

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081680.D
 Acq On : 17 Sep 2015 15:44
 Operator : UM/IZ
 Sample : G3631-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW1

Quant Time: Sep 18 00:51:54 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

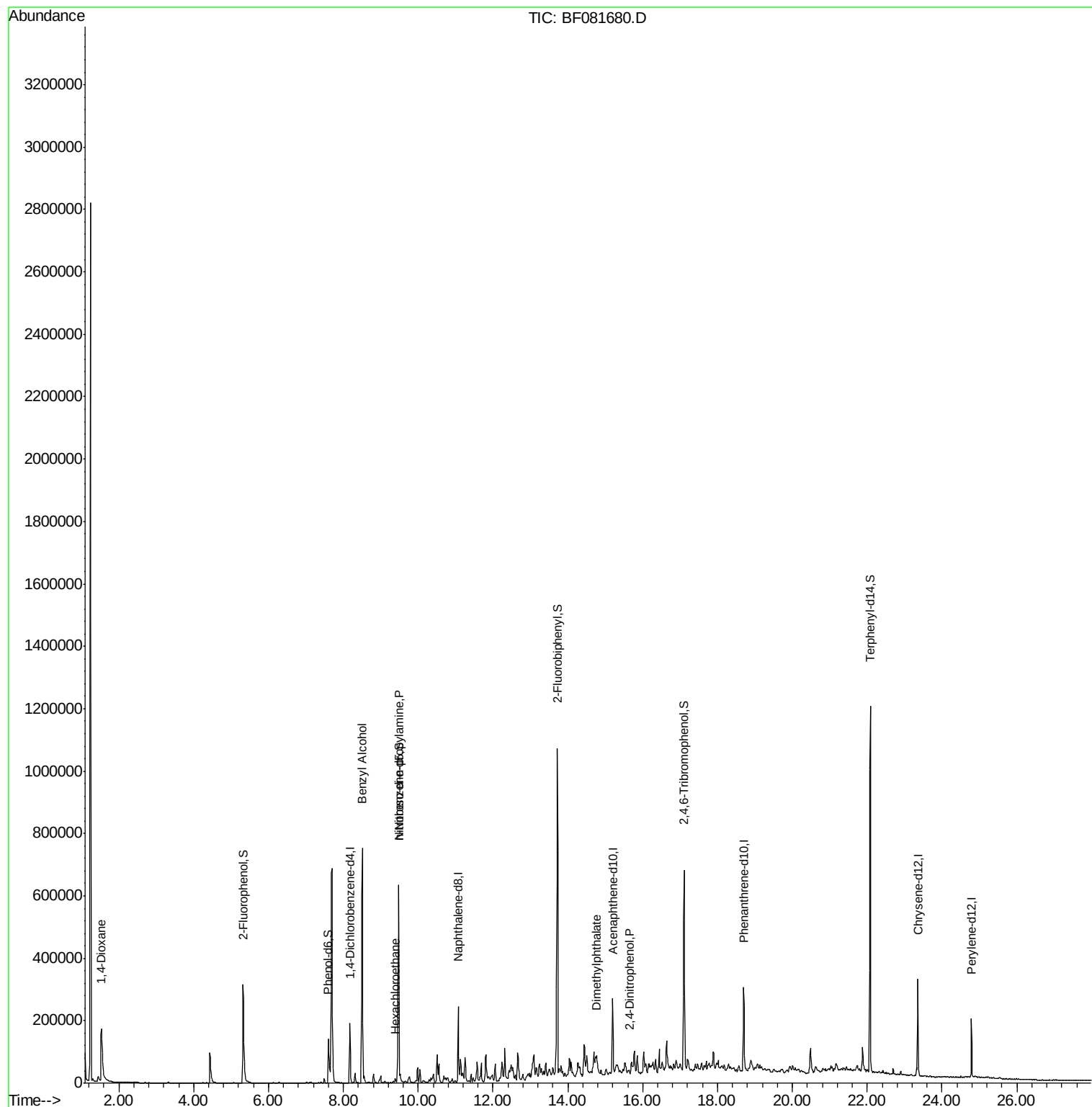
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47654	20.00	ng	-0.04
21) Naphthalene-d8	11.08	136	188163	20.00	ng	-0.04
38) Acenaphthene-d10	15.20	164	87149	20.00	ng	-0.06
63) Phenanthrene-d10	18.70	188	171305	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	129115	20.00	ng	-0.03
86) Perylene-d12	24.78	264	79594	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	166277	54.14	ng	-0.03
7) Phenol-d6	7.60	99	135186	33.25	ng	-0.04
23) Nitrobenzene-d5	9.48	82	376813	96.62	ng	-0.06
41) 2,4,6-Tribromophenol	17.11	330	108933	140.38	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	618584	90.96	ng	-0.06
78) Terphenyl-d14	22.08	244	544639	98.19	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	9661	7.00	ng	# 11
15) Benzyl Alcohol	8.50	79	6968	2.09	ng	# 32
18) Hexachloroethane	9.38	117	6456	4.51	ng	# 5
19) n-Nitroso-di-n-propylamine	9.48	70	51141	18.48	ng	# 67
49) Dimethylphthalate	14.77	163	23190	3.42	ng	# 85
53) 2,4-Dinitrophenol	15.66	184	770	7.63	ng	# 25

