

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081725.D
 Acq On : 21 Sep 2015 21:31
 Operator : UM/IZ
 Sample : G3717-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Quant Time: Sep 22 01:05:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

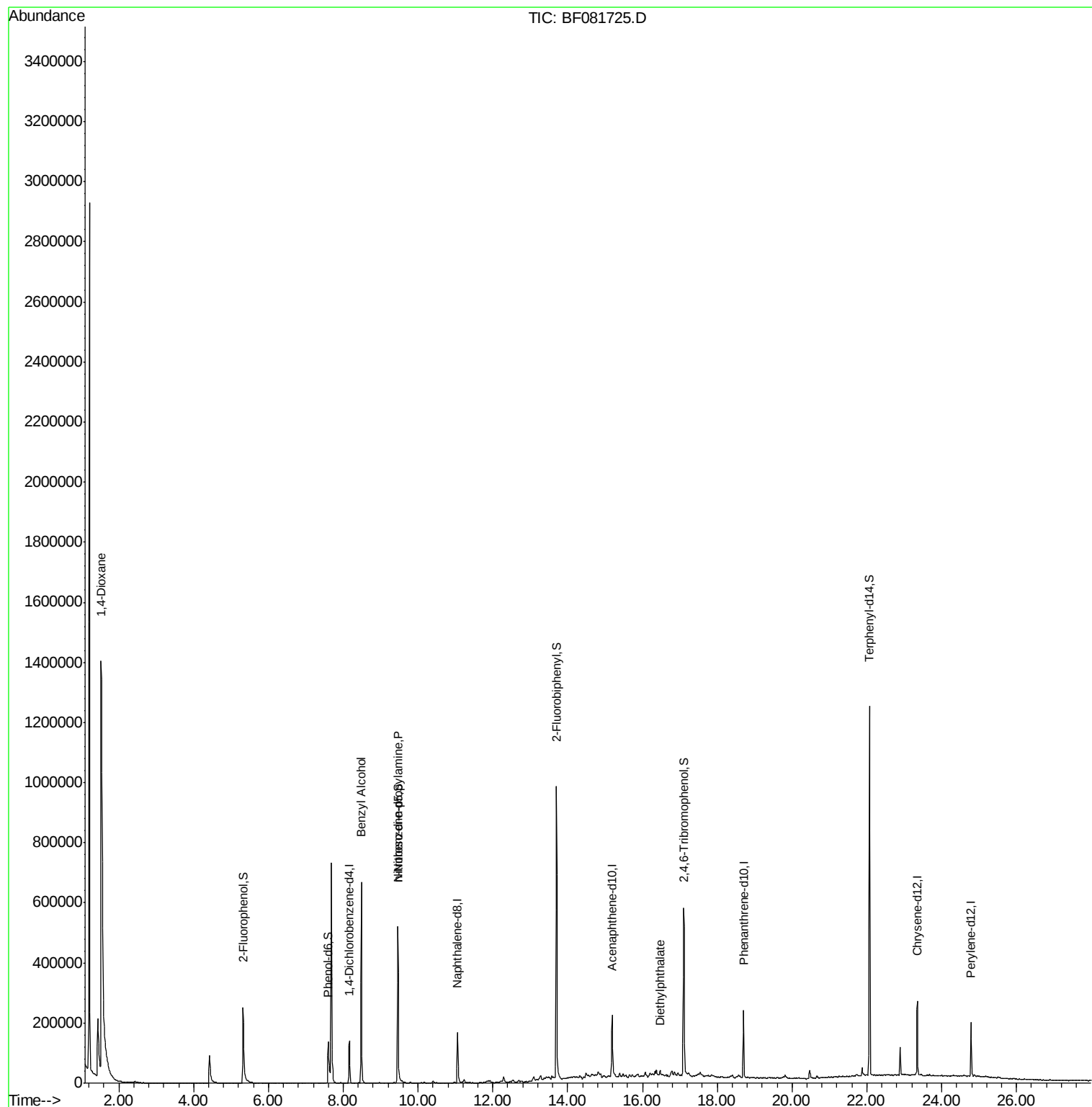
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39641	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	151285	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	75201	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	145944	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	125026	20.00	ng	-0.03
86) Perylene-d12	24.78	264	85478	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	148478	58.11	ng	-0.03
7) Phenol-d6	7.60	99	123914	36.64	ng	-0.04
23) Nitrobenzene-d5	9.46	82	343292	109.48	ng	-0.07
41) 2,4,6-Tribromophenol	17.11	330	111815	166.99	ng	-0.06
44) 2-Fluorobiphenyl	13.71	172	585620	99.79	ng	-0.07
78) Terphenyl-d14	22.07	244	574746	107.01	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	91905	80.09	ng	# 11
15) Benzyl Alcohol	8.48	79	6423	2.32	ng	# 35
19) n-Nitroso-di-n-propylamine	9.46	70	42876	18.63	ng	# 68
59) Diethylphthalate	16.47	149	12528	2.04	ng	# 83

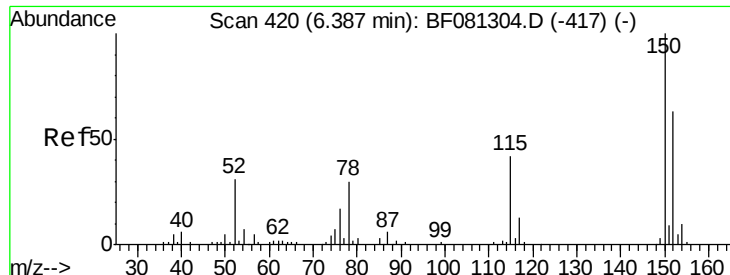
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

