

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082136.D
 Acq On : 8 Oct 2015 19:40
 Operator : UM/IZ
 Sample : G3960-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 09 06:34:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

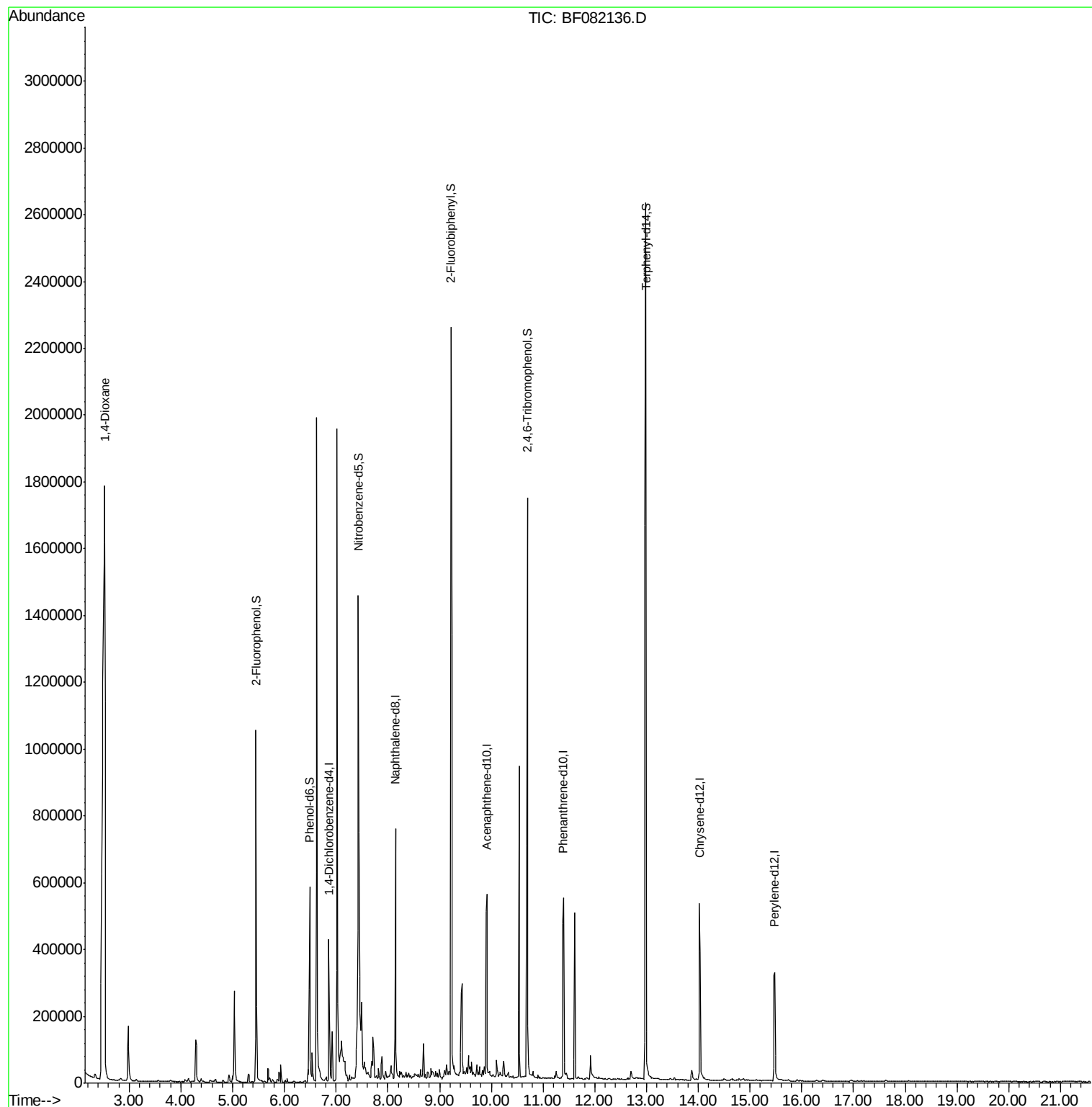
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83314	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	340522	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	165496	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	325457	20.00	ng	0.00
75) Chrysene-d12	14.02	240	295749	20.00	ng	-0.02
86) Perylene-d12	15.48	264	220418	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	298931	65.13	ng	0.00
7) Phenol-d6	6.49	99	258680	44.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	464859	91.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	233289	139.19	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	973623	102.50	ng	-0.01
78) Terphenyl-d14	12.98	244	1118061	157.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.53	88	2238834	1121.71	ng	Qvalue 84

