

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075729.D
 Acq On : 21 Nov 2014 2:15
 Operator : TP / JJ
 Sample : F4768-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-10

Quant Time: Nov 21 04:53:47 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

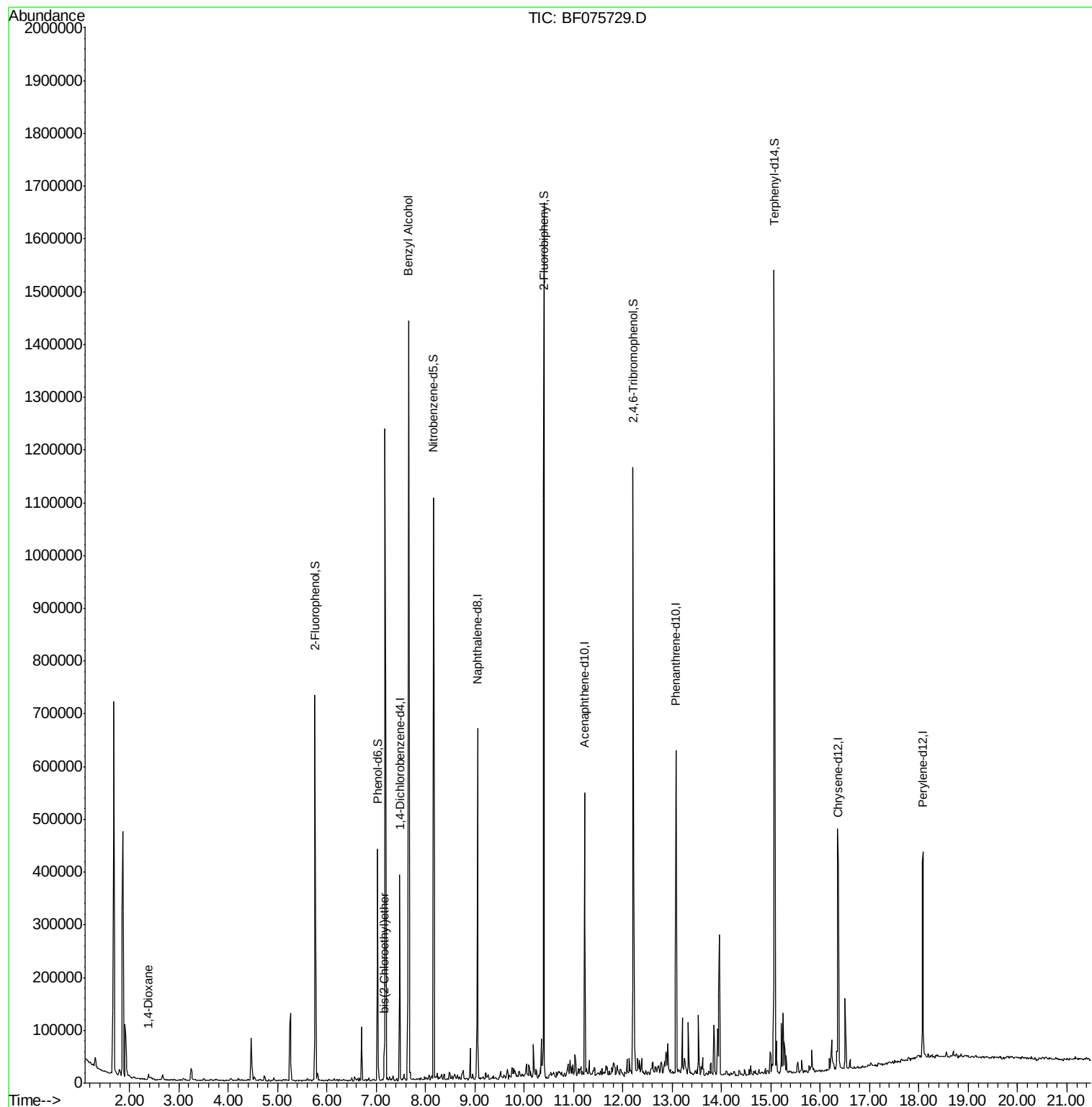
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	64420	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	277880	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	135287	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	234097	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	228011	20.00	ng	-0.02
86) Perylene-d12	18.08	264	209719	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	229523	55.35	ng	-0.02
7) Phenol-d6	7.03	99	174603	34.63	ng	-0.01
23) Nitrobenzene-d5	8.16	82	361289	79.80	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	140616	127.49	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	678777	78.55	ng	-0.01
78) Terphenyl-d14	15.07	244	612533	67.19	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.38	88	4818	2.57	ng	# 81
11) bis(2-Chloroethyl)ether	7.16	93	10713	2.37	ng	# 89
15) Benzyl Alcohol	7.66	79	7544	2.09	ng	# 42

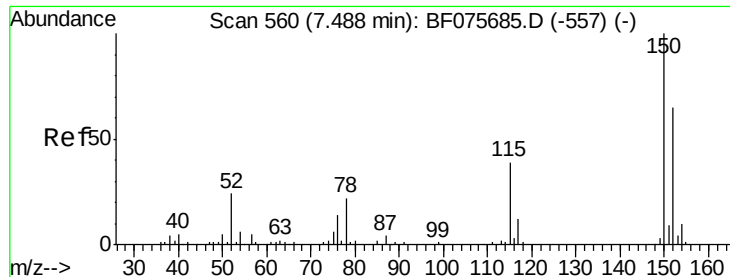
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF075729.D

Acq: 21 Nov 2014 2:15

Instrument :

BNA_F

ClientSampled :

