

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075726.D
 Acq On : 21 Nov 2014 00:48
 Operator : TP / JJ
 Sample : F4777-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-11-14-14

Quant Time: Nov 21 04:53:17 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

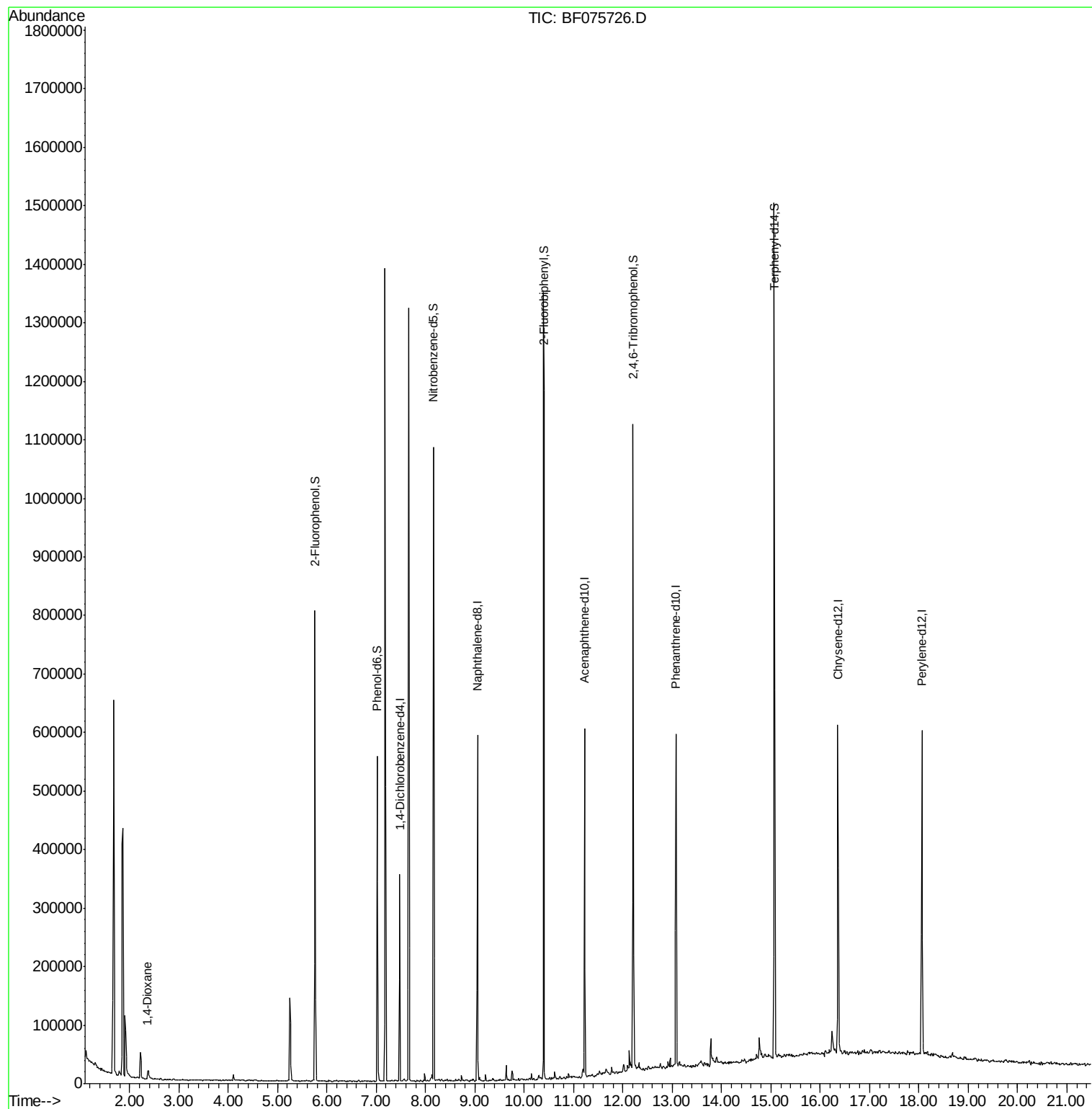
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	63536	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	271168	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	131412	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	227438	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	237356	20.00	ng	-0.03
86) Perylene-d12	18.06	264	240128	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	236491	57.83	ng	-0.02
7) Phenol-d6	7.02	99	237208	47.69	ng	-0.02
23) Nitrobenzene-d5	8.16	82	321913	72.87	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	128473	119.91	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	628478	74.87	ng	-0.01
78) Terphenyl-d14	15.07	244	524795	55.30	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.37	88	9760	5.27	ng	Qvalue 95

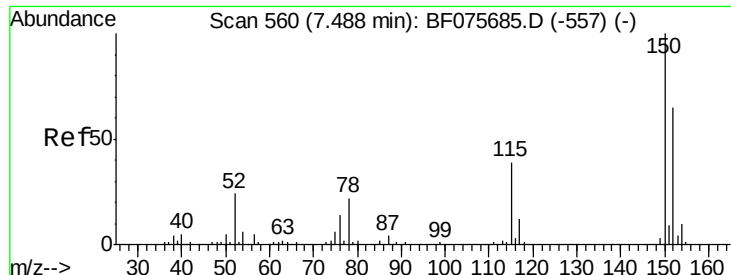
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 19 18:09:59 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075726.D

