

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079117.D
 Acq On : 11 May 2015 15:51
 Operator : TP/IZ
 Sample : G2165-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: May 12 01:55:08 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

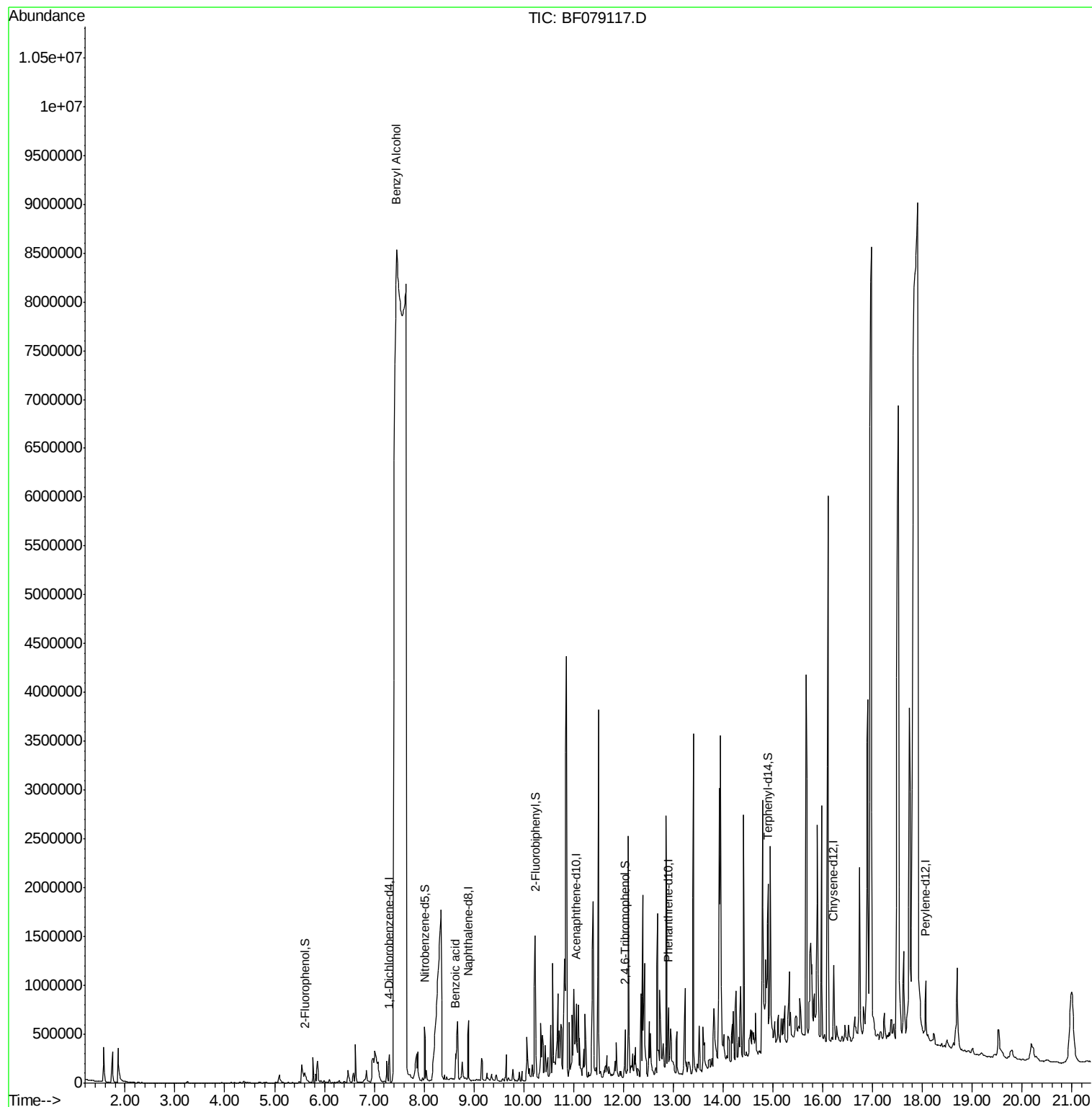
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	56544	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	233805	20.00	ng	0.01
38) Acenaphthene-d10	11.05	164	112534	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	218144	20.00	ng	0.00
75) Chrysene-d12	16.22	240	234148	20.00	ng	-0.01
86) Perylene-d12	18.07	264	249423	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	67245	20.47	ng	0.02
7) Phenol-d6	6.87	99	798	0.18	ng	0.01
23) Nitrobenzene-d5	8.01	82	231002	56.78	ng	0.02
41) 2,4,6-Tribromophenol	12.03	330	65064	53.44	ng	0.00
44) 2-Fluorobiphenyl	10.23	172	533678	66.07	ng	0.00
78) Terphenyl-d14	14.90	244	651649	66.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.45	79	9303	2.89	ng	# 38
32) Benzoic acid	8.63	122	33028	20.02	ng	# 28

(#) = 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: BF079117.D

Acq: 11 May 2015 15:51

Instrument :

BNA_F

ClientSampleId :