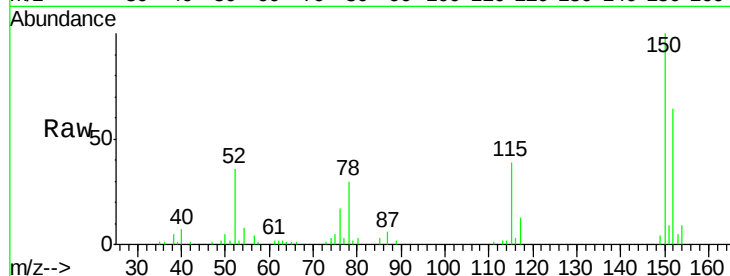
Tgt Ion:152 Resp: 39641

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

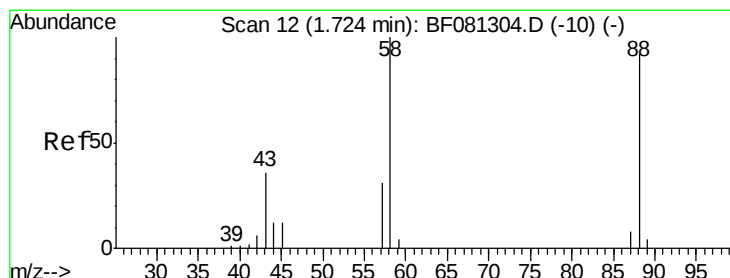
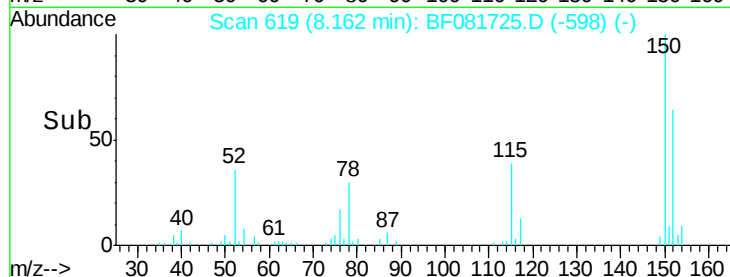
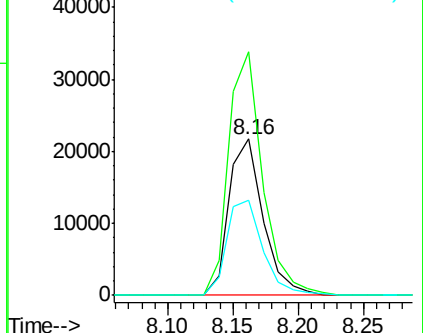
115 61.1 39.0 58.4#



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: 80.09 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

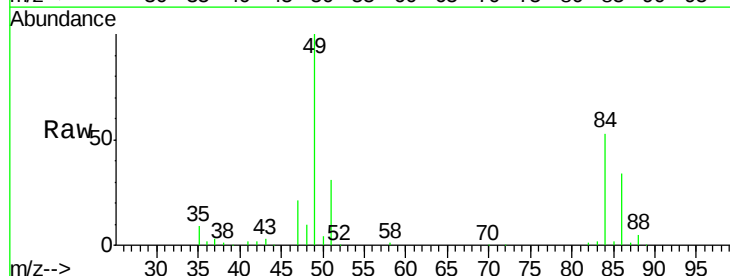
Tgt Ion: 88 Resp: 91905

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

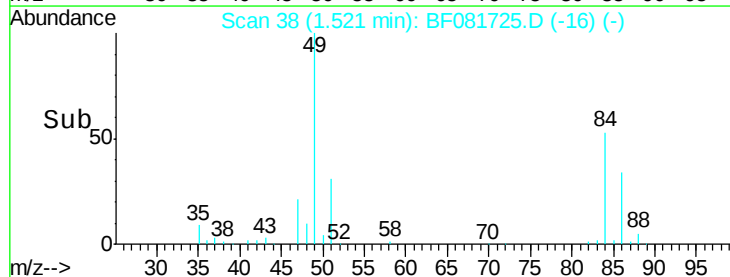
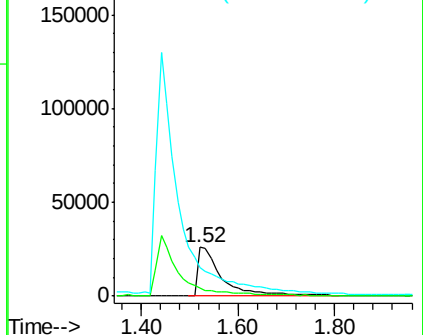
43 0.0 26.6 40.0#

