

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
 Data File : BF077185.D
 Acq On : 5 Feb 2015 15:23
 Operator : TP/IZ
 Sample : PB81602BL
 Misc : W/DOD
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:14:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 23:57:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	29865	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	124745	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	68343	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	122284	20.00	ng	0.00
75) Chrysene-d12	21.07	240	122328	20.00	ng	0.00
86) Perylene-d12	22.72	264	111953	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	182815	100.64	ng	0.00
7) Phenol-d6	7.08	99	224308	97.89	ng	0.00
23) Nitrobenzene-d5	8.99	82	131839	58.55	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	44006	79.32	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	285819	63.64	ng	0.00
78) Terphenyl-d14	19.81	244	339947	63.98	ng	0.00

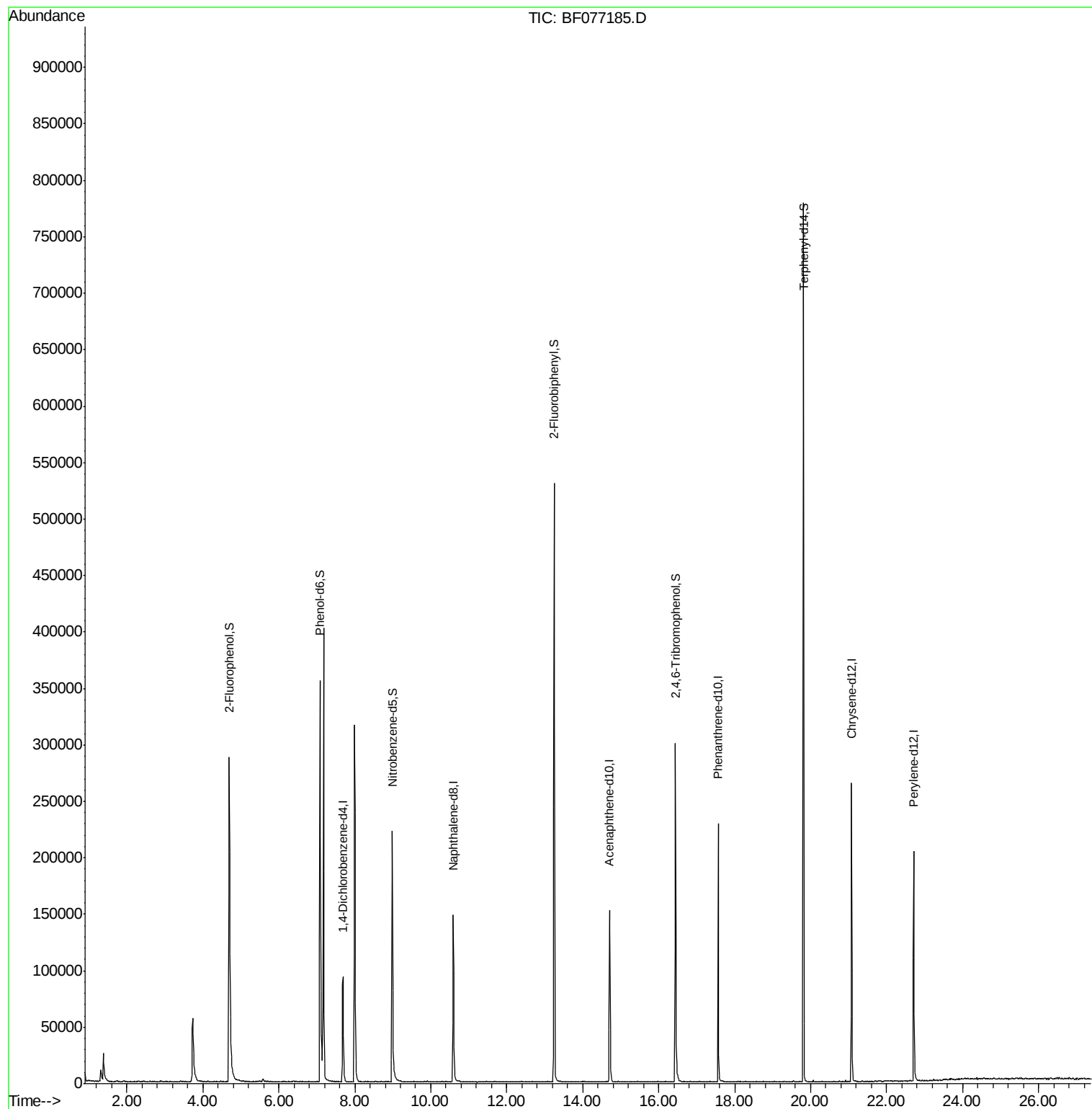
Target Compounds Qvalue

(#) = 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. 0.00 min

Lab File: BF077185.D

Acq: 5 Feb 2015 15:23

Instrument :