EFFWW

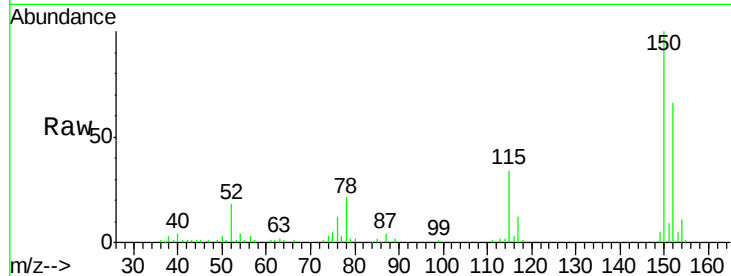
Tgt Ion:152 Resp: 56544

Ion Ratio Lower Upper

152 100

150 150.9 122.0 183.0

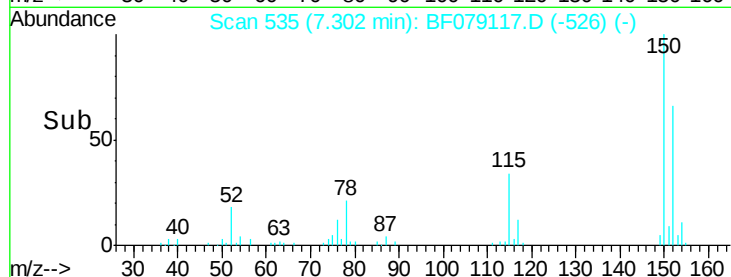
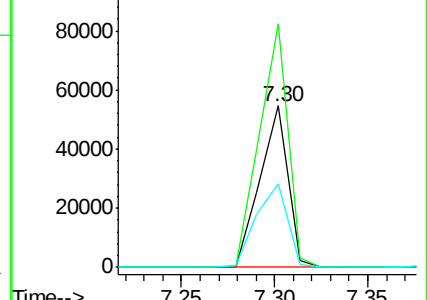
115 51.5 46.3 69.5



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: 20.47 ng

RT: 5.61 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF079117.D

Acq: 11 May 2015 15:51

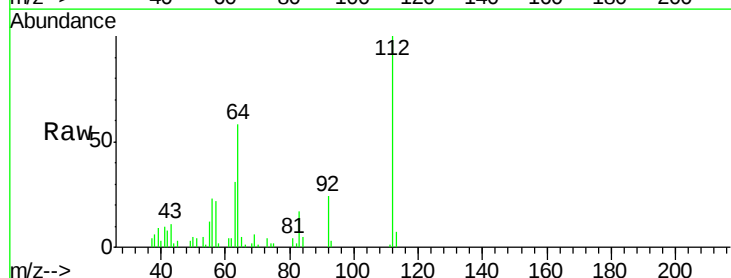
Tgt Ion:112 Resp: 67245

Ion Ratio Lower Upper

112 100

64 57.8 53.5 80.3

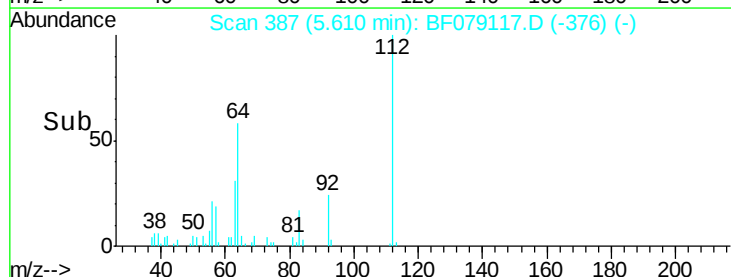
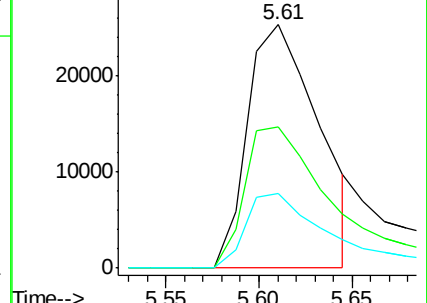
63 30.5 27.5 41.3

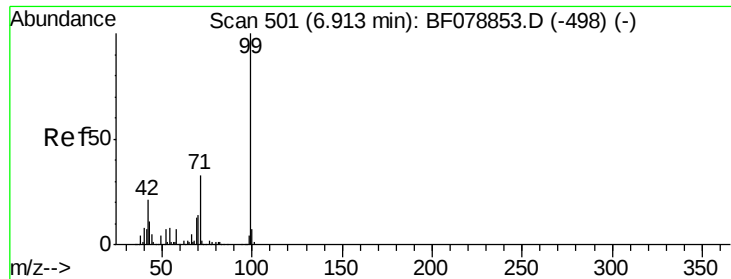


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.18 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079117.D

Acq: 11 May 2015 15:51

Instrument :

BNA_F

ClientSampleId :