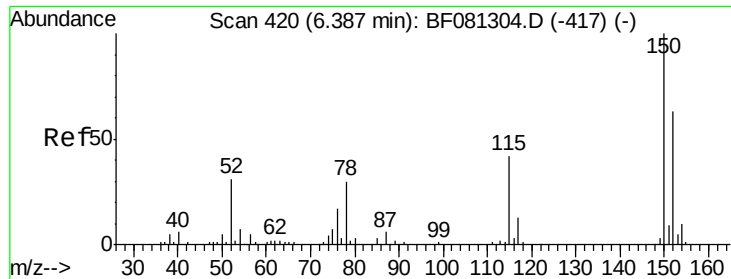
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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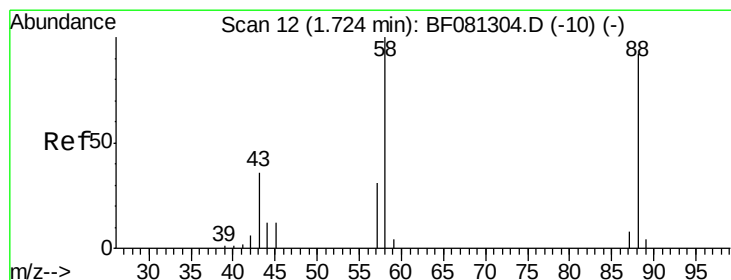
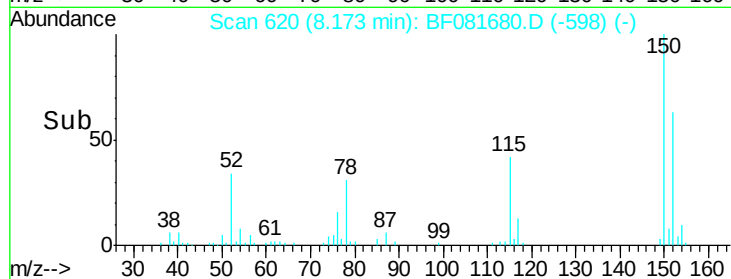
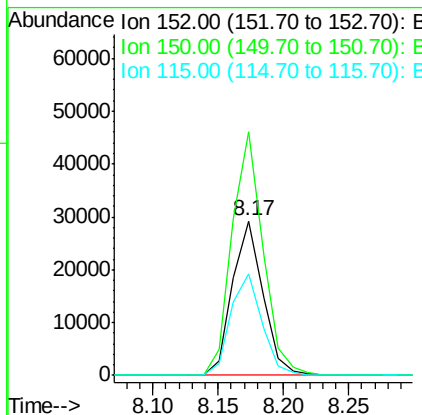
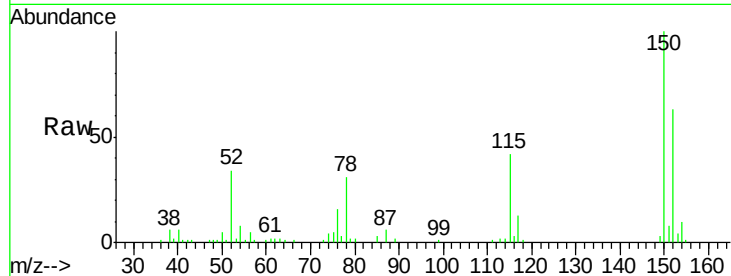


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.04 min
Lab File: BF081680.D
Acq: 17 Sep 2015 15:44

Instrument :
BNA_F
ClientSampleId :
RW1

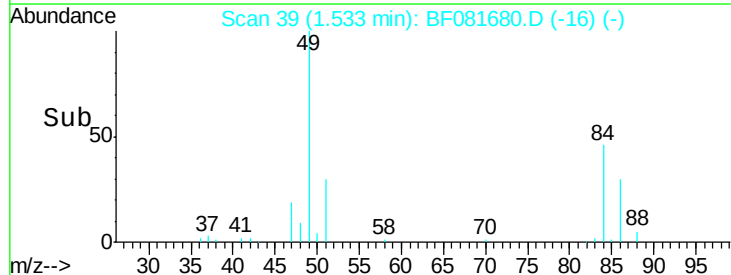
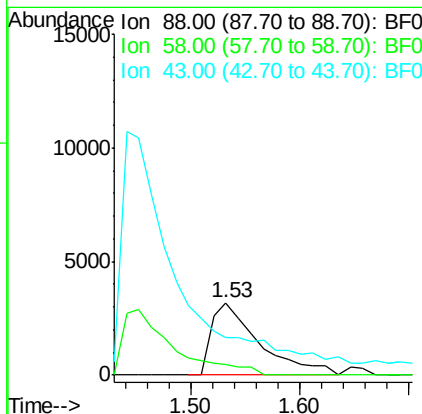
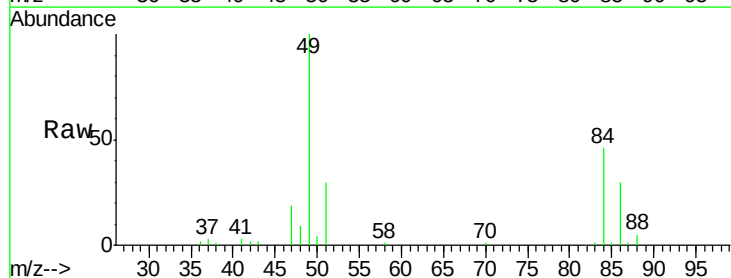
Tgt Ion:152 Resp: 47654
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 65.9 39.0 58.4#

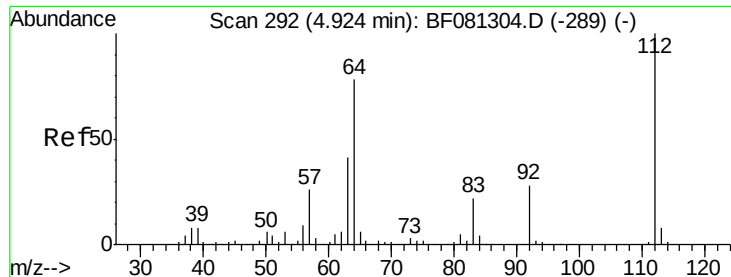


#2

1,4-Dioxane
Concen: 7.00 ng
RT: 1.53 min Scan# 39
Delta R.T. -0.03 min
Lab File: BF081680.D
Acq: 17 Sep 2015 15:44

Tgt Ion: 88 Resp: 9661
Ion Ratio Lower Upper
88 100
58 0.0 77.7 116.5#
43 0.0 26.6 40.0#

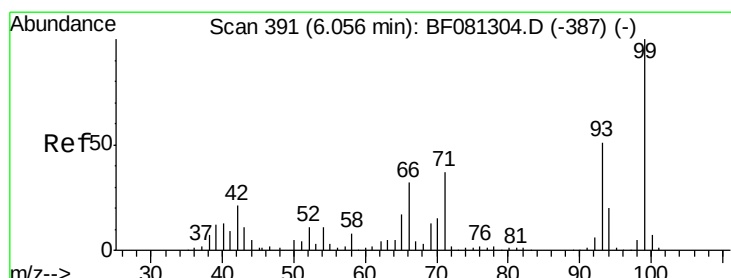
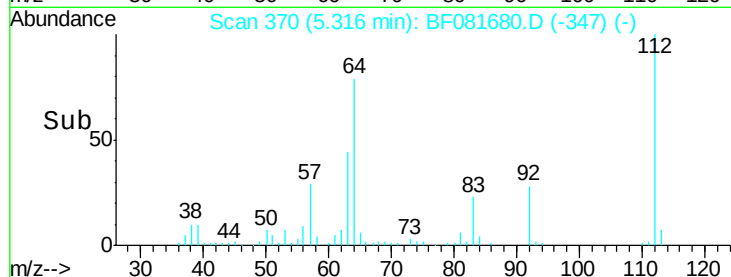
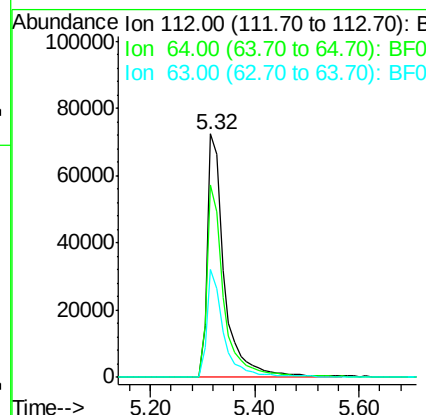
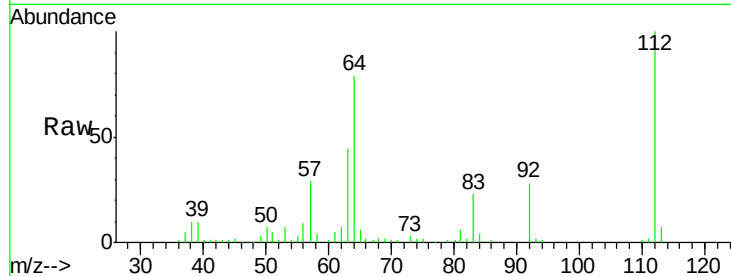




