

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079232.D
 Acq On : 14 May 2015 10:36
 Operator : TP/IZ
 Sample : G2177-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-24(0-25)

Quant Time: May 14 15:38:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 15:23:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	63580	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	260966	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	122868	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	235693	20.00	ng	-0.01
75) Chrysene-d12	16.14	240	240763	20.00	ng	0.01
86) Perylene-d12	17.97	264	253062	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	451340	122.20	ng	0.00
7) Phenol-d6	6.80	99	539151	110.43	ng	0.00
23) Nitrobenzene-d5	7.93	82	360026	79.29	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	184744	138.99	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	756073	85.73	ng	0.00
78) Terphenyl-d14	14.82	244	828007	82.34	ng	0.00

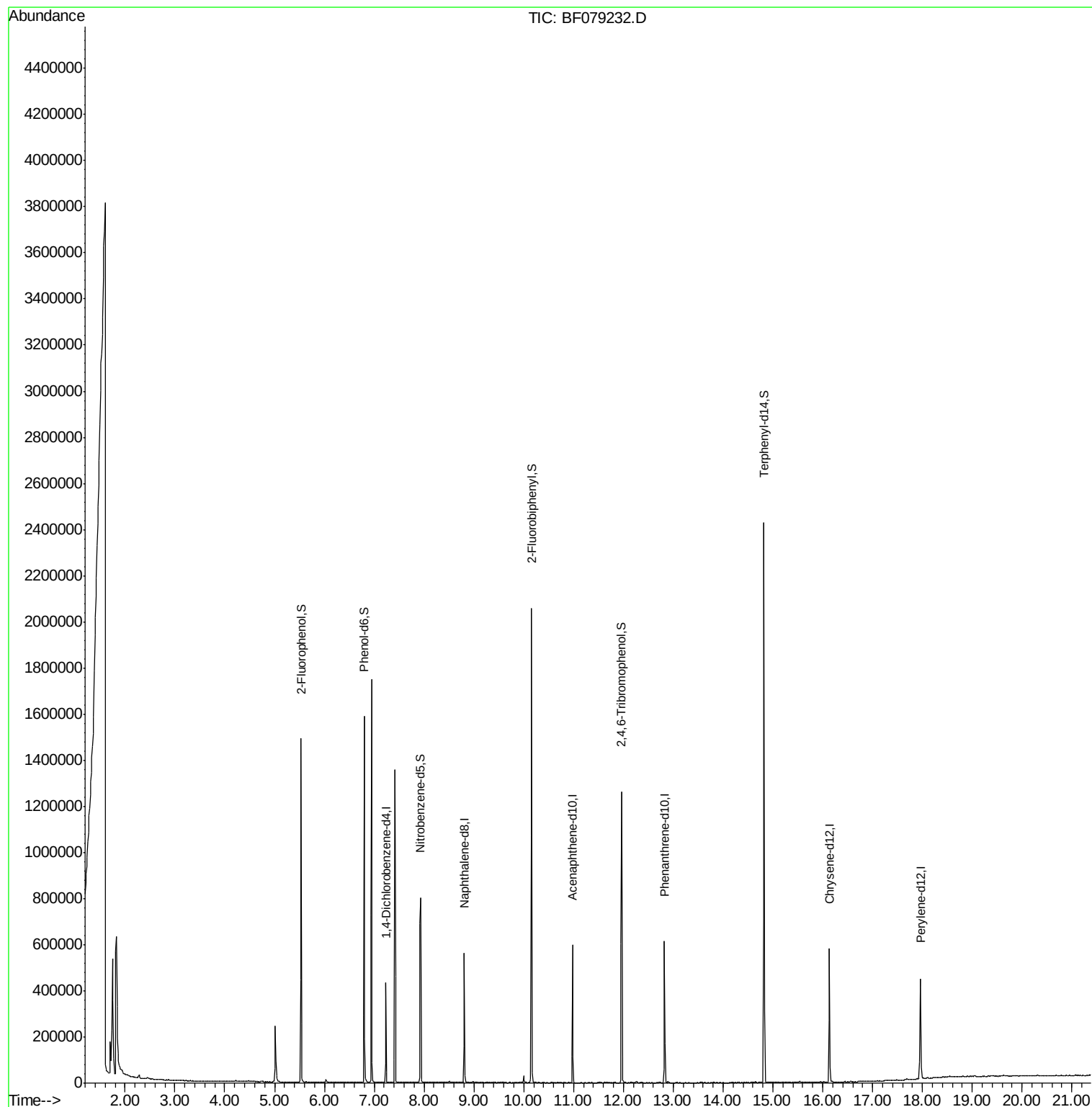
Target Compounds Qvalue

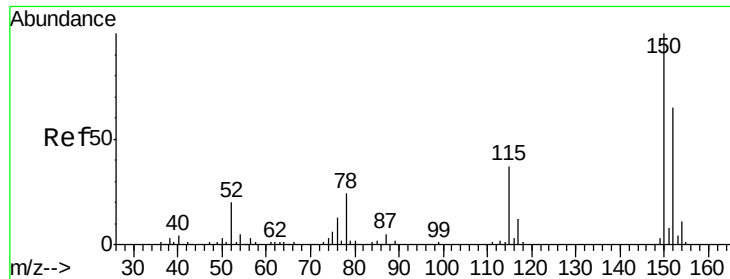
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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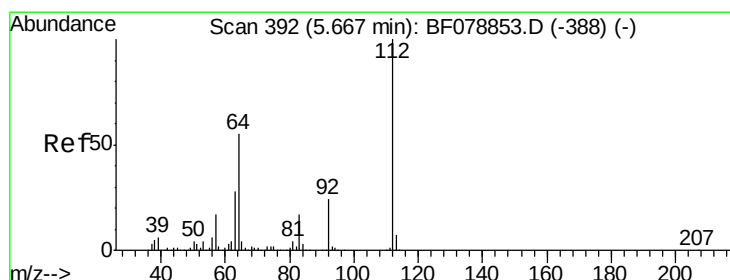
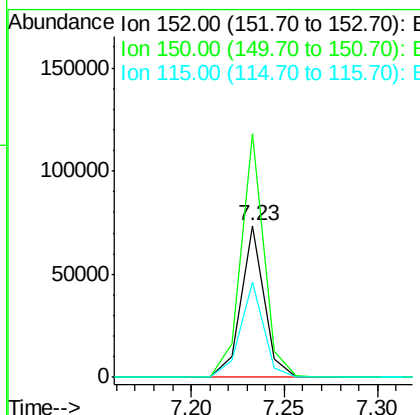
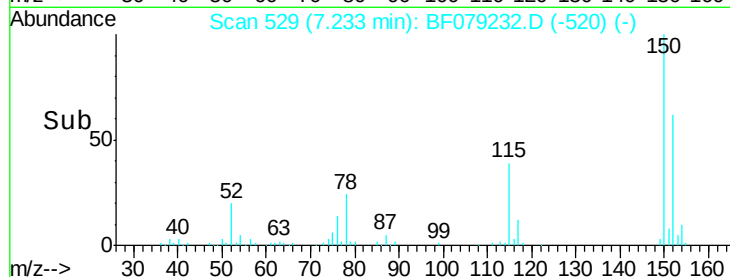
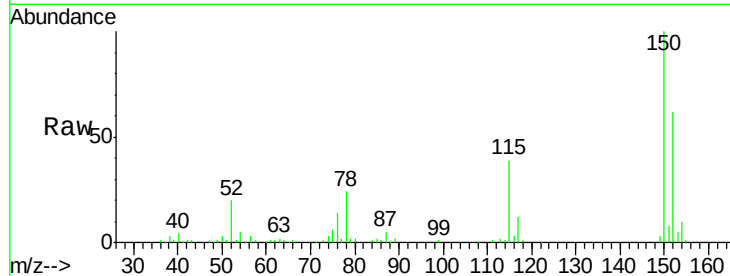




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079232.D
 Acq: 14 May 2015 10:36

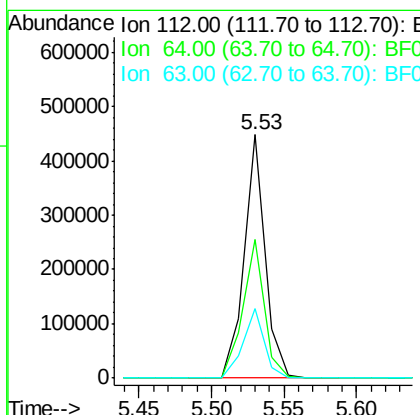
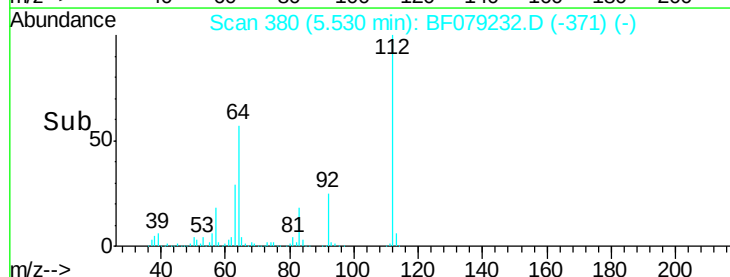
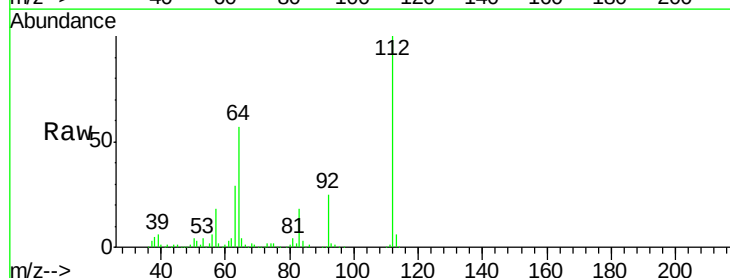
Instrument :
 BNA_F
 ClientSampleId :
 PS-24(0-25)