EFFWW

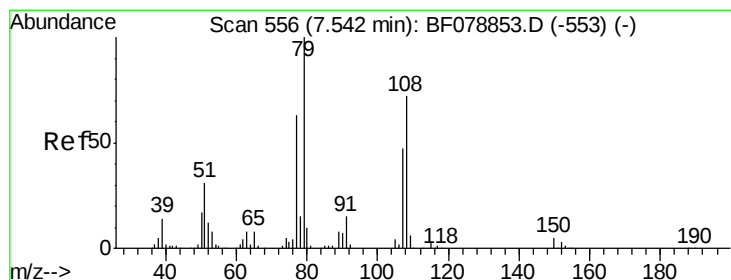
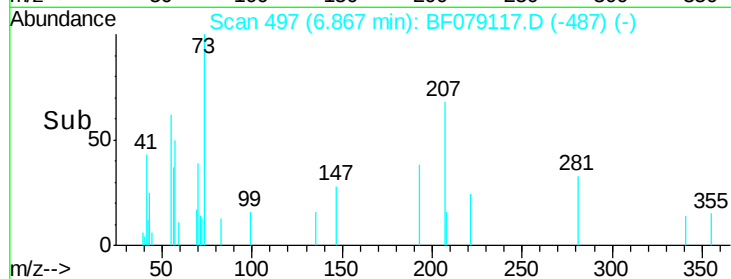
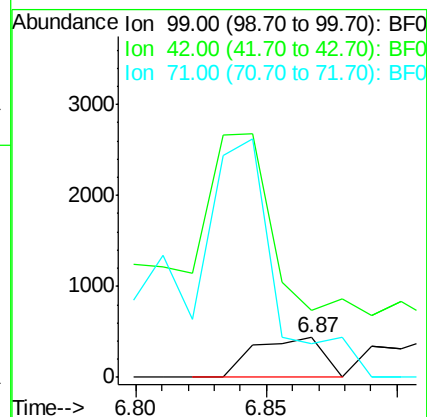
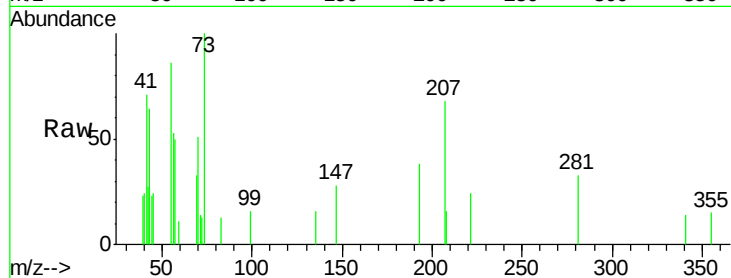
Tgt Ion: 99 Resp: 798

Ion Ratio Lower Upper

99 100

42 166.7 12.8 19.2#

71 83.6 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.89 ng

RT: 7.45 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF079117.D

Acq: 11 May 2015 15:51

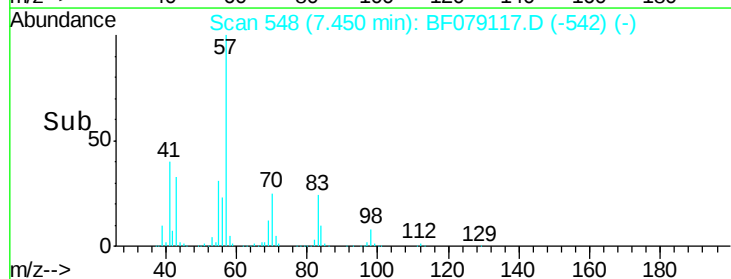
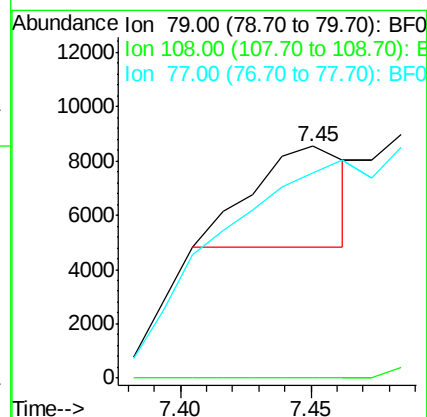
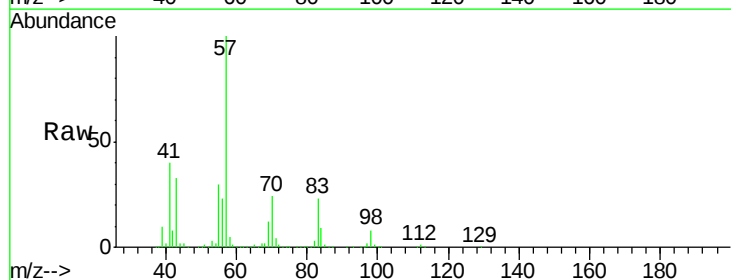
Tgt Ion: 79 Resp: 9303

