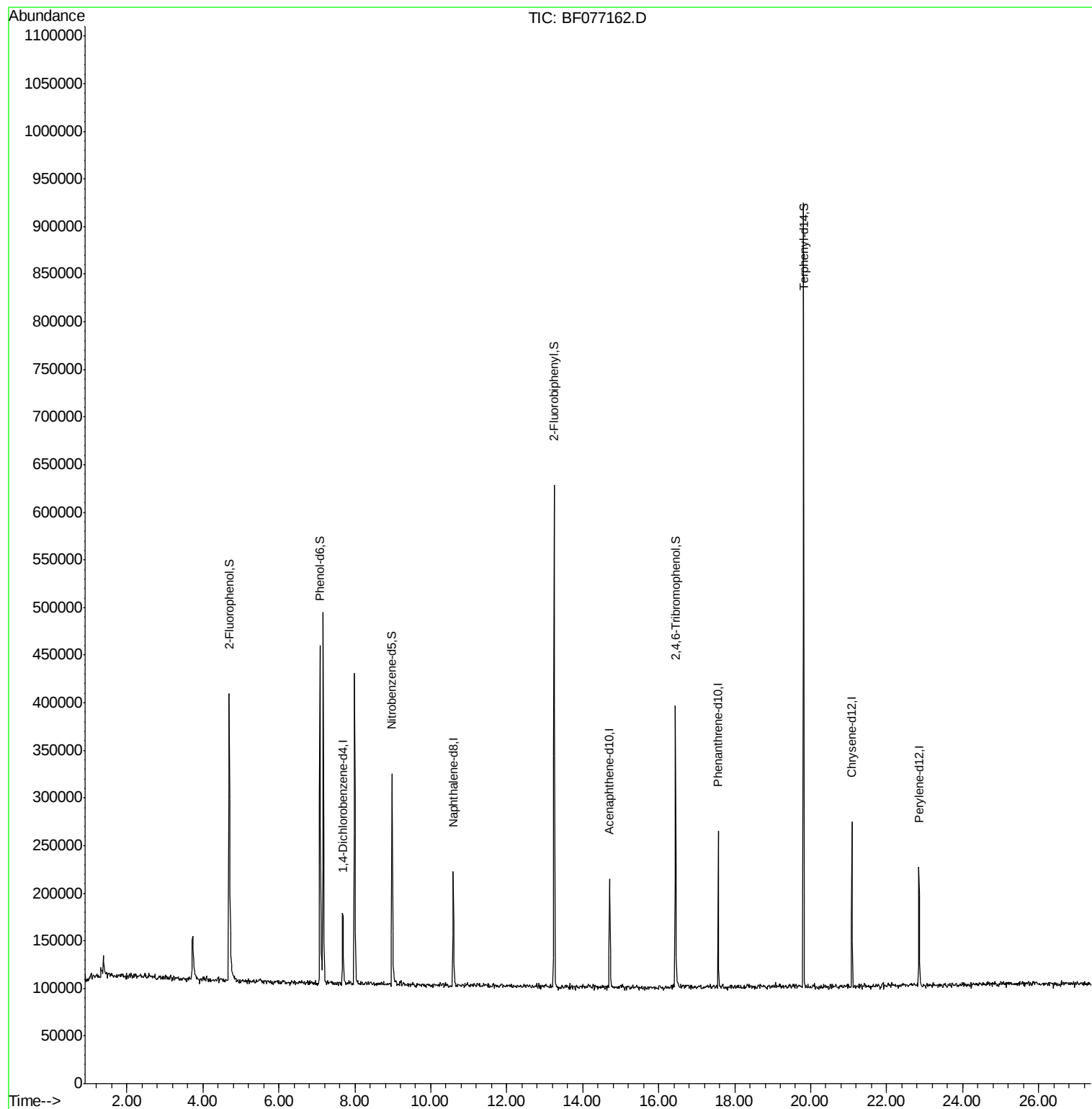
Target Compounds Qvalue

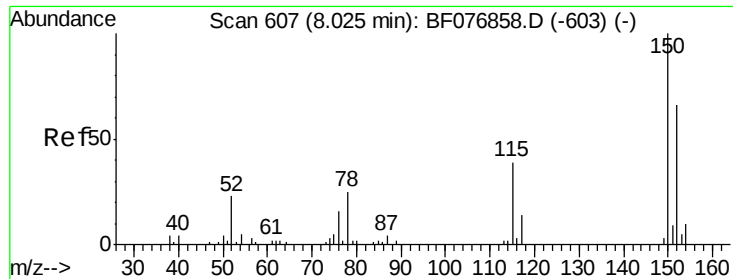
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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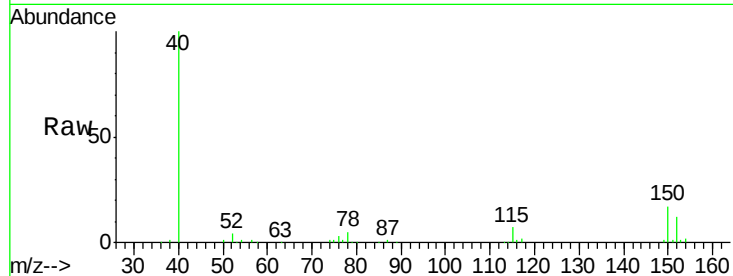


#1

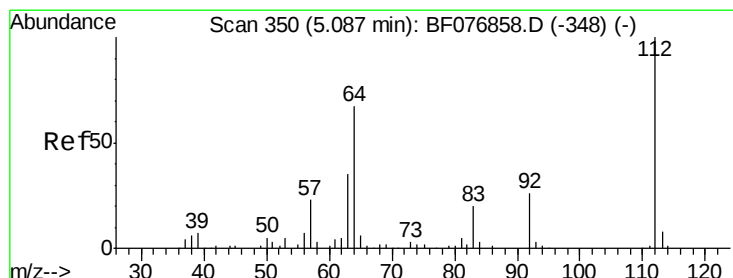
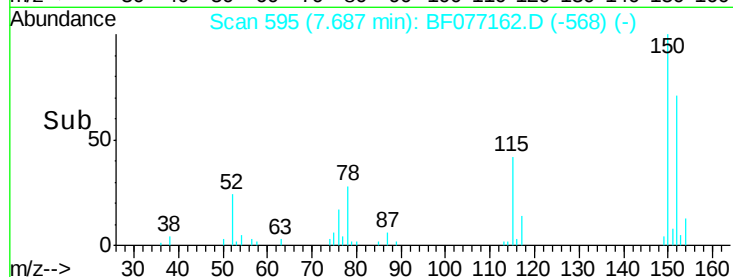
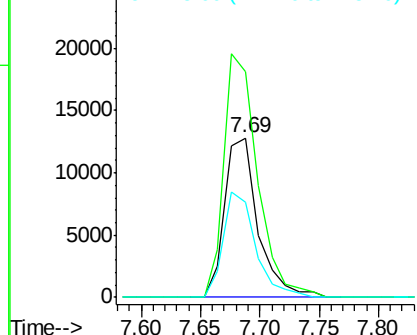