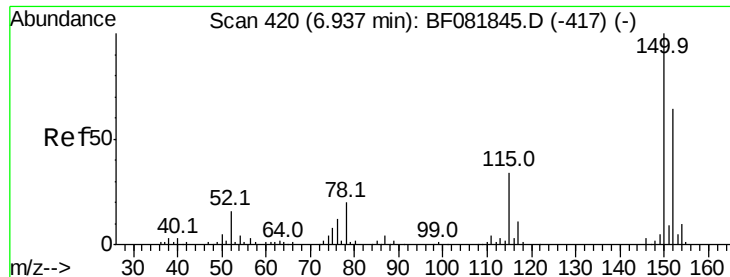
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

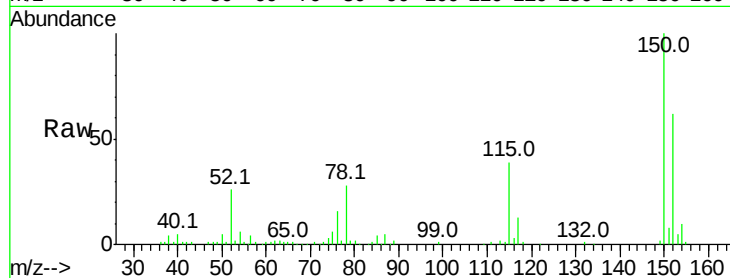
Tot Ion:152 Resp: 83314

Ion Ratio Lower Upper

152 100

150 161.4 124.7 187.1

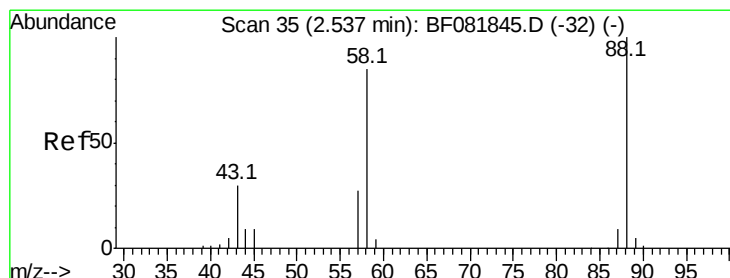
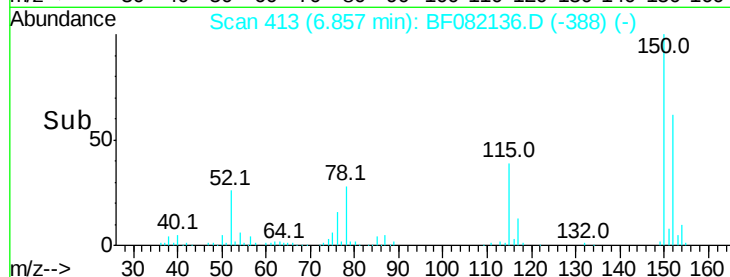
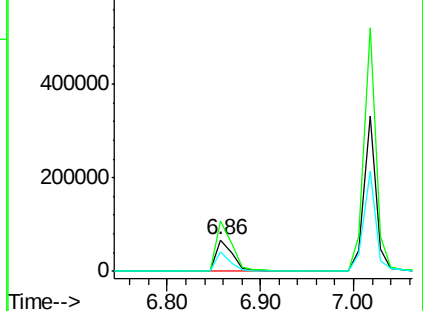
115 63.3 39.0 58.4#



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: 1121.71 ng

RT: 2.53 min Scan# 34

Delta R.T. 0.10 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

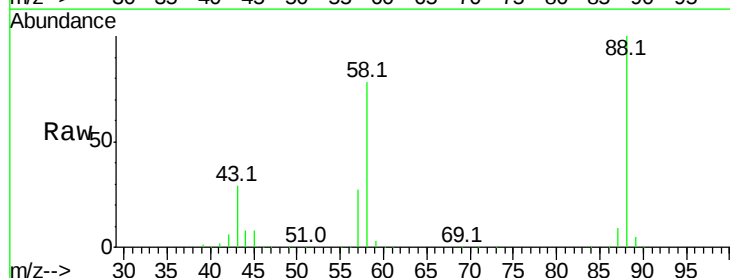
Tgt Ion: 88 Resp: 2238834

Ion Ratio Lower Upper

88 100

58 79.2 77.7 116.5

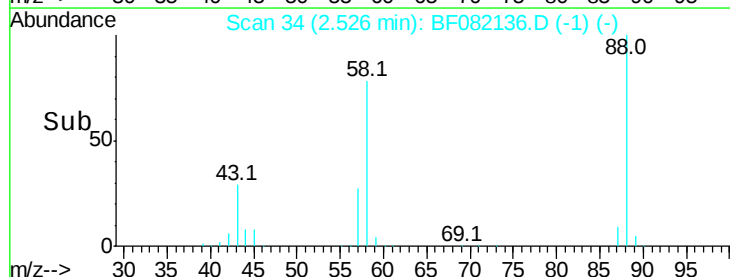
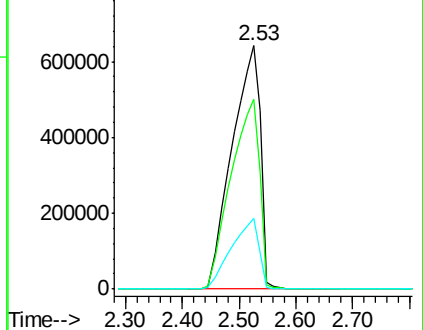
43 28.2 26.6 40.0

