

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078983.D
 Acq On : 7 May 2015 7:08
 Operator : TP/IZ
 Sample : G2046-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Quant Time: May 07 08:15:57 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 07:34:36 2015
 Response via : Initial Calibration

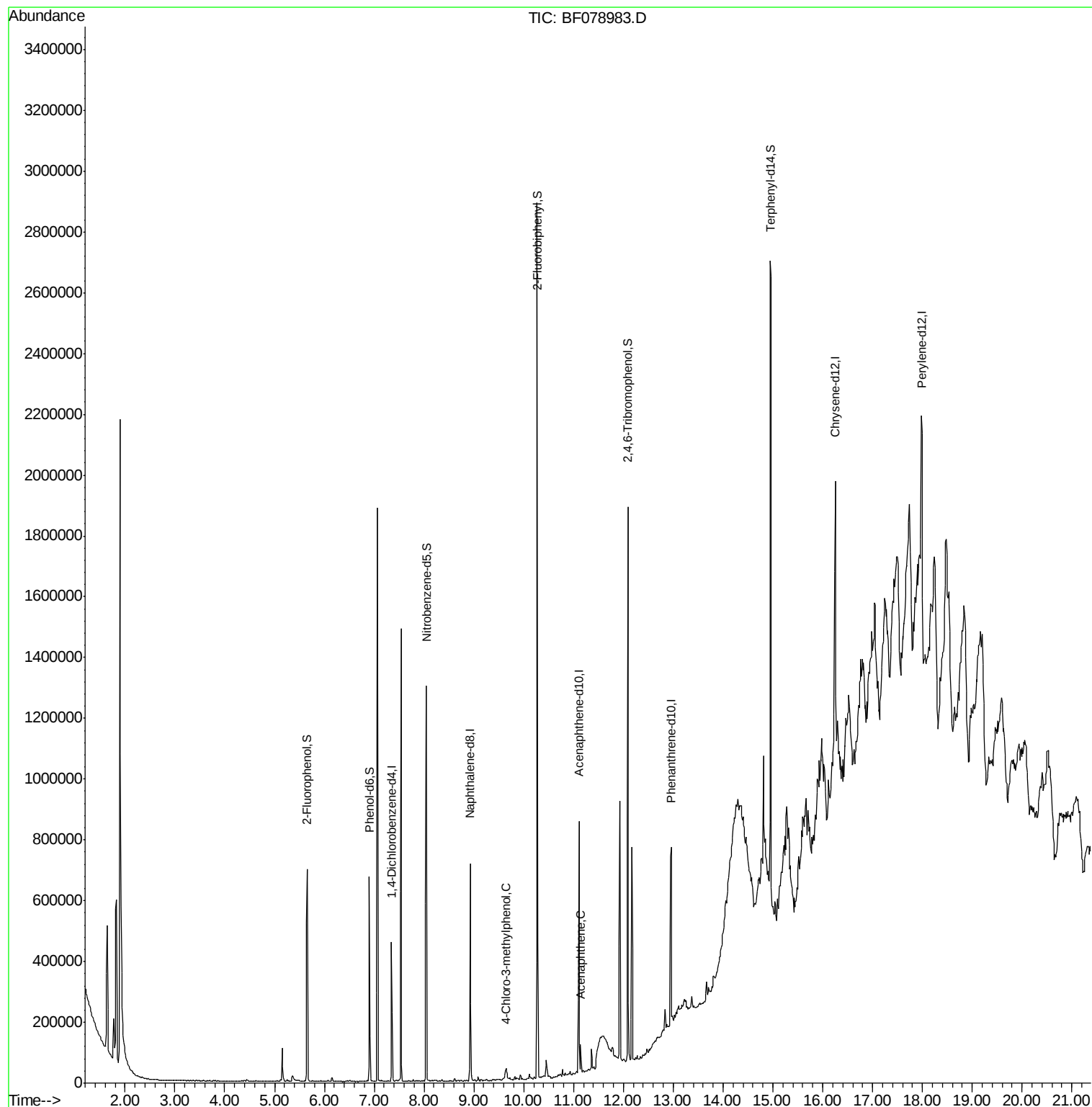
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	78784	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	340159	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	169471	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	318519	20.00	ng	0.01
75) Chrysene-d12	16.25	240	340054	20.00	ng	0.00
86) Perylene-d12	17.99	264	344081	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	258452	56.47	ng	0.01
7) Phenol-d6	6.90	99	223947	37.02	ng	0.00
23) Nitrobenzene-d5	8.04	82	455830	77.02	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	251689	137.28	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	860817	70.77	ng	0.00
78) Terphenyl-d14	14.96	244	1082591	76.22	ng	0.01
Target Compounds						
36) 4-Chloro-3-methylphenol	9.64	107	13274	2.92	ng	Qvalue # 21
51) Acenaphthene	11.14	154	22362	2.17	ng	100

(#) = 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: BF078983.D

Acq: 7 May 2015 7:08

Instrument :

