

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078985.D
 Acq On : 7 May 2015 8:05
 Operator : TP/IZ
 Sample : G2046-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: May 07 08:55:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 08:42:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	65420	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	287336	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	136133	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	268322	20.00	ng	0.00
75) Chrysene-d12	16.25	240	297402	20.00	ng	0.00
86) Perylene-d12	18.05	264	312037	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354387	93.25	ng	0.00
7) Phenol-d6	6.90	99	361487	71.96	ng	0.00
23) Nitrobenzene-d5	8.04	82	413449	82.70	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	228169	154.93	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	833607	85.31	ng	0.00
78) Terphenyl-d14	14.95	244	1086882	87.50	ng	0.00

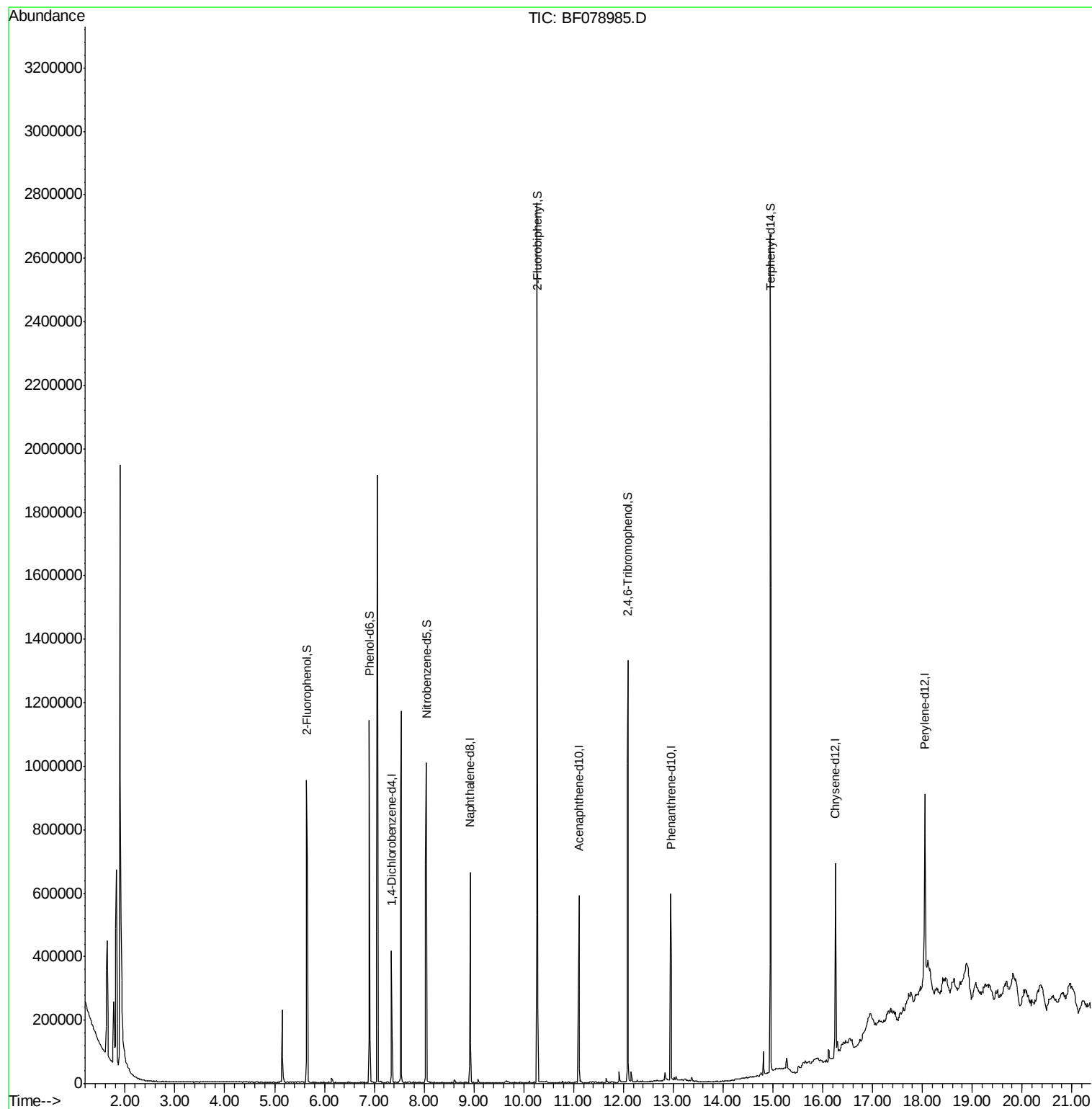
Target Compounds	Qvalue
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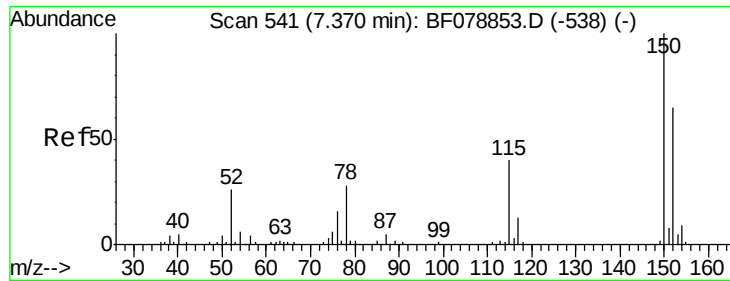
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078985.D