BNA_F

ClientSampleId :

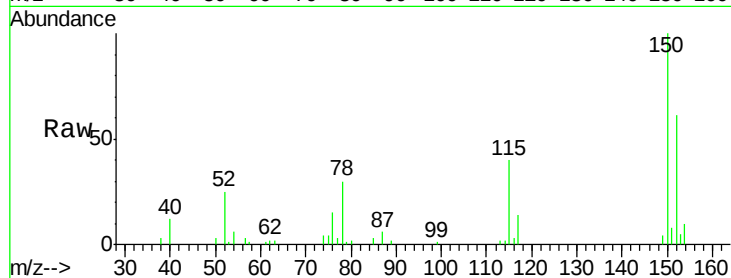
Tot Ion:152 Resp: 29865

Ion Ratio Lower Upper

152 100

150 164.4 121.7 182.5

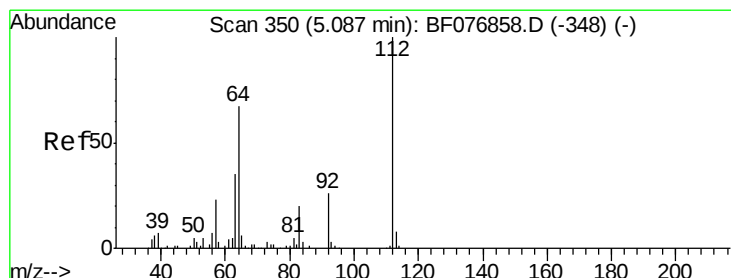
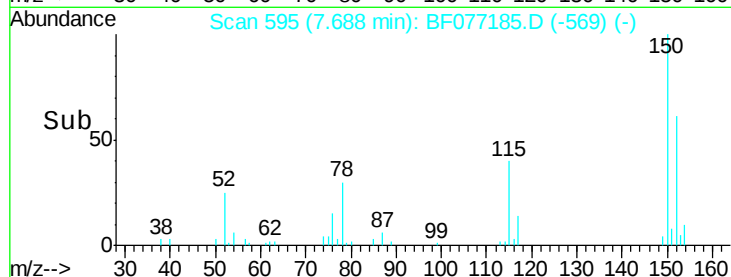
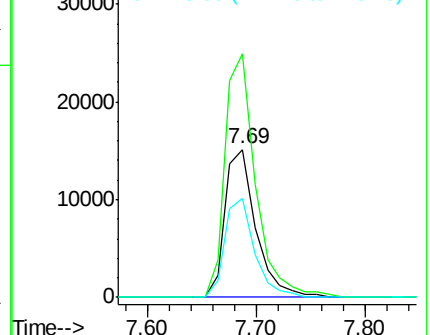
115 66.4 47.0 70.6



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: 100.64 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077185.D