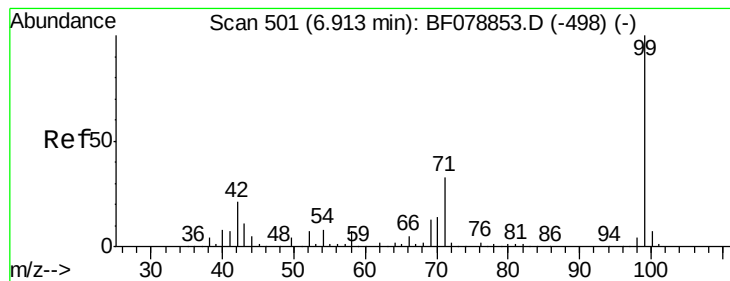
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.0	183.0
115	62.5	46.3	69.5



#5
 2-Fluorophenol
 Concen: 122.20 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079232.D
 Acq: 14 May 2015 10:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	53.5	80.3
63	28.8	27.5	41.3





#7

Phenol-d6

Concen: 110.43 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079232.D

Acq: 14 May 2015 10:36

Instrument :

BNA_F

ClientSampleId :

PS-24(0-25)

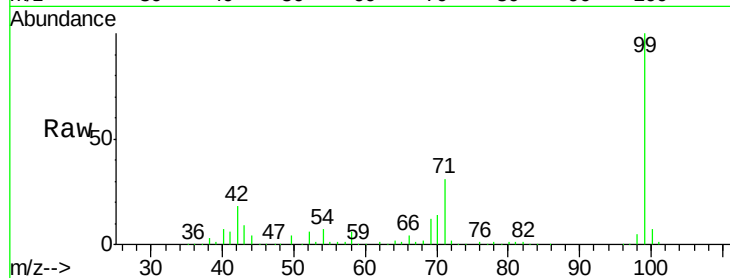
Tot Ion: 99 Resp: 539151

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

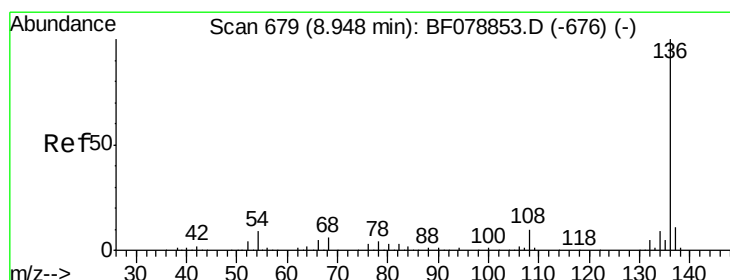
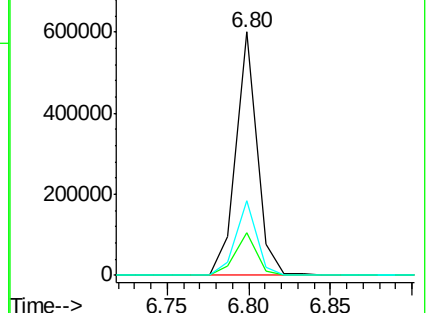
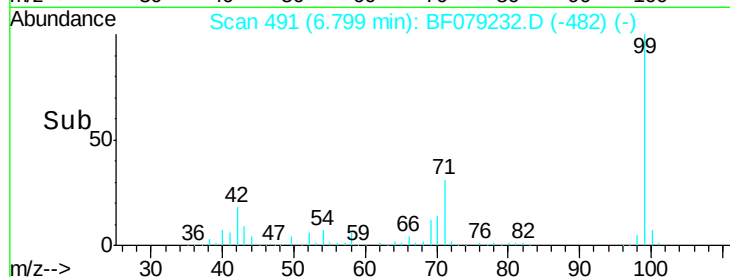
71 30.9 23.4 35.2



