

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075728.D
 Acq On : 21 Nov 2014 1:46
 Operator : TP / JJ
 Sample : F4777-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05-11-14-14

Quant Time: Nov 21 04:53:36 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

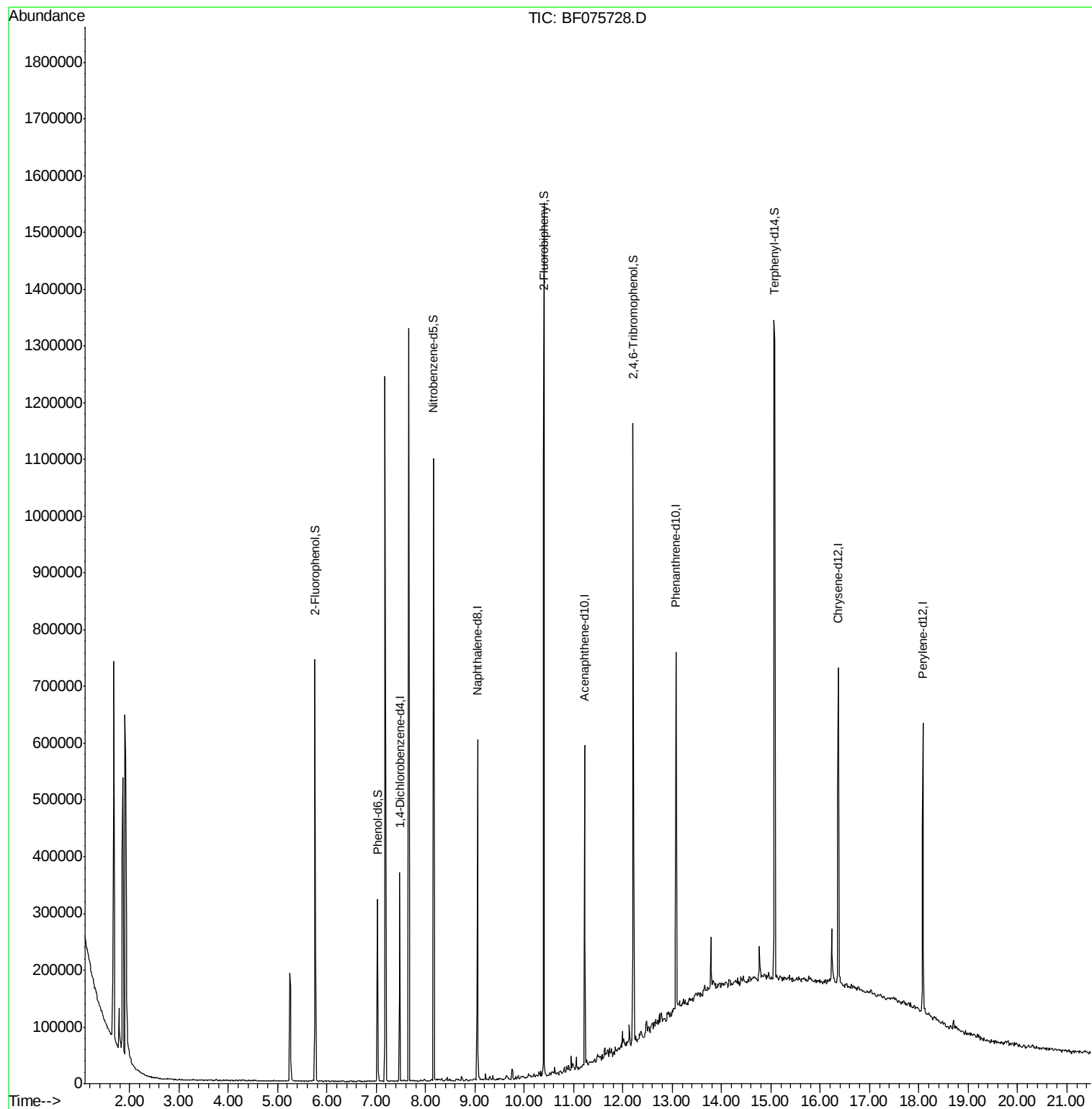
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	63407	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	268380	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	131725	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	227200	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	243077	20.00	ng	-0.02
86) Perylene-d12	18.08	264	247085	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	223313	54.72	ng	-0.02
7) Phenol-d6	7.03	99	161985	32.64	ng	-0.01
23) Nitrobenzene-d5	8.16	82	340841	77.95	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	133286	124.11	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	644726	76.62	ng	-0.01
78) Terphenyl-d14	15.08	244	578967	59.58	ng	-0.01
Target Compounds						
76) Benzidine	14.77	184	883	Below Cal	Qvalue #	1