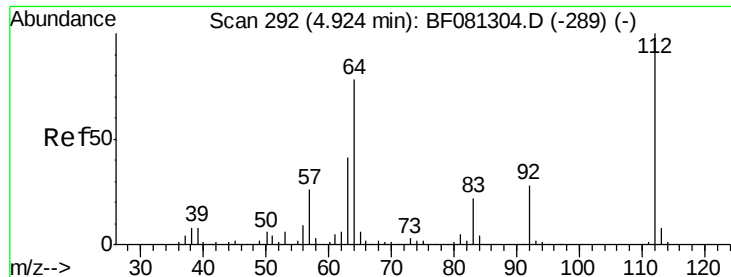


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

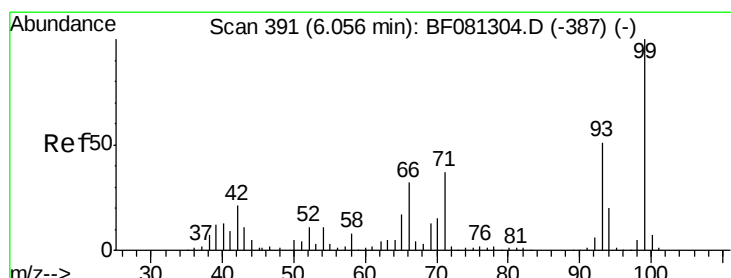
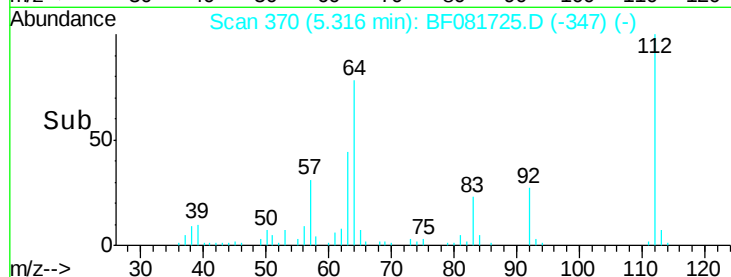
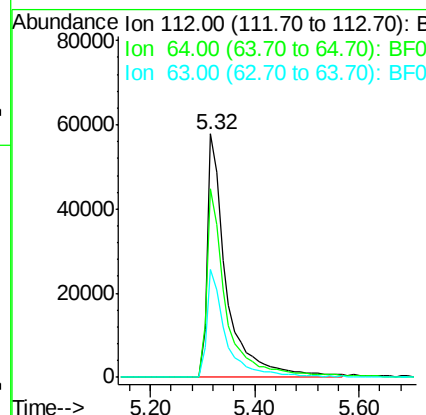
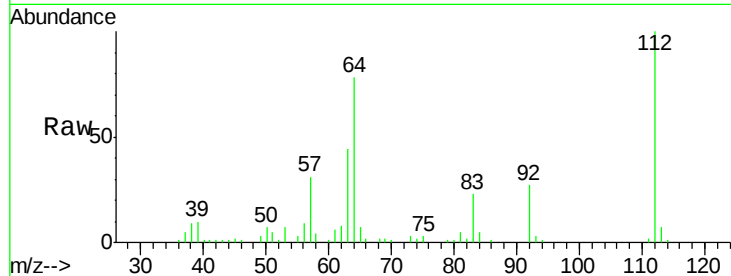




#5
 2-Fluorophenol
 Concen: 58.11 ng
 RT: 5.32 min Scan# 370
 Delta R.T. -0.03 min
 Lab File: BF081725.D
 Acq: 21 Sep 2015 21:31

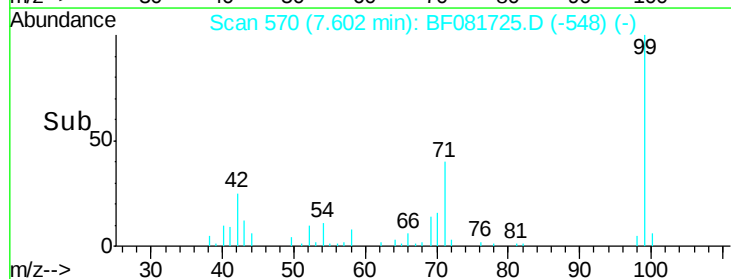
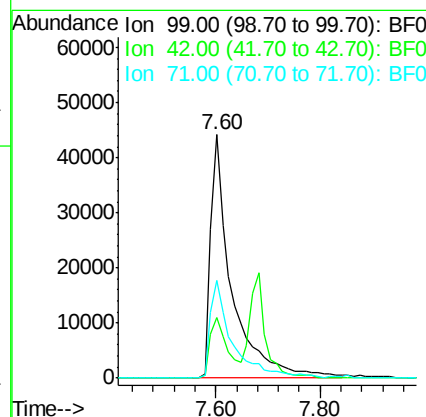
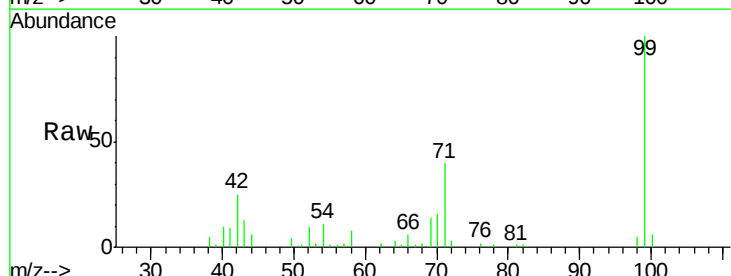
Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

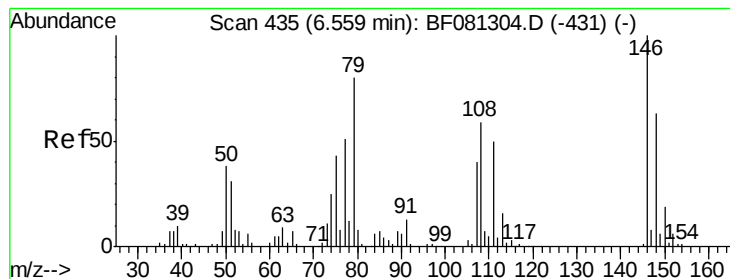
Tgt Ion: 112 Resp: 148478
 Ion Ratio Lower Upper
 112 100
 64 77.6 39.7 59.5#
 63 44.5 17.4 26.0#



#7
 Phenol-d6
 Concen: 36.64 ng
 RT: 7.60 min Scan# 570
 Delta R.T. -0.04 min
 Lab File: BF081725.D
 Acq: 21 Sep 2015 21:31

Tgt Ion: 99 Resp: 123914
 Ion Ratio Lower Upper
 99 100
 42 24.9 13.7 20.5#
 71 39.9 14.2 21.2#





#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.18 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

