

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079113.D
 Acq On : 11 May 2015 13:56
 Operator : TP/IZ
 Sample : G2182-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-0482

Quant Time: May 12 02:15:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	55000	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	225690	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	113903	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	230137	20.00	ng	0.00
75) Chrysene-d12	16.24	240	245582	20.00	ng	0.01
86) Perylene-d12	18.13	264	256584	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	179549	56.19	ng	0.00
7) Phenol-d6	6.86	99	145861	34.54	ng	0.00
23) Nitrobenzene-d5	7.99	82	354398	90.25	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	200415	162.65	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	761337	93.12	ng	-0.01
78) Terphenyl-d14	14.90	244	975299	95.08	ng	0.00

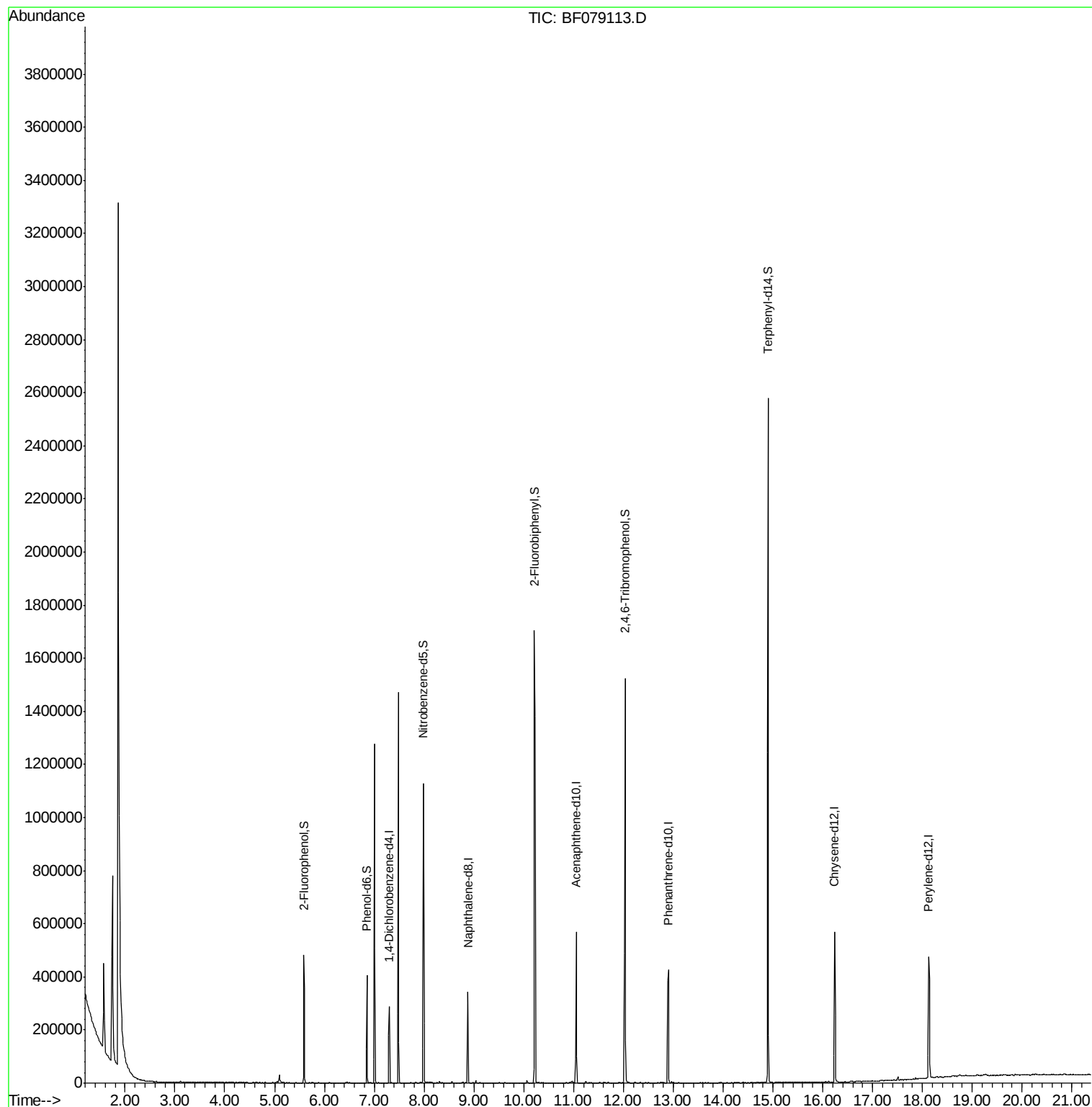
Target Compounds Qvalue

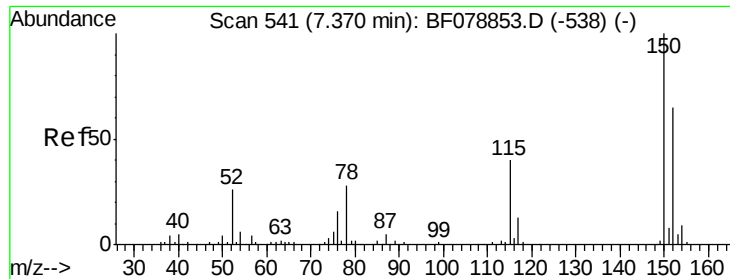
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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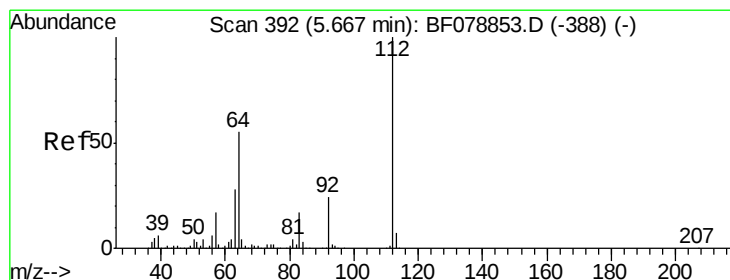
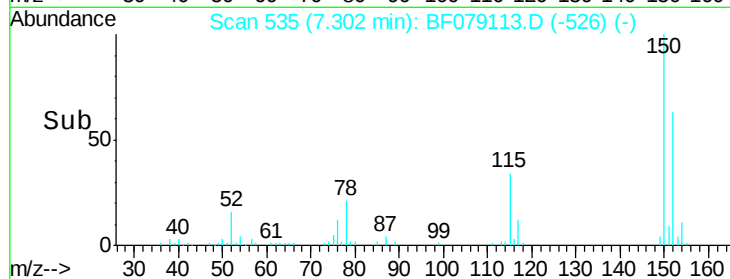
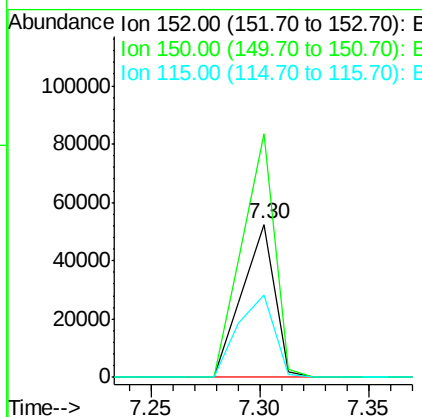
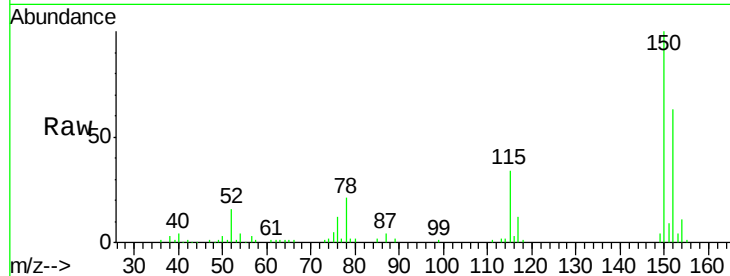


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079113.D
Acq: 11 May 2015 13:56

