

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077128.D
 Acq On : 29 Jan 2015 17:37
 Operator : TP/IZ
 Sample : PB81560BL
 Misc : S
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 01:28:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:18:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29026	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	124607	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	65932	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	111219	20.00	ng	0.00
75) Chrysene-d12	21.07	240	115167	20.00	ng	-0.01
86) Perylene-d12	22.71	264	107669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	176245	99.83	ng	0.01
7) Phenol-d6	7.10	99	220108	98.83	ng	0.00
23) Nitrobenzene-d5	8.98	82	134543	59.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	50540	94.43	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	267812	61.81	ng	0.00
78) Terphenyl-d14	19.81	244	289717	57.91	ng	0.00

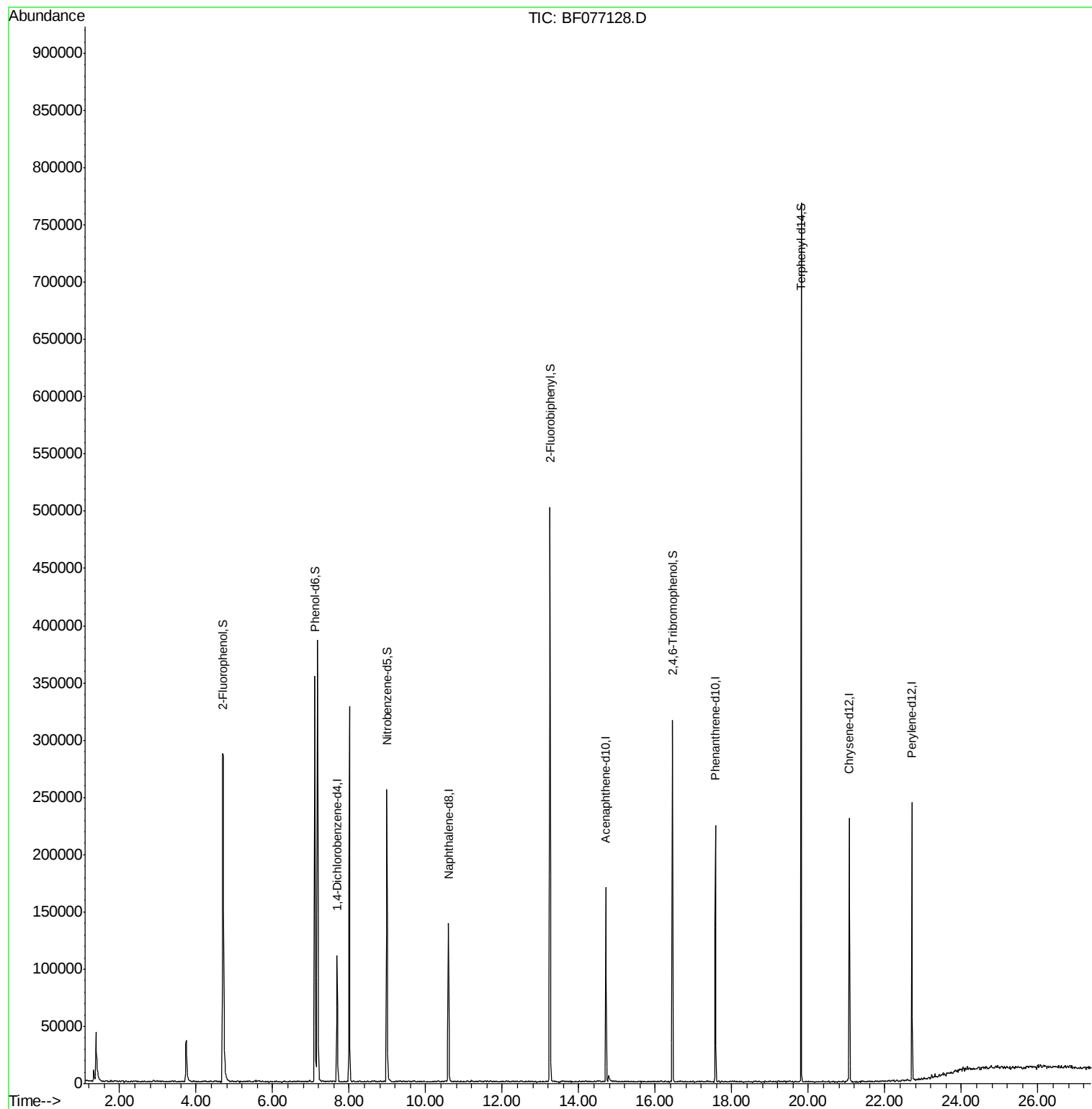
Target Compounds Qvalue

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

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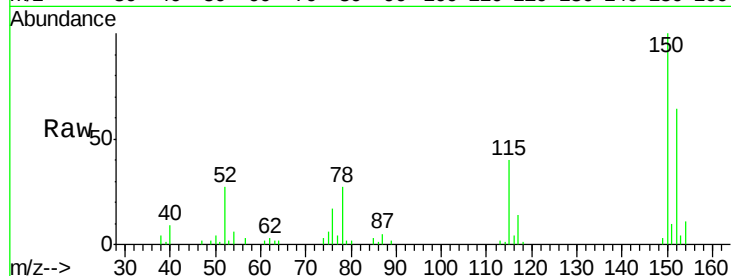


#1

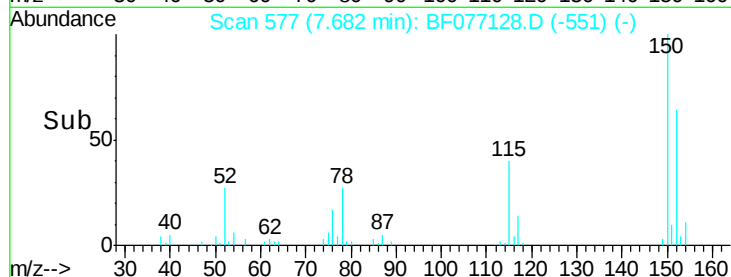
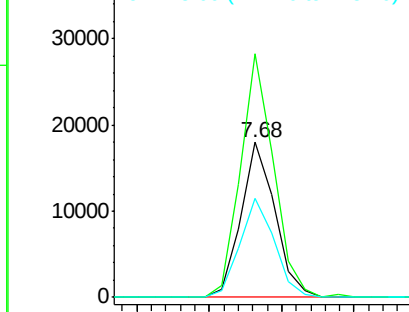
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077128.D
Acq: 29 Jan 2015 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29026
Ion Ratio Lower Upper
152 100
150 157.4 121.7 182.5
115 63.6 47.0 70.6



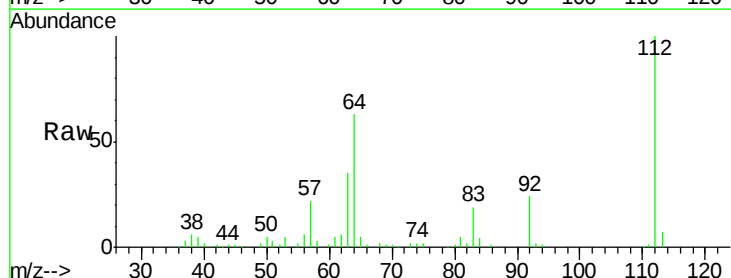
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