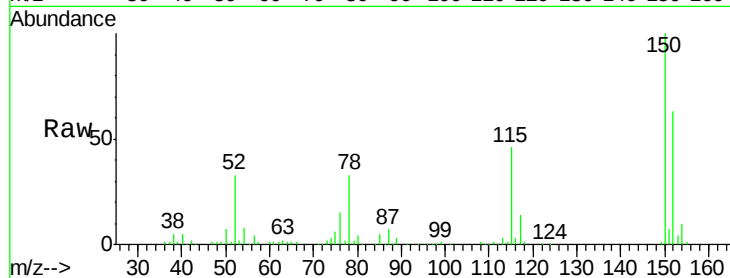
Tgt Ion: 79 Resp: 6423

Ion Ratio Lower Upper

79 100

108 31.1 88.6 132.8#

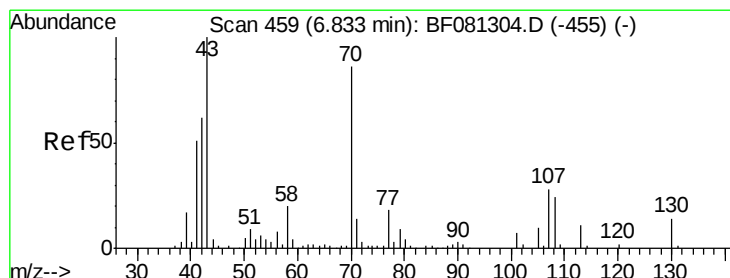
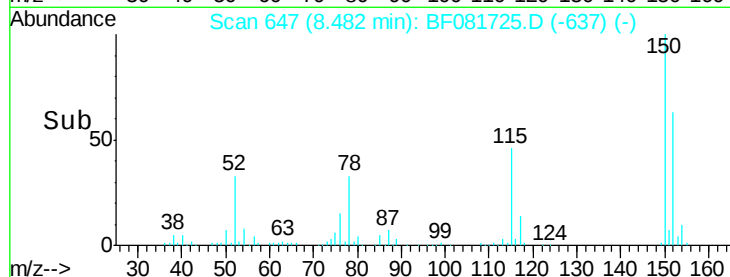
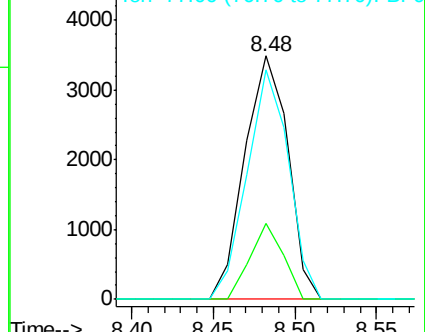
77 94.1 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.63 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.17 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

Tgt Ion: 70 Resp: 42876

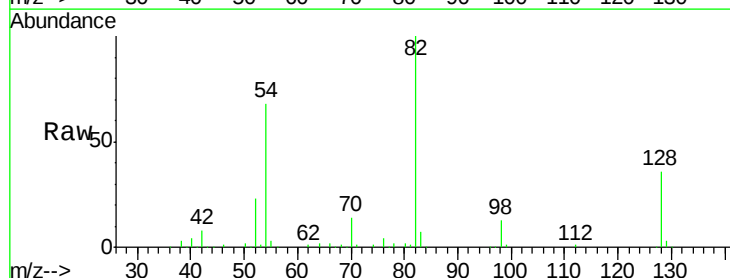
Ion Ratio Lower Upper

70 100

42 59.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

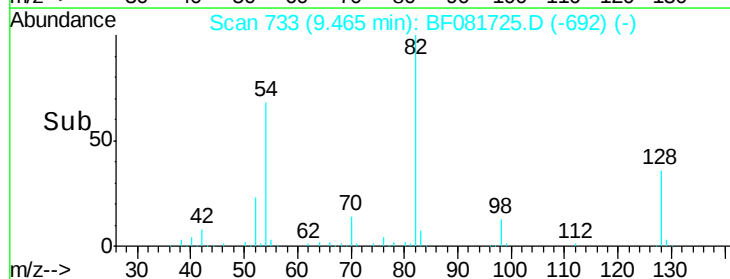
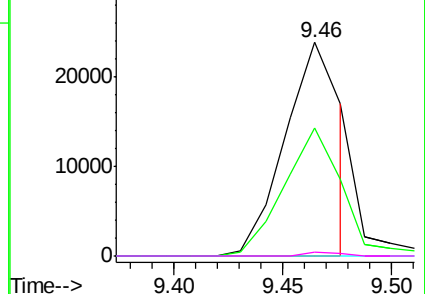


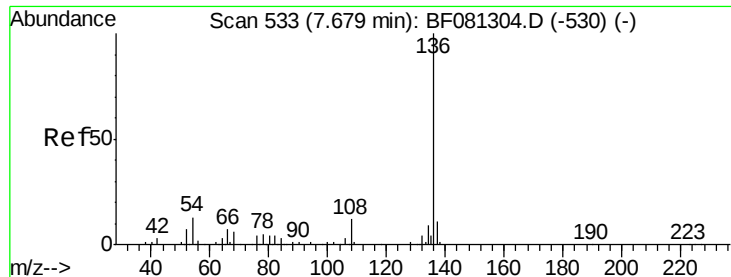
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

Tgt Ion: 136 Resp: 151285

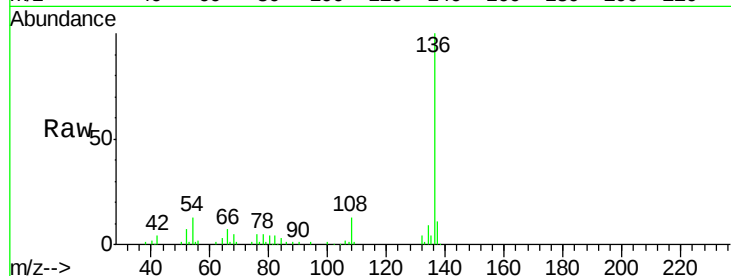
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.2 8.2 12.2#