Acq: 5 Feb 2015 15:23

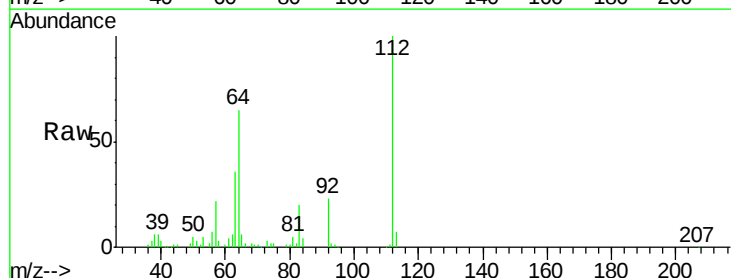
Tgt Ion:112 Resp: 182815

Ion Ratio Lower Upper

112 100

64 64.9 54.2 81.4

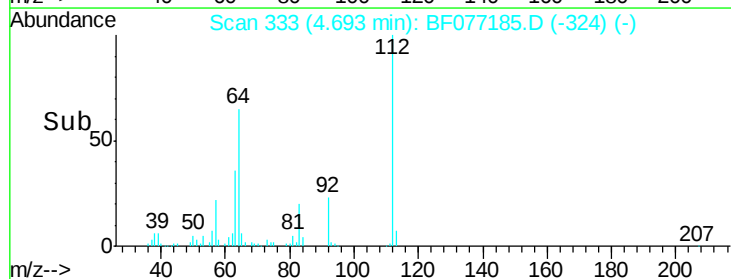
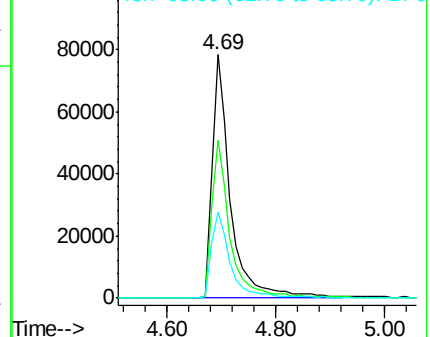
63 35.5 28.4 42.6



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: 97.89 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077185.D

Acq: 5 Feb 2015 15:23

Instrument :

BNA_F

ClientSampleId :

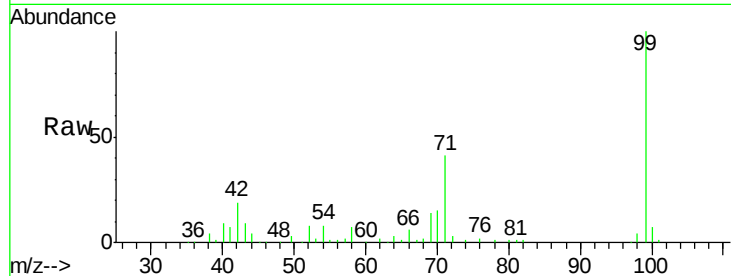
Tot Ion: 99 Resp: 224308

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

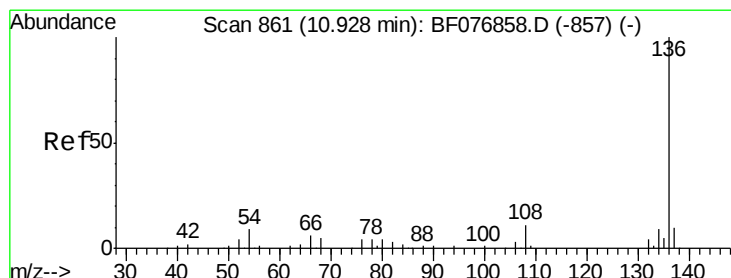
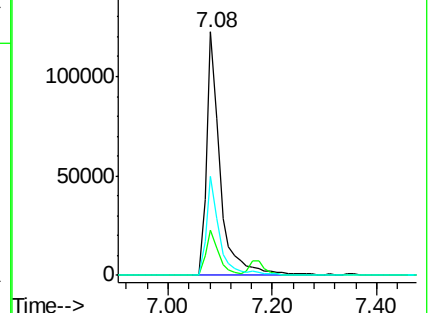
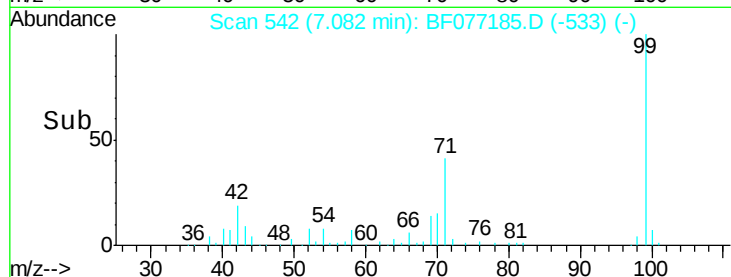
71 40.5 30.5 45.7



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: BF077185.D

Acq: 5 Feb 2015 15:23

Tgt Ion: 136 Resp: 124745

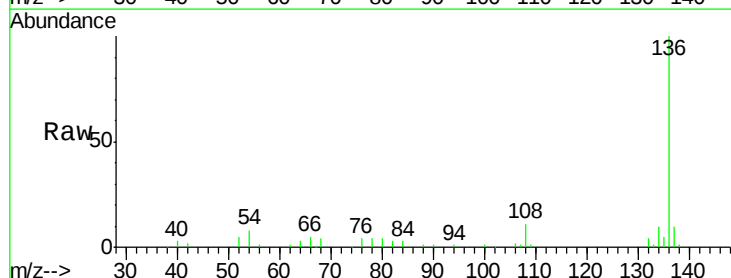
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 8.1 7.0 10.4