Instrument :
BNA_F
ClientSampleId :
S32-0482

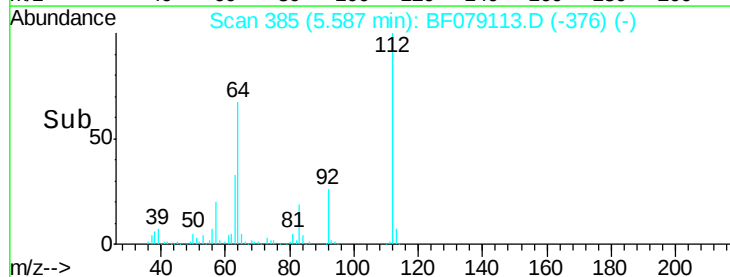
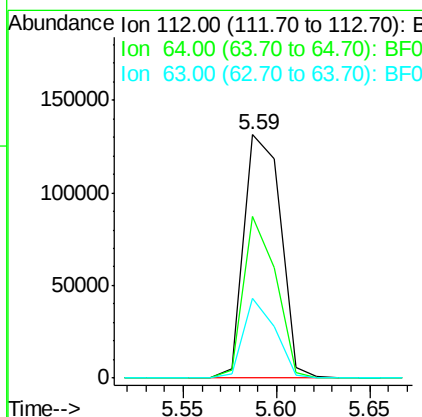
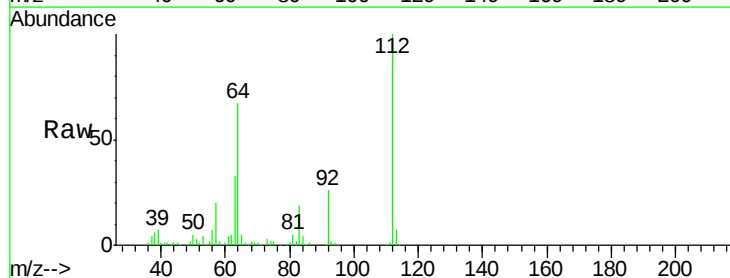
Tot Ion:152 Resp: 55000
Ion Ratio Lower Upper
152 100
150 158.8 122.0 183.0
115 53.3 46.3 69.5



#5

2-Fluorophenol
Concen: 56.19 ng
RT: 5.59 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF079113.D
Acq: 11 May 2015 13:56

Tgt Ion:112 Resp: 179549
Ion Ratio Lower Upper
112 100
64 66.6 53.5 80.3
63 32.6 27.5 41.3





#7

Phenol-d6

Concen: 34.54 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079113.D

Acq: 11 May 2015 13:56

Instrument :

BNA_F

ClientSampleId :