68 4.7 5.8 8.6#

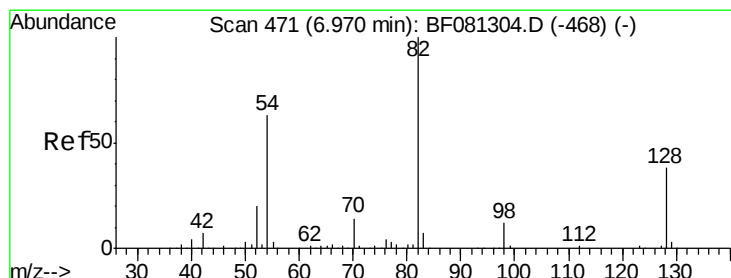
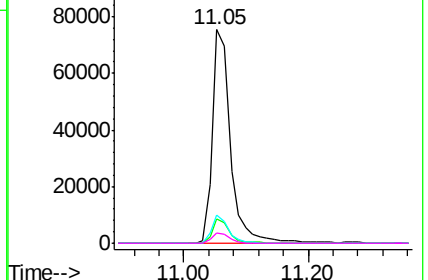
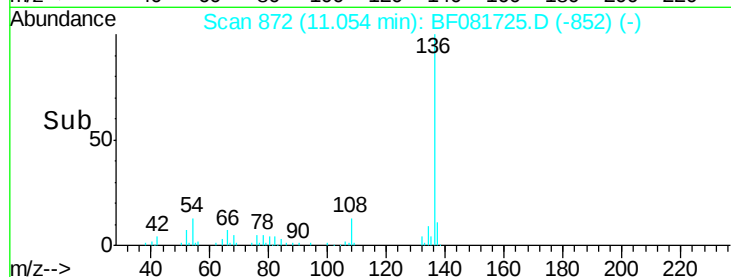


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.48 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

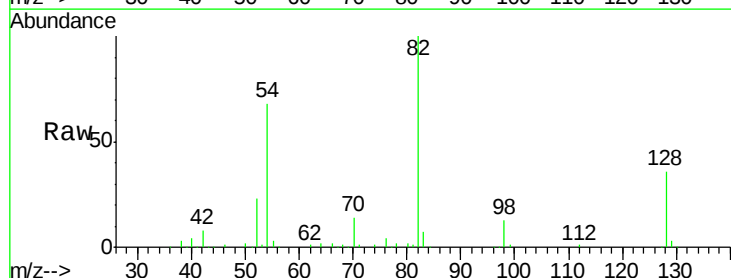
Tgt Ion: 82 Resp: 343292

Ion Ratio Lower Upper

82 100

128 35.6 51.0 76.6#

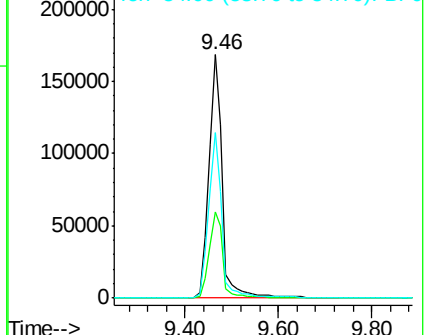
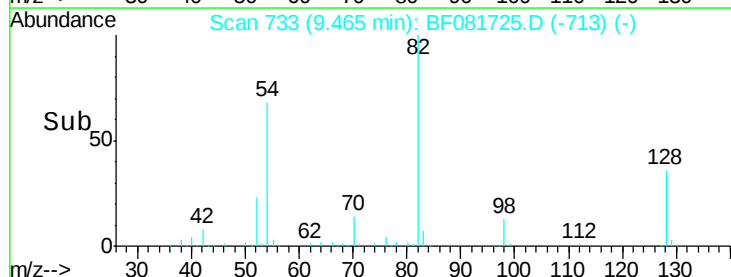
54 68.1 47.5 71.3

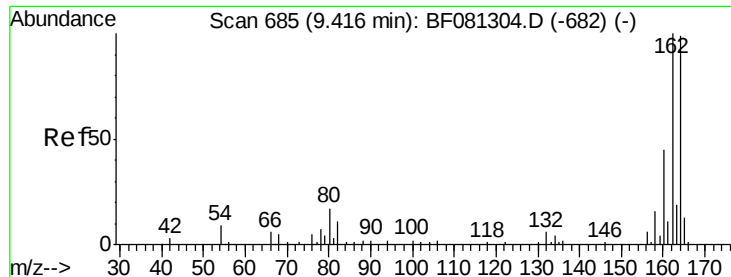


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

Instrument :

BNA_F

ClientSampled :

PZ-6-9-17-15

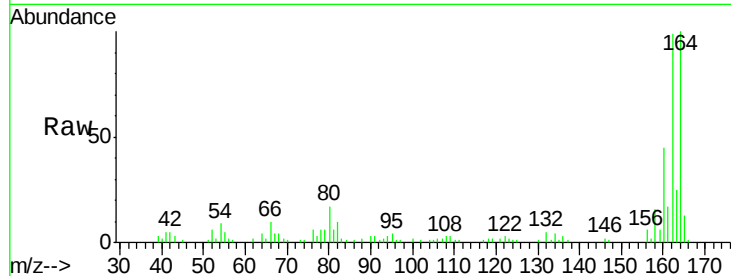
Tgt Ion:164 Resp: 75201

Ion Ratio Lower Upper

164 100

162 98.9 75.2 112.8

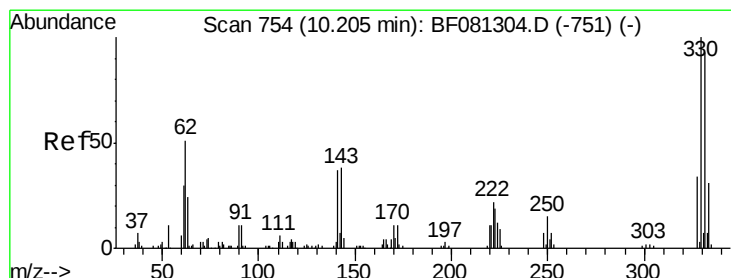
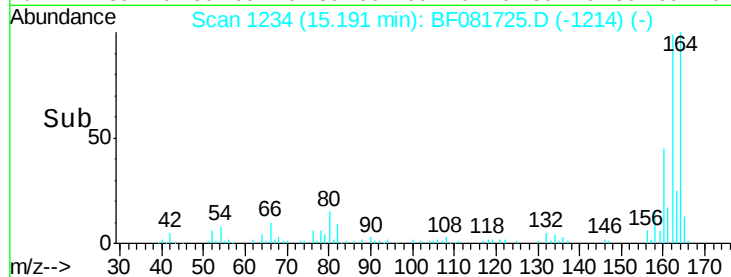
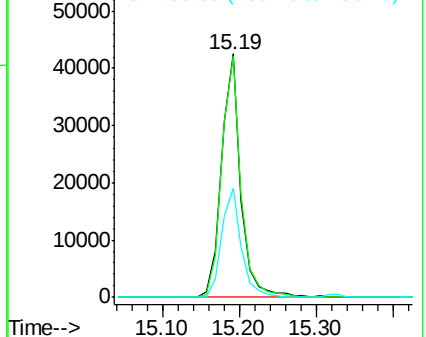
160 44.7 31.5 47.3



