

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081704.D
 Acq On : 18 Sep 2015 19:18
 Operator : UM/IZ
 Sample : G3704-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-9-15-15

Quant Time: Sep 18 23:01:50 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

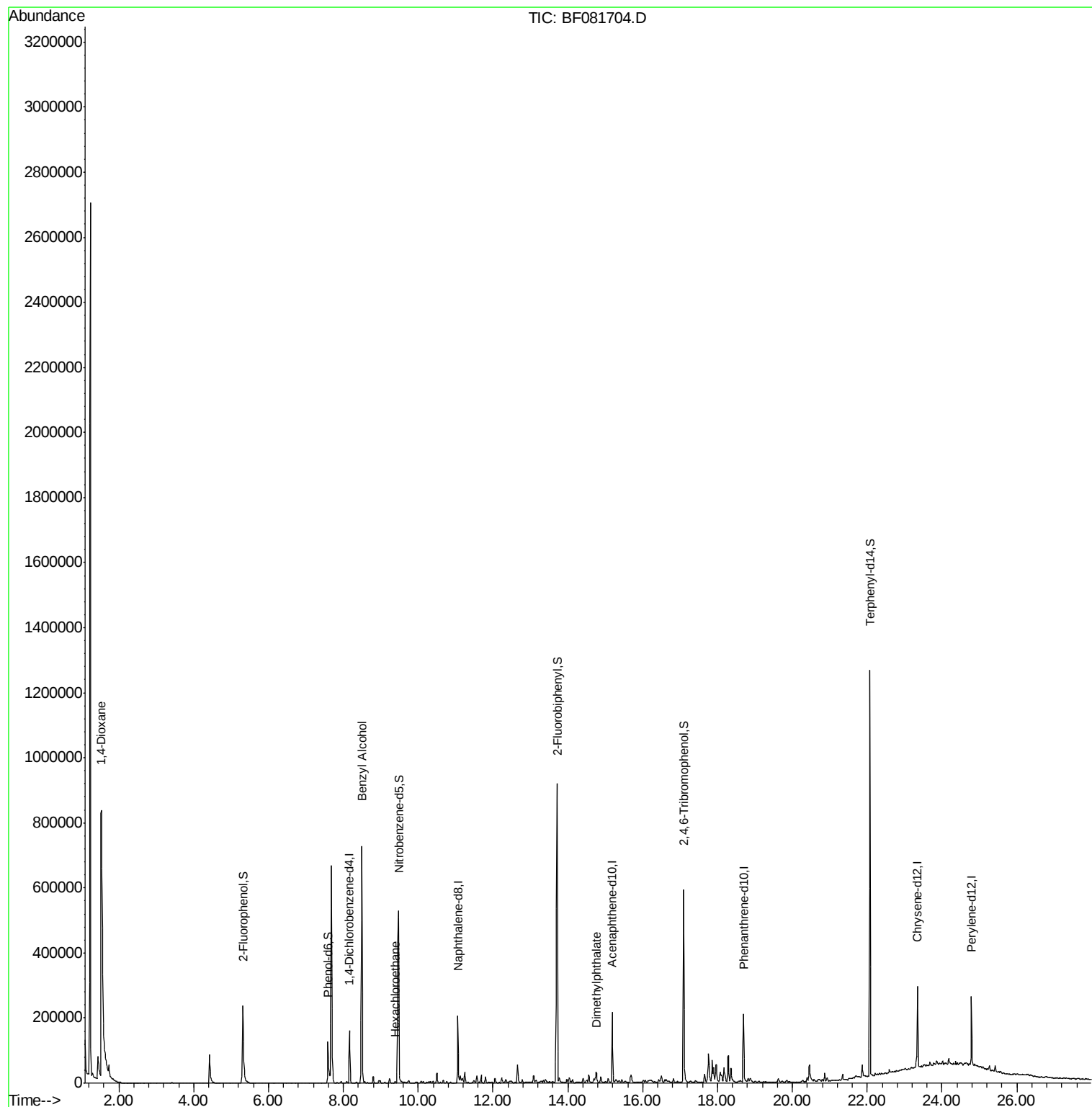
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41529	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	157956	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	73650	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	148909	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	113253	20.00	ng	-0.04
86) Perylene-d12	24.78	264	79212	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	136547	51.01	ng	-0.03
7) Phenol-d6	7.59	99	113705	32.09	ng	-0.06
23) Nitrobenzene-d5	9.48	82	363586	111.06	ng	-0.06
41) 2,4,6-Tribromophenol	17.10	330	103021	157.10	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	618326	107.59	ng	-0.06
78) Terphenyl-d14	22.07	244	484726	99.63	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.53	88	57833	48.11	ng	# 11
15) Benzyl Alcohol	8.49	79	5875	2.02	ng	# 30
18) Hexachloroethane	9.38	117	3872	3.10	ng	# 5
49) Dimethylphthalate	14.76	163	20176	3.53	ng	# 96

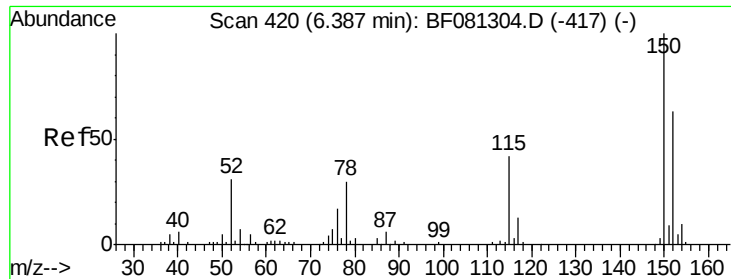
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

Instrument :

BNA_F

ClientSampled :

