

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081279.D
 Acq On : 29 Aug 2015 19:23
 Operator : UM/IZ
 Sample : G3467-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Aug 31 01:49:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 00:56:51 2015
 Response via : Initial Calibration

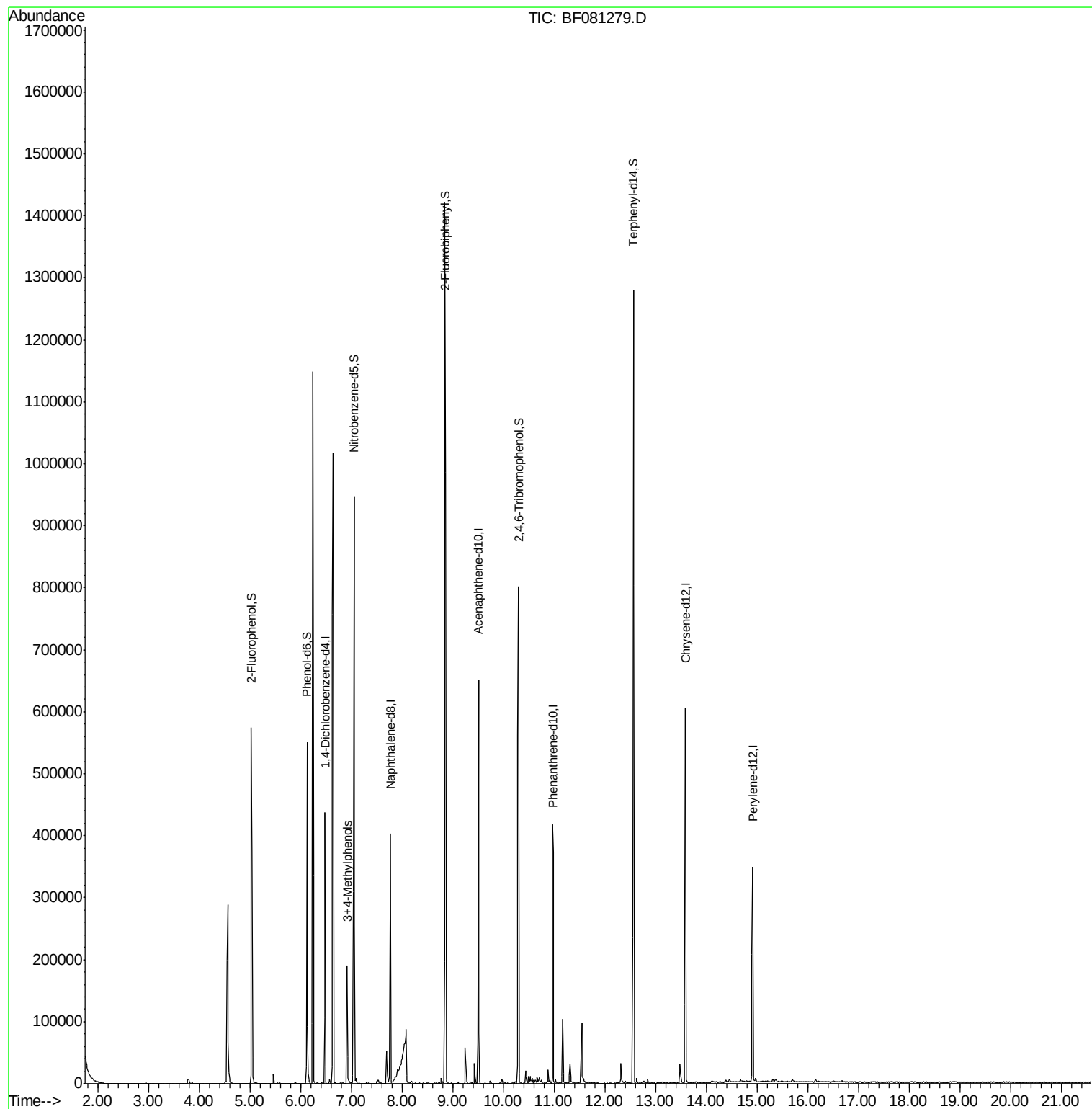
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	60861	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	239579	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	114091	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	219891	20.00	ng	0.00
75) Chrysene-d12	13.59	240	194219	20.00	ng	-0.01
86) Perylene-d12	14.92	264	149532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	184565	45.61	ng	0.00
7) Phenol-d6	6.13	99	164072	31.08	ng	-0.01
23) Nitrobenzene-d5	7.05	82	345034	65.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	97308	98.39	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	608712	69.91	ng	-0.01
78) Terphenyl-d14	12.56	244	523747	57.81	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	6.91	107	45454	9.42	ng	Qvalue # 43

