

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079114.D
 Acq On : 11 May 2015 14:25
 Operator : TP/IZ
 Sample : G2182-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-0483

Quant Time: May 12 02:18:13 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	51910	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	214036	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	112077	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	214502	20.00	ng	0.00
75) Chrysene-d12	16.23	240	231896	20.00	ng	0.00
86) Perylene-d12	18.11	264	252149	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	184131	61.06	ng	0.00
7) Phenol-d6	6.86	99	152150	38.17	ng	0.00
23) Nitrobenzene-d5	7.99	82	341998	91.83	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	189957	156.67	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	715053	88.89	ng	-0.01
78) Terphenyl-d14	14.90	244	905991	93.54	ng	0.00

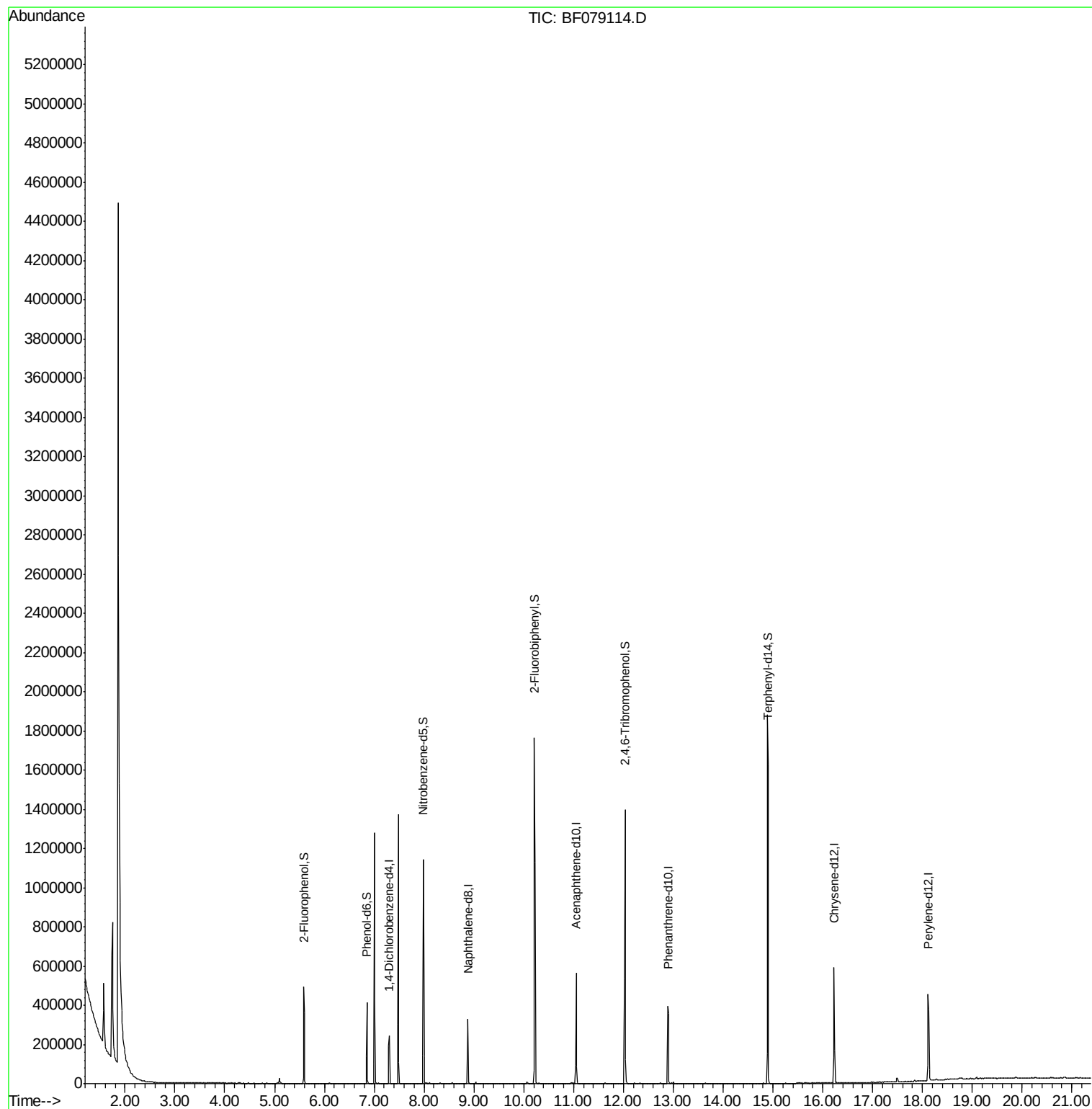
Target Compounds Qvalue

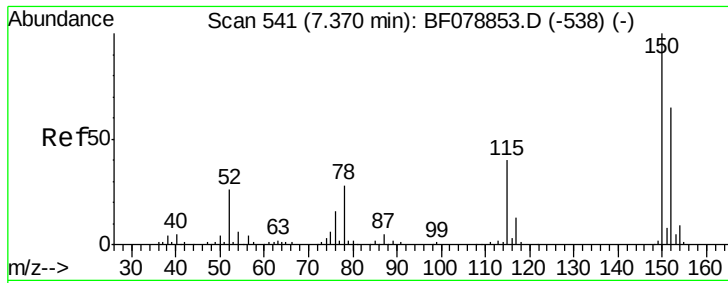
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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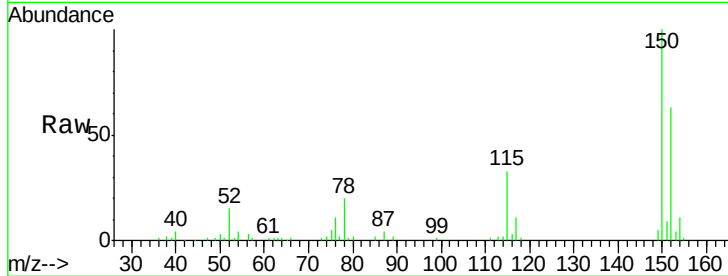


#1

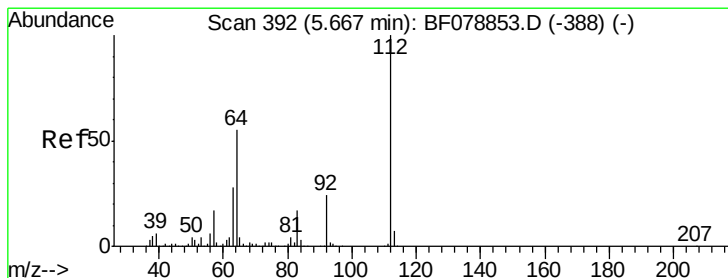
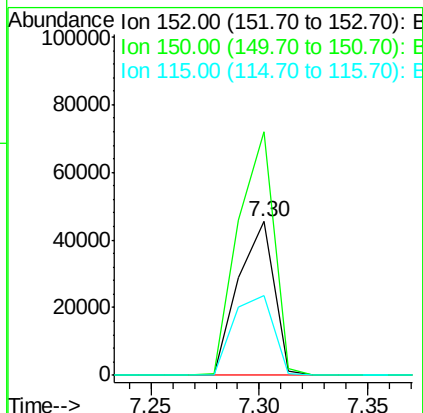
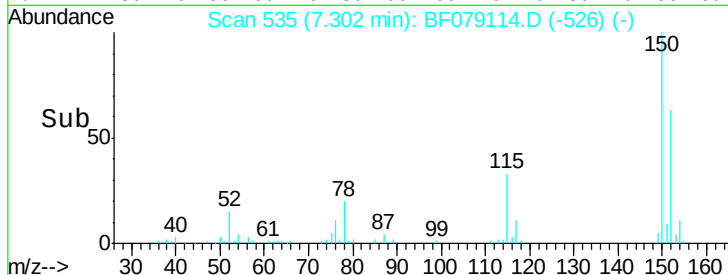
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 S32-0483

Tot Ion:152 Resp: 51910
 Ion Ratio Lower Upper
 152 100
 150 158.1 122.0 183.0
 115 52.2 46.3 69.5



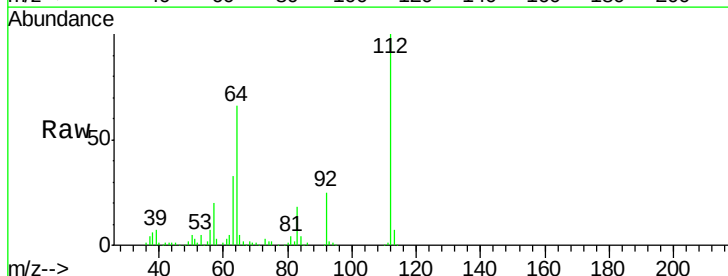
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