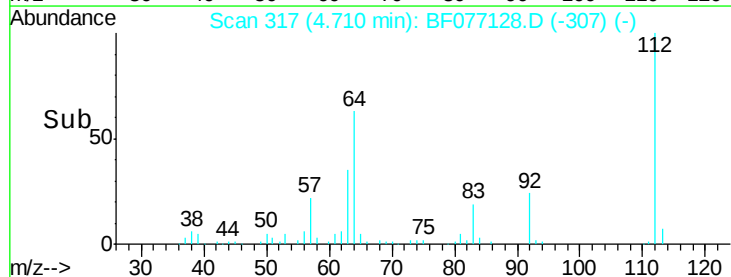
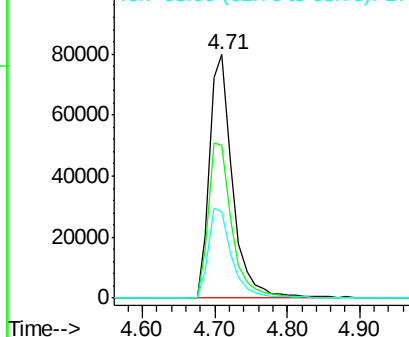
#5

2-Fluorophenol
Concen: 99.83 ng
RT: 4.71 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF077128.D
Acq: 29 Jan 2015 17:37

Tgt Ion:112 Resp: 176245
Ion Ratio Lower Upper
112 100
64 62.5 54.2 81.4
63 35.4 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: 98.83 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077128.D

Acq: 29 Jan 2015 17:37

Instrument :

BNA_F

ClientSampleId :

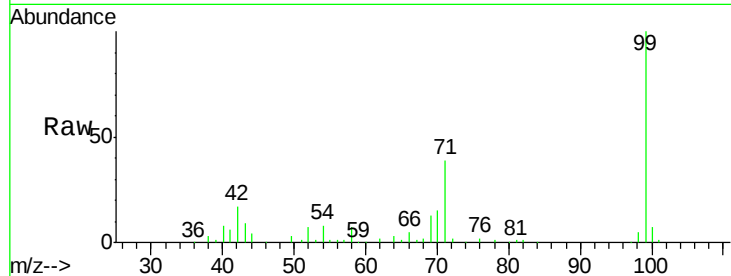
Tot Ion: 99 Resp: 220108

Ion Ratio Lower Upper

99 100

42 17.4 15.0 22.4

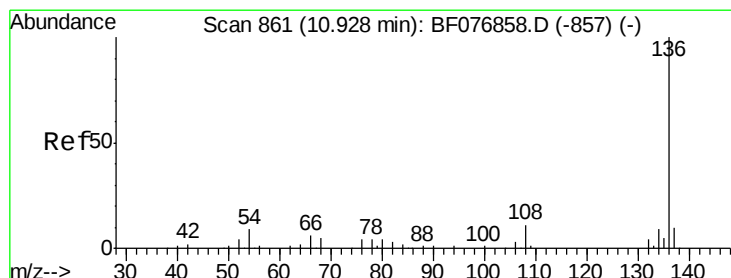
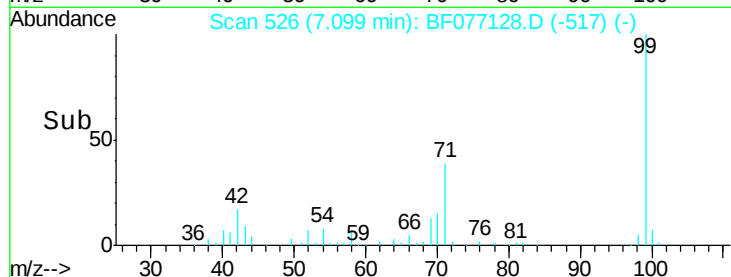
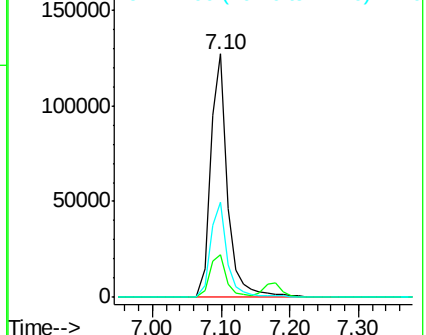
71 39.1 30.5 45.7