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079232.D

Acq: 14 May 2015 10:36

Tgt Ion: 136 Resp: 260966

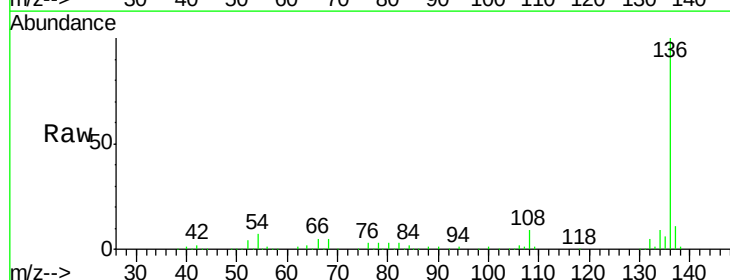
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.6 5.8 8.8

68 4.9 4.2 6.4

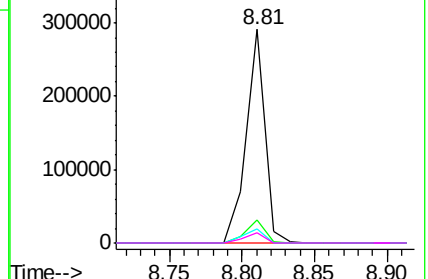
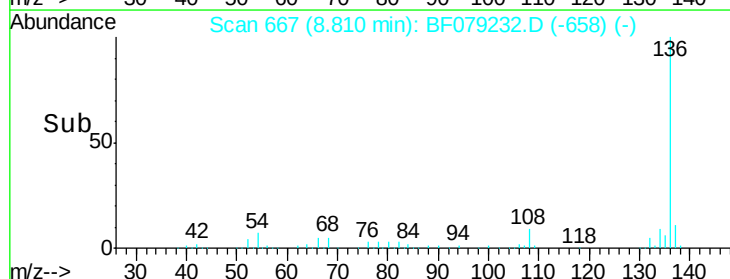


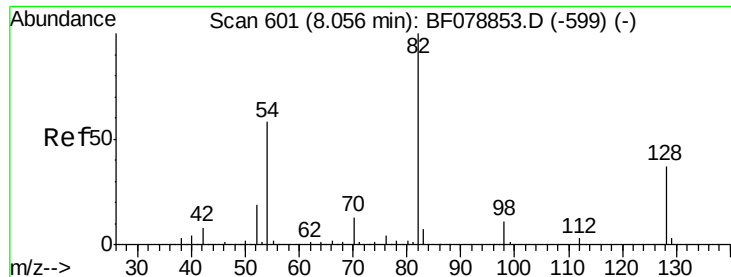
Abundance Ion 136.00 (135.70 to 136.70): E

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

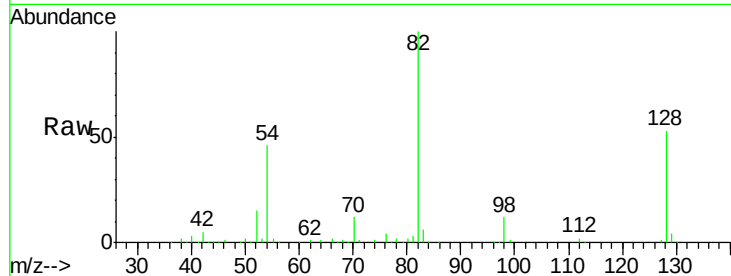




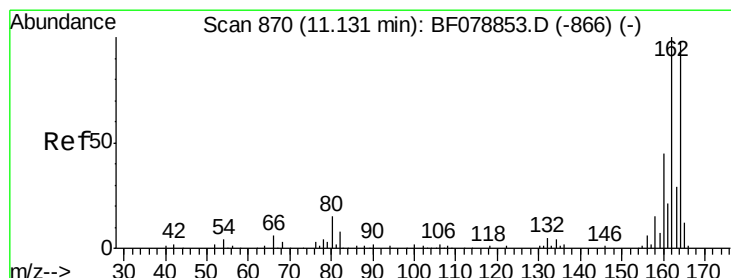
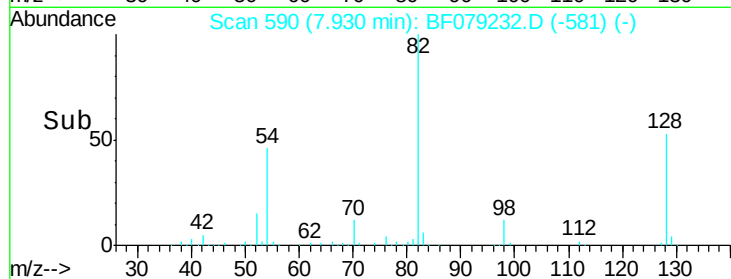
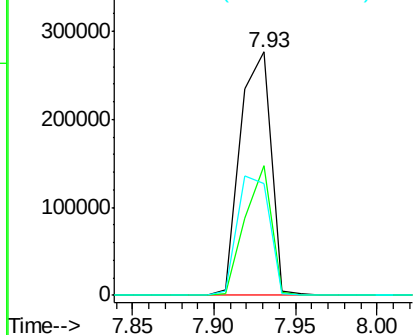
#23
 Nitrobenzene-d5
 Concen: 79.29 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079232.D
 Acq: 14 May 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PS-24(0-25)

