

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076784.D
 Acq On : 8 Jan 2015 19:48
 Operator : IZ / TP
 Sample : PB81246BL
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81246BL

Quant Time: Jan 09 01:29:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 09:08:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34724	20.00	ng	-0.01
21) Naphthalene-d8	11.04	136	148408	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	81670	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	151993	20.00	ng	-0.01
75) Chrysene-d12	21.39	240	136830	20.00	ng	-0.01
86) Perylene-d12	23.12	264	125422	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	226572	110.62	ng	-0.01
7) Phenol-d6	7.51	99	286292	114.44	ng	-0.01
23) Nitrobenzene-d5	9.42	82	253396	101.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.81	330	71919	104.19	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	542138	103.30	ng	-0.01
78) Terphenyl-d14	20.12	244	662027	106.72	ng	0.00

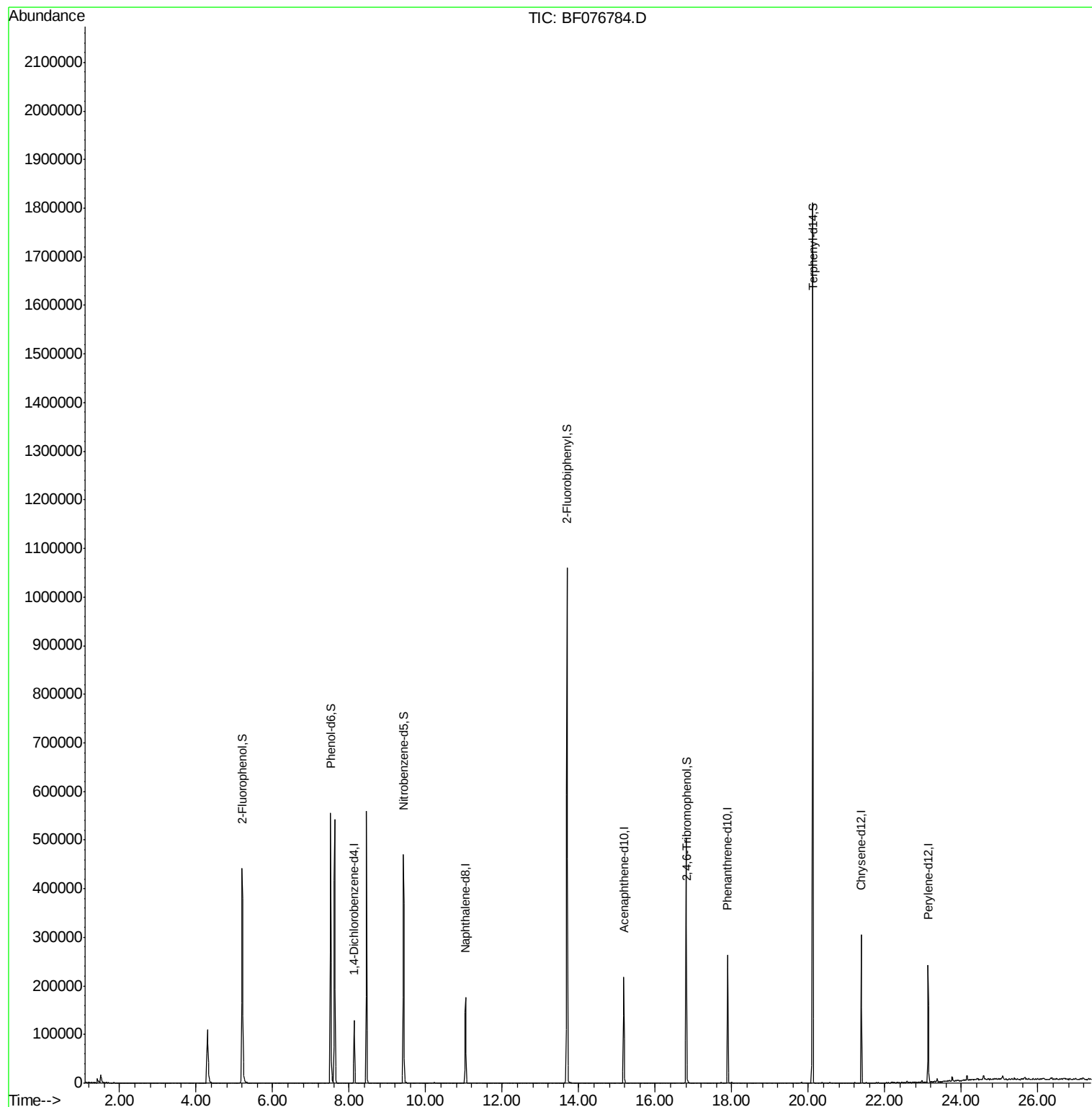
Target Compounds	Qvalue
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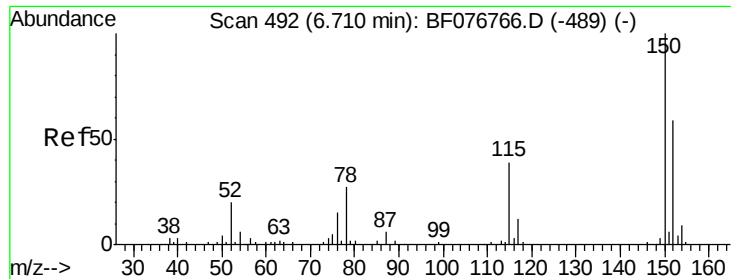
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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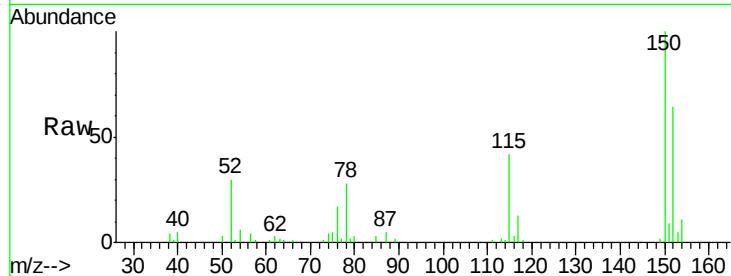