Acq: 7 May 2015 8:05

Instrument :

BNA_F

ClientSampleId :

W-25

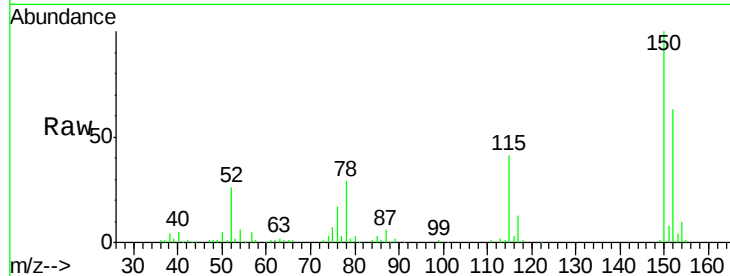
Tot Ion:152 Resp: 65420

Ion Ratio Lower Upper

152 100

150 159.0 122.0 183.0

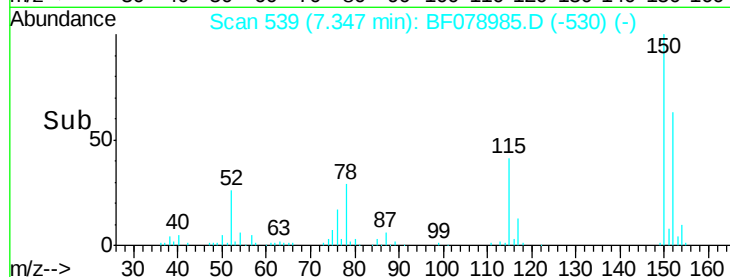
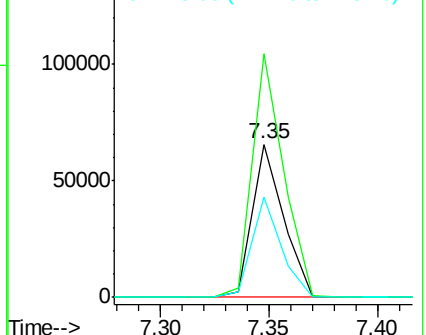
115 65.5 46.3 69.5



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: 93.25 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF078985.D

