

Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077181.D
 Acq On : 4 Feb 2015 16:51
 Operator : TP/IZ
 Sample : G1220-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 00:49:05 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 00:32:58 2015
 Response via : Initial Calibration

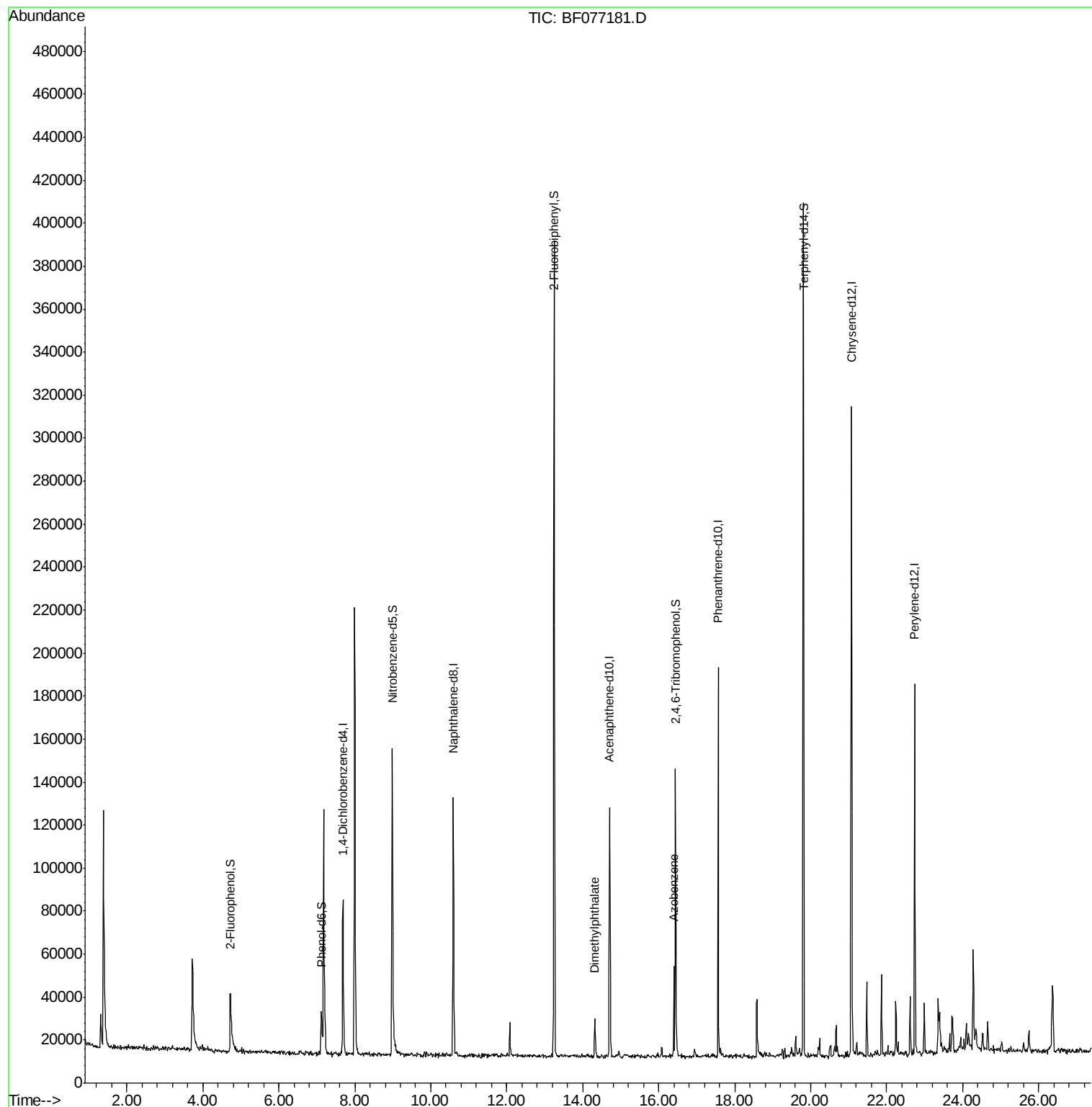
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	23564	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	98395	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	48304	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	89551	20.00	ng	0.00
75) Chrysene-d12	21.07	240	90572	20.00	ng	0.00
86) Perylene-d12	22.74	264	83996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.73	112	29588	20.64	ng	0.03
7) Phenol-d6	7.12	99	23678	13.10	ng	0.03
23) Nitrobenzene-d5	8.99	82	91678	51.62	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	19847	50.62	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	205049	64.60	ng	0.00
78) Terphenyl-d14	19.81	244	194536	49.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	16879	4.93	ng	Qvalue 96
62) Azobenzene	16.40	77	15223	4.22	ng	# 1