Acq: 21 Nov 2014 00:48

Instrument :

BNA_F

ClientSampleId :

MW-02-11-14-14

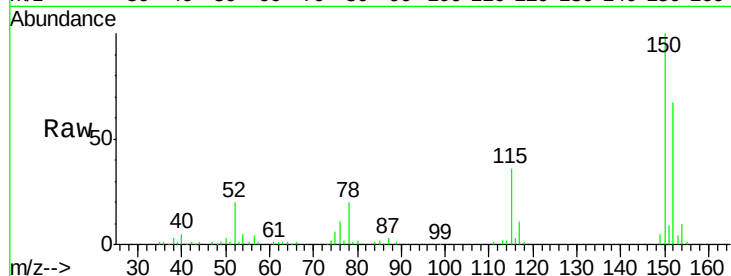
Tgt Ion:152 Resp: 63536

Ion Ratio Lower Upper

152 100

150 149.7 127.2 190.8

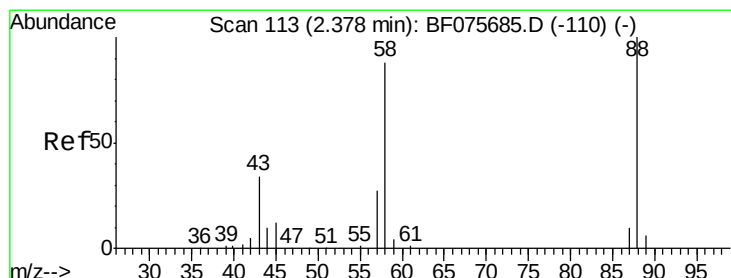
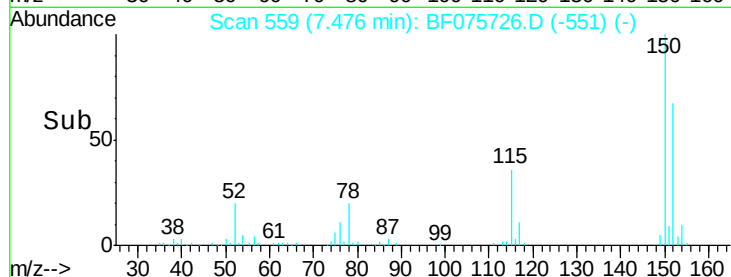
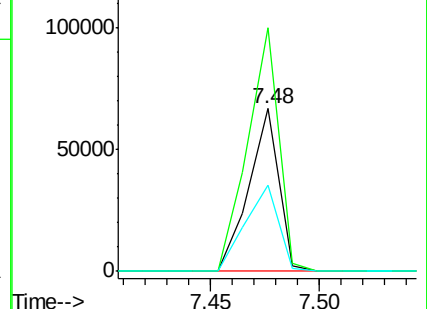
115 53.4 57.1 85.7#



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



#2

1,4-Dioxane

Concen: 5.27 ng

RT: 2.37 min Scan# 112

Delta R.T. -0.03 min

Lab File: BF075726.D

Acq: 21 Nov 2014 00:48

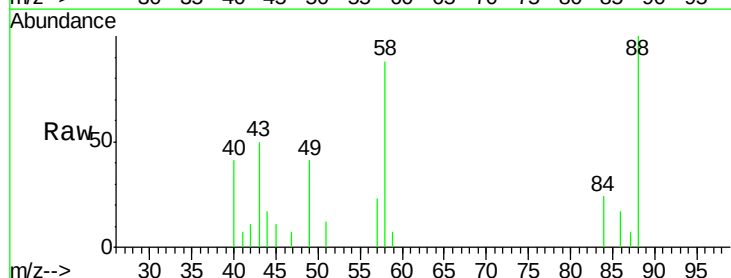
Tgt Ion: 88 Resp: 9760

Ion Ratio Lower Upper

88 100

58 97.4 73.5 110.3

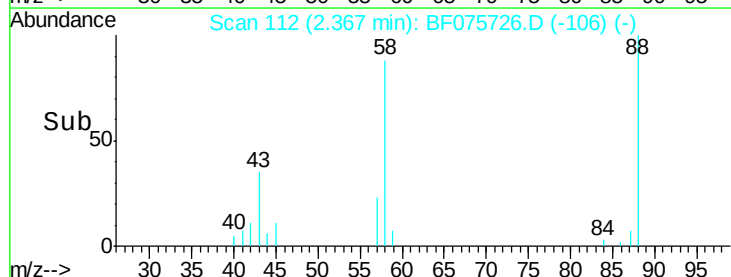
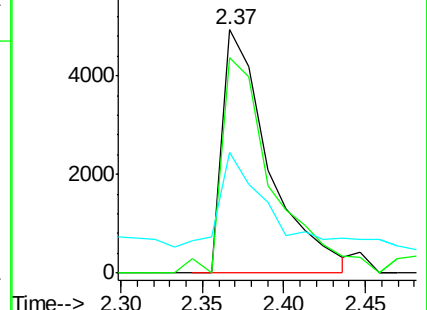
43 38.6 31.9 47.9