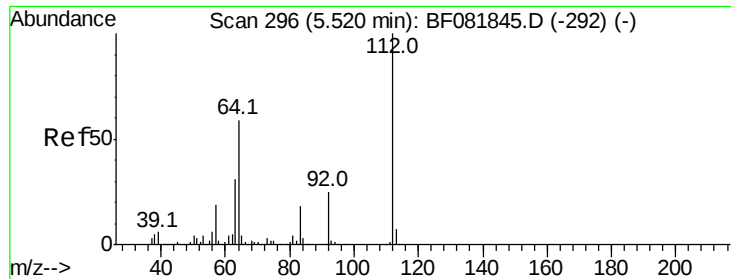


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 65.13 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

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ClientSampleId :

MW-1

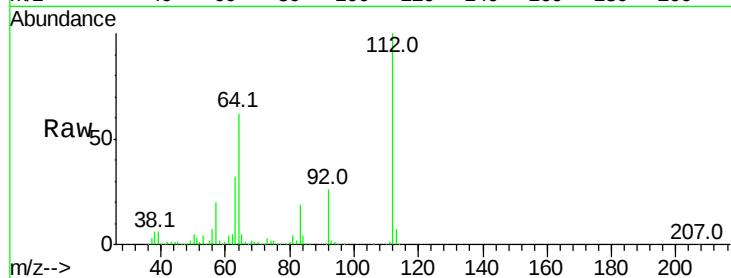
Tot Ion:112 Resp: 298931

Ion Ratio Lower Upper

112 100

64 62.4 39.7 59.5#

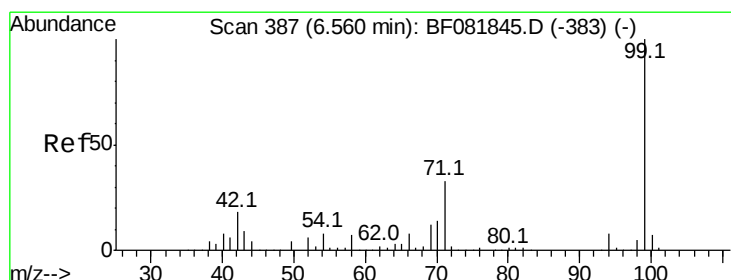
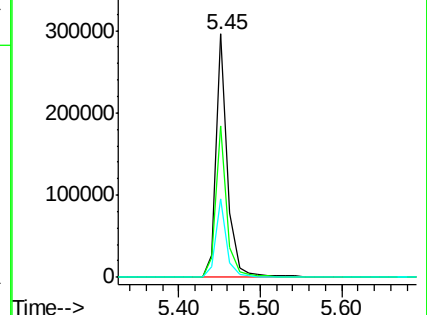
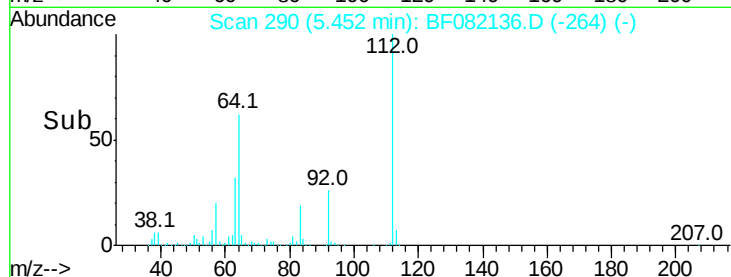
63 32.4 17.4 26.0#



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: 44.79 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

