

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081697.D
 Acq On : 18 Sep 2015 14:57
 Operator : UM/IZ
 Sample : G3704-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-9-15-15

Quant Time: Sep 18 22:58:17 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

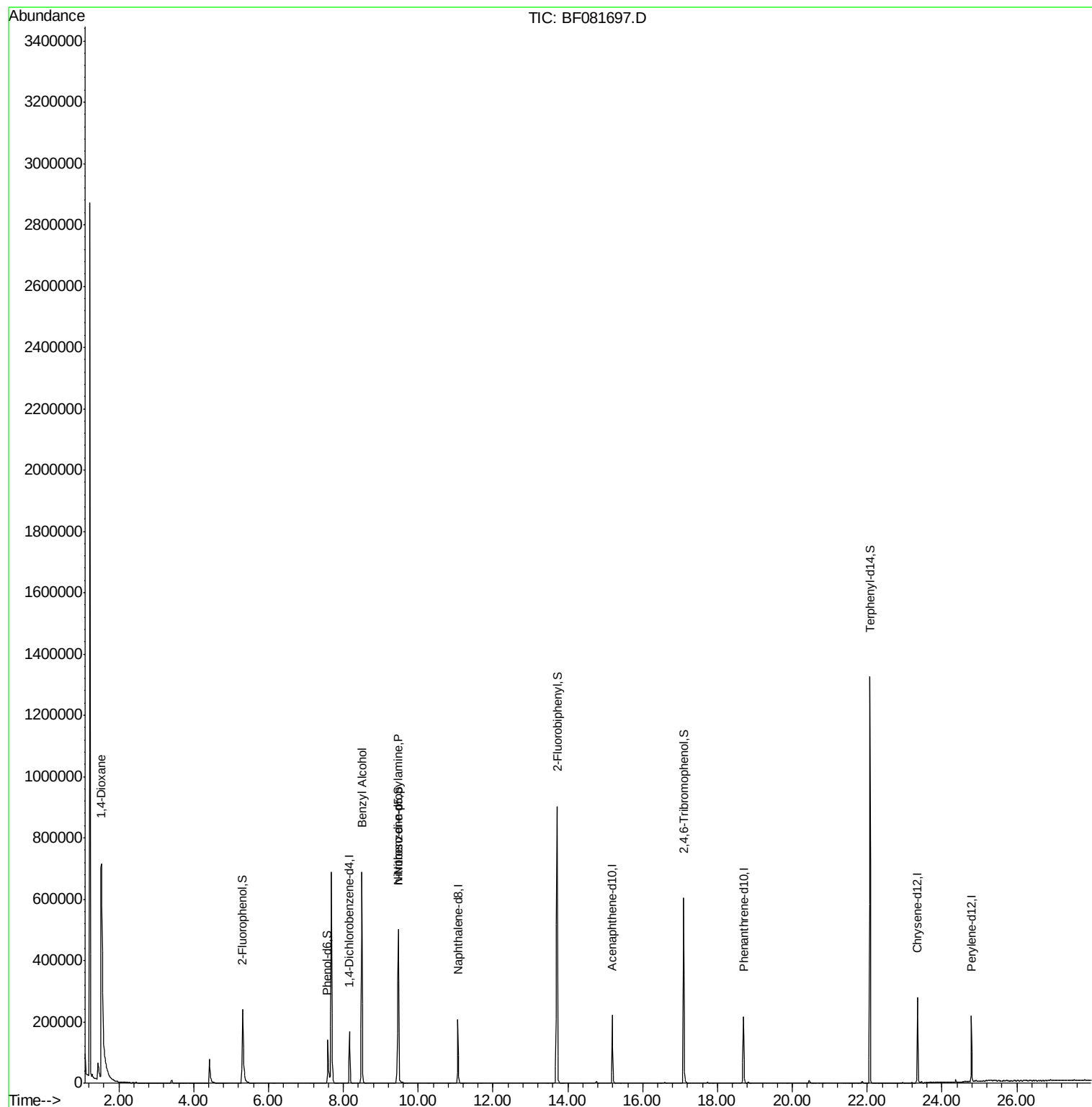
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43001	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	166684	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	81214	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	167810	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	140200	20.00	ng	-0.04
86) Perylene-d12	24.78	264	94530	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	132625	47.85	ng	-0.04
7) Phenol-d6	7.58	99	111765	30.47	ng	-0.07
23) Nitrobenzene-d5	9.46	82	346340	100.25	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	108655	150.26	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	613303	96.77	ng	-0.06
78) Terphenyl-d14	22.07	244	601413	99.86	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.53	88	48897	39.28	ng	# 11
15) Benzyl Alcohol	8.49	79	6038	2.01	ng	# 33
19) n-Nitroso-di-n-propylamine	9.46	70	43860	17.57	ng	# 67

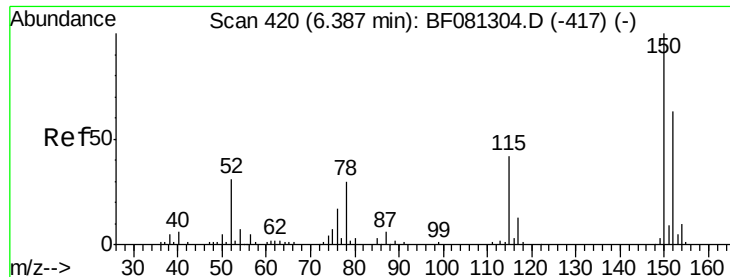
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 14:03:59 2015
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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: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampled :