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: 10.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF077128.D

Acq: 29 Jan 2015 17:37

Tgt Ion: 136 Resp: 124607

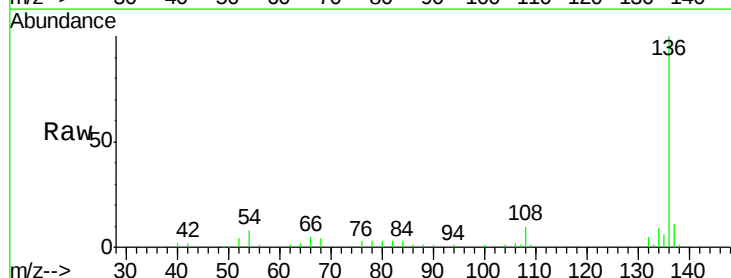
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 7.7 7.0 10.4

68 4.3 3.7 5.5

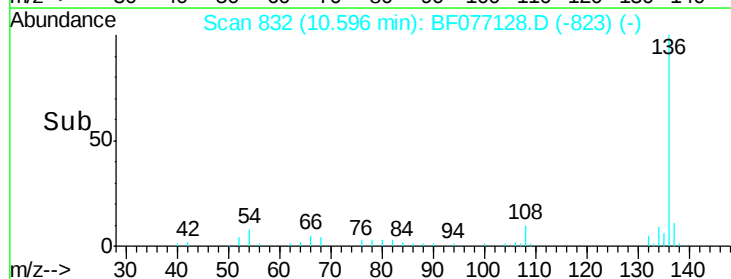
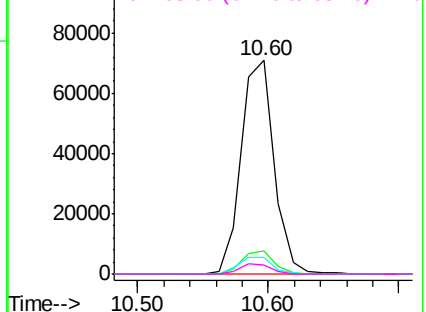


Abundance Ion 136.00 (135.70 to 136.70): E

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

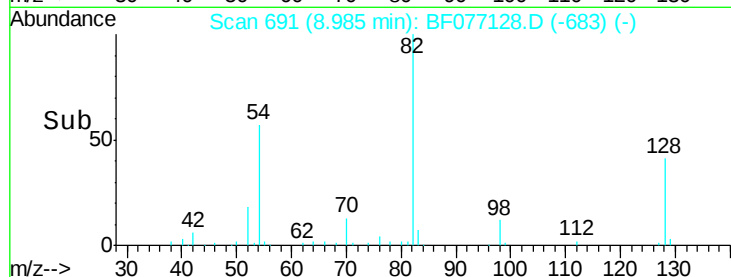
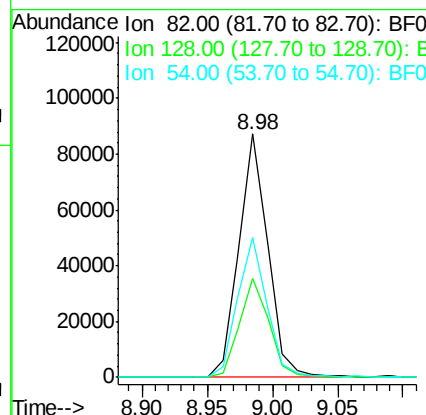
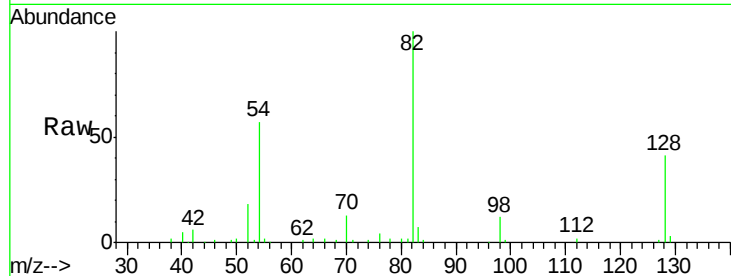




