

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079864.D
 Acq On : 10 Jun 2015 14:51
 Operator : TP/IZ
 Sample : G2536-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-24(FILTERED)

Quant Time: Jun 11 01:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

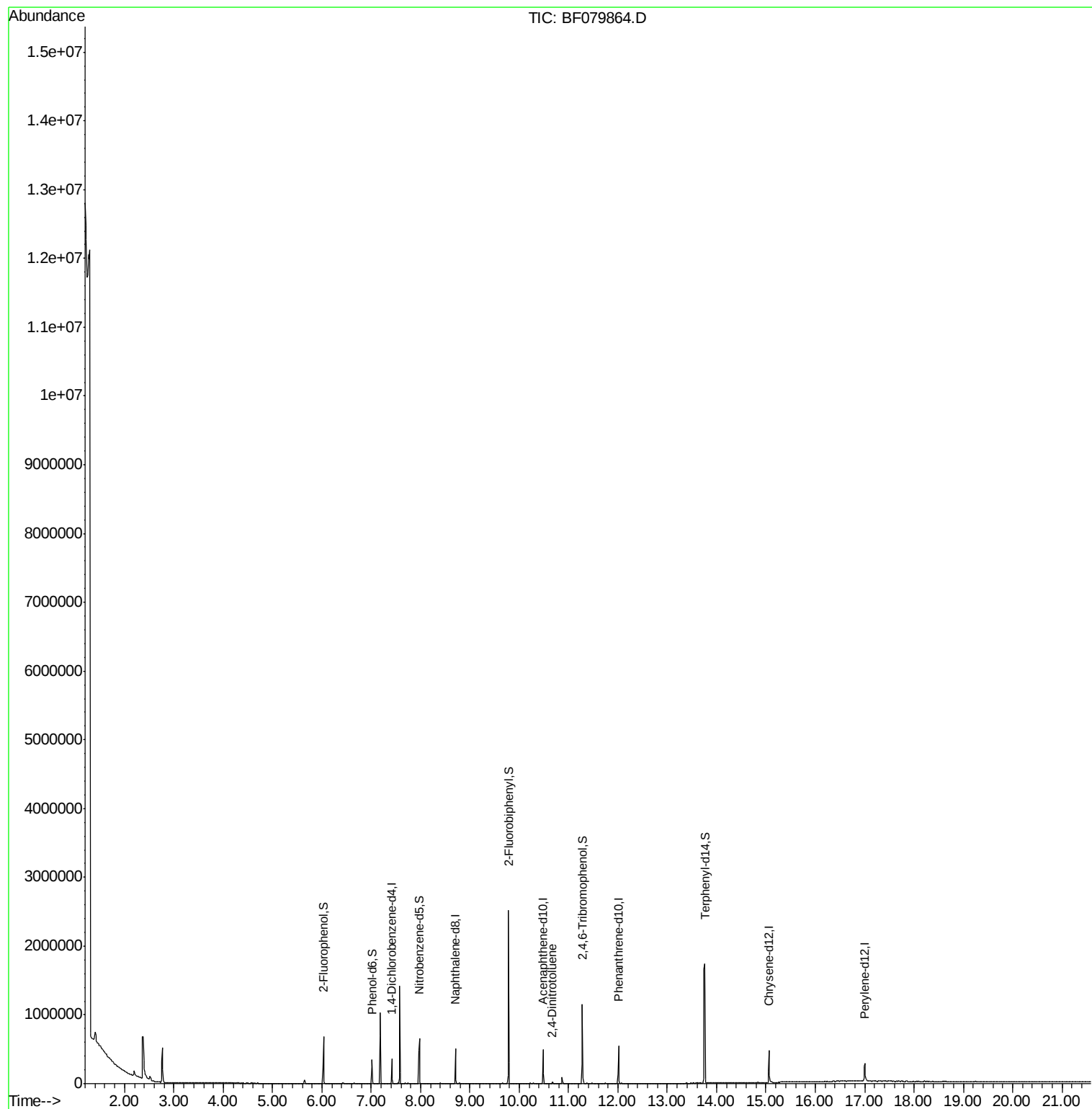
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	48349	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	194888	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	98030	20.00	ng	-0.01
63) Phenanthrene-d10	12.01	188	202100	20.00	ng	0.01
75) Chrysene-d12	15.06	240	202890	20.00	ng	-0.01
86) Perylene-d12	17.01	264	186563	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	182369	62.16	ng	0.00
7) Phenol-d6	7.02	99	150831	39.74	ng	0.00
23) Nitrobenzene-d5	7.98	82	265100	78.58	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	127118	149.84	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	696311	99.90	ng	0.00
78) Terphenyl-d14	13.76	244	870894	96.77	ng	0.02
Target Compounds						
56) 2,4-Dinitrotoluene	10.67	165	410	6.84	ng	Qvalue # 32