MW-3-9-15-15

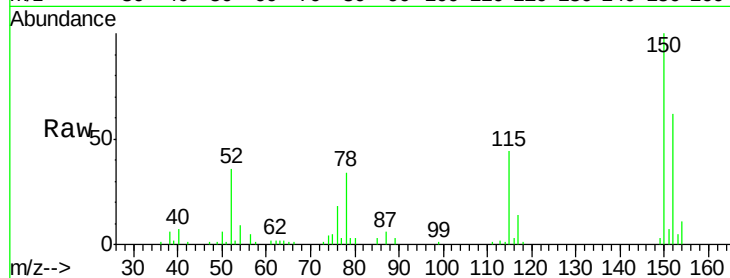
Tgt Ion:152 Resp: 43001

Ion Ratio Lower Upper

152 100

150 160.6 124.7 187.1

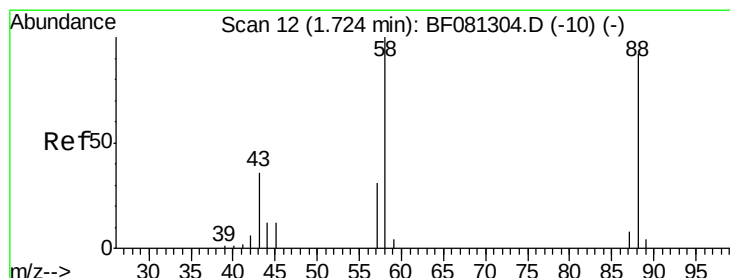
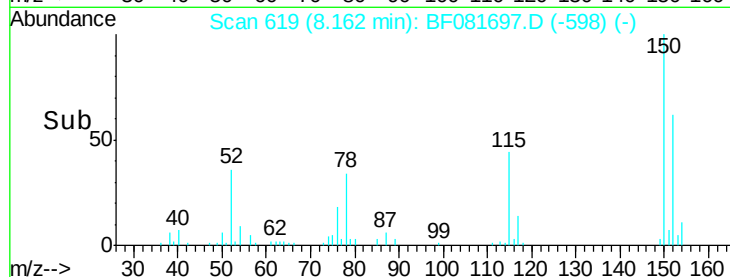
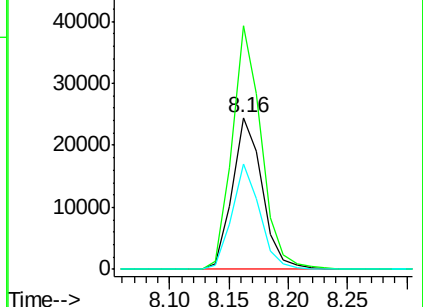
115 69.9 39.0 58.4#



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: 39.28 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

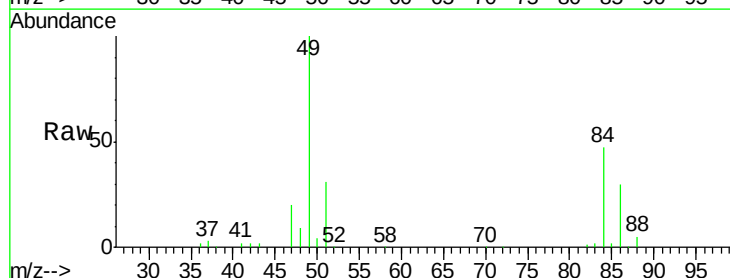
Tgt Ion: 88 Resp: 48897

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

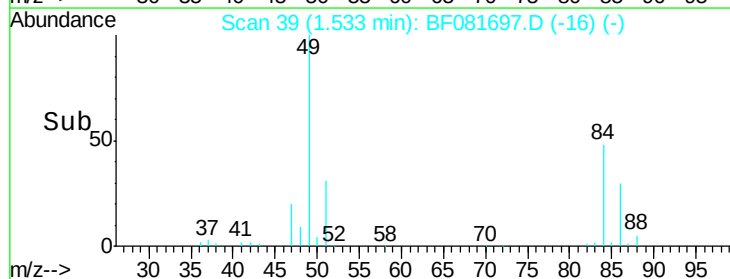
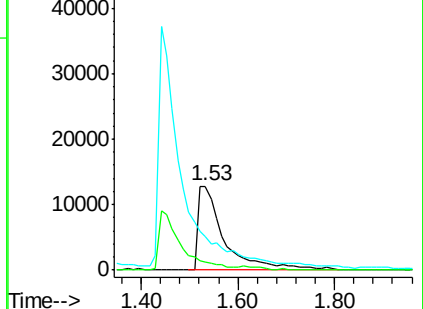
43 0.0 26.6 40.0#