#5
 2-Fluorophenol
 Concen: 54.14 ng
 RT: 5.32 min Scan# 370
 Delta R.T. -0.03 min
 Lab File: BF081680.D
 Acq: 17 Sep 2015 15:44

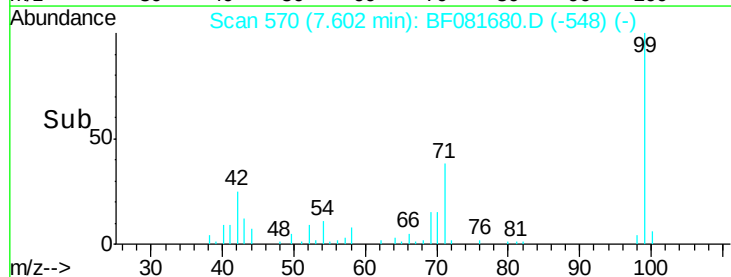
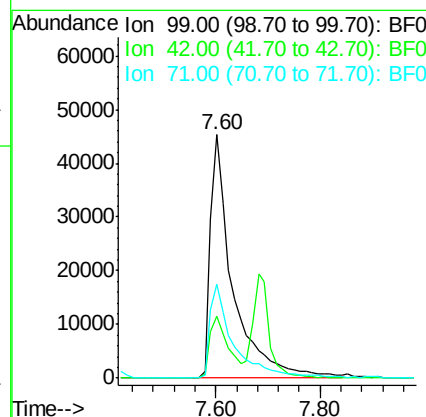
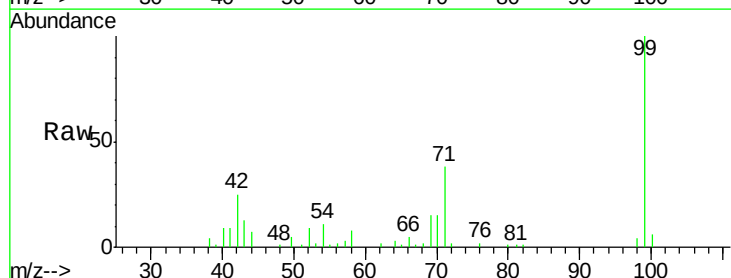
Instrument :
 BNA_F
 ClientSampled :
 RW1

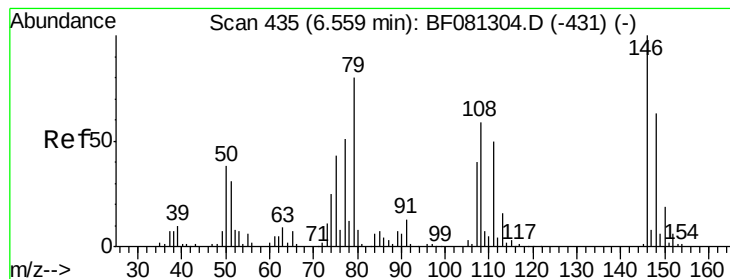
Tgt Ion: 112 Resp: 166277
 Ion Ratio Lower Upper
 112 100
 64 79.1 39.7 59.5#
 63 44.4 17.4 26.0#



#7
 Phenol-d6
 Concen: 33.25 ng
 RT: 7.60 min Scan# 570
 Delta R.T. -0.04 min
 Lab File: BF081680.D
 Acq: 17 Sep 2015 15:44

Tgt Ion: 99 Resp: 135186
 Ion Ratio Lower Upper
 99 100
 42 25.5 13.7 20.5#
 71 38.3 14.2 21.2#





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.50 min Scan# 649

Delta R.T. -0.16 min

Lab File: BF081680.D

Acq: 17 Sep 2015 15:44

Instrument :

BNA_F

ClientSampled :

RW1

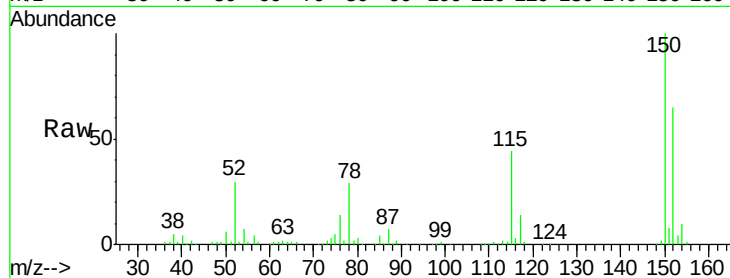
Tgt Ion: 79 Resp: 6968

Ion Ratio Lower Upper

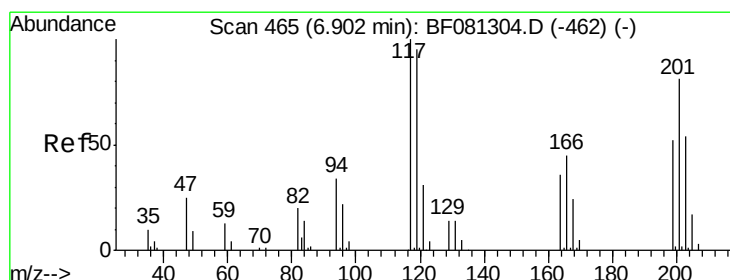
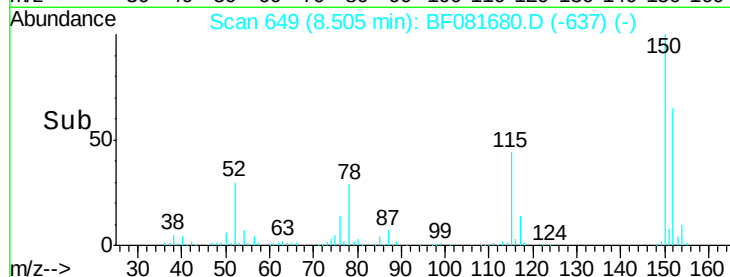
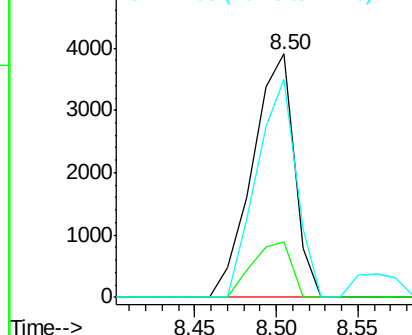
79 100