Tot Ion	82	Resp	360026
Ion Ratio	100	Lower	Upper
128	53.5	30.0	45.0#
54	45.7	46.4	69.6#

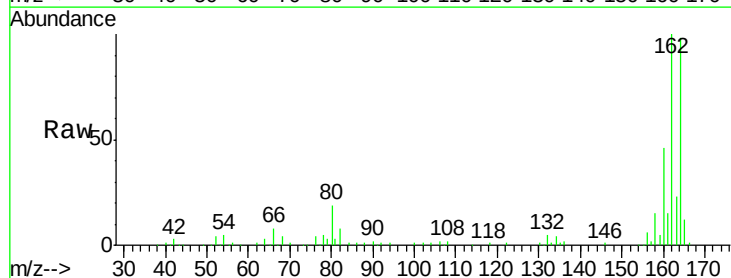


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

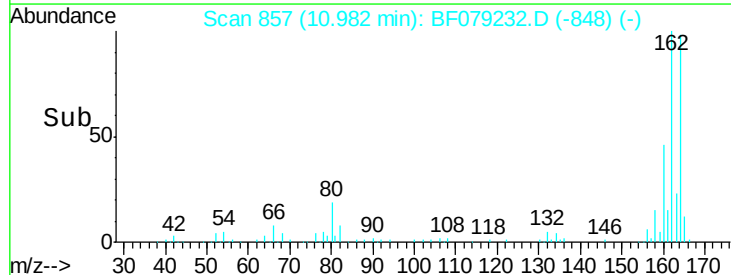
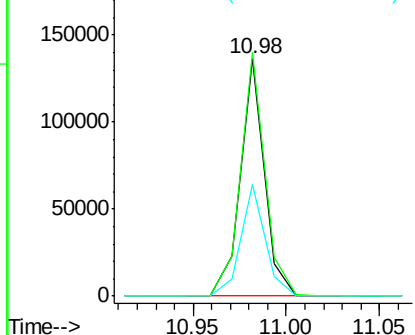


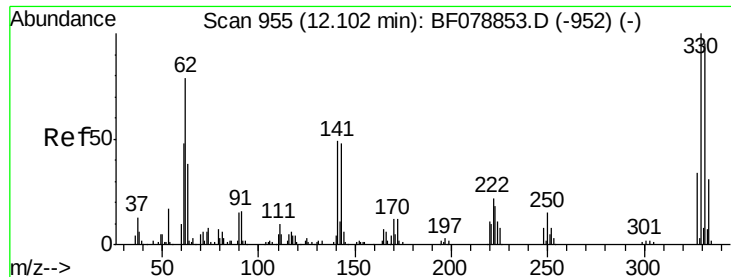
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079232.D
 Acq: 14 May 2015 10:36

Tgt Ion	164	Resp	122868
Ion Ratio	100	Lower	Upper
162	102.5	82.7	124.1
160	46.9	35.8	53.8