SP-10

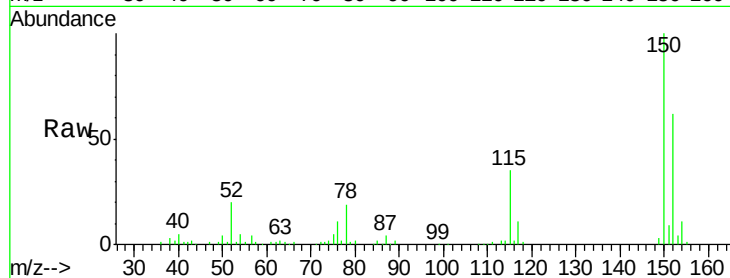
Tgt Ion:152 Resp: 64420

Ion Ratio Lower Upper

152 100

150 160.8 127.2 190.8

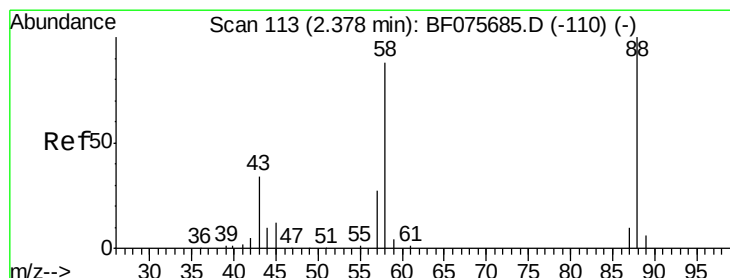
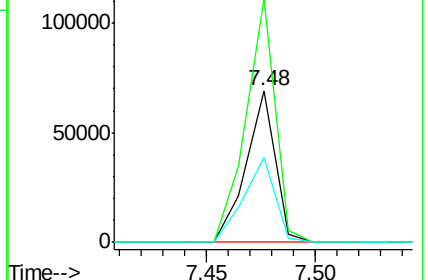
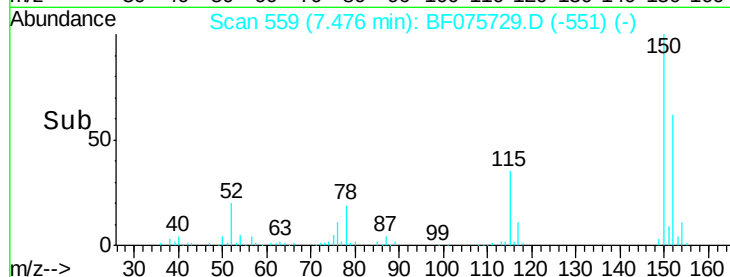
115 56.0 57.1 85.7#



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: 2.57 ng

RT: 2.38 min Scan# 113

Delta R.T. -0.02 min

Lab File: BF075729.D

Acq: 21 Nov 2014 2:15

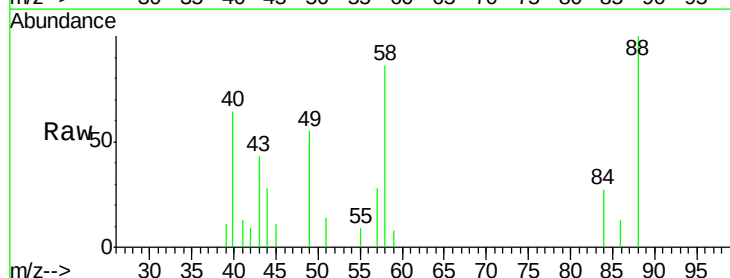
Tgt Ion: 88 Resp: 4818

Ion Ratio Lower Upper

88 100

58 106.3 73.5 110.3

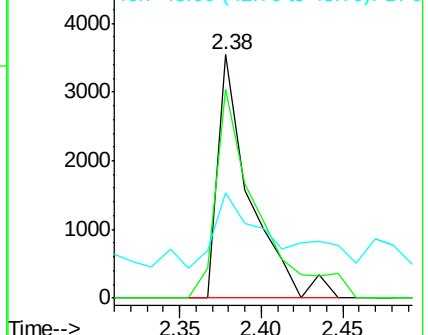
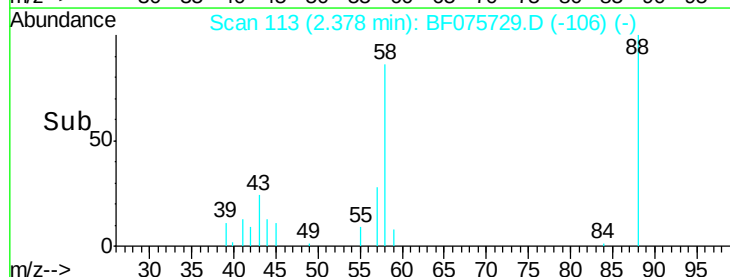
43 57.5 31.9 47.9#

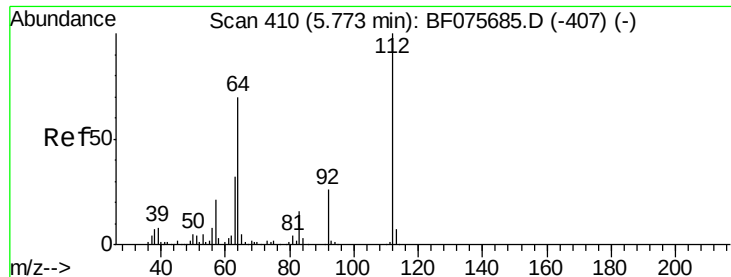


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 55.35 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075729.D

Acq: 21 Nov 2014 2:15

Instrument :

BNA_F

ClientSampled :