Acq: 7 May 2015 8:05

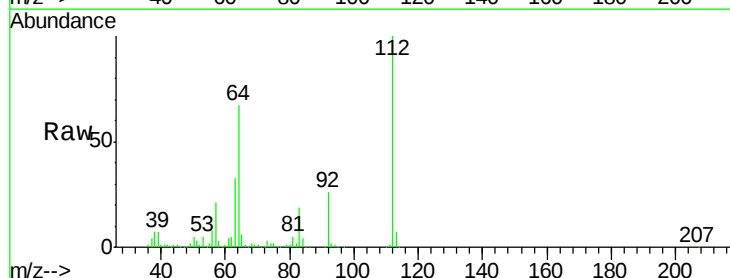
Tgt Ion:112 Resp: 354387

Ion Ratio Lower Upper

112 100

64 66.7 53.5 80.3

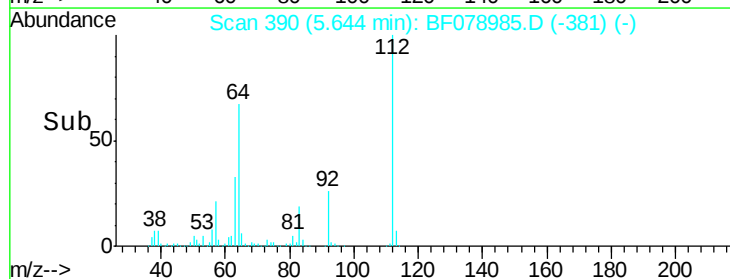
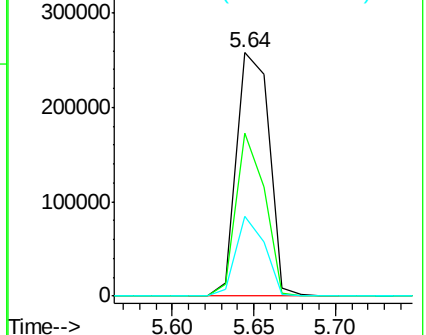
63 32.9 27.5 41.3

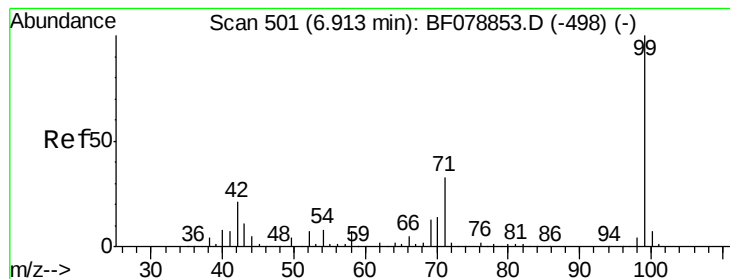


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.96 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078985.D

Acq: 7 May 2015 8:05

Instrument :

BNA_F

ClientSampleId :

W-25

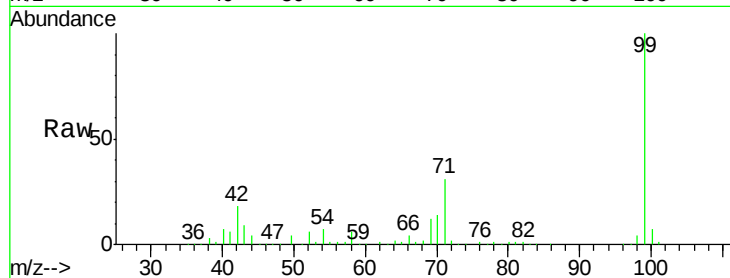
Tot Ion: 99 Resp: 361487

Ion Ratio Lower Upper

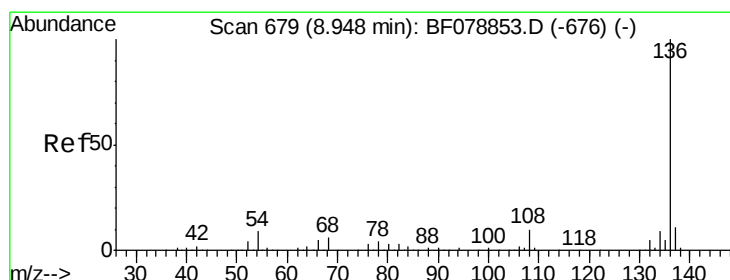
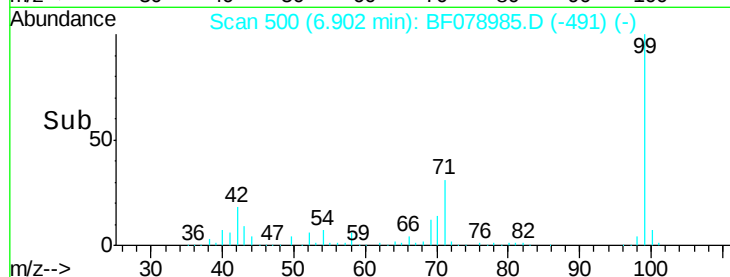
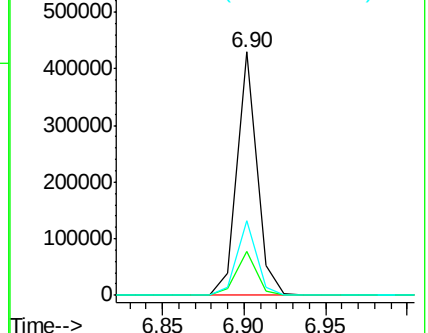
99 100