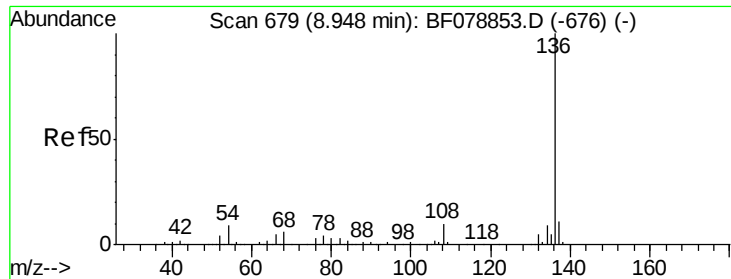
Ion Ratio Lower Upper

79 100

108 0.0 62.5 93.7#

77 88.5 52.2 78.4#

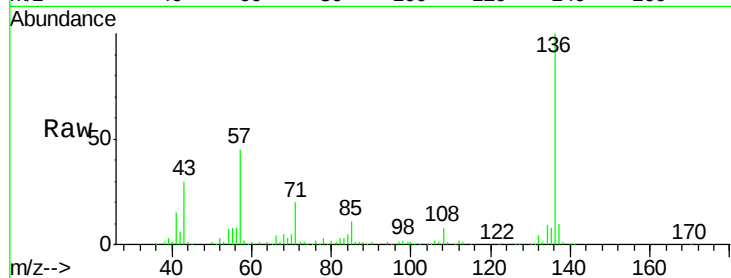




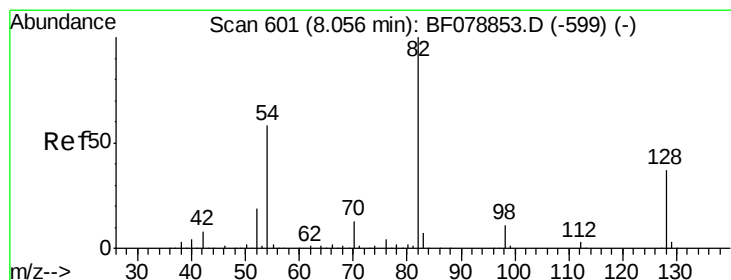
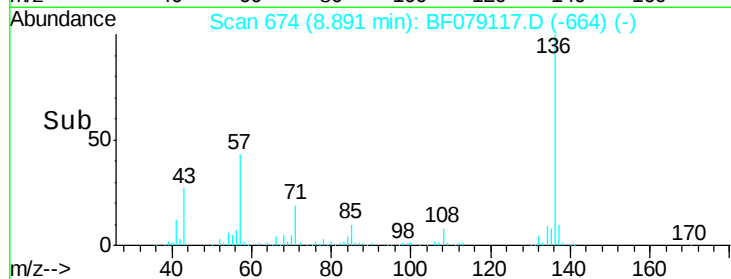
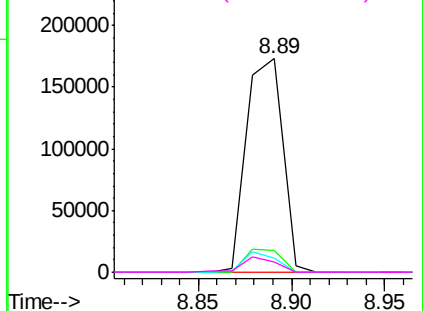
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF079117.D
Acq: 11 May 2015 15:51

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tgt Ion:	136	Resp:	233805
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.6	5.8	8.8
68	5.0	4.2	6.4

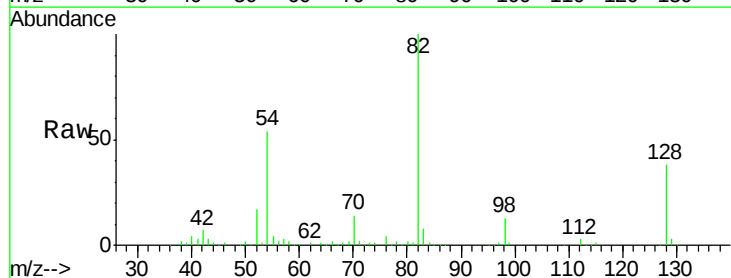


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

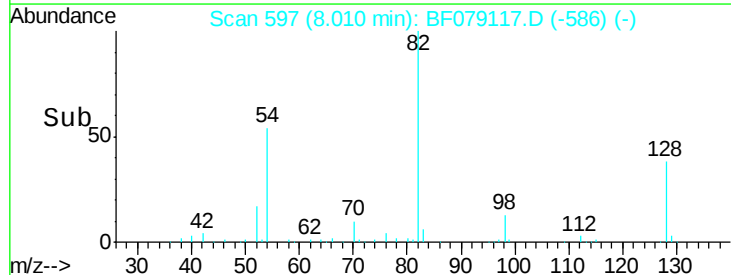
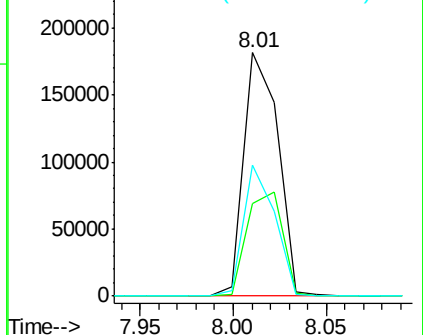