#1

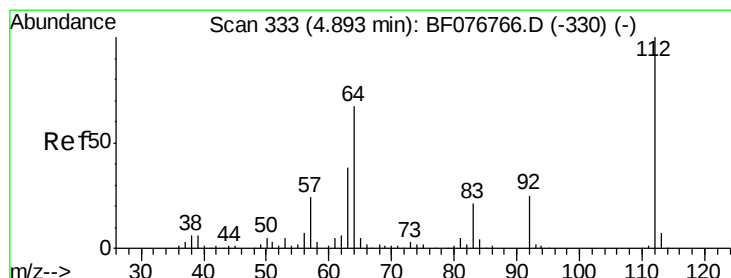
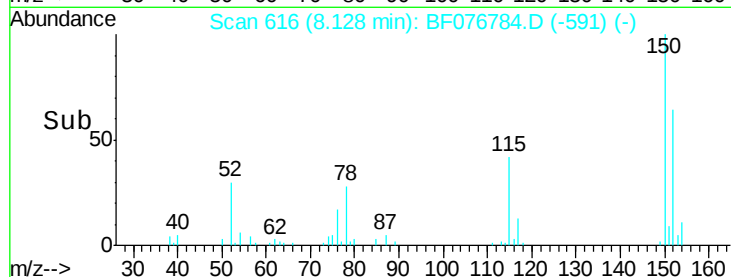
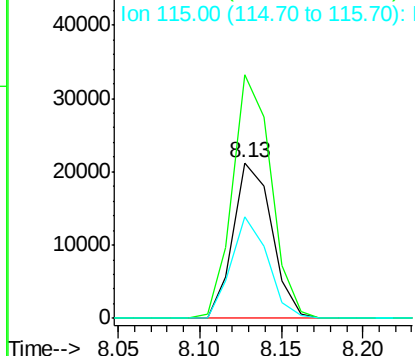
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF076784.D
Acq: 8 Jan 2015 19:48

Instrument :
BNA_F
ClientSampleId :
PB81246BL

Tgt Ion:152 Resp: 34724
Ion Ratio Lower Upper
152 100
150 156.1 125.2 187.8
115 65.5 51.4 77.0



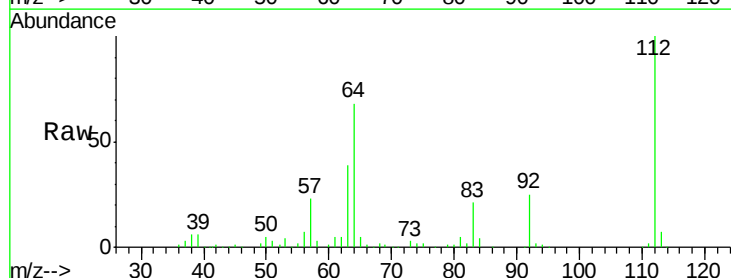
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