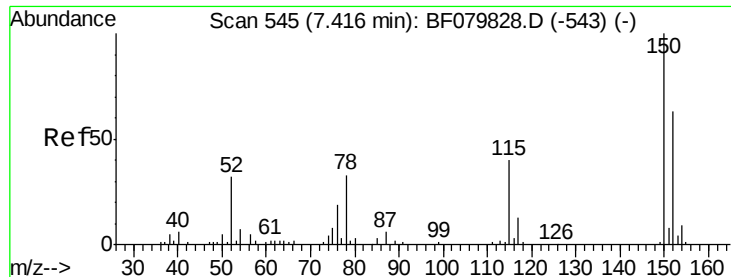
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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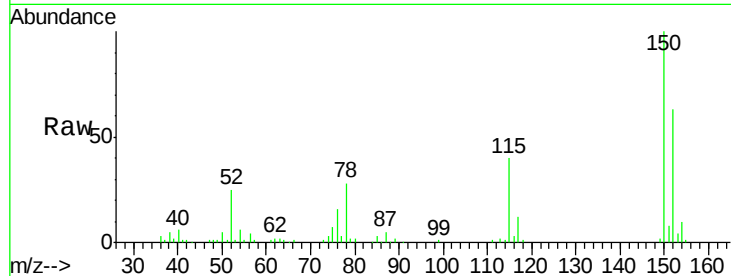


#1

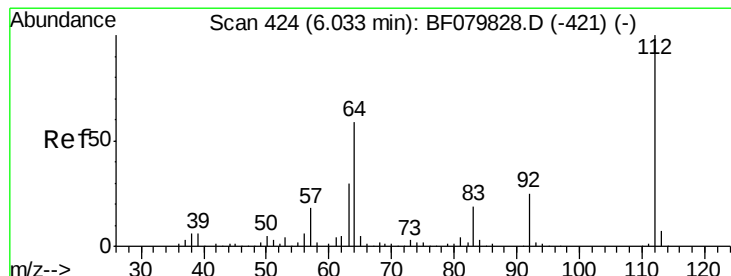
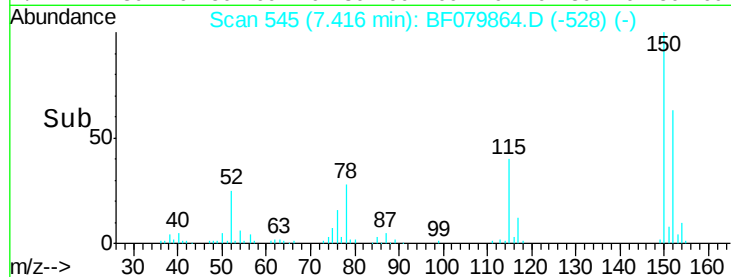
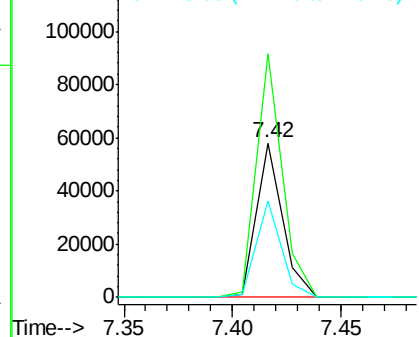
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079864.D
Acq: 10 Jun 2015 14:51

Instrument :
BNA_F
ClientSampleId :
P5-24(FILTERED)

Tgt Ion:152 Resp: 48349
Ion Ratio Lower Upper
152 100
150 157.7 131.4 197.2
115 62.3 56.5 84.7



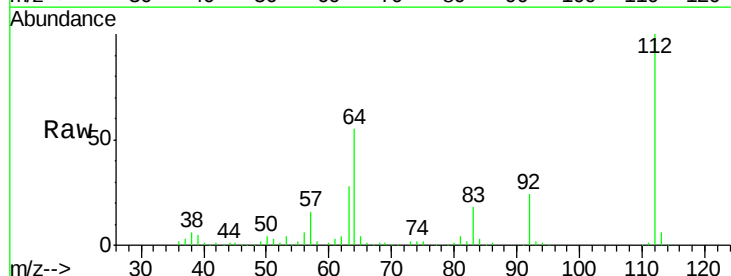
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



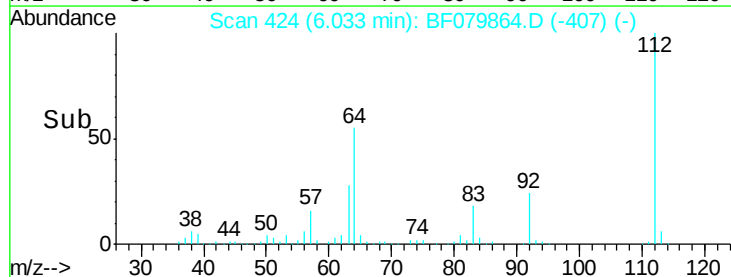
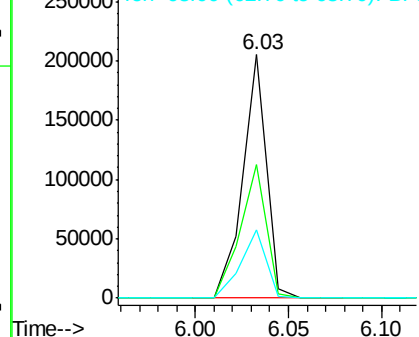
#5