SP-10

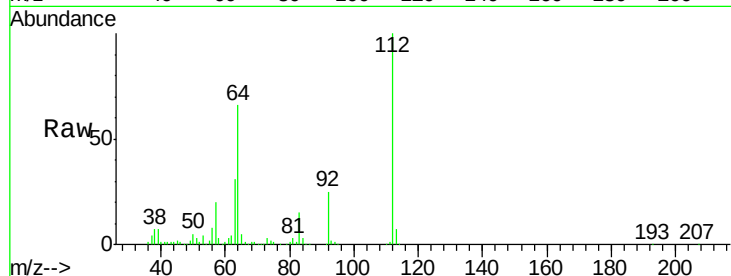
Tgt Ion: 112 Resp: 229523

Ion Ratio Lower Upper

112 100

64 65.5 45.8 68.6

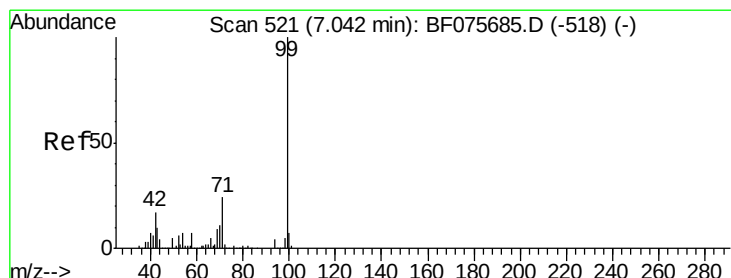
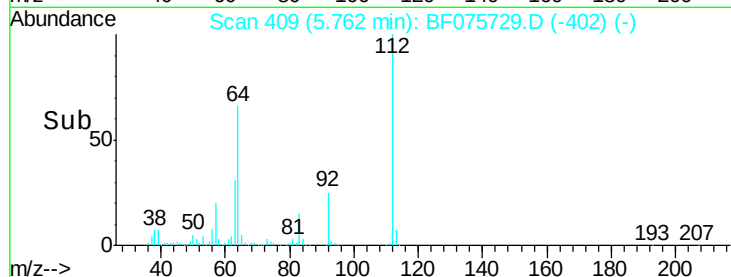
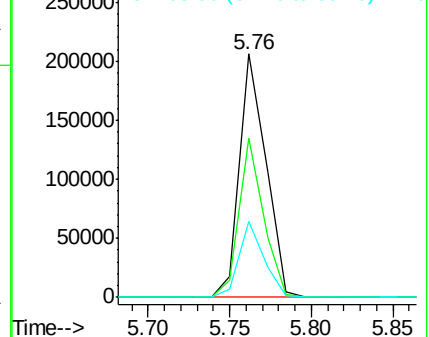
63 31.4 22.7 34.1



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: 34.63 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075729.D

Acq: 21 Nov 2014 2:15

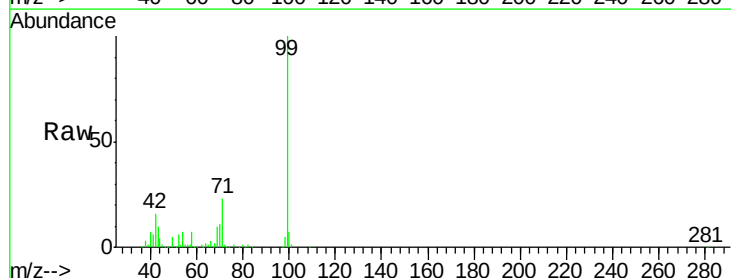
Tgt Ion: 99 Resp: 174603

Ion Ratio Lower Upper

99 100

42 16.4 19.8 29.6#

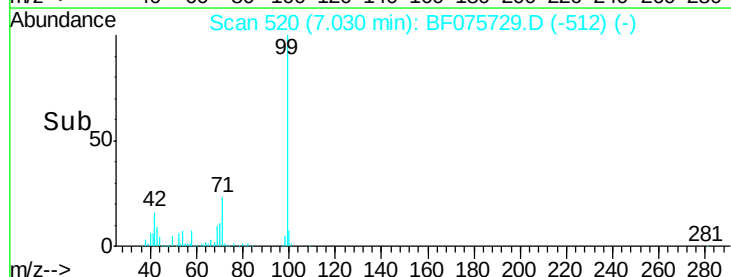
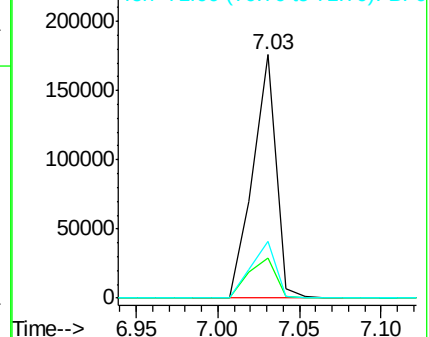
71 23.1 25.5 38.3#