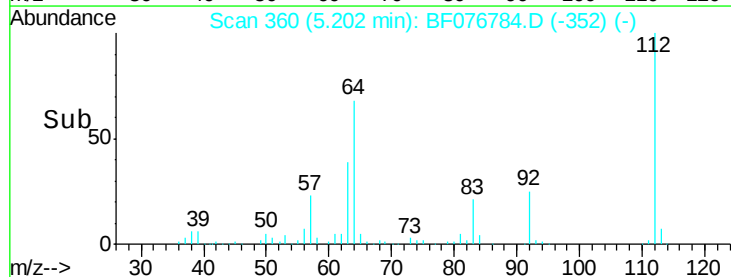
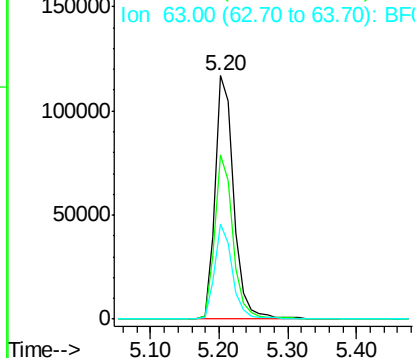
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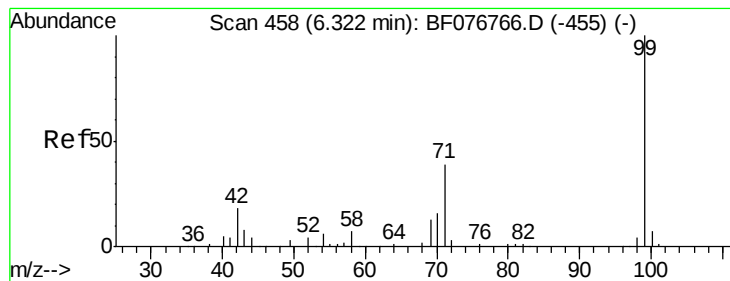
2-Fluorophenol
Concen: 110.62 ng
RT: 5.20 min Scan# 360
Delta R.T. -0.01 min
Lab File: BF076784.D
Acq: 8 Jan 2015 19:48

Tgt Ion:112 Resp: 226572
Ion Ratio Lower Upper
112 100
64 67.6 47.4 71.0
63 39.1 25.0 37.4#



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: 114.44 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076784.D

Acq: 8 Jan 2015 19:48

Instrument :

BNA_F

ClientSampleId :

PB81246BL

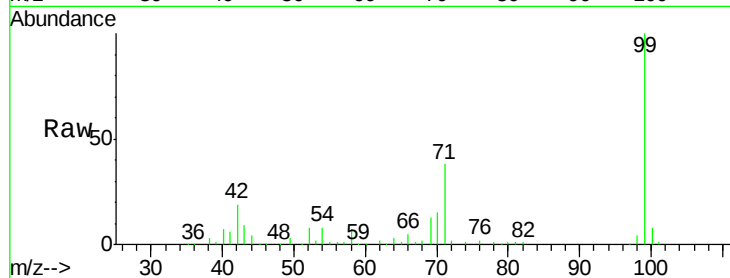
Tgt Ion: 99 Resp: 286292

Ion Ratio Lower Upper

99 100

42 19.3 11.6 17.4#

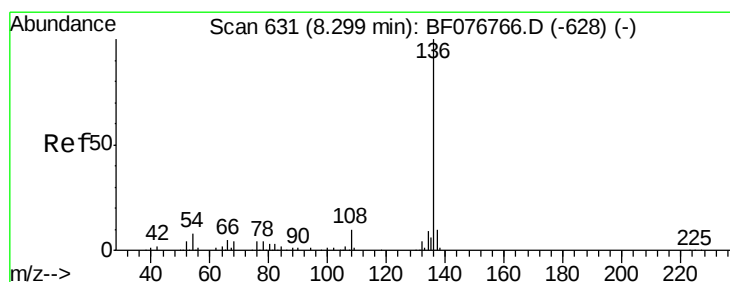
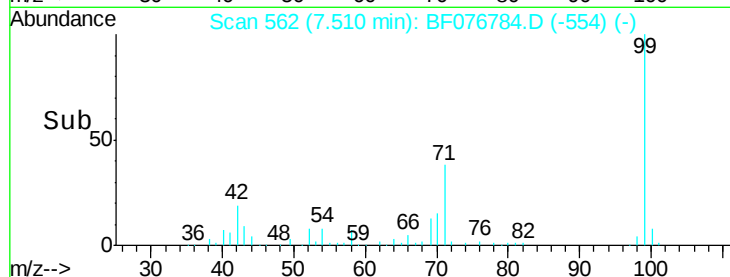
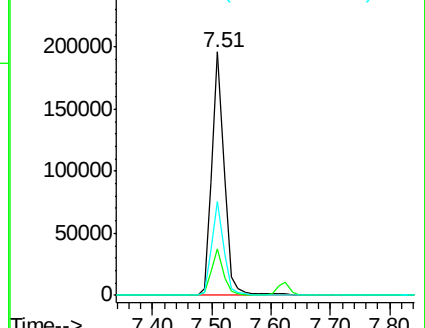
71 38.4 25.9 38.9