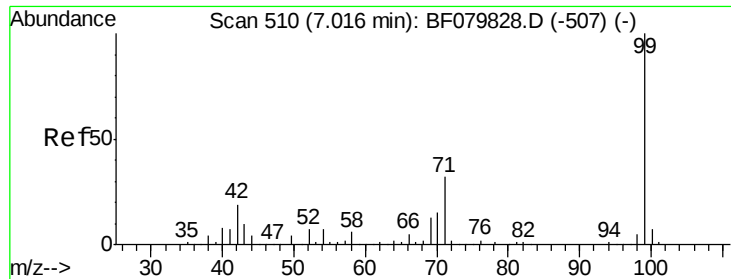
2-Fluorophenol
Concen: 62.16 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079864.D
Acq: 10 Jun 2015 14:51

Tgt Ion:112 Resp: 182369
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.4
63 27.9 22.8 34.2



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: 39.74 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079864.D

Acq: 10 Jun 2015 14:51

Instrument :

BNA_F

ClientSampleId :

P5-24(FILTERED)

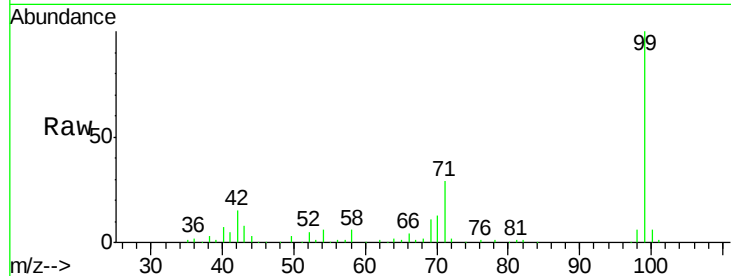
Tgt Ion: 99 Resp: 150831

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

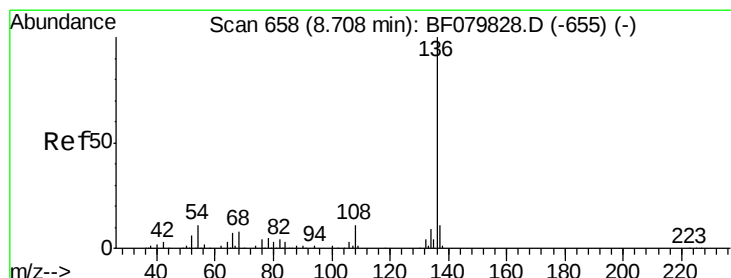
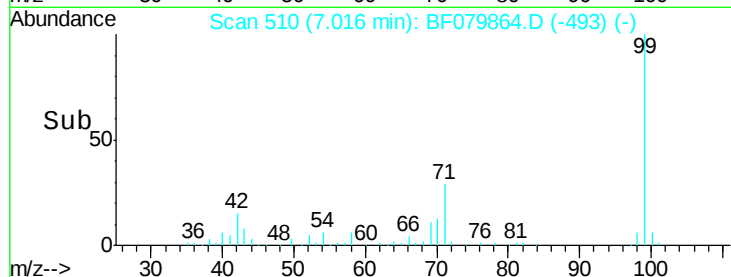
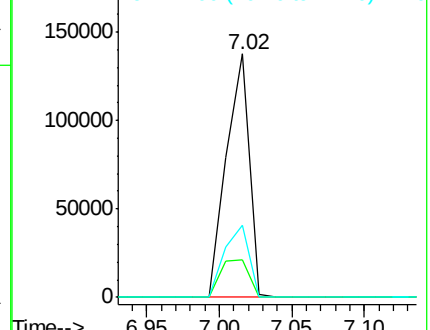
71 29.5 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079864.D

Acq: 10 Jun 2015 14:51

Tgt Ion: 136 Resp: 194888

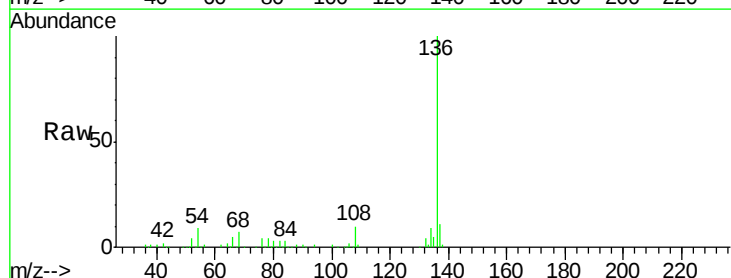
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 8.7 8.1 12.1