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Instrument :
BNA_F
ClientSampleId :
PB81581BL

Tot Ion:152 Resp: 25013
Ion Ratio Lower Upper
152 100
150 141.5 121.7 182.5
115 59.9 47.0 70.6



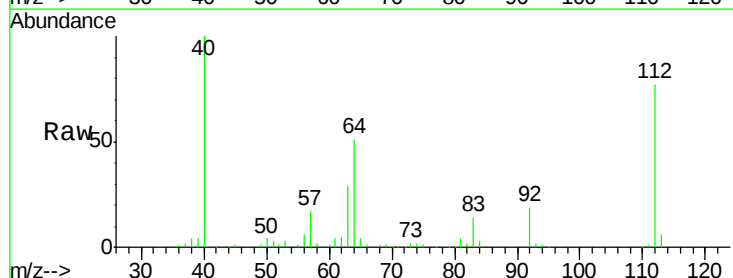
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



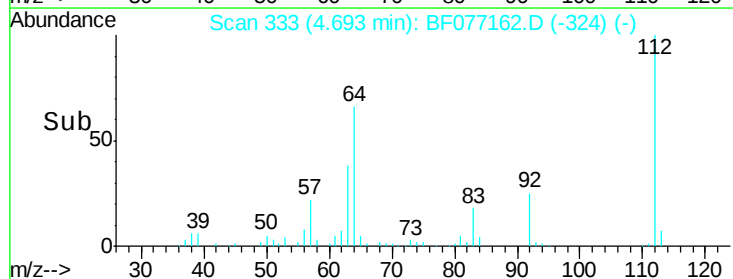
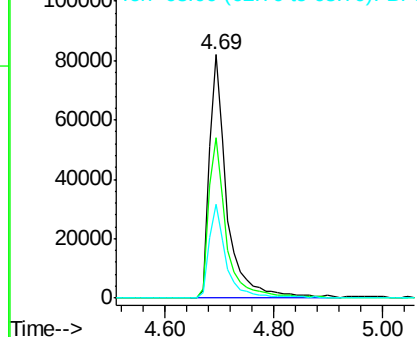
#5

