

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 19 01:31:04 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

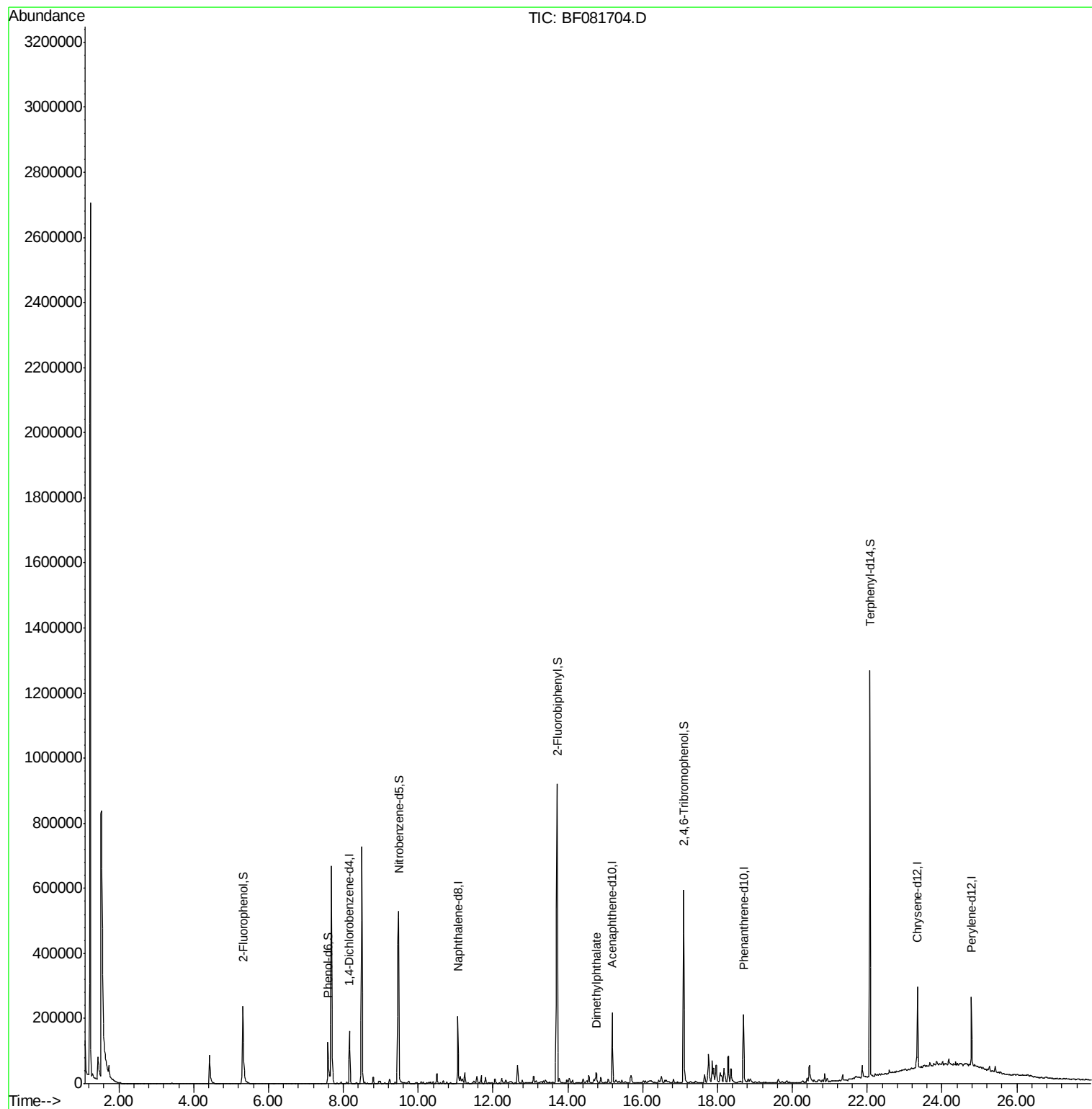
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41529	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	157956	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	73650	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	148909	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	113253	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						
49) Dimethylphthalate	14.76	163	20176	3.53	ng	Qvalue # 96

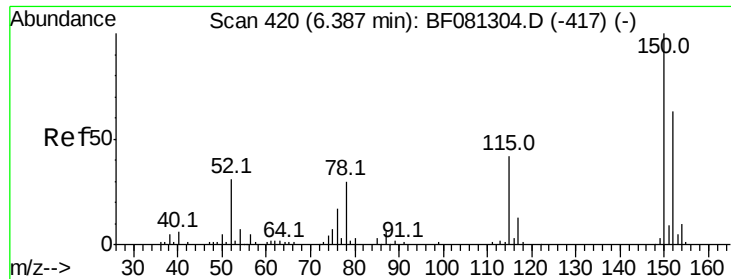
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081704.D