BNA_F

ClientSampled :

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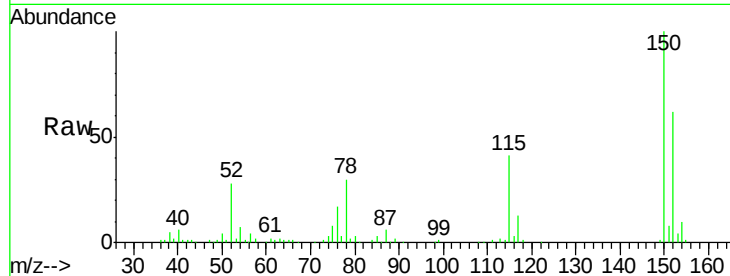
Tgt Ion:152 Resp: 78784

Ion Ratio Lower Upper

152 100

150 162.0 122.0 183.0

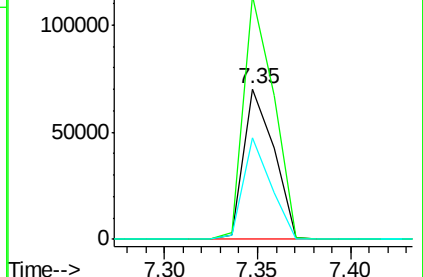
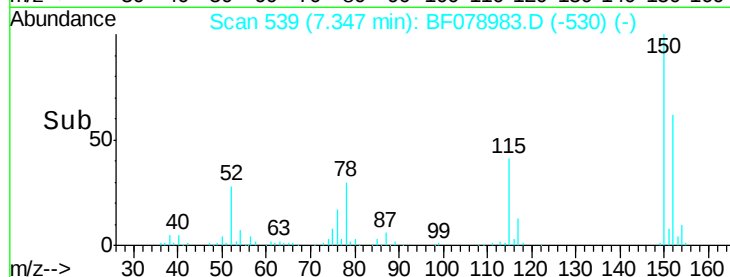
115 67.1 46.3 69.5



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: 56.47 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

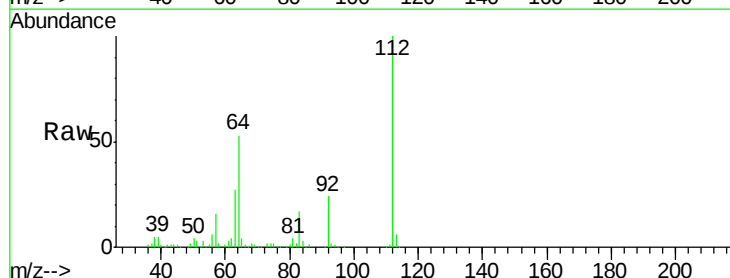
Tgt Ion:112 Resp: 258452

Ion Ratio Lower Upper

112 100

64 53.0 53.5 80.3#

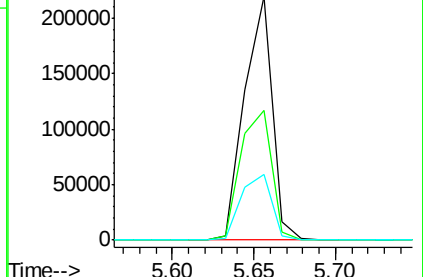
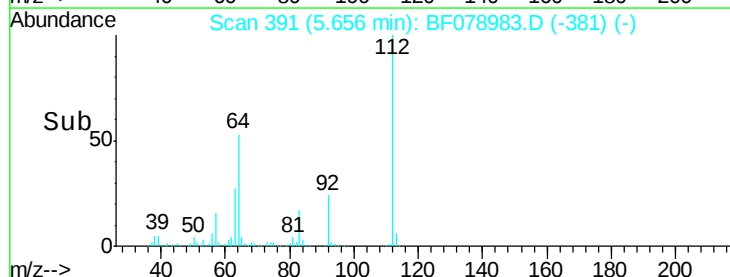
63 26.7 27.5 41.3#



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: 37.02 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078983.D

Acq: 7 May 2015 7:08

Instrument :

BNA_F

ClientSampleId :

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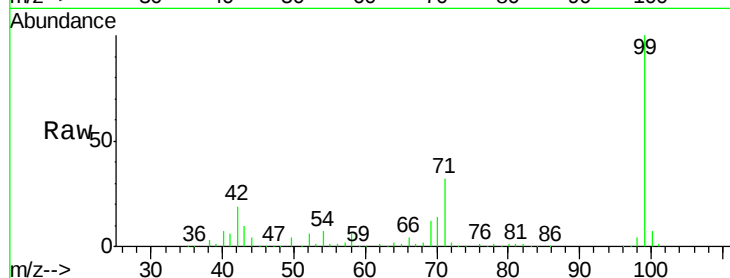
Tgt Ion: 99 Resp: 223947