68 3.9 3.7 5.5

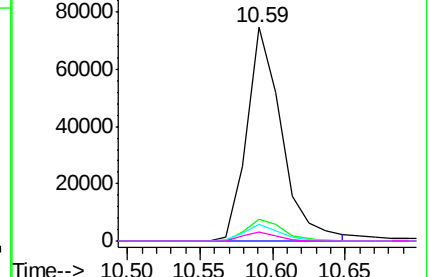
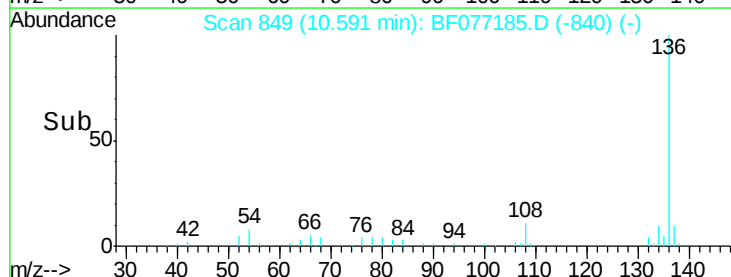


Abundance Ion 136.00 (135.70 to 136.70): E

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

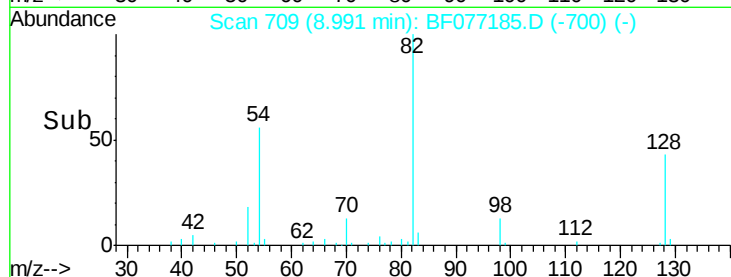
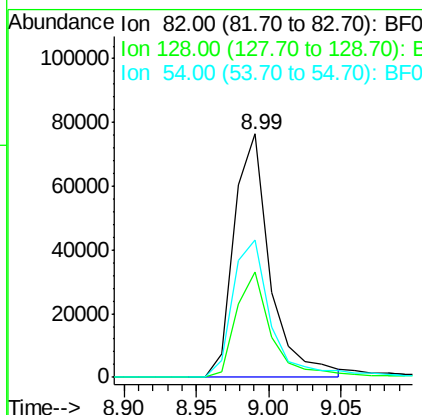
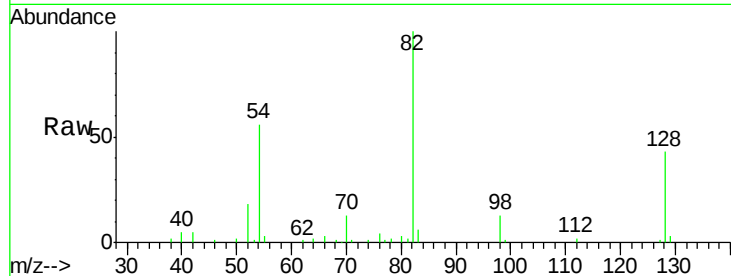




#23
 Nitrobenzene-d5
 Concen: 58.55 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