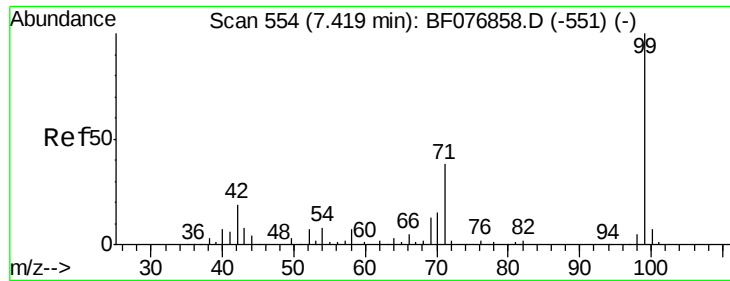
2-Fluorophenol
Concen: 120.64 ng
RT: 4.69 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Tgt Ion:112 Resp: 183534
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 38.3 28.4 42.6



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: 119.72 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Instrument :

BNA_F

ClientSampleId :

PB81581BL

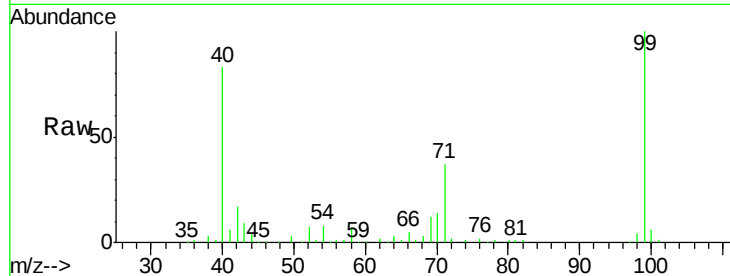
Tot Ion: 99 Resp: 229759

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.4

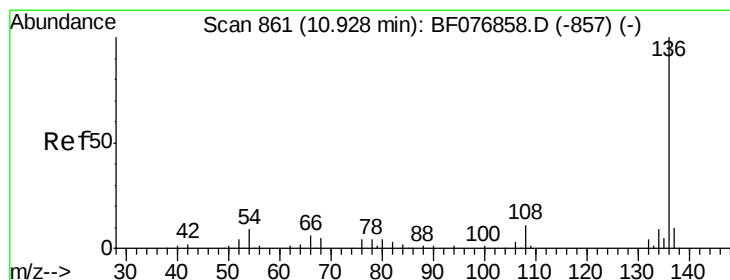
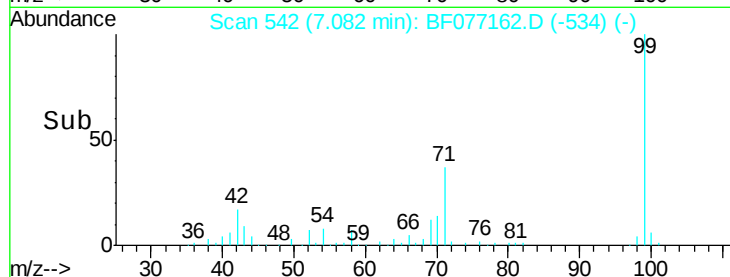
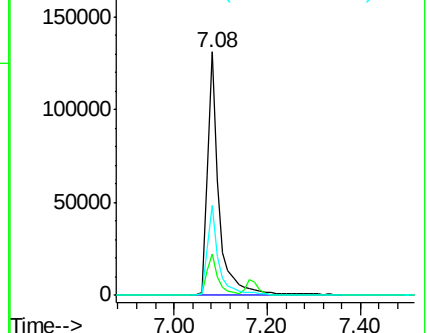
71 36.9 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Tgt Ion: 136 Resp: 98096