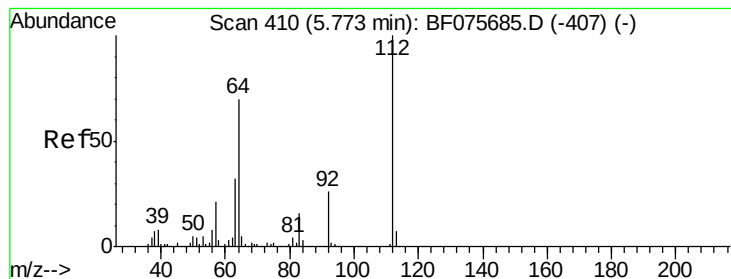


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 57.83 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075726.D

Acq: 21 Nov 2014 00:48

Instrument :

BNA_F

ClientSampleId :

MW-02-11-14-14

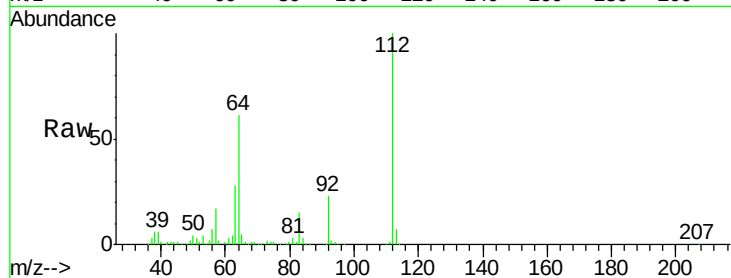
Tgt Ion: 112 Resp: 236491

Ion Ratio Lower Upper

112 100

64 61.1 45.8 68.6

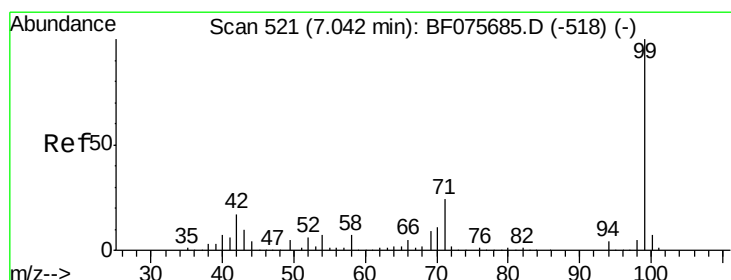
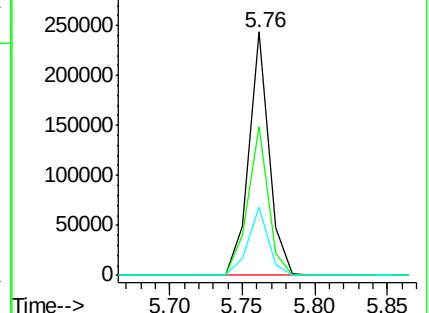
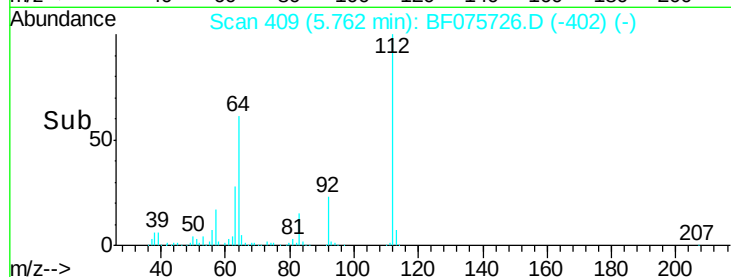
63 27.8 22.7 34.1