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

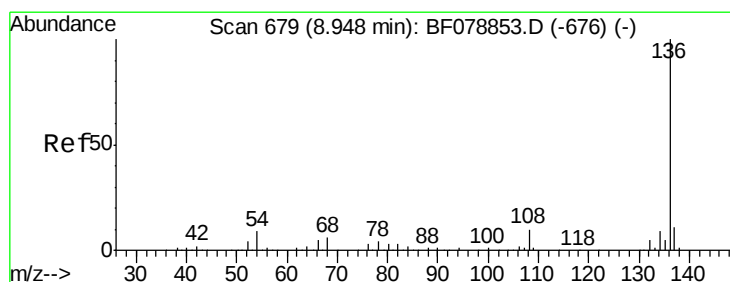
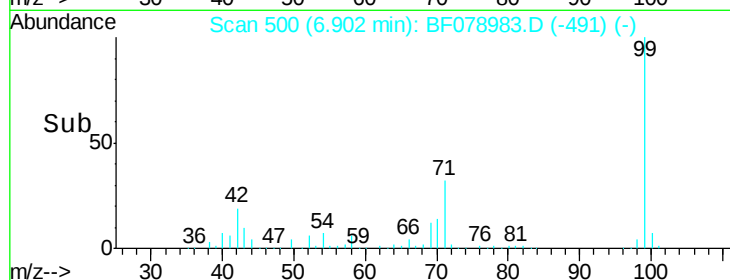
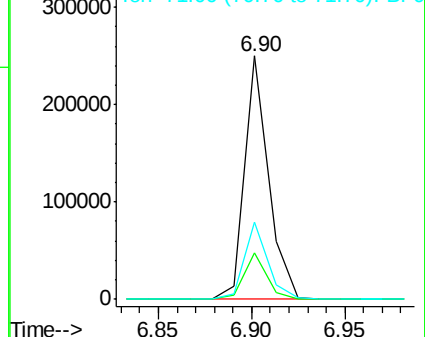
71 31.7 23.4 35.2



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: BF078983.D

Acq: 7 May 2015 7:08

Tgt Ion: 136 Resp: 340159

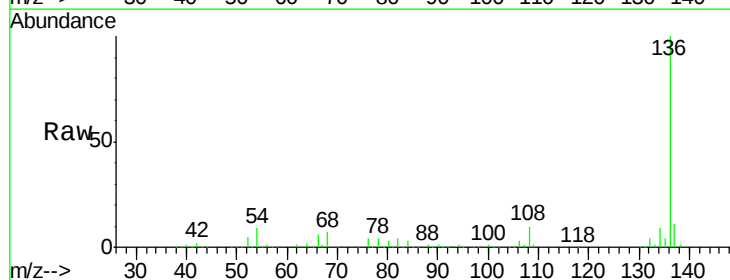
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 5.8 8.8#

68 6.7 4.2 6.4#

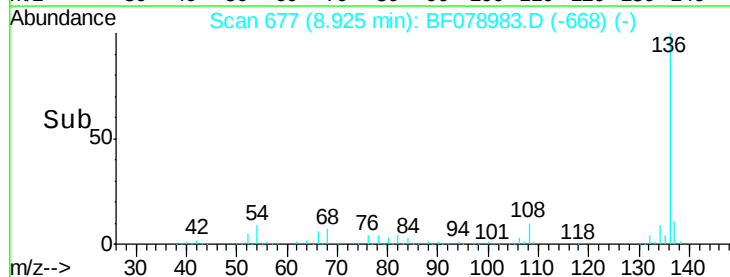
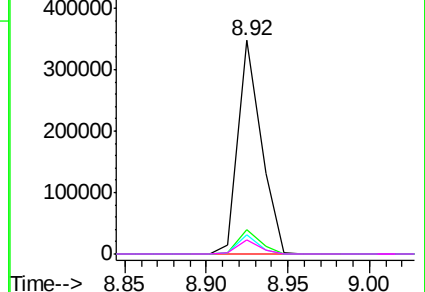