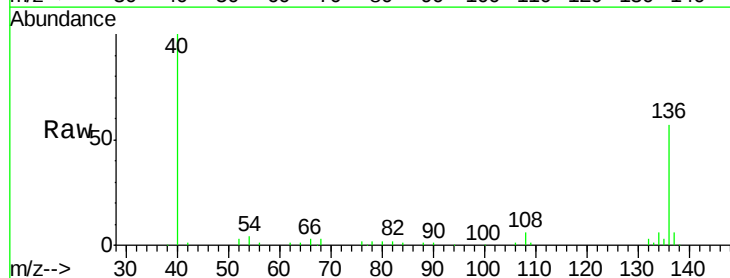
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 7.5 7.0 10.4

68 4.7 3.7 5.5

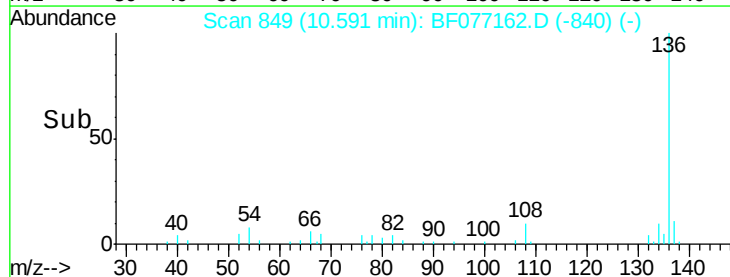
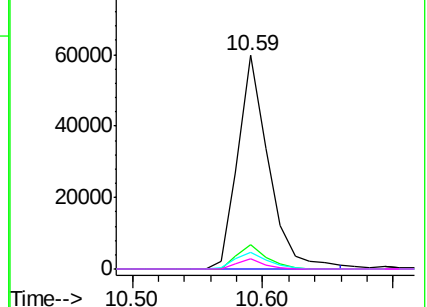


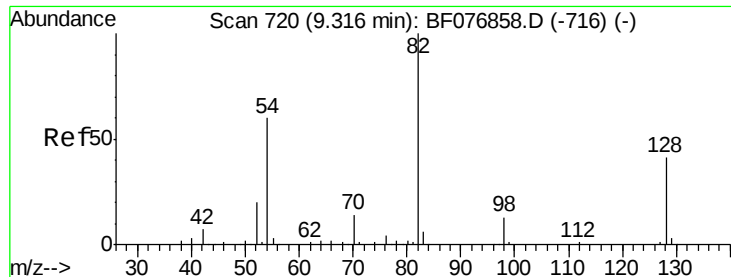
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.61 ng

RT: 8.98 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Instrument :

BNA_F

ClientSampleId :

PB81581BL

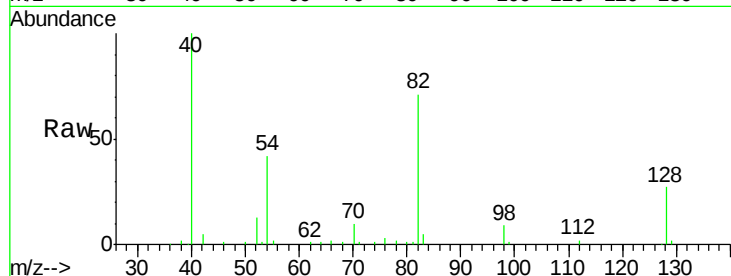
Tot Ion: 82 Resp: 133886

Ion Ratio Lower Upper

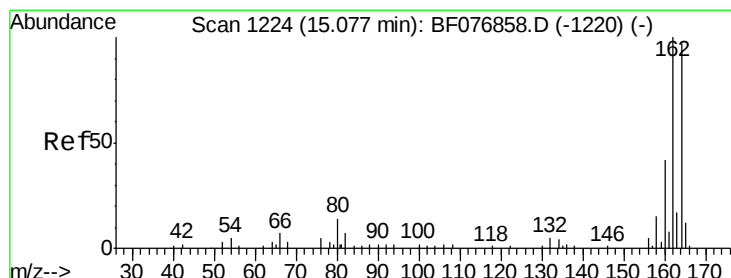
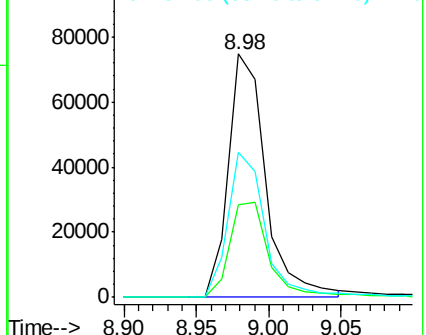
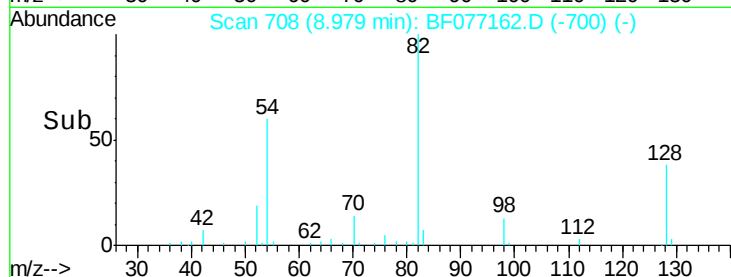
82 100