MW-10-9-15-15

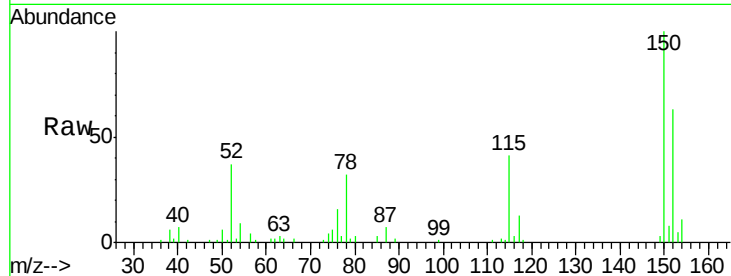
Tgt Ion:152 Resp: 41529

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

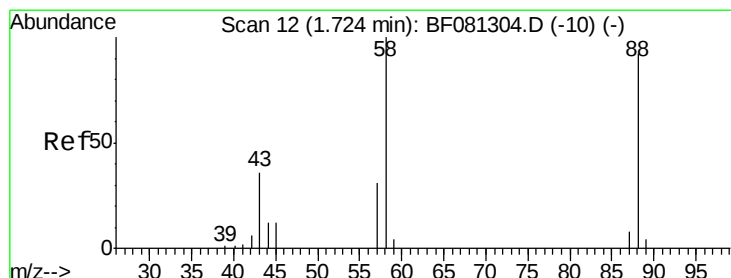
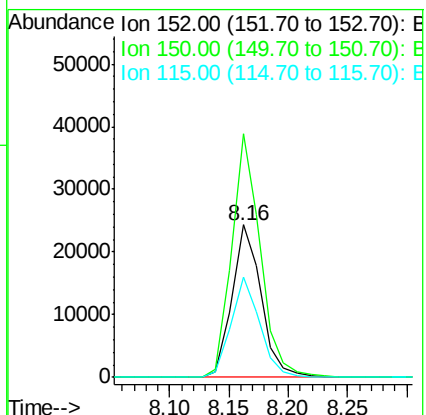
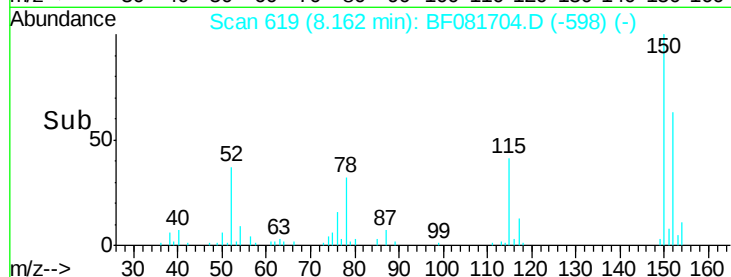
115 65.5 39.0 58.4#



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: 48.11 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

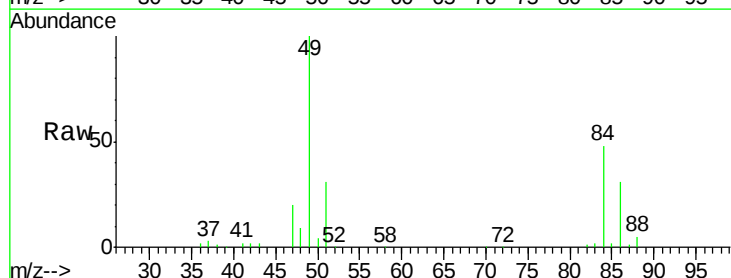
Tgt Ion: 88 Resp: 57833

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

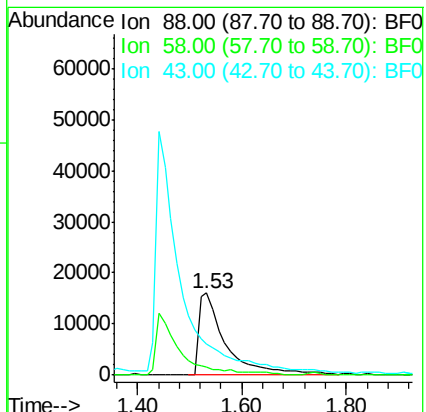
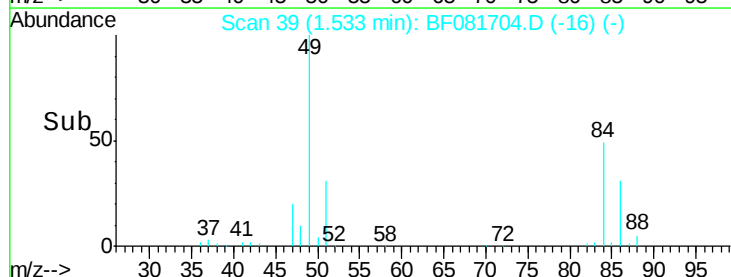
43 0.0 26.6 40.0#

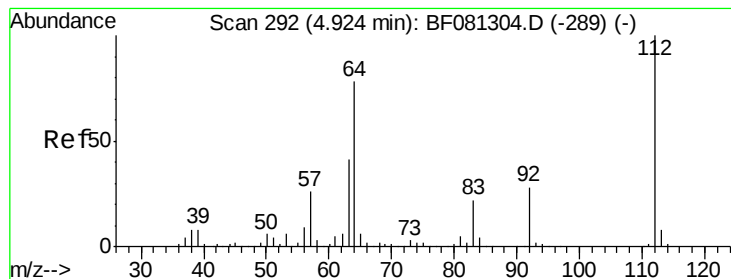


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 51.01 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

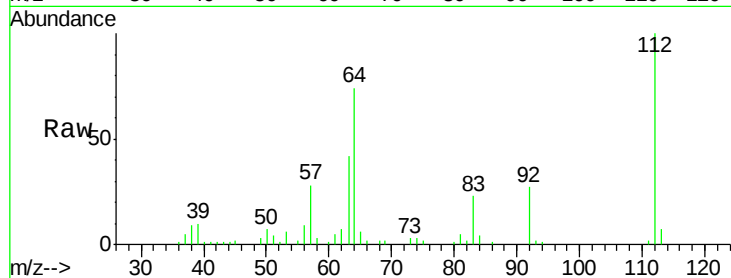
Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