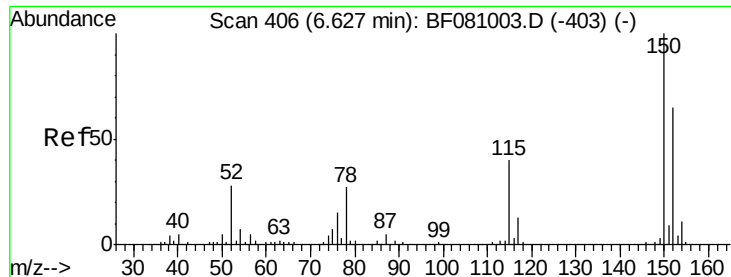
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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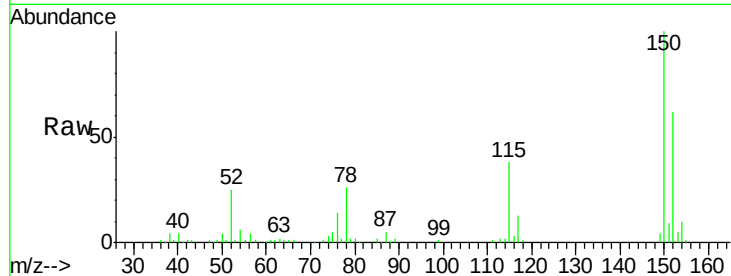


#1

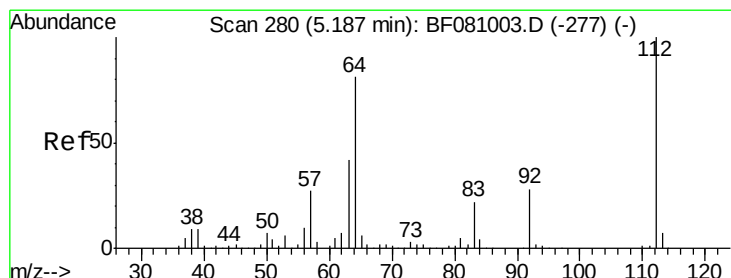
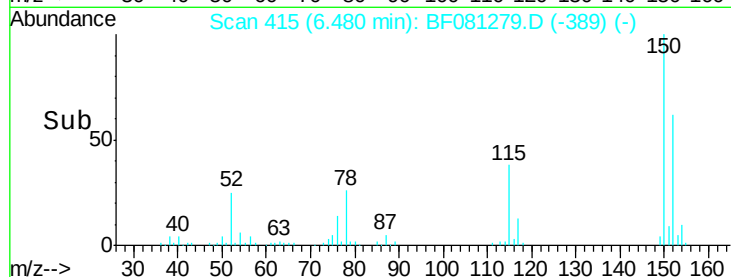
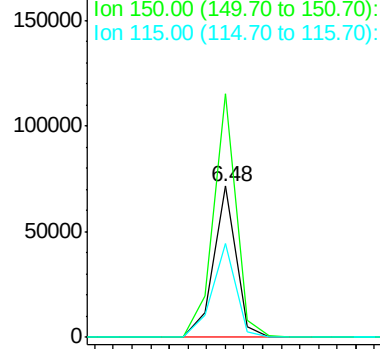
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 60861
Ion Ratio Lower Upper
152 100
150 161.3 123.8 185.6
115 62.0 52.1 78.1



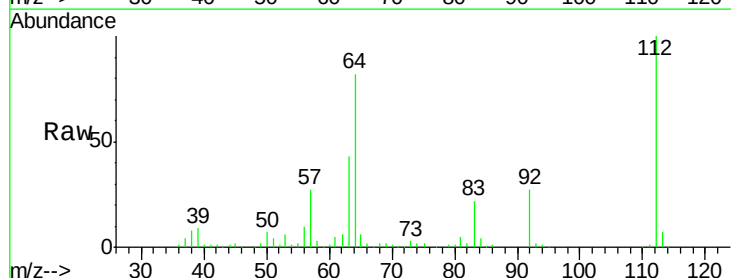
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