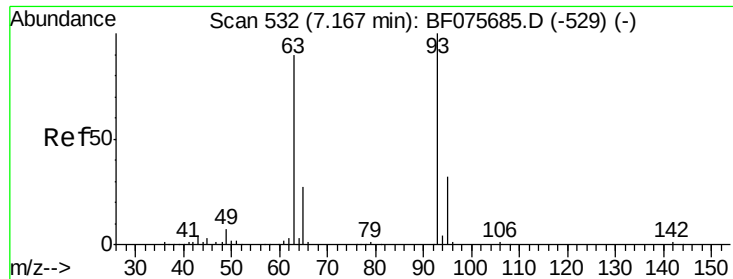


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

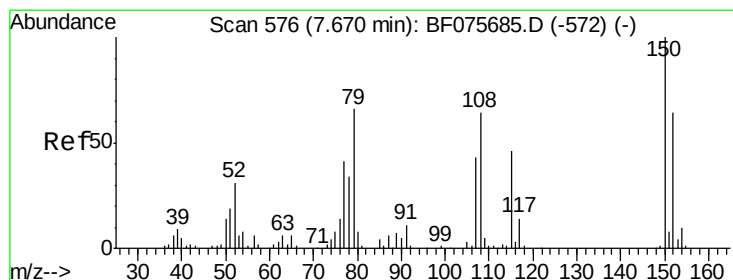
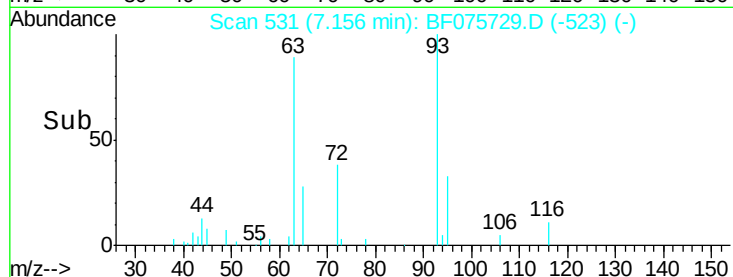
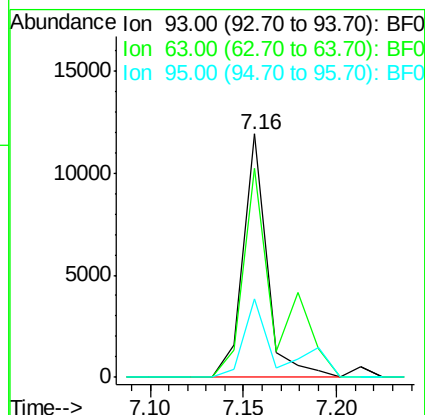
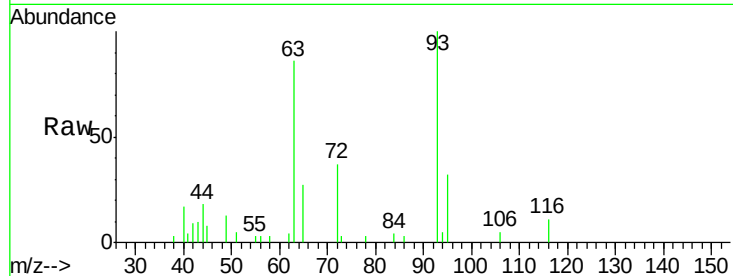




#11
bis(2-Chloroethyl)ether
Concen: 2.37 ng
RT: 7.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

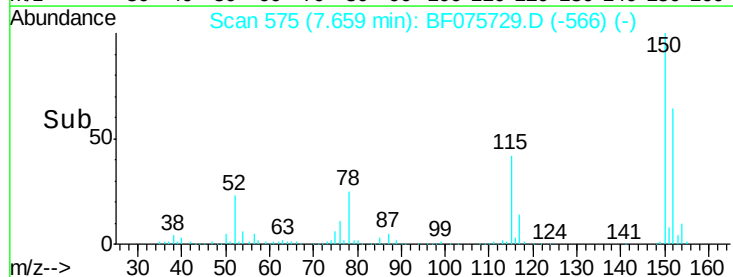
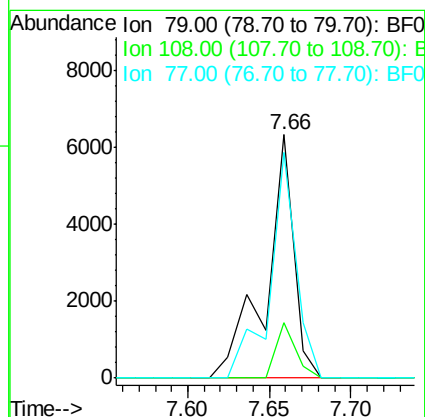
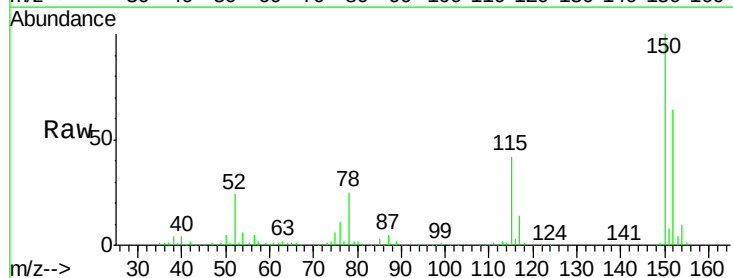
Instrument :
BNA_F
ClientSampleId :
SP-10

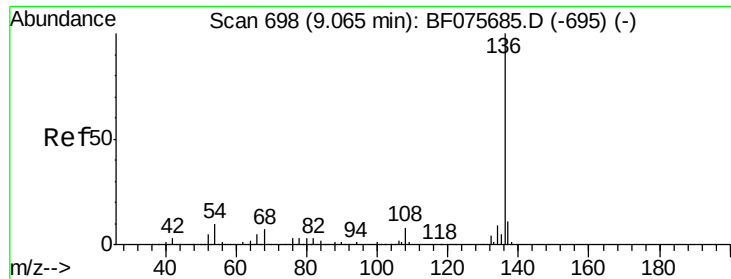
Tgt Ion: 93 Resp: 10713
Ion Ratio Lower Upper
93 100
63 86.0 79.8 119.8
95 32.3 11.2 51.2