128 38.2 33.1 49.7

54 59.8 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF077162.D (-700) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

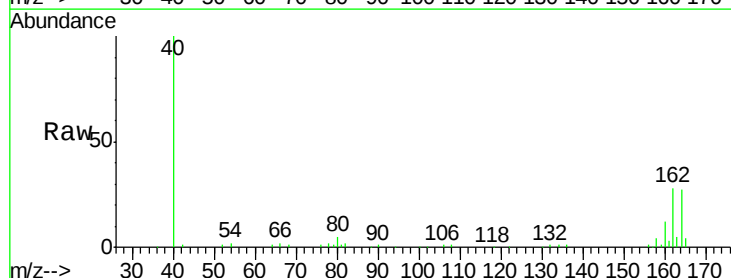
Tgt Ion: 164 Resp: 46980

Ion Ratio Lower Upper

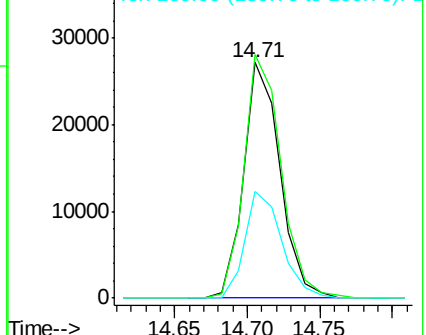
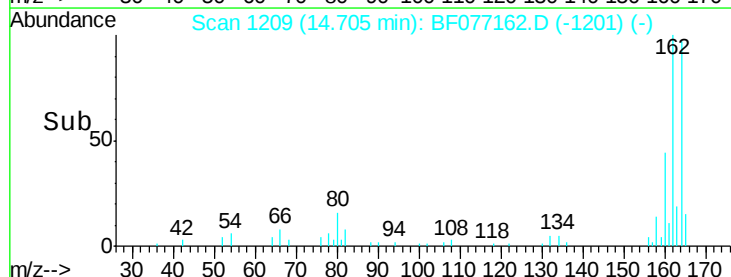
164 100

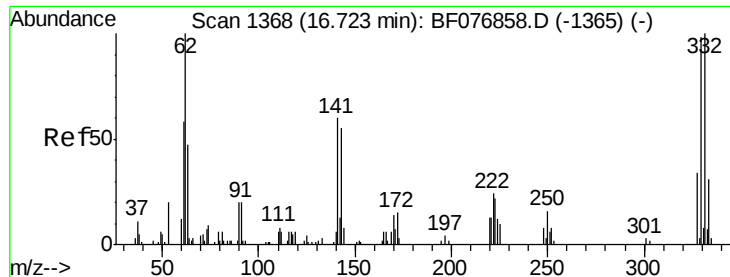
162 103.4 82.4 123.6

160 45.0 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BF077162.D (-1201) (-)