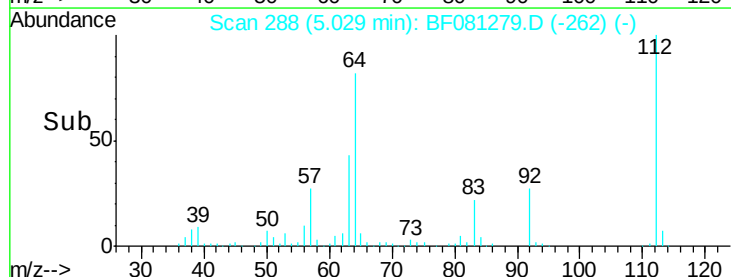
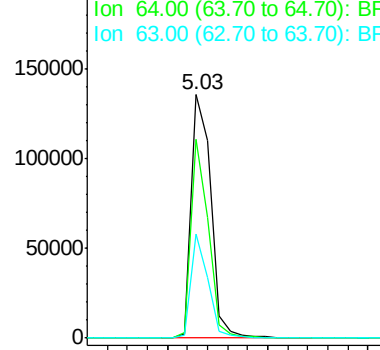
#5

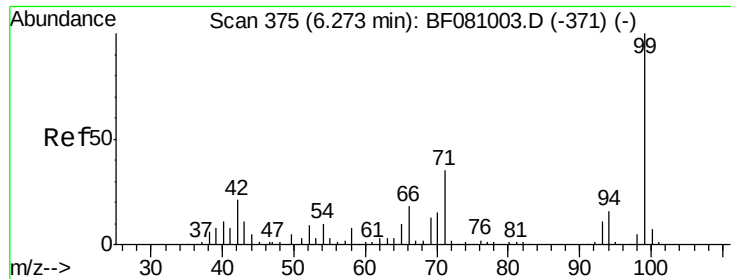
2-Fluorophenol
Concen: 45.61 ng
RT: 5.03 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Tgt Ion:112 Resp: 184565
Ion Ratio Lower Upper
112 100
64 81.5 66.9 100.3
63 42.6 38.1 57.1



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: 31.08 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampled :

MW-5

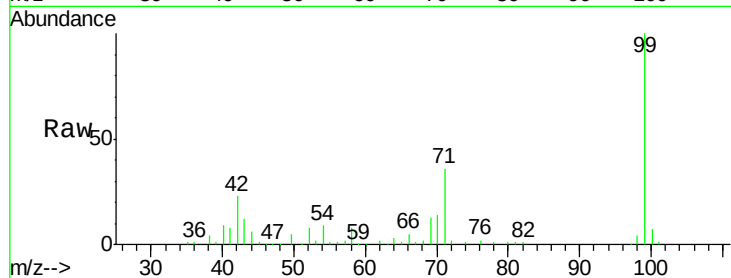
Tgt Ion: 99 Resp: 164072

Ion Ratio Lower Upper

99 100

42 22.8 19.6 29.4

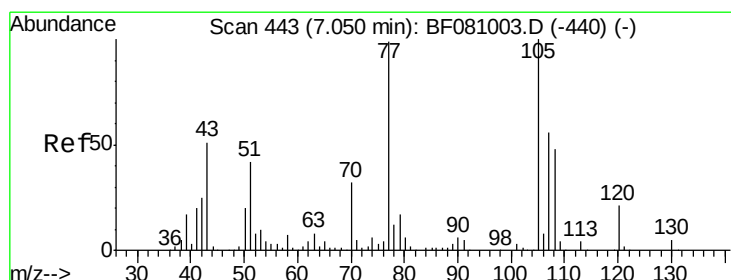
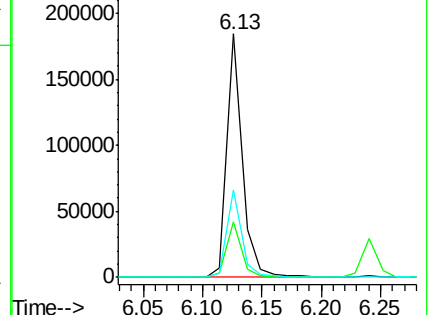
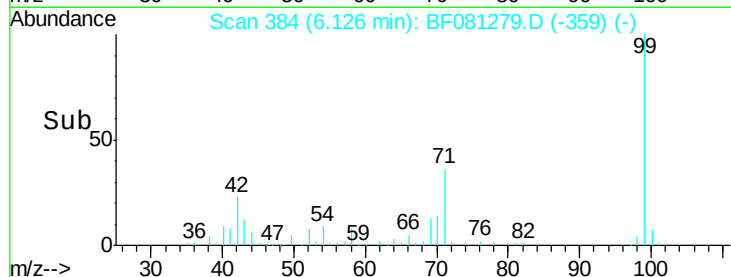
71 35.8 31.2 46.8