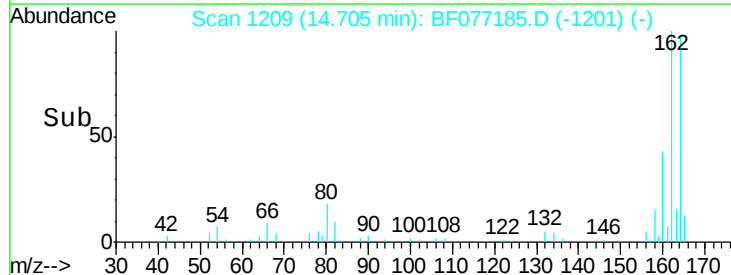
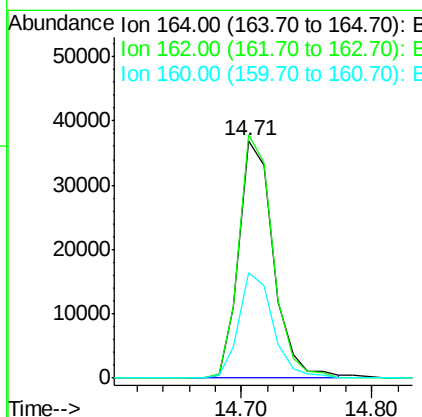
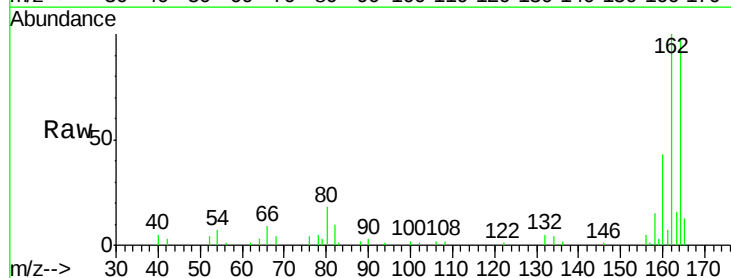
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	131839
Ion Ratio	Lower	Upper	
82	100		
128	43.2	33.1	49.7
54	56.2	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Tgt Ion	164	Resp	68343
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.4	123.6
160	44.2	34.8	52.2

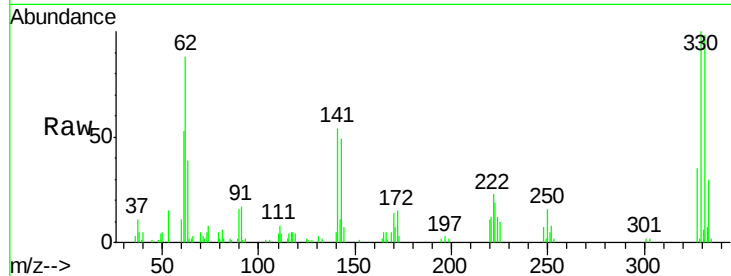




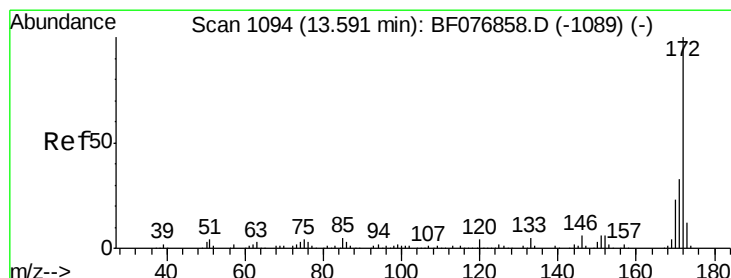
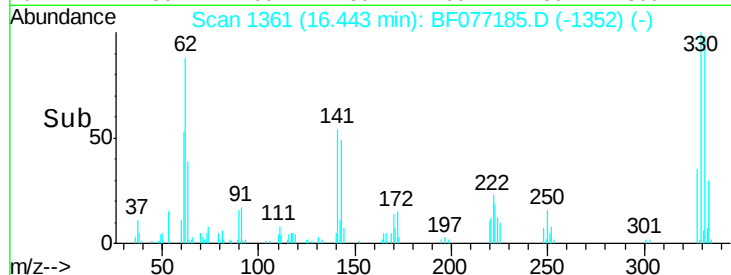
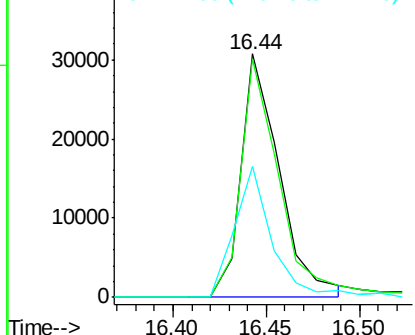
#41
 2,4,6-Tribromophenol
 Concen: 79.32 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 44006
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 51.1 38.5 57.7