Abundance Ion 136.00 (135.70 to 136.70): E

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

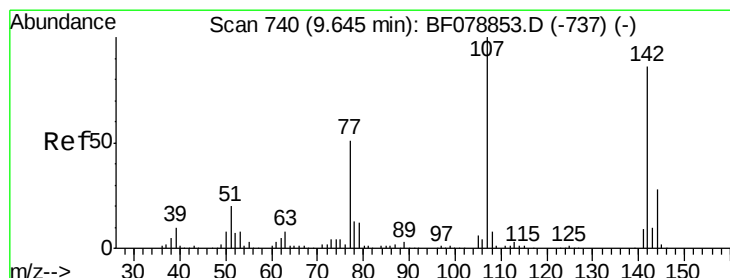
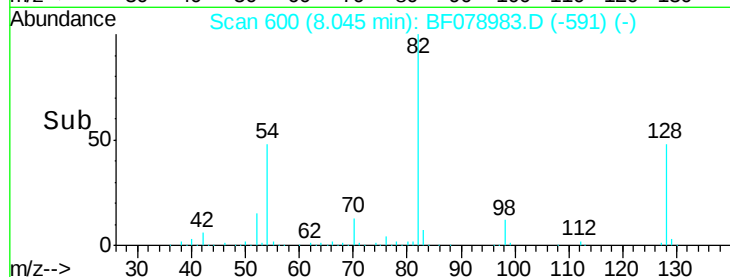
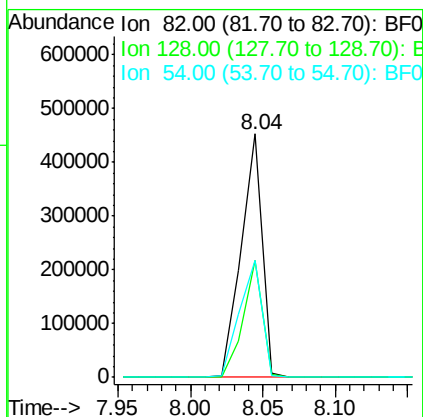
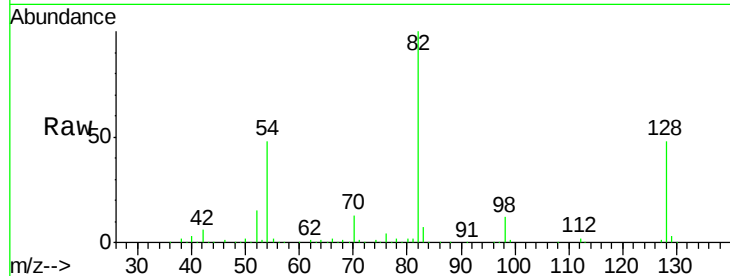




#23
 Nitrobenzene-d5
 Concen: 77.02 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

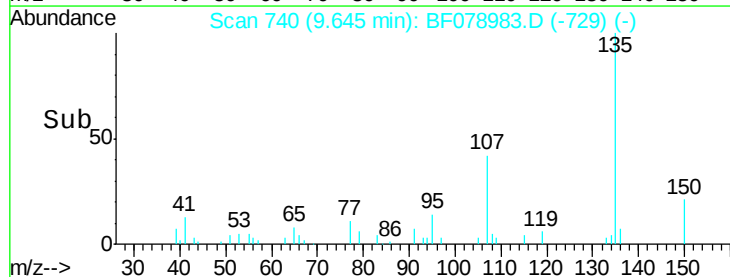
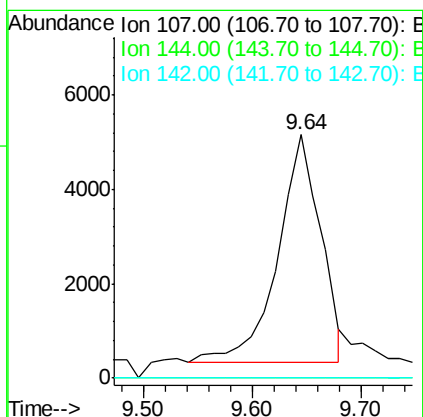
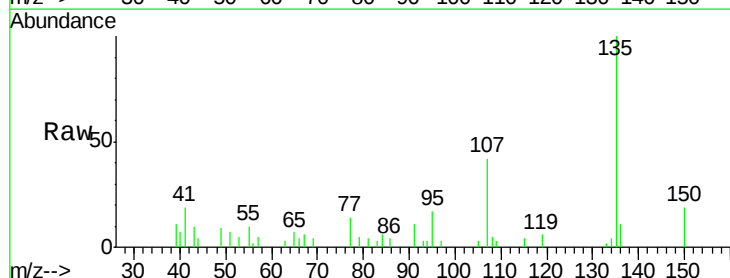
Instrument :
 BNA_F
 ClientSampleId :
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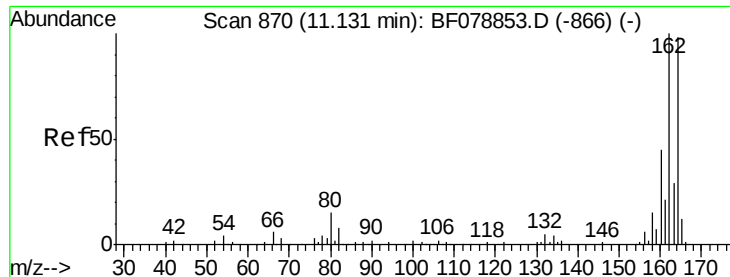
Tgt Ion: 82 Resp: 455830
 Ion Ratio Lower Upper
 82 100
 128 48.0 30.0 45.0#
 54 48.2 46.4 69.6



#36
 4-Chloro-3-methylphenol
 Concen: 2.92 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.02 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Tgt Ion: 107 Resp: 13274
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.8 29.6#
 142 0.0 60.6 91.0#