Acq: 18 Sep 2015 19:18

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

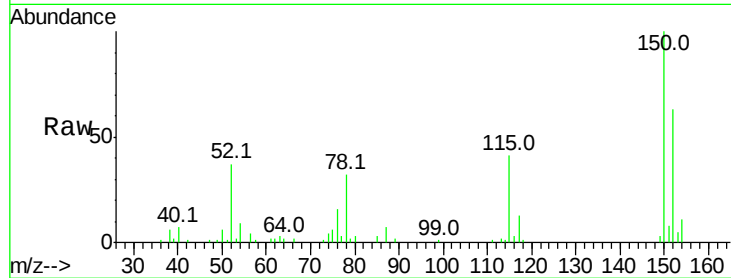
Tgt Ion:152 Resp: 41529

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

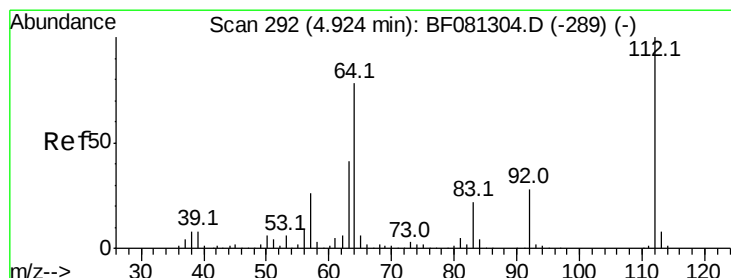
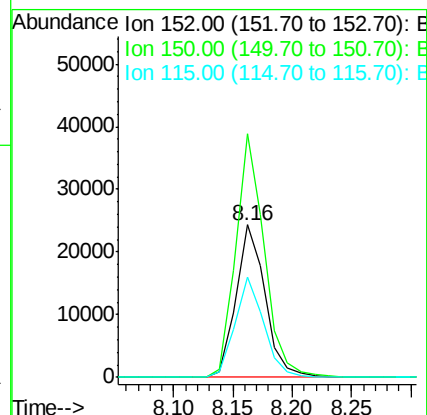
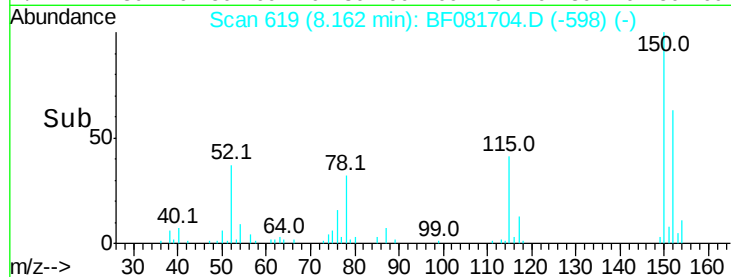
115 65.5 39.0 58.4#



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



#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

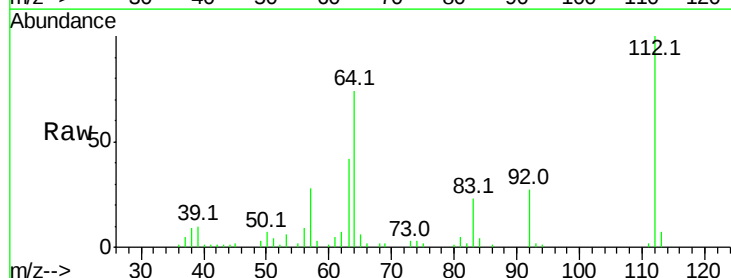
Tgt Ion:112 Resp: 136547

Ion Ratio Lower Upper

112 100

64 74.1 39.7 59.5#

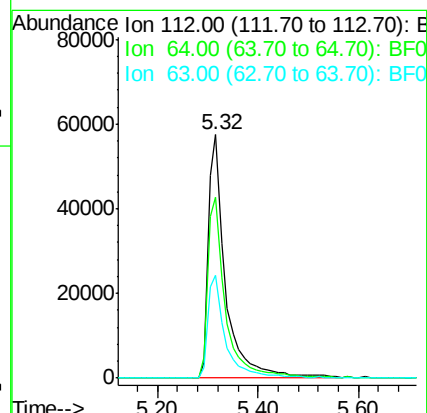
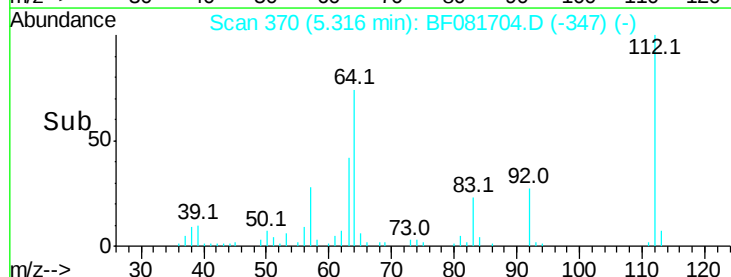
63 42.2 17.4 26.0#