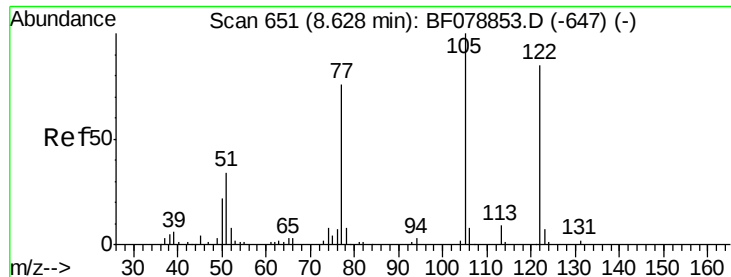
#23
Nitrobenzene-d5
Concen: 56.78 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF079117.D
Acq: 11 May 2015 15:51

Tgt Ion:	82	Resp:	231002
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.0	45.0
54	54.1	46.4	69.6



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





#32

Benzoic acid

Concen: 20.02 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.05 min

Lab File: BF079117.D

Acq: 11 May 2015 15:51

Instrument :

BNA_F

ClientSampleId :

EFFWW

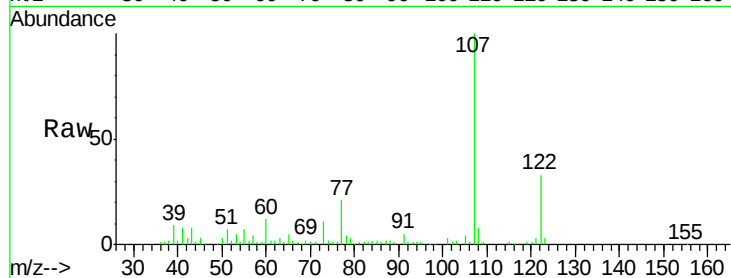
Tgt Ion:122 Resp: 33028

Ion Ratio Lower Upper

122 100

105 12.2 107.1 147.1#

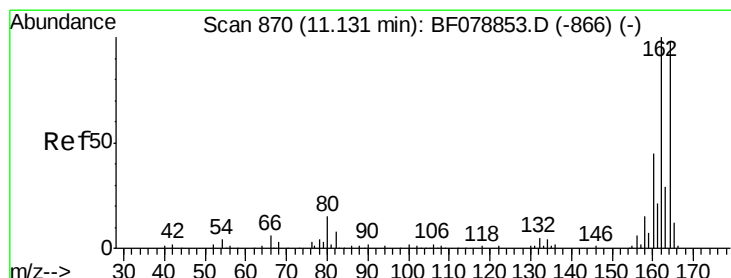
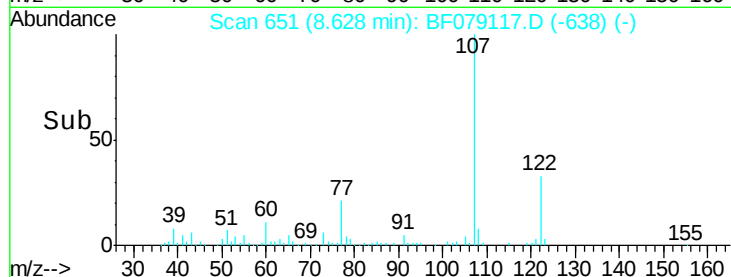
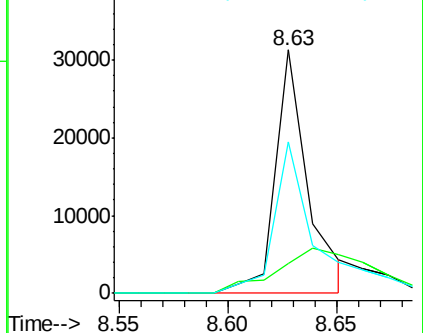
77 62.0 73.9 113.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF079117.D

Acq: 11 May 2015 15:51

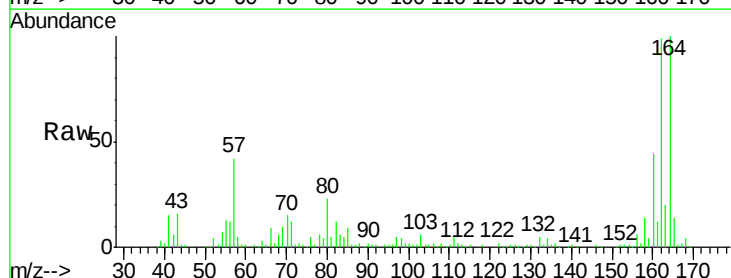
Tgt Ion:164 Resp: 112534

Ion Ratio Lower Upper

164 100

162 99.3 82.7 124.1

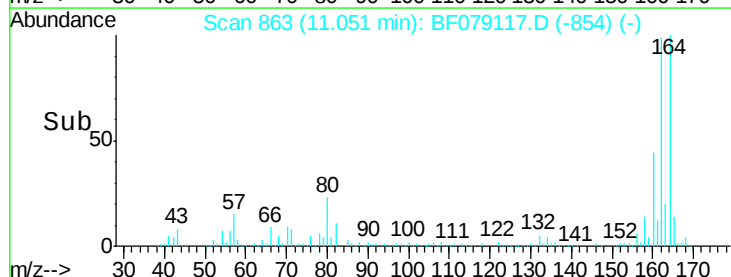
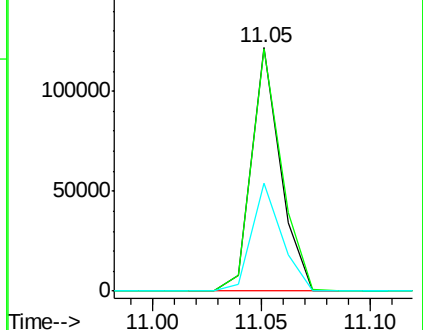
160 44.4 35.8 53.8