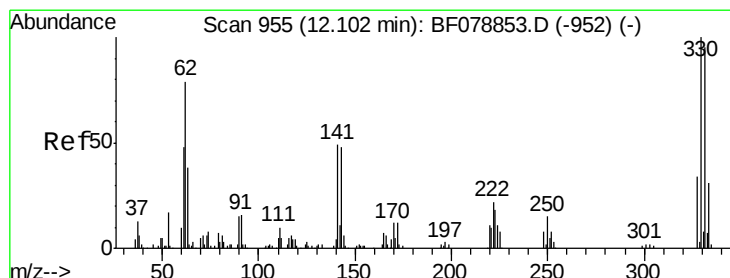
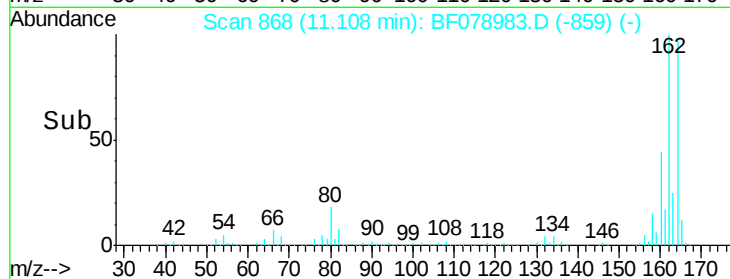
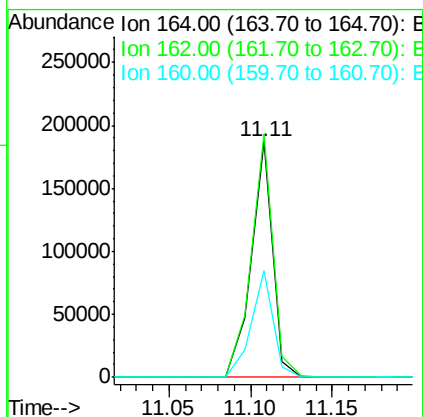
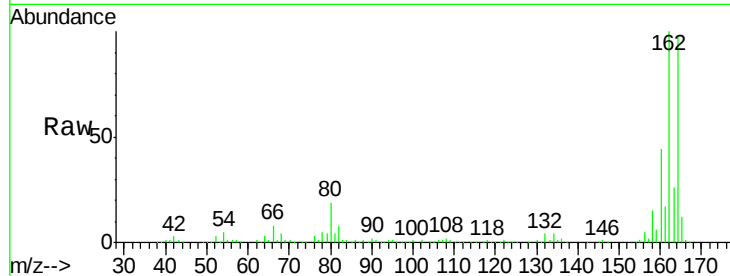




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

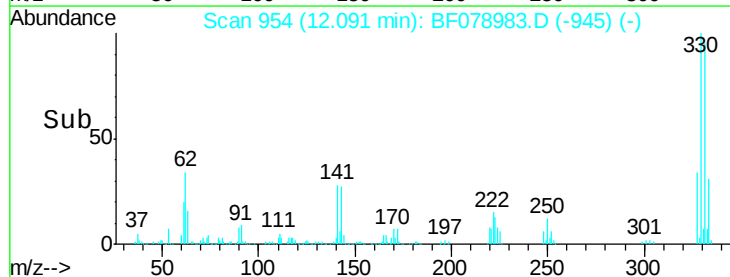
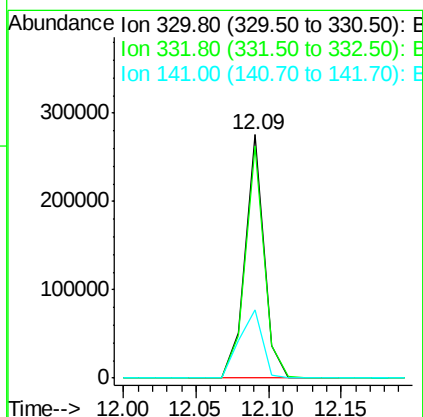
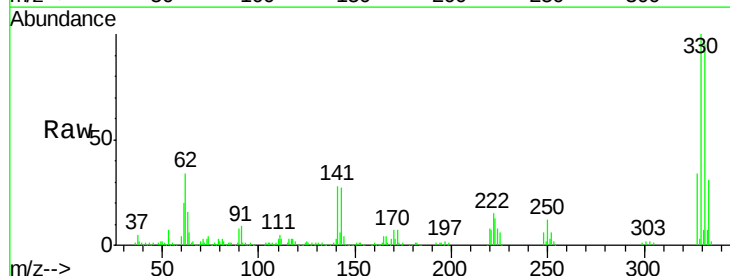
Instrument :
 BNA_F
 ClientSampleId :
 W-26

