

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082138.D
 Acq On : 8 Oct 2015 20:41
 Operator : UM/IZ
 Sample : G3960-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Oct 09 06:42:19 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

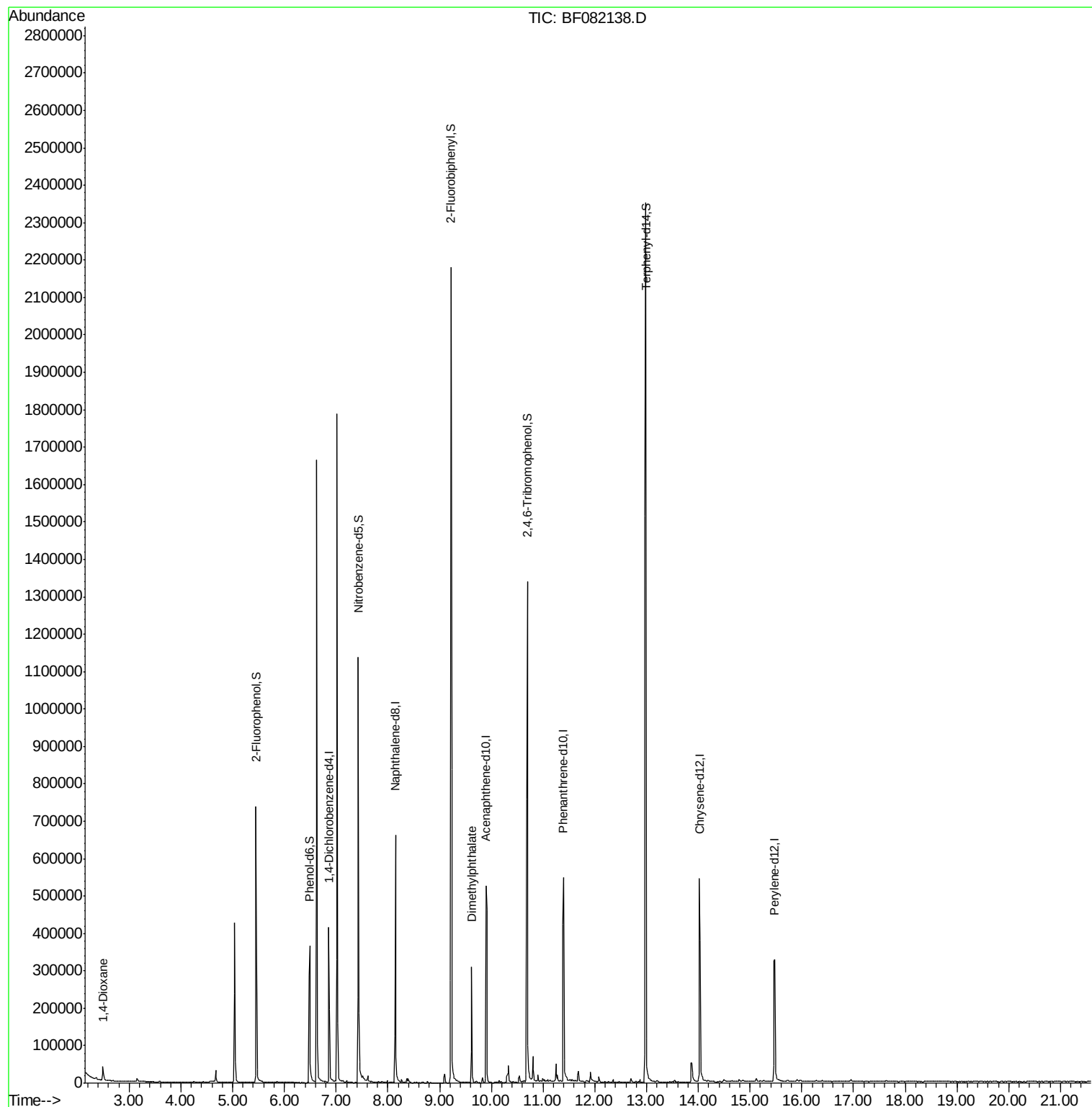
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	83468	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	333266	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	157114	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	326870	20.00	ng	0.00
75) Chrysene-d12	14.02	240	300856	20.00	ng	-0.02
86) Perylene-d12	15.48	264	224024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	239087	52.00	ng	0.00
7) Phenol-d6	6.49	99	196253	33.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	428733	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	212809	133.74	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	839405	90.54	ng	-0.01
78) Terphenyl-d14	12.98	244	1009748	123.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.49	88	19824	9.91	ng	Qvalue 95
49) Dimethylphthalate	9.62	163	145925	13.46	ng	# 96

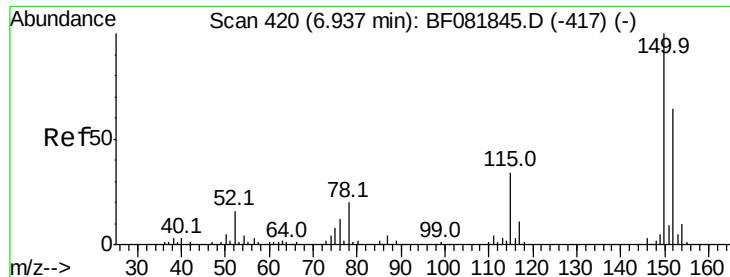
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-3