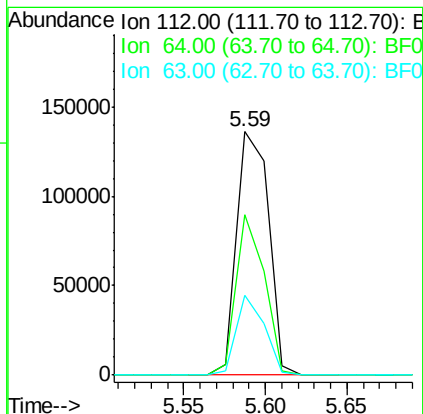
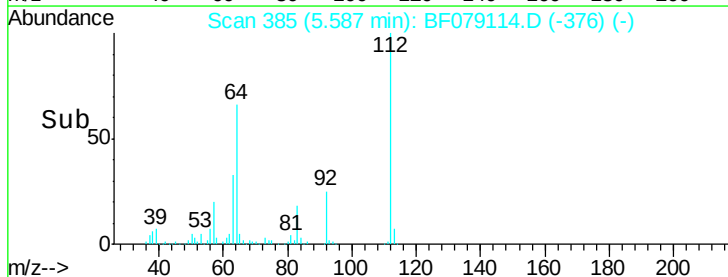
#5

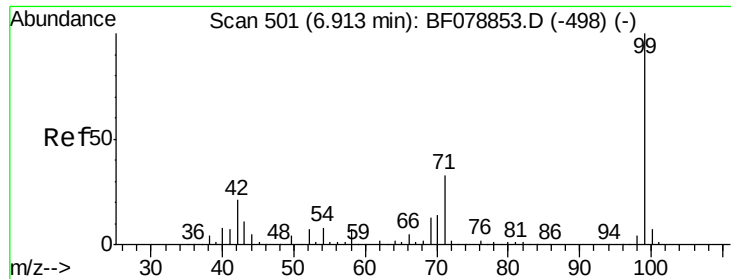
2-Fluorophenol
 Concen: 61.06 ng
 RT: 5.59 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

Tgt Ion:112 Resp: 184131
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.5 80.3
 63 32.6 27.5 41.3



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: 38.17 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079114.D

Acq: 11 May 2015 14:25

Instrument :

BNA_F

ClientSampleId :

S32-0483

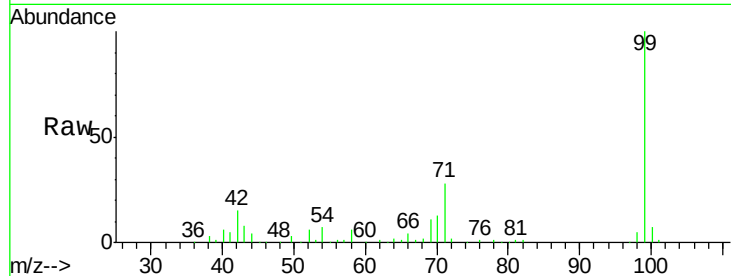
Tot Ion: 99 Resp: 152150

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

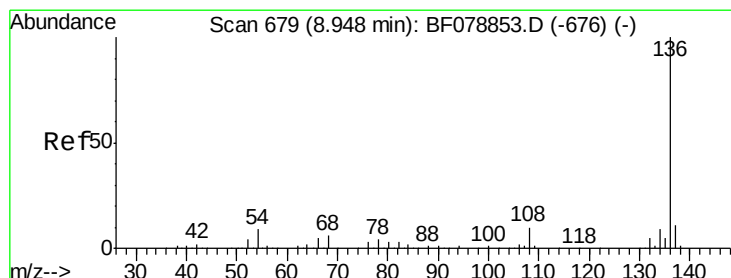
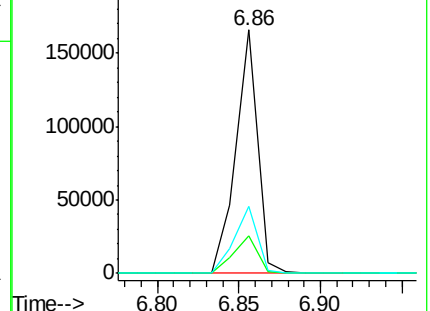
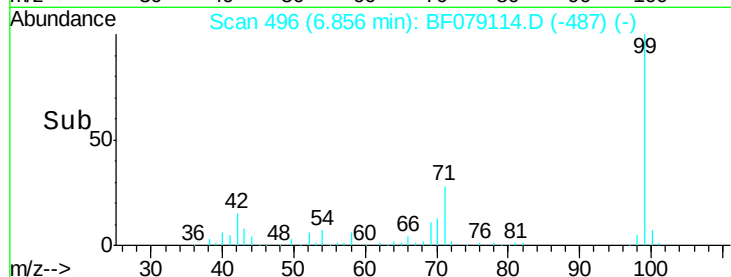
71 27.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079114.D (-487) (-)