108 22.9 88.6 132.8#

77 89.4 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 4.51 ng

RT: 9.38 min Scan# 726

Delta R.T. 0.07 min

Lab File: BF081680.D

Acq: 17 Sep 2015 15:44

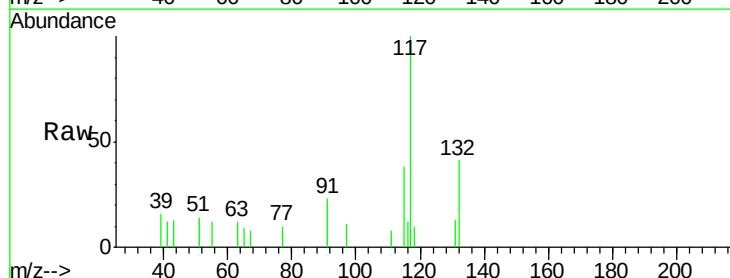
Tgt Ion: 117 Resp: 6456

Ion Ratio Lower Upper

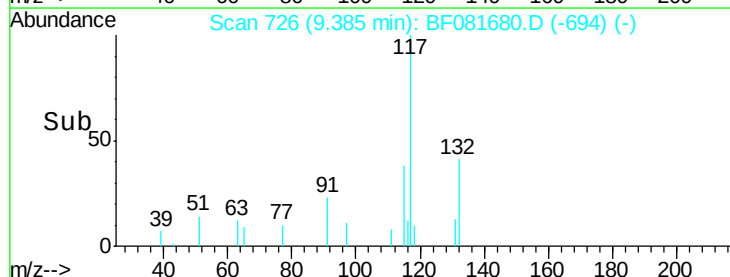
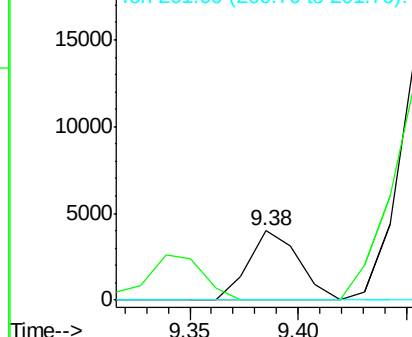
117 100

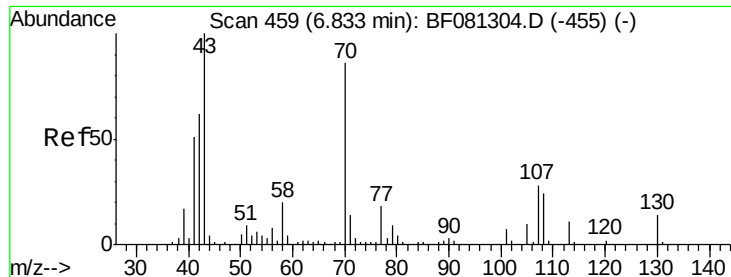
119 0.0 83.8 125.6#

201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

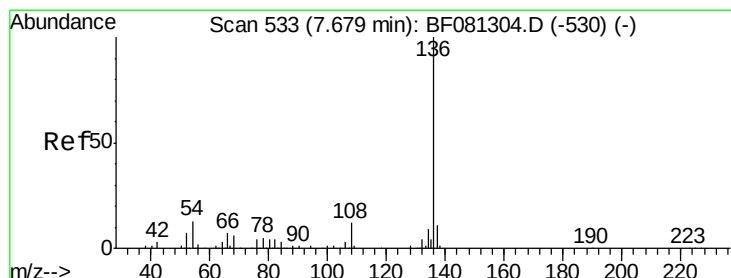
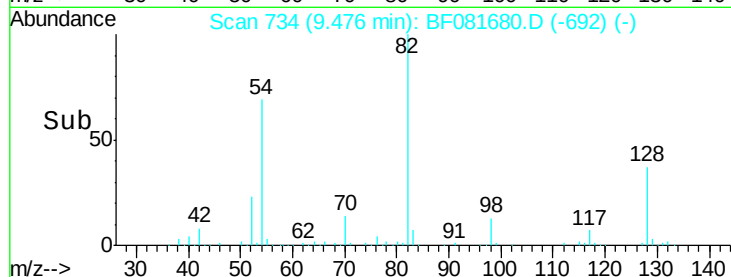
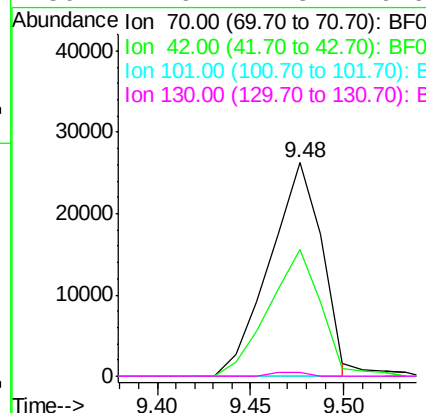
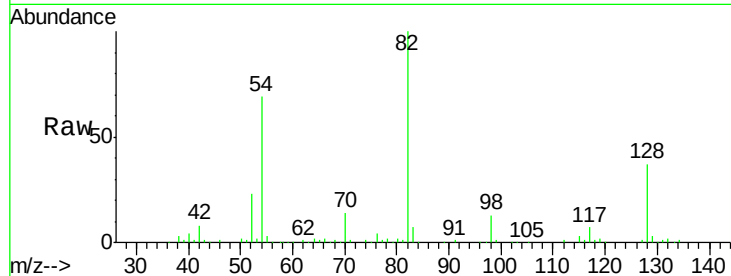




#19
n-Nitroso-di-n-propylamine
Concen: 18.48 ng
RT: 9.48 min Scan# 734
Delta R.T. 0.18 min
Lab File: BF081680.D
Acq: 17 Sep 2015 15:44