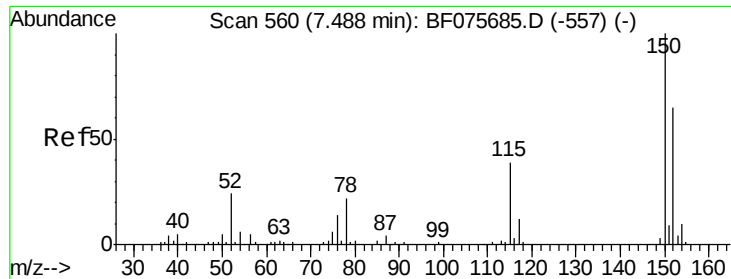
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 19 18:09:59 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075728.D

Acq: 21 Nov 2014 1:46

Instrument :

BNA_F

ClientSampleId :

MW-05-11-14-14

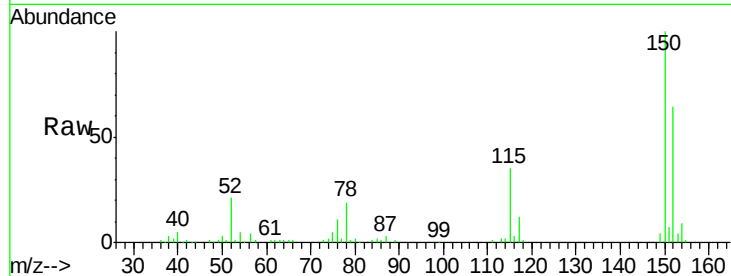
Tgt Ion:152 Resp: 63407

Ion Ratio Lower Upper

152 100

150 155.7 127.2 190.8

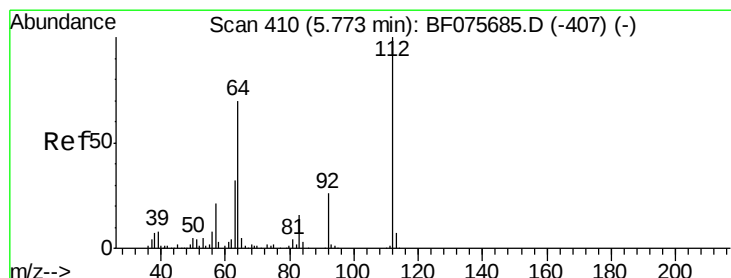
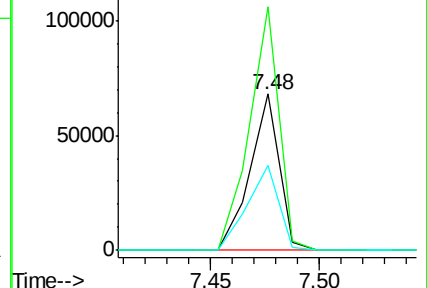
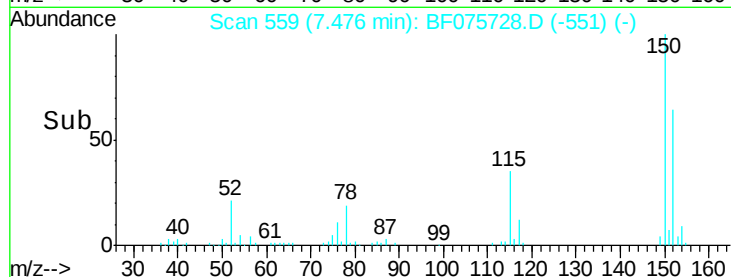
115 54.1 57.1 85.7#



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: 54.72 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075728.D

Acq: 21 Nov 2014 1:46

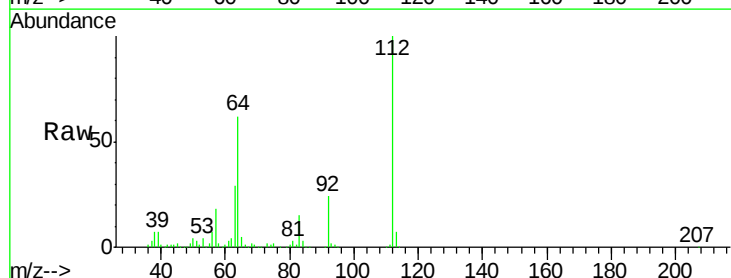
Tgt Ion:112 Resp: 223313

Ion Ratio Lower Upper

112 100

64 61.9 45.8 68.6

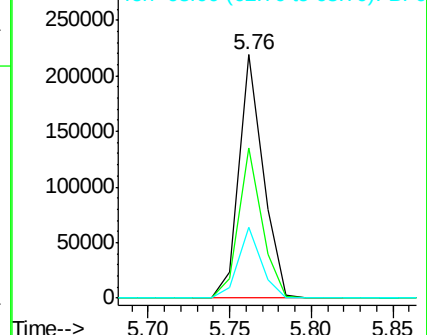
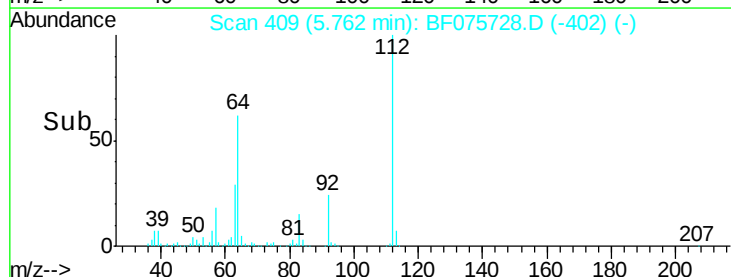
63 29.2 22.7 34.1