#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

Tgt Ion: 79 Resp: 7544
Ion Ratio Lower Upper
79 100
108 22.5 75.5 113.3#
77 92.4 52.1 78.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075729.D

Acq: 21 Nov 2014 2:15

Instrument :

BNA_F

ClientSampleId :

SP-10

Tgt Ion:136 Resp: 277880

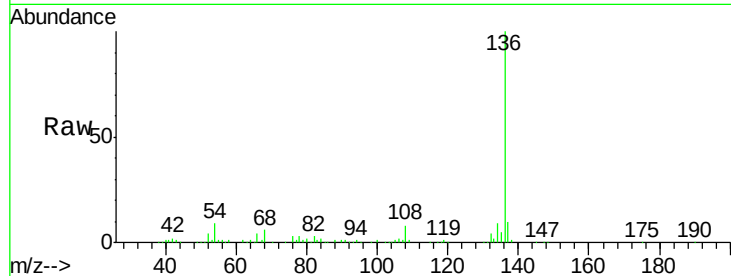
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 9.0 6.2 9.4

68 6.2 3.4 5.2#

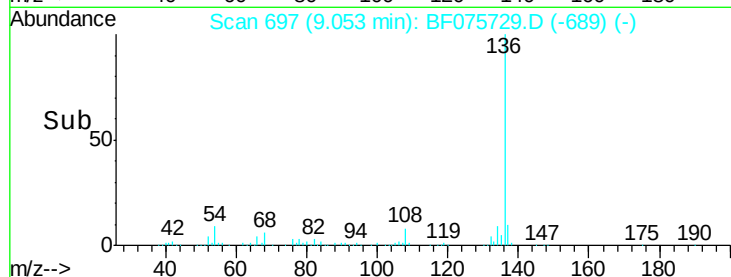


Abundance Ion 136.00 (135.70 to 136.70): E

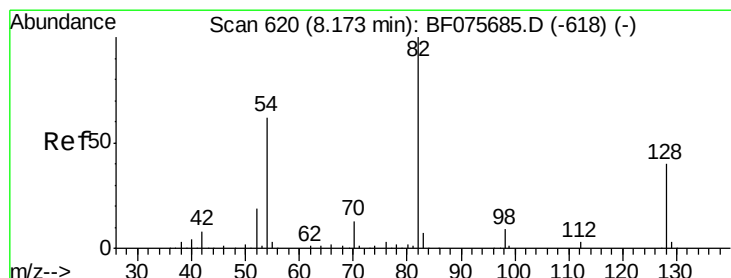
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 79.80 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF075729.D

Acq: 21 Nov 2014 2:15

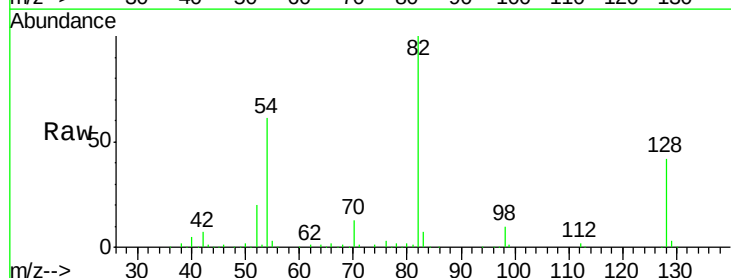
Tgt Ion: 82 Resp: 361289

Ion Ratio Lower Upper

82 100

128 41.8 37.8 56.6

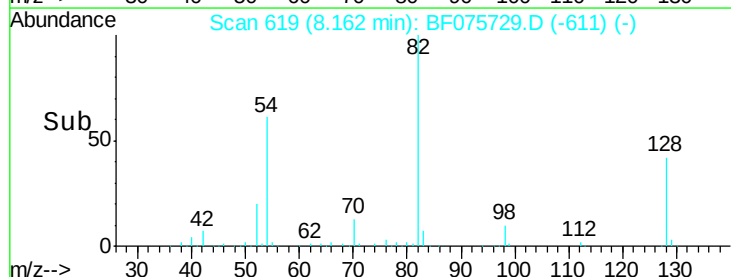
54 61.3 49.8 74.8



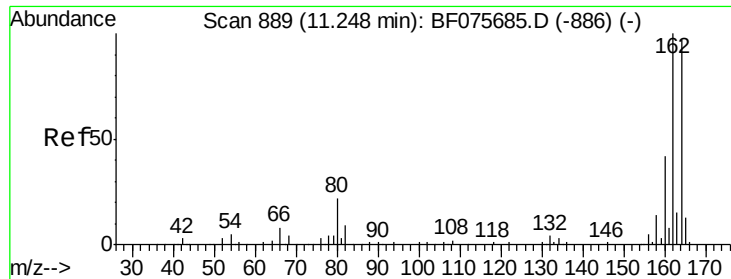
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