42 18.0 12.8 19.2

71 30.7 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: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078985.D

Acq: 7 May 2015 8:05

Tgt Ion: 136 Resp: 287336

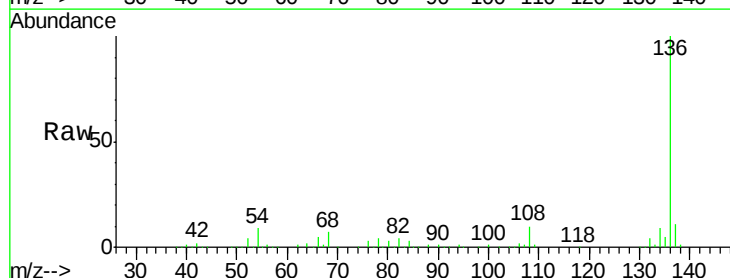
Ion Ratio Lower Upper

136 100

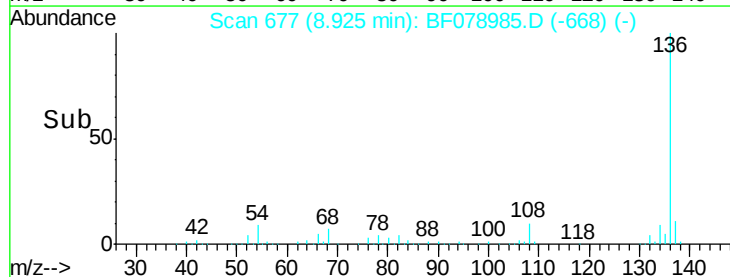
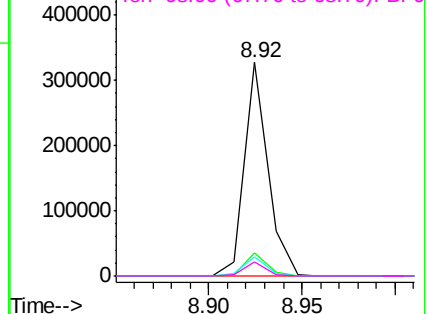
137 10.9 8.7 13.1