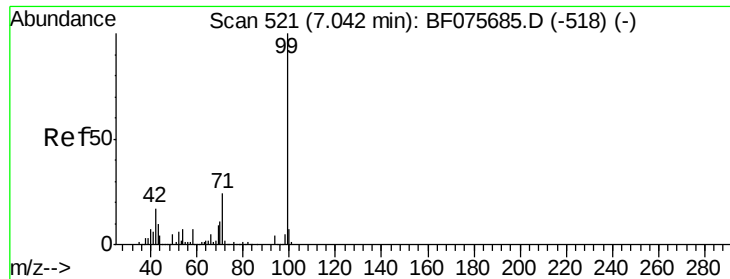


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.64 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075728.D

Acq: 21 Nov 2014 1:46

Instrument :

BNA_F

ClientSampleId :

MW-05-11-14-14

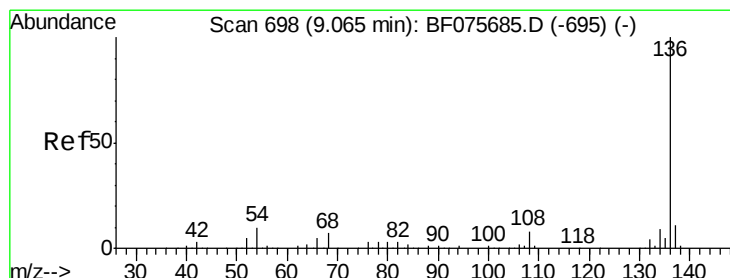
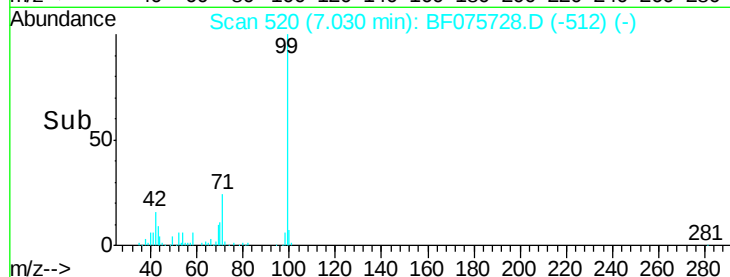
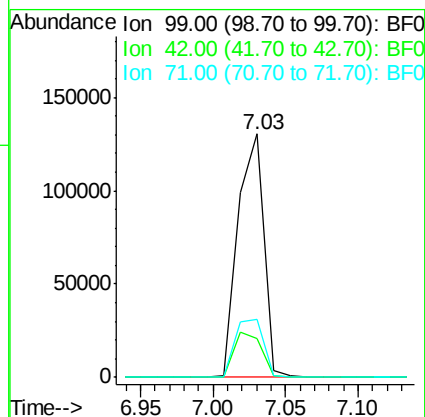
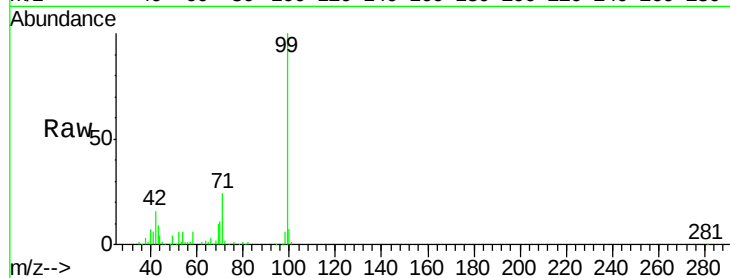
Tgt Ion: 99 Resp: 161985