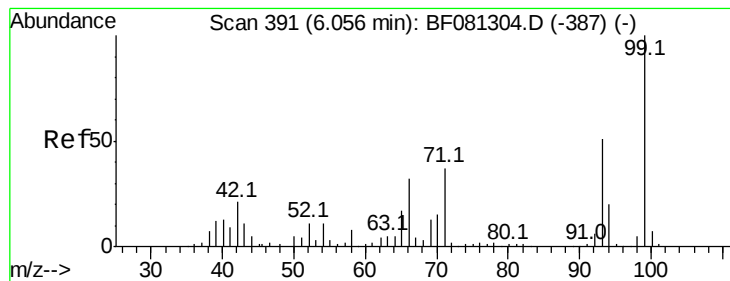


Abundance Ion 112.00 (111.70 to 112.70): E

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

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

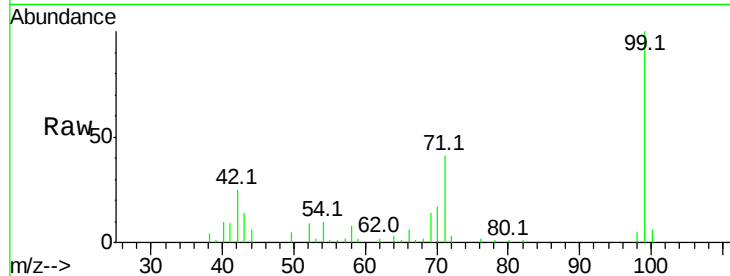
Tgt Ion: 99 Resp: 113705

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

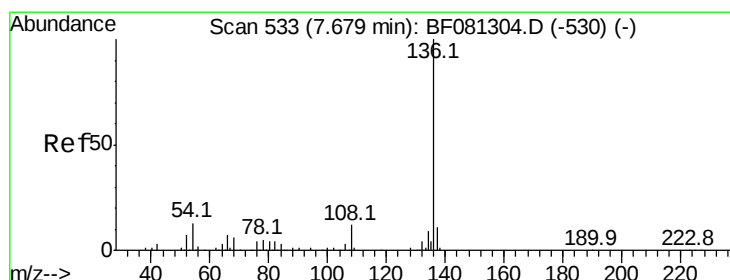
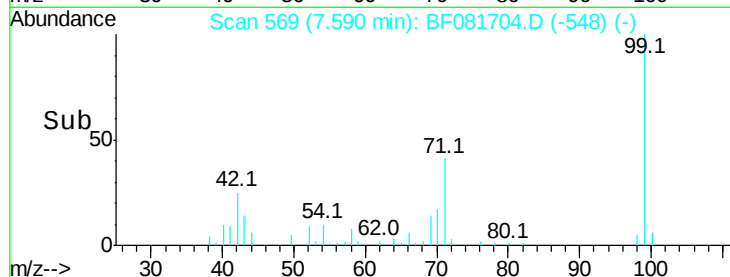
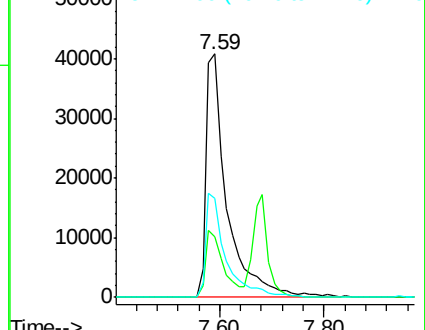
71 40.5 14.2 21.2#



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



#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

Tgt Ion: 136 Resp: 157956

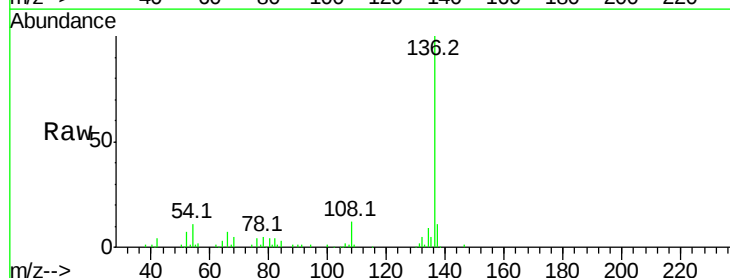
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.3 8.2 12.2