Ion 42.00 (41.70 to 42.70): BF079114.D (-487) (-)

Ion 71.00 (70.70 to 71.70): BF079114.D (-487) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF079114.D

Acq: 11 May 2015 14:25

Tgt Ion: 136 Resp: 214036

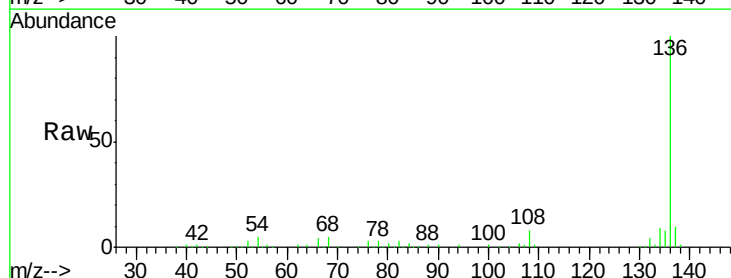
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.5 5.8 8.8#

68 4.7 4.2 6.4

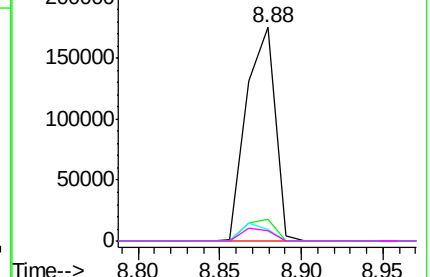
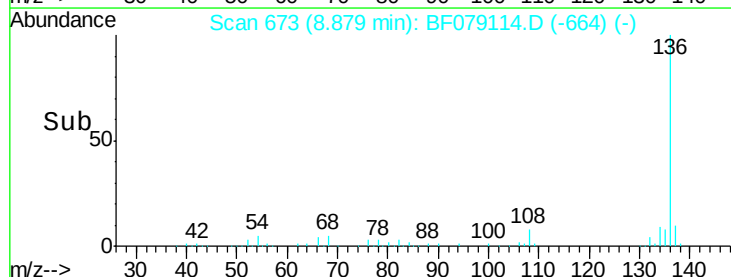


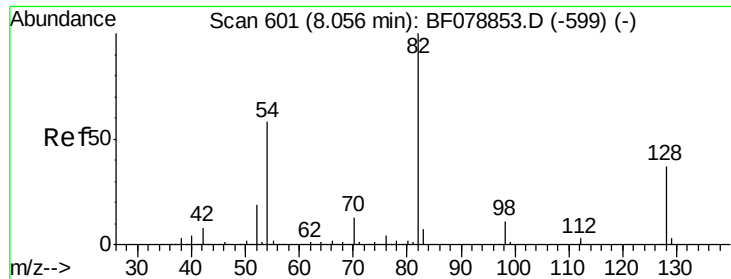
Abundance Ion 136.00 (135.70 to 136.70): BF079114.D (-664) (-)

Ion 137.00 (136.70 to 137.70): BF079114.D (-664) (-)

Ion 54.00 (53.70 to 54.70): BF079114.D (-664) (-)

Ion 68.00 (67.70 to 68.70): BF079114.D (-664) (-)

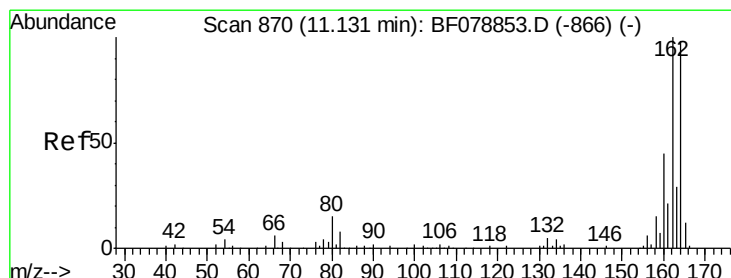
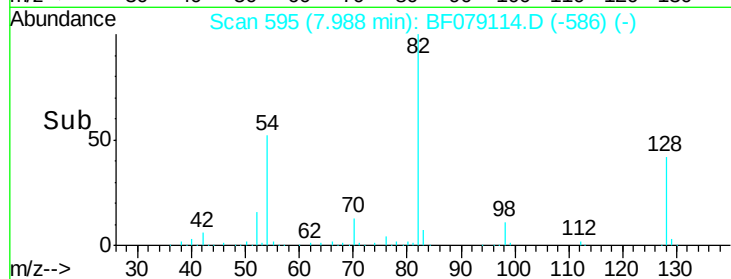
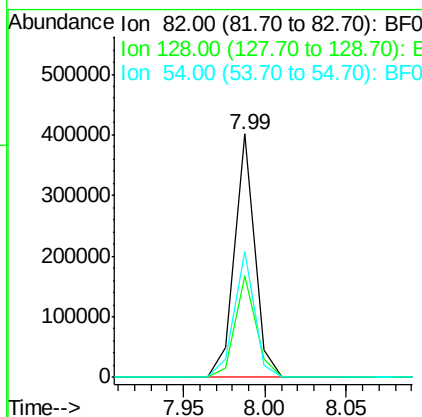
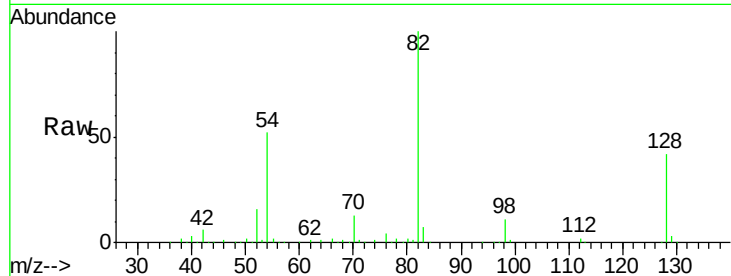