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

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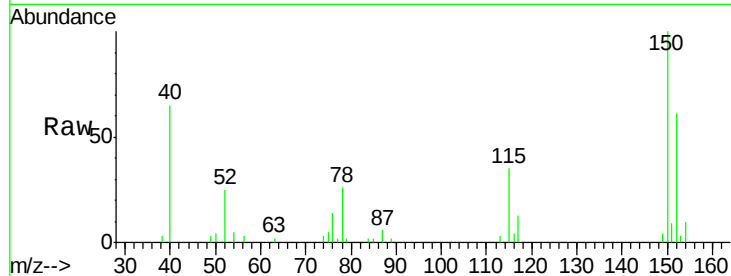


#1

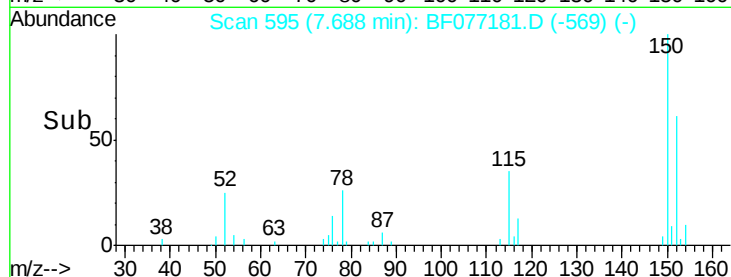
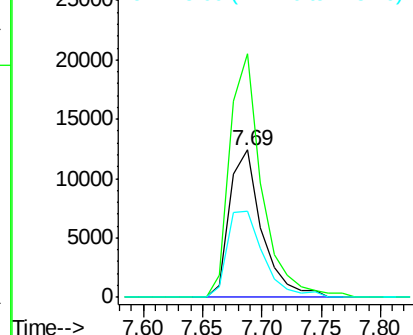
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077181.D
Acq: 4 Feb 2015 16:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 23564
Ion Ratio Lower Upper
152 100
150 165.2 121.7 182.5
115 58.4 47.0 70.6



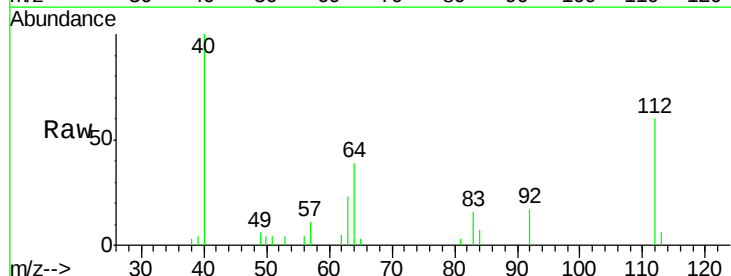
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



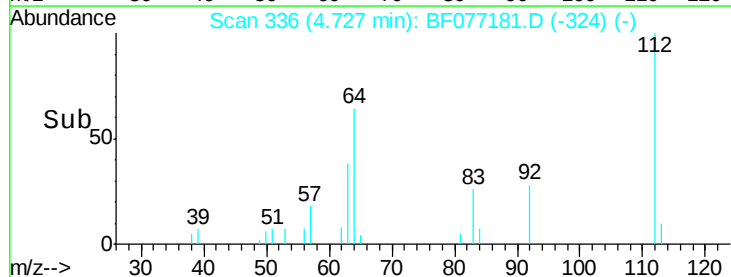
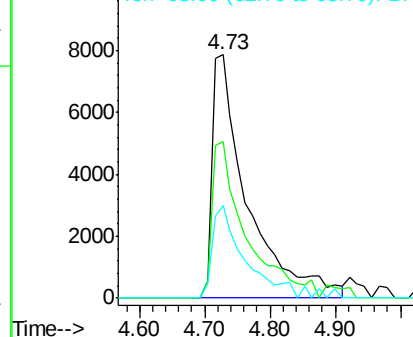
#5

2-Fluorophenol
Concen: 20.64 ng
RT: 4.73 min Scan# 336
Delta R.T. 0.03 min
Lab File: BF077181.D
Acq: 4 Feb 2015 16:51

Tgt Ion:112 Resp: 29588
Ion Ratio Lower Upper
112 100
64 64.2 54.2 81.4
63 38.1 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: 13.10 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.03 min

Lab File: BF077181.D

Acq: 4 Feb 2015 16:51

Instrument :

BNA_F

ClientSampled :

