

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081696.D
 Acq On : 18 Sep 2015 14:20
 Operator : UM/IZ
 Sample : G3704-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-9-15-15

Quant Time: Sep 18 22:58:01 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

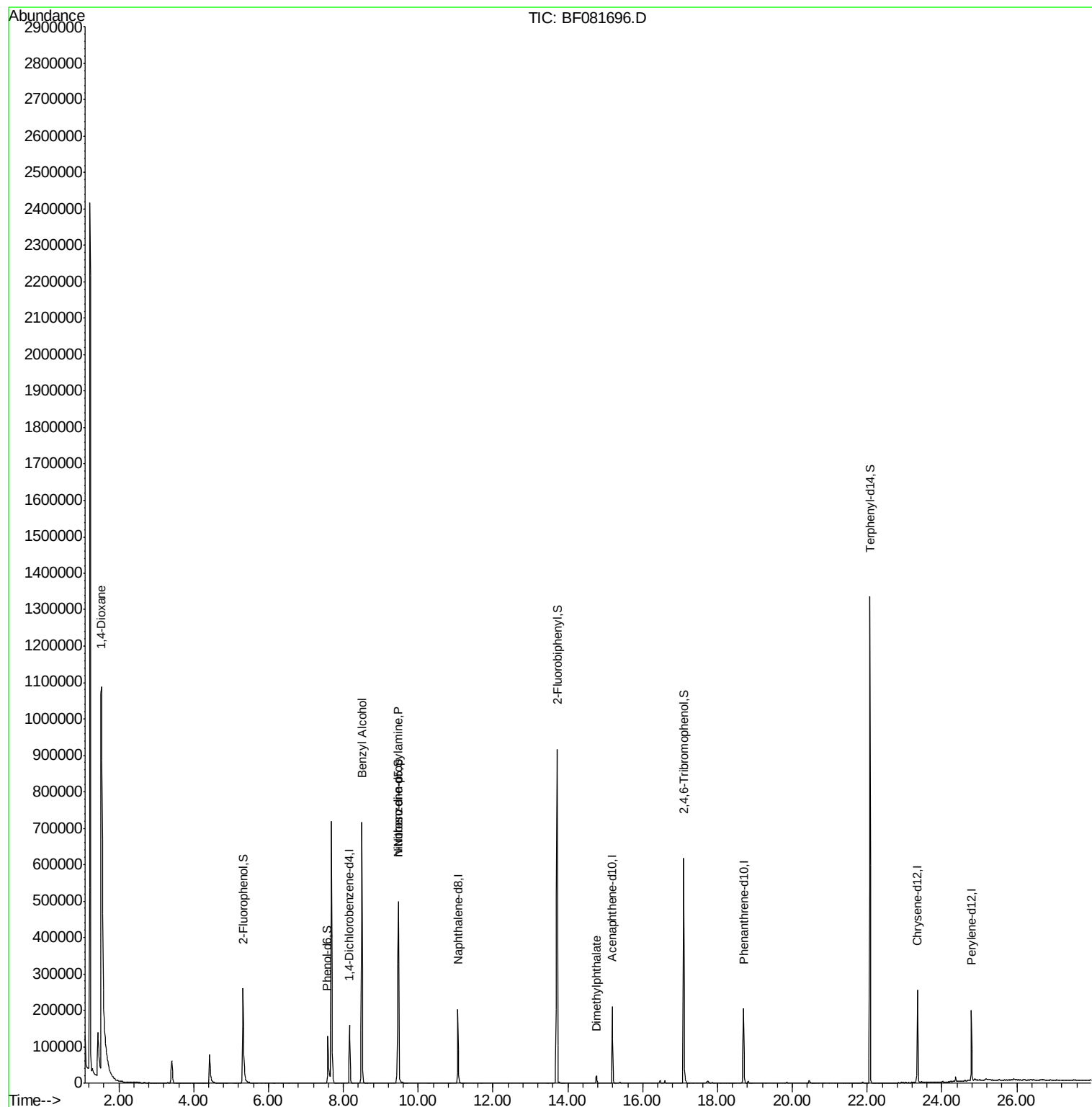
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40764	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	161295	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	80535	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	162002	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	128115	20.00	ng	-0.04
86) Perylene-d12	24.78	264	85384	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	135954	51.75	ng	-0.03
7) Phenol-d6	7.58	99	109787	31.57	ng	-0.07
23) Nitrobenzene-d5	9.46	82	348970	104.38	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	111224	155.11	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	617485	98.26	ng	-0.06
78) Terphenyl-d14	22.07	244	572390	104.00	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	78689	66.69	ng	# 11
15) Benzyl Alcohol	8.49	79	5793	2.03	ng	# 31
19) n-Nitroso-di-n-propylamine	9.46	70	44609	18.85	ng	# 68
49) Dimethylphthalate	14.77	163	19114	3.05	ng	# 97

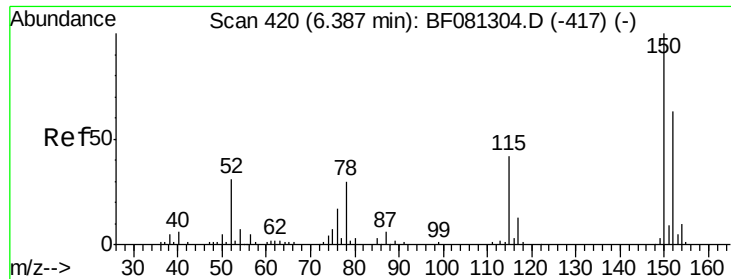
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081696.D