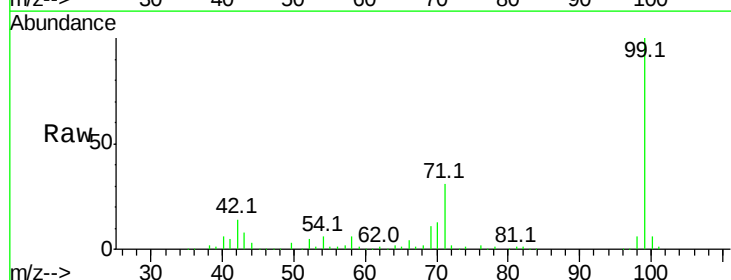
Tgt Ion: 99 Resp: 258680

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

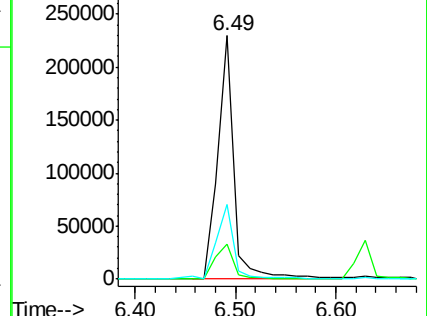
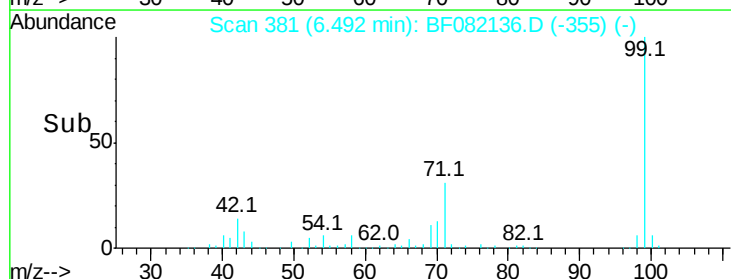
71 30.9 14.2 21.2#

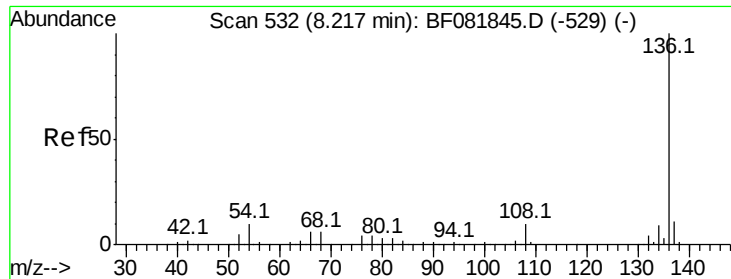


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

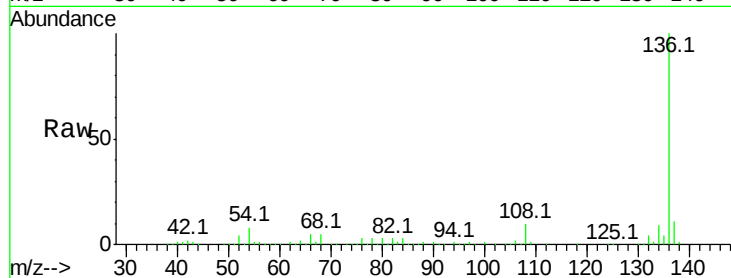




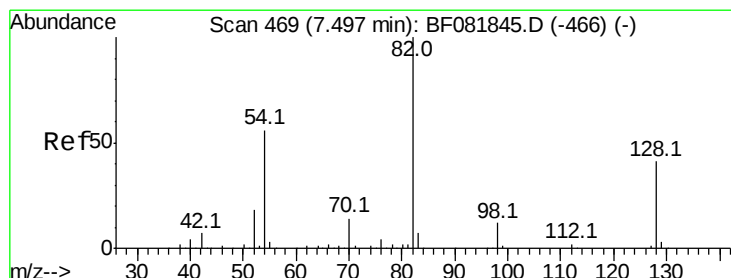
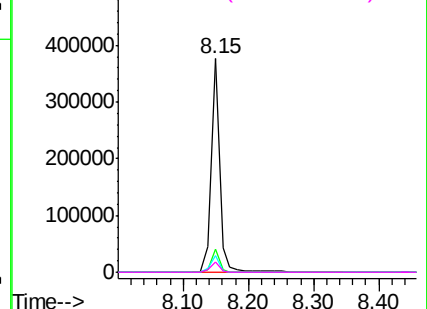
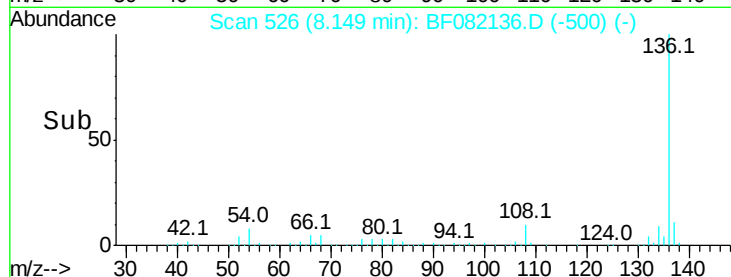
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082136.D
Acq: 8 Oct 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:	136	Resp:	340522
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.7	8.2	12.2#
68	5.0	5.8	8.6#