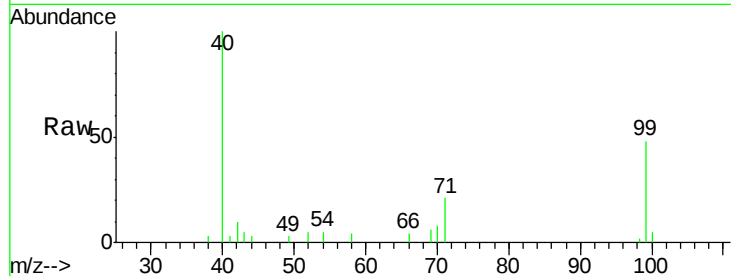
Tot Ion: 99 Resp: 23678

Ion Ratio Lower Upper

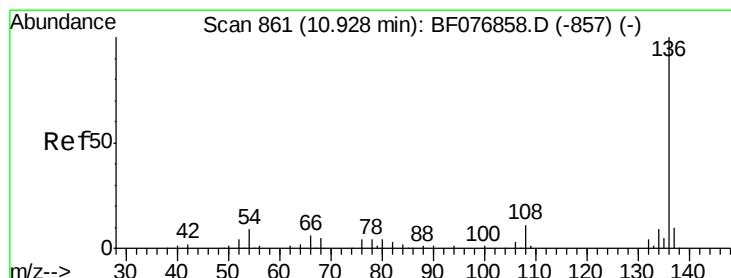
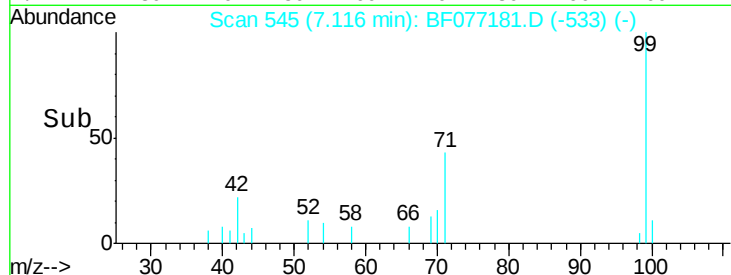
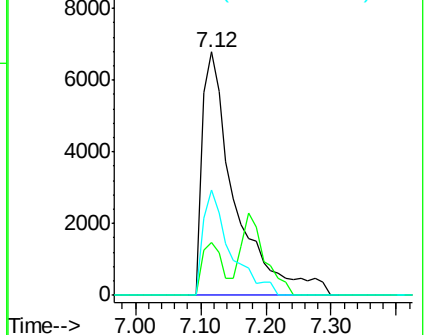
99 100

42 21.8 15.0 22.4

71 43.3 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: BF077181.D

Acq: 4 Feb 2015 16:51

Tgt Ion: 136 Resp: 98395

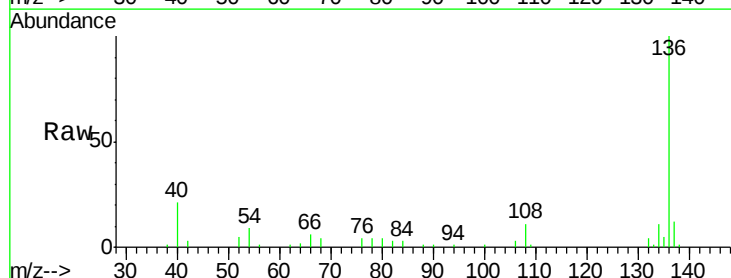
Ion Ratio Lower Upper

136 100

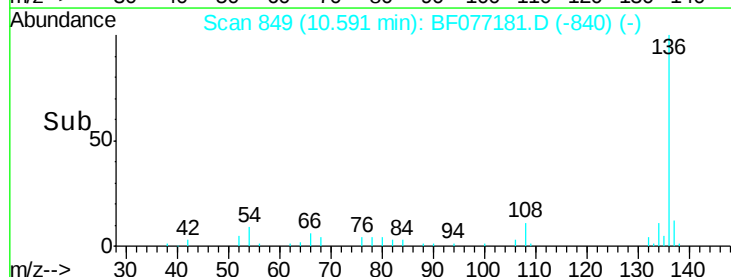
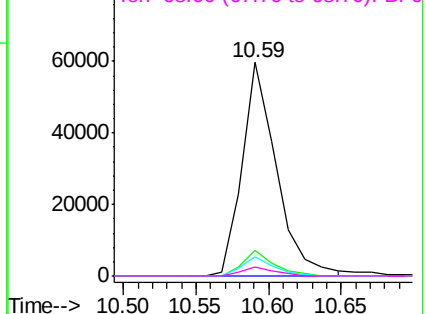
137 11.9 8.1 12.1