54 8.9 5.8 8.8#

68 6.5 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

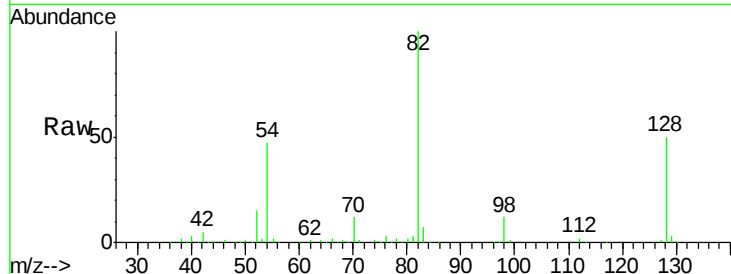




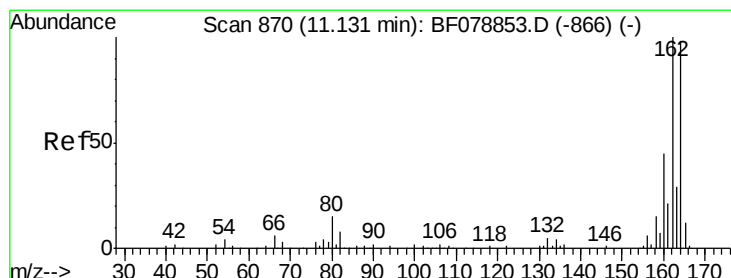
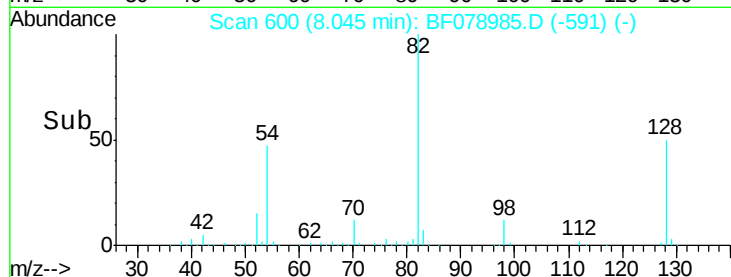
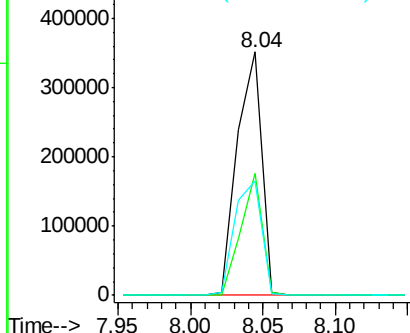
#23
Nitrobenzene-d5
Concen: 82.70 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078985.D
Acq: 7 May 2015 8:05

Instrument :
BNA_F
ClientSampled :
W-25

Tot Ion: 82 Resp: 413449
Ion Ratio Lower Upper
82 100
128 49.9 30.0 45.0#
54 47.2 46.4 69.6

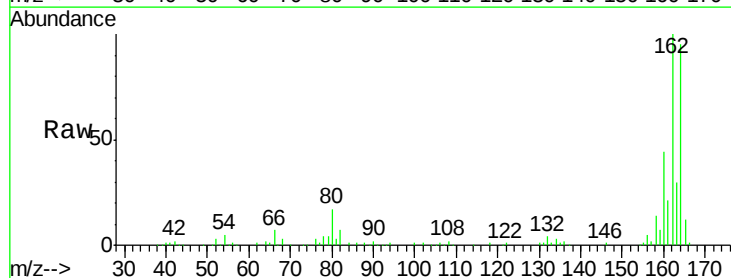


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

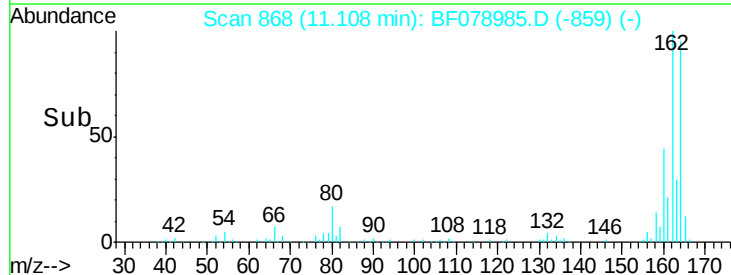
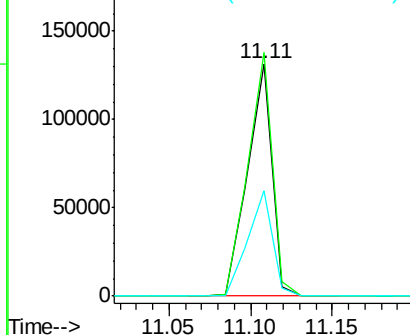


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078985.D
Acq: 7 May 2015 8:05

Tgt Ion:164 Resp: 136133
Ion Ratio Lower Upper
164 100
162 104.8 82.7 124.1
160 45.6 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