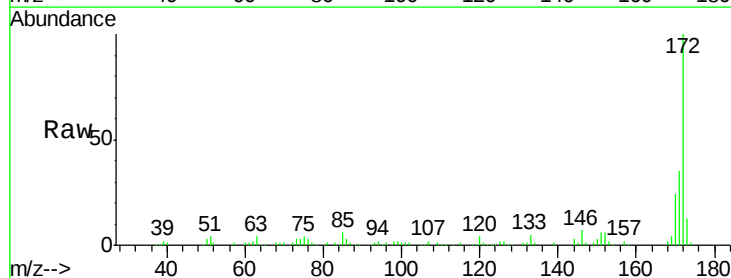


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

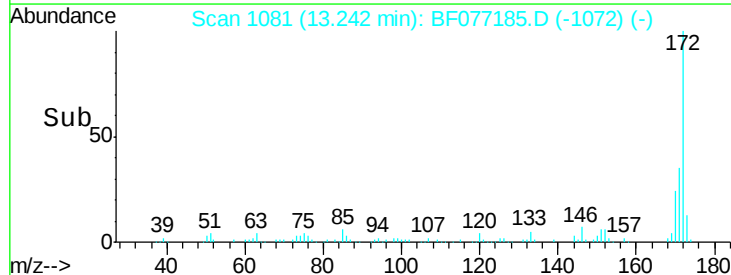
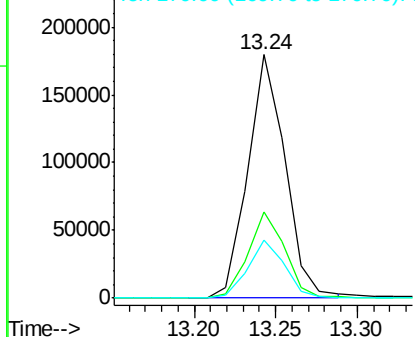


#44
 2-Fluorobiphenyl
 Concen: 63.64 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Tgt Ion:172 Resp: 285819
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.6 40.0
 170 23.7 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

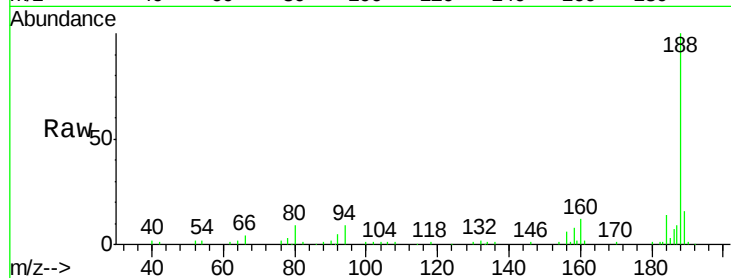




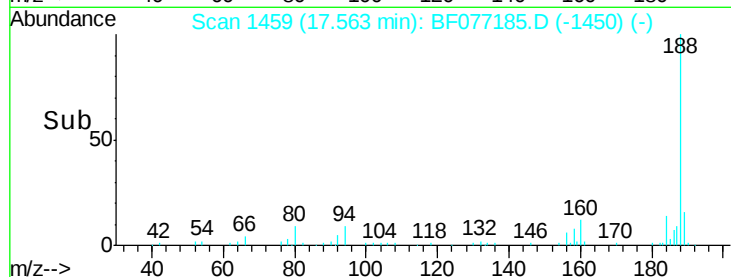
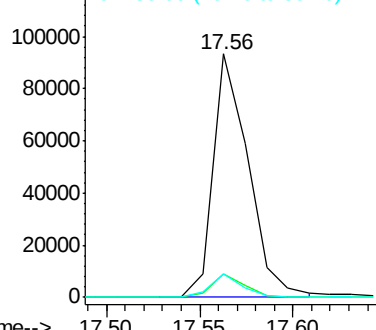
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 122284
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.0 9.0#
 80 9.5 6.9 10.3