54 8.8 7.0 10.4

68 4.3 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

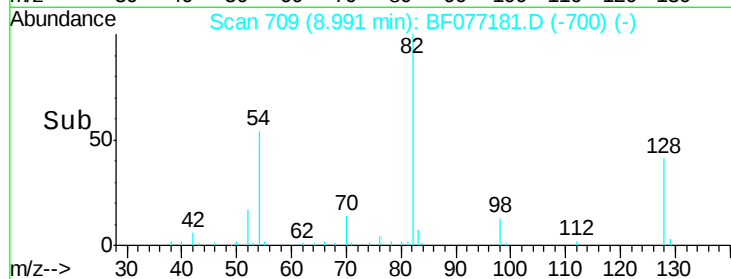
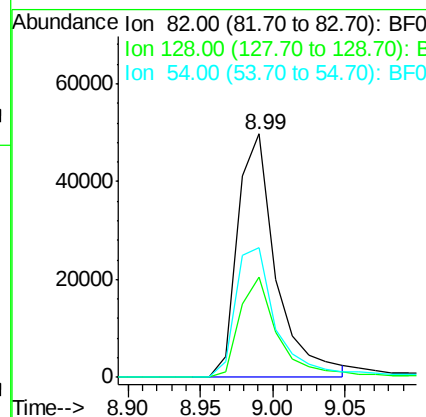
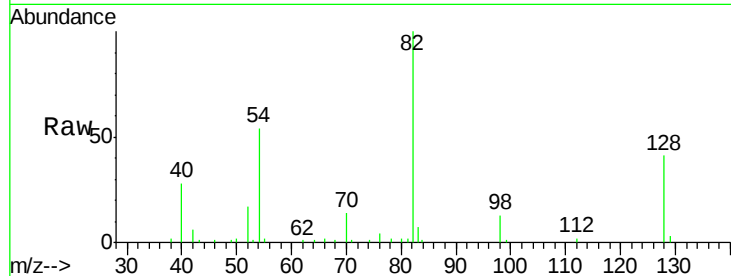




#23
 Nitrobenzene-d5
 Concen: 51.62 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

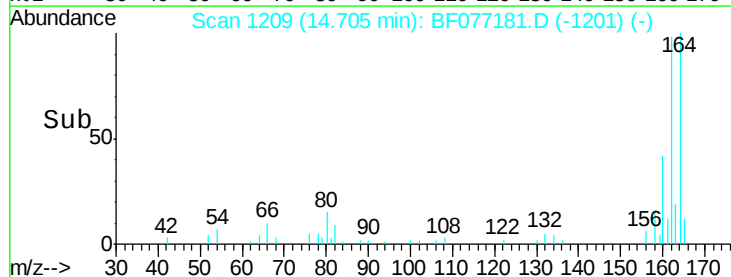
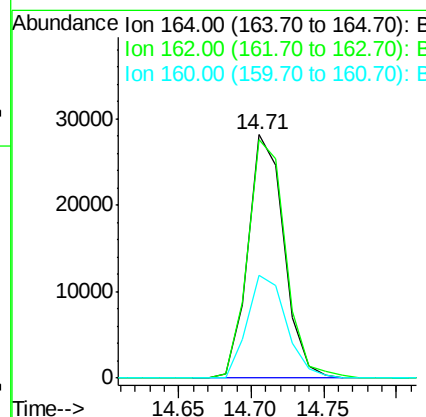
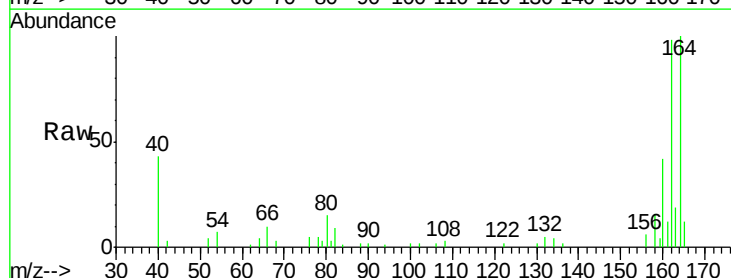
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 91678
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.1 49.7
 54 53.5 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: BF077181.D
 Acq: 4 Feb 2015 16:51

Tgt Ion: 164 Resp: 48304
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.4 123.6
 160 42.0 34.8 52.2