68 6.5 4.8 7.2

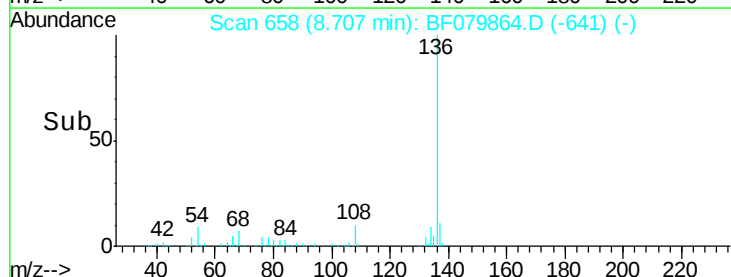
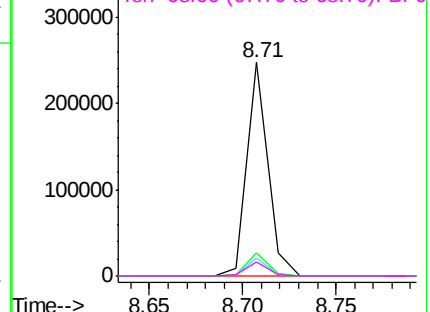


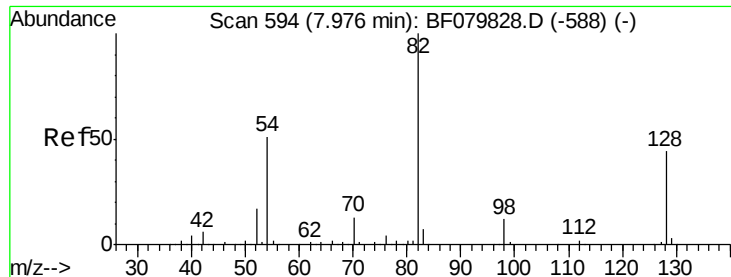
Abundance Ion 136.00 (135.70 to 136.70): E

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

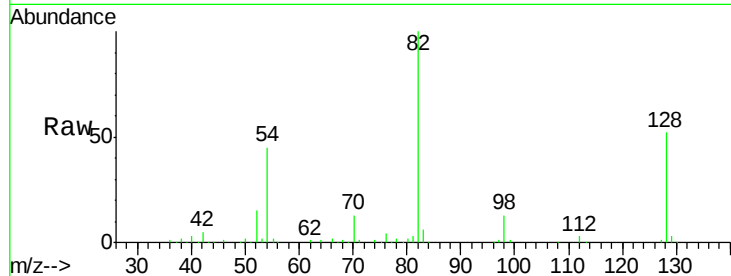




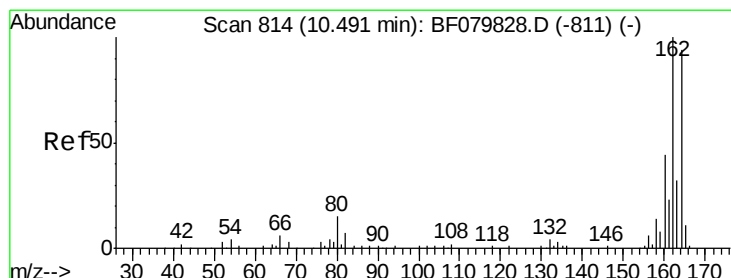
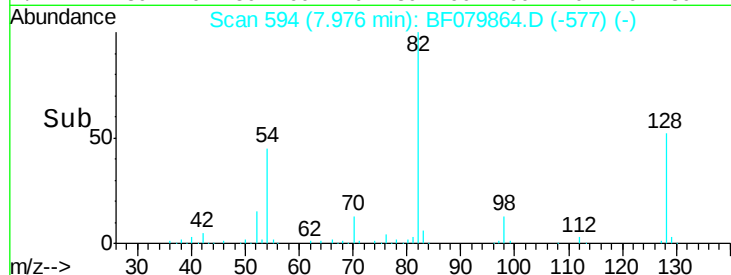
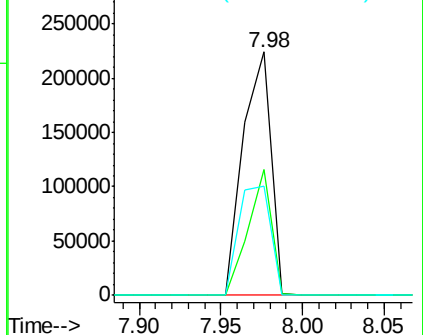
#23
 Nitrobenzene-d5
 Concen: 78.58 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079864.D
 Acq: 10 Jun 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 P5-24(FILTERED)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.8	35.2	52.8
54	44.9	39.2	58.8