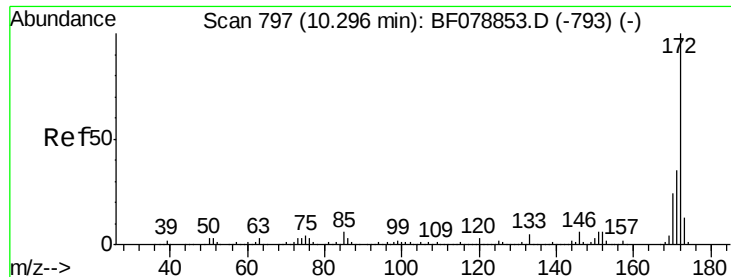
Tgt Ion:164 Resp: 169471
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.7 124.1
 160 45.1 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 137.28 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Tgt Ion:330 Resp: 251689
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 34.4 0.0 0.0#

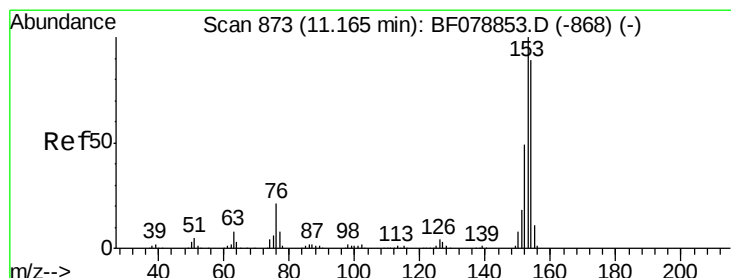
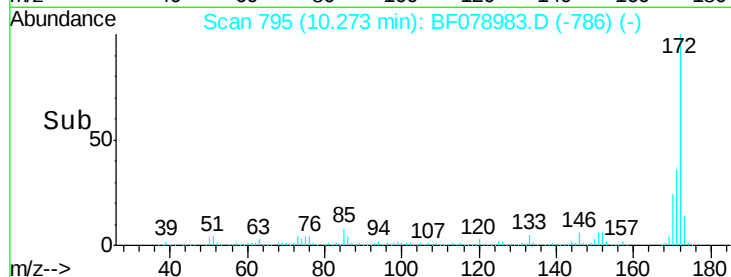
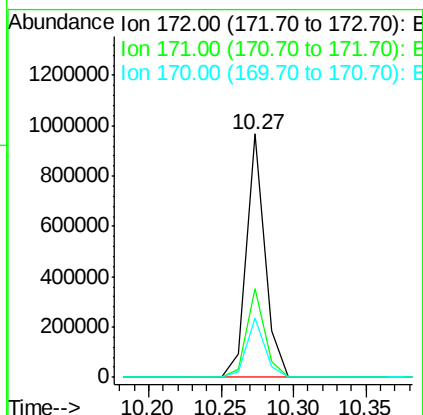
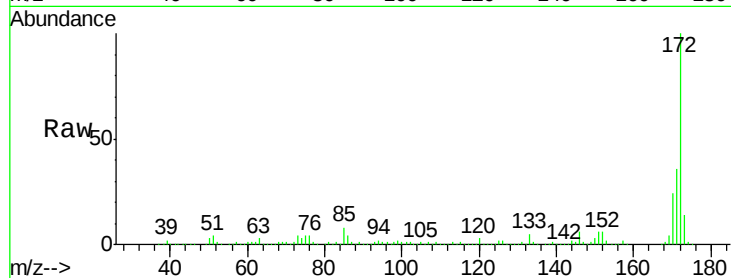




#44
 2-Fluorobiphenyl
 Concen: 70.77 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

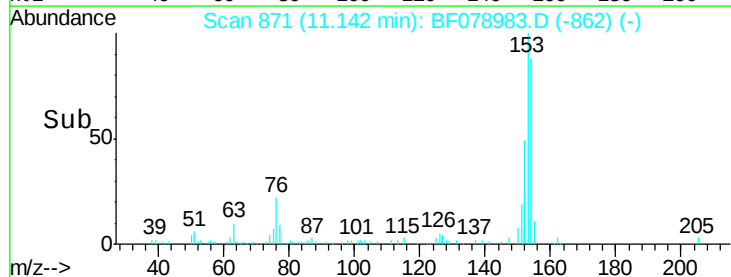
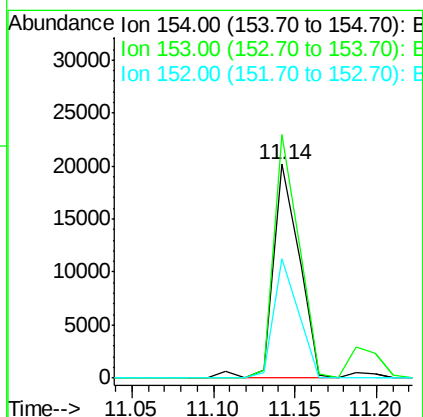
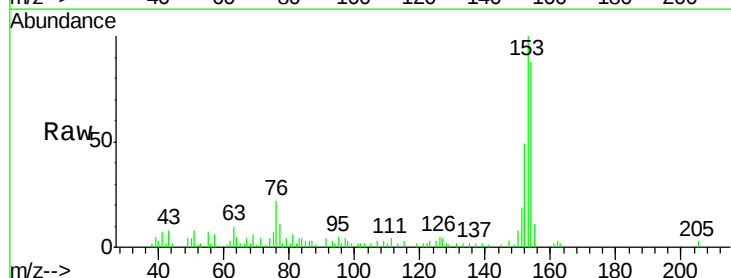
Instrument :
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 ClientSampleId :
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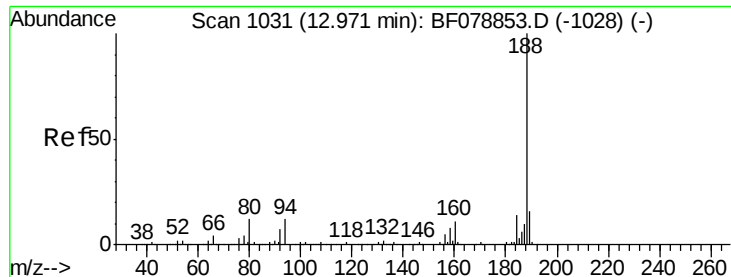
Tgt Ion:172 Resp: 860817
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.9 41.9
 170 24.5 19.4 29.0