Acq: 18 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

MW-1-9-15-15

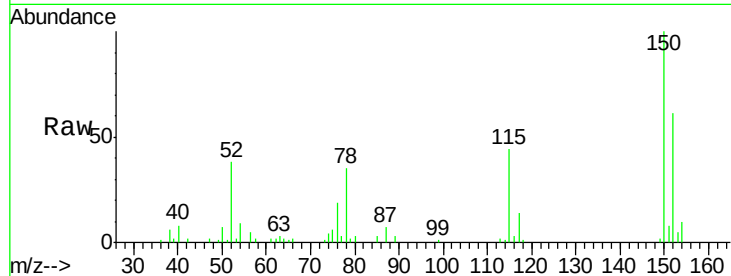
Tgt Ion:152 Resp: 40764

Ion Ratio Lower Upper

152 100

150 164.7 124.7 187.1

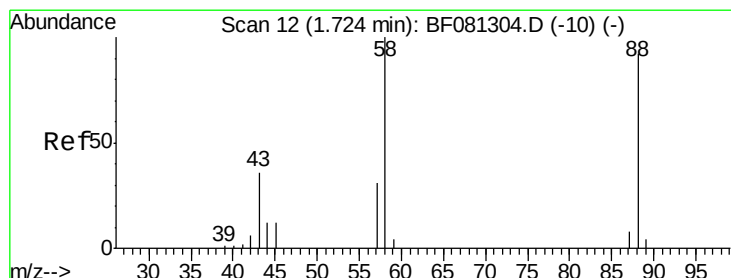
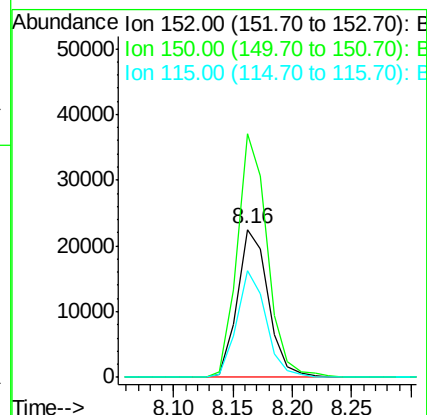
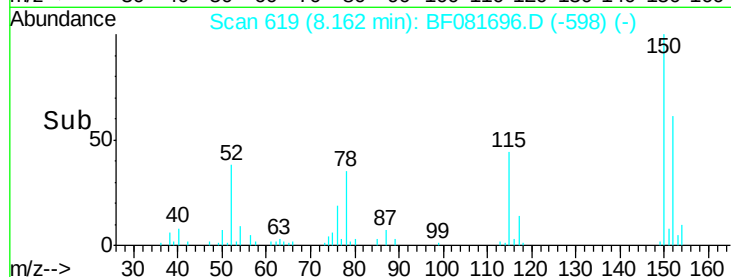
115 71.9 39.0 58.4#



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: 66.69 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081696.D

Acq: 18 Sep 2015 14:20

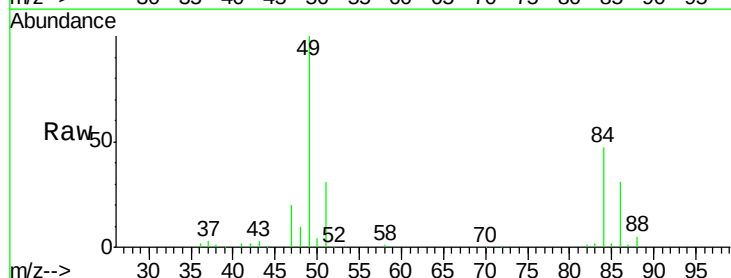
Tgt Ion: 88 Resp: 78689

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

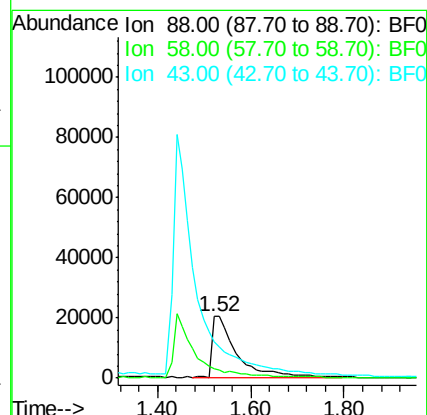
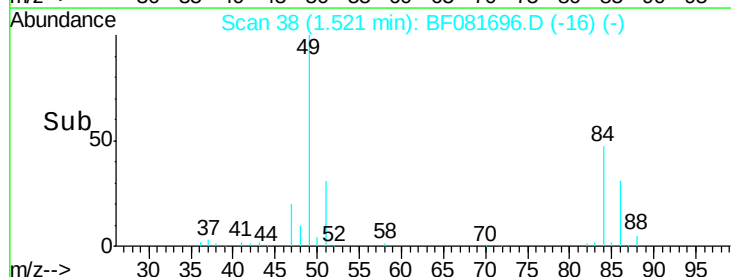
43 0.0 26.6 40.0#