Ion Ratio Lower Upper

99 100

42 16.2 19.8 29.6#

71 23.8 25.5 38.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075728.D

Acq: 21 Nov 2014 1:46

Tgt Ion: 136 Resp: 268380

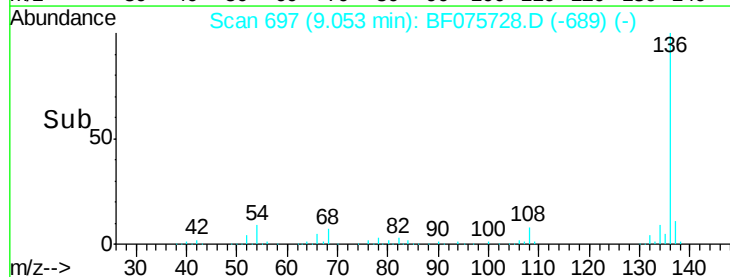
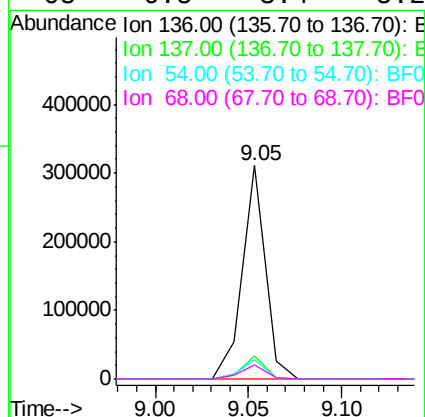
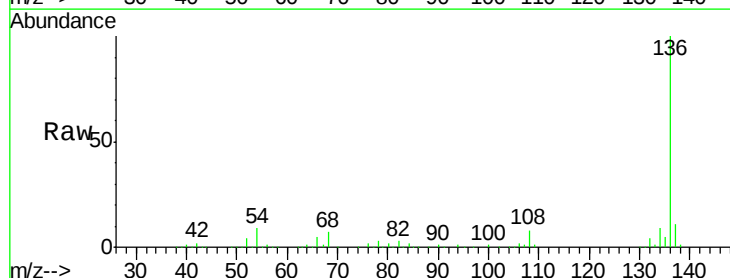
Ion Ratio Lower Upper

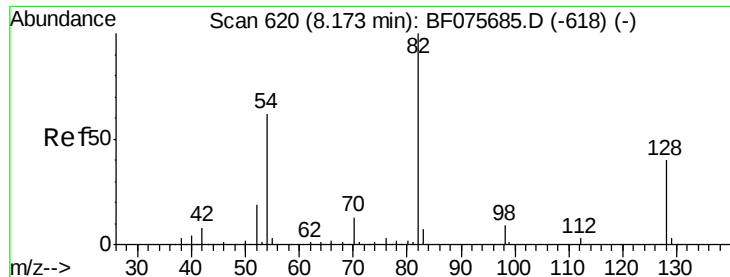
136 100

137 10.9 8.2 12.4

54 8.7 6.2 9.4

68 6.5 3.4 5.2#

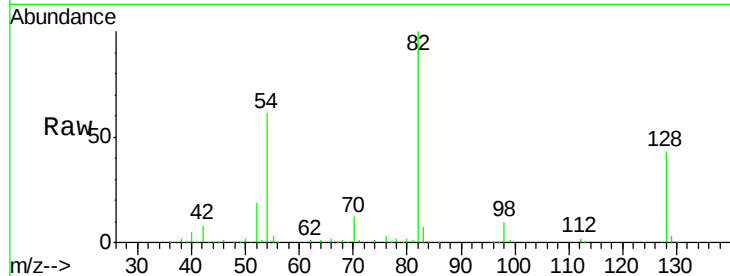




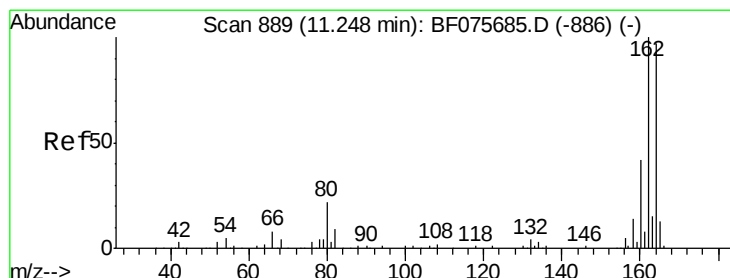
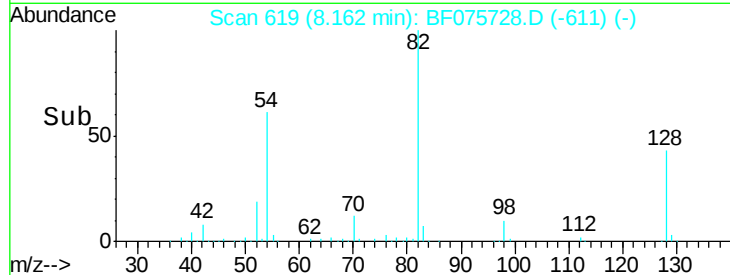
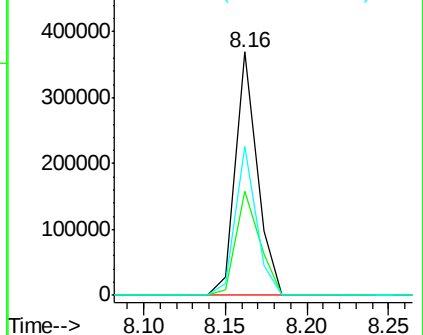
#23
 Nitrobenzene-d5
 Concen: 77.95 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075728.D
 Acq: 21 Nov 2014 1:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-05-11-14-14

Tgt Ion: 82 Resp: 340841
 Ion Ratio Lower Upper
 82 100
 128 42.5 37.8 56.6
 54 61.0 49.8 74.8