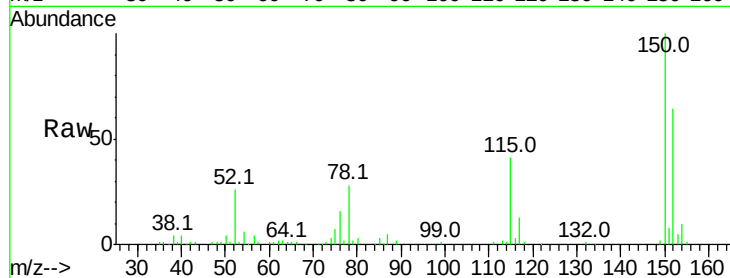
Tot Ion:152 Resp: 83468

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

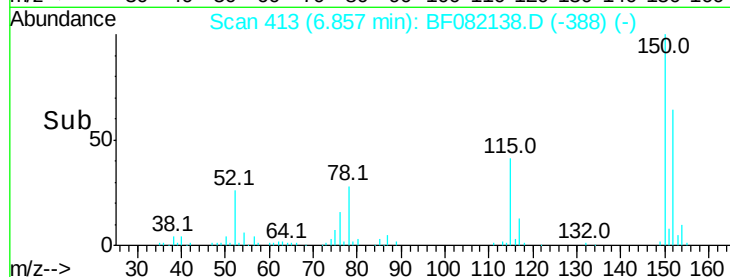
115 64.6 39.0 58.4#



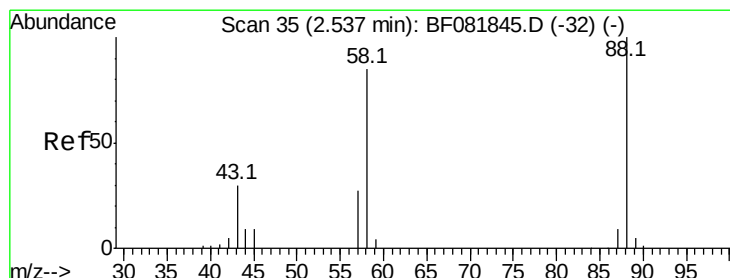
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 9.91 ng

RT: 2.49 min Scan# 31

Delta R.T. 0.07 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

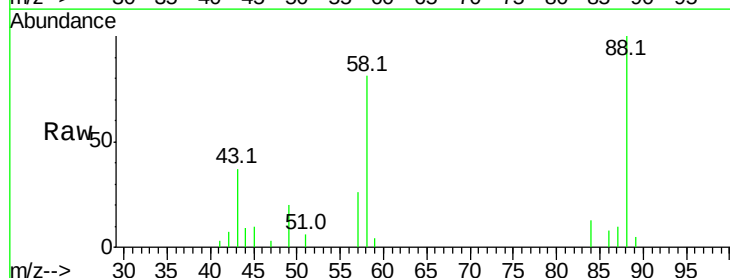
Tgt Ion: 88 Resp: 19824

Ion Ratio Lower Upper

88 100

58 101.8 77.7 116.5

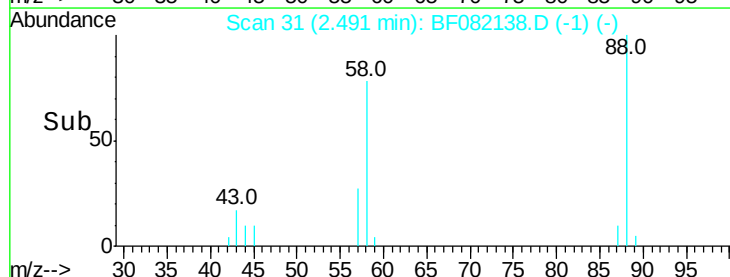
43 35.5 26.6 40.0



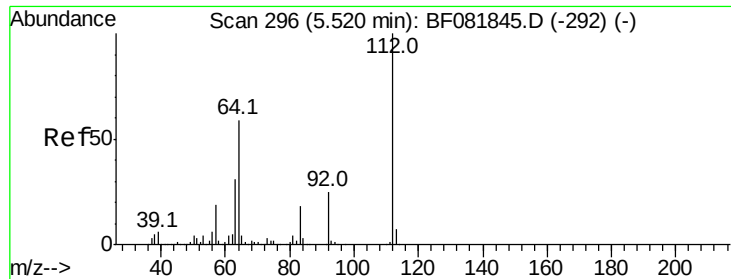
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 52.00 ng