#23
 Nitrobenzene-d5
 Concen: 91.83 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

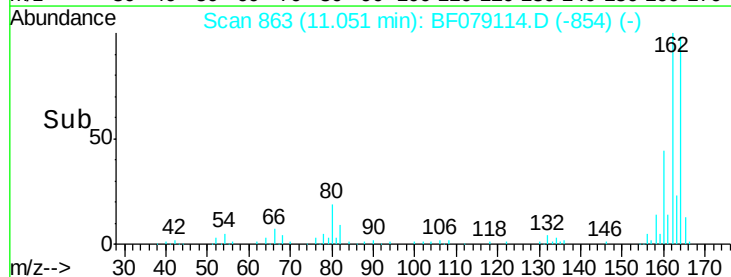
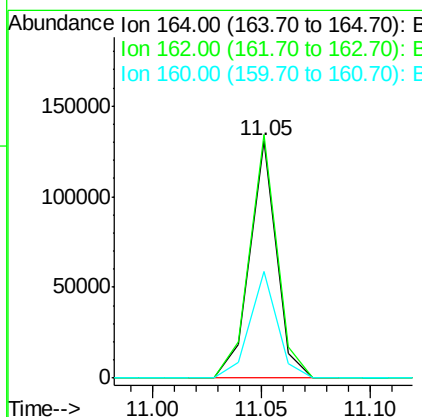
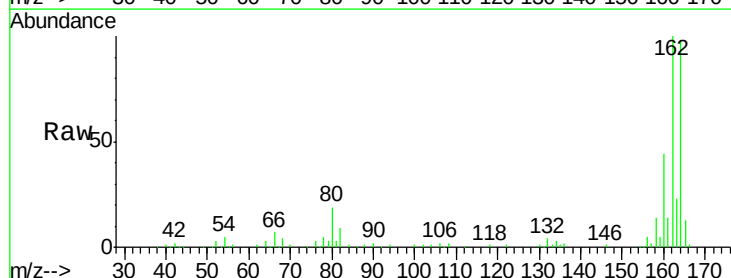
Instrument :
 BNA_F
 ClientSampleId :
 S32-0483

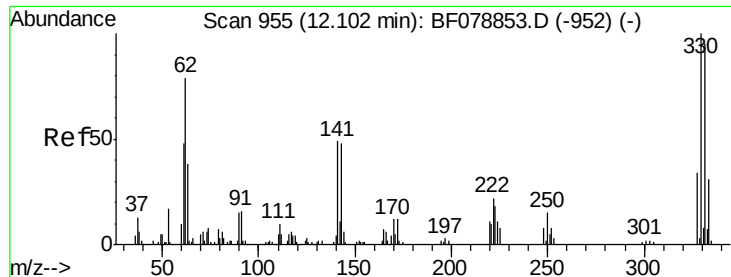
Tot Ion	82	Resp	341998
Ion Ratio	100	Lower	Upper
128	41.7	30.0	45.0
54	51.9	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

Tgt Ion	164	Resp	112077
Ion Ratio	100	Lower	Upper
162	102.5	82.7	124.1
160	45.1	35.8	53.8