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

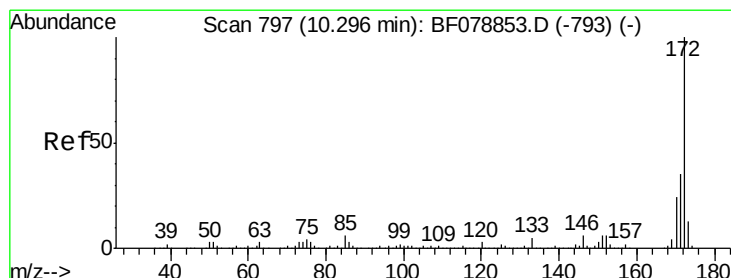
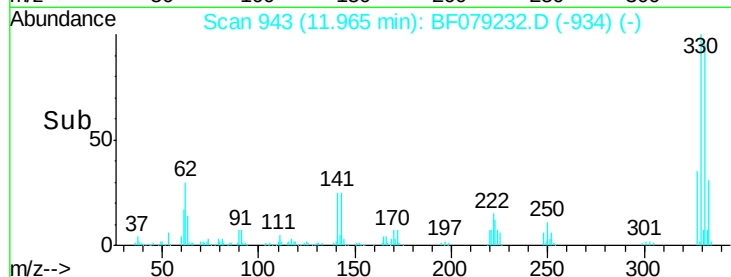
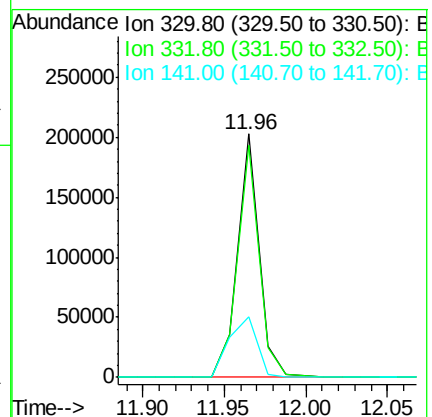
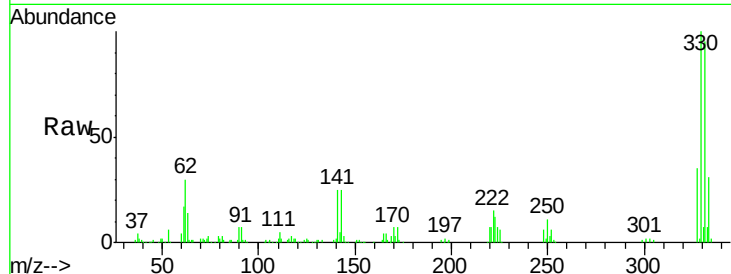




#41
 2,4,6-Tribromophenol
 Concen: 138.99 ng
 RT: 11.96 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079232.D
 Acq: 14 May 2015 10:36

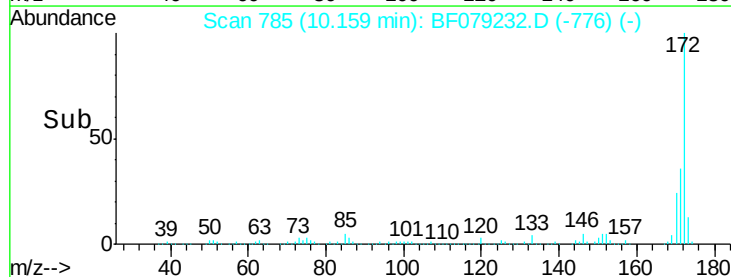
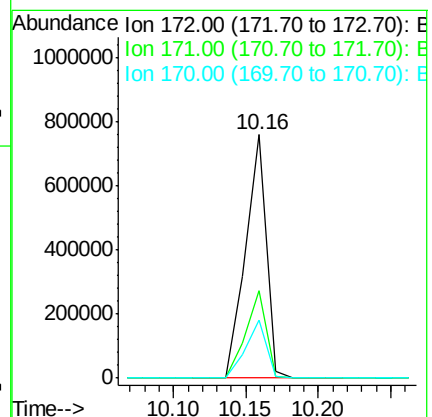
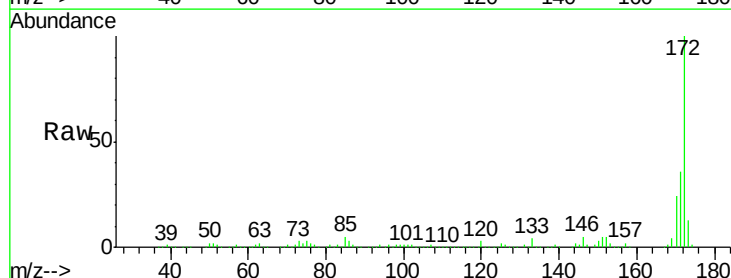
Instrument :
 BNA_F
 ClientSampleId :
 PS-24(0-25)

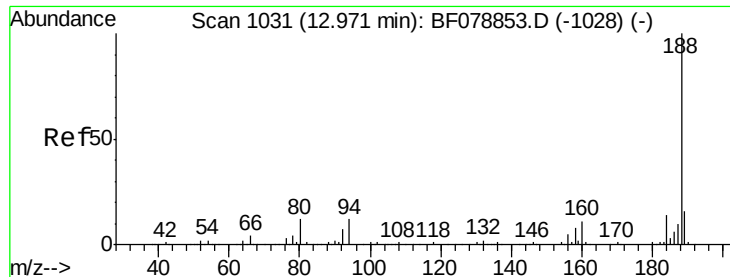
Tot Ion:330 Resp: 184744
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 32.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079232.D
 Acq: 14 May 2015 10:36