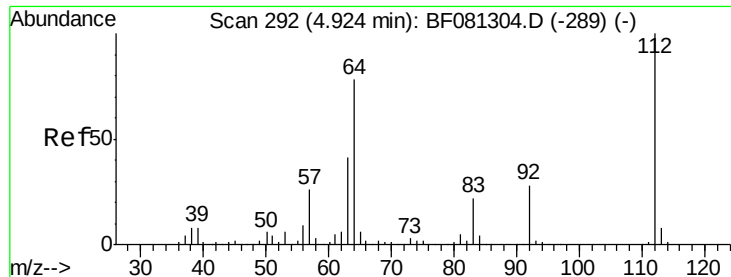


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 47.85 ng

RT: 5.30 min Scan# 369

Delta R.T. -0.04 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

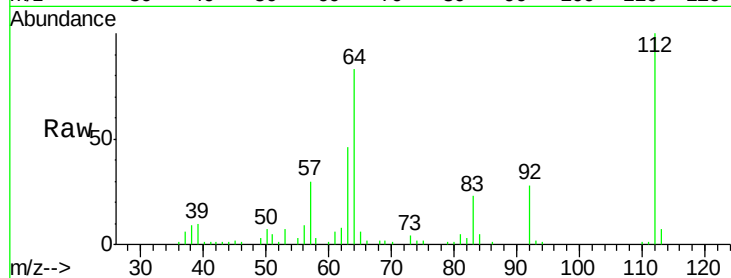
Tgt Ion: 112 Resp: 132625

Ion Ratio Lower Upper

112 100

64 83.2 39.7 59.5#

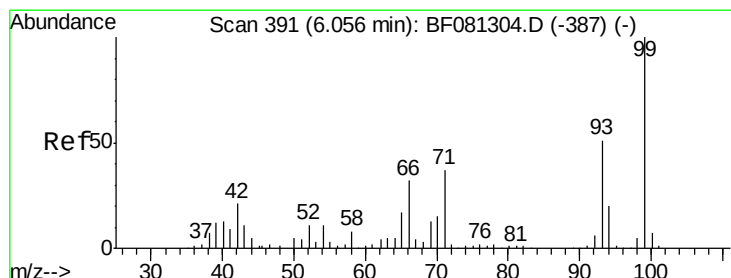
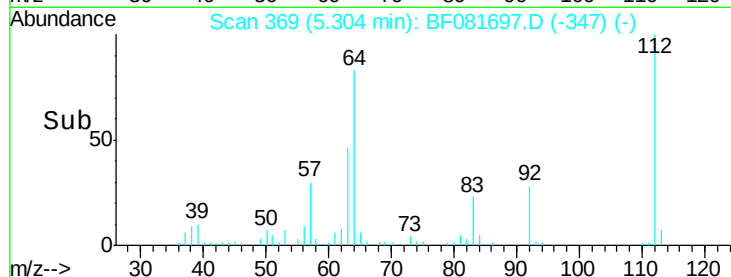
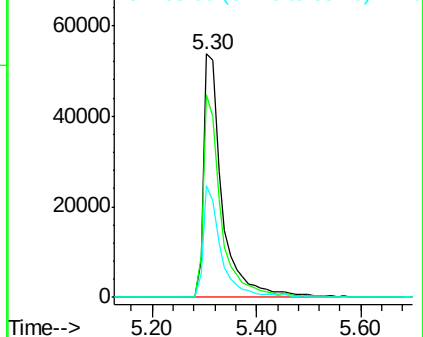
63 45.7 17.4 26.0#



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: 30.47 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

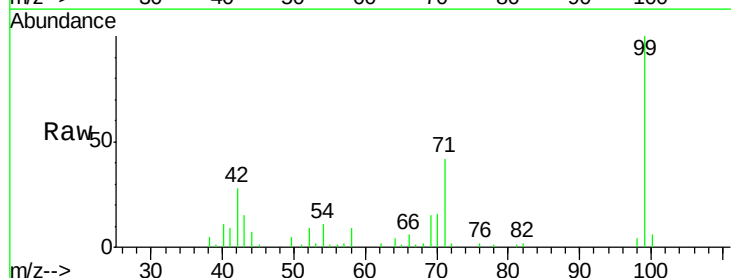
Tgt Ion: 99 Resp: 111765

Ion Ratio Lower Upper

99 100

42 28.3 13.7 20.5#

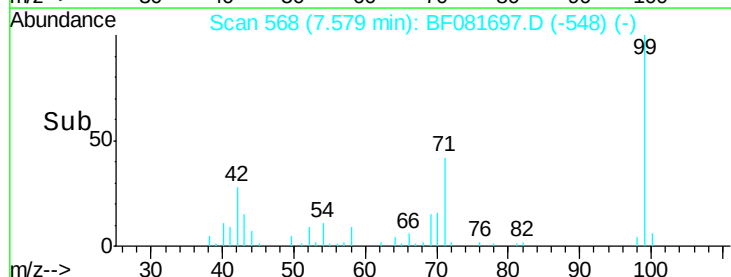
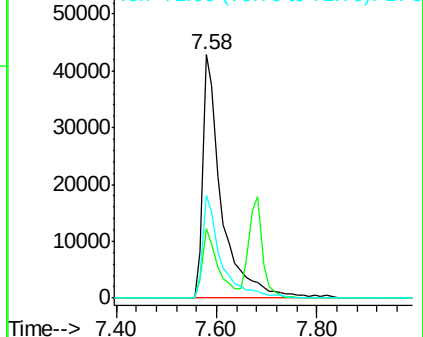
71 42.5 14.2 21.2#