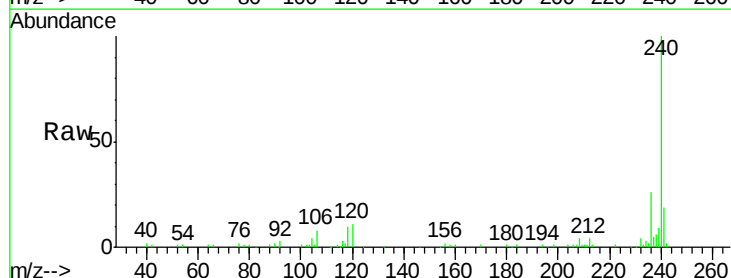


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

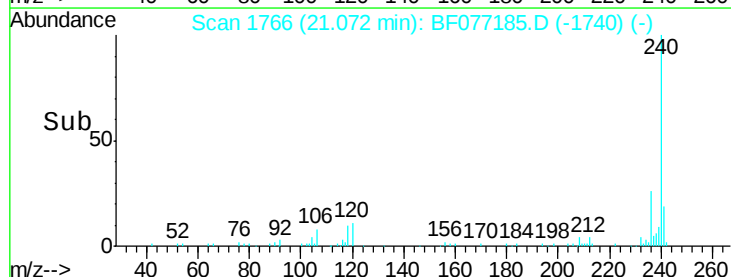
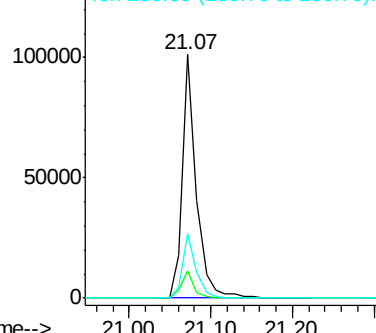


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Tgt Ion:240 Resp: 122328
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.4 15.6
 236 26.3 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

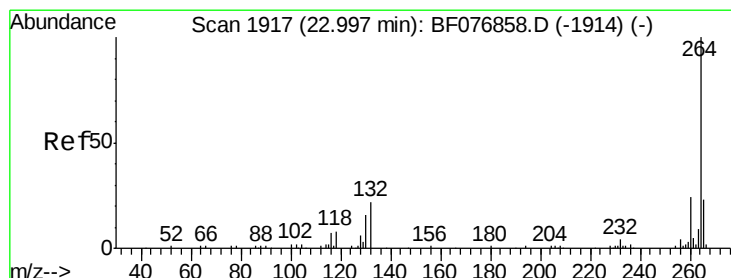
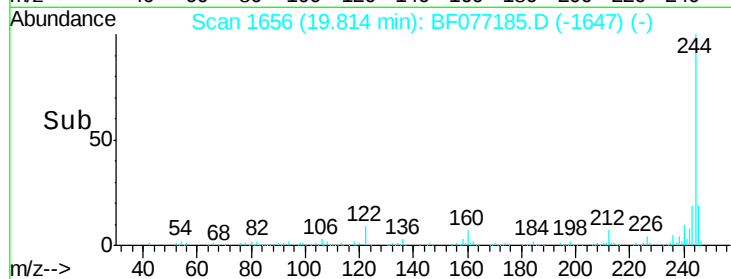
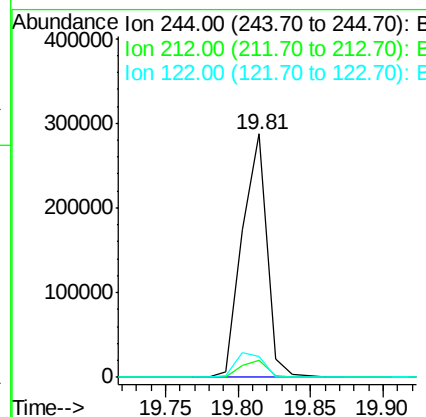
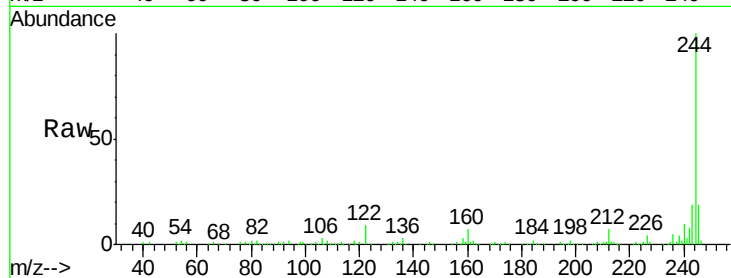




#78
 Terphenyl-d14
 Concen: 63.98 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	8.5	10.1	15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.72 min Scan# 1910
 Delta R.T. -0.03 min
 Lab File: BF077185.D
 Acq: 5 Feb 2015 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	21.2	18.1	27.1