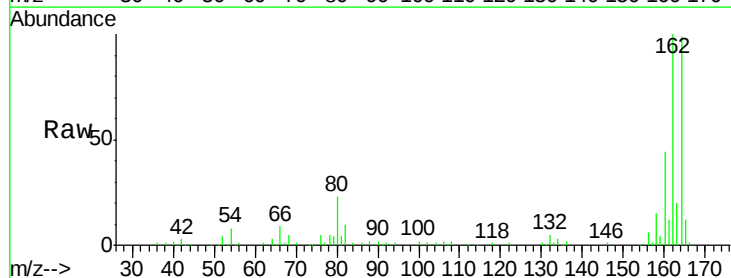


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

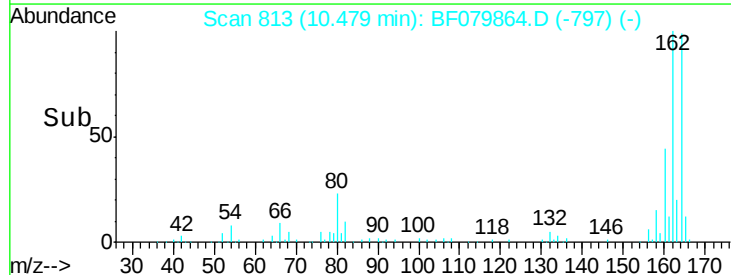
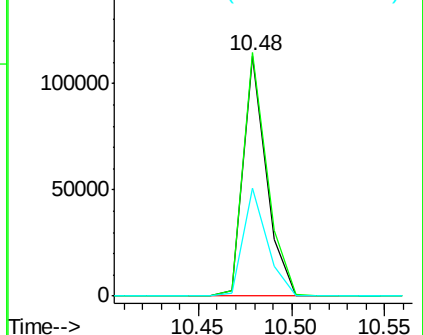


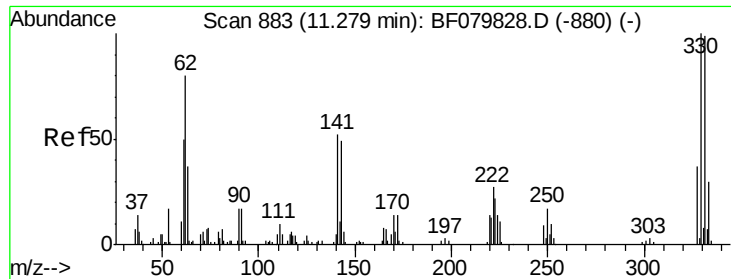
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079864.D
 Acq: 10 Jun 2015 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	89.8	134.8
160	45.0	39.6	59.4



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

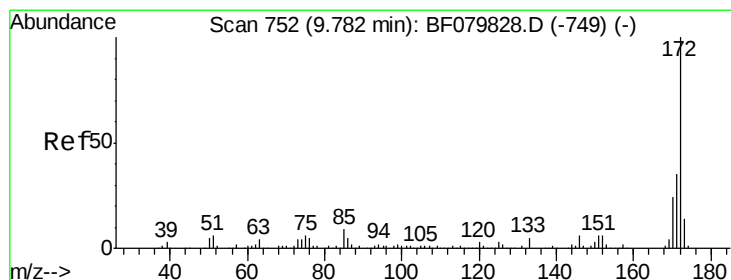
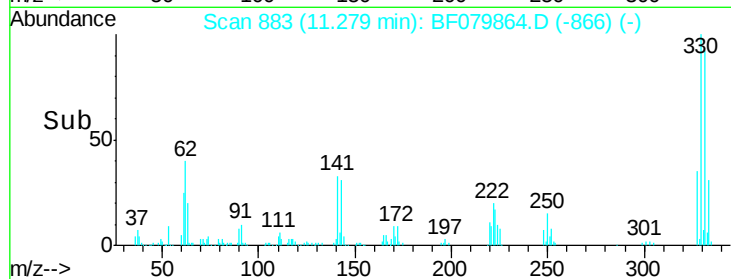
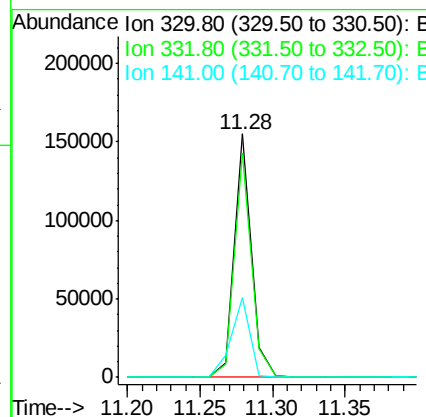
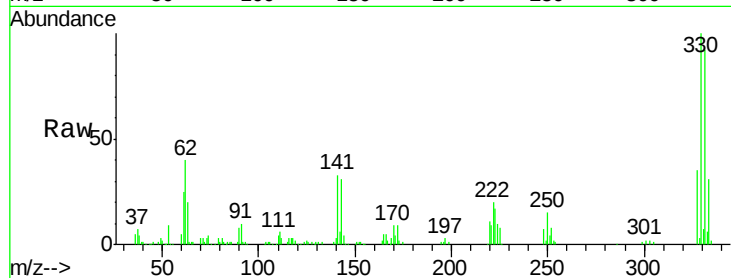




#41
 2,4,6-Tribromophenol
 Concen: 149.84 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079864.D
 Acq: 10 Jun 2015 14:51