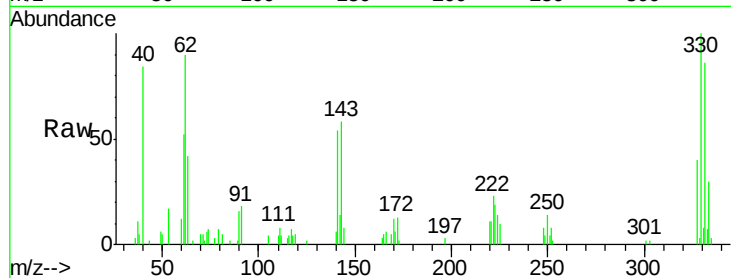




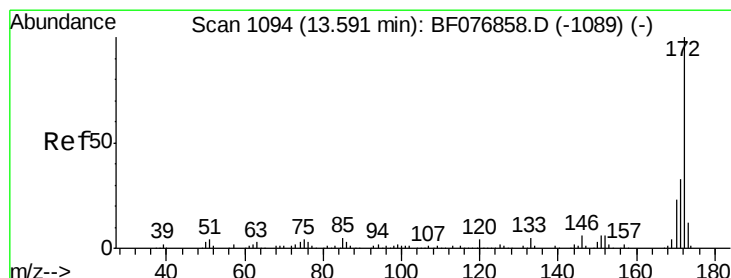
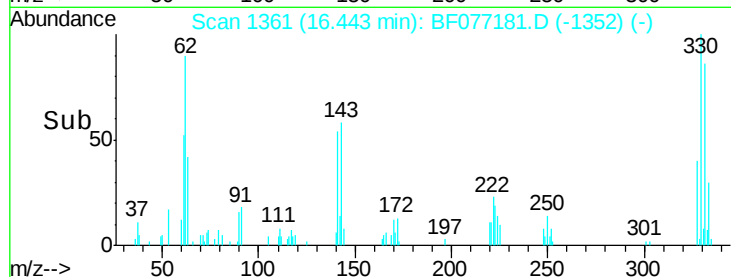
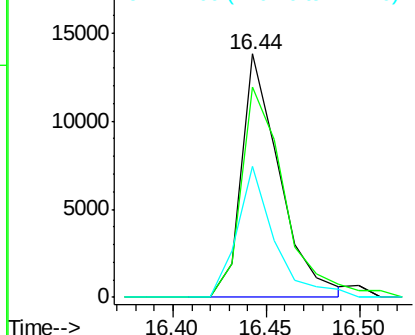
#41
 2,4,6-Tribromophenol
 Concen: 50.62 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 19847
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 52.8 38.5 57.7

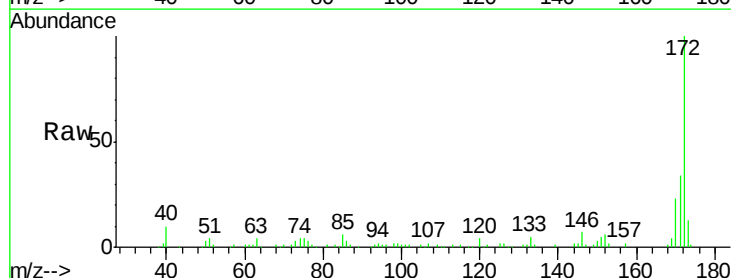


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

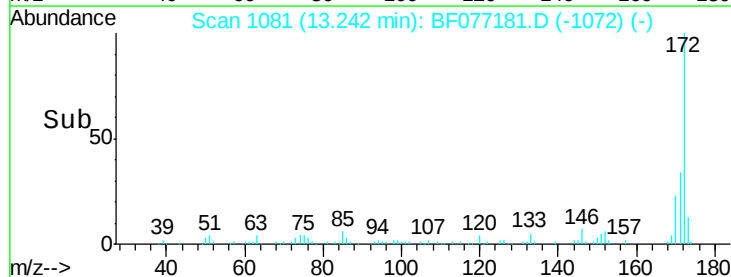
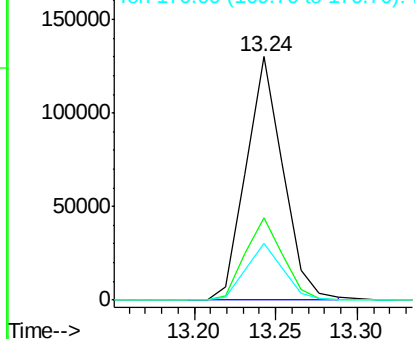


#44
 2-Fluorobiphenyl
 Concen: 64.60 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

Tgt Ion:172 Resp: 205049
 Ion Ratio Lower Upper
 172 100
 171 33.7 26.6 40.0
 170 23.2 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