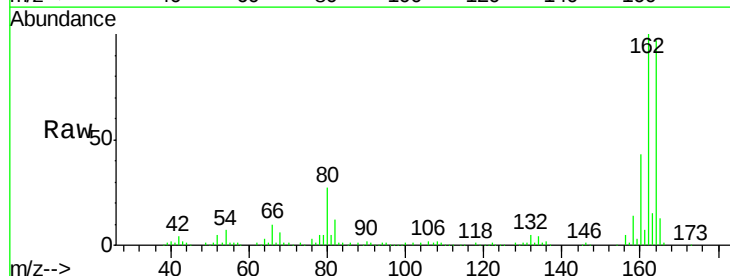


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

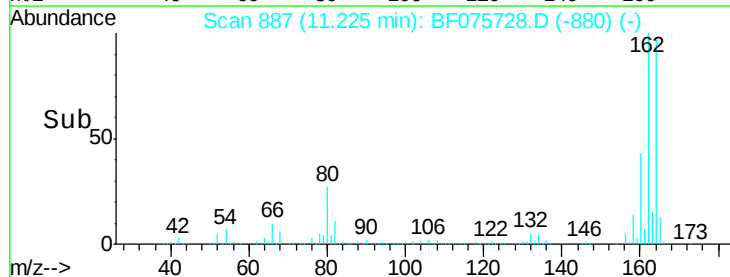
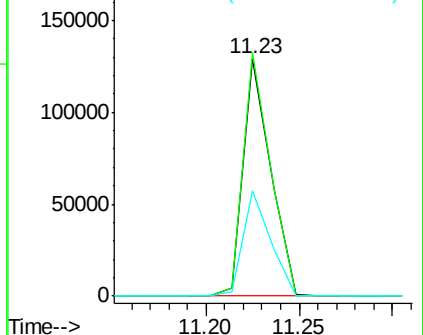


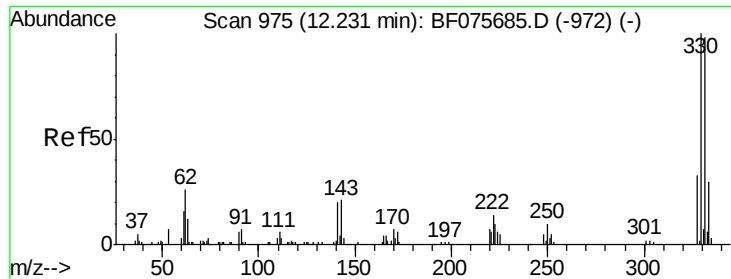
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075728.D
 Acq: 21 Nov 2014 1:46

Tgt Ion: 164 Resp: 131725
 Ion Ratio Lower Upper
 164 100
 162 102.6 79.1 118.7
 160 44.3 34.6 51.8



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

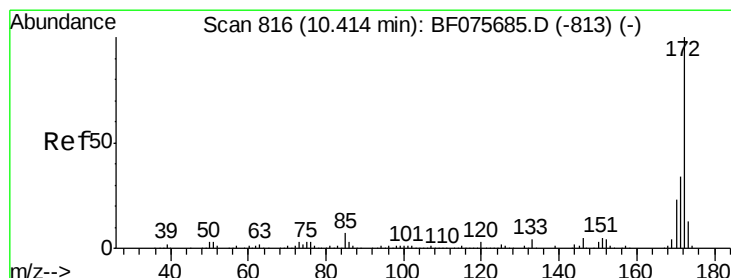
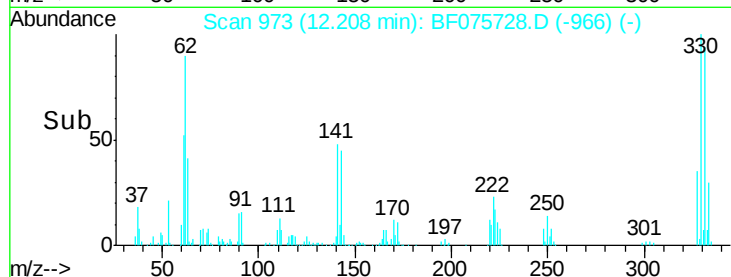
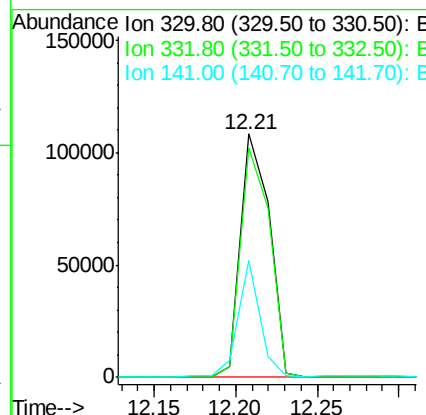
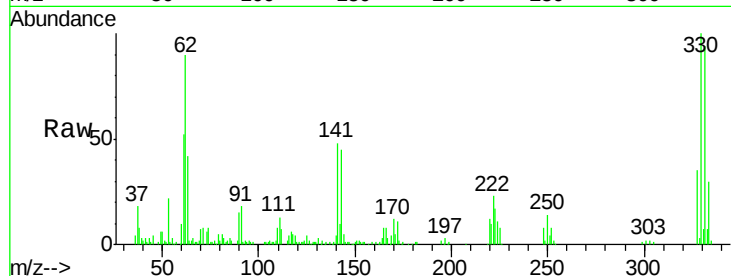