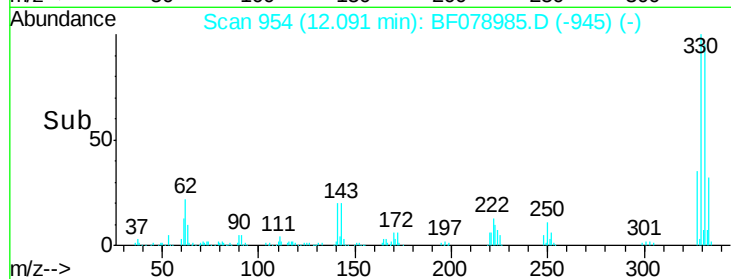
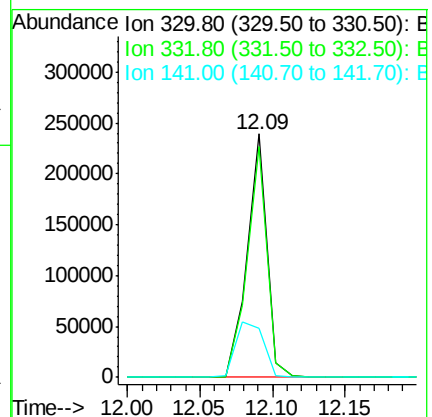
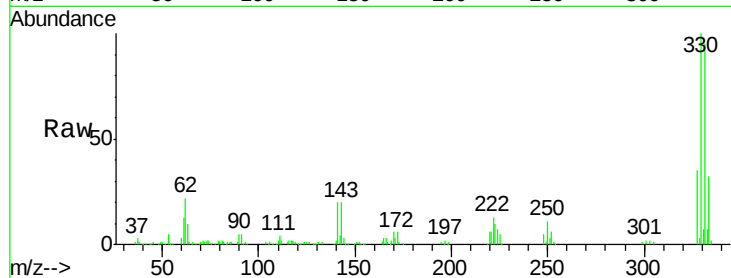




#41
 2,4,6-Tribromophenol
 Concen: 154.93 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078985.D
 Acq: 7 May 2015 8:05

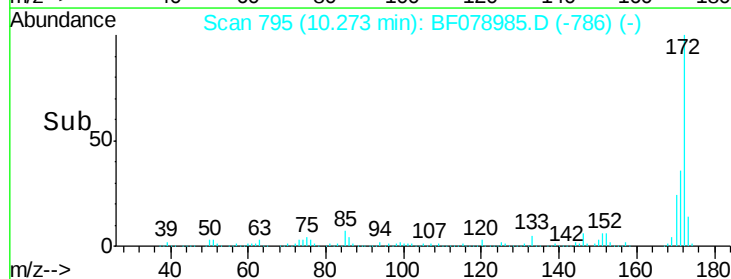
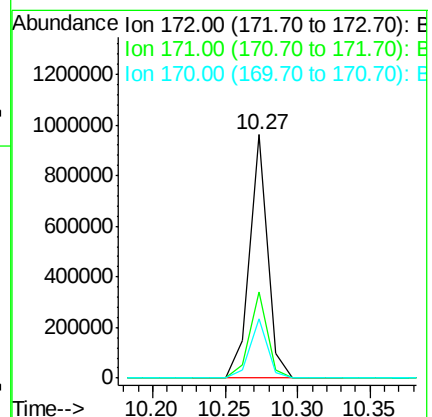
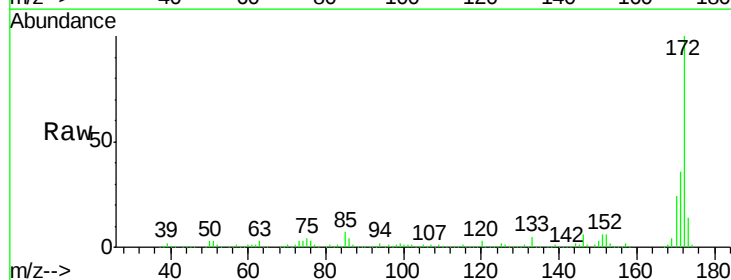
Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	32.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.31 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078985.D
 Acq: 7 May 2015 8:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.4	19.4	29.0