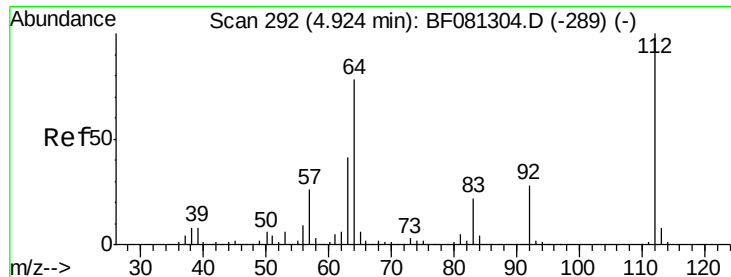


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

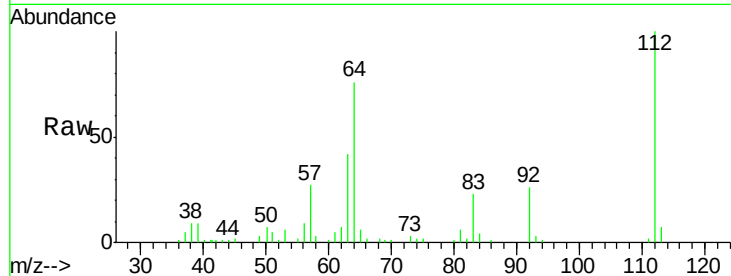




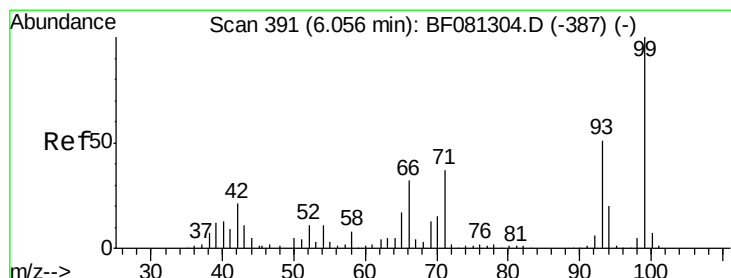
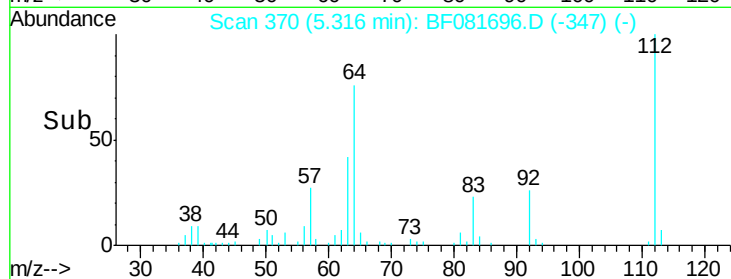
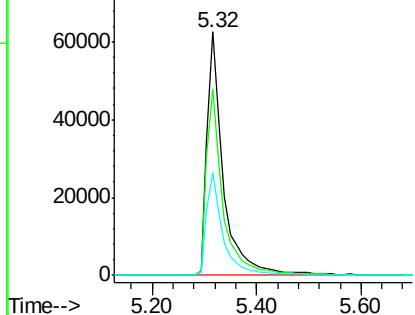
#5
 2-Fluorophenol
 Concen: 51.75 ng
 RT: 5.32 min Scan# 370
 Delta R.T. -0.03 min
 Lab File: BF081696.D
 Acq: 18 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-9-15-15

Tgt Ion: 112 Resp: 135954
 Ion Ratio Lower Upper
 112 100
 64 76.5 39.7 59.5#
 63 42.0 17.4 26.0#

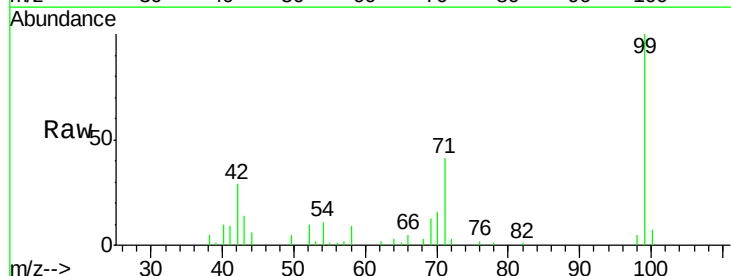


Abundance Ion 112.00 (111.70 to 112.70): B
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

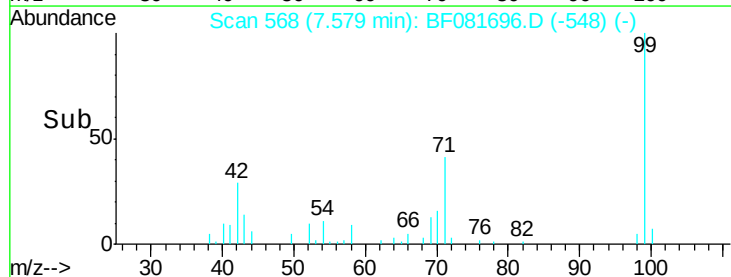
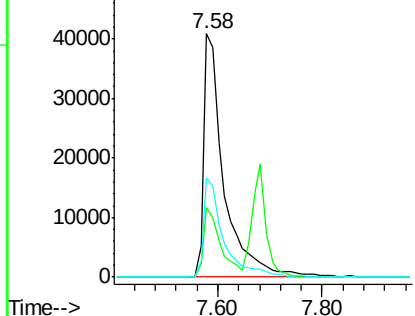


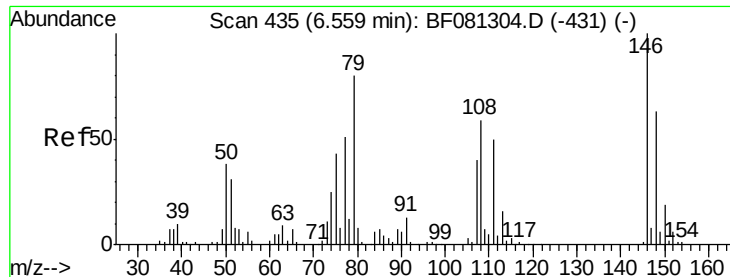
#7
 Phenol-d6
 Concen: 31.57 ng
 RT: 7.58 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: BF081696.D
 Acq: 18 Sep 2015 14:20

Tgt Ion: 99 Resp: 109787
 Ion Ratio Lower Upper
 99 100
 42 28.6 13.7 20.5#
 71 40.9 14.2 21.2#