RT: 5.45 min Scan# 290

Delta R.T. -0.00 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-3

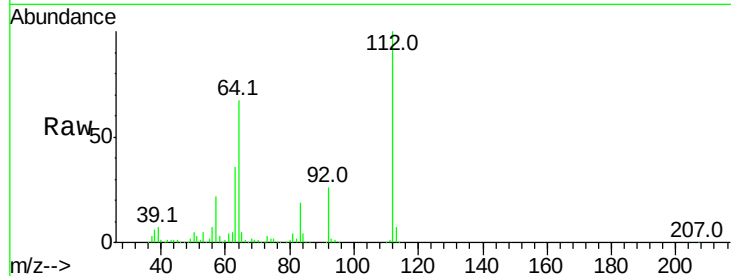
Tot Ion:112 Resp: 239087

Ion Ratio Lower Upper

112 100

64 66.5 39.7 59.5#

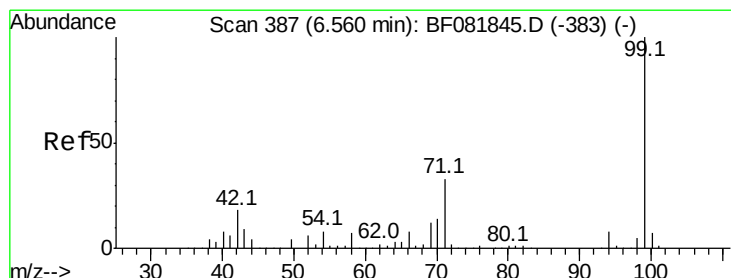
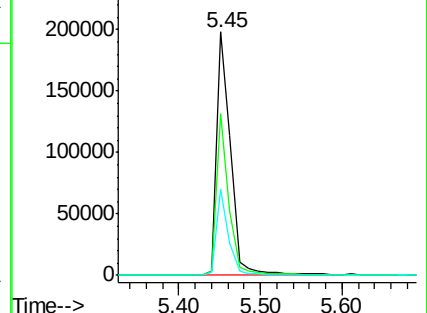
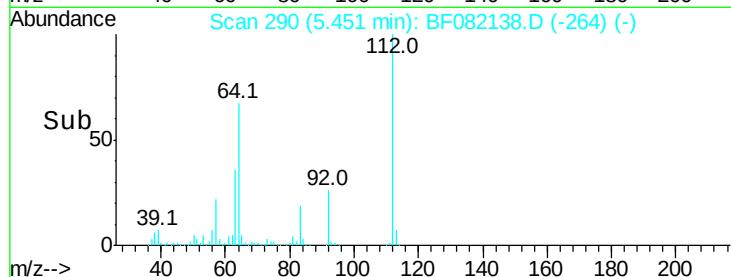
63 35.5 17.4 26.0#



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: 33.92 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

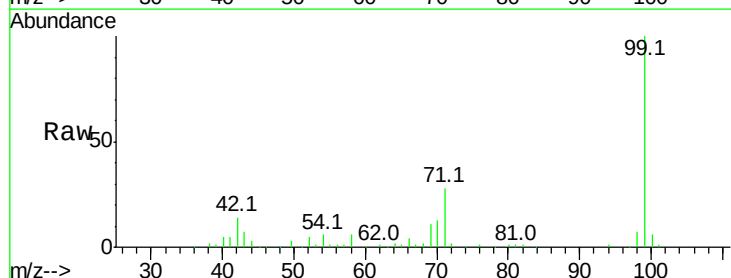
Tgt Ion: 99 Resp: 196253

Ion Ratio Lower Upper

99 100

42 14.0 13.7 20.5

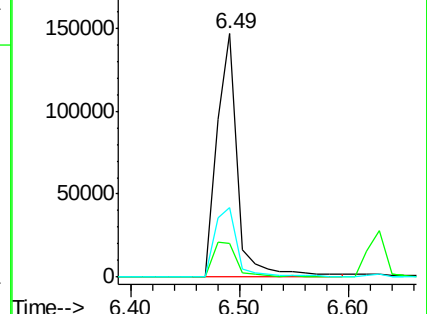
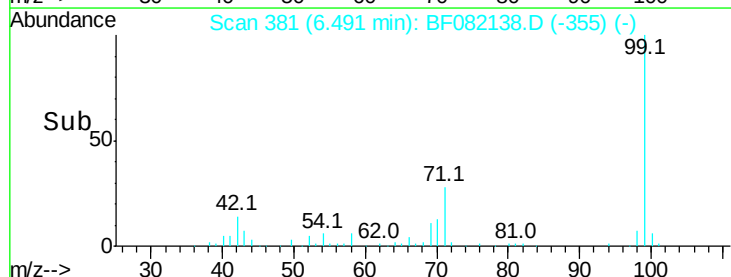
71 28.5 14.2 21.2#