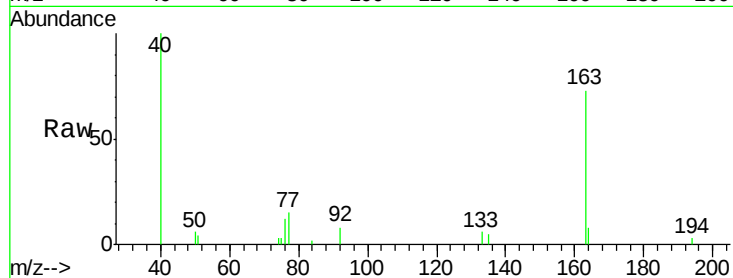




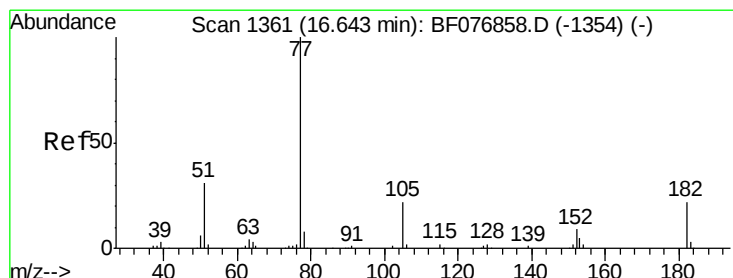
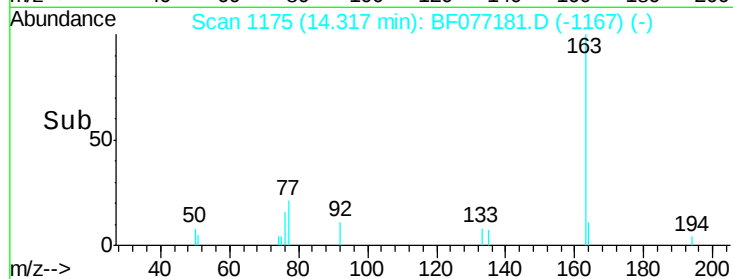
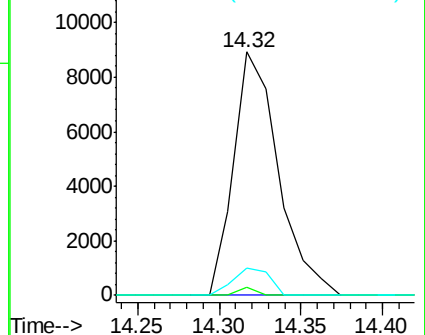
#49
Dimethylphthalate
Concen: 4.93 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF077181.D
Acq: 4 Feb 2015 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 16879
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.2 7.5 11.3

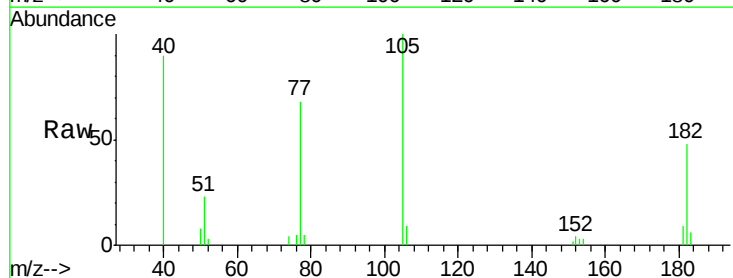


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

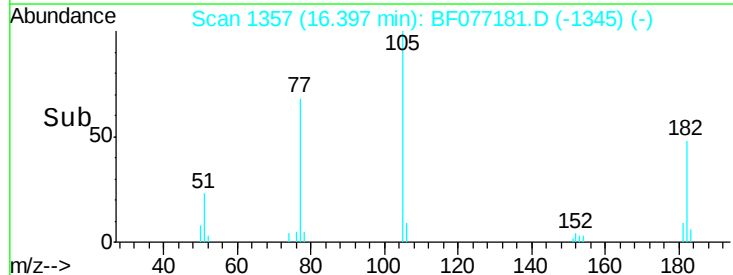
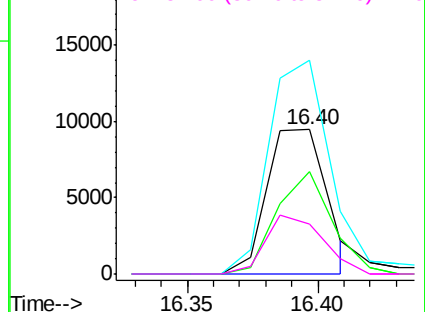