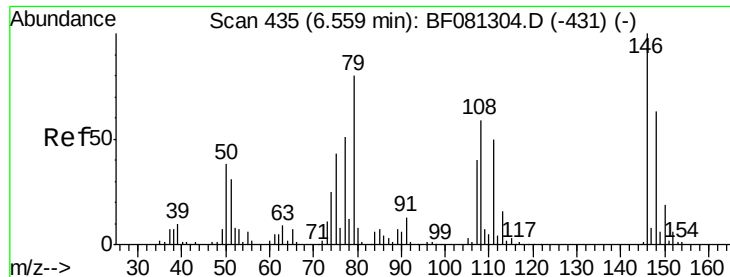


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

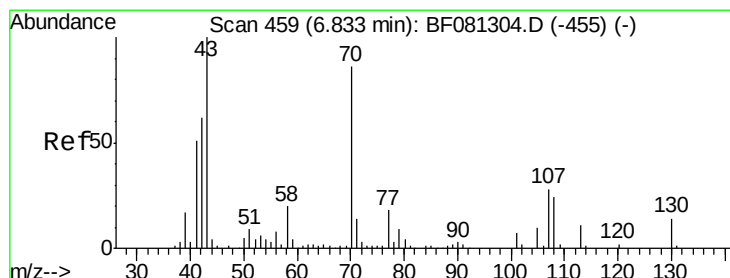
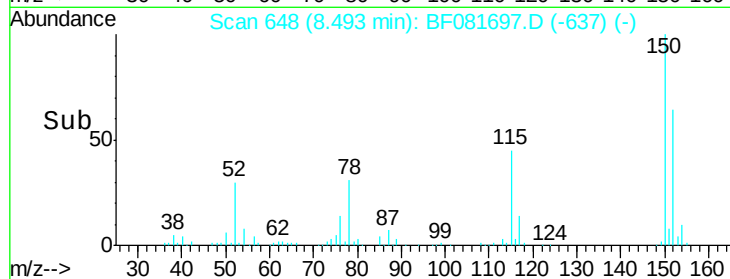
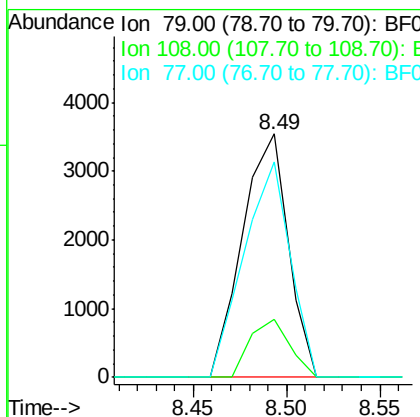
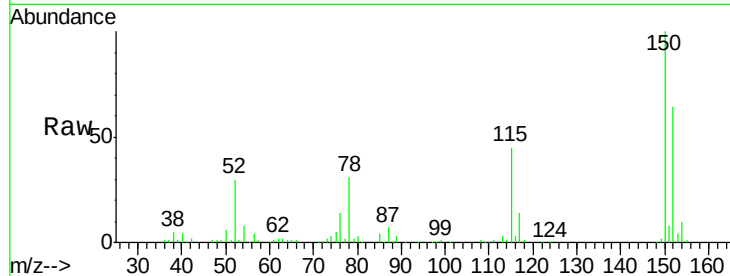




#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 8.49 min Scan# 648
Delta R.T. -0.17 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

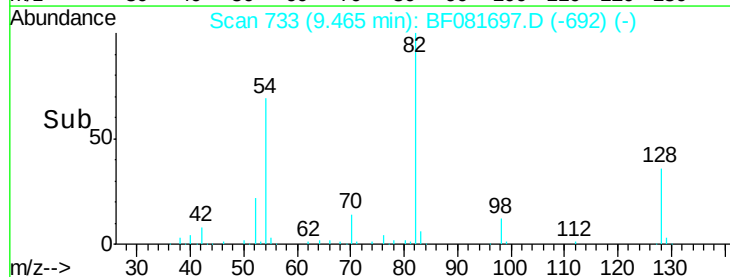
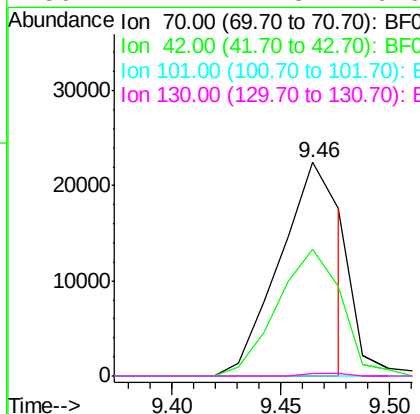
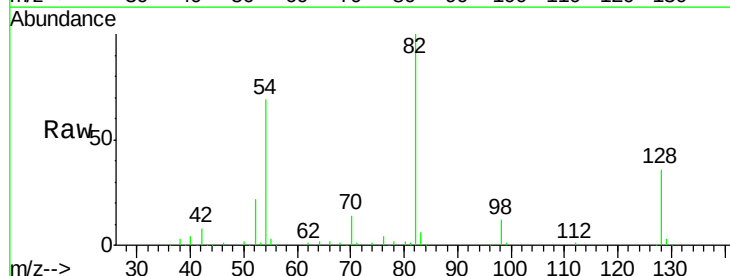
Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

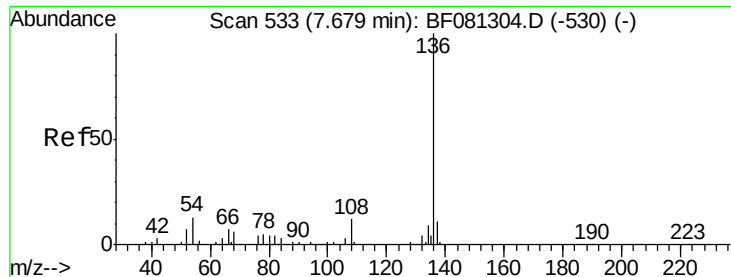
Tgt Ion: 79 Resp: 6038
Ion Ratio Lower Upper
79 100
108 23.7 88.6 132.8#
77 88.7 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.57 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion: 70 Resp: 43860
Ion Ratio Lower Upper
70 100
42 59.4 63.8 95.6#
101 0.0 9.2 13.8#
130 1.4 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

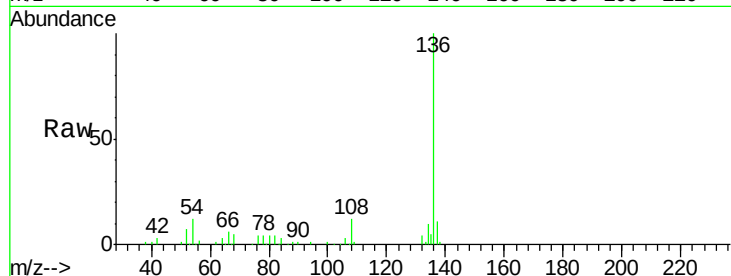
Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