#23
Nitrobenzene-d5
Concen: 59.82 ng
RT: 8.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF077128.D
Acq: 29 Jan 2015 17:37

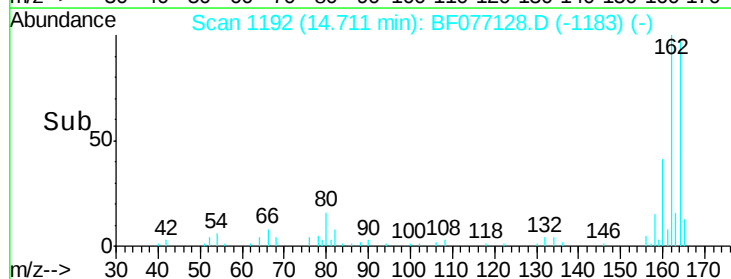
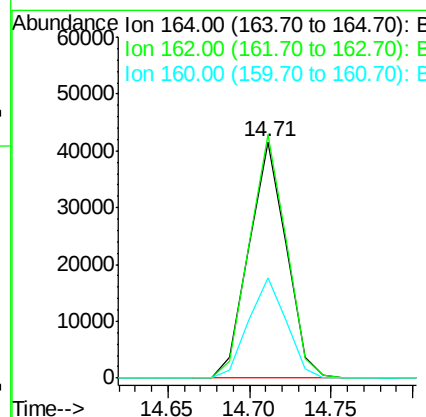
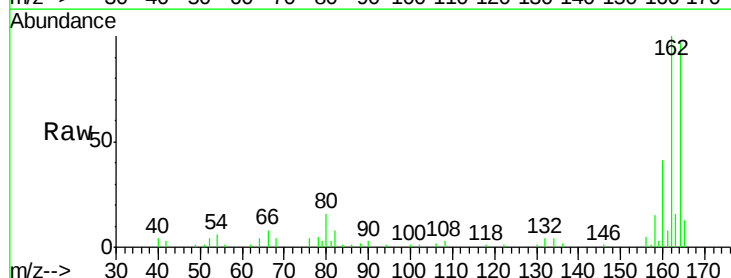
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	134543
Ion Ratio	100	Lower	Upper
128	40.8	33.1	49.7
54	57.4	48.3	72.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF077128.D
Acq: 29 Jan 2015 17:37

Tgt Ion	164	Resp	65932
Ion Ratio	100	Lower	Upper
162	103.1	82.4	123.6
160	42.2	34.8	52.2