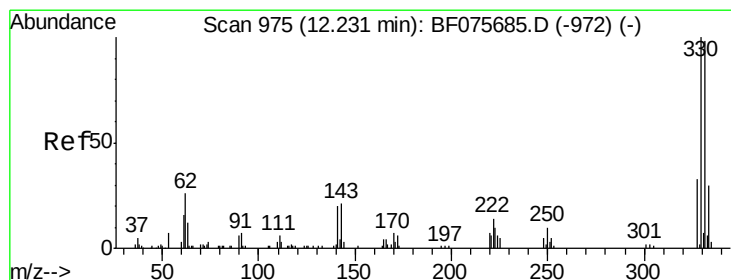
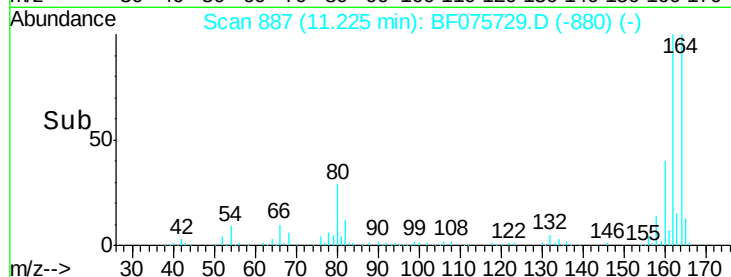
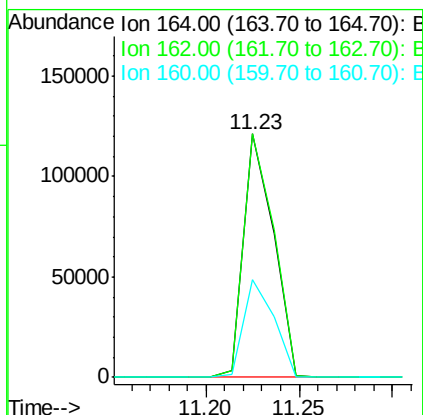
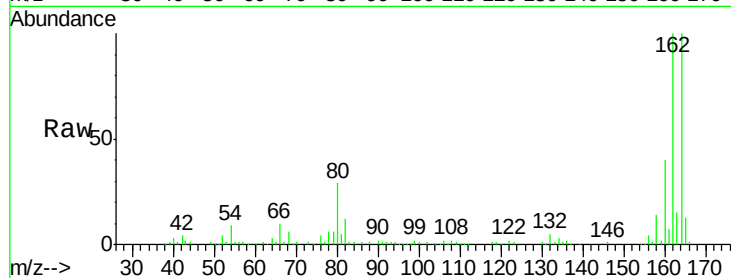
Time-->



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

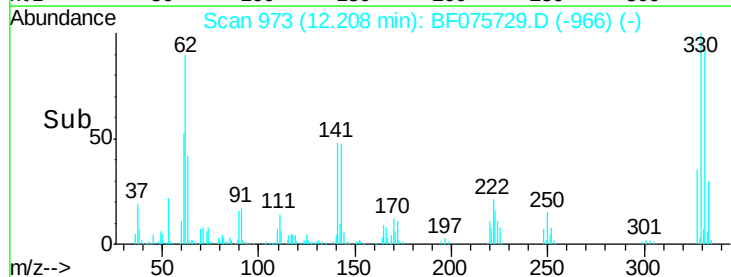
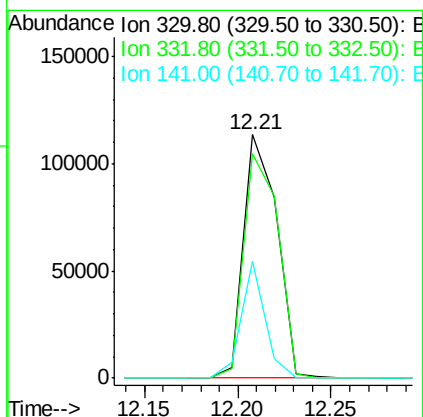
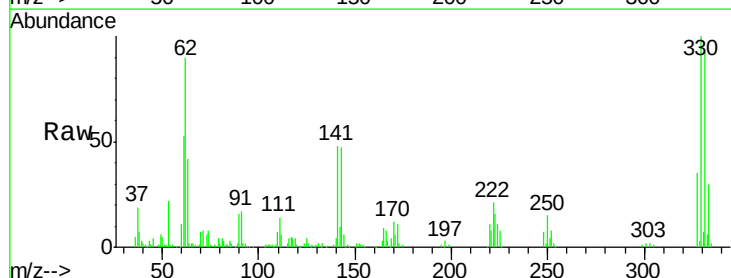
Instrument :
BNA_F
ClientSampleId :
SP-10

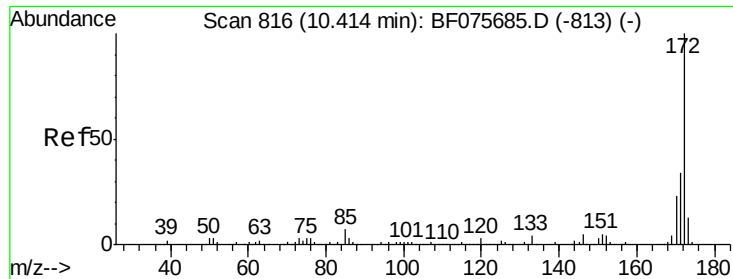
Tgt Ion:164 Resp: 135287
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 40.3 34.6 51.8



#41
2,4,6-Tribromophenol
Concen: 127.49 ng
RT: 12.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

Tgt Ion:330 Resp: 140616
Ion Ratio Lower Upper
330 100
332 95.8 74.5 111.7
141 35.0 30.7 46.1