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: 11.04 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF076784.D

Acq: 8 Jan 2015 19:48

Tgt Ion: 136 Resp: 148408

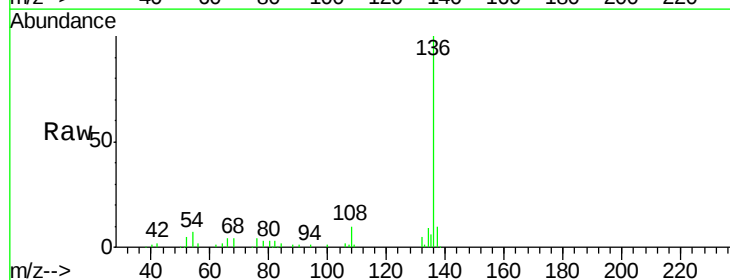
Ion Ratio Lower Upper

136 100

137 10.1 8.4 12.6

54 7.2 7.8 11.6#

68 4.1 3.4 5.2

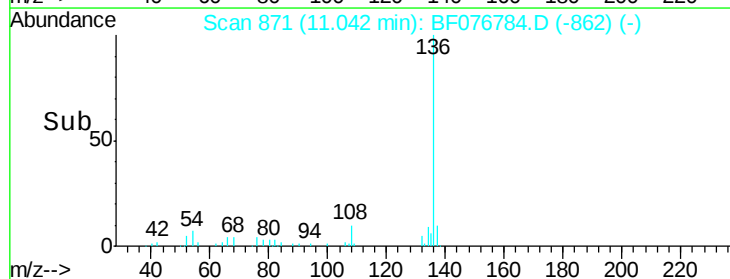
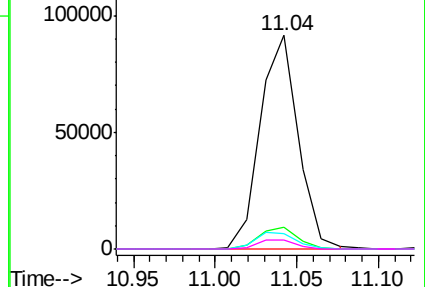


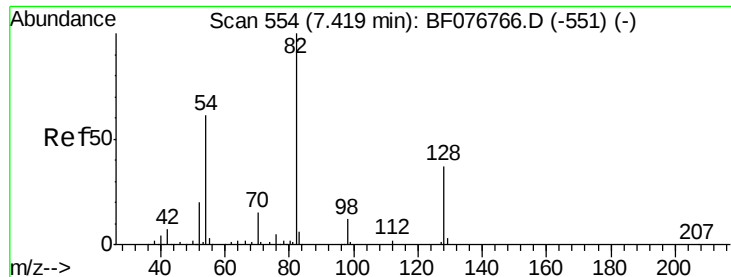
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.54 ng

RT: 9.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF076784.D

Acq: 8 Jan 2015 19:48

Instrument :

BNA_F

ClientSampleId :