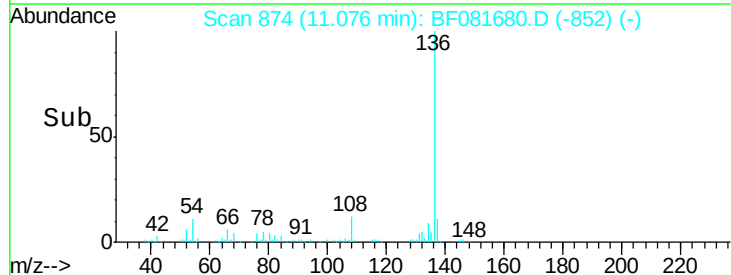
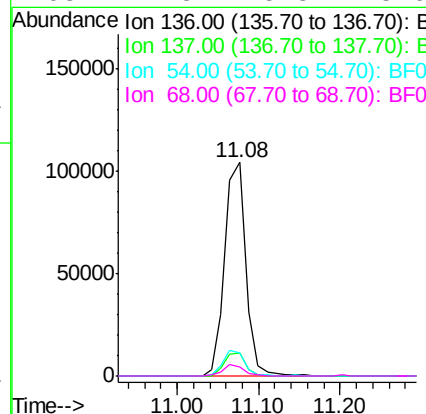
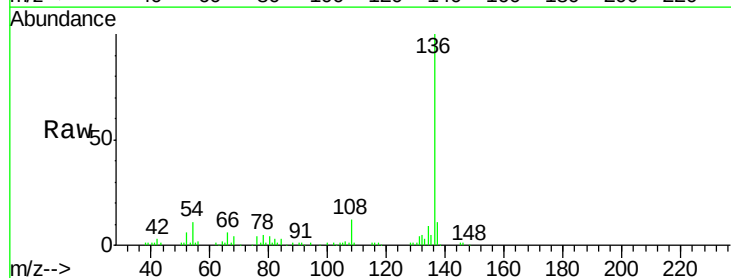
Instrument :
BNA_F
ClientSampleId :
RW1

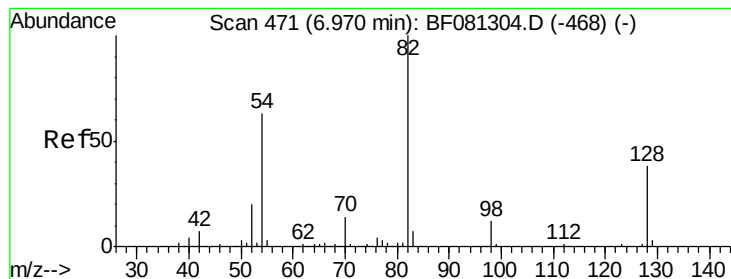
Tgt Ion: 70 Resp: 51141
Ion Ratio Lower Upper
70 100
42 59.4 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF081680.D
Acq: 17 Sep 2015 15:44

Tgt Ion: 136 Resp: 188163
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.6 8.2 12.2
68 4.3 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 96.62 ng

RT: 9.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081680.D

Acq: 17 Sep 2015 15:44

Instrument :

BNA_F

ClientSampleId :

RW1

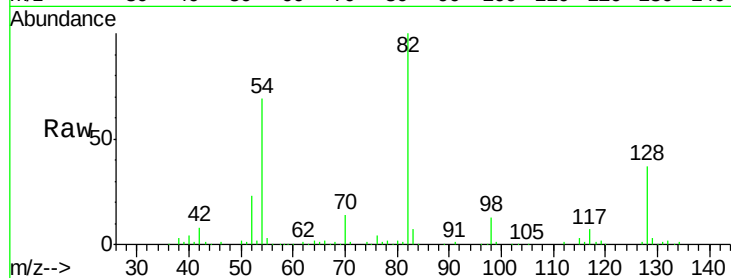
Tgt Ion: 82 Resp: 376813

Ion Ratio Lower Upper

82 100

128 36.5 51.0 76.6#

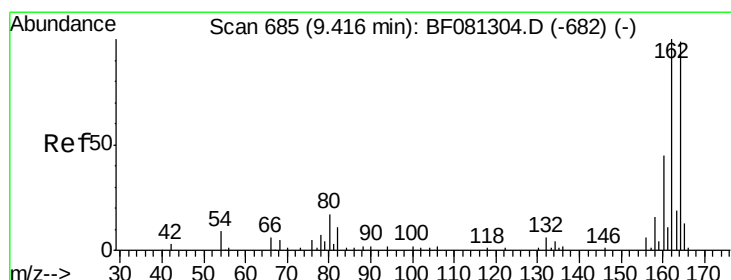
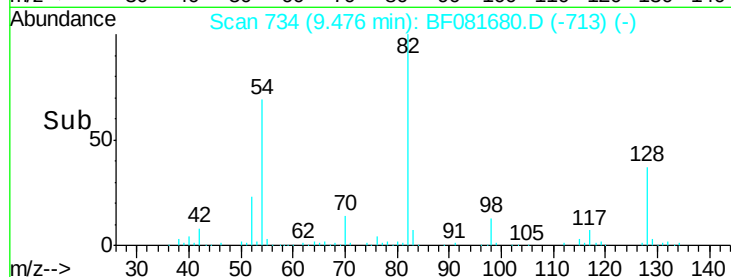
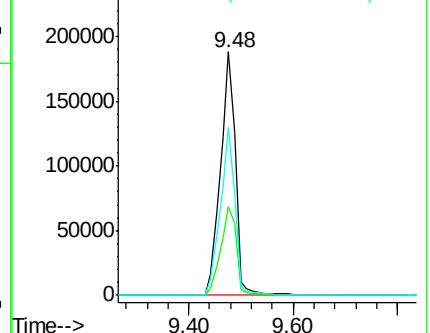
54 69.0 47.5 71.3



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: 15.20 min Scan# 1235

Delta R.T. -0.06 min

Lab File: BF081680.D

Acq: 17 Sep 2015 15:44

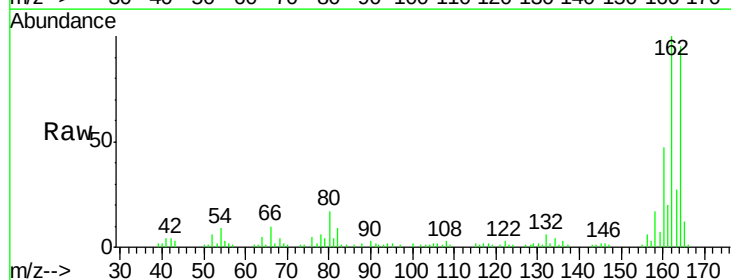
Tgt Ion: 164 Resp: 87149

Ion Ratio Lower Upper

164 100

162 105.1 75.2 112.8

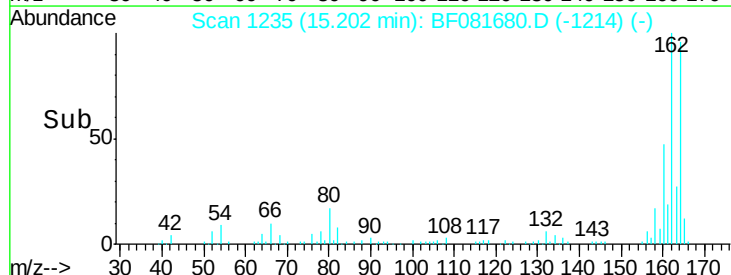
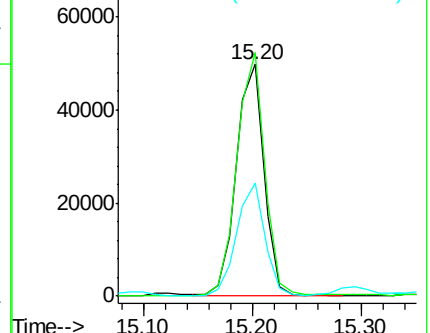
160 49.1 31.5 47.3#