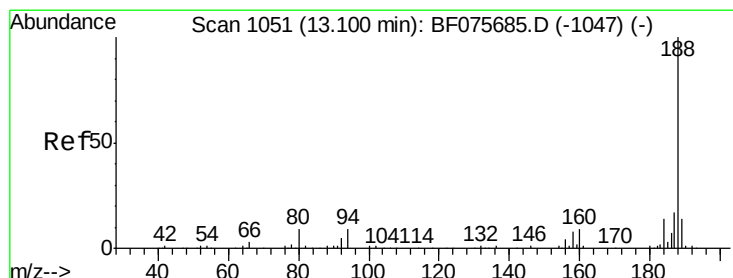
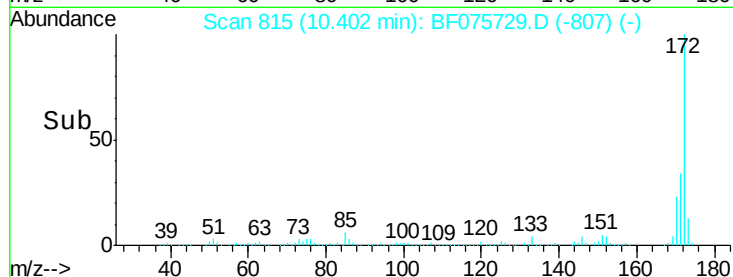
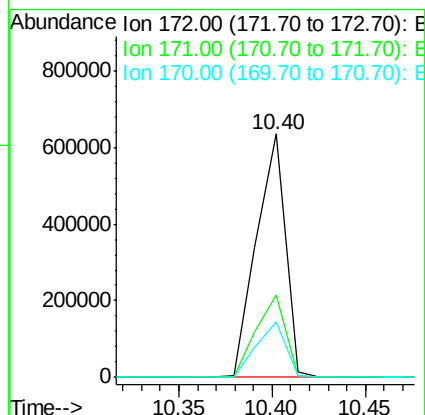
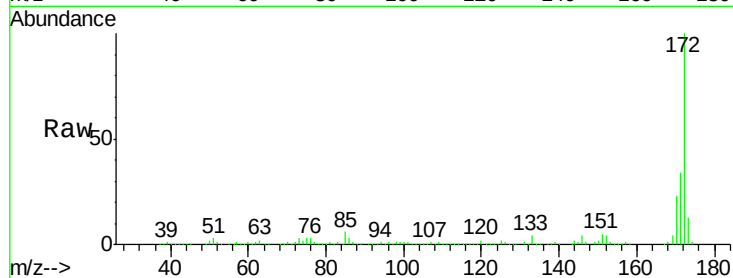




#44
 2-Fluorobiphenyl
 Concen: 78.55 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075729.D
 Acq: 21 Nov 2014 2:15

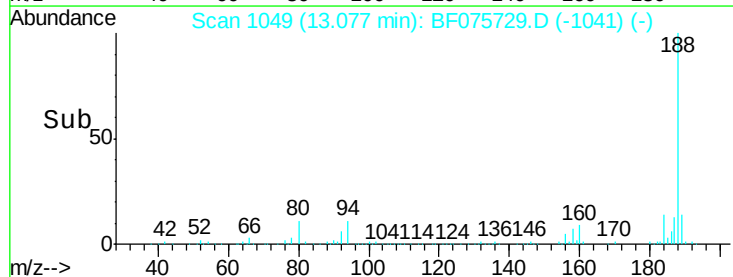
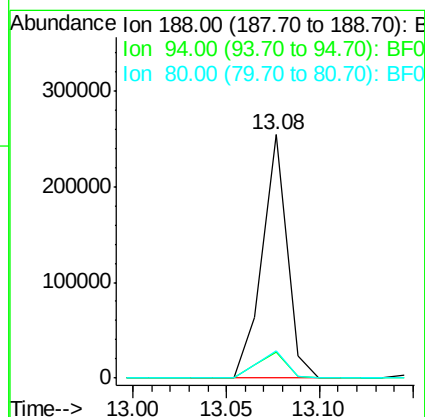
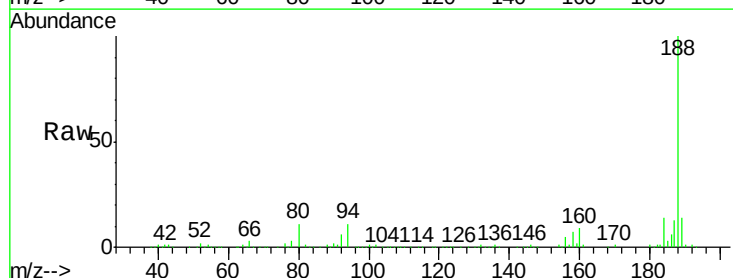
Instrument :
 BNA_F
 ClientSampleId :
 SP-10

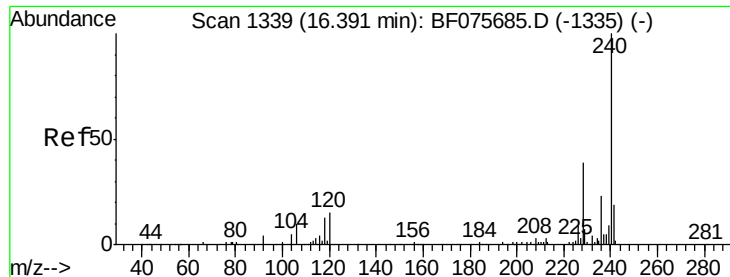
Tgt Ion:172 Resp: 678777
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.3 40.9
 170 23.0 18.4 27.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF075729.D
 Acq: 21 Nov 2014 2:15

Tgt Ion:188 Resp: 234097
 Ion Ratio Lower Upper
 188 100
 94 10.9 7.8 11.6
 80 11.1 8.0 12.0