S32-0482

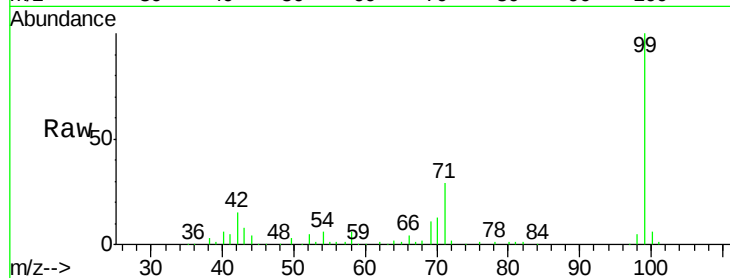
Tot Ion: 99 Resp: 145861

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

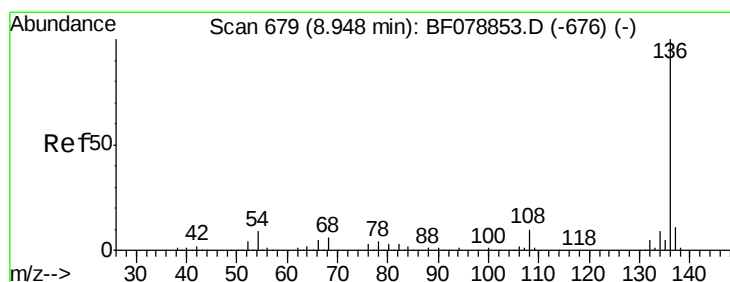
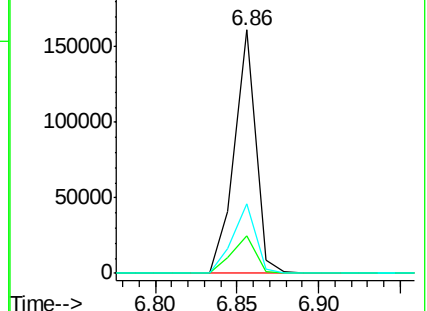
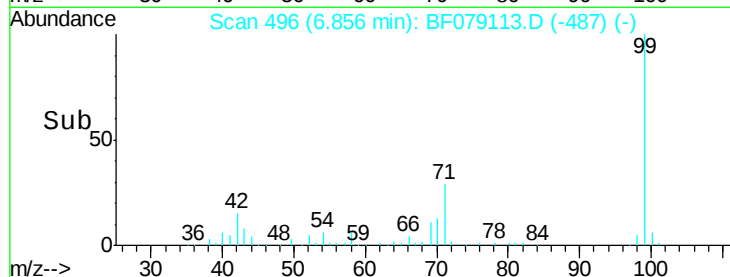
71 28.6 23.4 35.2



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: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079113.D

Acq: 11 May 2015 13:56

Tgt Ion: 136 Resp: 225690

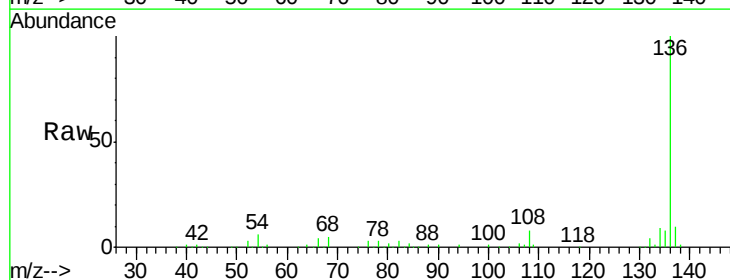
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.9 5.8 8.8

68 4.7 4.2 6.4

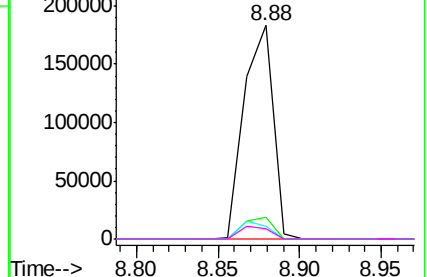
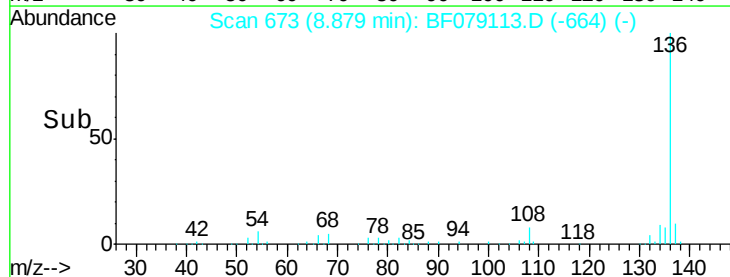