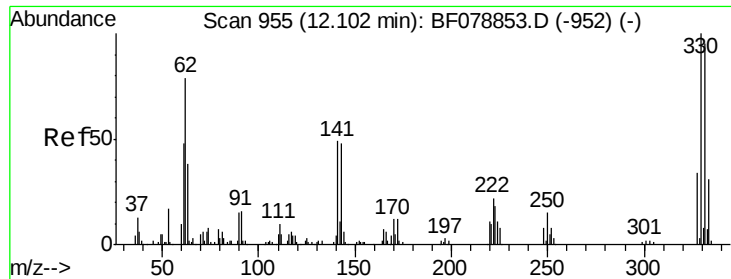


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

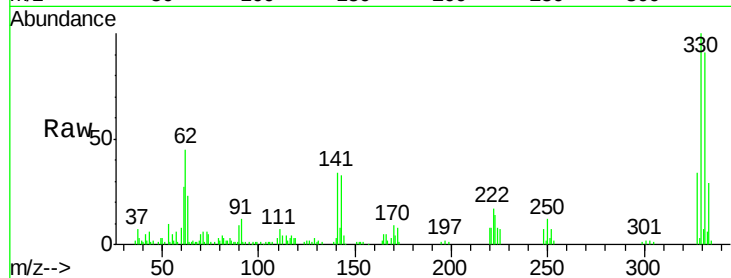




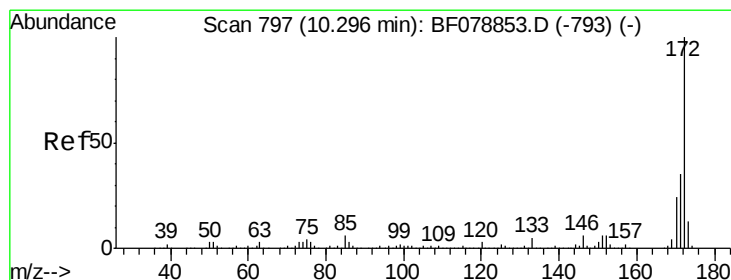
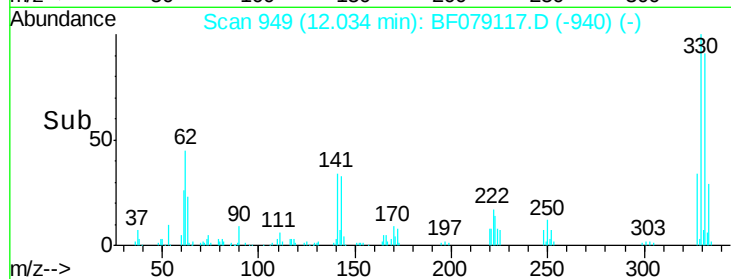
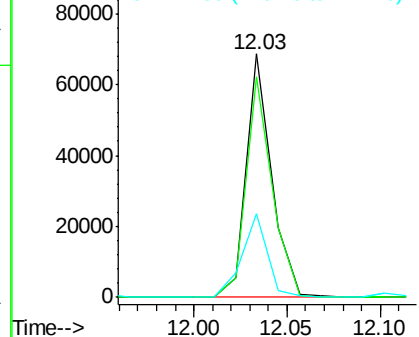
#41
 2,4,6-Tribromophenol
 Concen: 53.44 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079117.D
 Acq: 11 May 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tgt Ion:330 Resp: 65064
 Ion Ratio Lower Upper
 330 100
 332 93.0 0.0 0.0#
 141 34.3 0.0 0.0#