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: 47.69 ng

RT: 7.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF075726.D

Acq: 21 Nov 2014 00:48

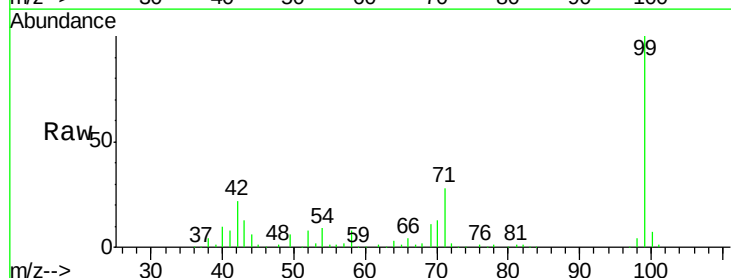
Tgt Ion: 99 Resp: 237208

Ion Ratio Lower Upper

99 100

42 22.3 19.8 29.6

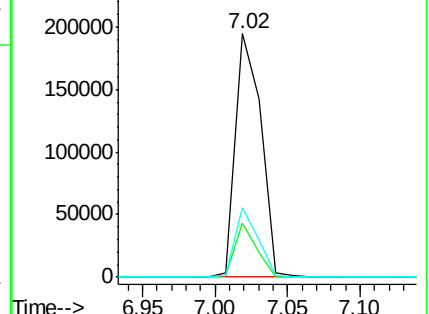
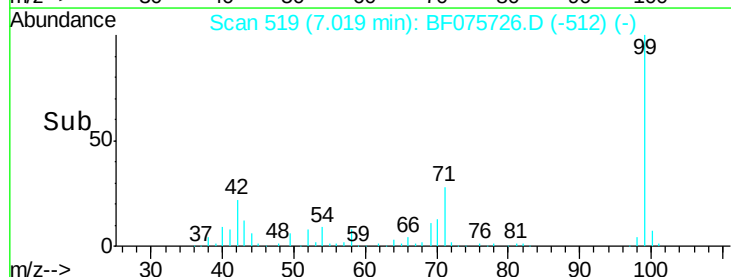
71 28.3 25.5 38.3

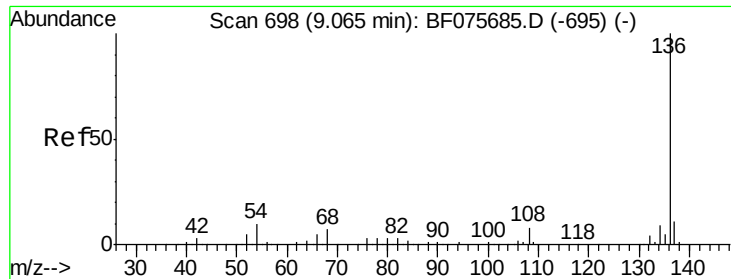


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

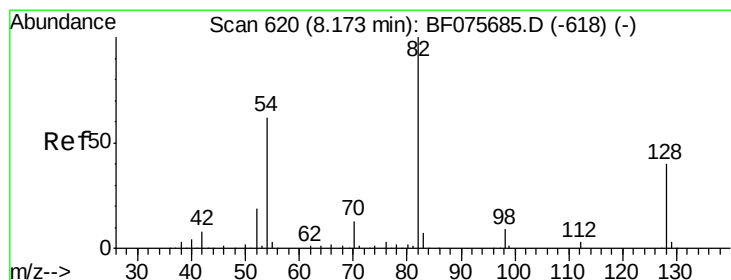
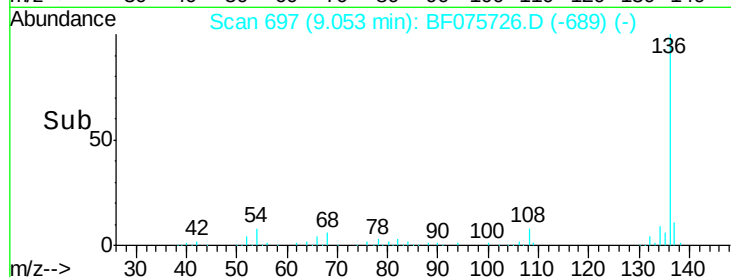
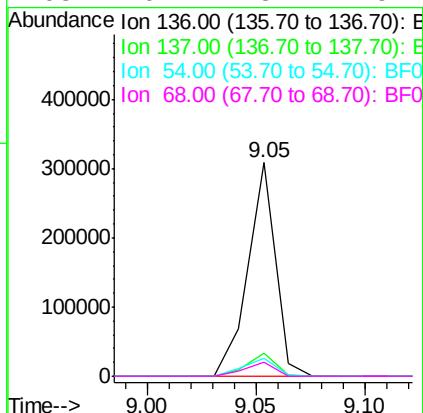
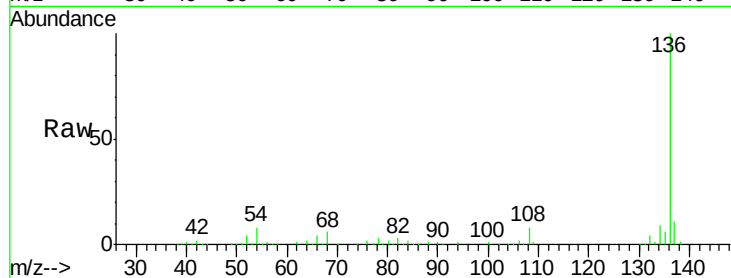