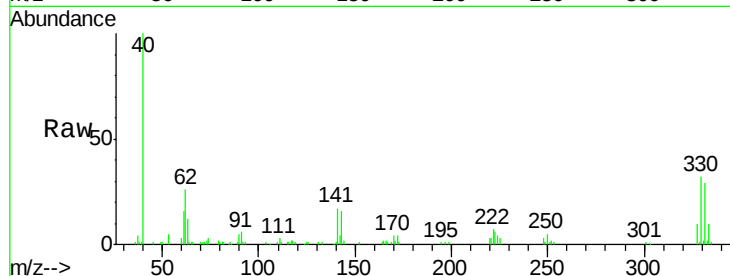




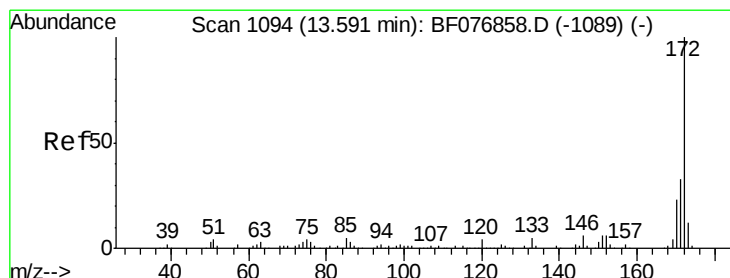
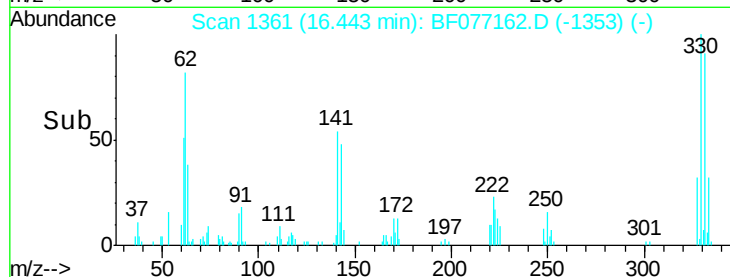
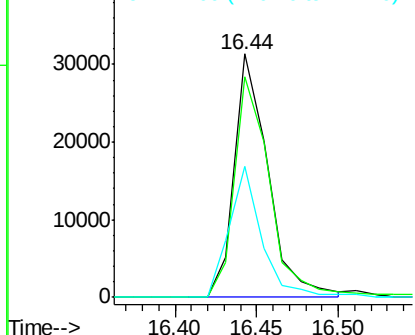
#41
2,4,6-Tribromophenol
Concen: 117.94 ng
RT: 16.44 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Instrument :
BNA_F
ClientSampleId :
PB81581BL

Tot Ion:330 Resp: 44976
Ion Ratio Lower Upper
330 100
332 93.6 77.8 116.6
141 51.9 38.5 57.7

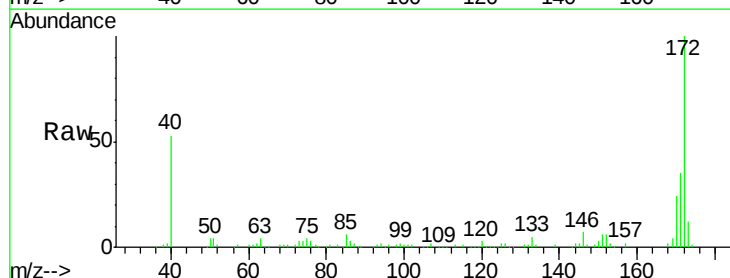


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

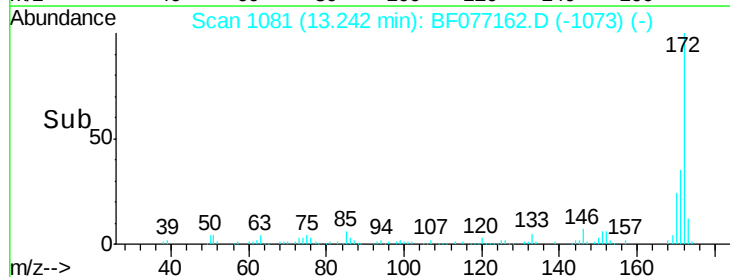
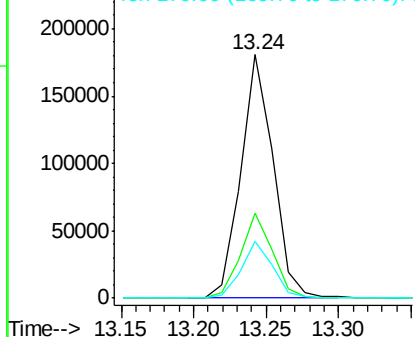


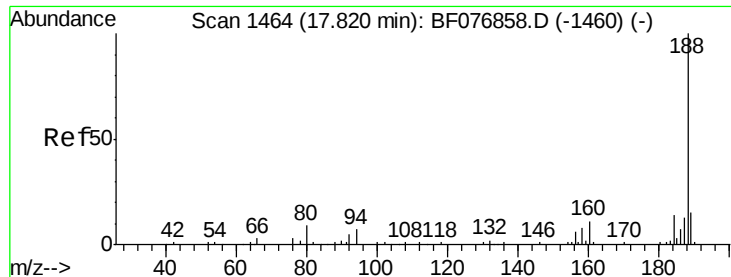
#44
2-Fluorobiphenyl
Concen: 90.52 ng
RT: 13.24 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Tgt Ion:172 Resp: 279443
Ion Ratio Lower Upper
172 100
171 34.7 26.6 40.0
170 23.5 18.0 27.0