Tgt Ion:	136	Resp:	166684
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.7	8.2	12.2
68	5.1	5.8	8.6#

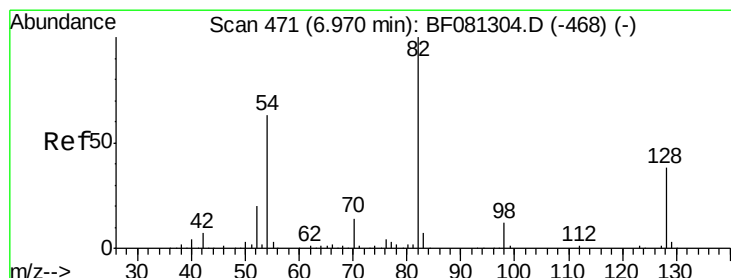
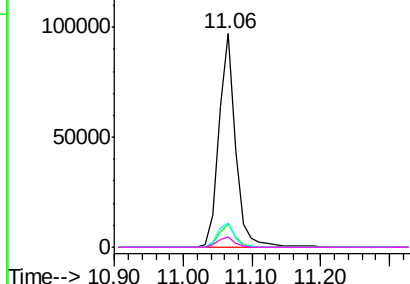
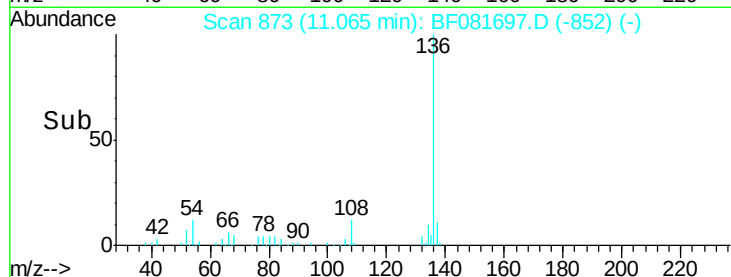


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.25 ng

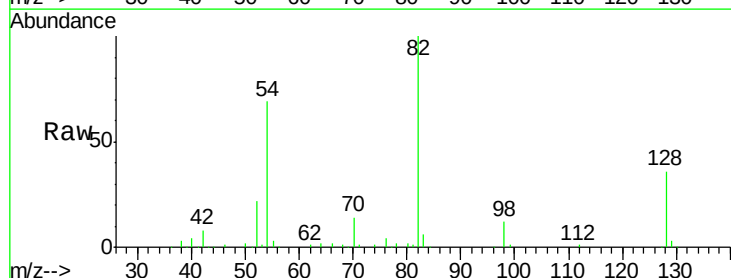
RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

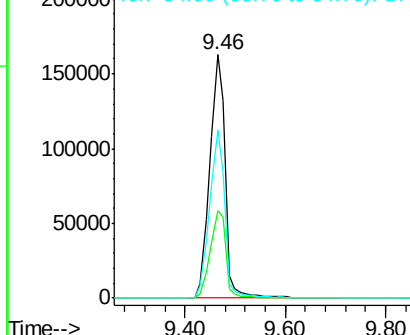
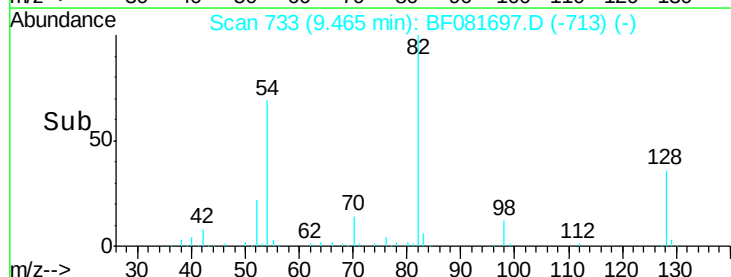
Tgt Ion:	82	Resp:	346340
Ion	Ratio	Lower	Upper
82	100		
128	35.9	51.0	76.6#
54	69.3	47.5	71.3