PB81246BL

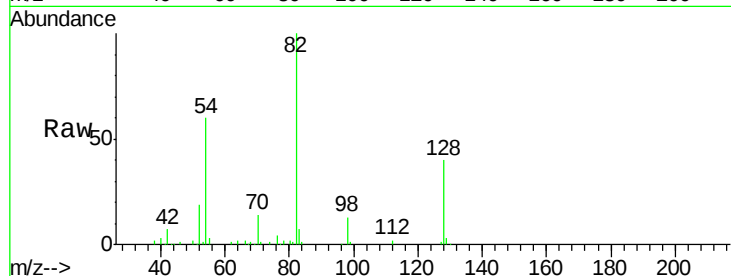
Tgt Ion: 82 Resp: 253396

Ion Ratio Lower Upper

82 100

128 40.2 31.9 47.9

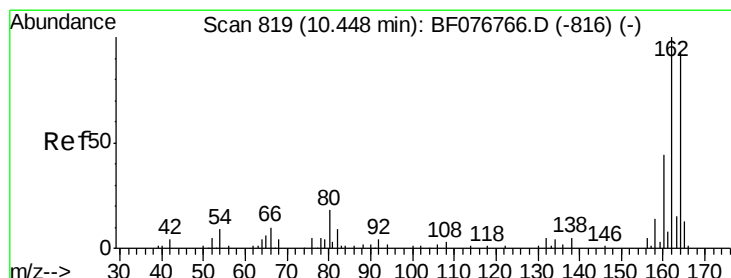
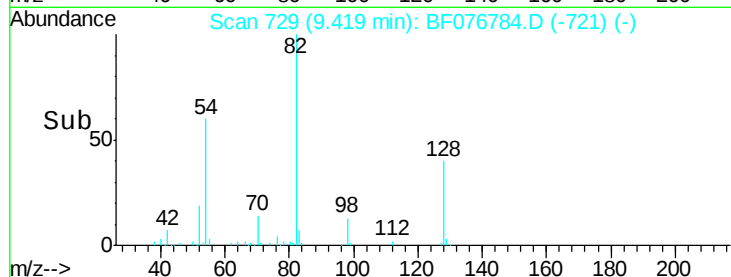
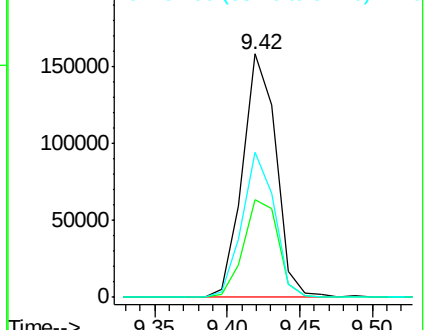
54 59.6 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.18 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF076784.D

Acq: 8 Jan 2015 19:48

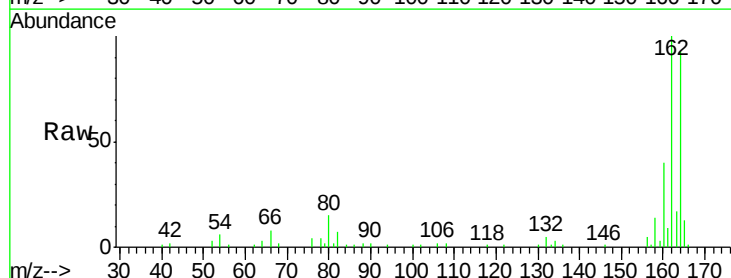
Tgt Ion: 164 Resp: 81670

Ion Ratio Lower Upper

164 100

162 107.6 84.2 126.2

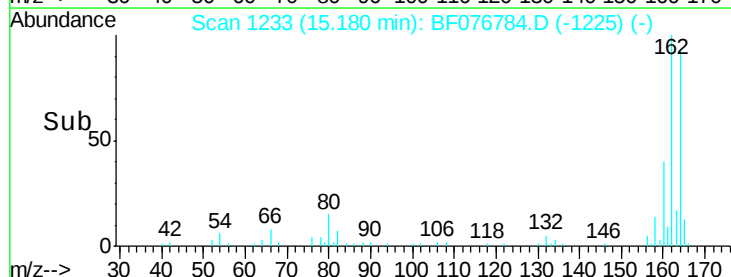
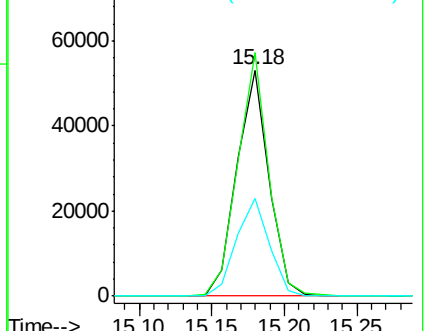
160 43.3 35.5 53.3