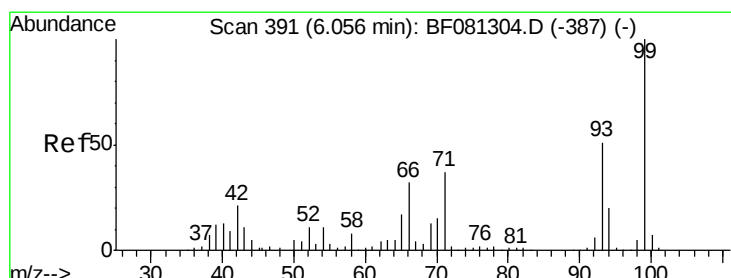
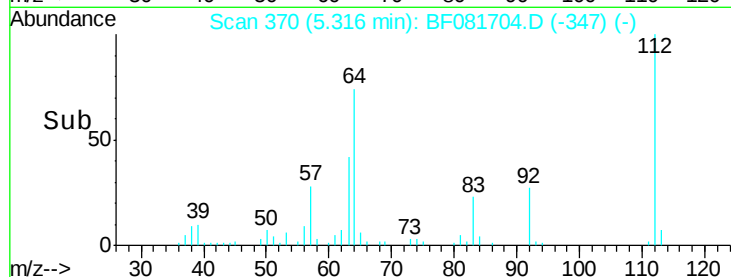
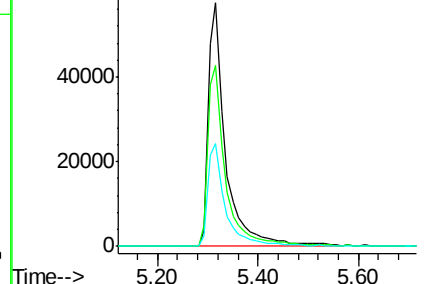
Tgt Ion:	112	Resp:	136547
Ion	Ratio	Lower	Upper
112	100		
64	74.1	39.7	59.5#
63	42.2	17.4	26.0#



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: 32.09 ng

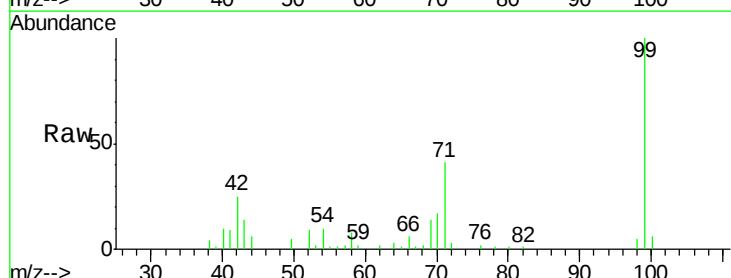
RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

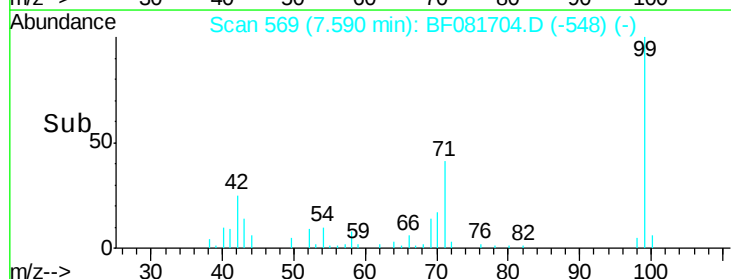
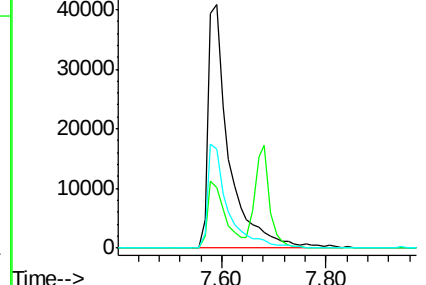
Tgt Ion:	99	Resp:	113705
Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.7	20.5#
71	40.5	14.2	21.2#

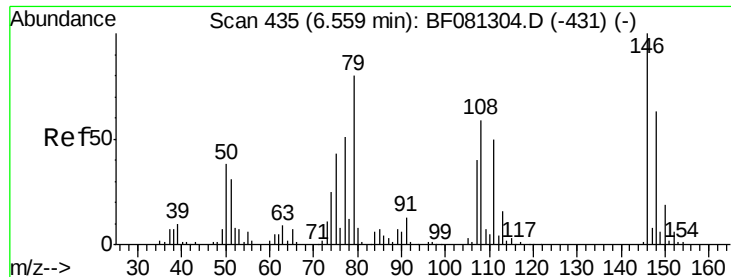


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.17 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