#51
 Acenaphthene
 Concen: 2.17 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Tgt Ion:154 Resp: 22362
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.5 137.3
 152 55.6 44.2 66.4

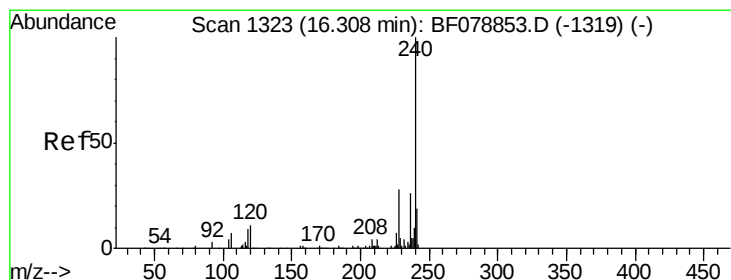
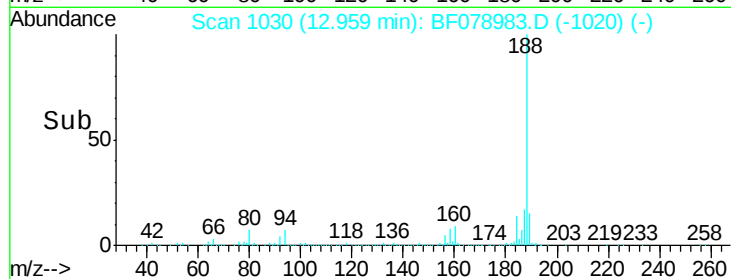
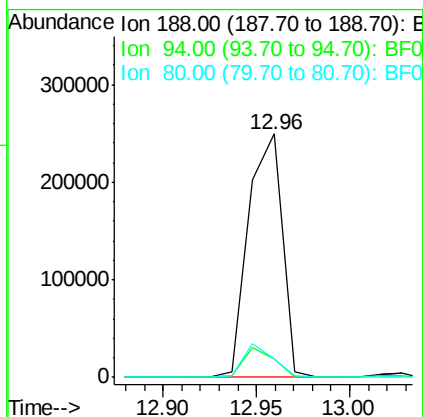
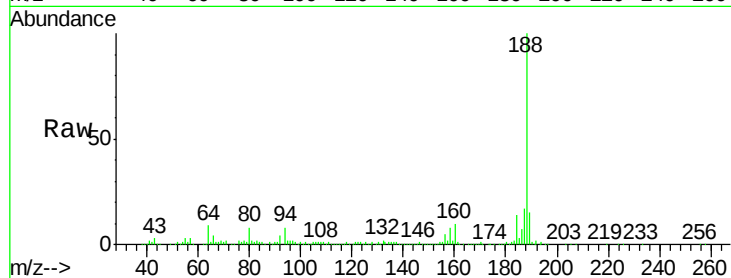




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF078983.D
Acq: 7 May 2015 7:08