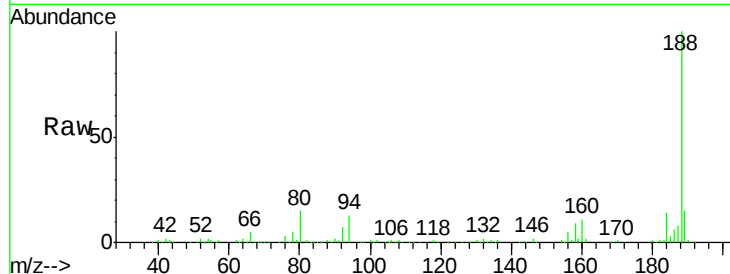




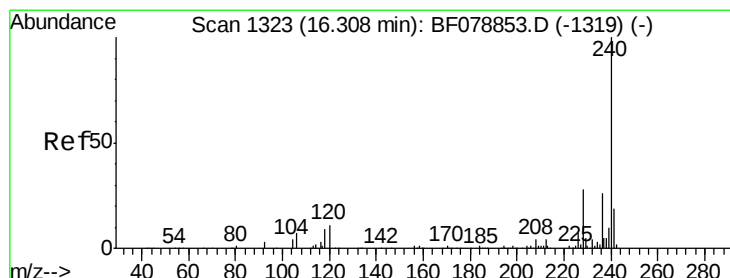
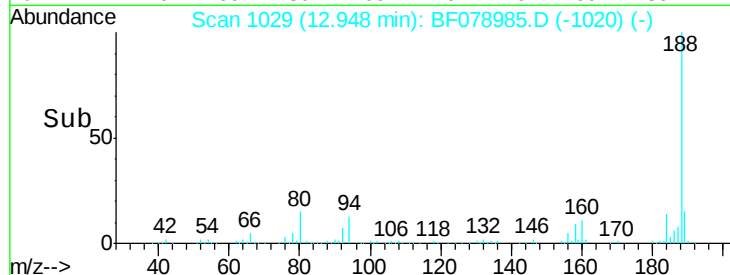
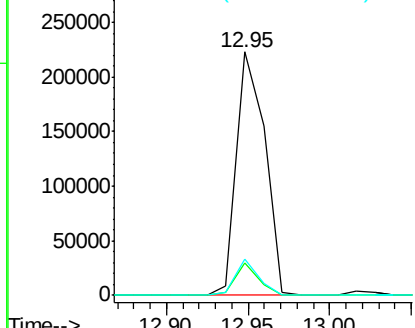
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078985.D
Acq: 7 May 2015 8:05

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion:188 Resp: 268322
Ion Ratio Lower Upper
188 100
94 13.1 8.2 12.2#
80 14.8 8.9 13.3#

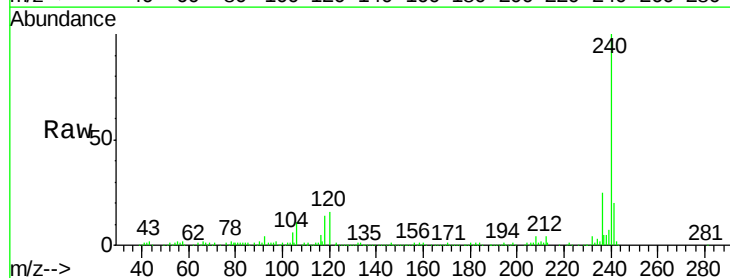


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

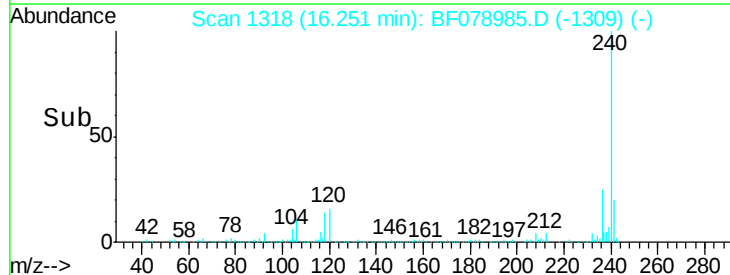
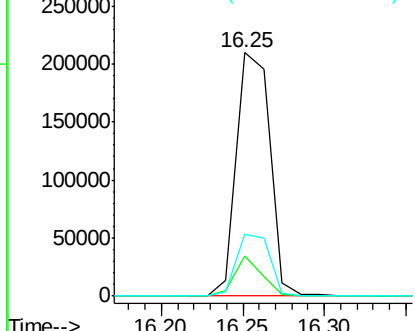