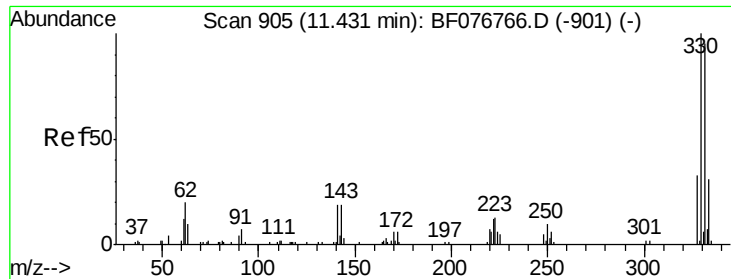


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

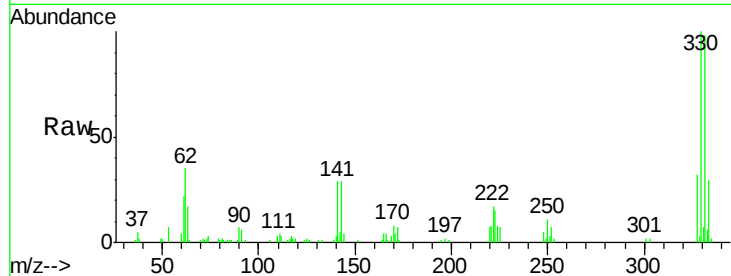




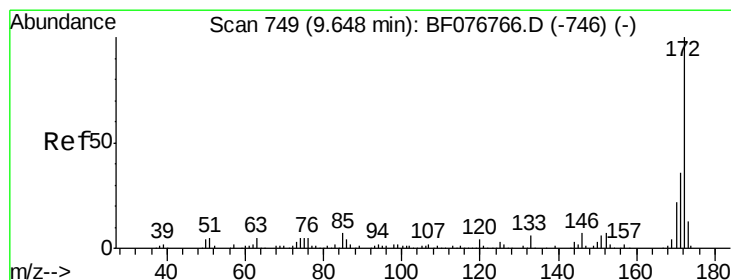
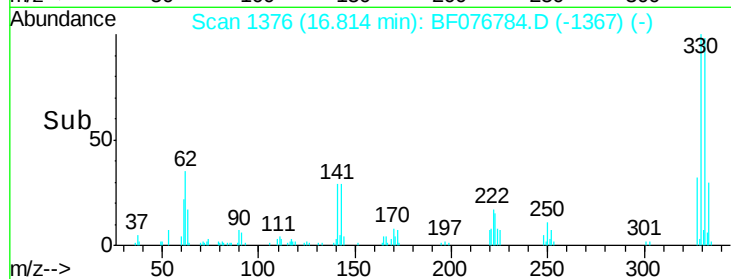
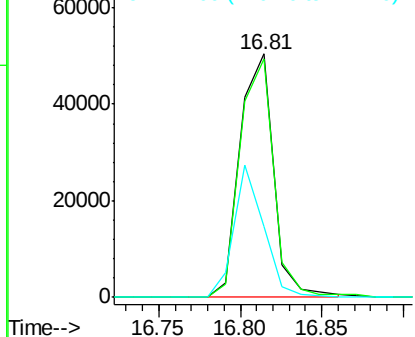
#41
 2,4,6-Tribromophenol
 Concen: 104.19 ng
 RT: 16.81 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF076784.D
 Acq: 8 Jan 2015 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB81246BL

Tgt Ion:330 Resp: 71919
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 48.0 0.0 0.0#

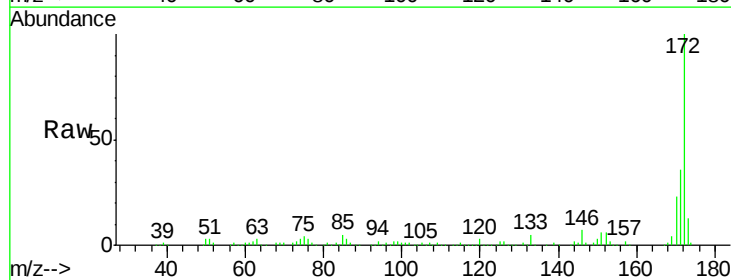


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

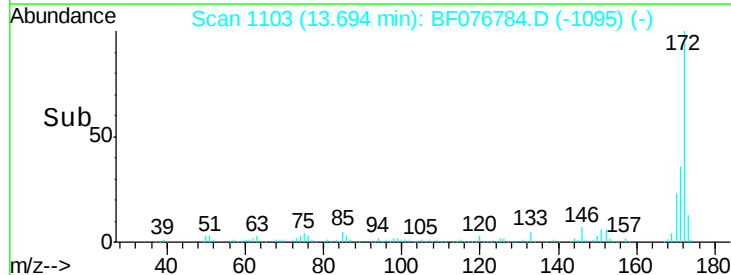
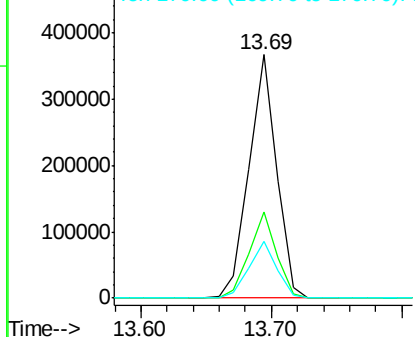