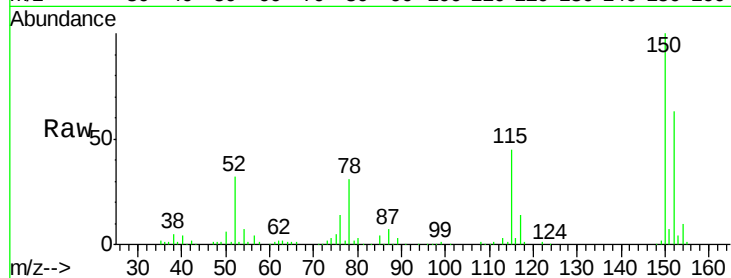
Tgt Ion: 79 Resp: 5875

Ion Ratio Lower Upper

79 100

108 27.2 88.6 132.8#

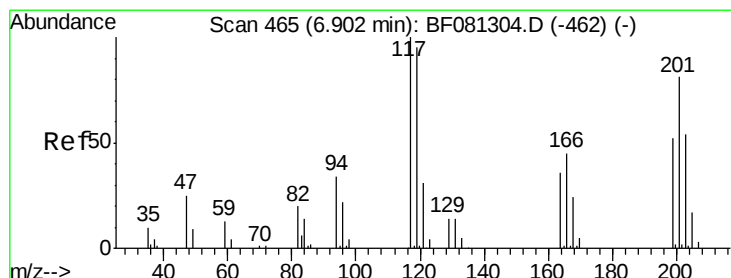
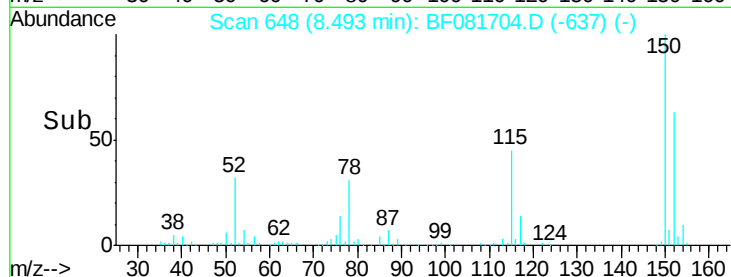
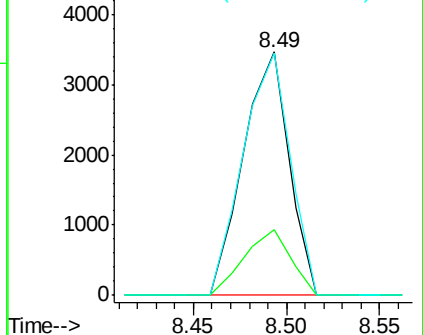
77 99.7 47.0 70.4#



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: 3.10 ng

RT: 9.38 min Scan# 726

Delta R.T. 0.07 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

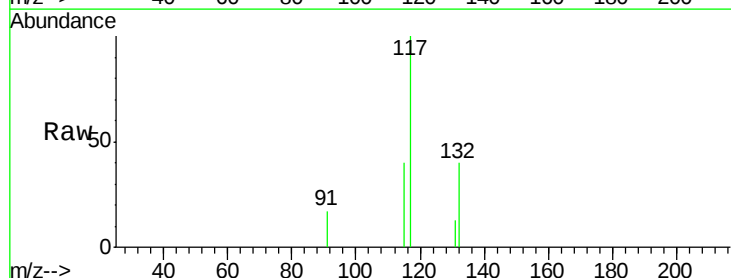
Tgt Ion: 117 Resp: 3872

Ion Ratio Lower Upper

117 100

119 0.0 83.8 125.6#

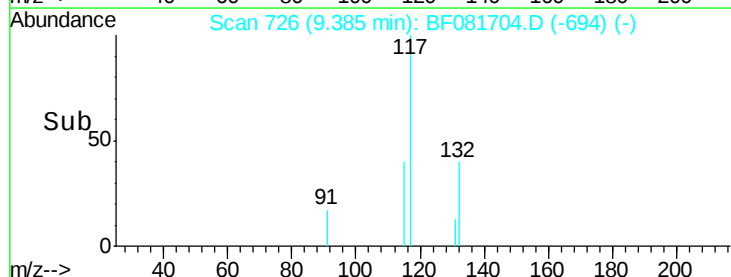
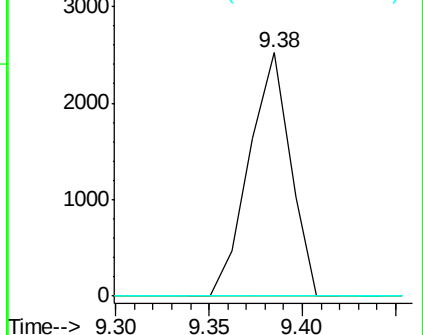
201 0.0 55.1 82.7#

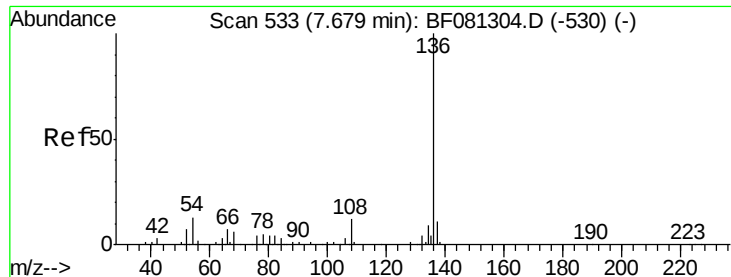


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

Tgt Ion:136 Resp: 157956

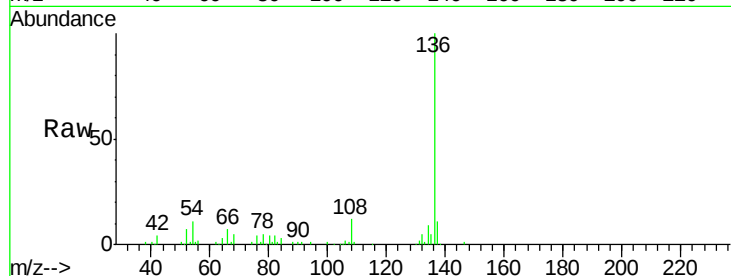
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.3 8.2 12.2

68 4.5 5.8 8.6#

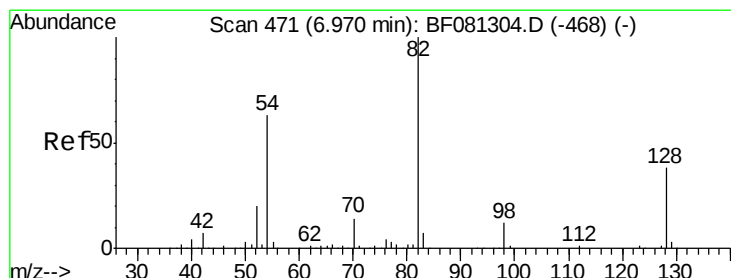
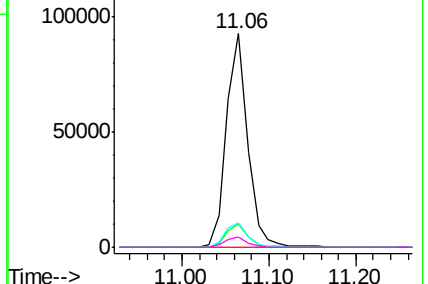
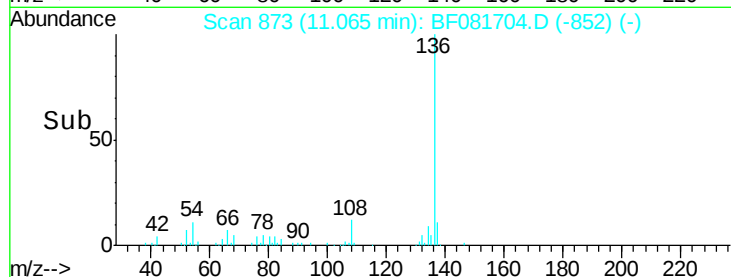