#41
 2,4,6-Tribromophenol
 Concen: 124.11 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075728.D
 Acq: 21 Nov 2014 1:46

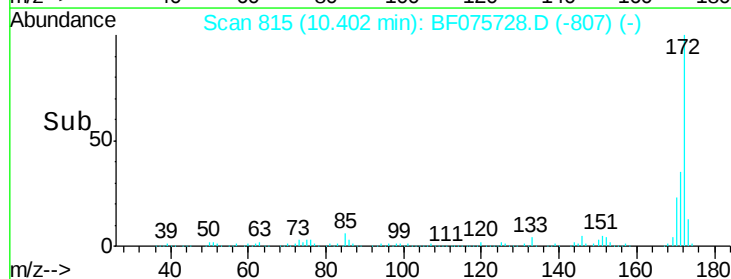
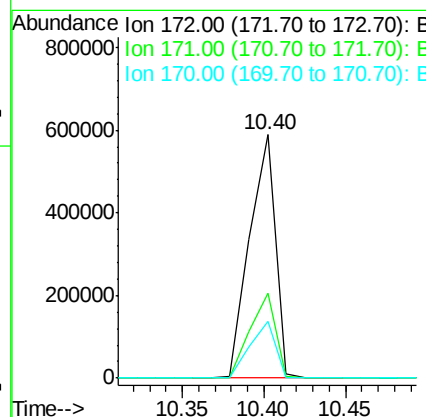
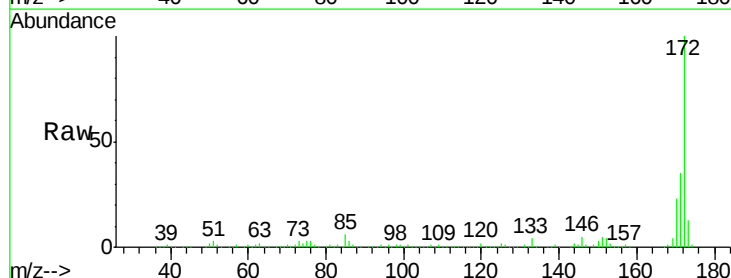
Instrument :
 BNA_F
 ClientSampleId :
 MW-05-11-14-14

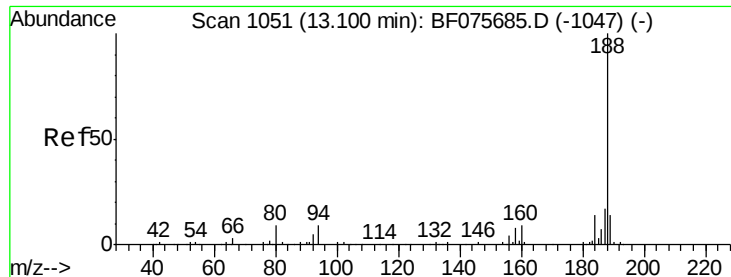
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	74.5	111.7
141	37.1	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 76.62 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075728.D
 Acq: 21 Nov 2014 1:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	23.3	18.4	27.6

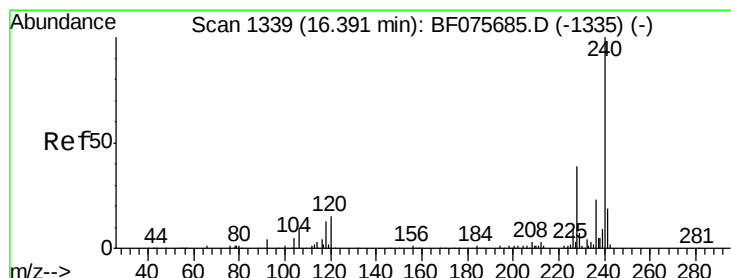
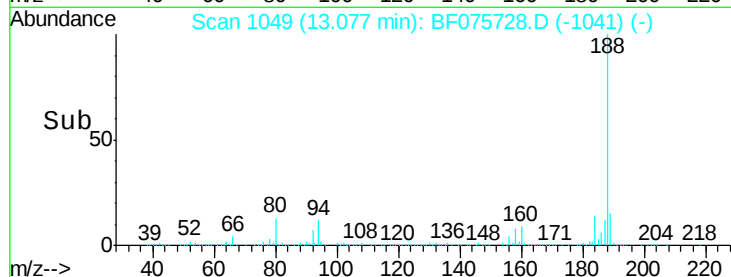
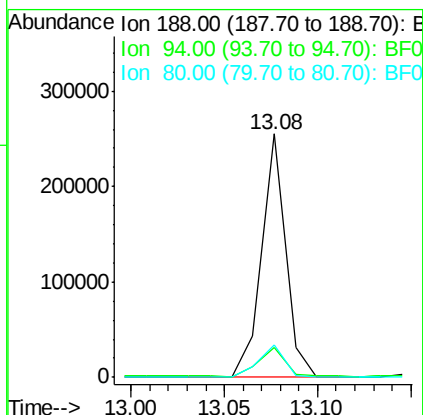
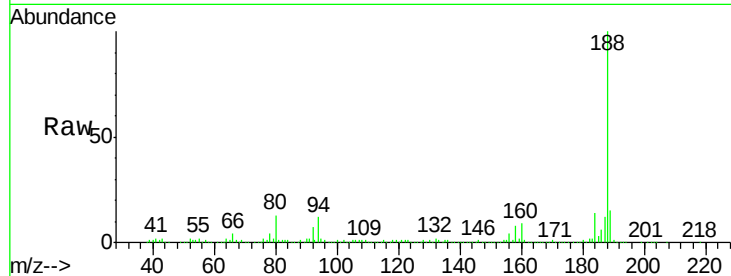