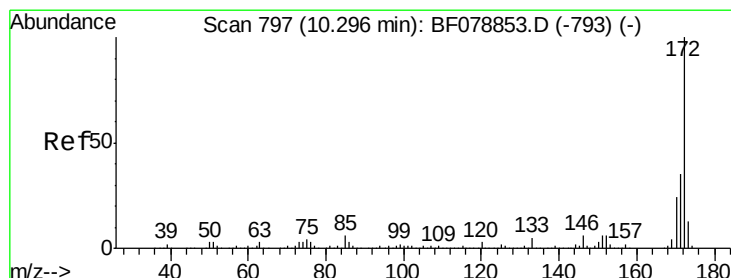
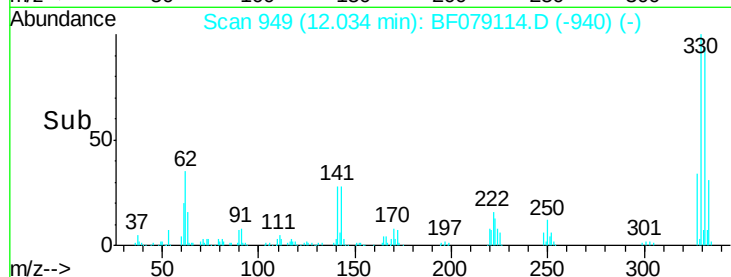
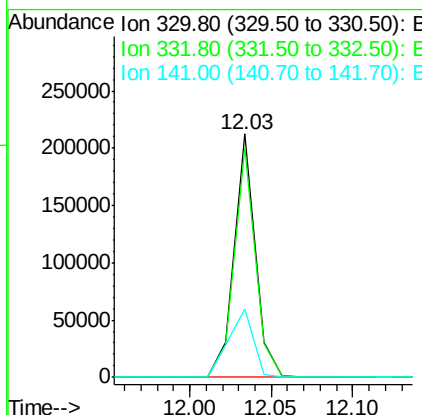
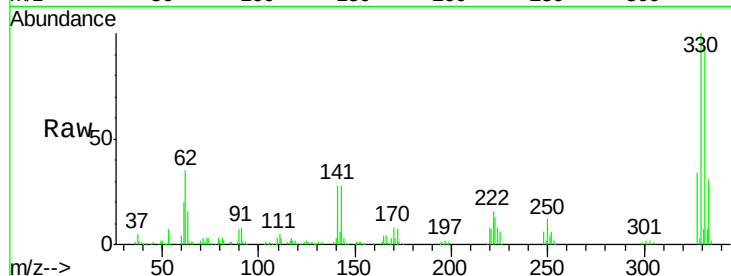




#41
 2,4,6-Tribromophenol
 Concen: 156.67 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

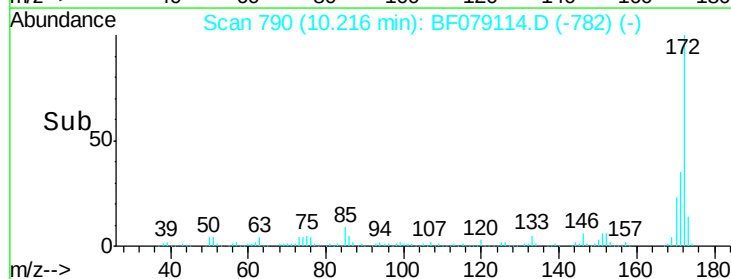
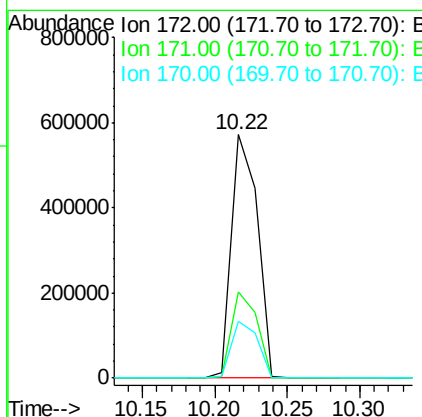
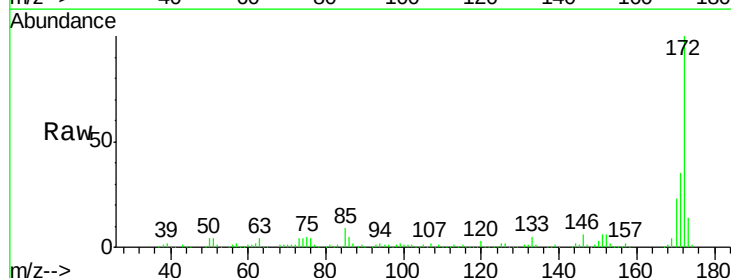
Instrument :
 BNA_F
 ClientSampled :
 S32-0483