68 4.5 5.8 8.6#

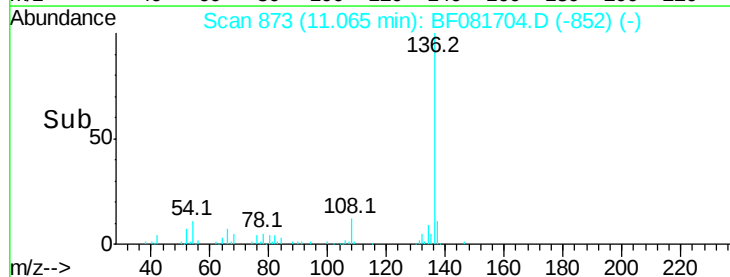
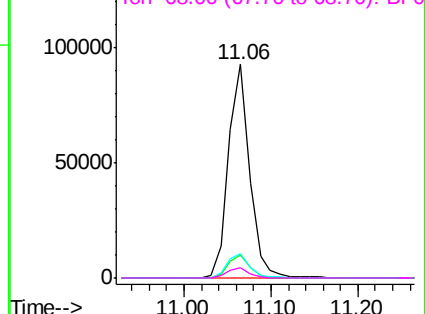


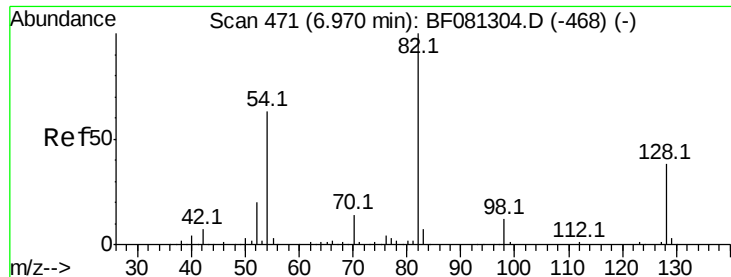
Abundance Ion 136.00 (135.70 to 136.70): E

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

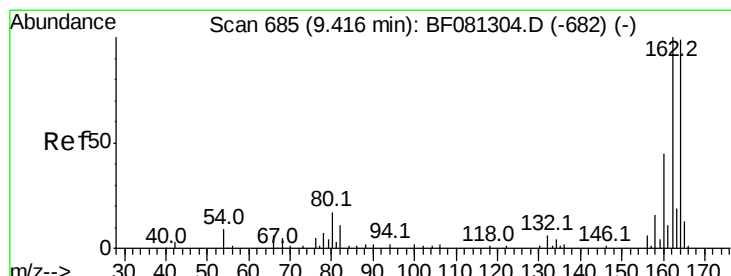
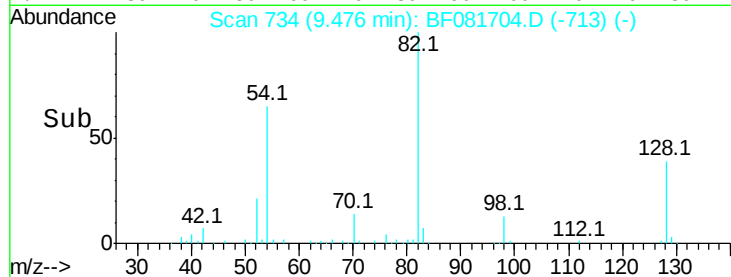
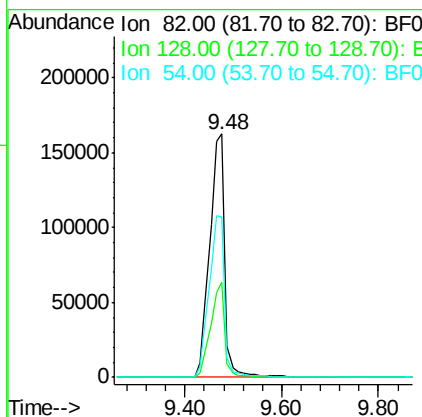
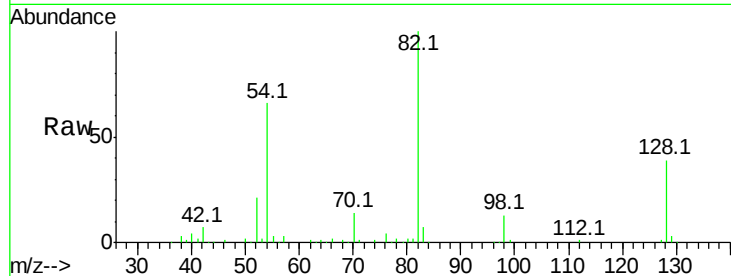




#23
 Nitrobenzene-d5
 Concen: 111.06 ng
 RT: 9.48 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF081704.D
 Acq: 18 Sep 2015 19:18