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.06 ng

RT: 9.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

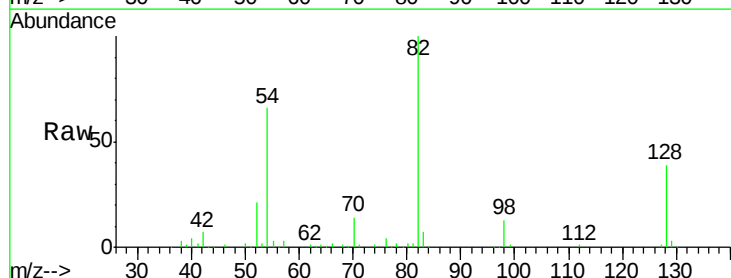
Tgt Ion: 82 Resp: 363586

Ion Ratio Lower Upper

82 100

128 39.1 51.0 76.6#

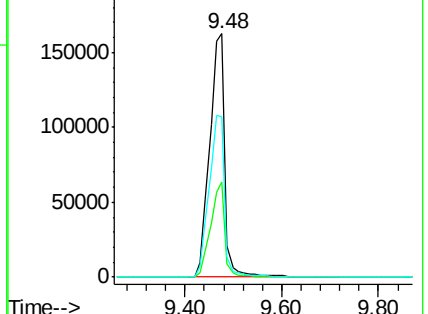
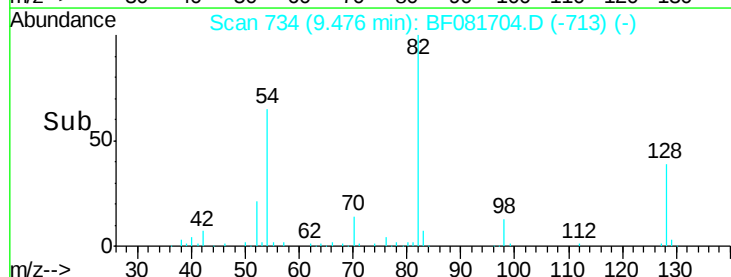
54 66.0 47.5 71.3

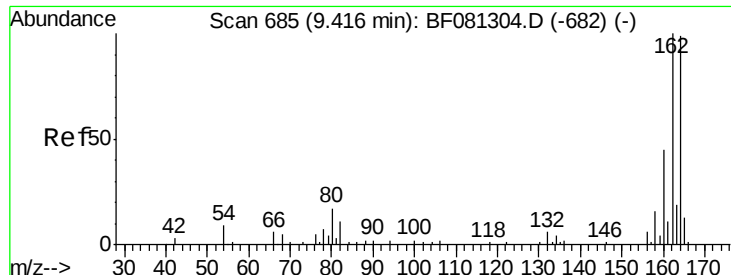


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

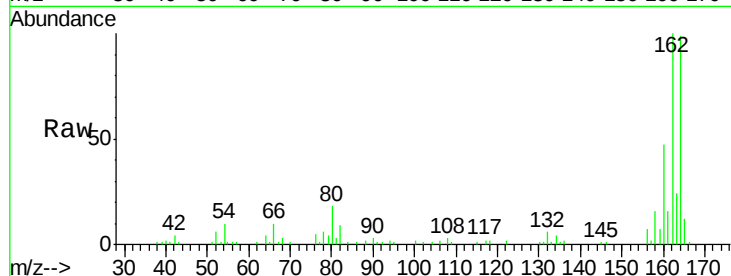
Tgt Ion:164 Resp: 73650

Ion Ratio Lower Upper

164 100

162 100.9 75.2 112.8

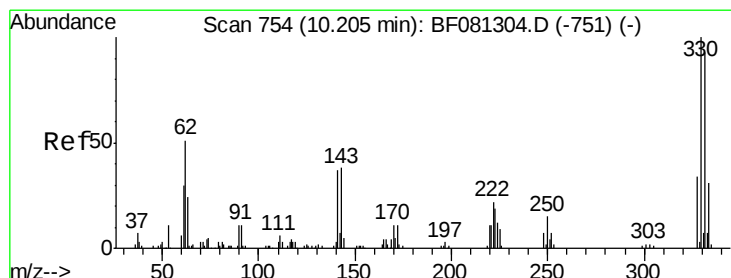
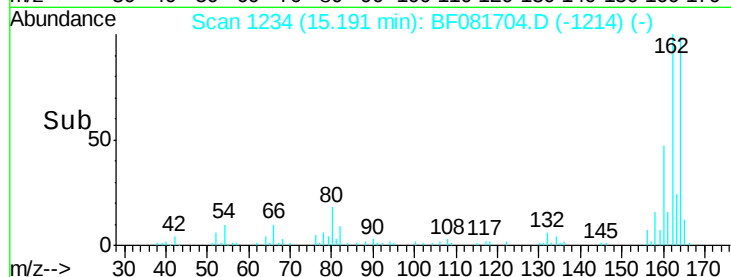
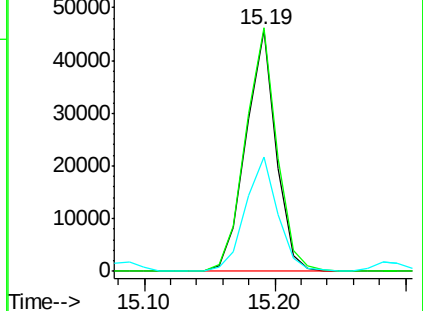
160 47.2 31.5 47.3