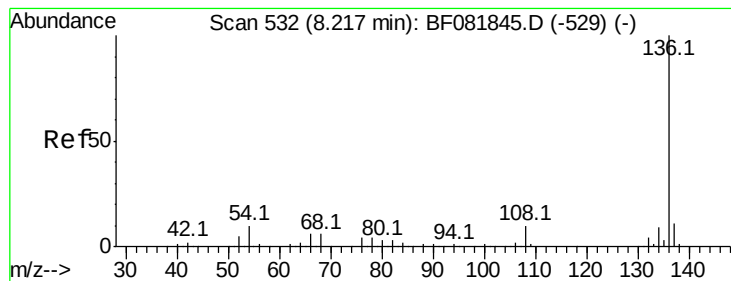


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

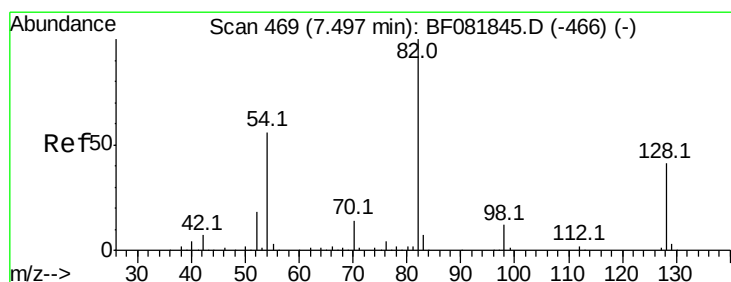
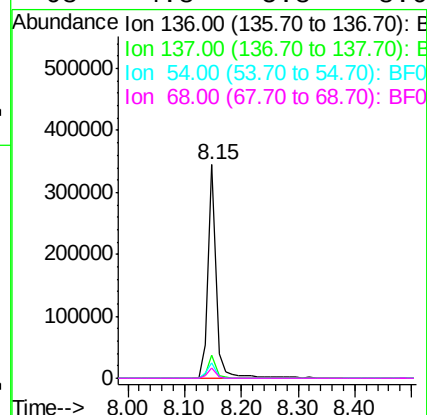
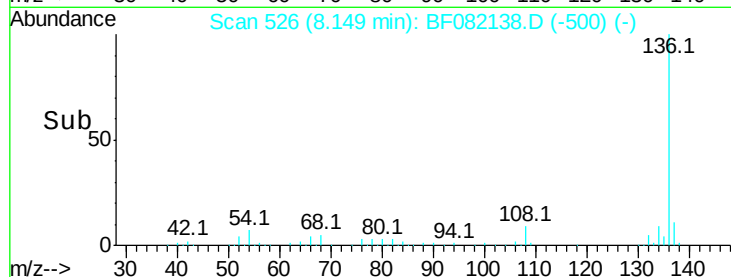
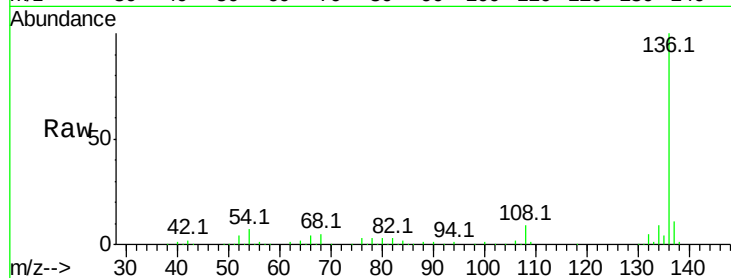




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082138.D
Acq: 8 Oct 2015 20:41

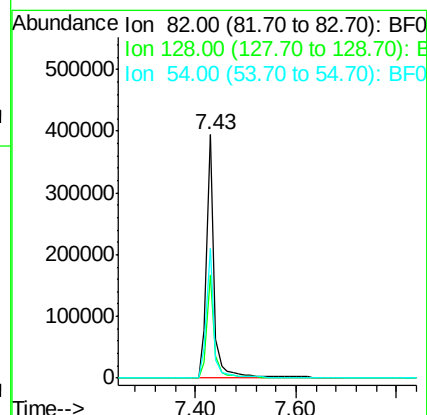
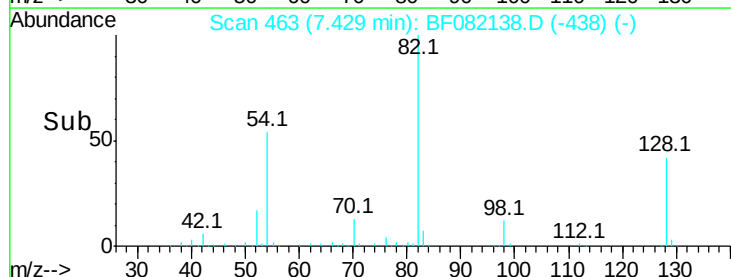
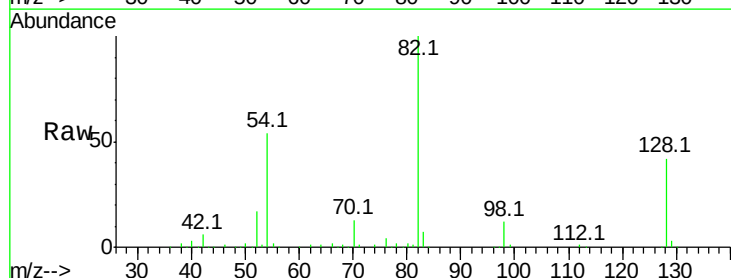
Instrument :
BNA_F
ClientSampleId :
MW-3