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

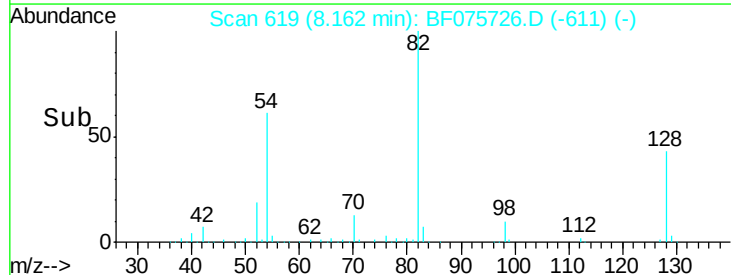
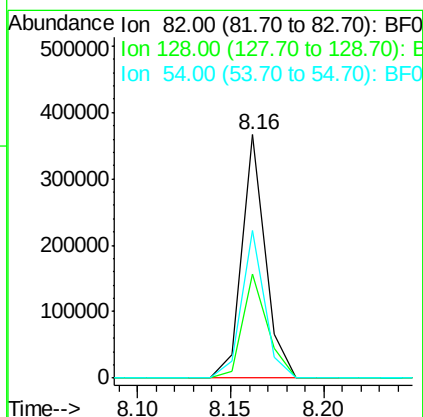
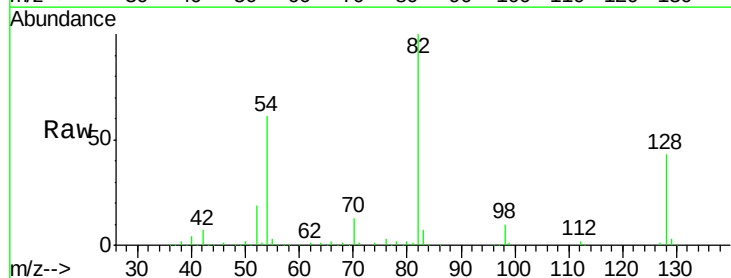
Instrument :
BNA_F
ClientSampleId :
MW-02-11-14-14

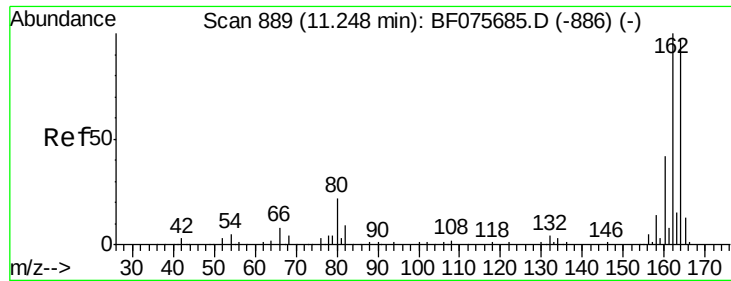
Tgt Ion:	136	Resp:	271168
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.1	6.2	9.4
68	6.4	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 72.87 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Tgt Ion:	82	Resp:	321913
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.8	56.6
54	60.9	49.8	74.8

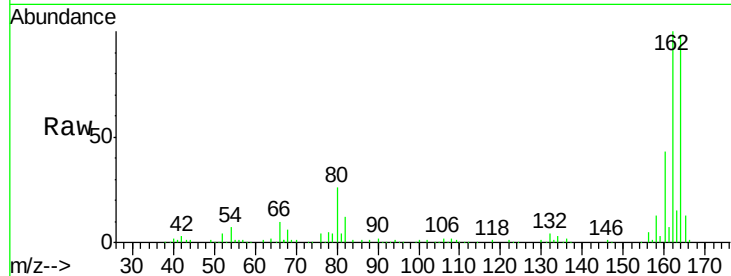




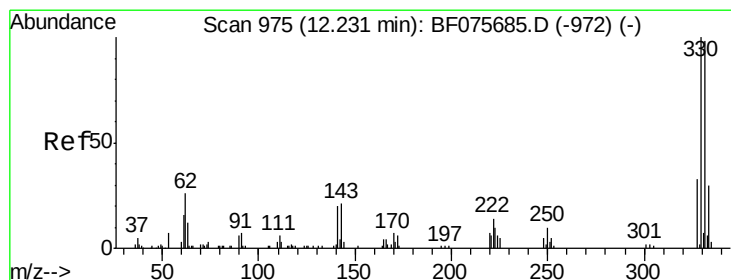
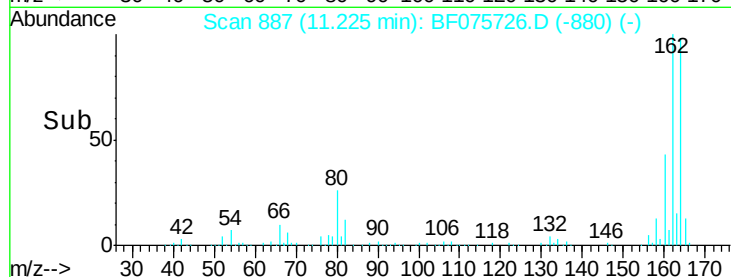
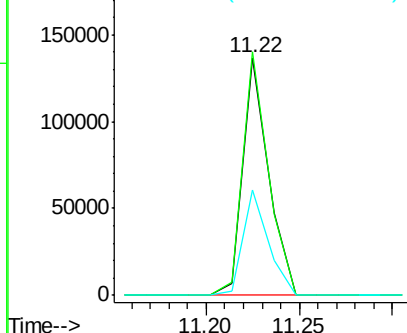
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075726.D
 Acq: 21 Nov 2014 00:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-11-14-14