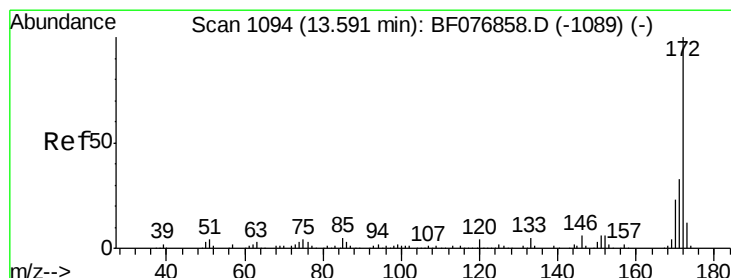
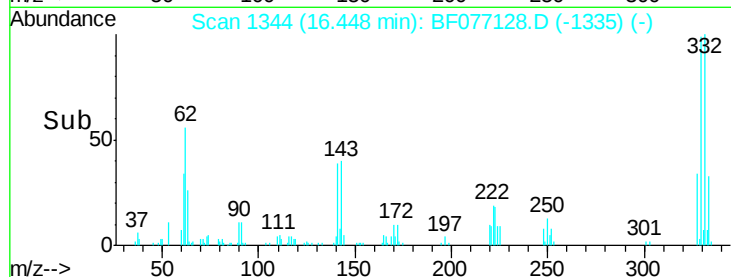
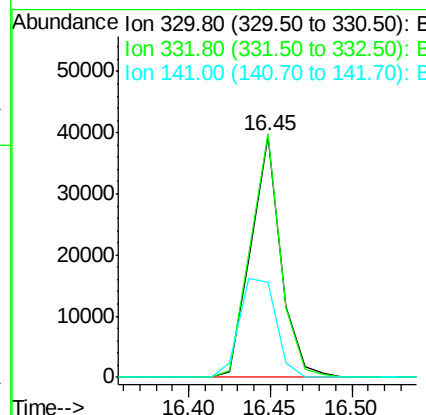
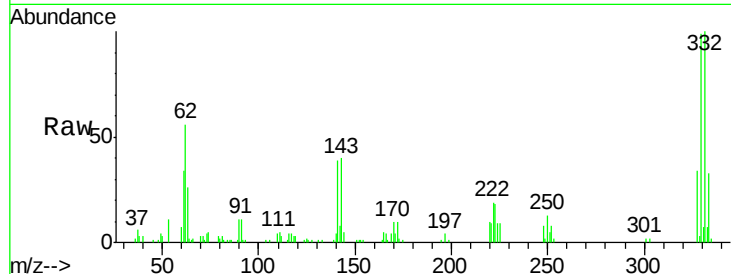




#41
 2,4,6-Tribromophenol
 Concen: 94.43 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF077128.D
 Acq: 29 Jan 2015 17:37

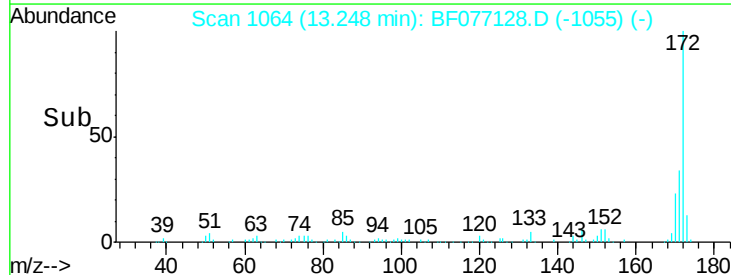
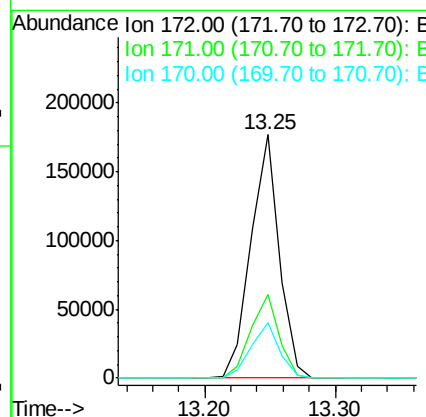
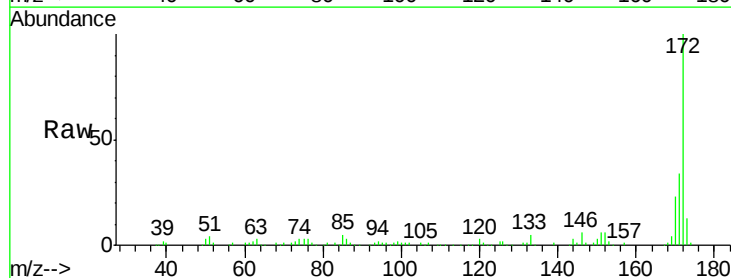
Instrument :
 BNA_F
 ClientSampled :