Tgt Ion:172 Resp: 756073
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.9 41.9
 170 24.0 19.4 29.0

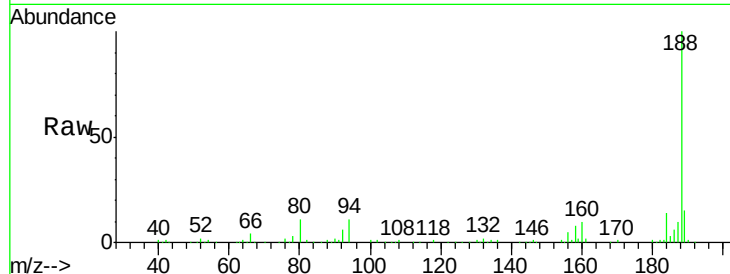




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079232.D
Acq: 14 May 2015 10:36

Instrument :
BNA_F
ClientSampleId :
PS-24(0-25)

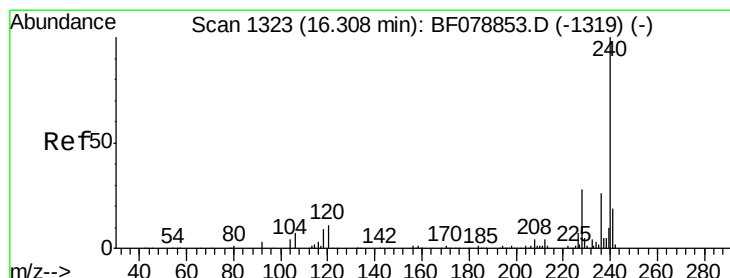
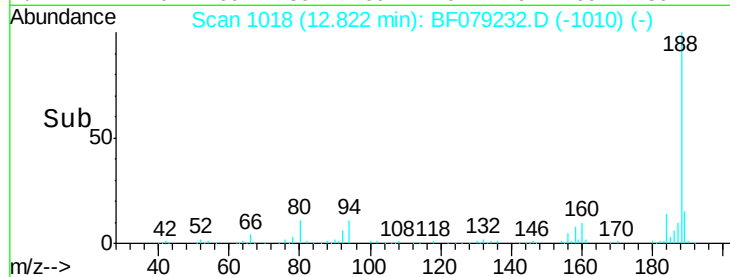
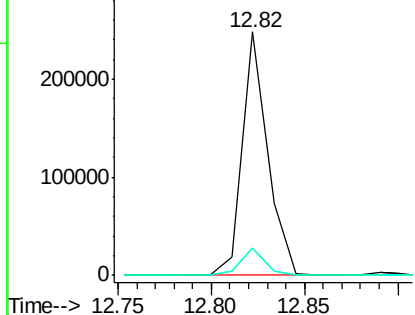
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.2	12.2
80	11.4	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E

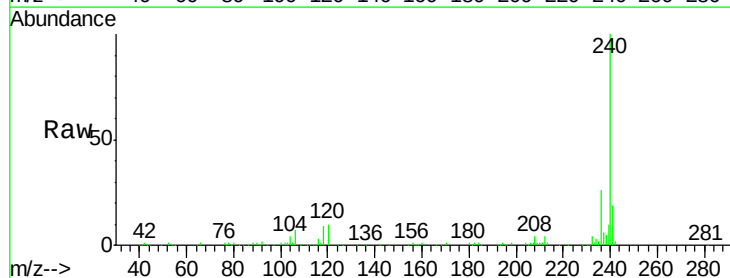
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF079232.D
Acq: 14 May 2015 10:36

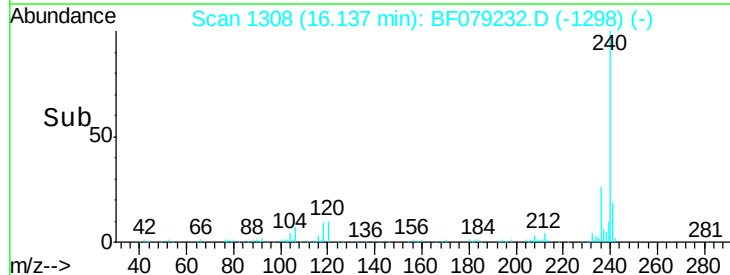
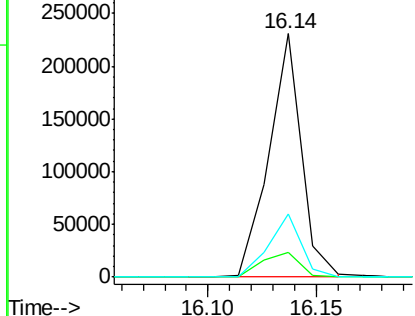
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.7	14.5
236	25.8	20.2	30.4