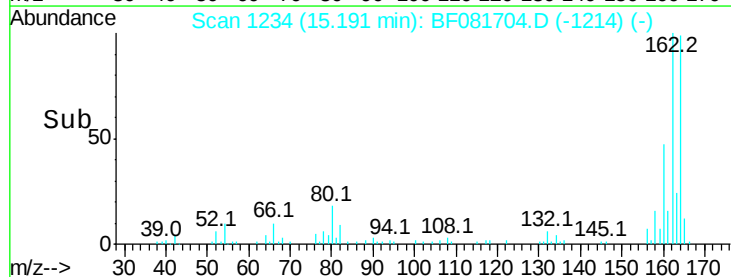
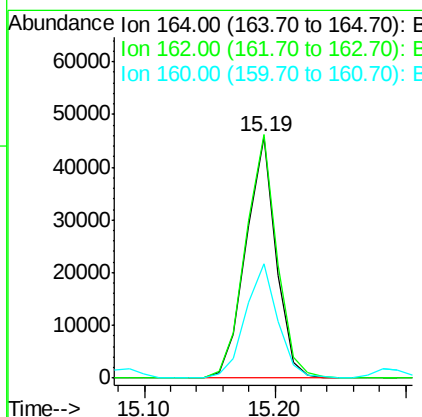
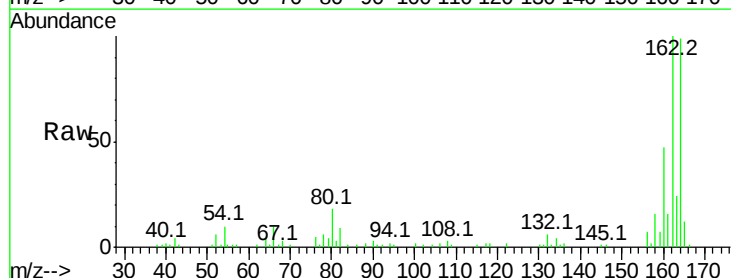
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-9-15-15

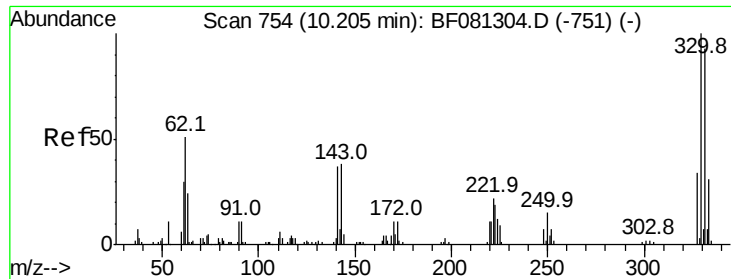
Tgt Ion: 82 Resp: 363586
 Ion Ratio Lower Upper
 82 100
 128 39.1 51.0 76.6#
 54 66.0 47.5 71.3



#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

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

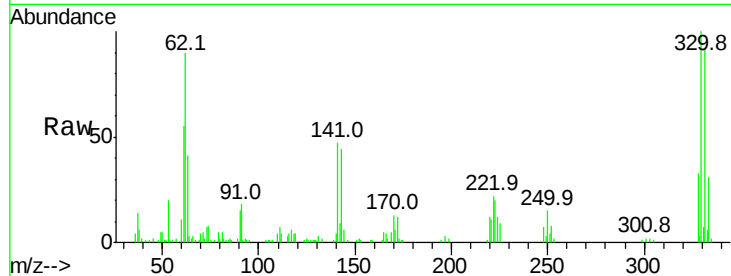




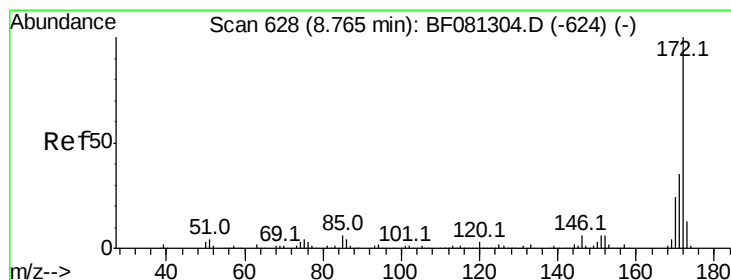
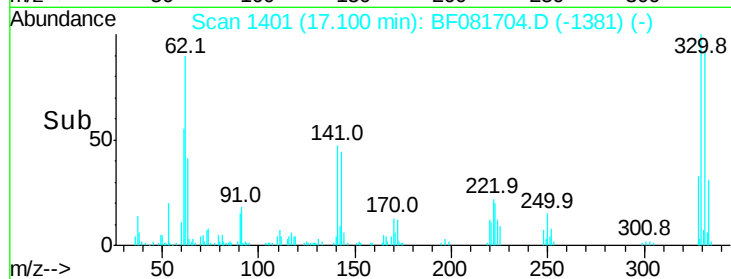
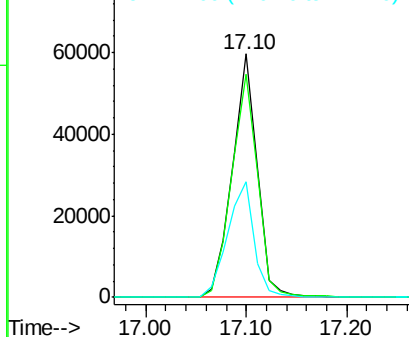
#41
 2,4,6-Tribromophenol
 Concen: 157.10 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081704.D
 Acq: 18 Sep 2015 19:18