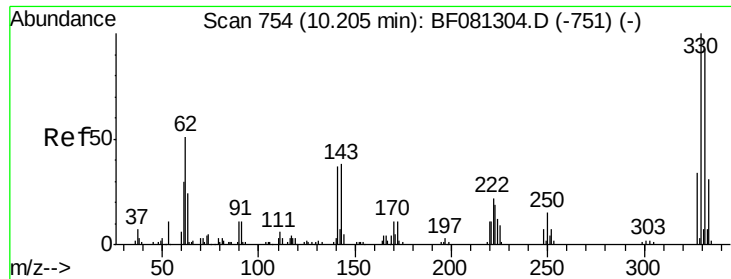


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

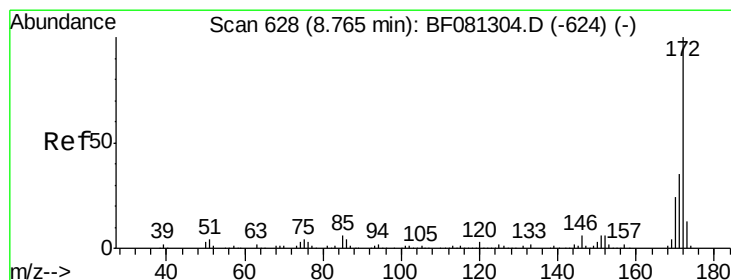
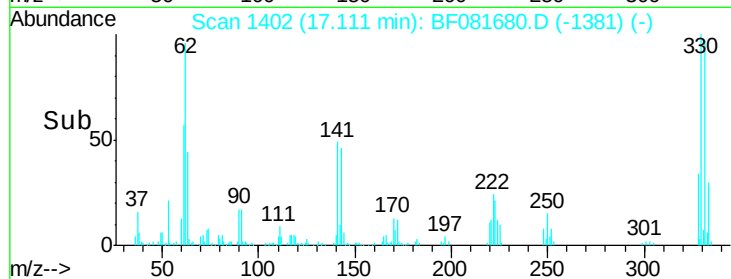
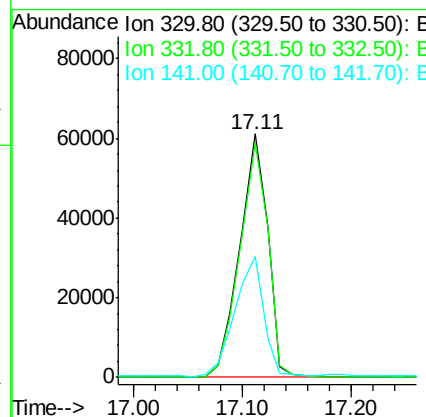
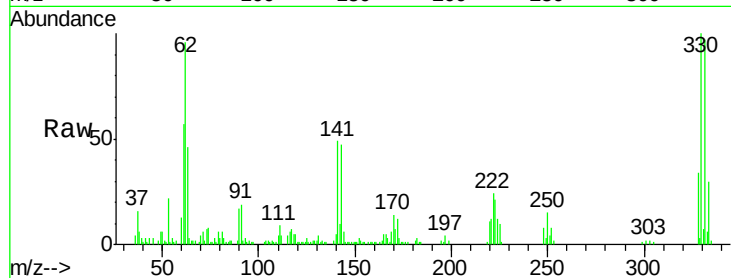




#41
 2,4,6-Tribromophenol
 Concen: 140.38 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081680.D
 Acq: 17 Sep 2015 15:44

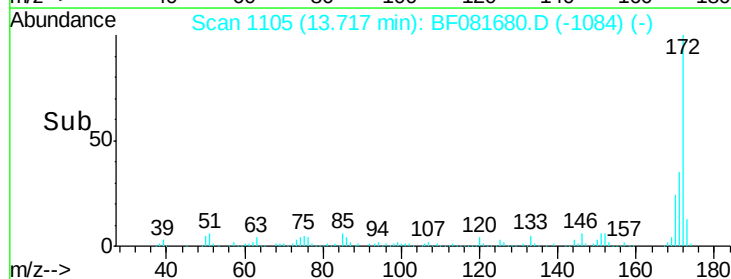
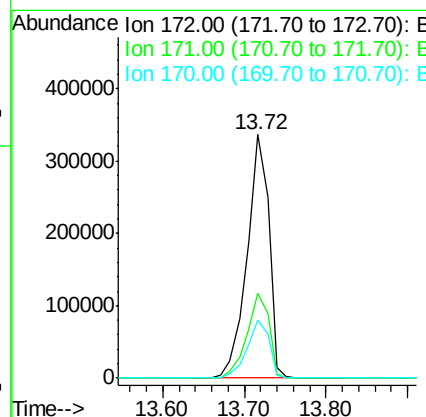
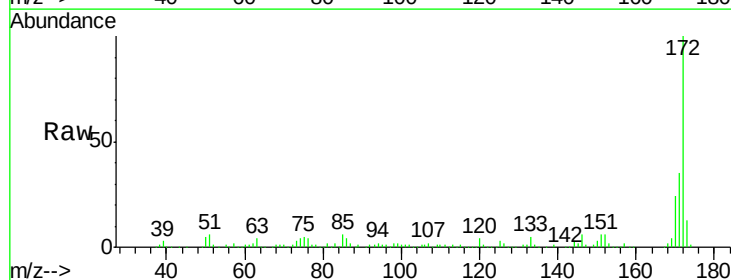
Instrument :
 BNA_F
 ClientSampled :
 RW1

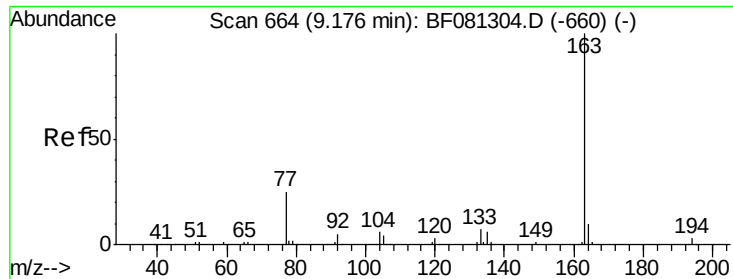
Tgt Ion:330 Resp: 108933
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 51.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 90.96 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081680.D
 Acq: 17 Sep 2015 15:44

Tgt Ion:172 Resp: 618584
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 24.0 17.4 26.2





#49

Dimethylphthalate

Concen: 3.42 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081680.D

Acq: 17 Sep 2015 15:44

Instrument :

BNA_F

ClientSampleId :