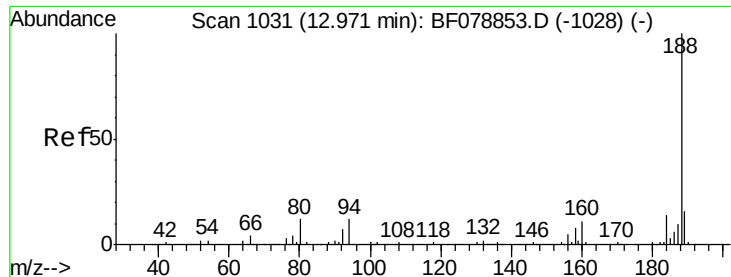
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	33.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.89 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.4	19.4	29.0

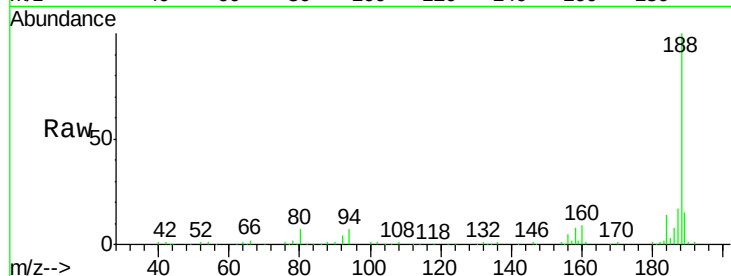




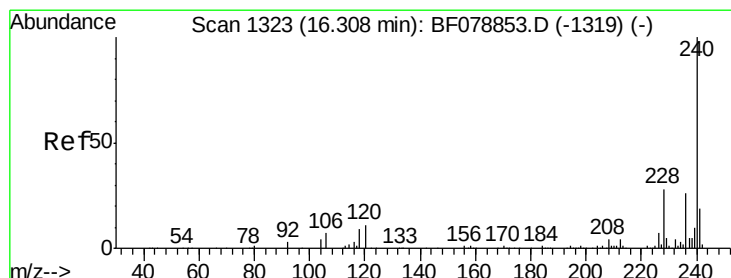
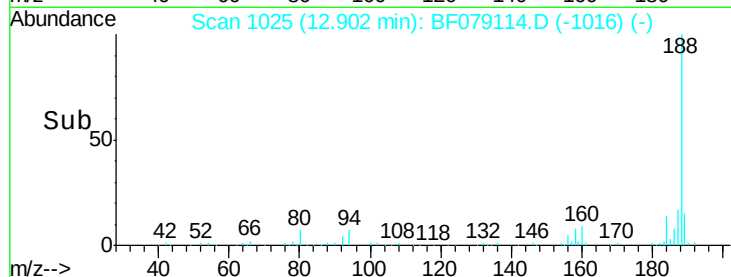
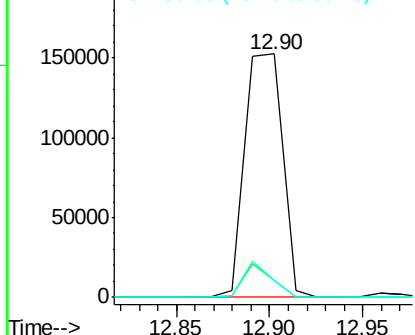
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079114.D
Acq: 11 May 2015 14:25