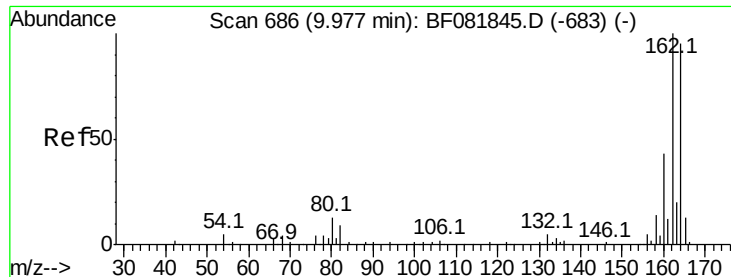
Tot Ion:	136	Resp:	333266
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.0	8.2	12.2#
68	4.8	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 85.76 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082138.D
Acq: 8 Oct 2015 20:41

Tgt Ion:	82	Resp:	428733
Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	53.5	47.5	71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-3

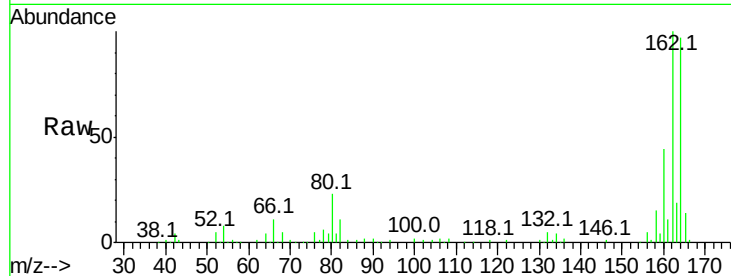
Tot Ion:164 Resp: 157114

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

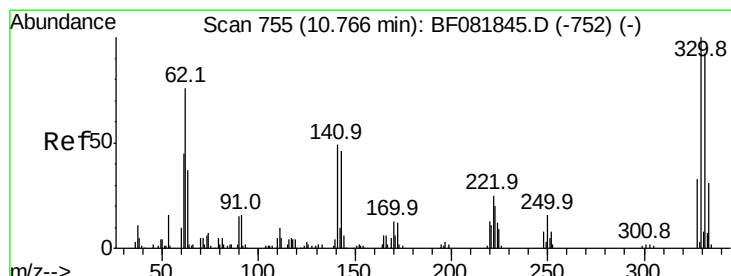
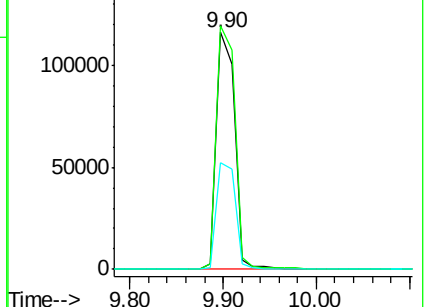
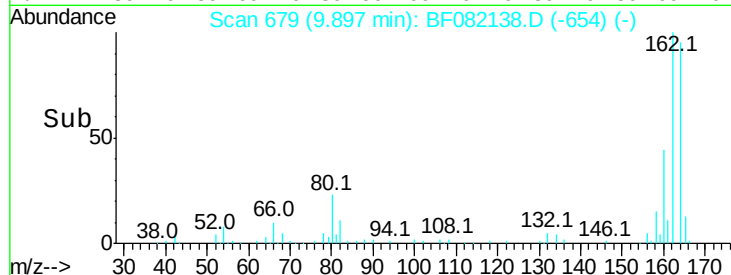
160 45.2 31.5 47.3



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: 133.74 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF082138.D

Acq: 8 Oct 2015 20:41

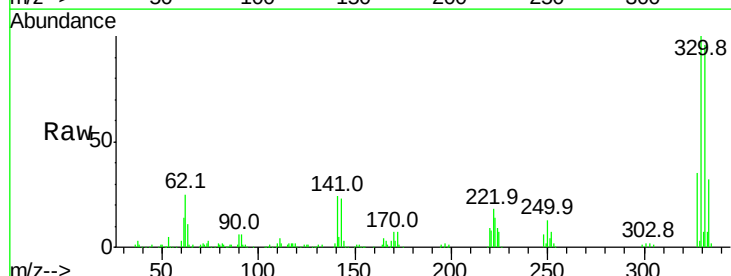
Tgt Ion:330 Resp: 212809

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

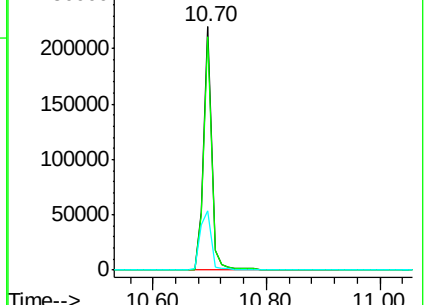
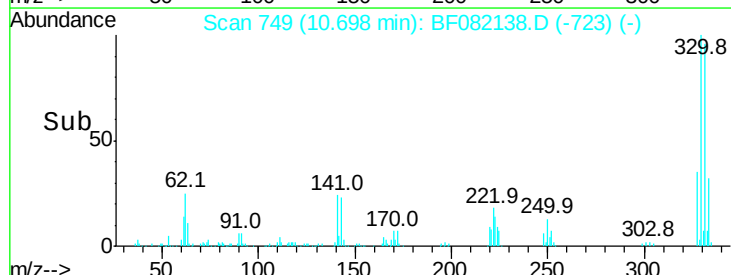
141 33.3 29.7 44.5