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

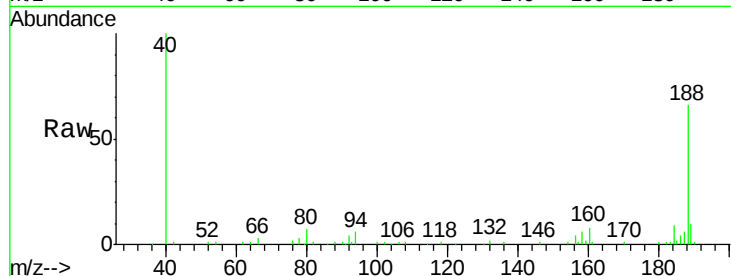




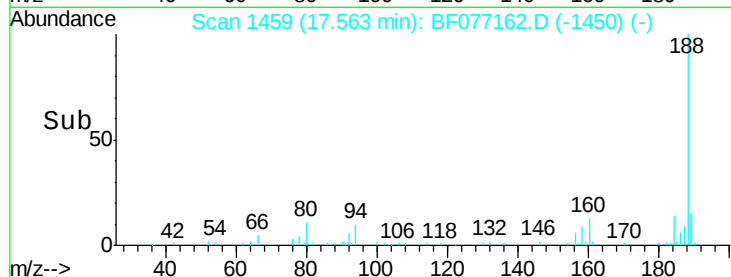
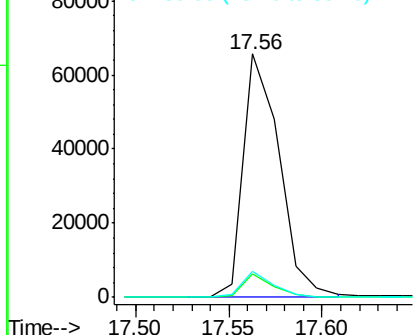
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Instrument :
BNA_F
ClientSampleId :
PB81581BL

Tot Ion:188 Resp: 88513
Ion Ratio Lower Upper
188 100
94 9.6 6.0 9.0#
80 10.8 6.9 10.3#

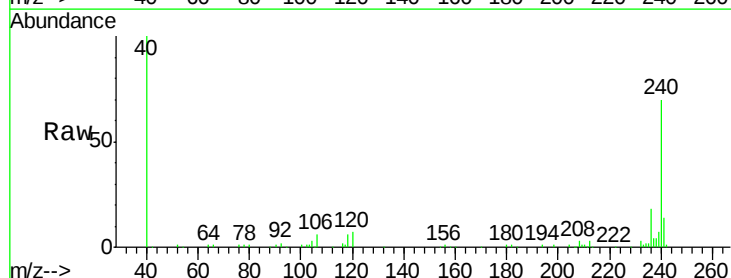


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

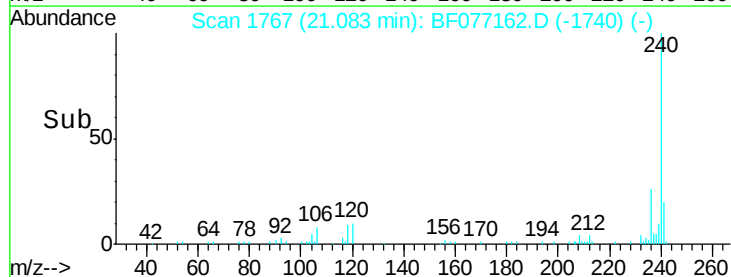
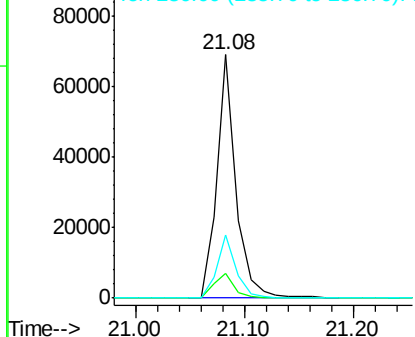