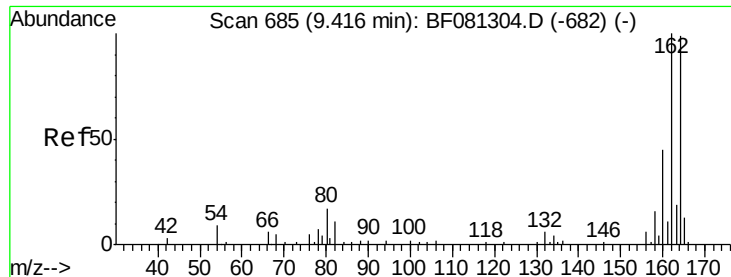


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

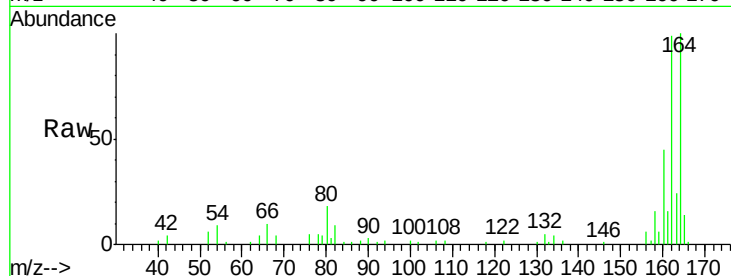
Tgt Ion:164 Resp: 81214

Ion Ratio Lower Upper

164 100

162 98.8 75.2 112.8

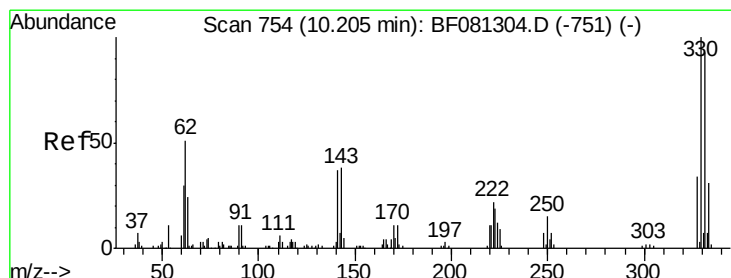
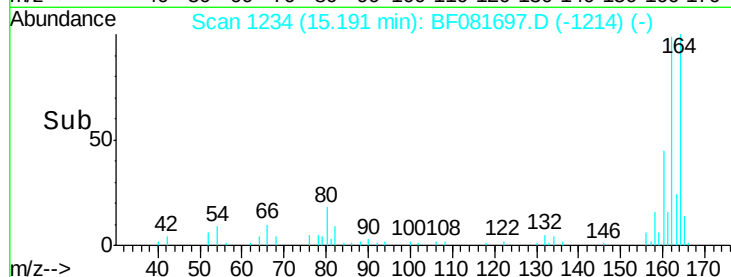
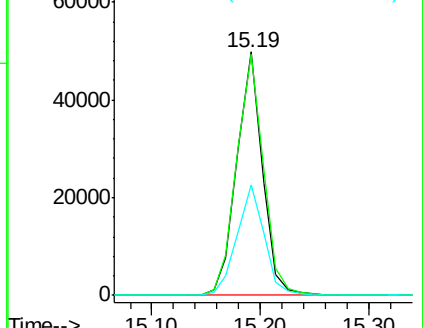
160 45.4 31.5 47.3



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: 150.26 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

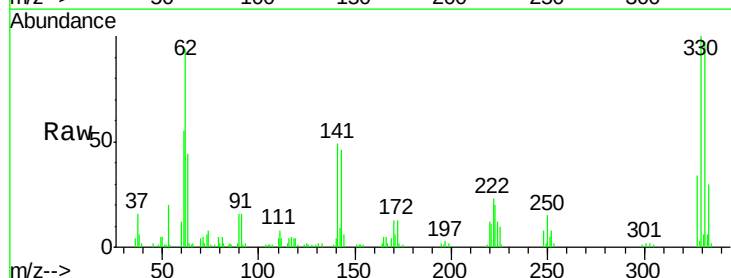
Tgt Ion:330 Resp: 108655

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

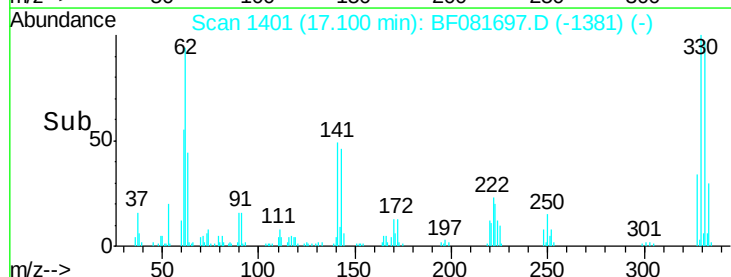
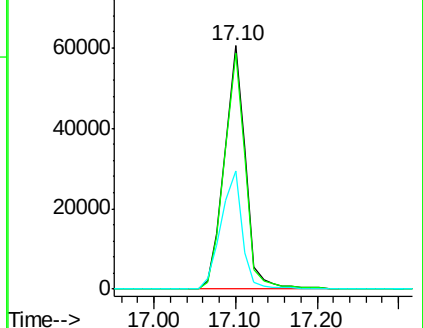
141 49.1 29.7 44.5#