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	50.3	29.7	44.5#

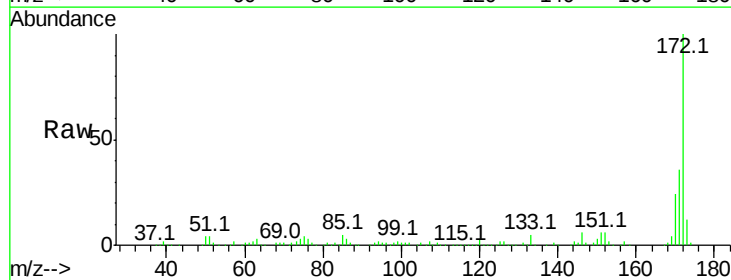


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

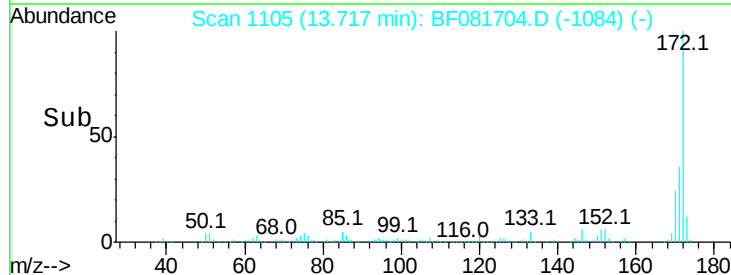
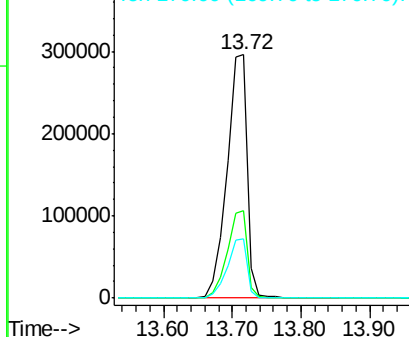


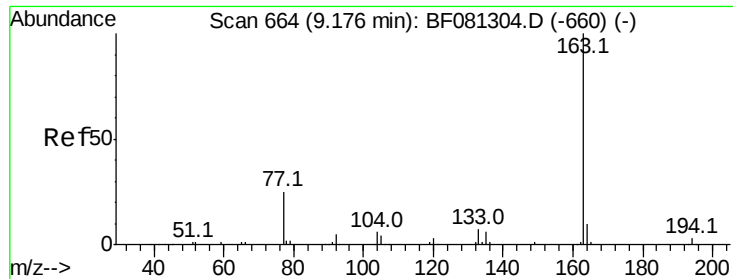
#44
 2-Fluorobiphenyl
 Concen: 107.59 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081704.D
 Acq: 18 Sep 2015 19:18

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#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

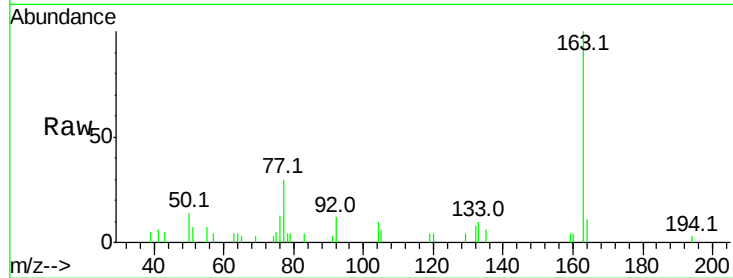
Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