Instrument :
BNA_F
ClientSampleId :
S32-0483

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.2	12.2#
80	7.3	8.9	13.3#

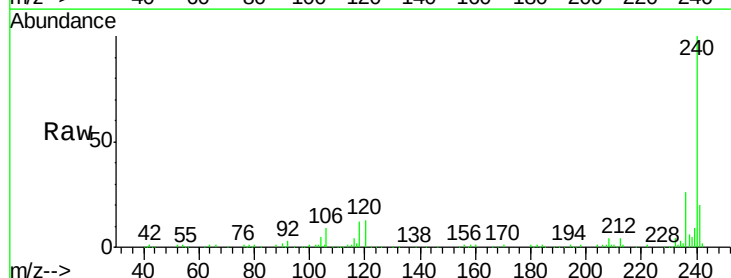


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

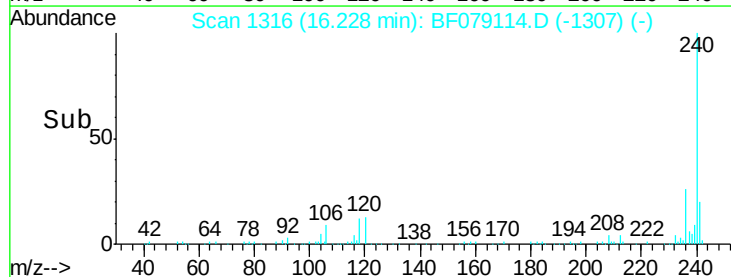
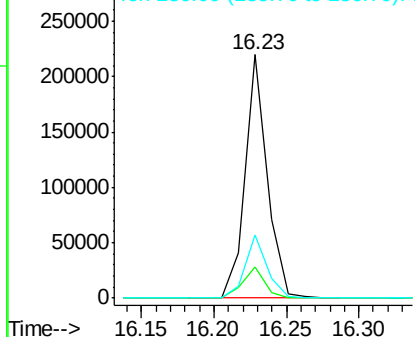


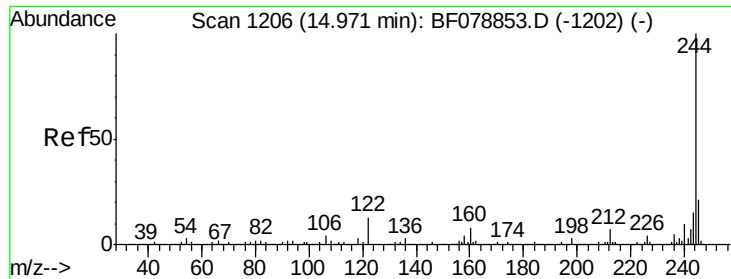
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF079114.D
Acq: 11 May 2015 14:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.7	14.5
236	26.1	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

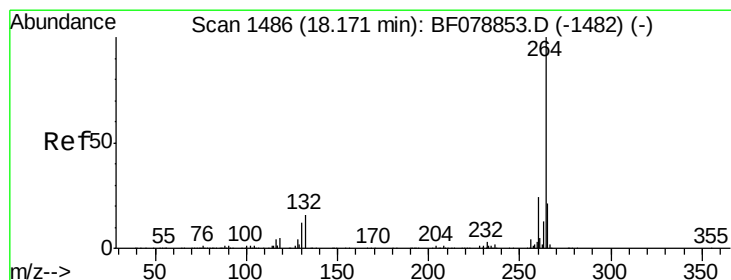
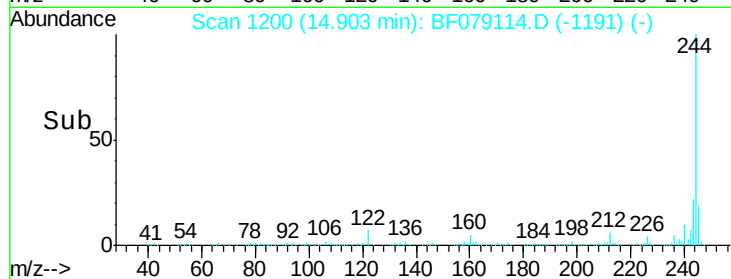
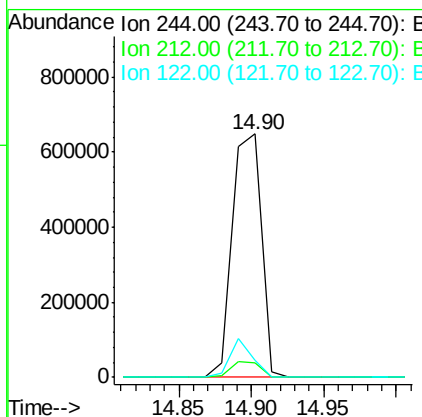
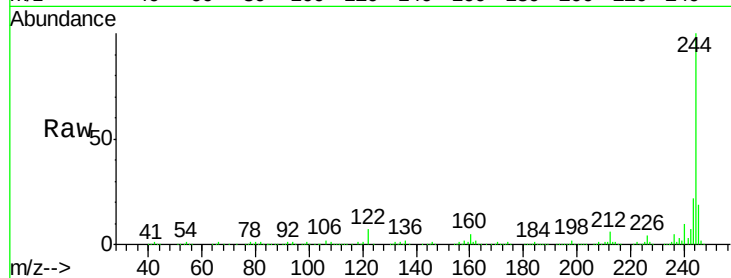




#78
 Terphenyl-d14
 Concen: 93.54 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 S32-0483

Tot Ion:244 Resp: 905991
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.6 8.4
 122 7.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.11 min Scan# 1481
 Delta R.T. 0.06 min
 Lab File: BF079114.D
 Acq: 11 May 2015 14:25

Tgt Ion:264 Resp: 252149
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.5 18.3 27.5