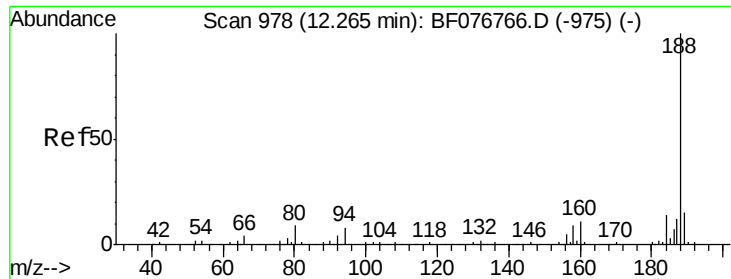
#44
 2-Fluorobiphenyl
 Concen: 103.30 ng
 RT: 13.69 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF076784.D
 Acq: 8 Jan 2015 19:48

Tgt Ion:172 Resp: 542138
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.8 41.8
 170 23.3 19.0 28.4



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

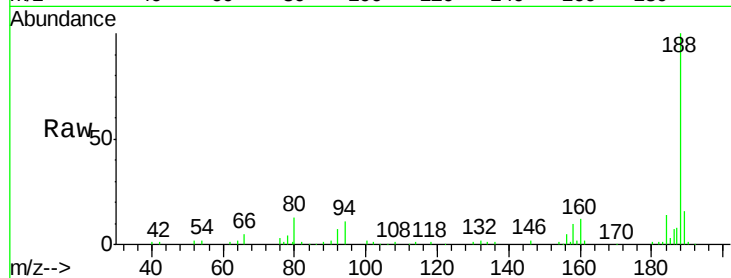




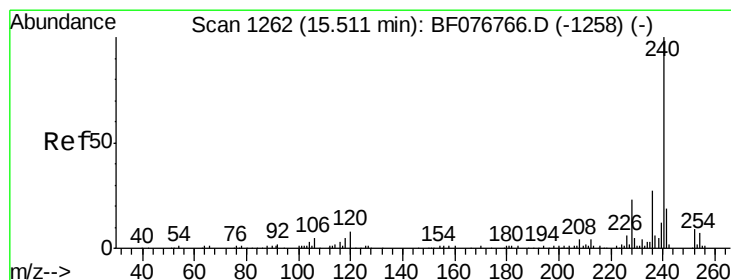
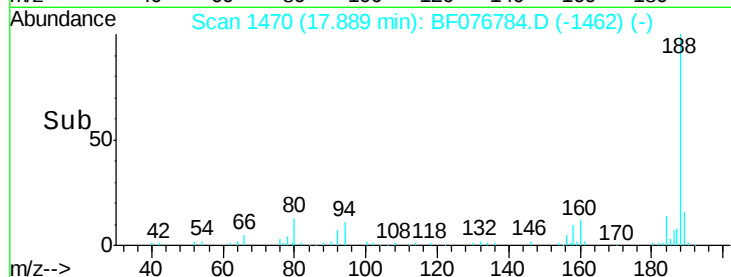
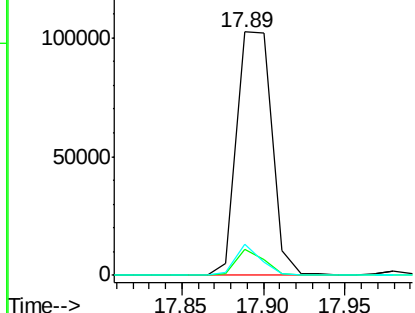
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF076784.D
Acq: 8 Jan 2015 19:48

Instrument :
BNA_F
ClientSampleId :
PB81246BL

Tgt Ion:188 Resp: 151993
Ion Ratio Lower Upper
188 100
94 10.8 7.9 11.9
80 12.7 8.2 12.2#

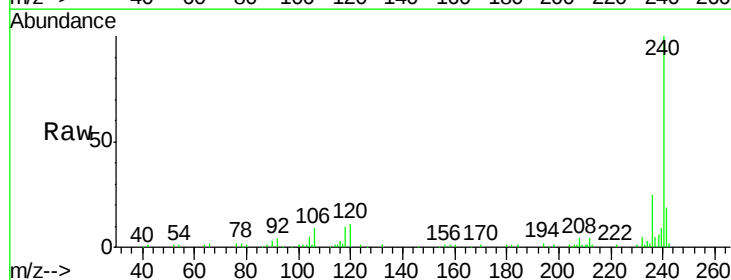


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

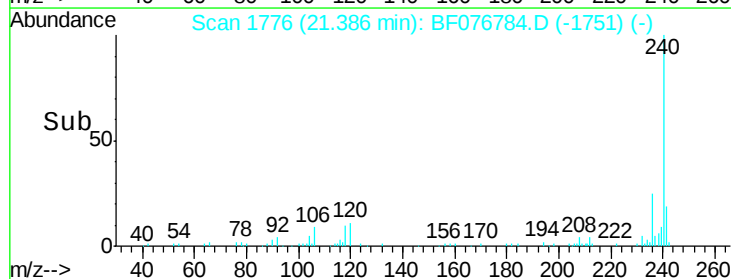
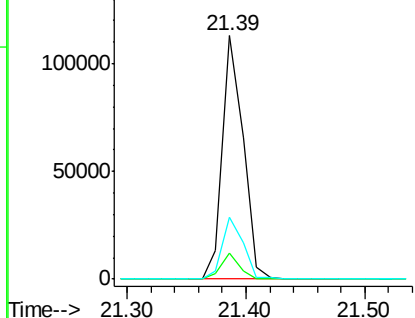