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: 157.10 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

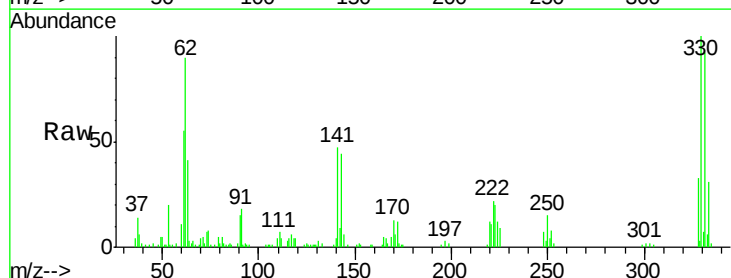
Tgt Ion:330 Resp: 103021

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

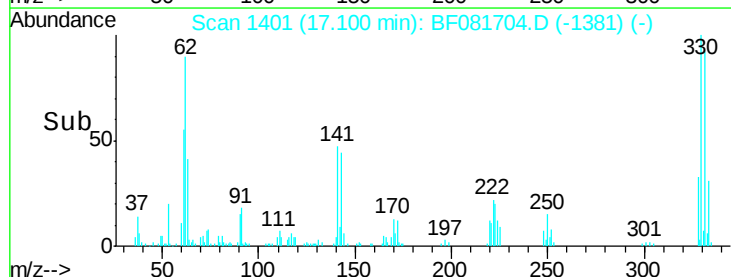
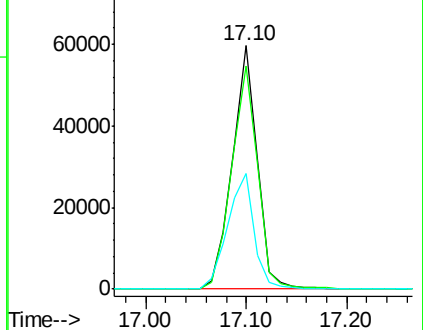
141 50.3 29.7 44.5#

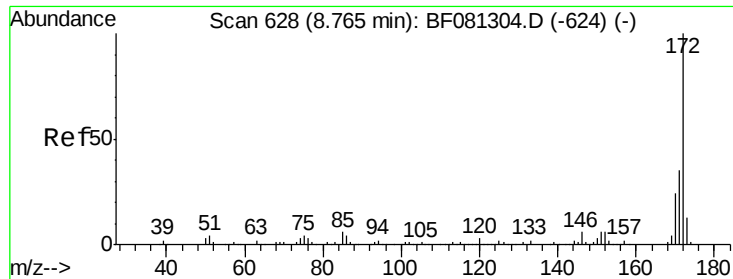


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

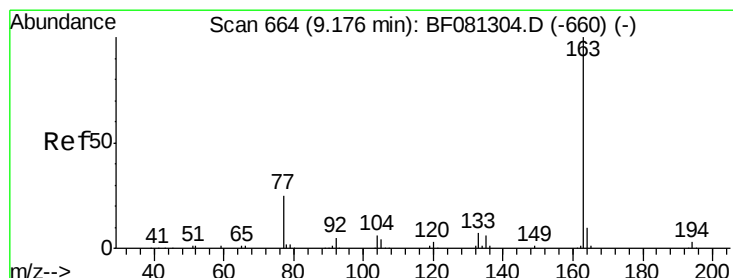
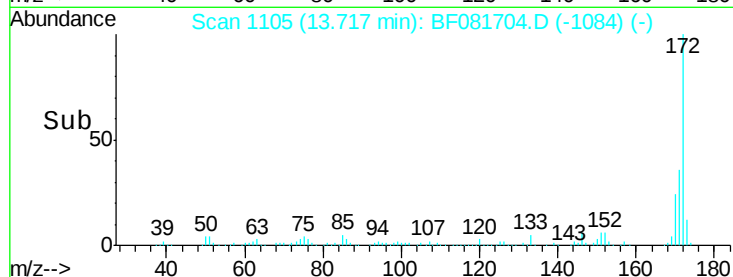
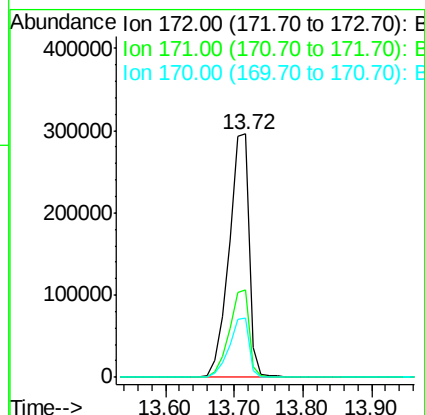
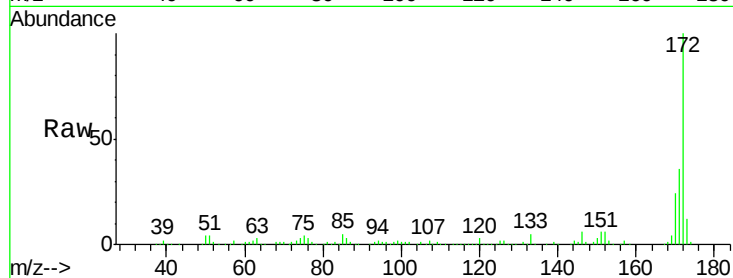




#44
2-Fluorobiphenyl
Concen: 107.59 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.06 min
Lab File: BF081704.D
Acq: 18 Sep 2015 19:18