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075728.D
Acq: 21 Nov 2014 1:46

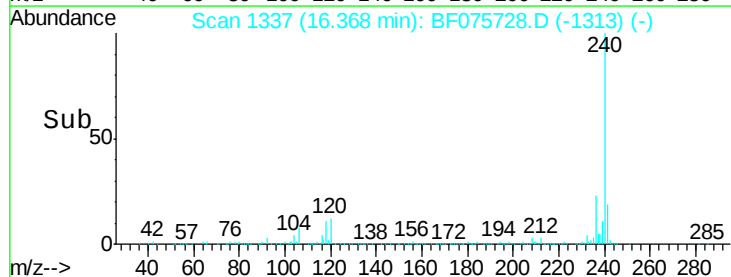
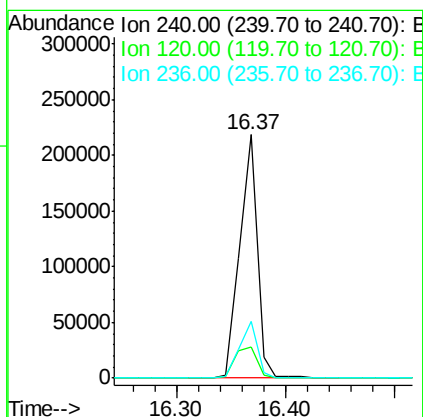
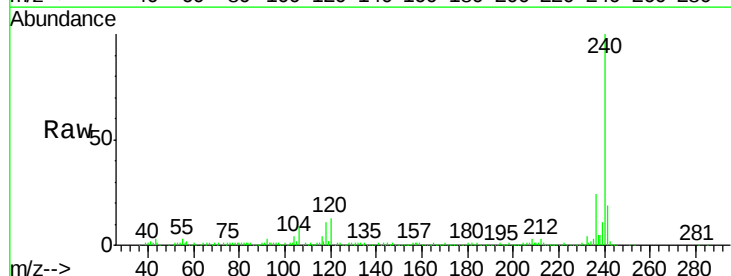
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BNA_F
ClientSampleId :
MW-05-11-14-14

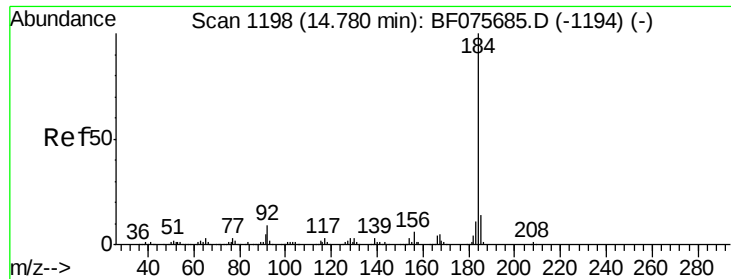
Tgt Ion:188 Resp: 227200
Ion Ratio Lower Upper
188 100
94 12.4 7.8 11.6#
80 13.1 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF075728.D
Acq: 21 Nov 2014 1:46

Tgt Ion:240 Resp: 243077
Ion Ratio Lower Upper
240 100
120 12.7 9.6 14.4
236 23.5 18.9 28.3





#76

Benzidine

Concen: Below Cal

RT: 14.77 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF075728.D

Acq: 21 Nov 2014 1:46

Instrument :

BNA_F

ClientSampleId :