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF078985.D
Acq: 7 May 2015 8:05

Tgt Ion:240 Resp: 297402
Ion Ratio Lower Upper
240 100
120 16.4 9.7 14.5#
236 25.2 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



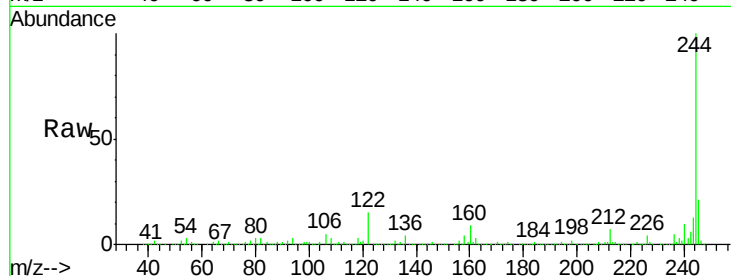


#78
 Terphenyl-d14
 Concen: 87.50 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078985.D
 Acq: 7 May 2015 8:05

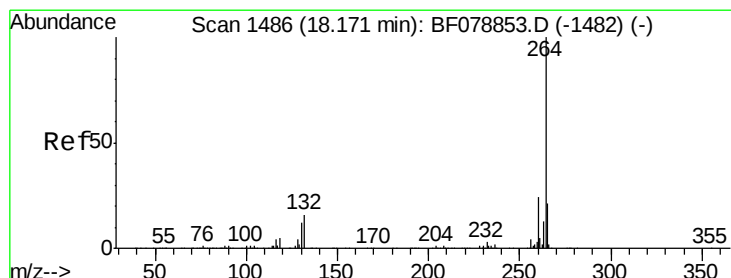
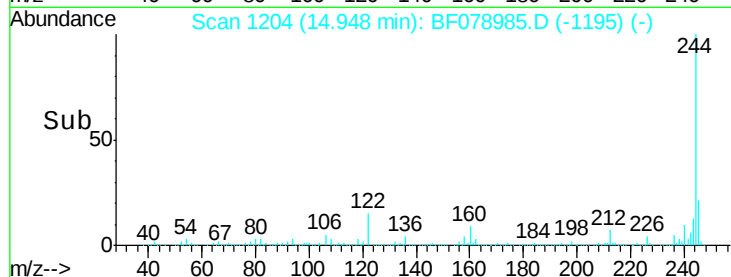
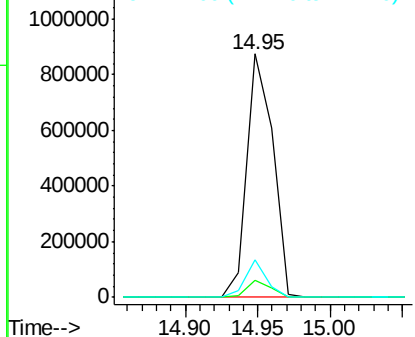
Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tot Ion:244 Resp: 1086882

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	15.3	10.3	15.5



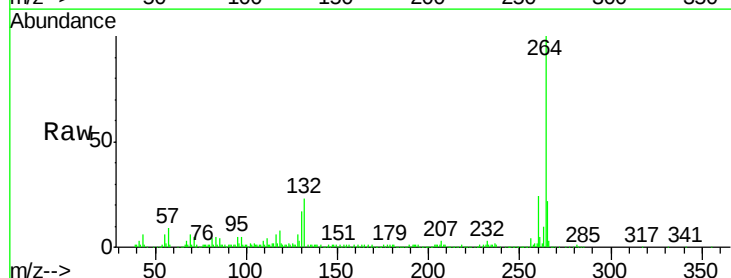
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. 0.08 min
 Lab File: BF078985.D
 Acq: 7 May 2015 8:05

Tgt Ion:264 Resp: 312037

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.4	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