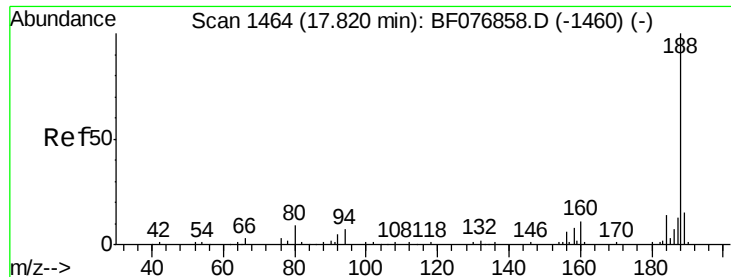
Tot Ion:330 Resp: 50540
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.8 116.6
 141 49.4 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 61.81 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077128.D
 Acq: 29 Jan 2015 17:37

Tgt Ion:172 Resp: 267812
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.6 40.0
 170 22.5 18.0 27.0

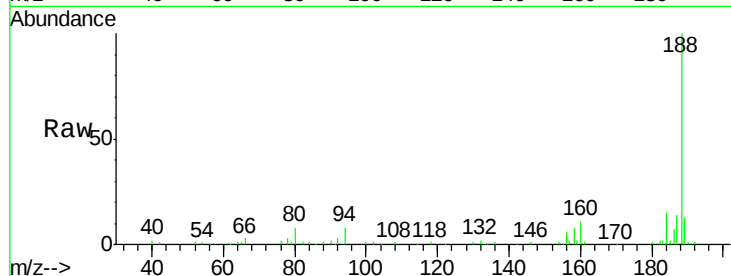




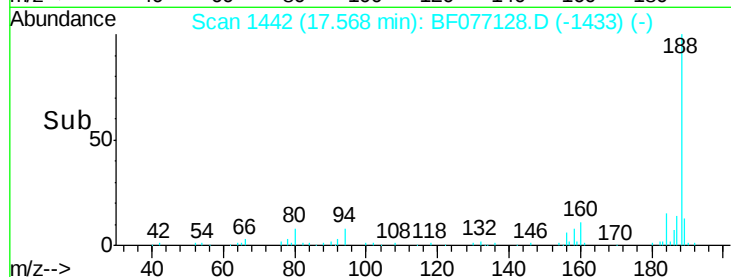
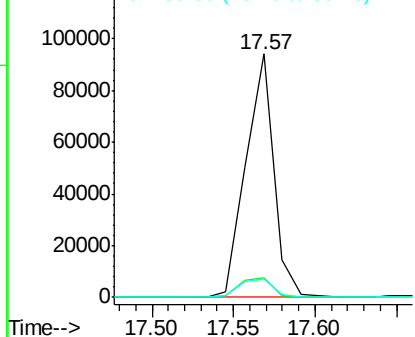
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF077128.D
Acq: 29 Jan 2015 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 111219
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 7.6 6.9 10.3