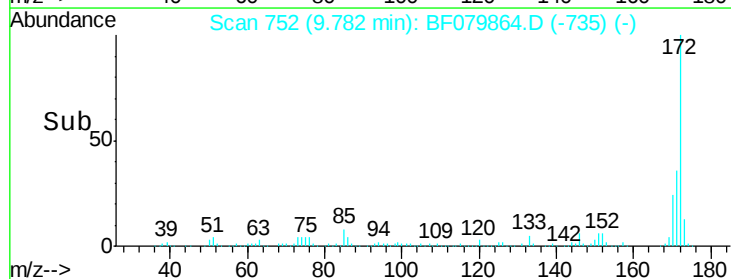
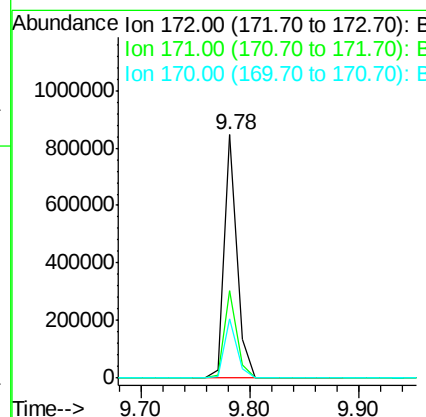
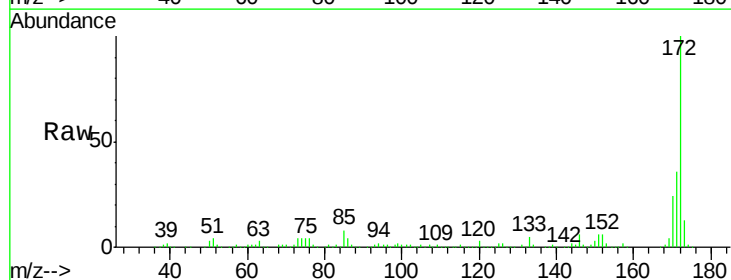
Instrument :
 BNA_F
 ClientSampleId :
 P5-24(FILTERED)

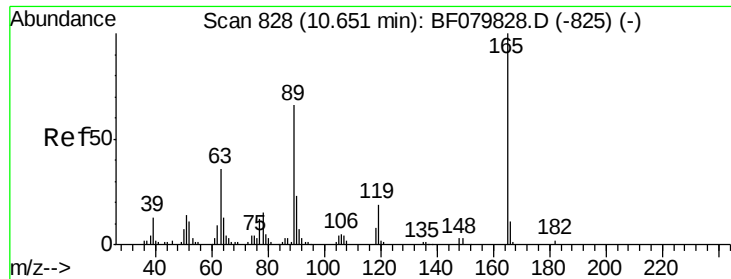
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.8	115.2
141	35.6	29.1	43.7



#44
 2-Fluorobiphenyl
 Concen: 99.90 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079864.D
 Acq: 10 Jun 2015 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.3	18.8	28.2

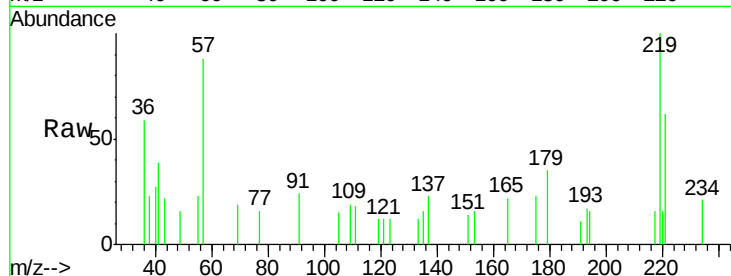




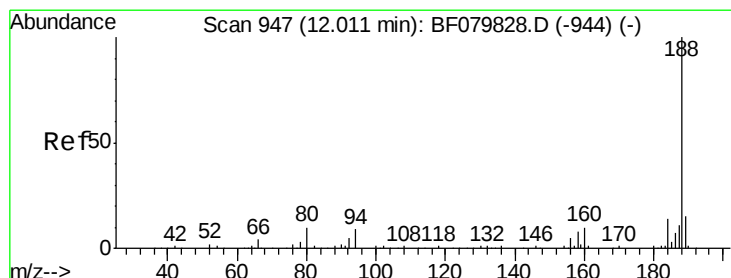
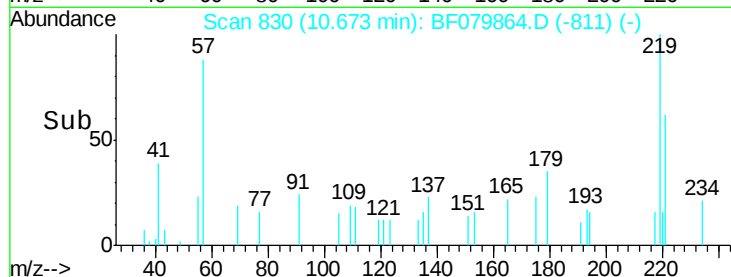
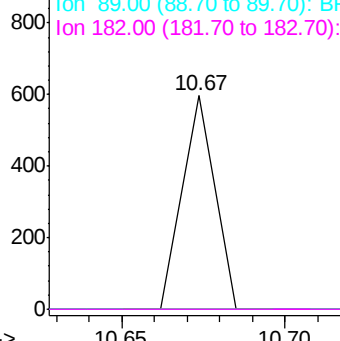
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF079864.D
Acq: 10 Jun 2015 14:51