Abundance Ion 136.00 (135.70 to 136.70): E

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

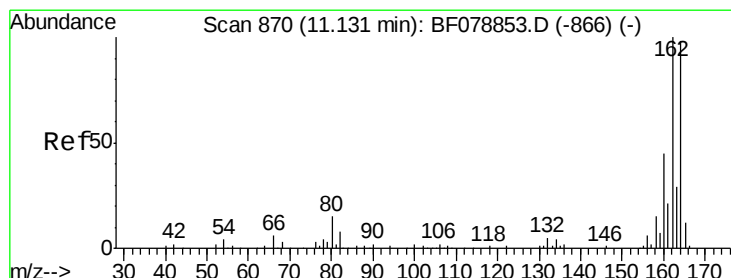
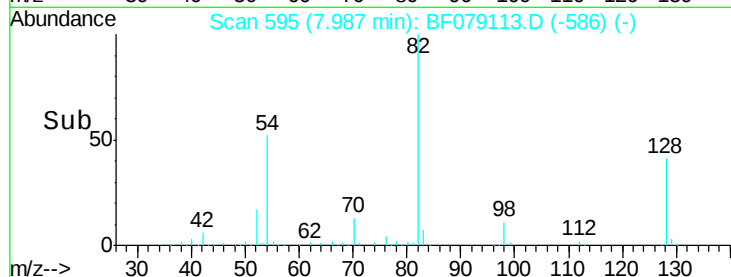
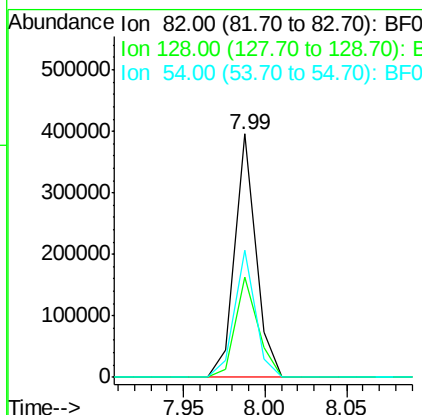
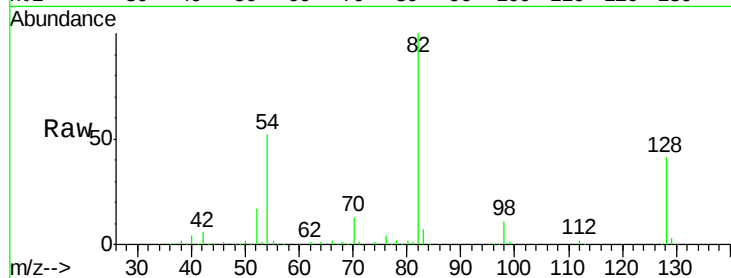




#23
 Nitrobenzene-d5
 Concen: 90.25 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079113.D
 Acq: 11 May 2015 13:56

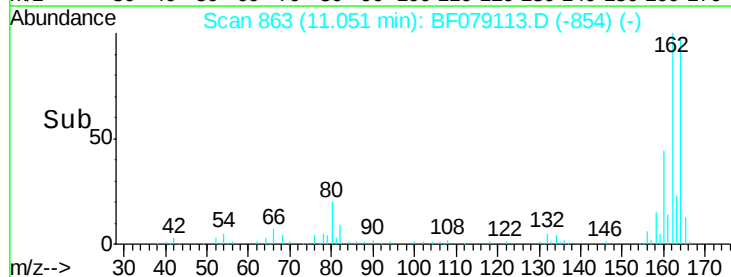
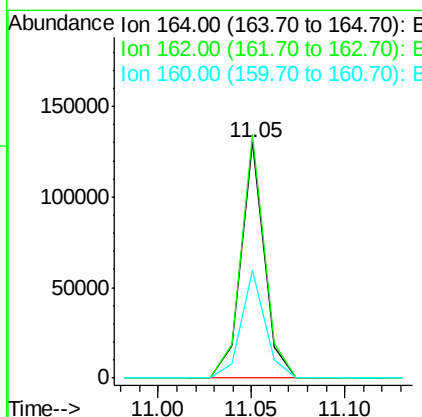
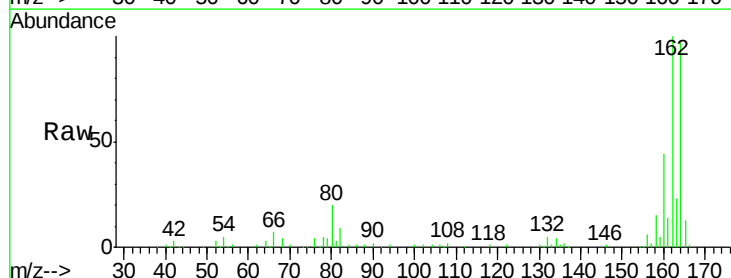
Instrument :
 BNA_F
 ClientSampleId :
 S32-0482