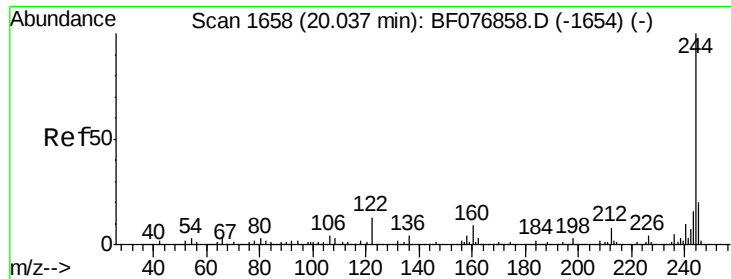
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.08 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Tgt Ion:240 Resp: 84522
Ion Ratio Lower Upper
240 100
120 10.2 10.4 15.6#
236 25.9 20.2 30.2



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: 86.32 ng

RT: 19.81 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Instrument :

BNA_F

ClientSampleId :

PB81581BL

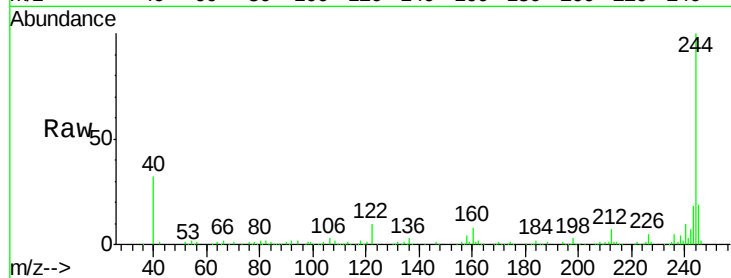
Tot Ion:244 Resp: 316927

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

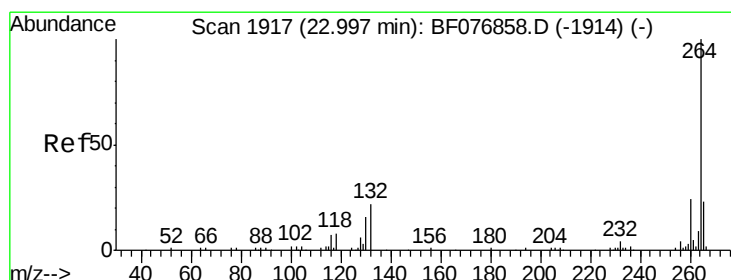
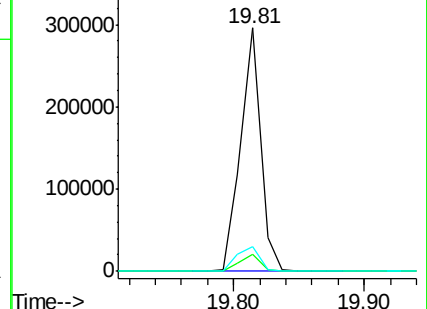
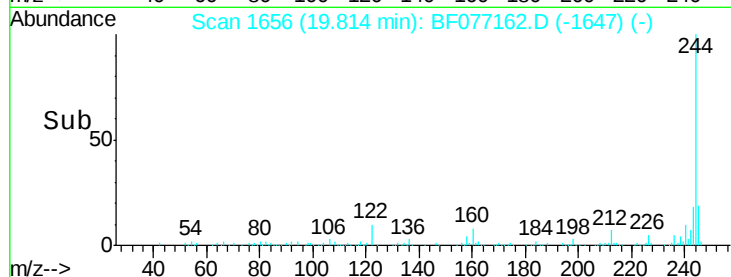
122 9.9 10.1 15.1#



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: 22.84 min Scan# 1921

Delta R.T. 0.13 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

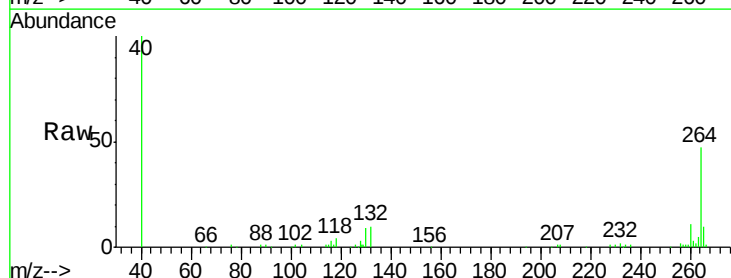
Tgt Ion:264 Resp: 76529

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.1 18.1 27.1



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