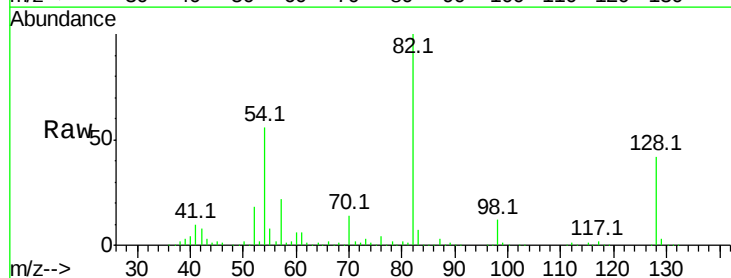


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

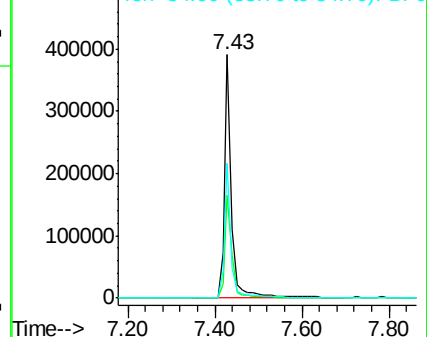
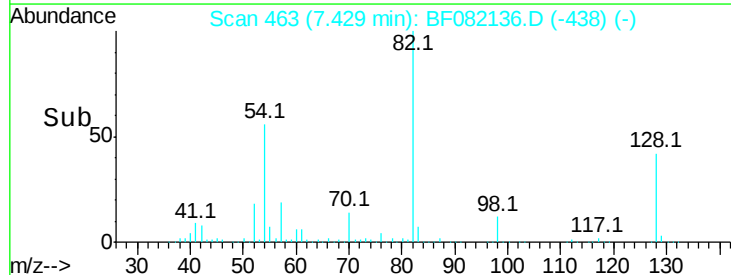


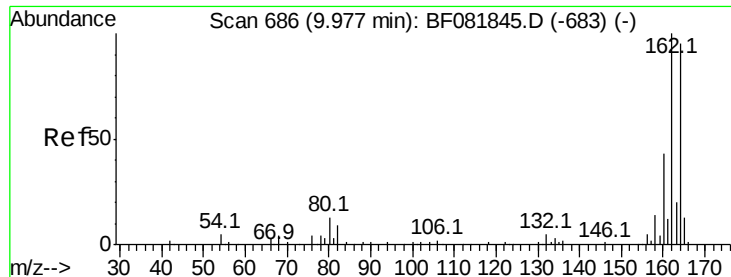
#23
Nitrobenzene-d5
Concen: 91.00 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082136.D
Acq: 8 Oct 2015 19:40

Tgt Ion:	82	Resp:	464859
Ion	Ratio	Lower	Upper
82	100		
128	42.3	51.0	76.6#
54	55.6	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: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

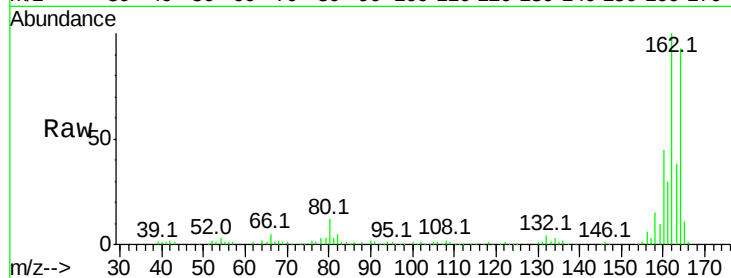
Tot Ion:164 Resp: 165496

Ion Ratio Lower Upper

164 100

162 107.4 75.2 112.8

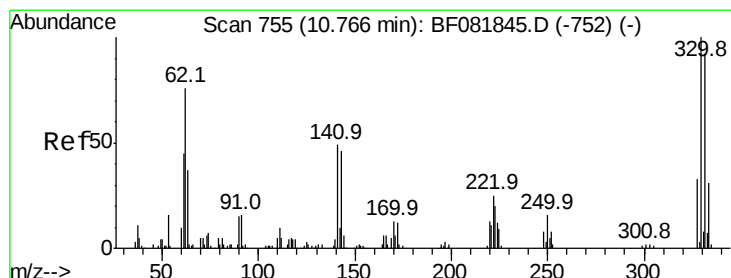
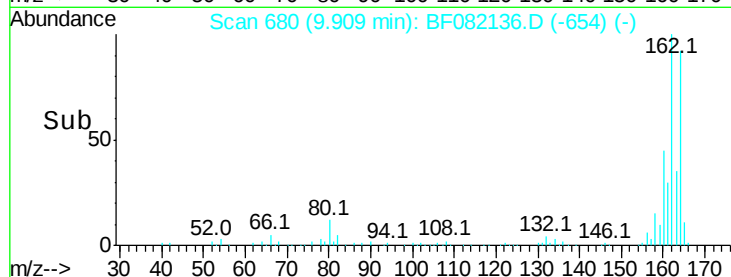
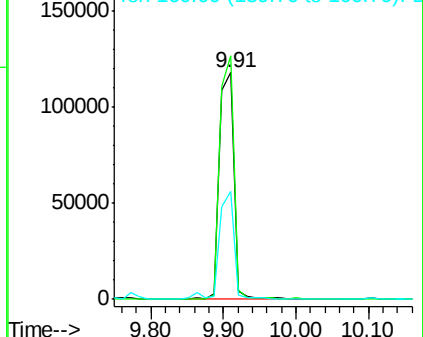
160 47.8 31.5 47.3#