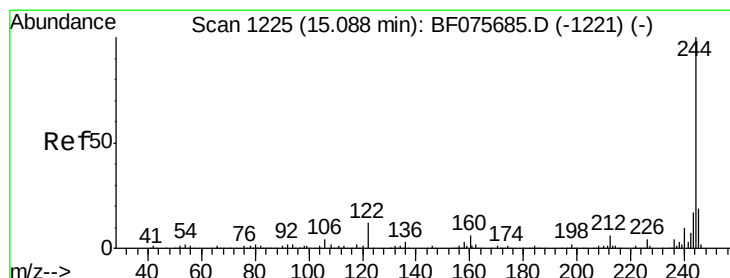
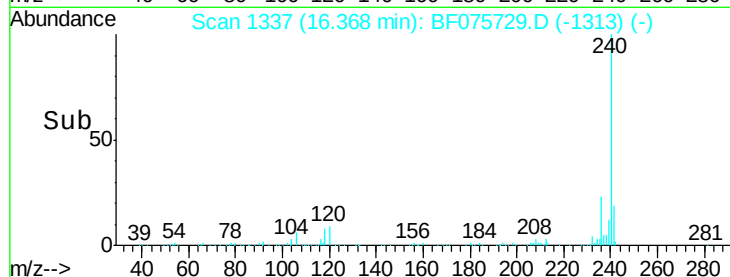
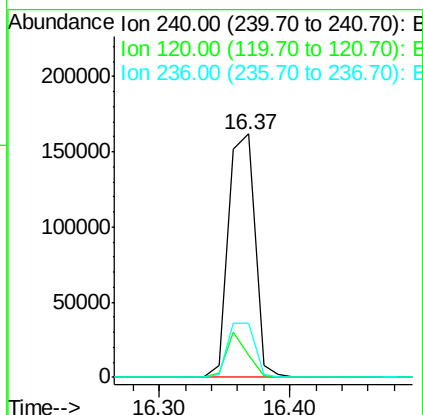
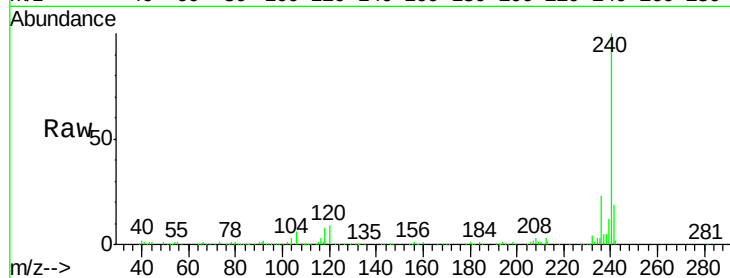




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

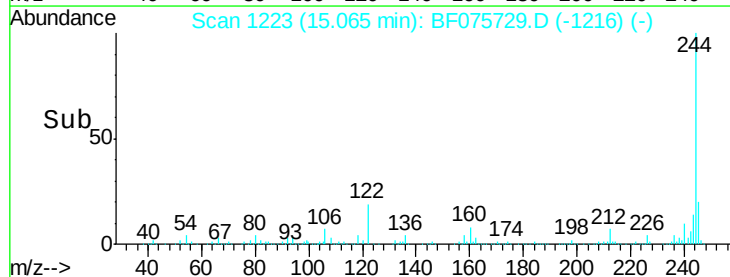
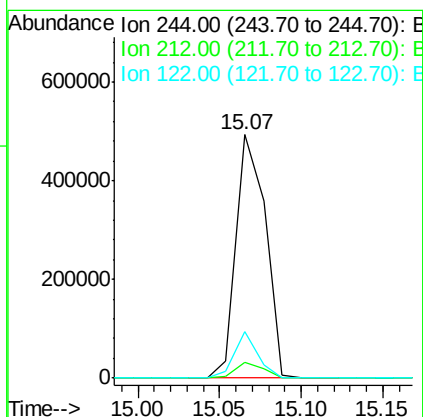
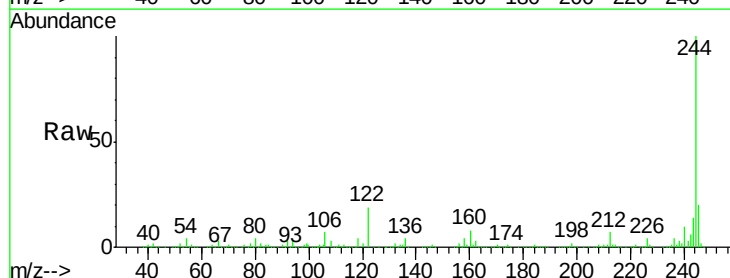
Instrument :
BNA_F
ClientSampleId :
SP-10

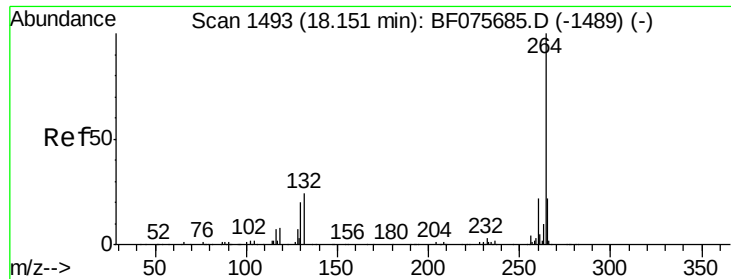
Tgt Ion:240 Resp: 228011
Ion Ratio Lower Upper
240 100
120 9.3 9.6 14.4#
236 22.5 18.9 28.3



#78
Terphenyl-d14
Concen: 67.19 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

Tgt Ion:244 Resp: 612533
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 18.9 9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.08 min Scan# 1487
Delta R.T. -0.08 min
Lab File: BF075729.D
Acq: 21 Nov 2014 2:15

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion: 264 Resp: 209719
Ion Ratio Lower Upper
264 100
260 22.0 17.9 26.9
265 20.5 16.3 24.5