Tgt Ion:164 Resp: 131412
 Ion Ratio Lower Upper
 164 100
 162 102.4 79.1 118.7
 160 44.4 34.6 51.8

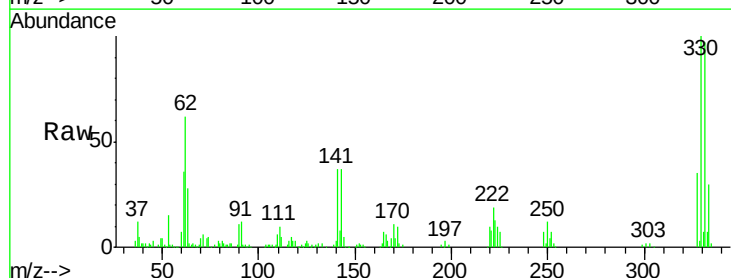


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

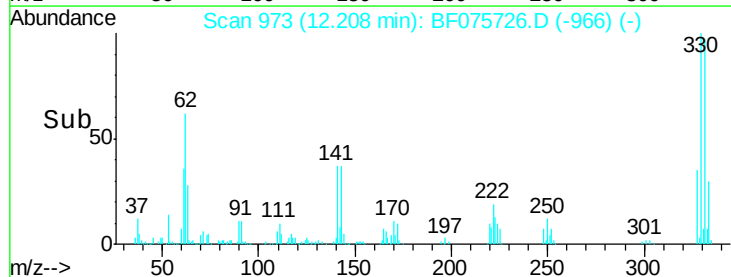
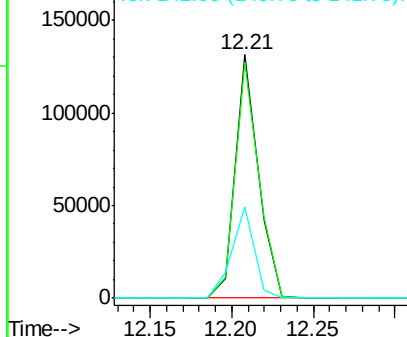


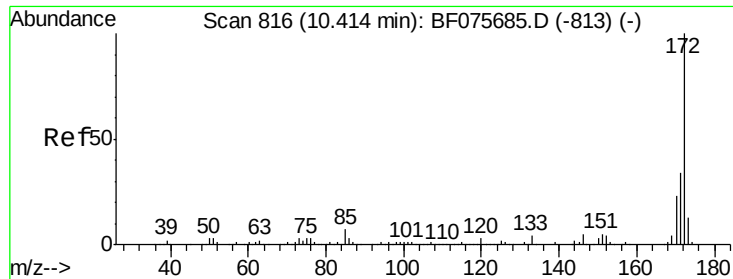
#41
 2,4,6-Tribromophenol
 Concen: 119.91 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075726.D
 Acq: 21 Nov 2014 00:48

Tgt Ion:330 Resp: 128473
 Ion Ratio Lower Upper
 330 100
 332 98.2 74.5 111.7
 141 36.0 30.7 46.1



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

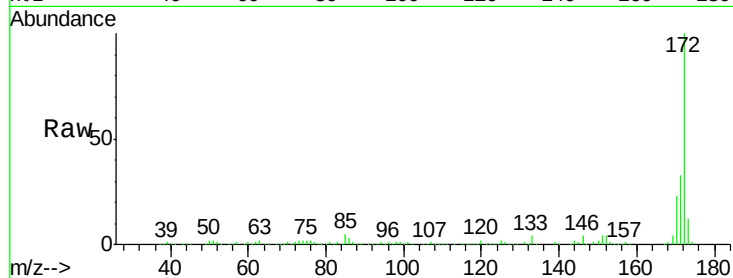




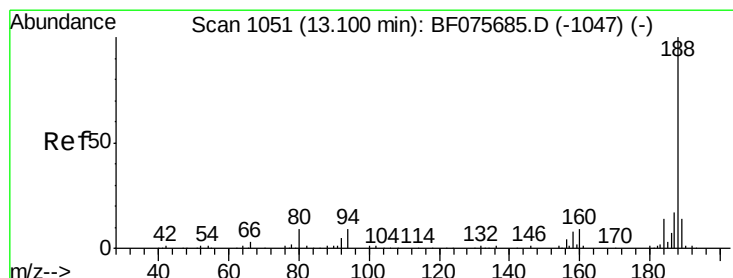
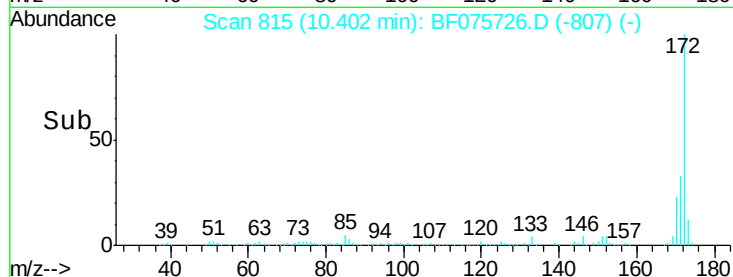
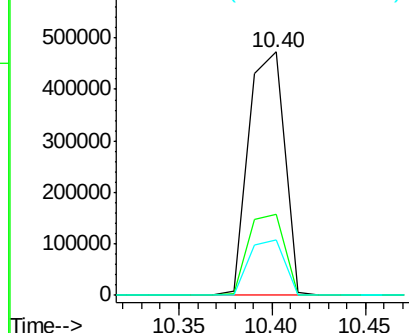
#44
 2-Fluorobiphenyl
 Concen: 74.87 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075726.D
 Acq: 21 Nov 2014 00:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-11-14-14