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





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.17 min

Lab File: BF081696.D

Acq: 18 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

MW-1-9-15-15

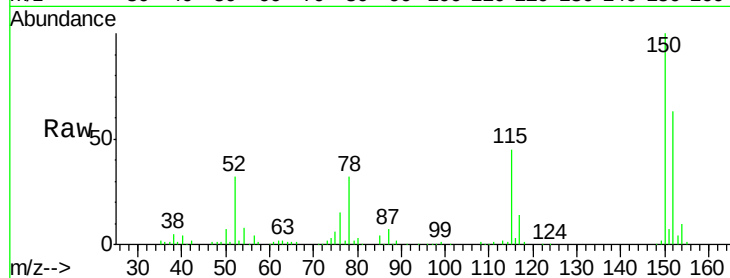
Tgt Ion: 79 Resp: 5793

Ion Ratio Lower Upper

79 100

108 30.3 88.6 132.8#

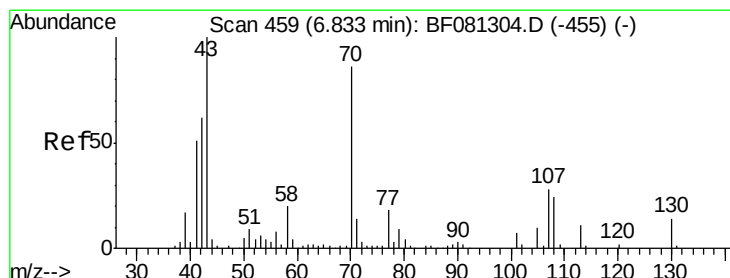
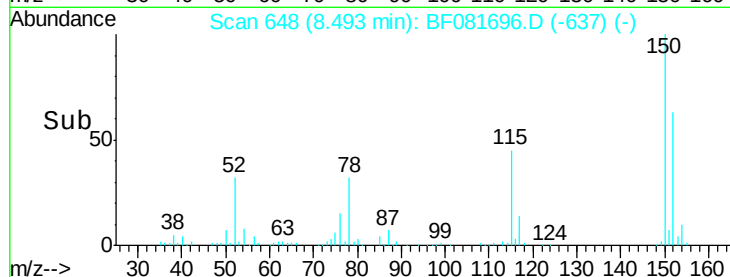
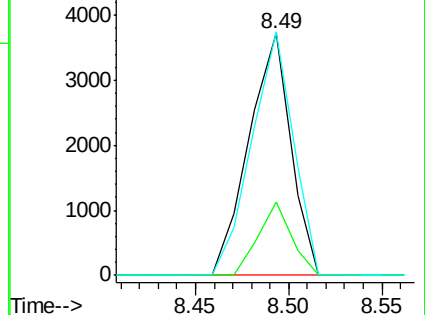
77 100.5 47.0 70.4#



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: 18.85 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.17 min

Lab File: BF081696.D

Acq: 18 Sep 2015 14:20

Tgt Ion: 70 Resp: 44609

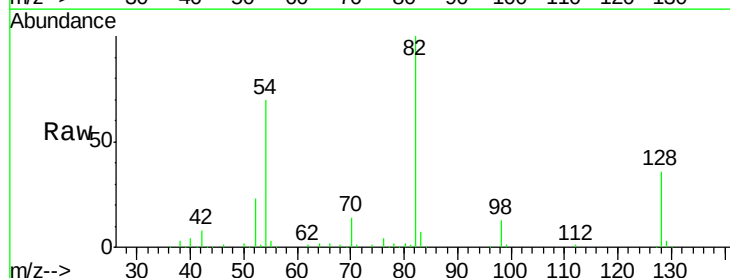
Ion Ratio Lower Upper

70 100

42 59.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

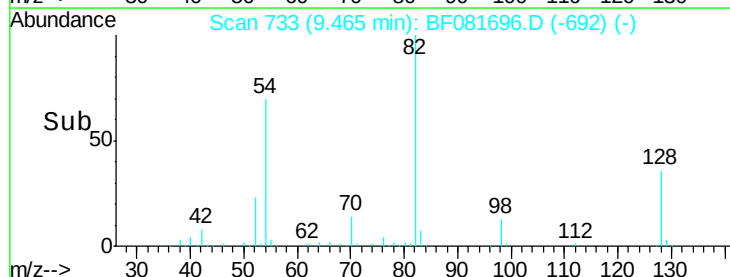
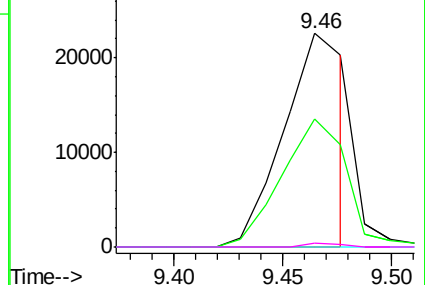


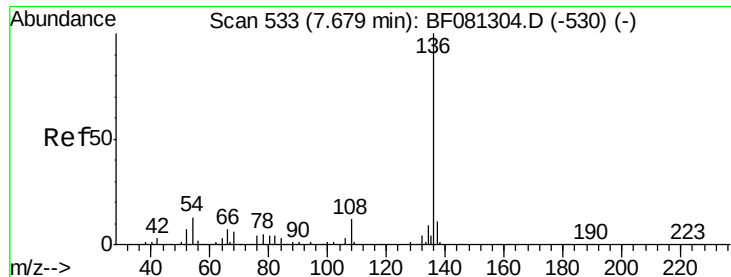
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081696.D

Acq: 18 Sep 2015 14:20

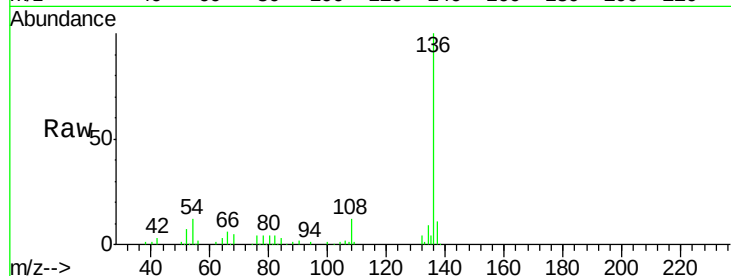
Instrument :

BNA_F

ClientSampleId :

MW-1-9-15-15

Tgt Ion:	136	Resp:	161295
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	11.6	8.2	12.2
68	4.6	5.8	8.6#