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: 139.19 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

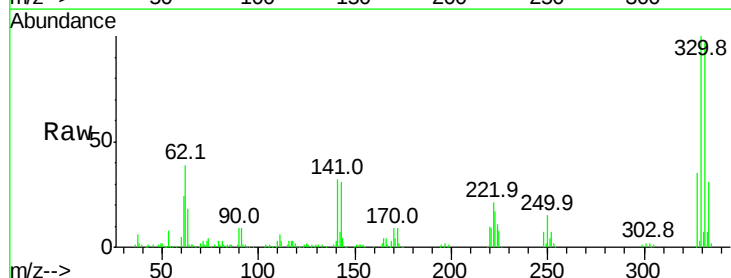
Tgt Ion:330 Resp: 233289

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

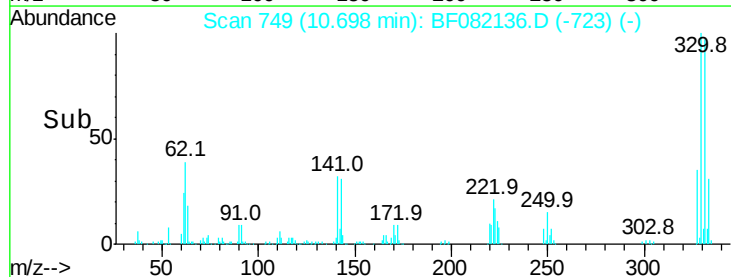
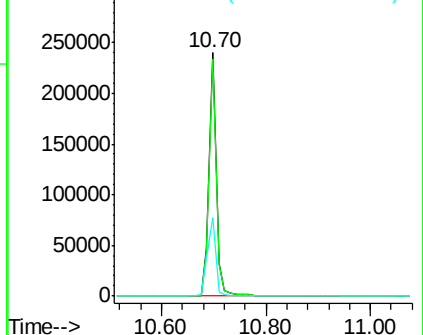
141 37.1 29.7 44.5

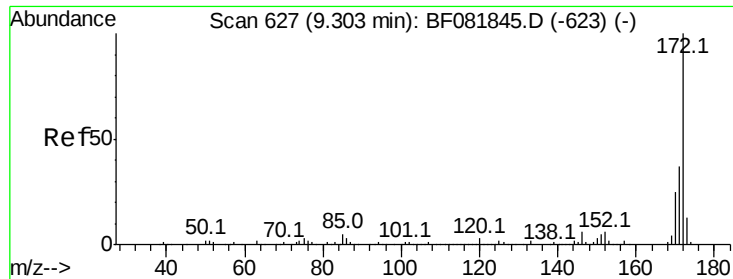


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

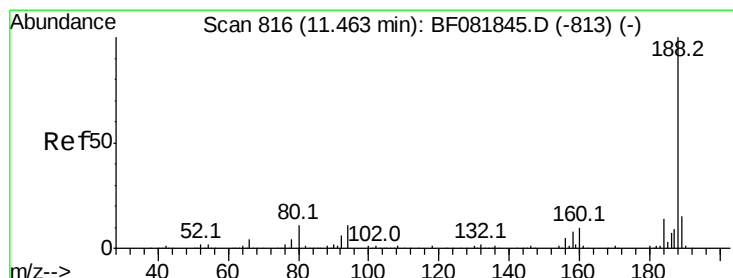
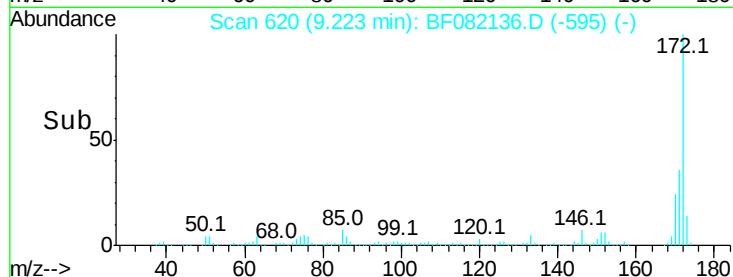
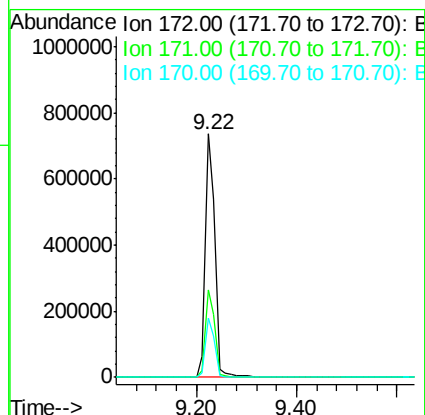
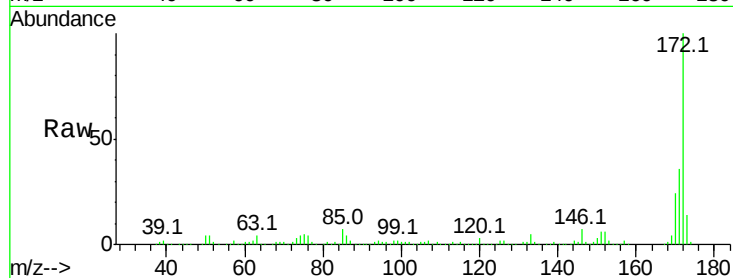