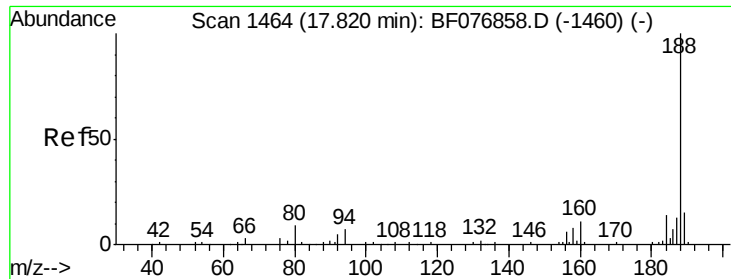
#62
Azobenzene
Concen: 4.22 ng
RT: 16.40 min Scan# 1357
Delta R.T. 0.03 min
Lab File: BF077181.D
Acq: 4 Feb 2015 16:51

Tgt Ion: 77 Resp: 15223
Ion Ratio Lower Upper
77 100
182 70.7 2.0 42.0#
105 147.9 2.3 42.3#
51 34.2 10.7 50.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

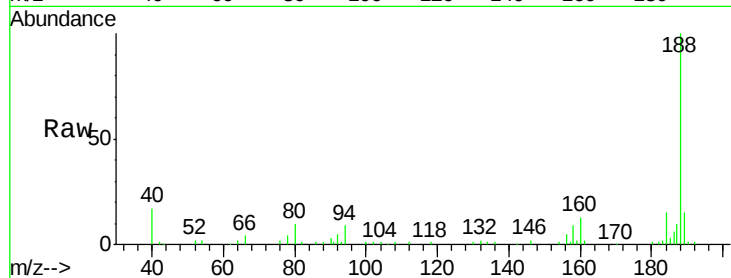




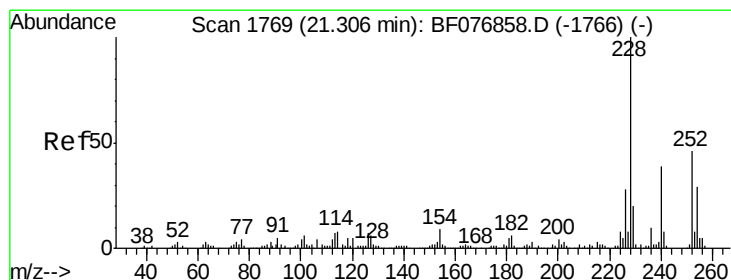
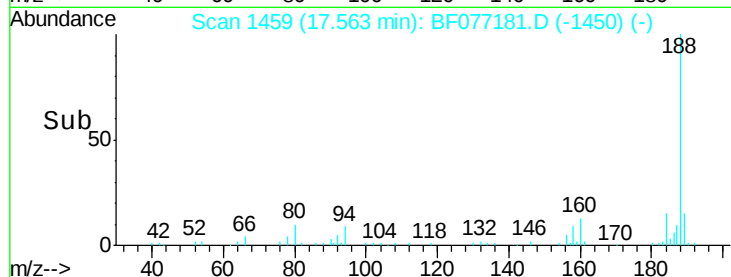
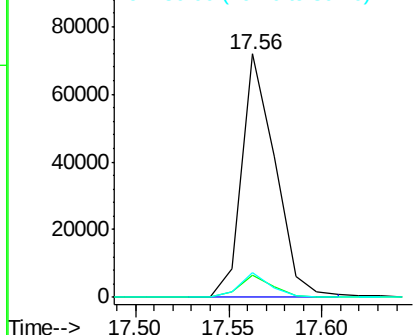
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 89551
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.0 9.0#
 80 10.3 6.9 10.3

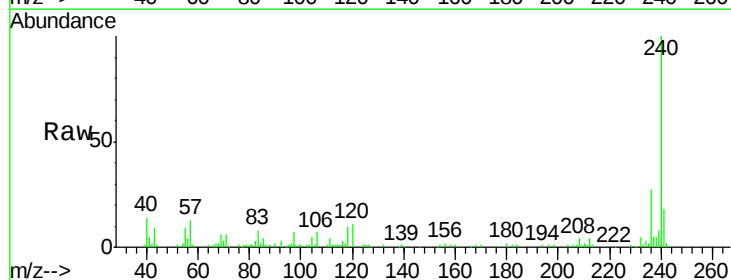


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

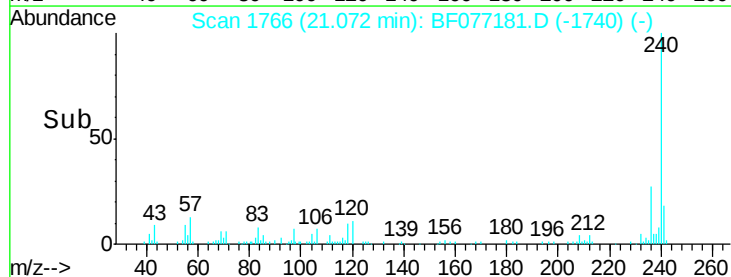
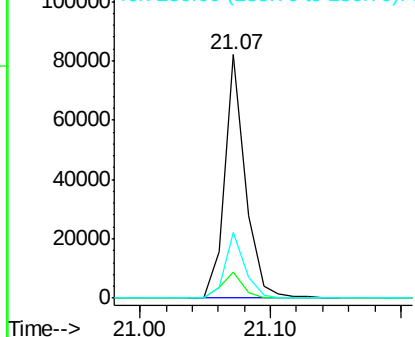