Tgt Ion:172 Resp: 628478
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.3 40.9
 170 22.6 18.4 27.6

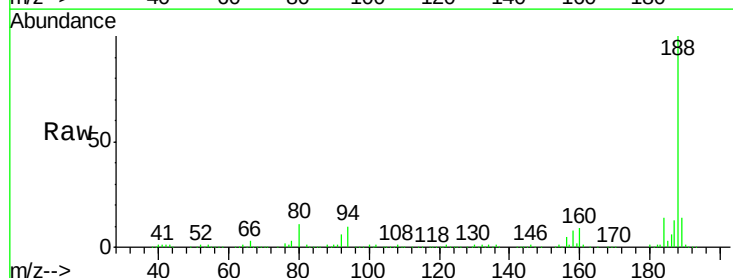


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

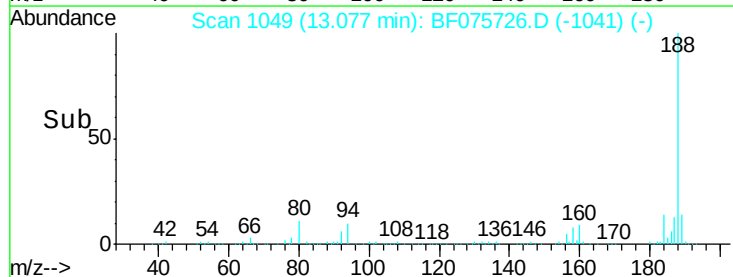
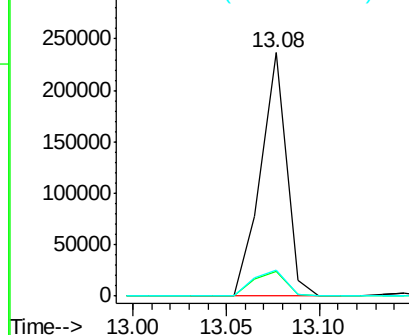


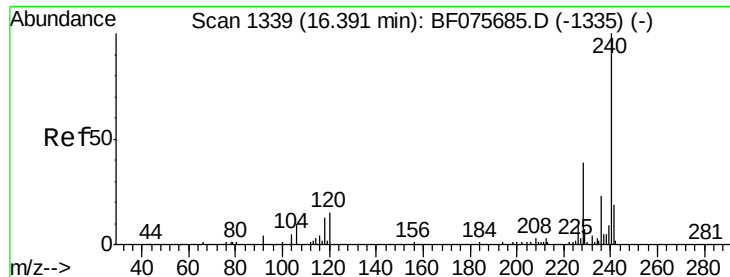
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF075726.D
 Acq: 21 Nov 2014 00:48

Tgt Ion:188 Resp: 227438
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.8 11.6
 80 10.8 8.0 12.0



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: 16.36 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF075726.D

Acq: 21 Nov 2014 00:48

Instrument :

BNA_F

ClientSampleId :