Instrument :
BNA_F
ClientSampleId :
P5-24(FILTERED)

Tgt Ion:165 Resp: 410
Ion Ratio Lower Upper
165 100
63 0.0 24.4 36.6#
89 0.0 45.3 67.9#
182 0.0 2.0 3.0#

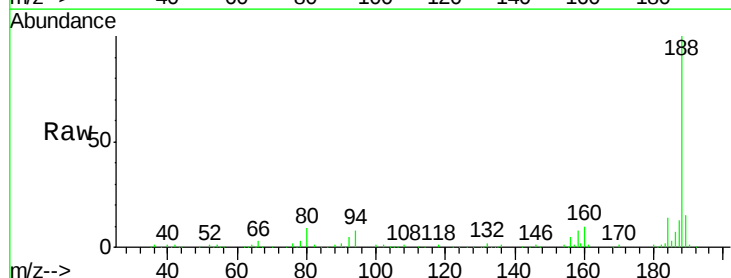


Abundance Ion 165.00 (164.70 to 165.70): E

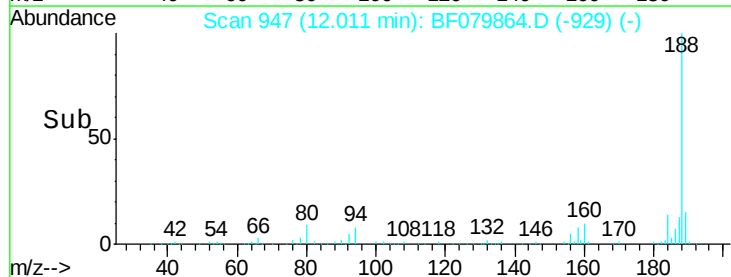
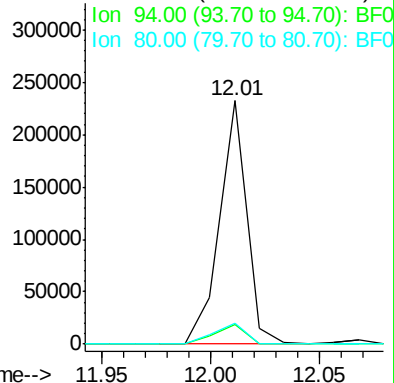


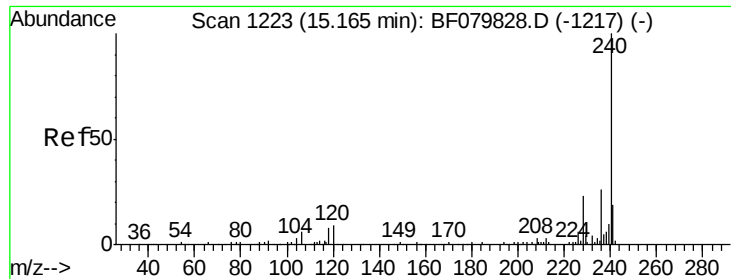
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF079864.D
Acq: 10 Jun 2015 14:51

Tgt Ion:188 Resp: 202100
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.0
80 8.8 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF079864.D

Acq: 10 Jun 2015 14:51

Instrument :

BNA_F

ClientSampleId :

P5-24(FILTERED)