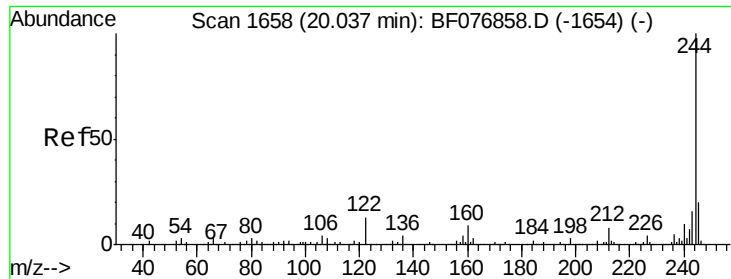
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

Tgt Ion:240 Resp: 90572
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.4 15.6
 236 26.7 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

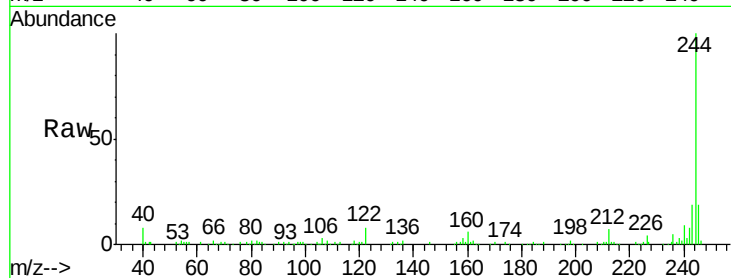




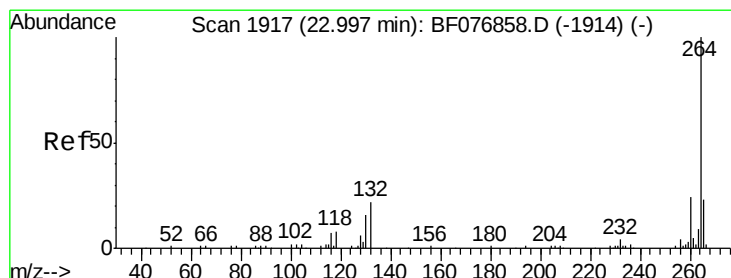
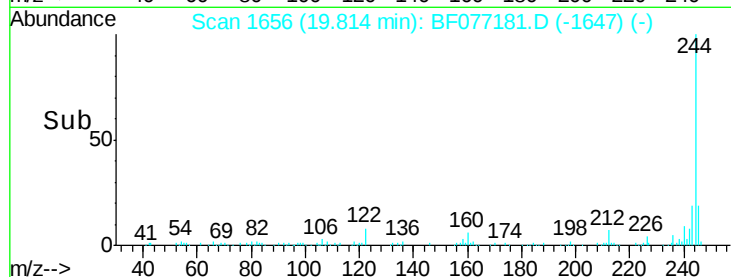
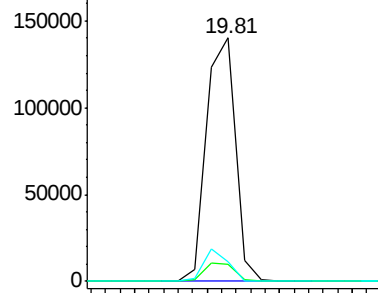
#78
 Terphenyl-d14
 Concen: 49.45 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 194536
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 7.9 10.1 15.1#

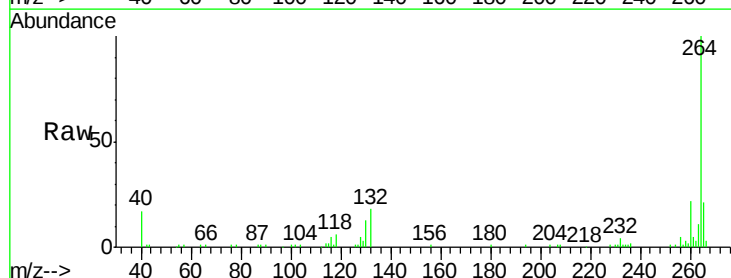


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.74 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BF077181.D
 Acq: 4 Feb 2015 16:51

Tgt Ion:264 Resp: 83996
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.0 28.4
 265 20.5 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