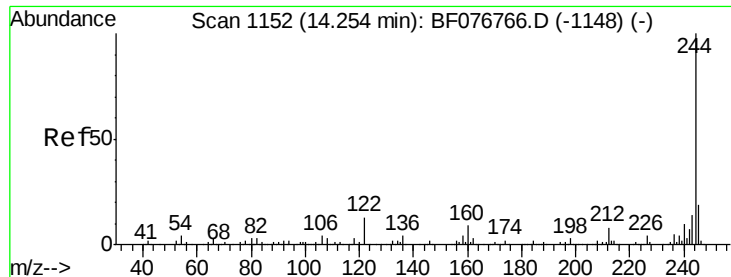
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF076784.D
Acq: 8 Jan 2015 19:48

Tgt Ion:240 Resp: 136830
Ion Ratio Lower Upper
240 100
120 10.6 8.0 12.0
236 25.2 20.6 30.8



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

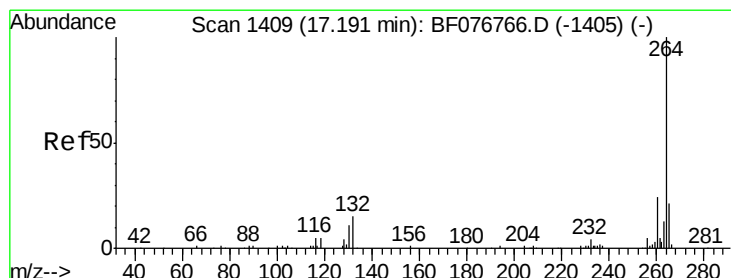
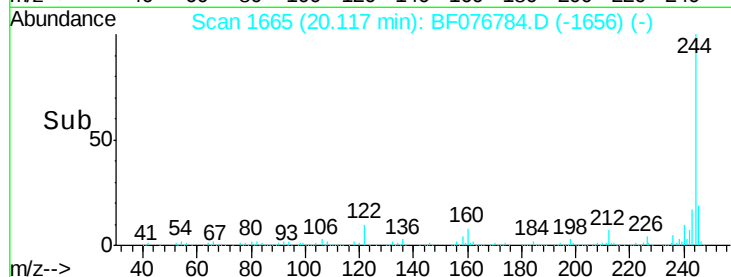
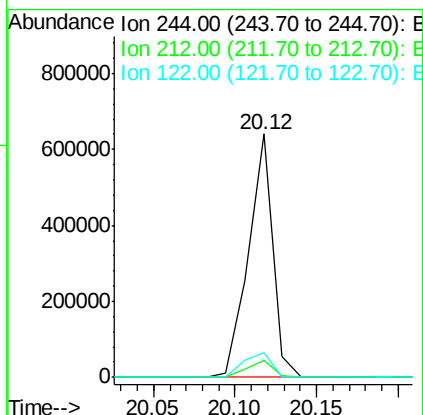
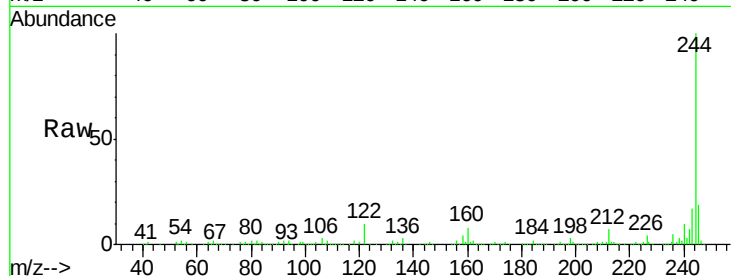




#78
 Terphenyl-d14
 Concen: 106.72 ng
 RT: 20.12 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF076784.D
 Acq: 8 Jan 2015 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB81246BL

Tgt Ion:244 Resp: 662027
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.9 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.12 min Scan# 1928
 Delta R.T. 0.01 min
 Lab File: BF076784.D
 Acq: 8 Jan 2015 19:48

Tgt Ion:264 Resp: 125422
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.0 18.1 27.1