MW-02-11-14-14

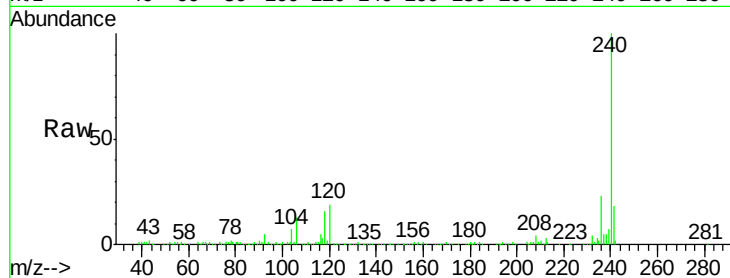
Tgt Ion:240 Resp: 237356

Ion Ratio Lower Upper

240 100

120 19.1 9.6 14.4#

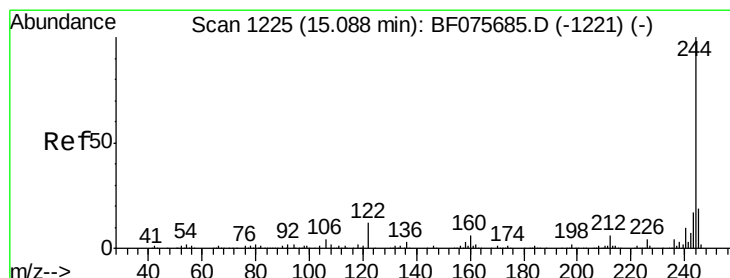
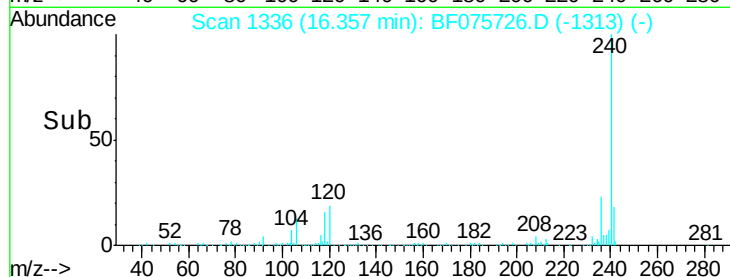
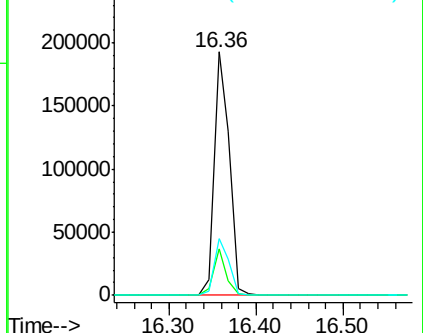
236 23.1 18.9 28.3



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: 55.30 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF075726.D

Acq: 21 Nov 2014 00:48

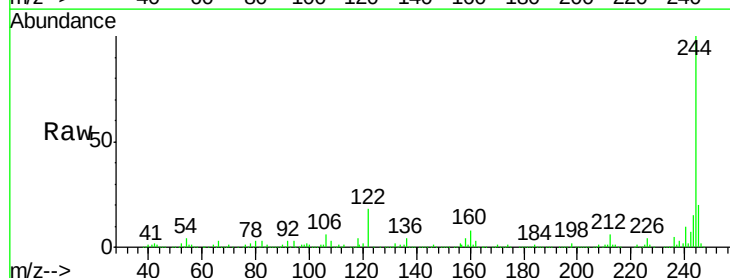
Tgt Ion:244 Resp: 524795

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

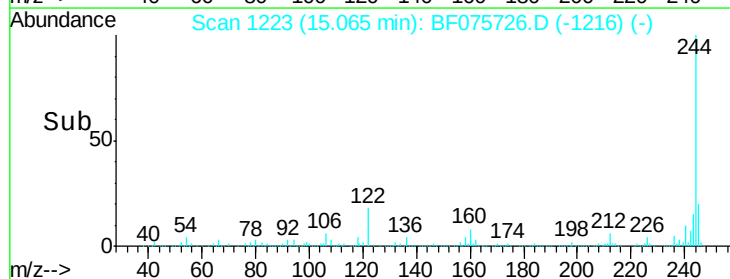
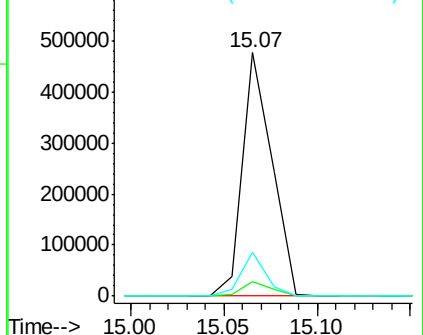
122 17.9 9.7 14.5#

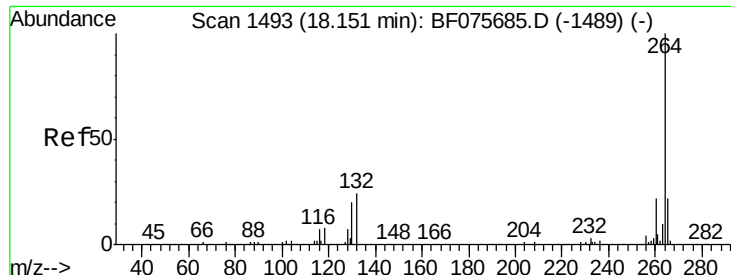


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

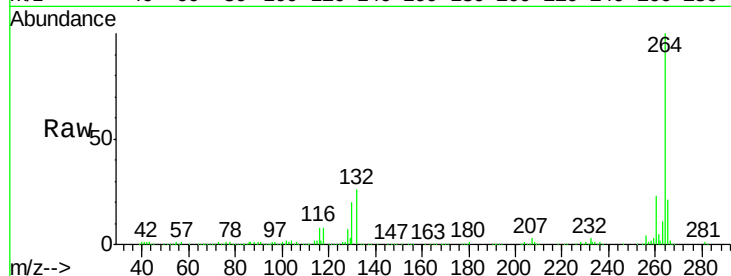




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.06 min Scan# 1485
Delta R.T. -0.10 min
Lab File: BF075726.D
Acq: 21 Nov 2014 00:48

Instrument :
BNA_F
ClientSampleId :
MW-02-11-14-14

Tgt Ion: 264 Resp: 240128
Ion Ratio Lower Upper
264 100
260 22.8 17.9 26.9
265 20.9 16.3 24.5



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