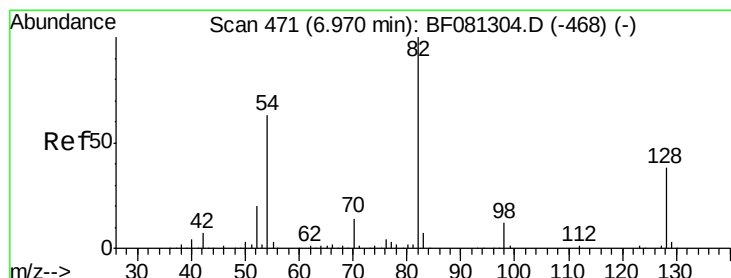
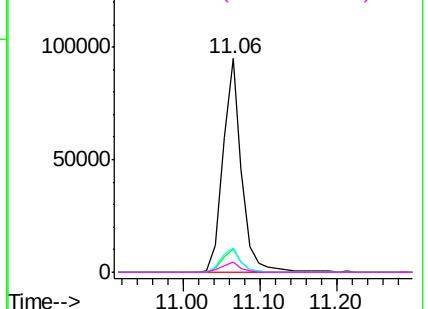
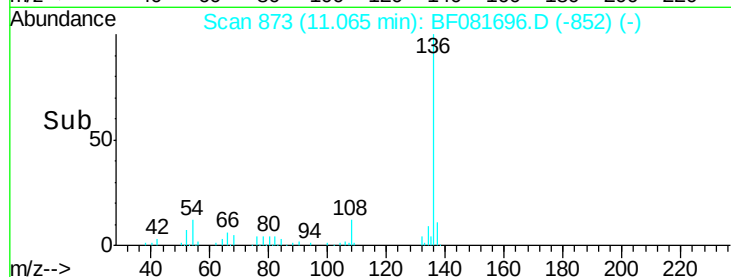


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.38 ng

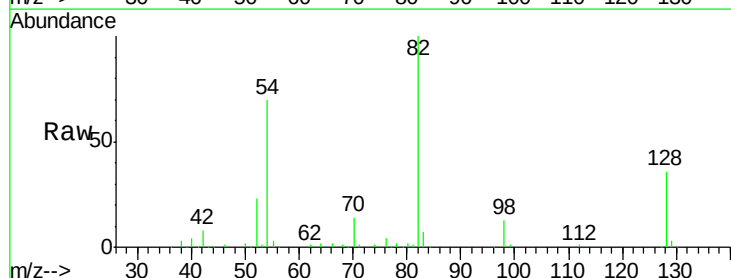
RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081696.D

Acq: 18 Sep 2015 14:20

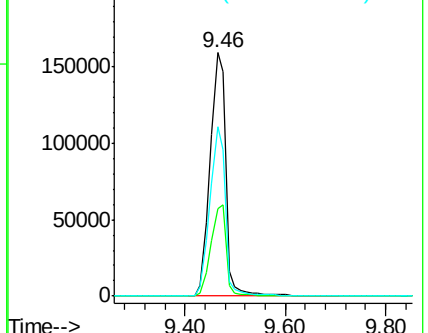
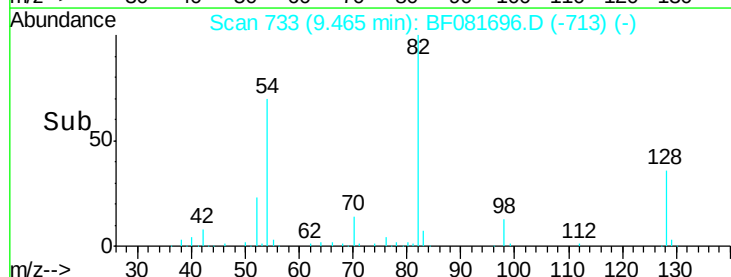
Tgt Ion:	82	Resp:	348970
Ion	Ratio	Lower	Upper
82	100		
128	36.0	51.0	76.6#
54	69.7	47.5	71.3

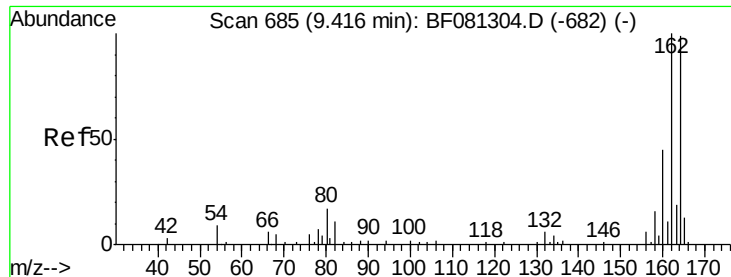


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF081696.D

Acq: 18 Sep 2015 14:20

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ClientSampleId :