RW1

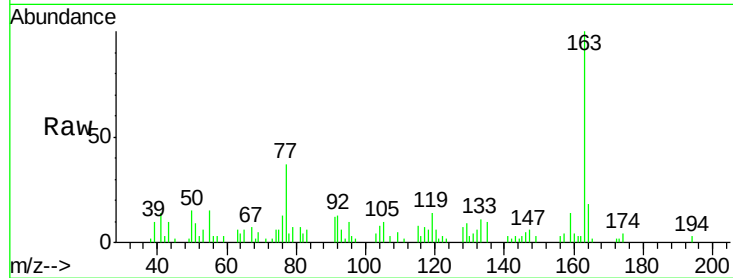
Tgt Ion:163 Resp: 23190

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

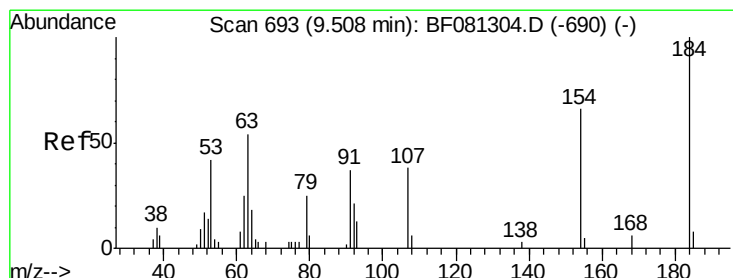
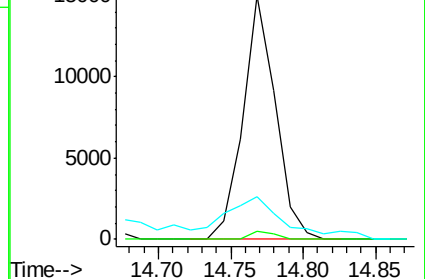
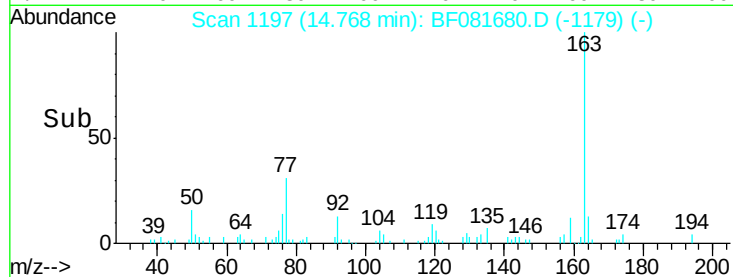
164 17.5 8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 7.63 ng

RT: 15.66 min Scan# 1275

Delta R.T. 0.07 min

Lab File: BF081680.D

Acq: 17 Sep 2015 15:44

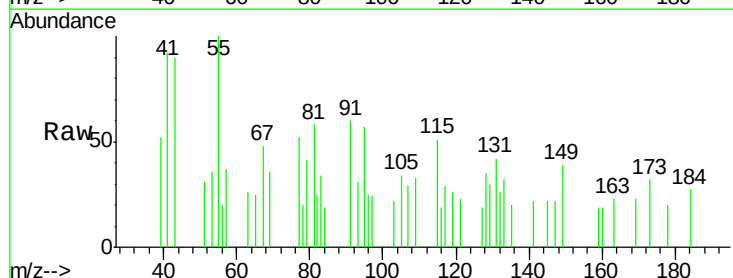
Tgt Ion:184 Resp: 770

Ion Ratio Lower Upper

184 100

63 99.1 35.4 53.2#

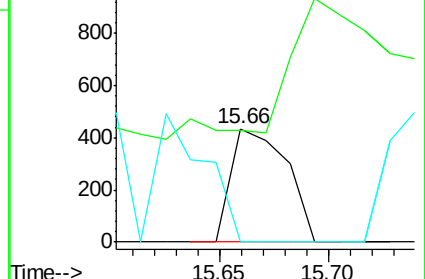
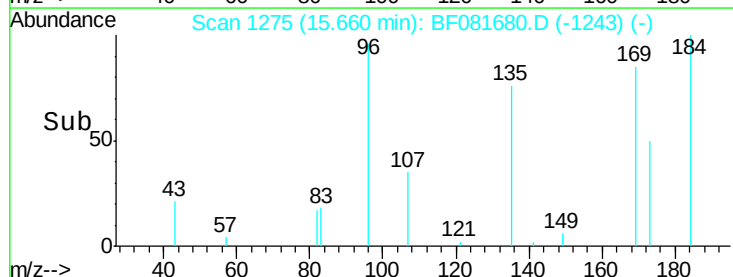
154 0.0 32.2 48.4#

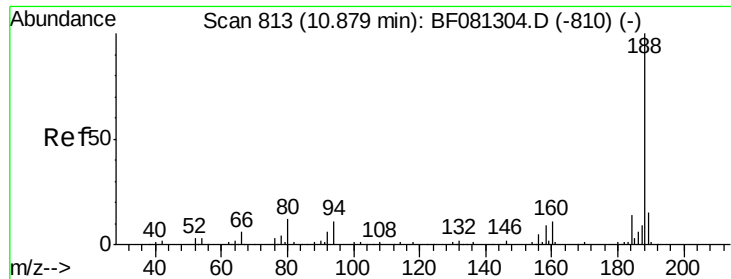


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

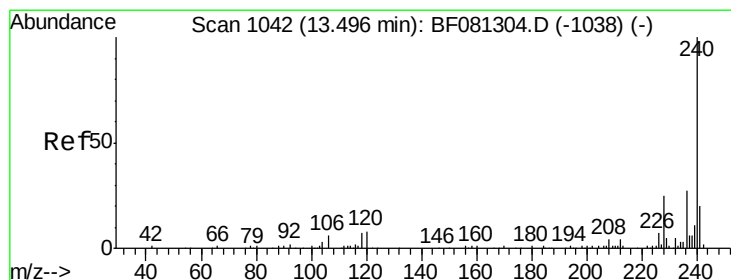
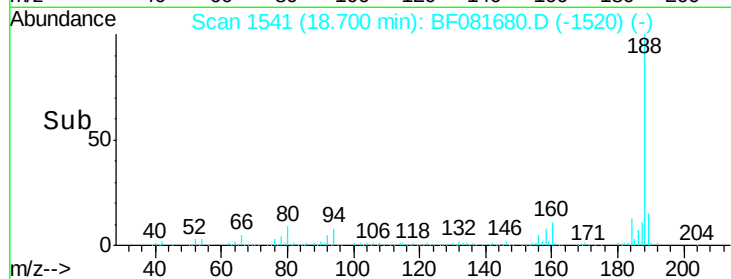
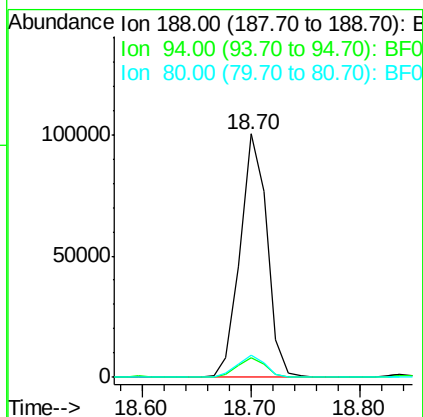
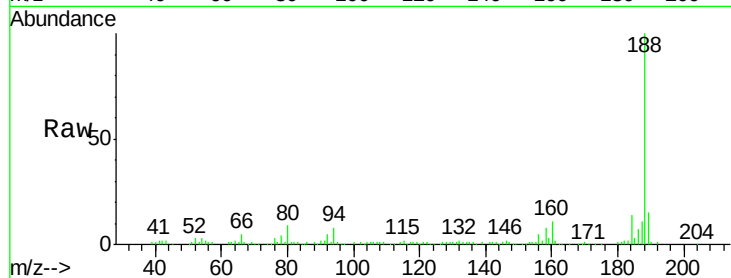