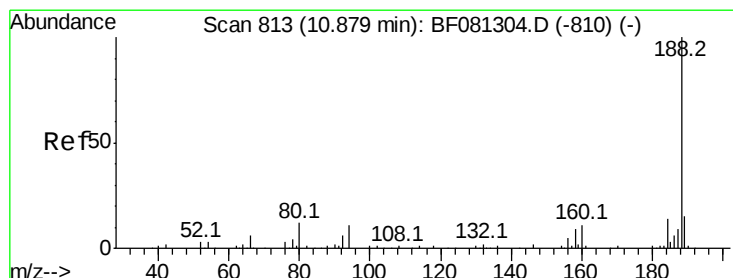
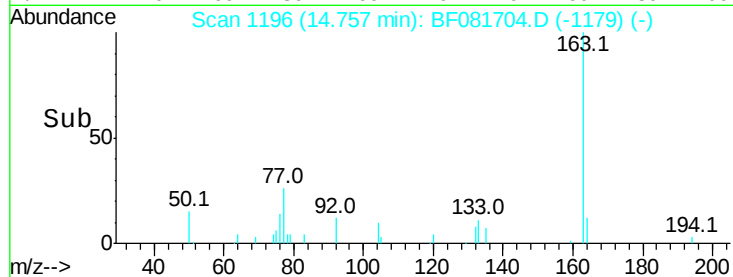
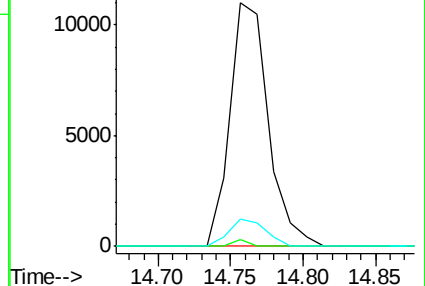
Tgt Ion:	163	Resp:	20176
Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	11.1	8.3	12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

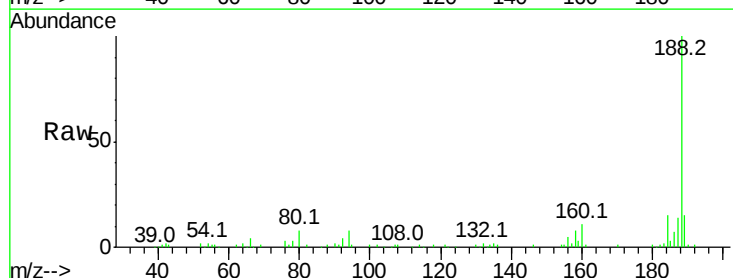
RT: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081704.D

Acq: 18 Sep 2015 19:18

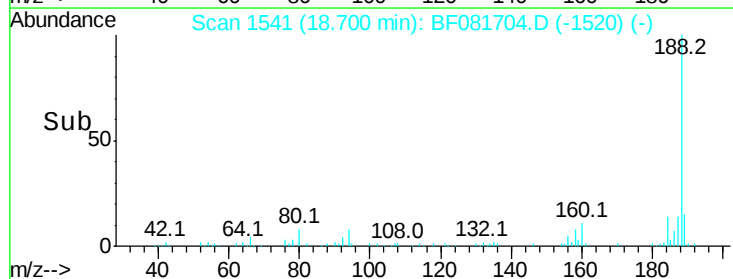
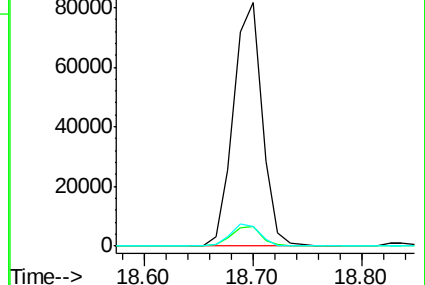
Tgt Ion:	188	Resp:	148909
Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	8.0	11.0	16.4#