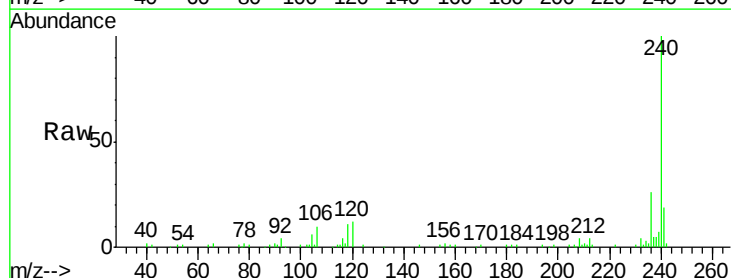


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

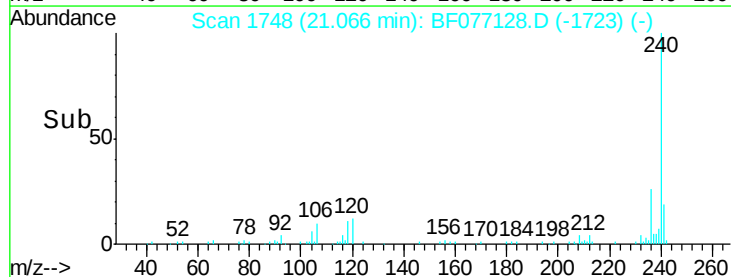
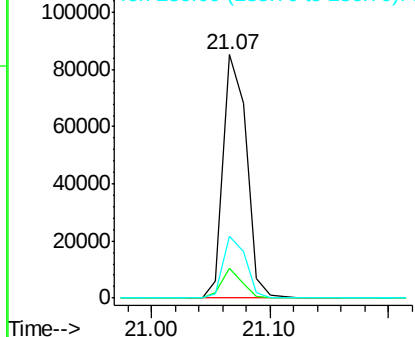


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF077128.D
Acq: 29 Jan 2015 17:37

Tgt Ion:240 Resp: 115167
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.6 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



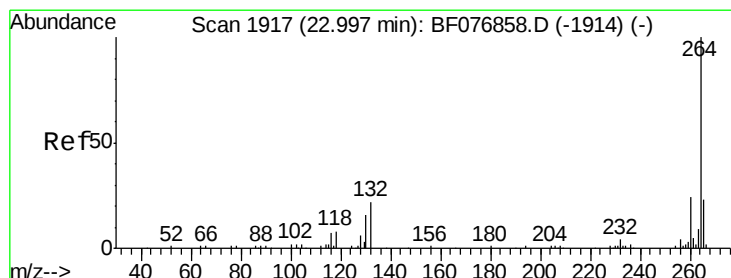
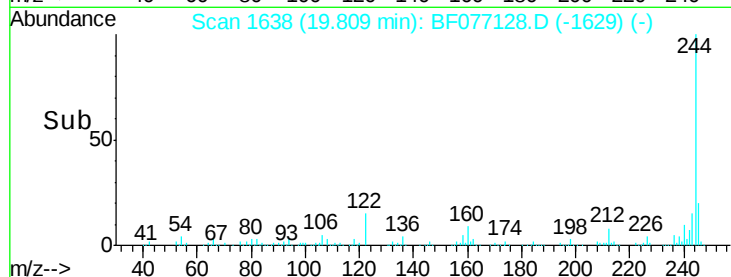
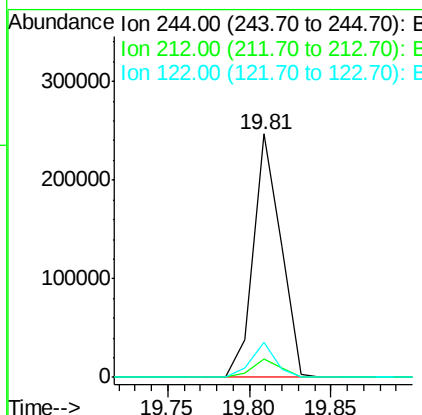
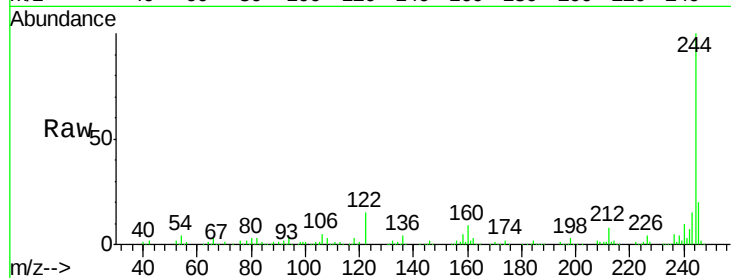


#78
 Terphenyl-d14
 Concen: 57.91 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF077128.D
 Acq: 29 Jan 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 289717

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	14.6	10.1	15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.71 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BF077128.D
 Acq: 29 Jan 2015 17:37

Tgt Ion:264 Resp: 107669

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.4
265	21.7	18.1	27.1