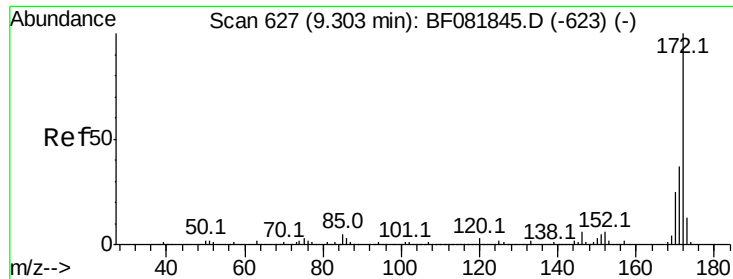


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



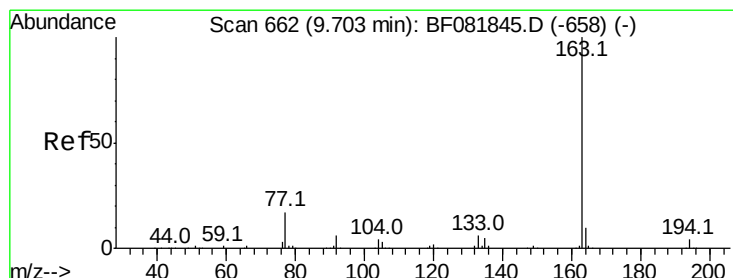
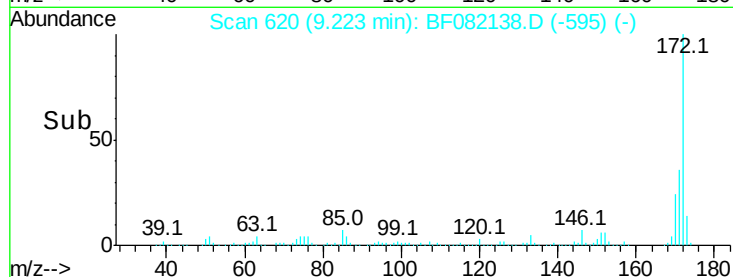
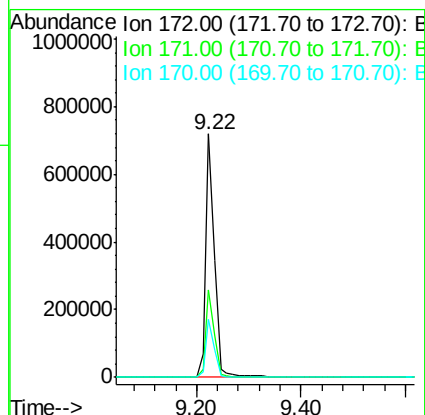
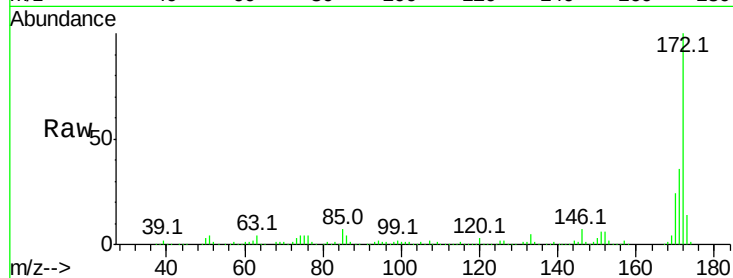


#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:172 Resp: 839405

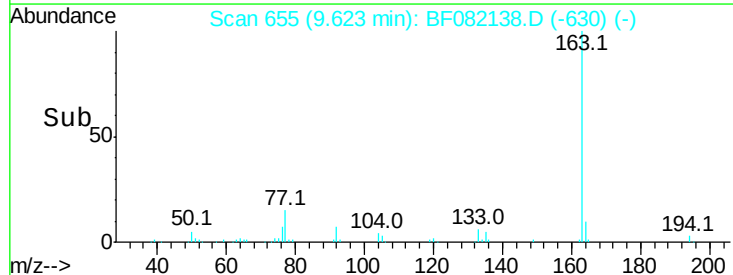
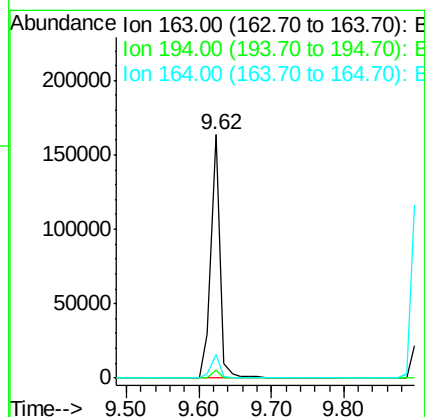
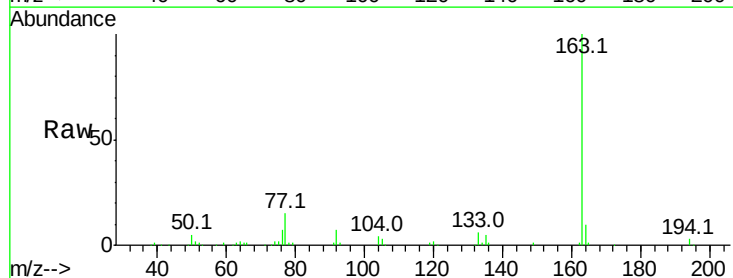
Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.0	17.4	26.2