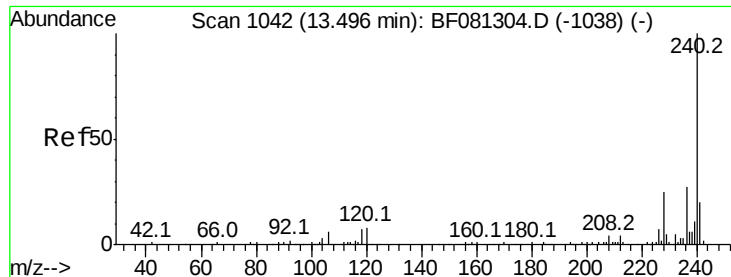


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

MW-10-9-15-15

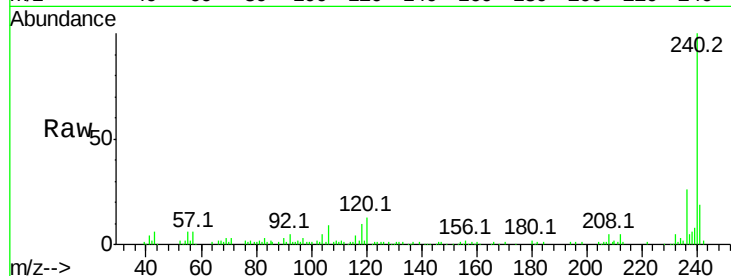
Tgt Ion:240 Resp: 113253

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

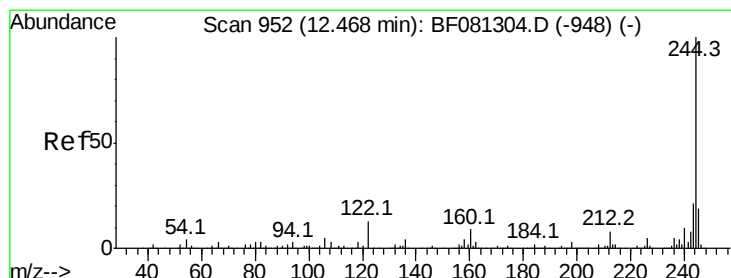
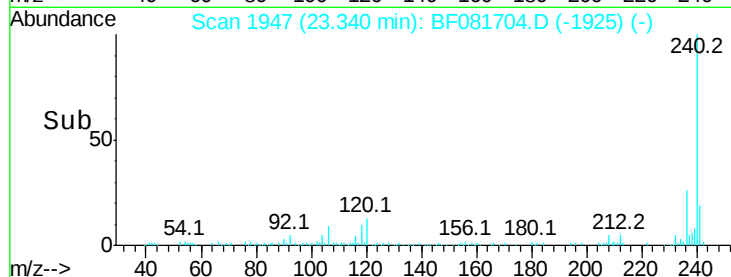
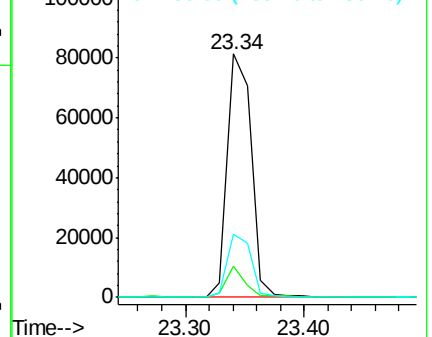
236 26.0 18.4 27.6



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

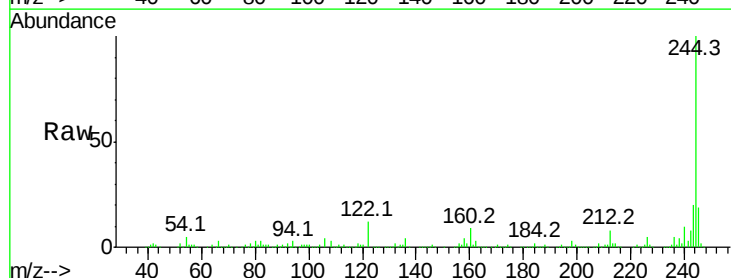
Tgt Ion:244 Resp: 484726

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

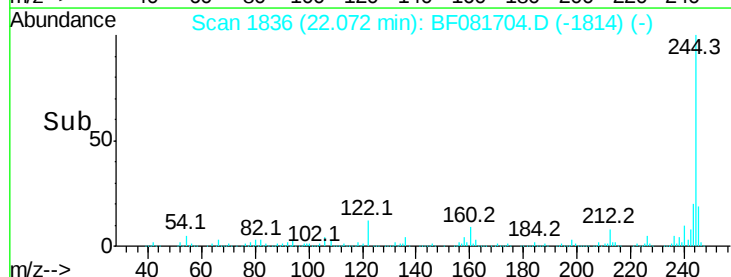
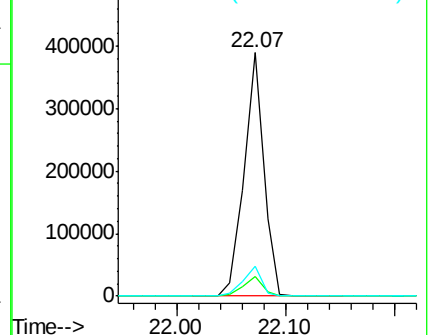
122 12.4 17.4 26.2#

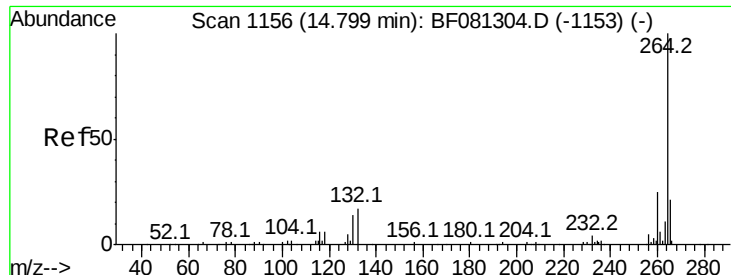


Abundance Ion 244.00 (243.70 to 244.70): E

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

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

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