MW-05-11-14-14

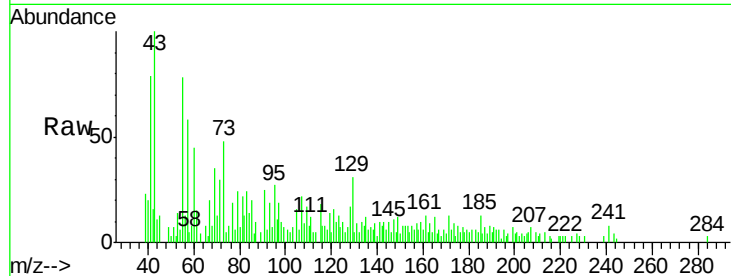
Tgt Ion:184 Resp: 883

Ion Ratio Lower Upper

184 100

185 291.4 10.9 16.3#

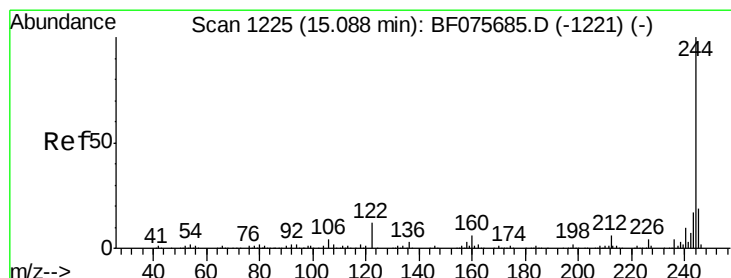
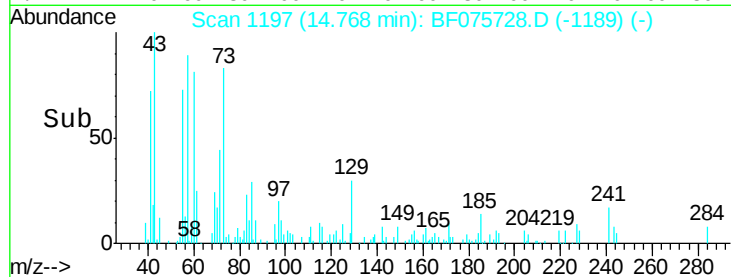
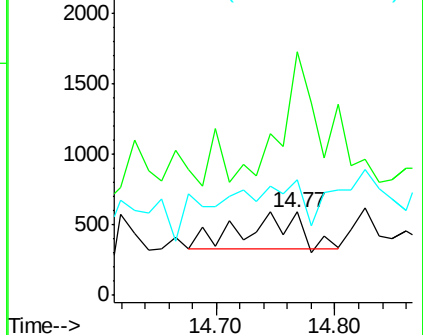
183 137.9 8.7 13.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 59.58 ng

RT: 15.08 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF075728.D

Acq: 21 Nov 2014 1:46

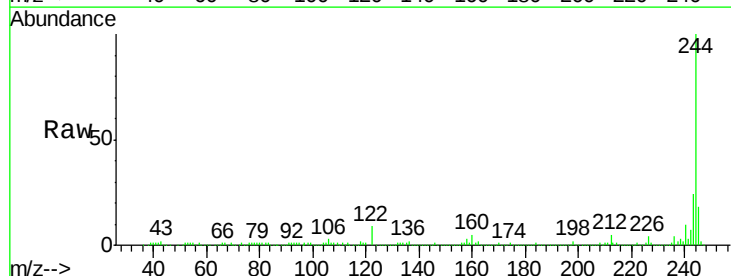
Tgt Ion:244 Resp: 578967

Ion Ratio Lower Upper

244 100

212 5.5 5.5 8.3#

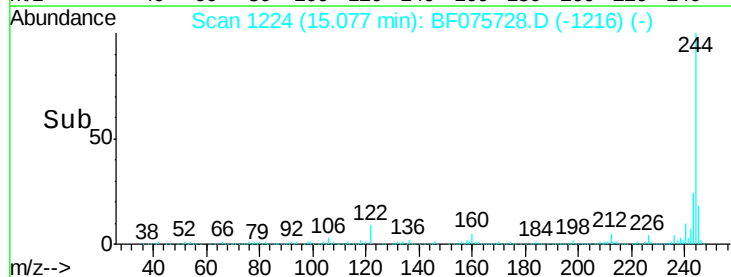
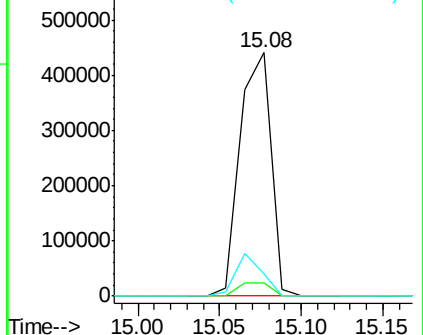
122 9.3 9.7 14.5#

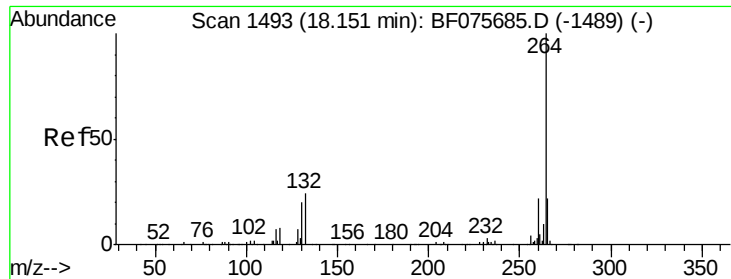


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.08 min Scan# 1487
Delta R.T. -0.08 min
Lab File: BF075728.D
Acq: 21 Nov 2014 1:46

Instrument :
BNA_F
ClientSampleId :
MW-05-11-14-14

Tgt Ion: 264 Resp: 247085
Ion Ratio Lower Upper
264 100
260 22.5 17.9 26.9
265 21.2 16.3 24.5