MW-1-9-15-15

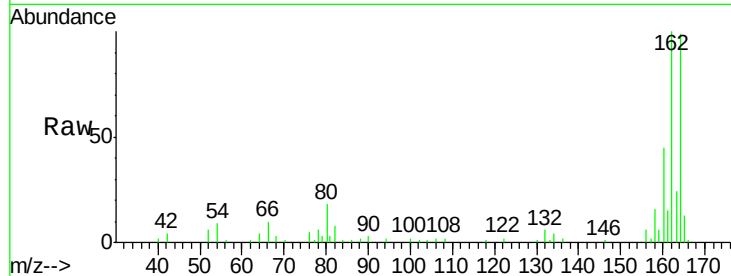
Tgt Ion:164 Resp: 80535

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

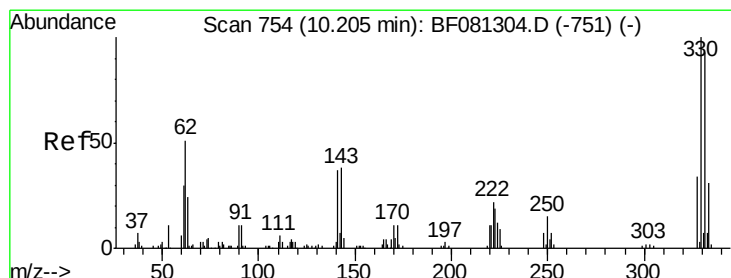
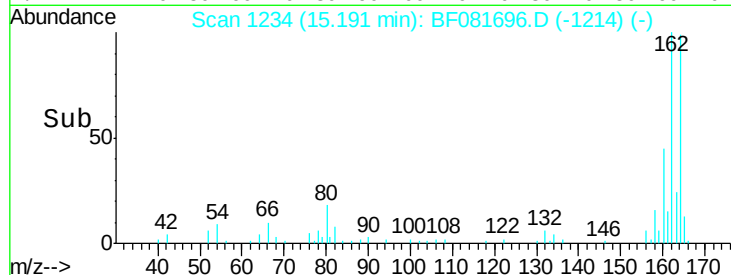
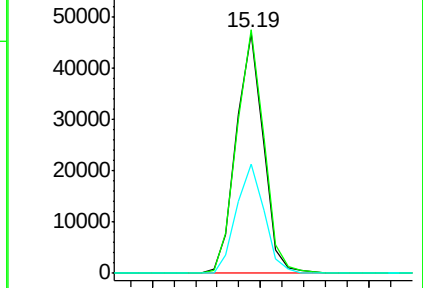
160 45.5 31.5 47.3



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: 155.11 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081696.D

Acq: 18 Sep 2015 14:20

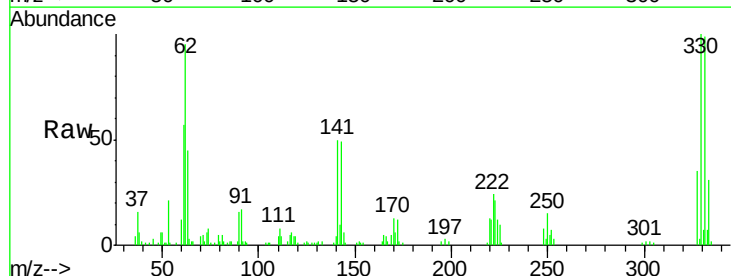
Tgt Ion:330 Resp: 111224

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

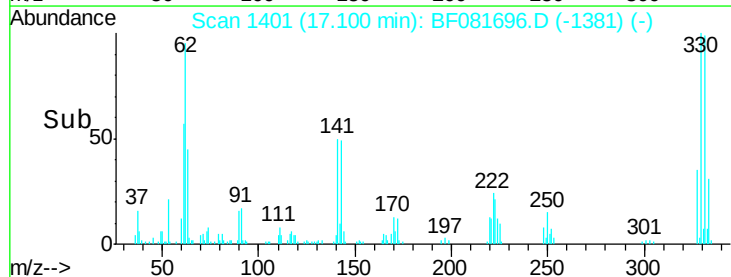
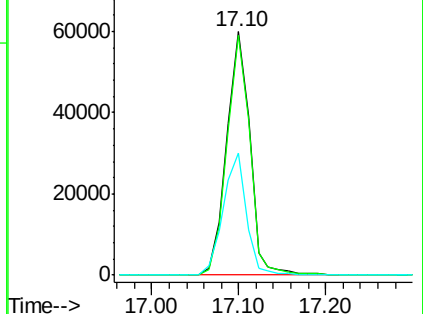
141 50.1 29.7 44.5#

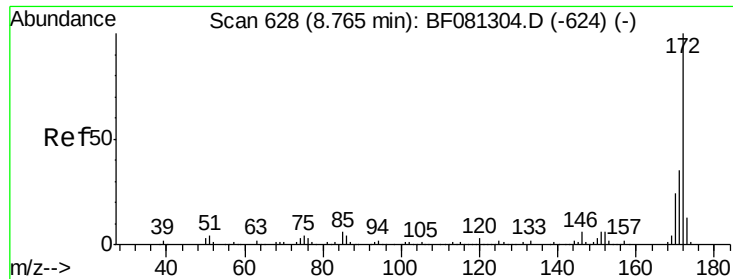


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

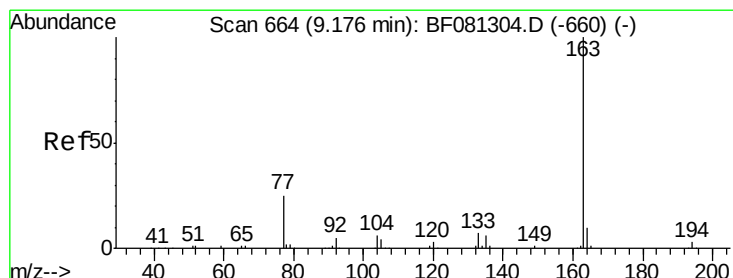
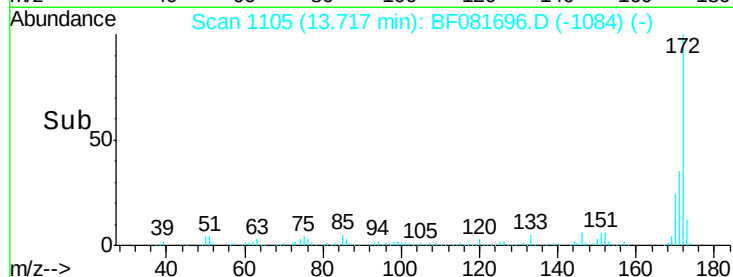
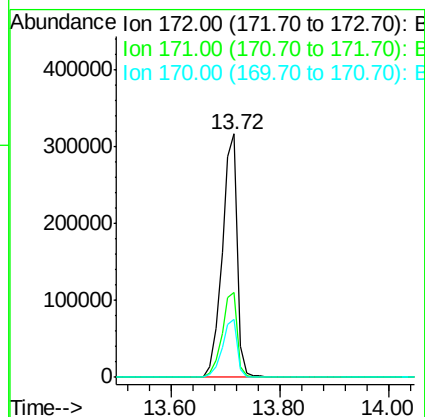
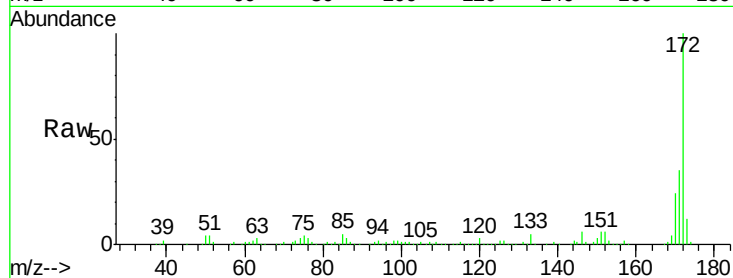