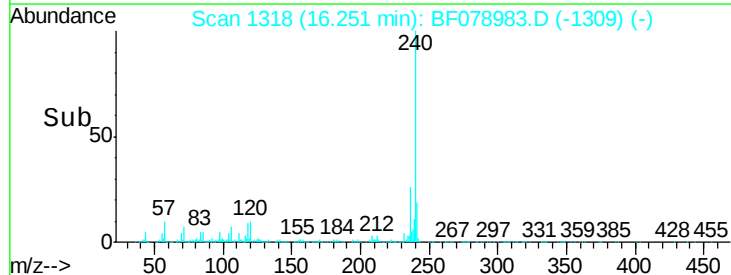
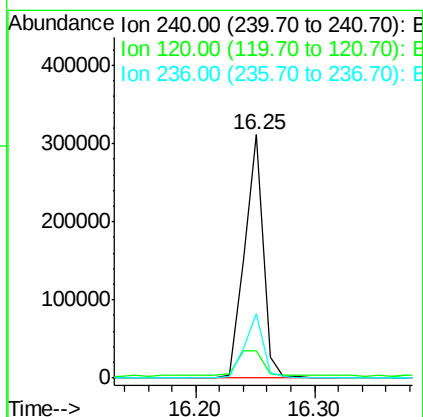
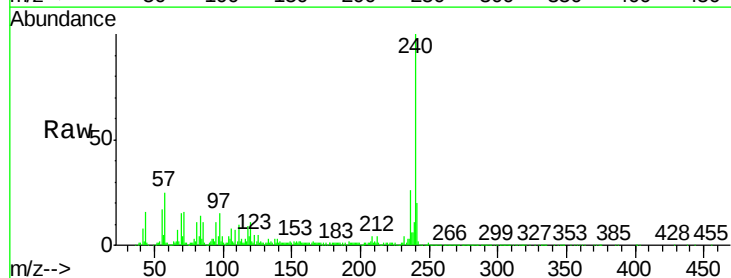
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BNA_F
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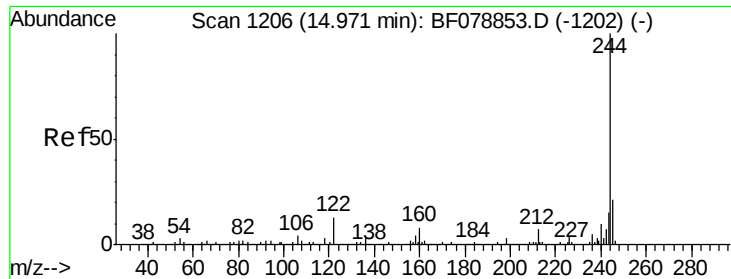
Tgt Ion:188 Resp: 318519
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 7.5 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF078983.D
Acq: 7 May 2015 7:08

Tgt Ion:240 Resp: 340054
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 26.3 20.2 30.4

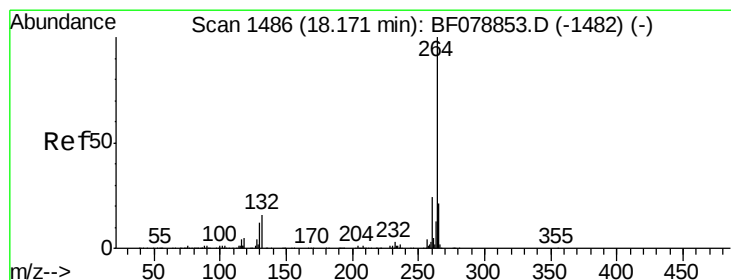
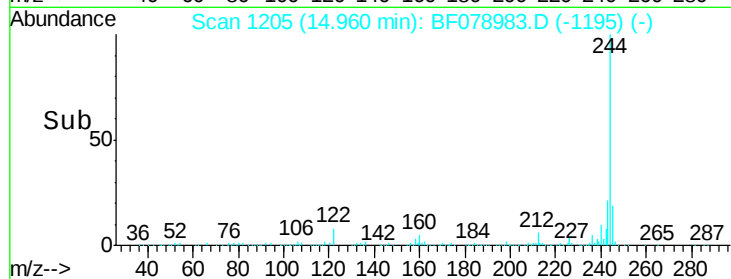
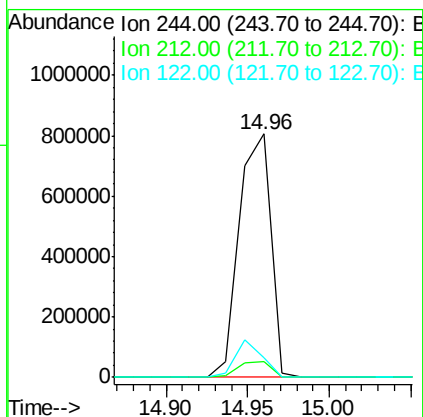
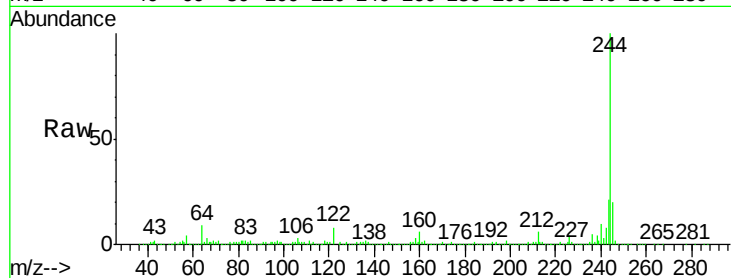




#78
 Terphenyl-d14
 Concen: 76.22 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion:244 Resp: 1082591
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 8.2 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. 0.02 min
 Lab File: BF078983.D
 Acq: 7 May 2015 7:08

Tgt Ion:264 Resp: 344081
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.4 18.3 27.5