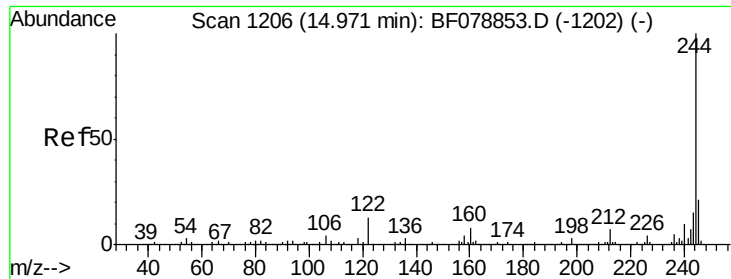


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.34 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079232.D

Acq: 14 May 2015 10:36

Instrument :

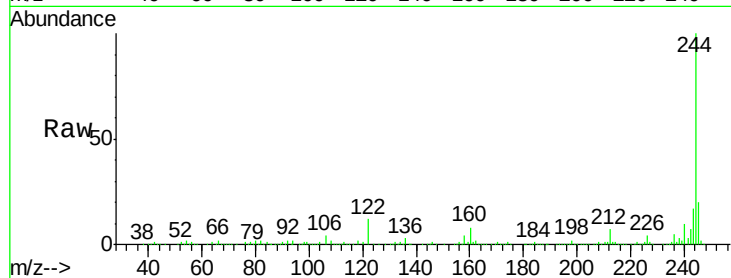
BNA_F

ClientSampleId :

PS-24(0-25)

Tot Ion:244 Resp: 828007

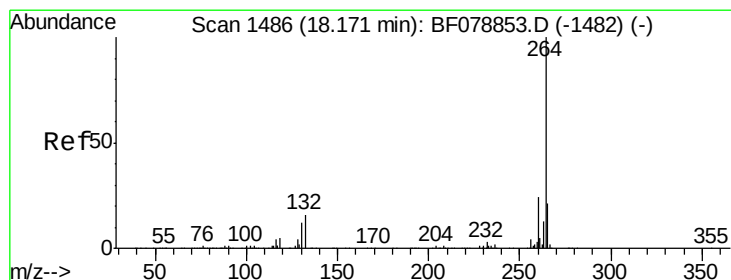
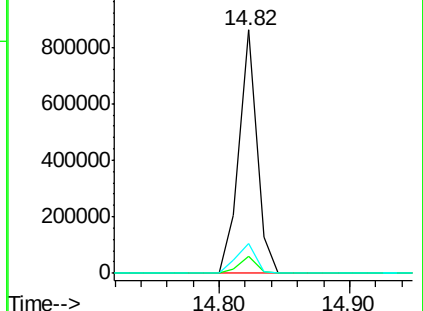
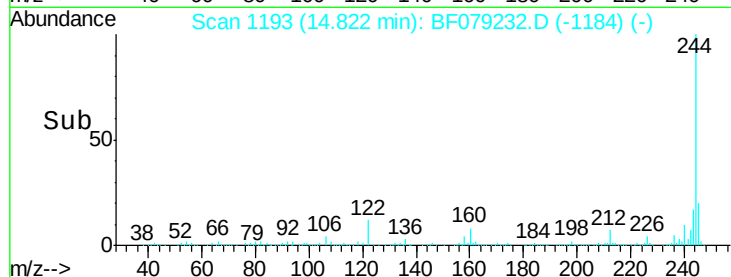
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.4	10.3	15.5



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: 17.97 min Scan# 1468

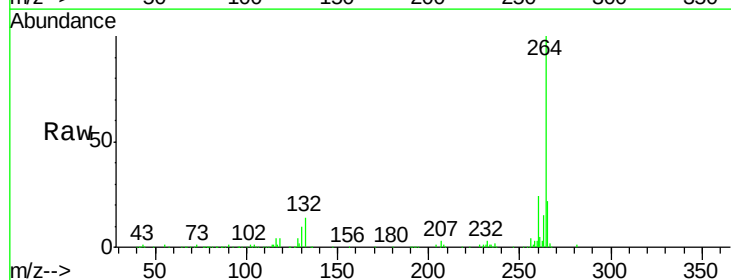
Delta R.T. 0.11 min

Lab File: BF079232.D

Acq: 14 May 2015 10:36

Tgt Ion:264 Resp: 253062

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	18.3	27.5



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