#44
 2-Fluorobiphenyl
 Concen: 102.50 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

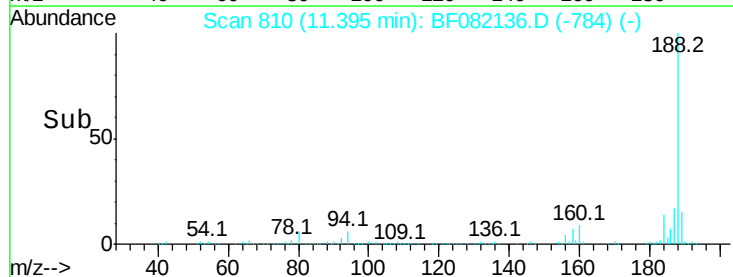
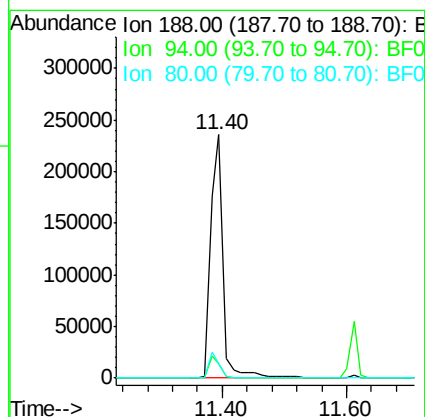
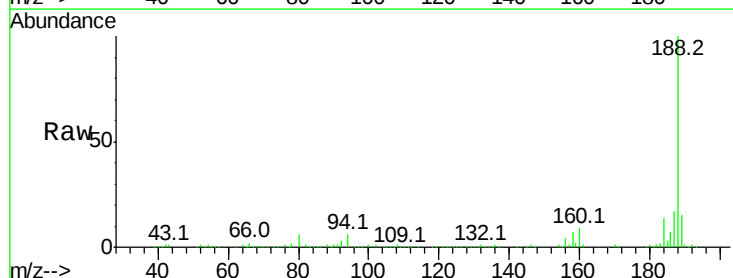
Instrument :
 BNA_F
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 MW-1

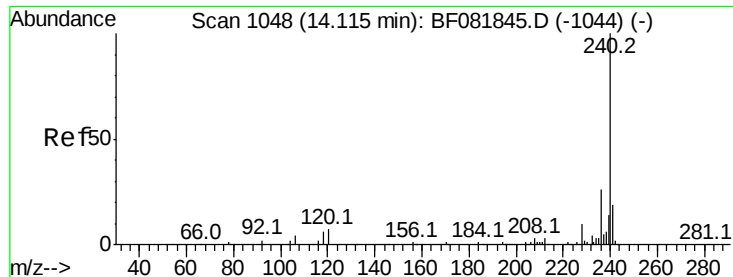
Tot Ion:172 Resp: 973623
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.3 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

Tgt Ion:188 Resp: 325457
 Ion Ratio Lower Upper
 188 100
 94 5.7 11.1 16.7#
 80 5.9 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-1

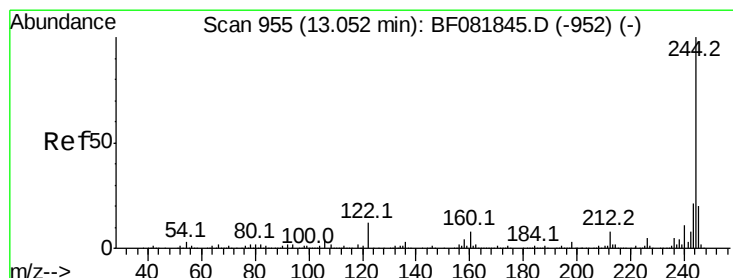
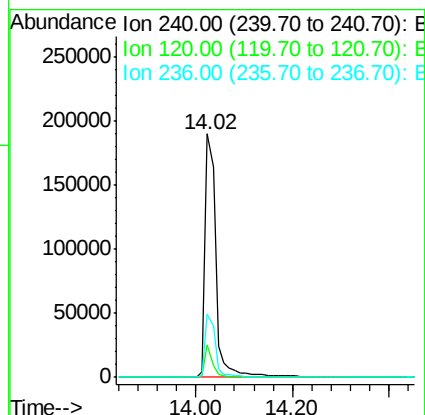
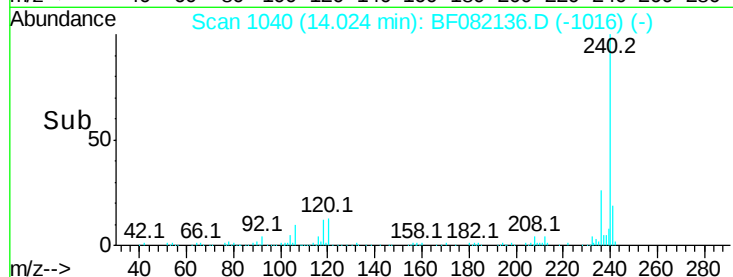
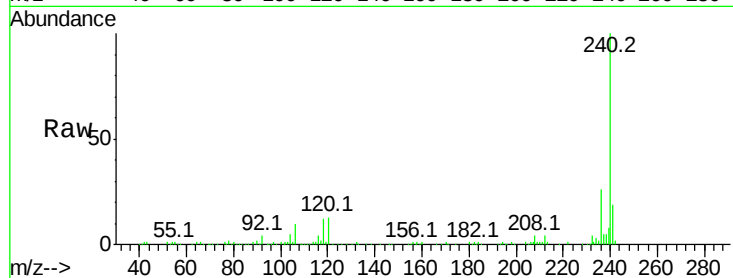
Tot Ion:240 Resp: 295749