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: 166.99 ng

RT: 17.11 min Scan# 1402

Delta R.T. -0.06 min

Lab File: BF081725.D

Acq: 21 Sep 2015 21:31

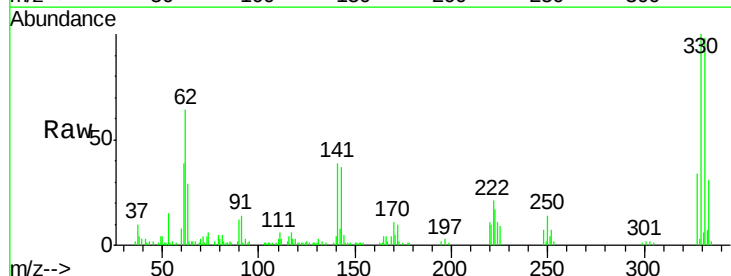
Tgt Ion:330 Resp: 111815

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

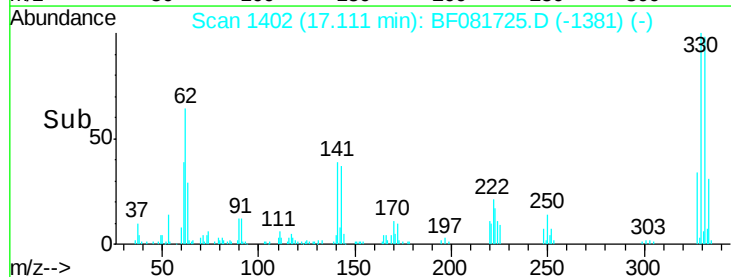
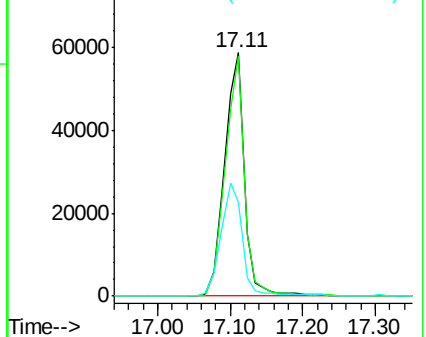
141 50.4 29.7 44.5#

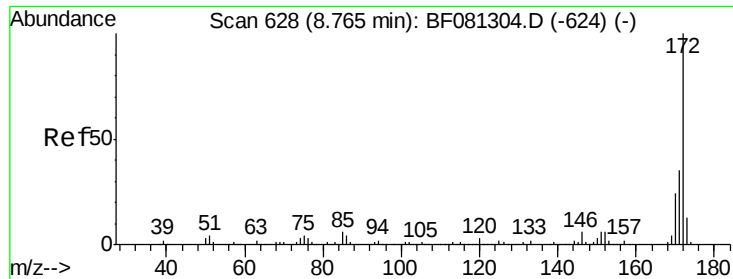


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

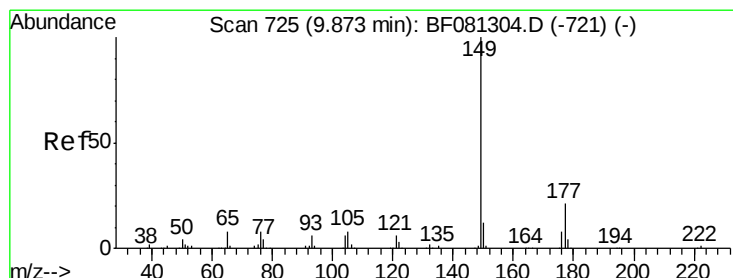
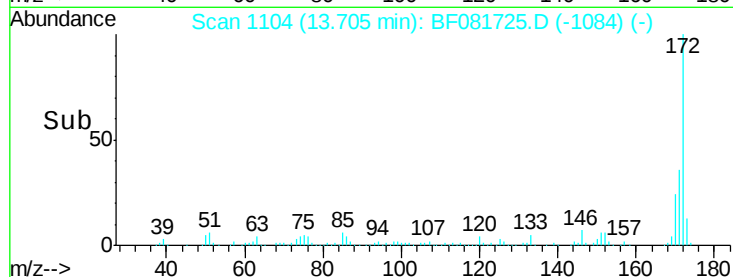
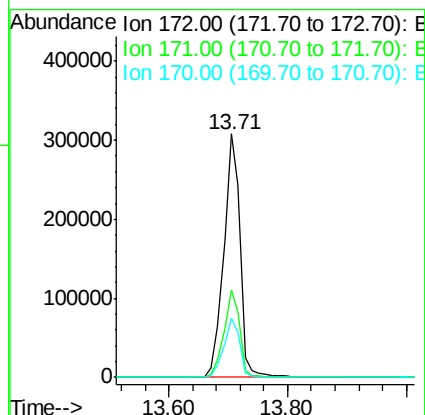
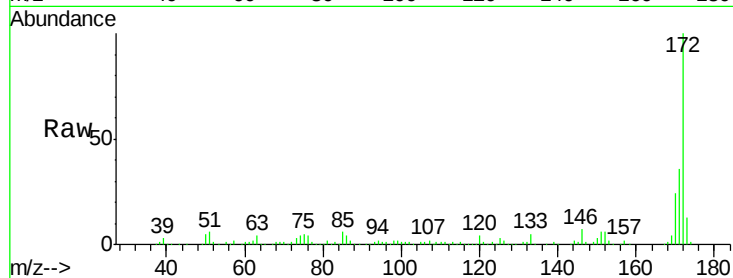