Tot Ion	82	Resp	354398
Ion Ratio	Lower	Upper	
82	100		
128	41.0	30.0	45.0
54	52.2	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079113.D
 Acq: 11 May 2015 13:56

Tgt Ion	164	Resp	113903
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.7	124.1
160	45.9	35.8	53.8

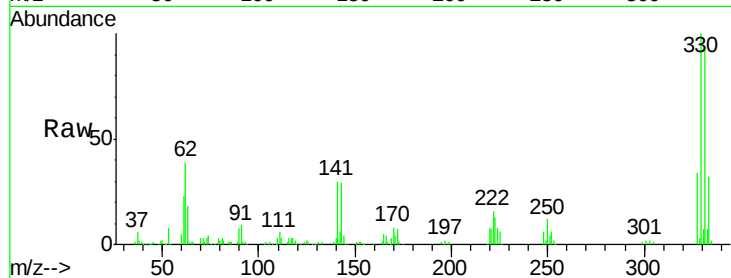




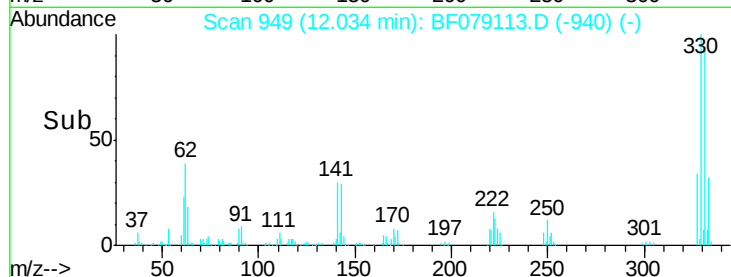
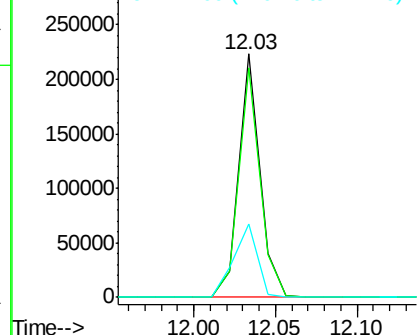
#41
 2,4,6-Tribromophenol
 Concen: 162.65 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079113.D
 Acq: 11 May 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 S32-0482

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	33.6	0.0	0.0#

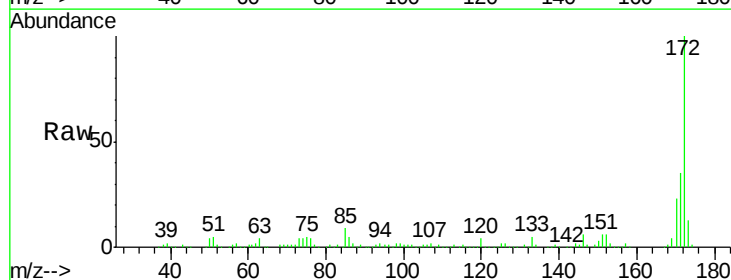


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

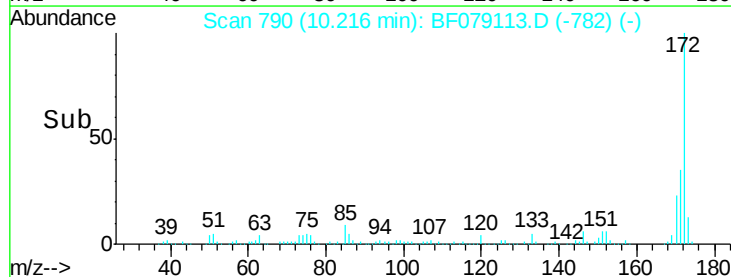
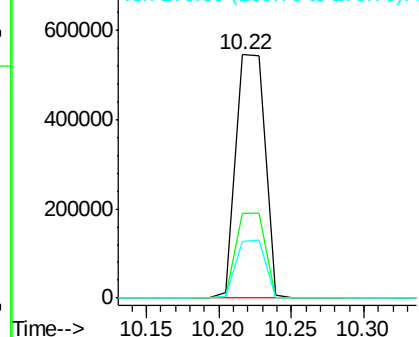