#44
 2-Fluorobiphenyl
 Concen: 98.26 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081696.D
 Acq: 18 Sep 2015 14:20

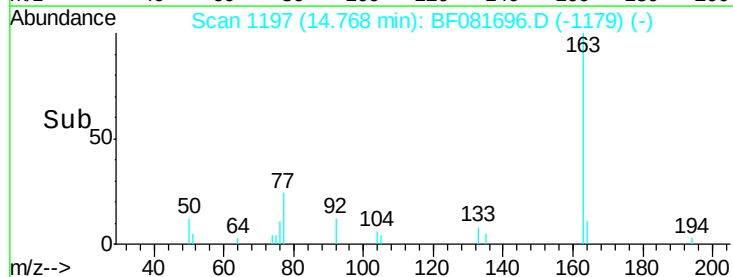
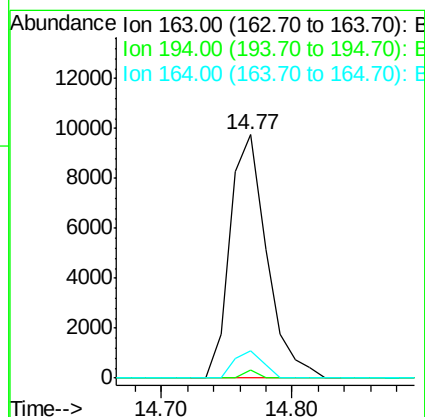
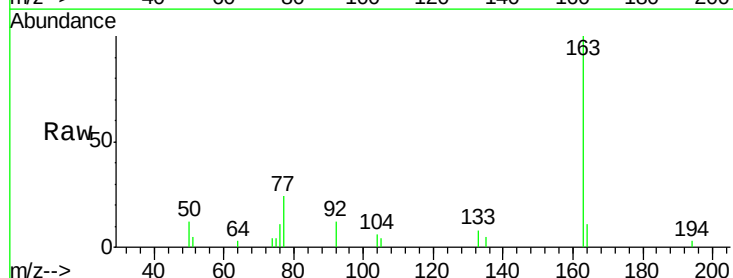
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-9-15-15

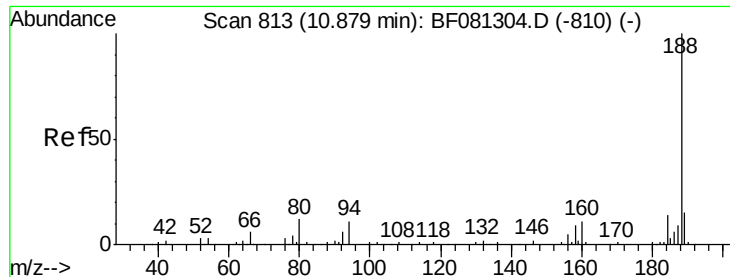
Tgt Ion:172 Resp: 617485
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.7 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.05 ng
 RT: 14.77 min Scan# 1197
 Delta R.T. -0.09 min
 Lab File: BF081696.D
 Acq: 18 Sep 2015 14:20

Tgt Ion:163 Resp: 19114
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 11.0 8.3 12.5

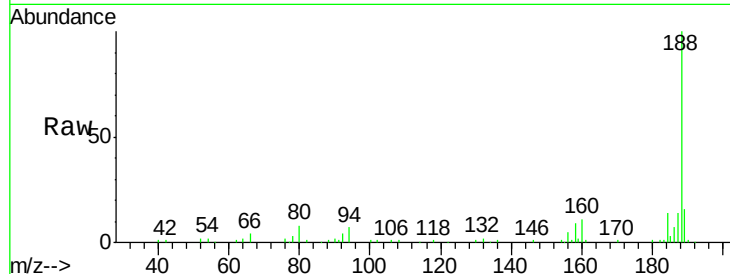




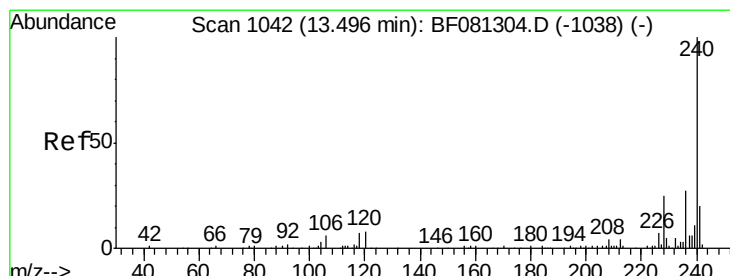
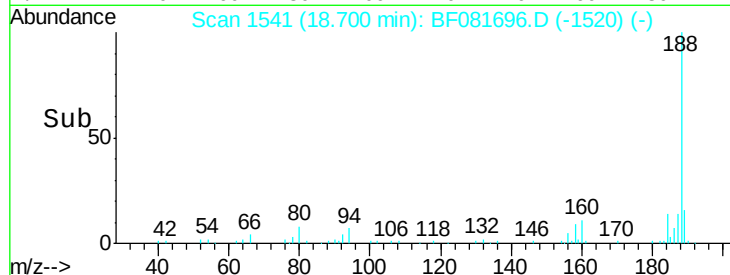
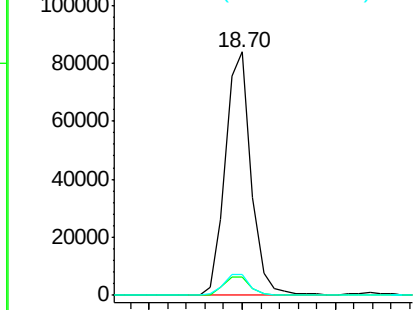
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081696.D
Acq: 18 Sep 2015 14:20