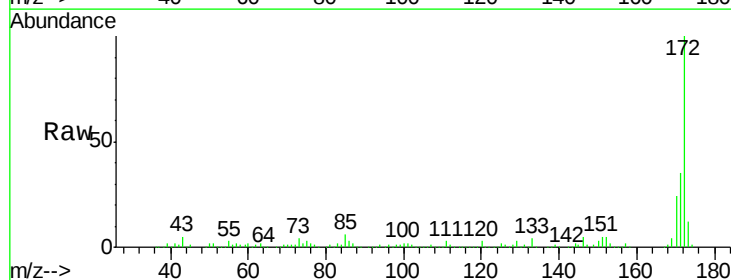


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

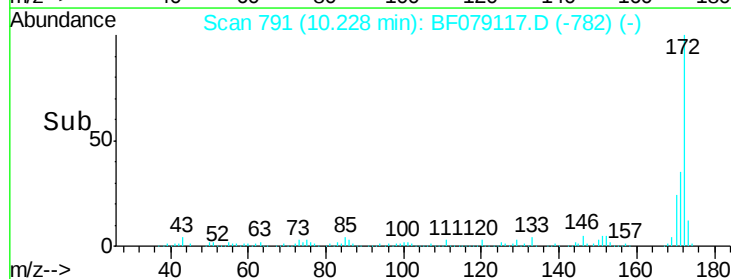
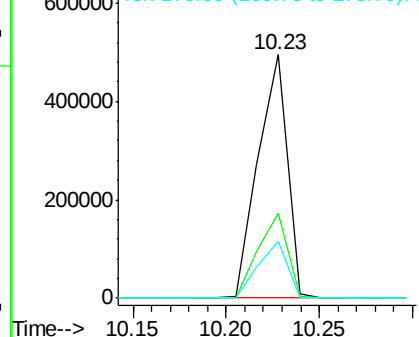


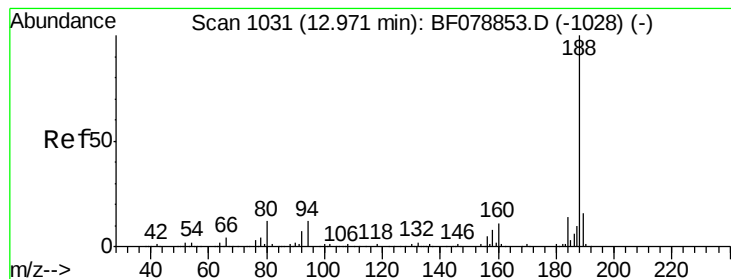
#44
 2-Fluorobiphenyl
 Concen: 66.07 ng
 RT: 10.23 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF079117.D
 Acq: 11 May 2015 15:51

Tgt Ion:172 Resp: 533678
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.9 41.9
 170 23.5 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: BF079117.D

Acq: 11 May 2015 15:51

Instrument :

BNA_F

ClientSampleId :

EFFWW

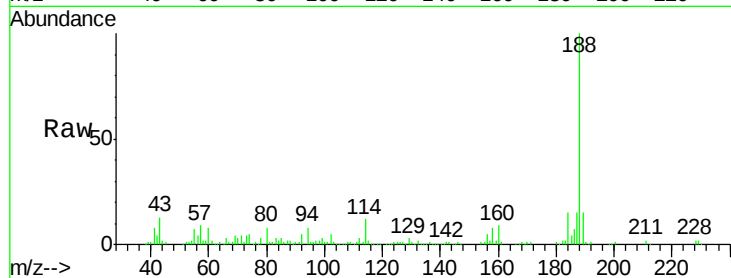
Tgt Ion:188 Resp: 218144

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

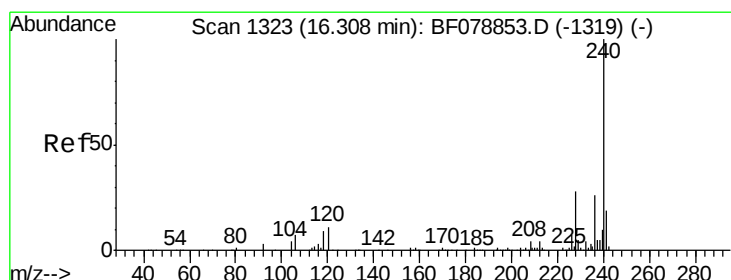
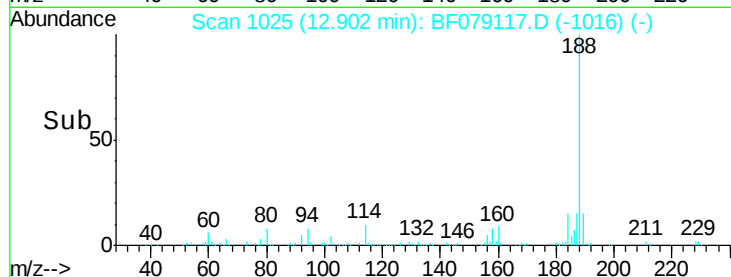
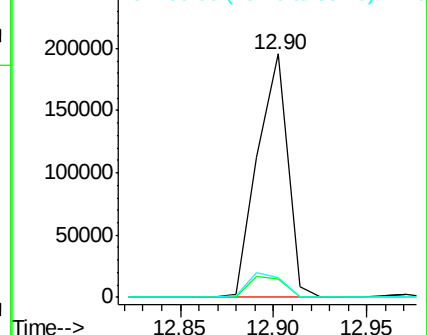
80 8.3 8.9 13.3#



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: 16.22 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF079117.D