#44
 2-Fluorobiphenyl
 Concen: 93.12 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079113.D
 Acq: 11 May 2015 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.4	19.4	29.0



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

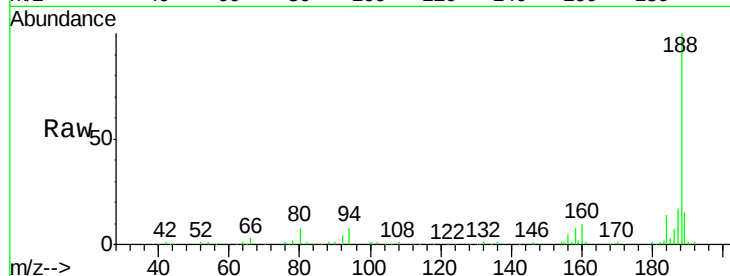




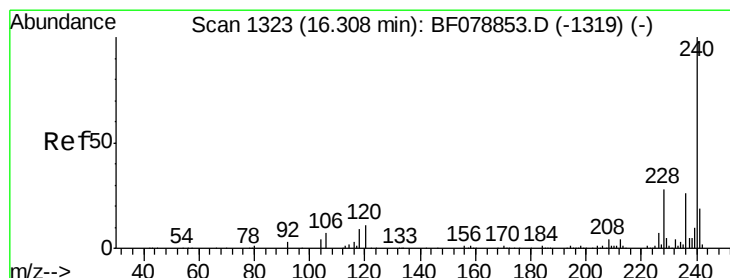
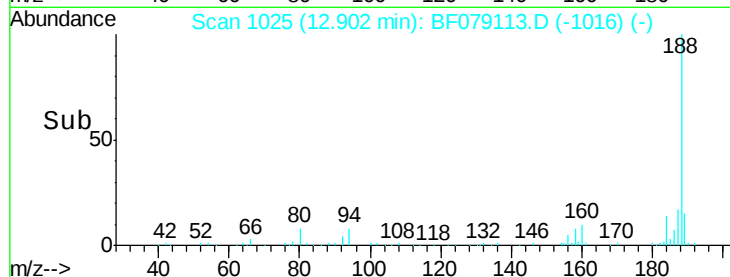
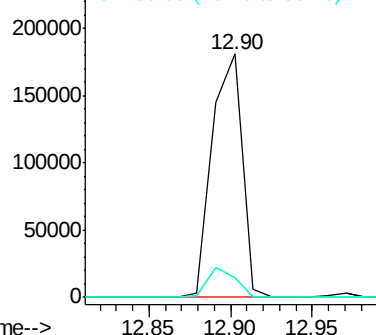
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF079113.D
Acq: 11 May 2015 13:56