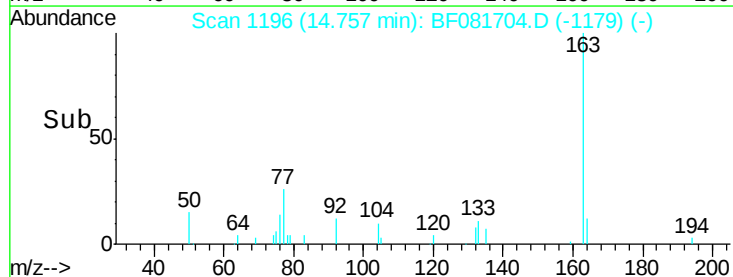
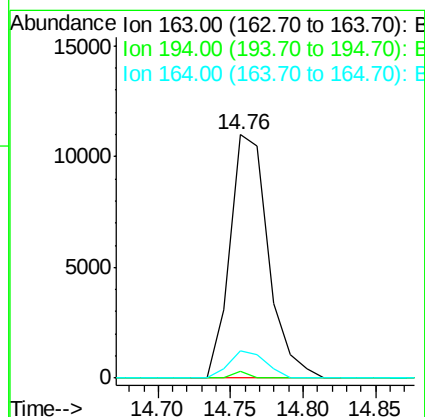
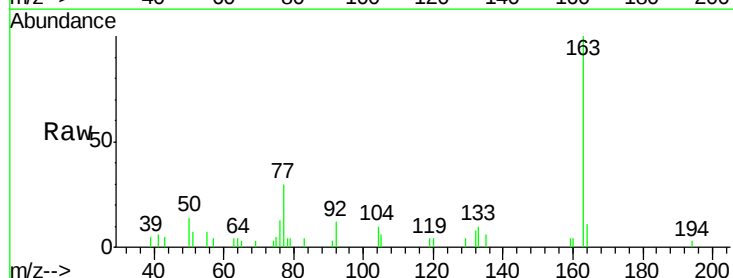
Instrument :
BNA_F
ClientSampleId :
MW-10-9-15-15

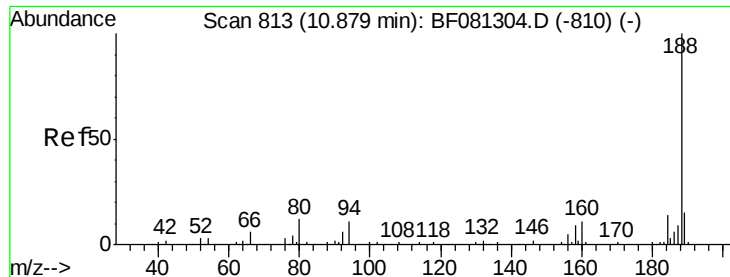
Tgt Ion:172 Resp: 618326
Ion Ratio Lower Upper
172 100
171 35.7 26.1 39.1
170 24.5 17.4 26.2



#49
Dimethylphthalate
Concen: 3.53 ng
RT: 14.76 min Scan# 1196
Delta R.T. -0.10 min
Lab File: BF081704.D
Acq: 18 Sep 2015 19:18

Tgt Ion:163 Resp: 20176
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 11.1 8.3 12.5

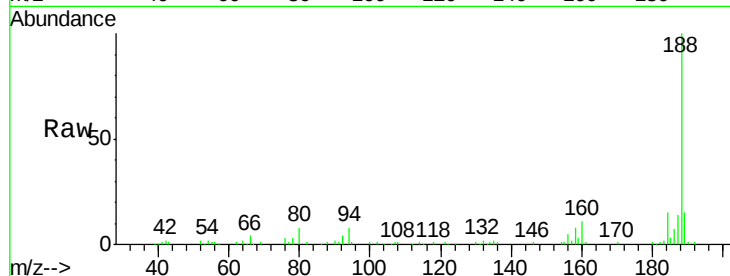




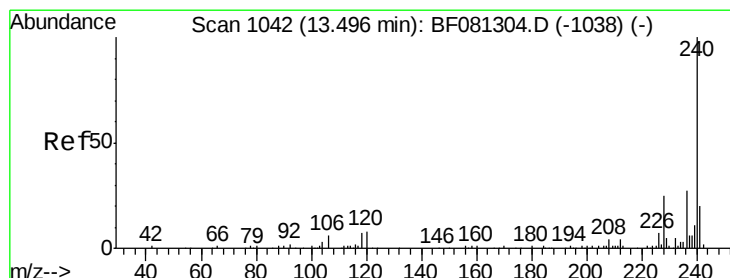
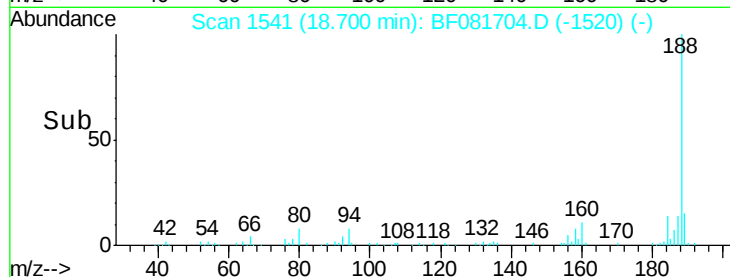
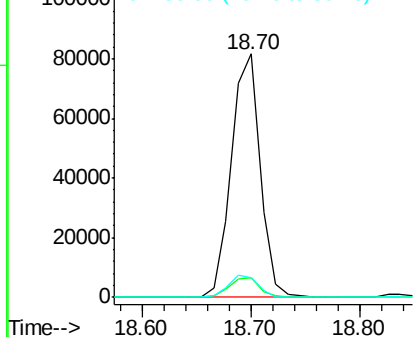
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081704.D
Acq: 18 Sep 2015 19:18

Instrument :
BNA_F
ClientSampleId :
MW-10-9-15-15

Tgt Ion:188 Resp: 148909
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 8.0 11.0 16.4#