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081680.D
Acq: 17 Sep 2015 15:44

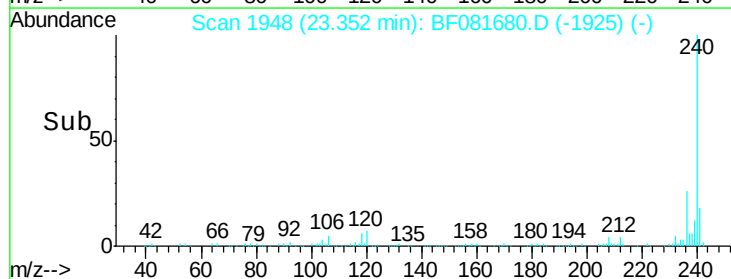
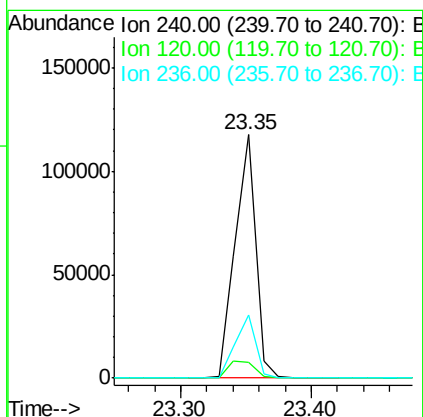
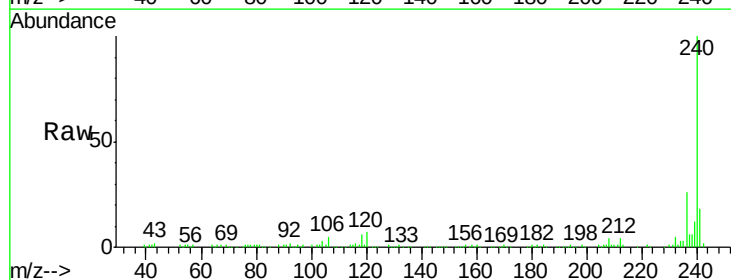
Instrument :
BNA_F
ClientSampled :
RW1

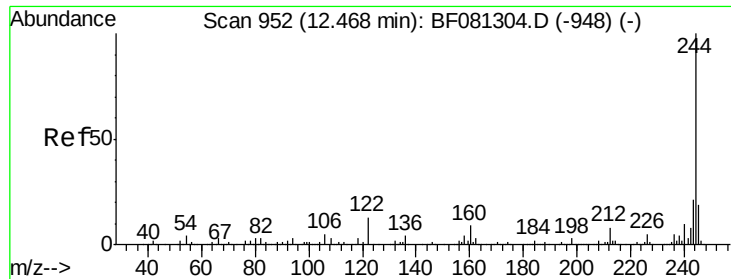
Tgt Ion:188 Resp: 171305
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 9.1 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081680.D
Acq: 17 Sep 2015 15:44

Tgt Ion:240 Resp: 129115
Ion Ratio Lower Upper
240 100
120 6.7 16.2 24.2#
236 25.7 18.4 27.6

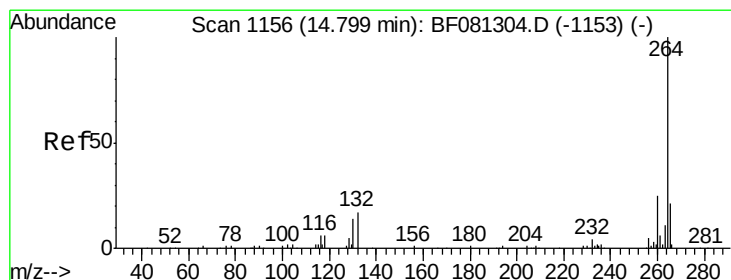
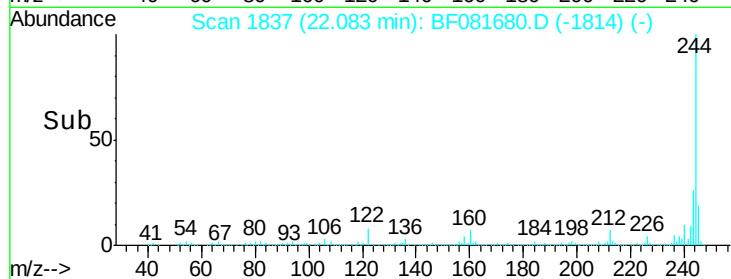
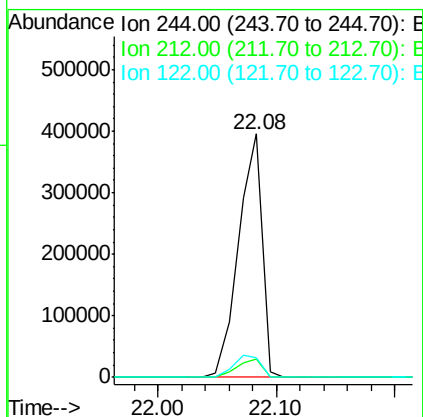
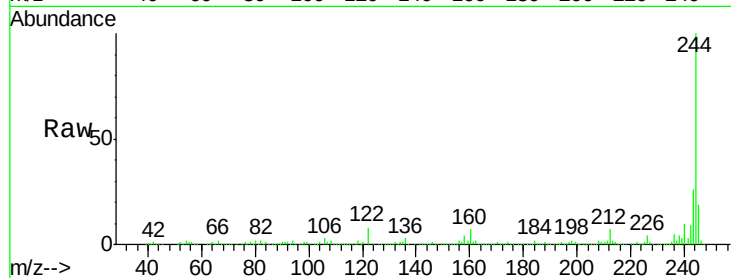




#78
 Terphenyl-d14
 Concen: 98.19 ng
 RT: 22.08 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF081680.D
 Acq: 17 Sep 2015 15:44

Instrument :
 BNA_F
 ClientSampleId :
 RW1

Tgt Ion:244 Resp: 544639
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 7.8 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: BF081680.D
 Acq: 17 Sep 2015 15:44

Tgt Ion:264 Resp: 79594
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.5 17.2 25.8