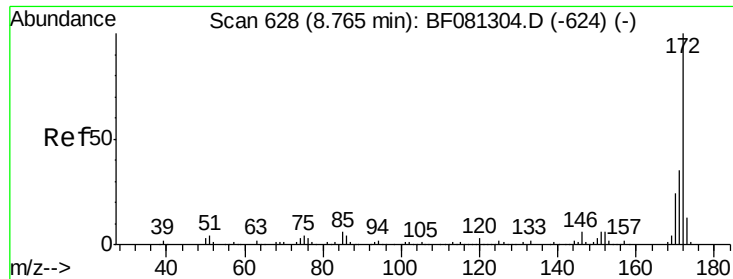


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

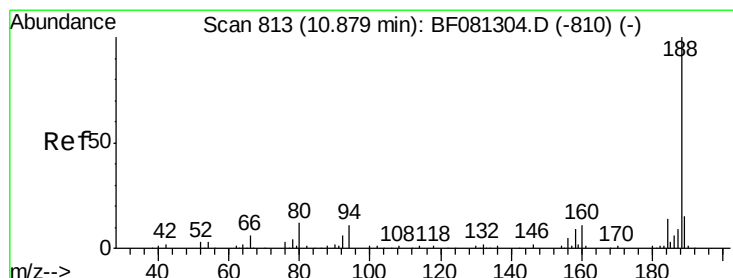
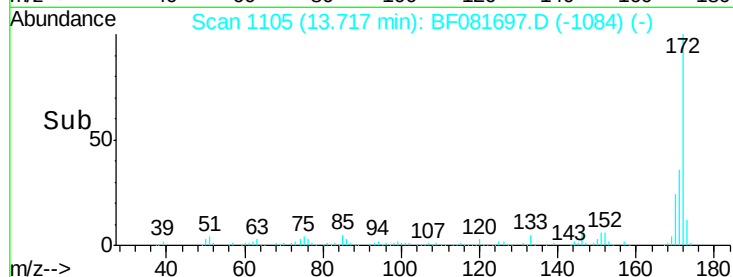
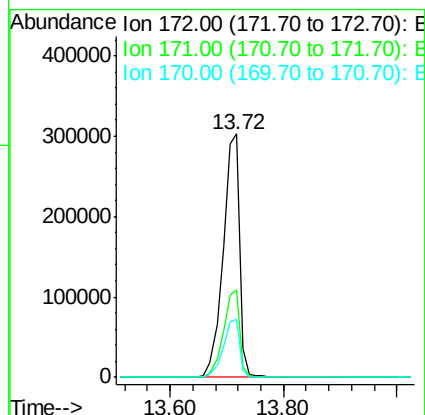
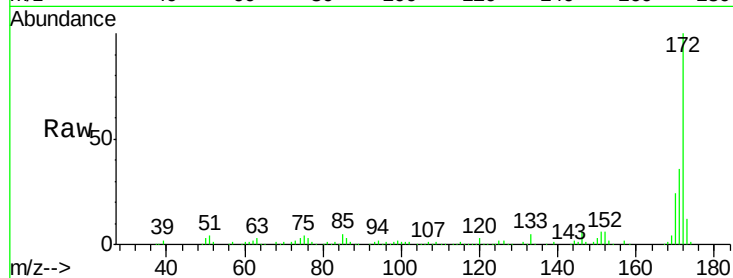




#44
 2-Fluorobiphenyl
 Concen: 96.77 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081697.D
 Acq: 18 Sep 2015 14:57

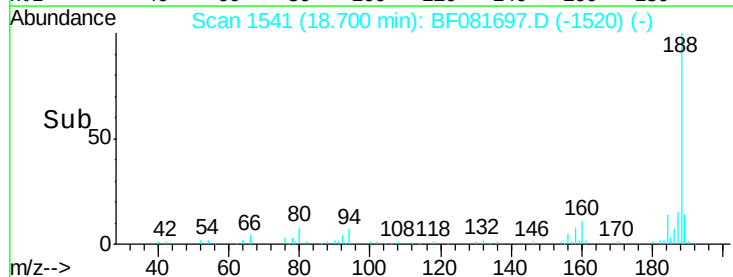
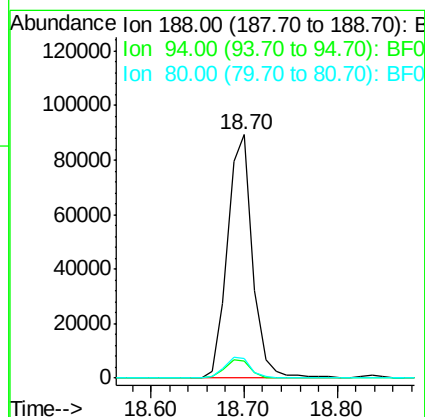
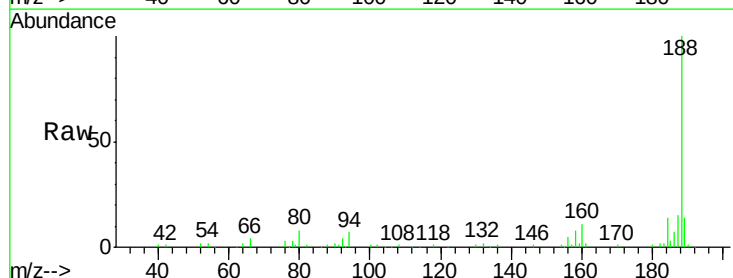
Instrument :
 BNA_F
 ClientSampleId :
 MW-3-9-15-15

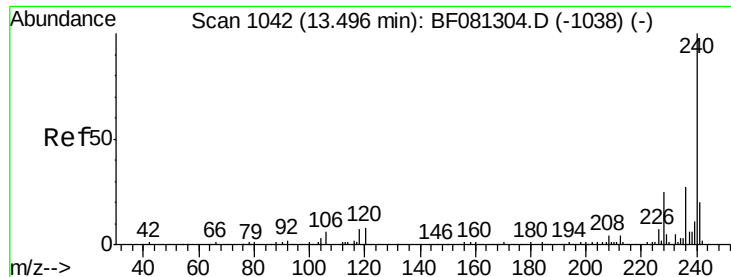
Tgt Ion:172 Resp: 613303
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 23.7 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.70 min Scan# 1541
 Delta R.T. -0.06 min
 Lab File: BF081697.D
 Acq: 18 Sep 2015 14:57

Tgt Ion:188 Resp: 167810
 Ion Ratio Lower Upper
 188 100
 94 7.0 11.1 16.7#
 80 8.2 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

Instrument :

BNA_F

ClientSampleId :