#44
 2-Fluorobiphenyl
 Concen: 99.79 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081725.D
 Acq: 21 Sep 2015 21:31

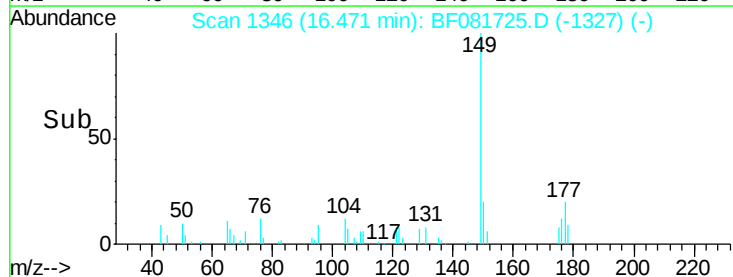
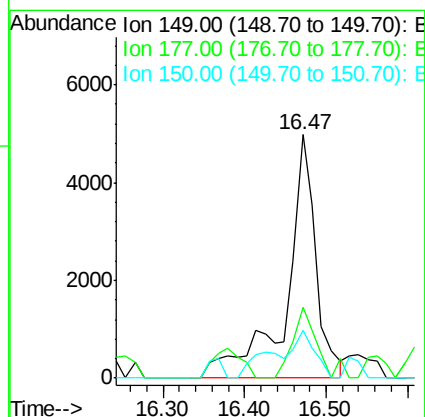
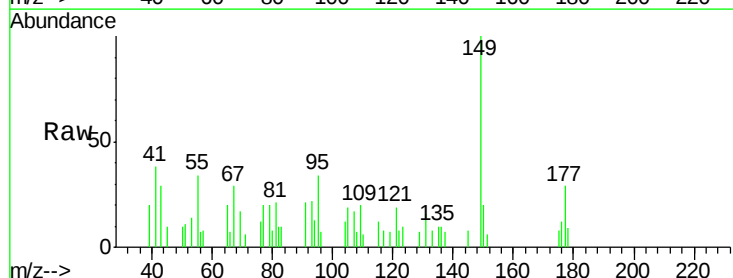
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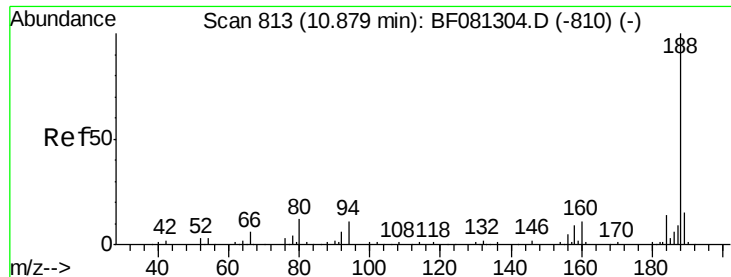
Tgt Ion:172 Resp: 585620
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.4 17.4 26.2



#59
 Diethylphthalate
 Concen: 2.04 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.08 min
 Lab File: BF081725.D
 Acq: 21 Sep 2015 21:31

Tgt Ion:149 Resp: 12528
 Ion Ratio Lower Upper
 149 100
 177 29.1 17.5 26.3#
 150 19.6 9.4 14.2#

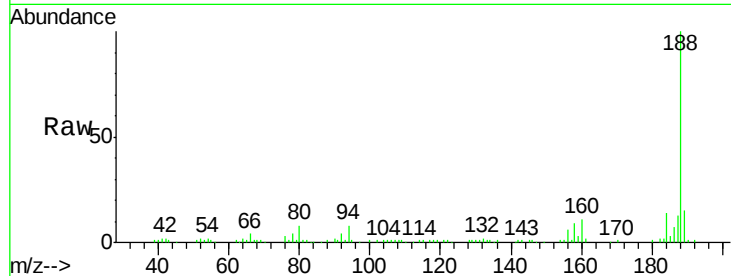




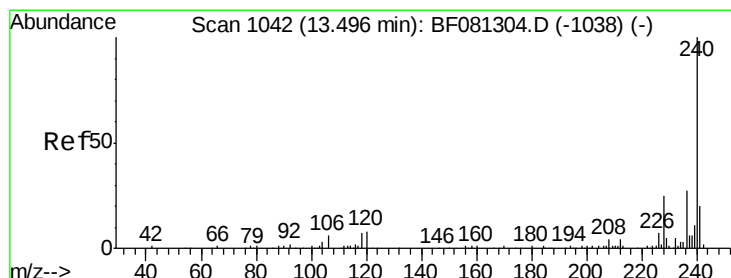
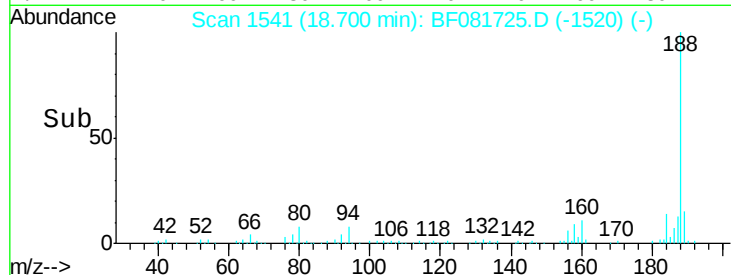
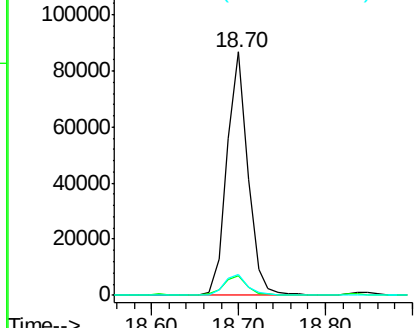
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081725.D
Acq: 21 Sep 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PZ-6-9-17-15