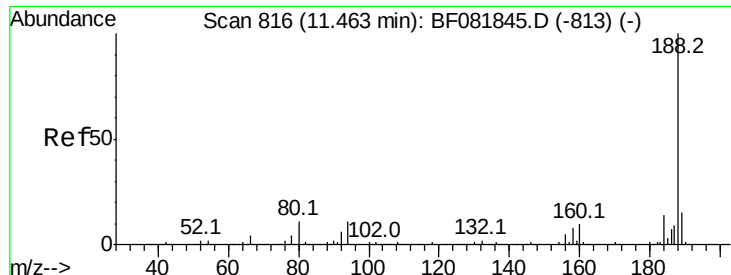


#49
 Dimethylphthalate
 Concen: 13.46 ng
 RT: 9.62 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Tgt Ion:163 Resp: 145925

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	9.6	8.3	12.5

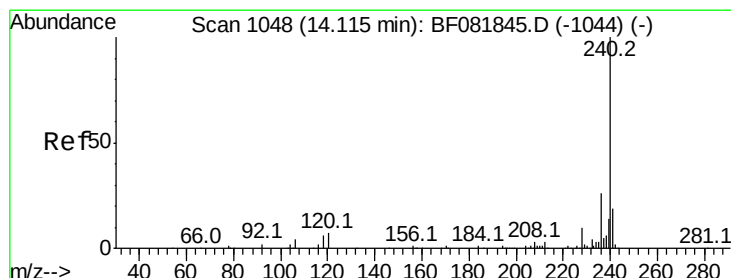
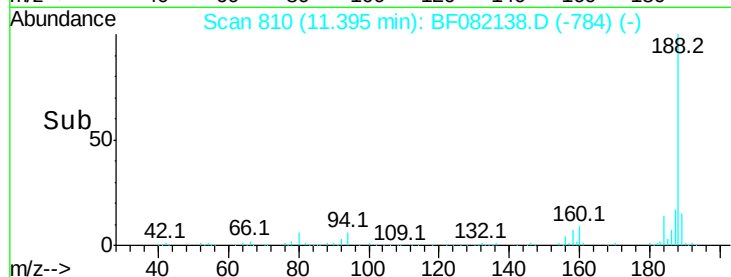
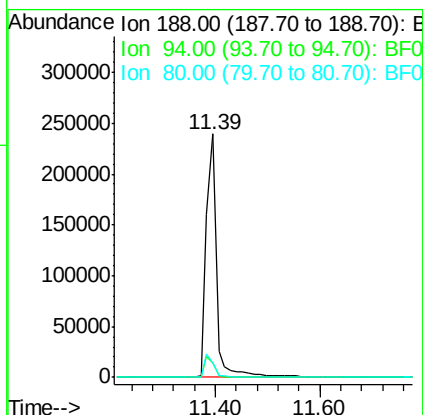
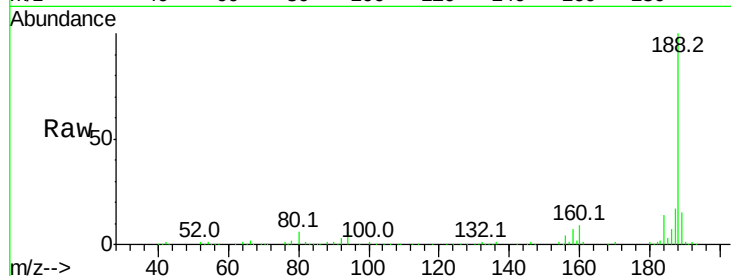