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

236 25.7 18.4 27.6



#78

Terphenyl-d14

Concen: 157.70 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082136.D

Acq: 8 Oct 2015 19:40

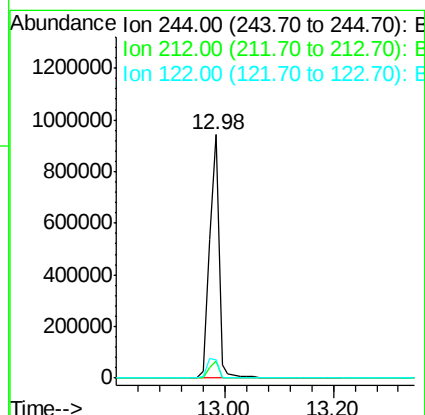
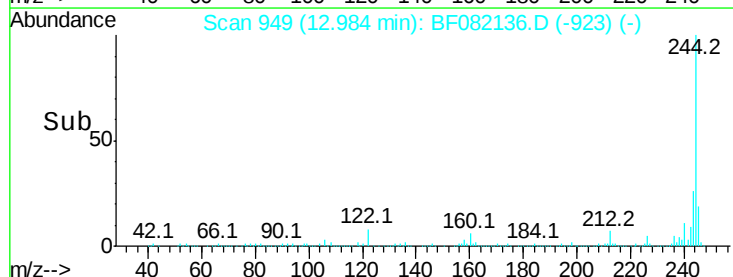
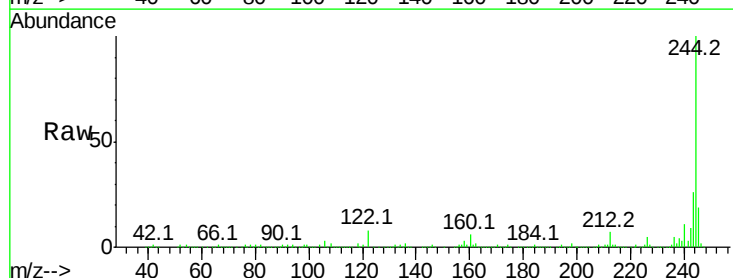
Tgt Ion:244 Resp: 1118061

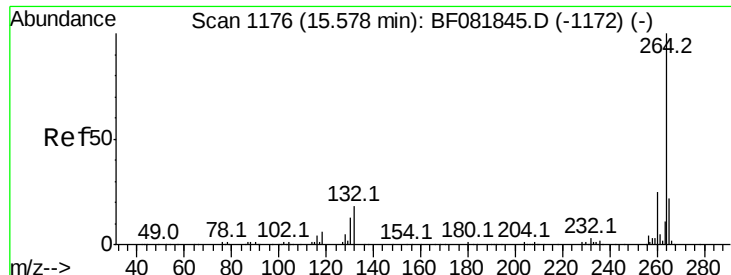
Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

122 7.7 17.4 26.2#

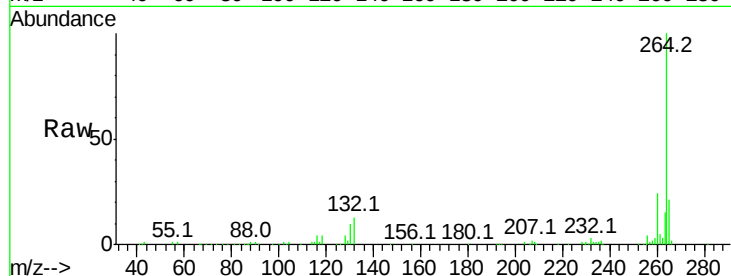




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082136.D
 Acq: 8 Oct 2015 19:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