Instrument :
BNA_F
ClientSampleId :
S32-0482

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.1	8.9	13.3#

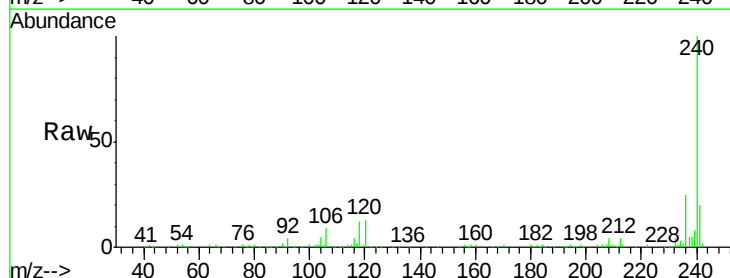


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

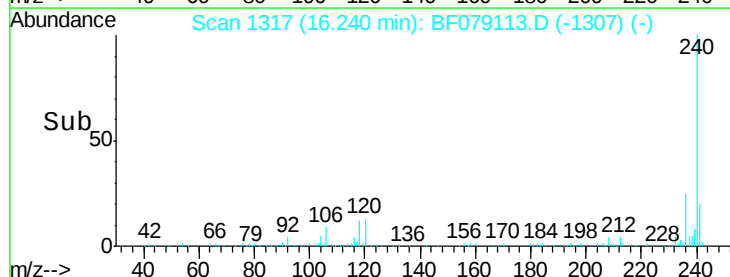
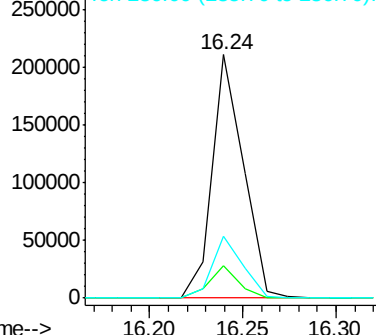


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF079113.D
Acq: 11 May 2015 13:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.7	14.5
236	25.4	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

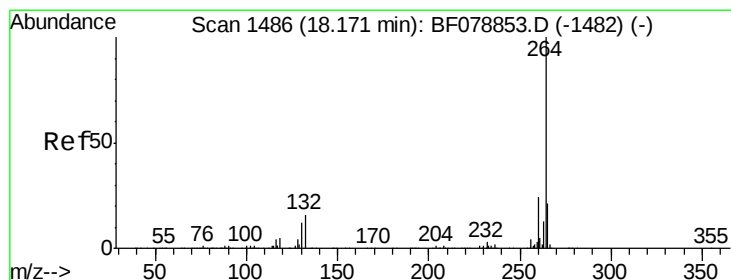
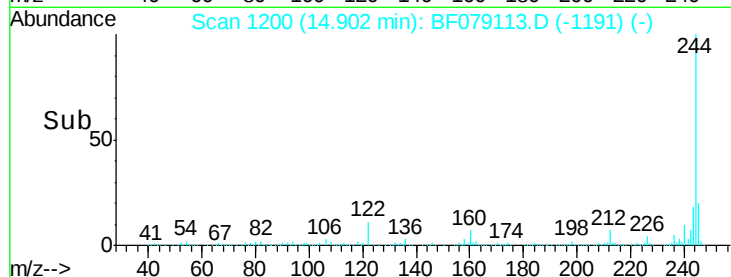
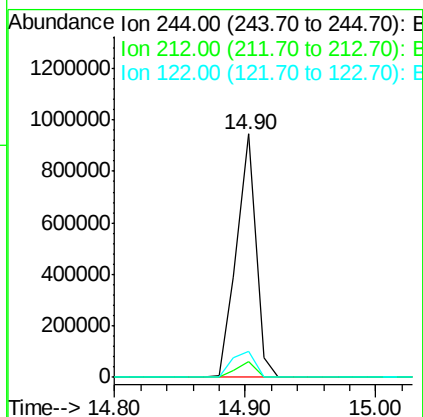
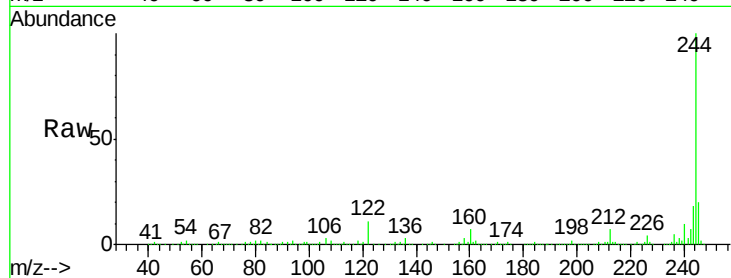




#78
 Terphenyl-d14
 Concen: 95.08 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF079113.D
 Acq: 11 May 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 S32-0482

Tot Ion:244 Resp: 975299
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.13 min Scan# 1482
 Delta R.T. 0.07 min
 Lab File: BF079113.D
 Acq: 11 May 2015 13:56

Tgt Ion:264 Resp: 256584
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.9 18.3 27.5