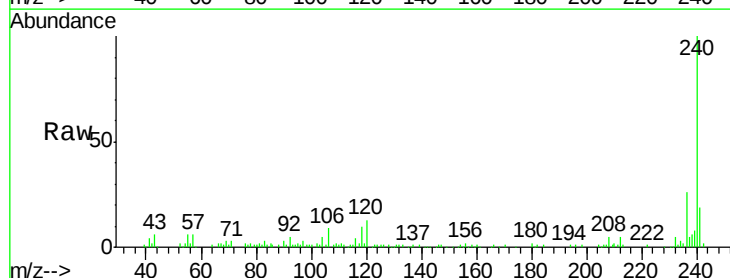


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

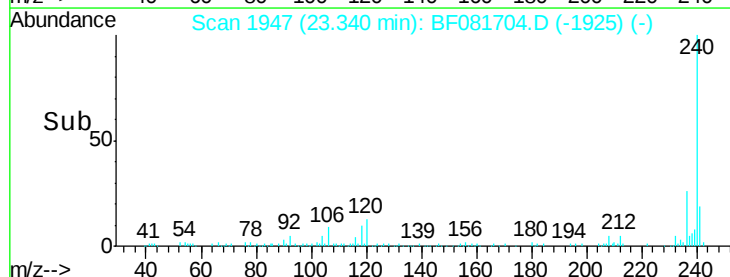
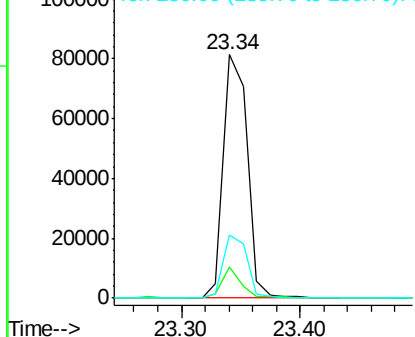


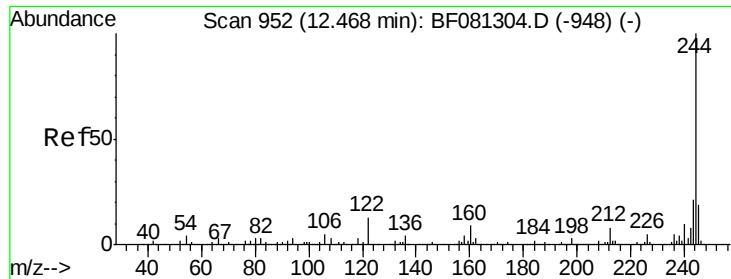
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081704.D
Acq: 18 Sep 2015 19:18

Tgt Ion:240 Resp: 113253
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 26.0 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: 99.63 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

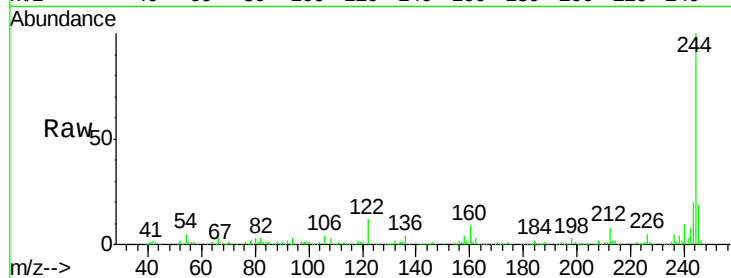
Tgt Ion:244 Resp: 484726

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

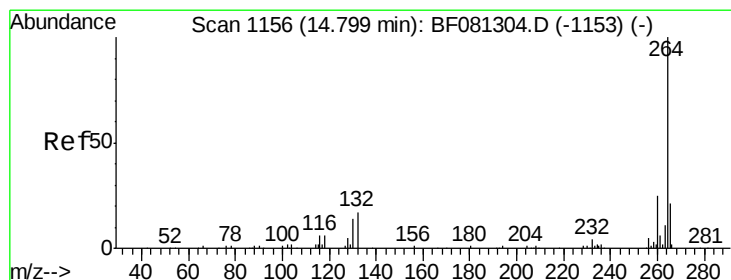
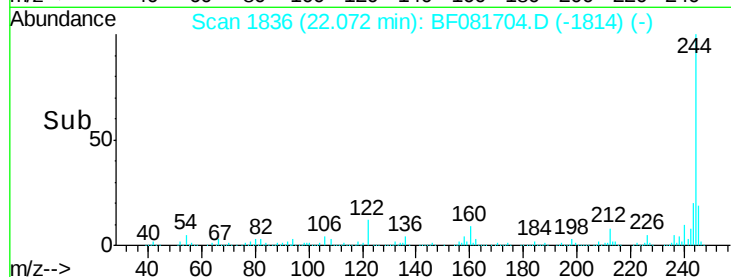
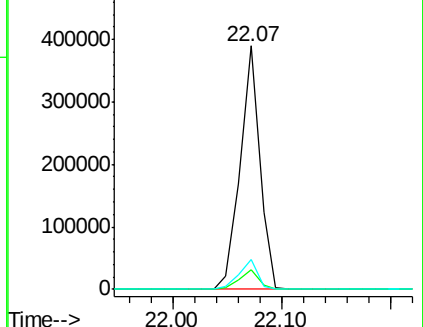
122 12.4 17.4 26.2#



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: BF081704.D

Acq: 18 Sep 2015 19:18

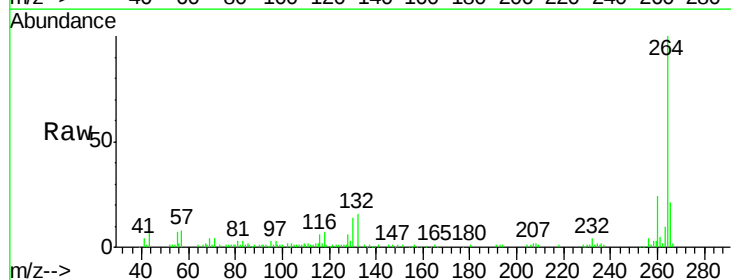
Tgt Ion:264 Resp: 79212

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 21.4 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