Tgt Ion:188 Resp: 145944
Ion Ratio Lower Upper
188 100
94 7.9 11.1 16.7#
80 8.4 11.0 16.4#

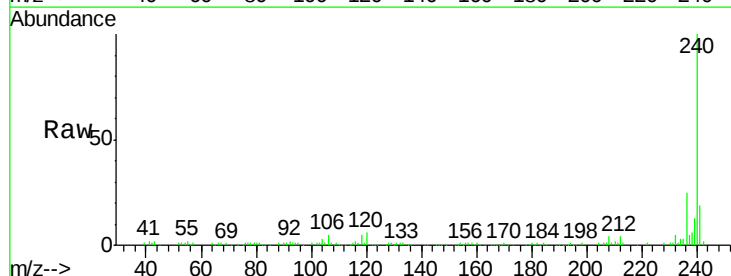


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

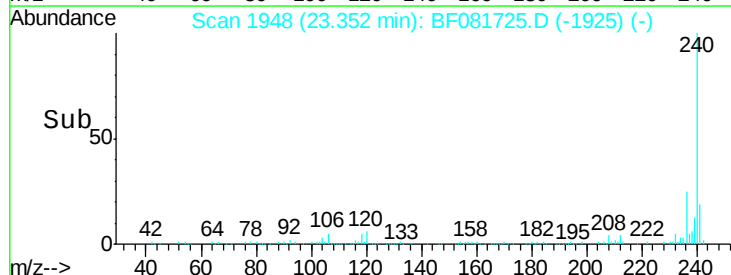
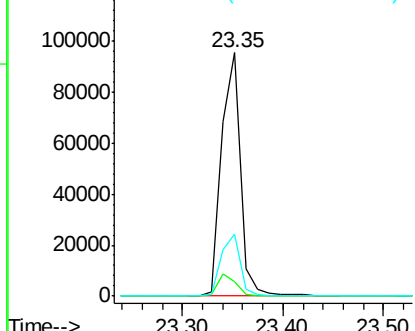


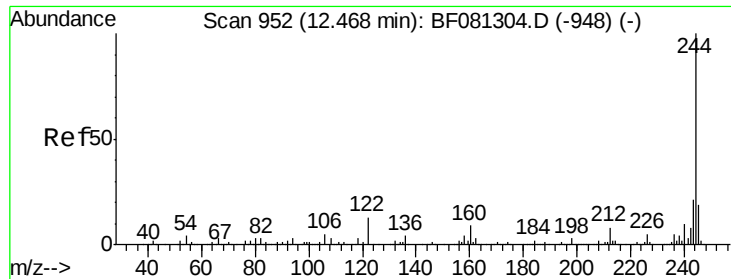
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081725.D
Acq: 21 Sep 2015 21:31

Tgt Ion:240 Resp: 125026
Ion Ratio Lower Upper
240 100
120 5.9 16.2 24.2#
236 25.3 18.4 27.6



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

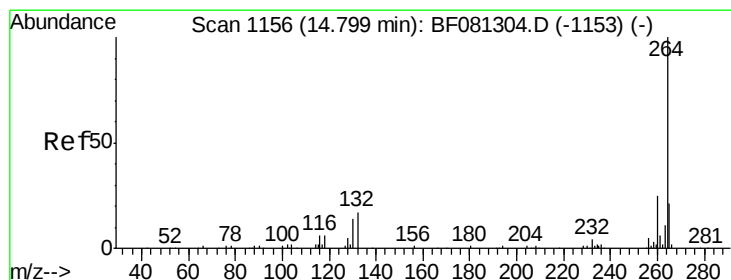
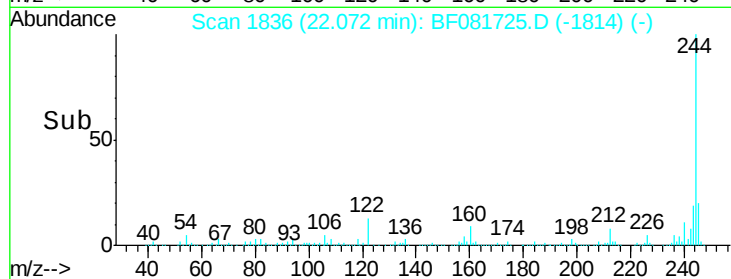
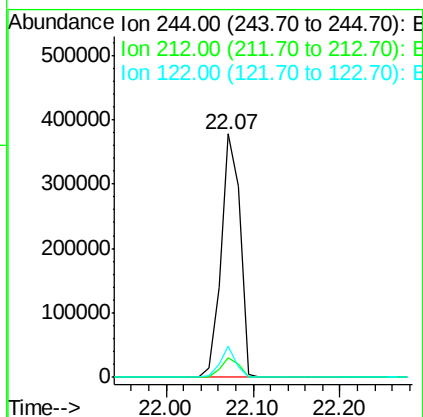
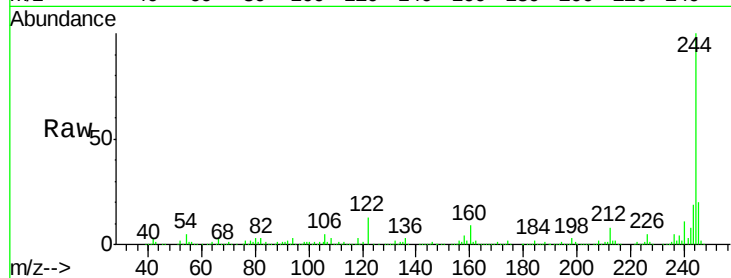




#78
 Terphenyl-d14
 Concen: 107.01 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081725.D
 Acq: 21 Sep 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Tgt Ion:244 Resp: 574746
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: BF081725.D
 Acq: 21 Sep 2015 21:31

Tgt Ion:264 Resp: 85478
 Ion Ratio Lower Upper
 264 100
 260 25.7 16.7 25.1#
 265 21.0 17.2 25.8