MW-3-9-15-15

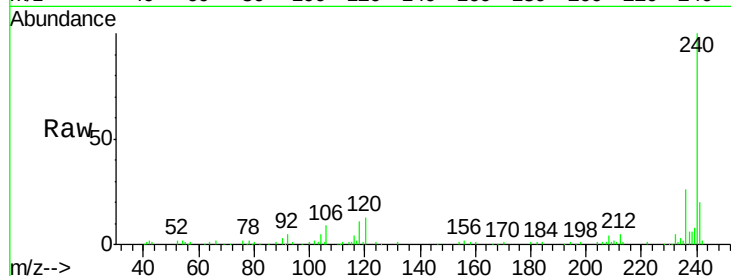
Tgt Ion:240 Resp: 140200

Ion Ratio Lower Upper

240 100

120 12.9 16.2 24.2#

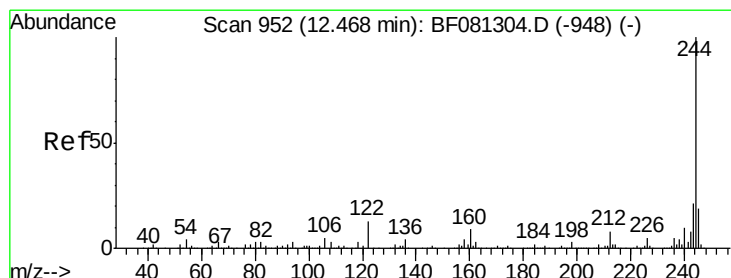
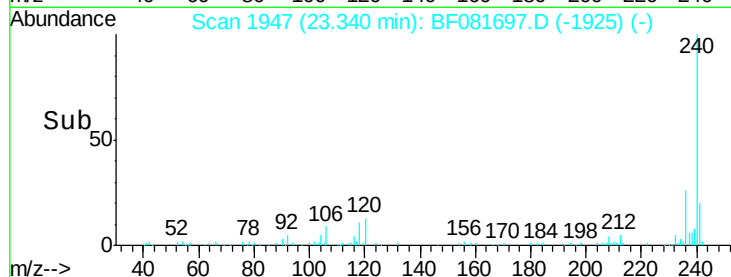
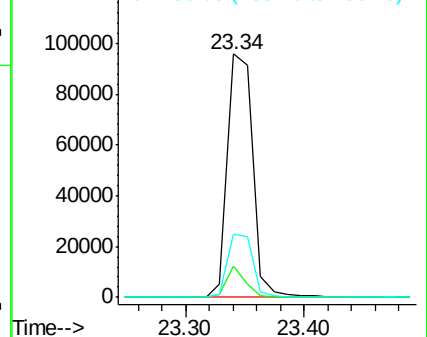
236 25.7 18.4 27.6



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: 99.86 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081697.D

Acq: 18 Sep 2015 14:57

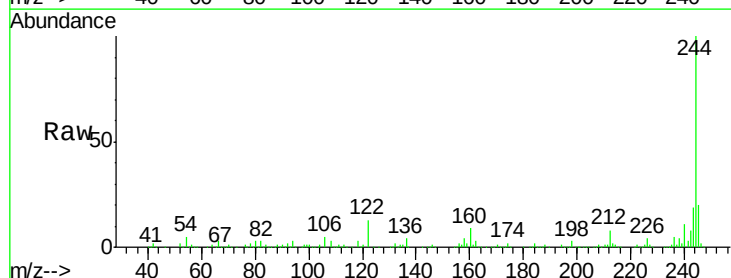
Tgt Ion:244 Resp: 601413

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

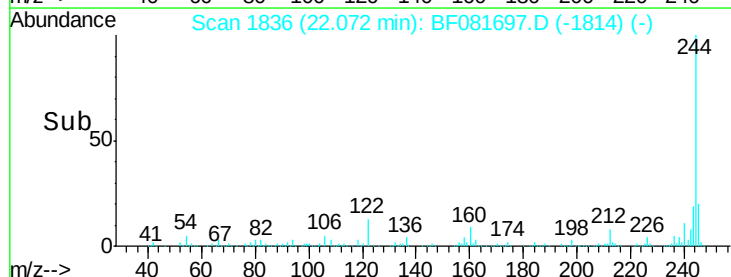
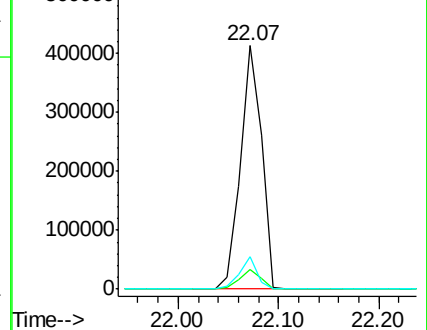
122 13.1 17.4 26.2#

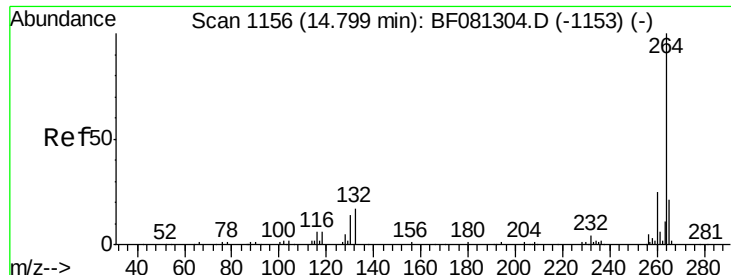


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

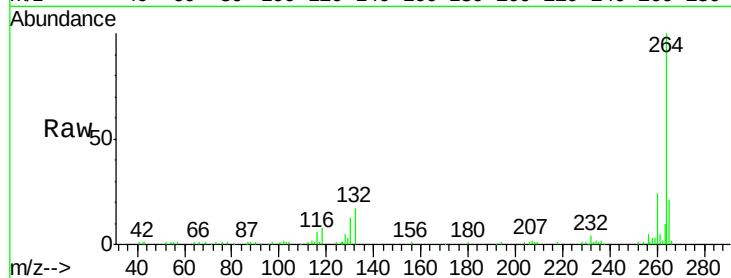




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion: 264 Resp: 94530
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 20.8 17.2 25.8



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