Acq: 11 May 2015 15:51

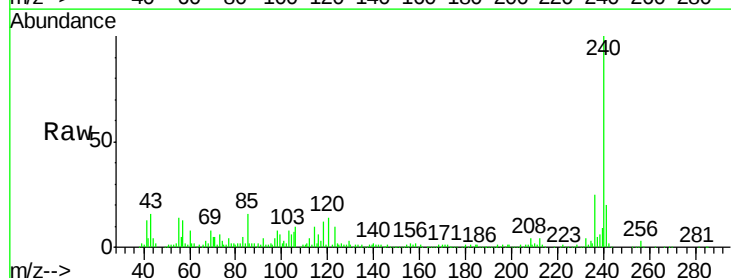
Tgt Ion:240 Resp: 234148

Ion Ratio Lower Upper

240 100

120 13.8 9.7 14.5

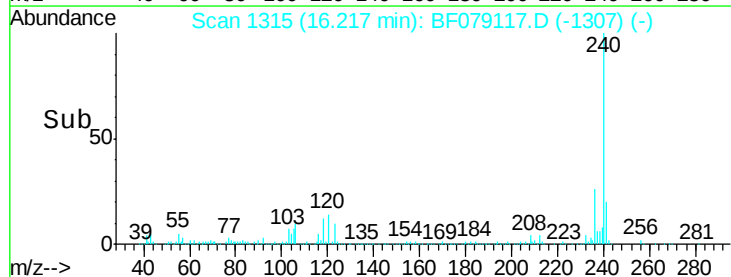
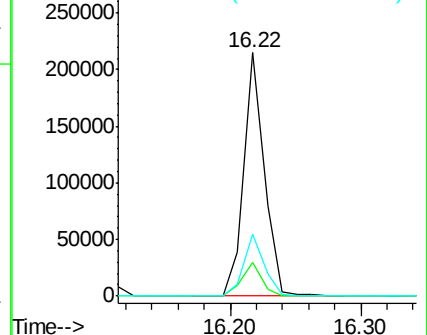
236 25.5 20.2 30.4

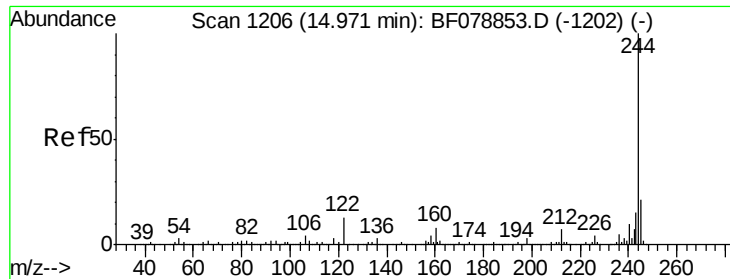


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

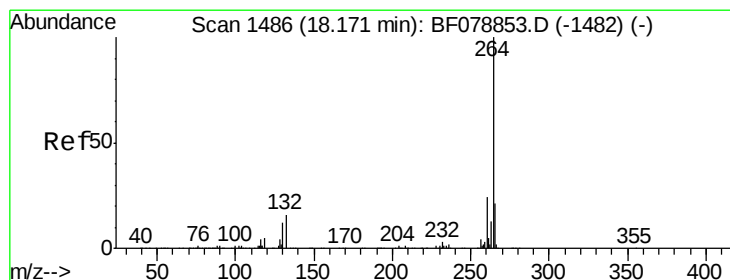
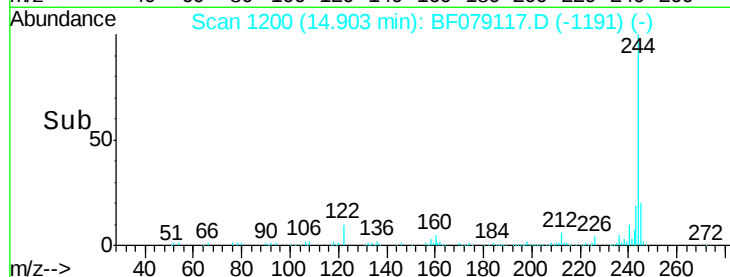
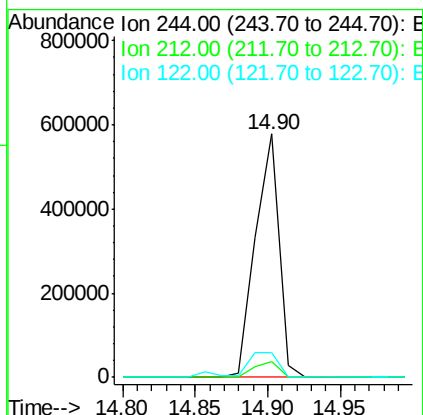
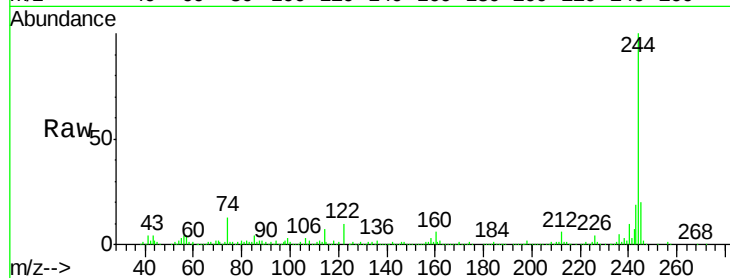




#78
 Terphenyl-d14
 Concen: 66.63 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF079117.D
 Acq: 11 May 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tgt Ion:244 Resp: 651649
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BF079117.D
 Acq: 11 May 2015 15:51

Tgt Ion:264 Resp: 249423
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.6 18.3 27.5