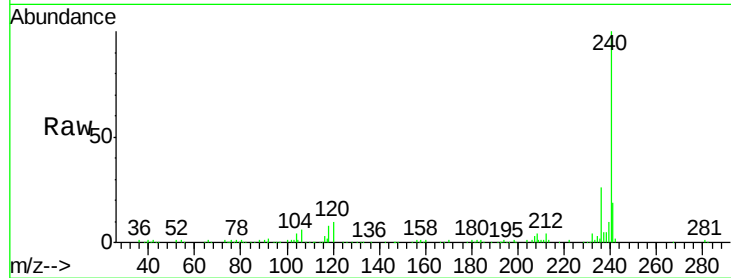
Tgt Ion:240 Resp: 202890

Ion Ratio Lower Upper

240 100

120 9.8 6.6 9.8

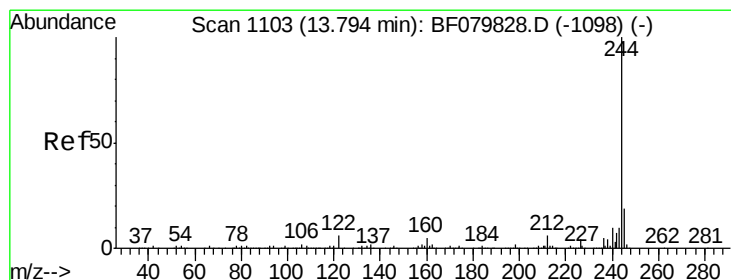
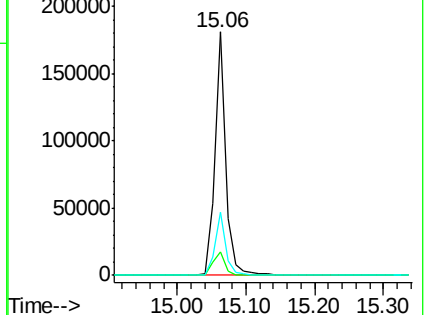
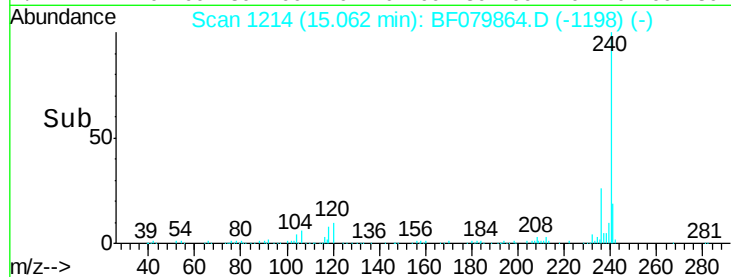
236 26.1 20.2 30.4



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: 96.77 ng

RT: 13.76 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF079864.D

Acq: 10 Jun 2015 14:51

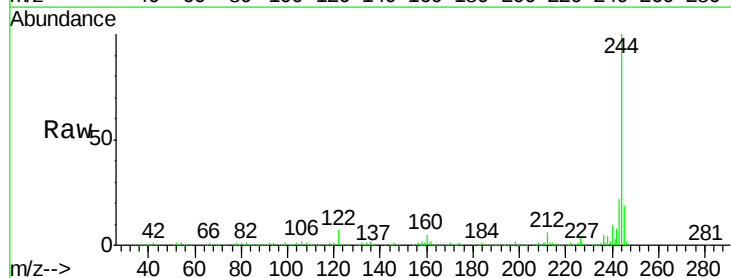
Tgt Ion:244 Resp: 870894

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

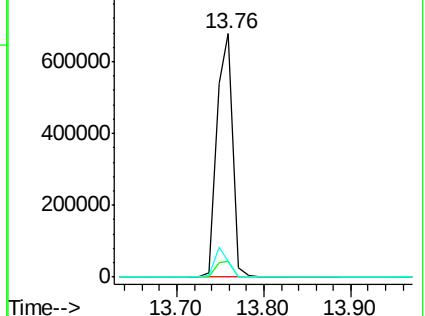
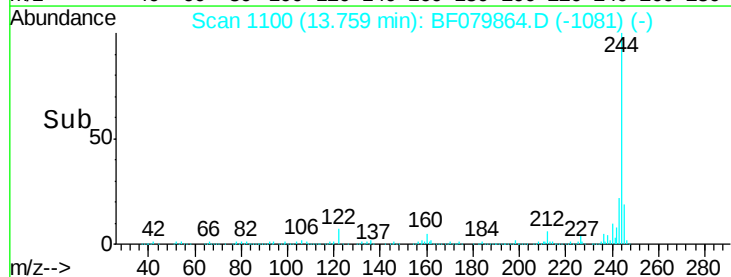
122 6.7 8.2 12.2#

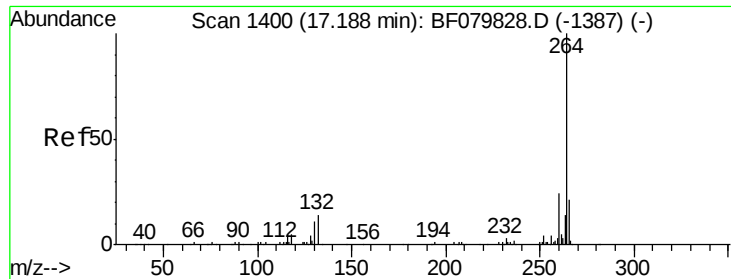


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

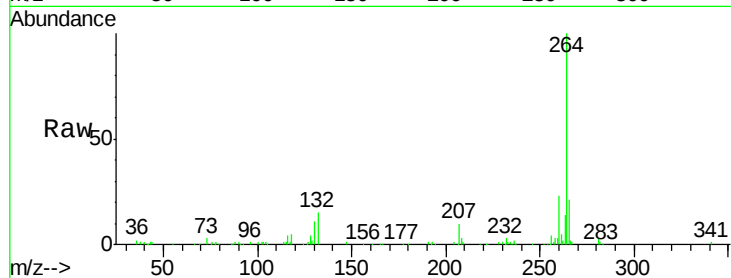




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF079864.D
Acq: 10 Jun 2015 14:51

Instrument :
BNA_F
ClientSampleId :
P5-24(FILTERED)

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	22.5	19.5	29.3	
265	20.7	18.0	27.0	



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