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

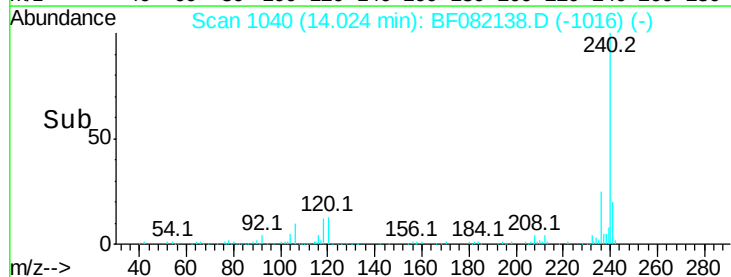
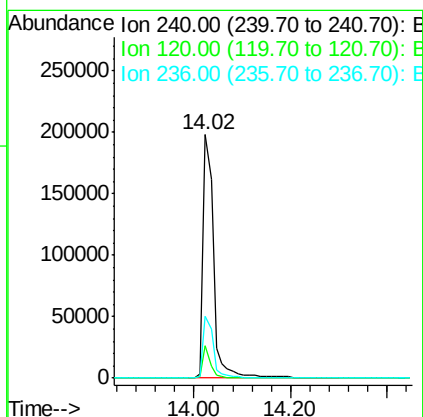
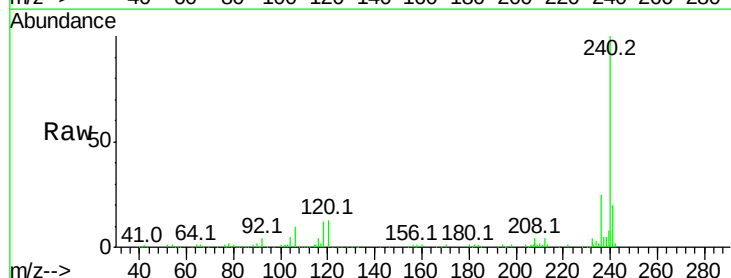
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

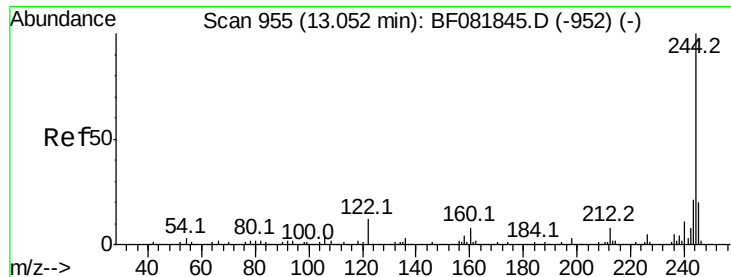
Tot Ion:188 Resp: 326870
 Ion Ratio Lower Upper
 188 100
 94 6.1 11.1 16.7#
 80 6.1 11.0 16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Tgt Ion:240 Resp: 300856
 Ion Ratio Lower Upper
 240 100
 120 13.2 16.2 24.2#
 236 25.2 18.4 27.6

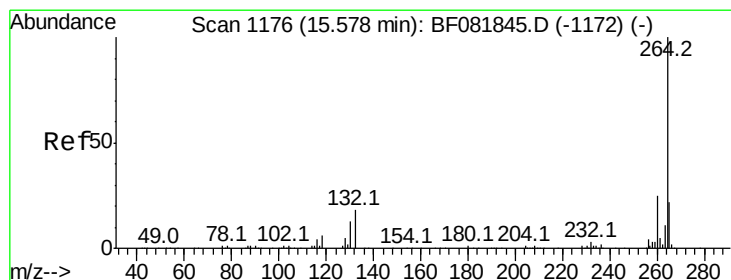
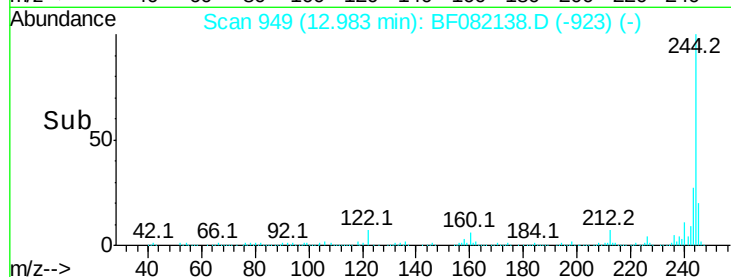
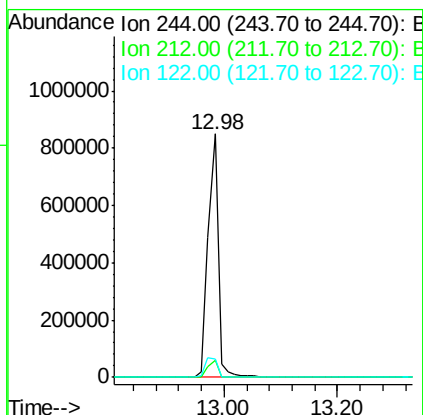
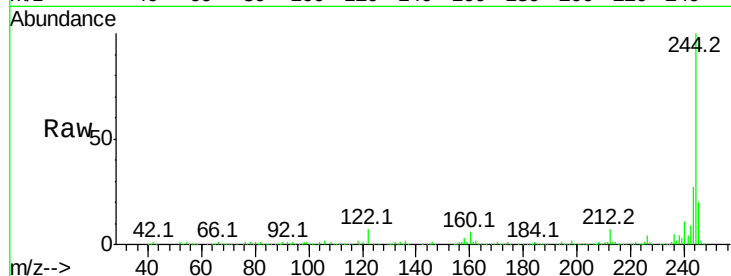




#78
 Terphenyl-d14
 Concen: 123.29 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:244 Resp: 1009748
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 7.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082138.D
 Acq: 8 Oct 2015 20:41

Tgt Ion:264 Resp: 224024
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.4 17.2 25.8