Instrument :
BNA_F
ClientSampleId :
MW-1-9-15-15

Tgt Ion:188 Resp: 162002
Ion Ratio Lower Upper
188 100
94 7.3 11.1 16.7#
80 8.4 11.0 16.4#

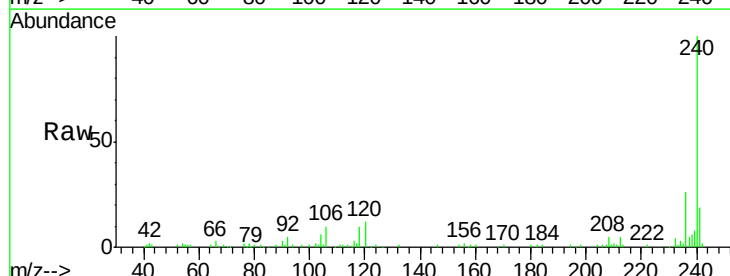


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

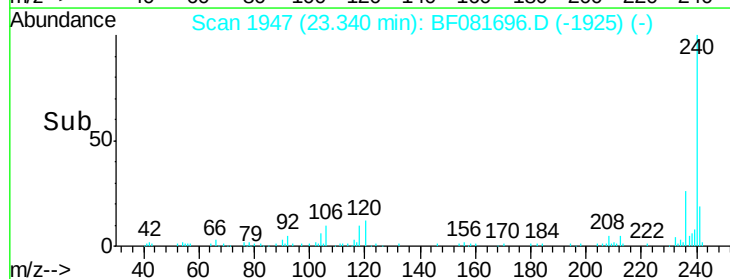
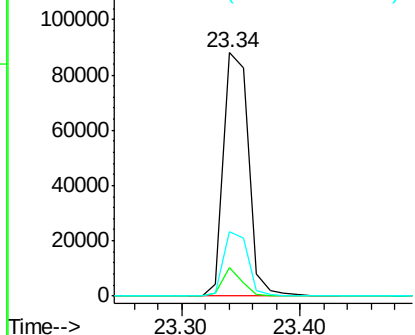


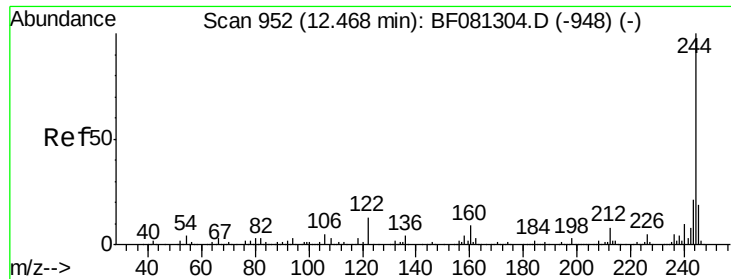
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081696.D
Acq: 18 Sep 2015 14:20

Tgt Ion:240 Resp: 128115
Ion Ratio Lower Upper
240 100
120 11.7 16.2 24.2#
236 26.2 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

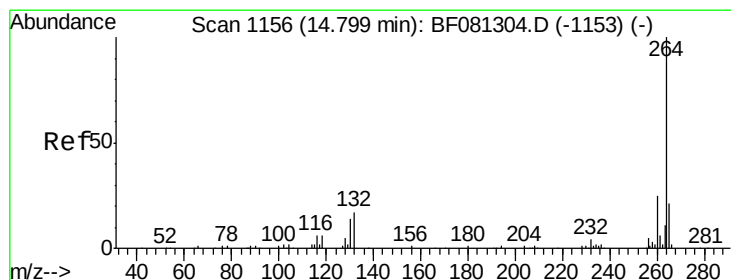
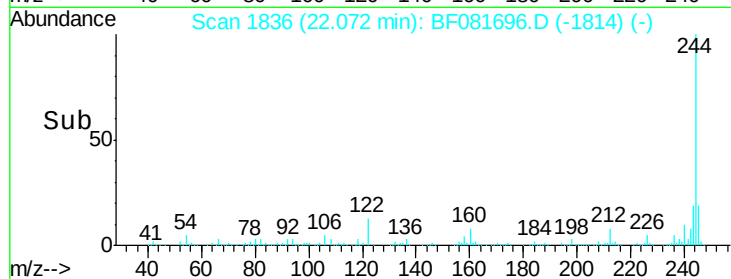
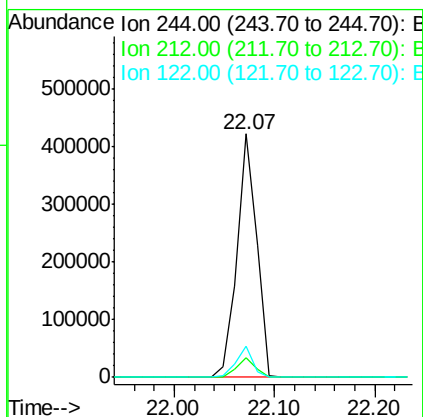
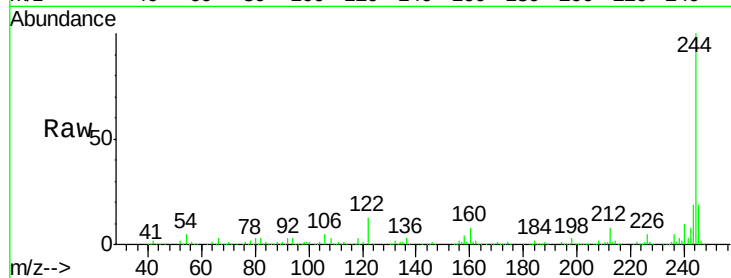




#78
 Terphenyl-d14
 Concen: 104.00 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081696.D
 Acq: 18 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-9-15-15

Tgt Ion:244 Resp: 572390
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.0 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: BF081696.D
 Acq: 18 Sep 2015 14:20

Tgt Ion:264 Resp: 85384
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.4 17.2 25.8