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



#20

3+4-Methylphenols

Concen: 9.42 ng

RT: 6.91 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Tgt Ion: 107 Resp: 45454

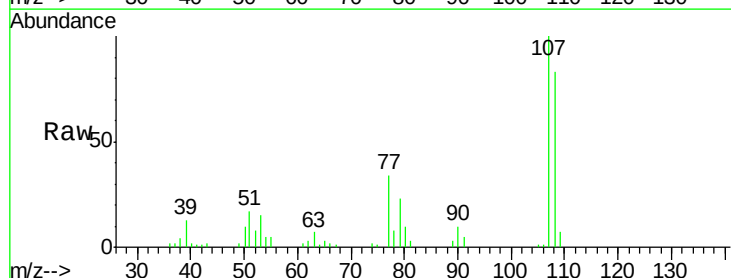
Ion Ratio Lower Upper

107 100

108 82.8 66.1 106.1

77 34.5 139.3 179.3#

79 23.1 11.9 51.9

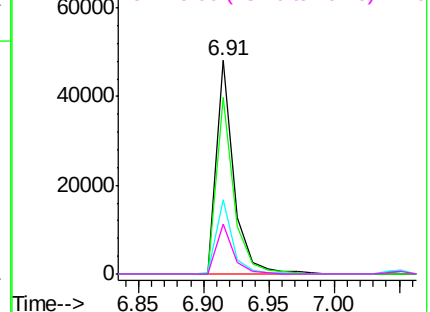
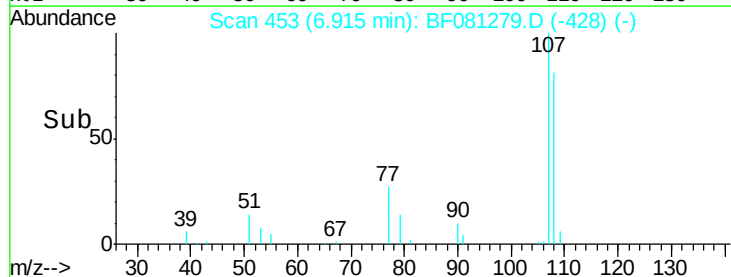


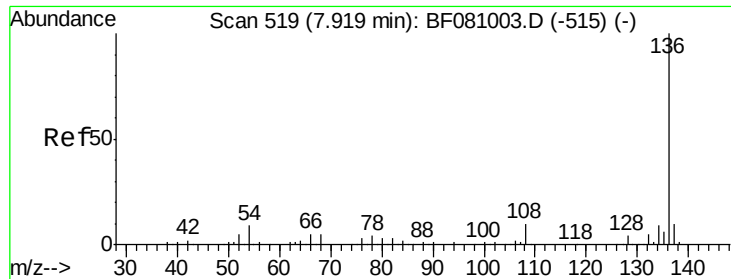
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

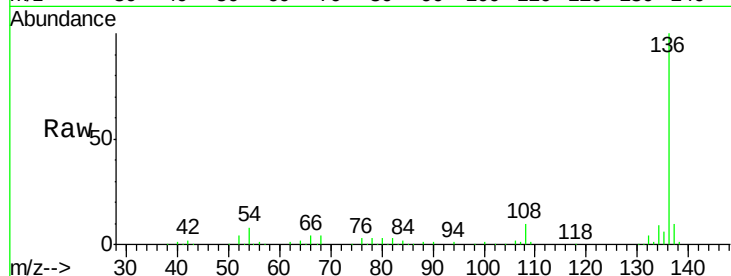




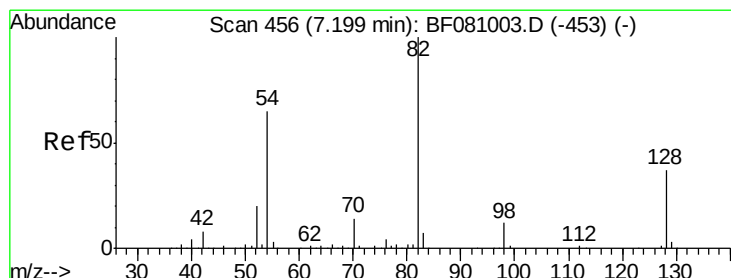
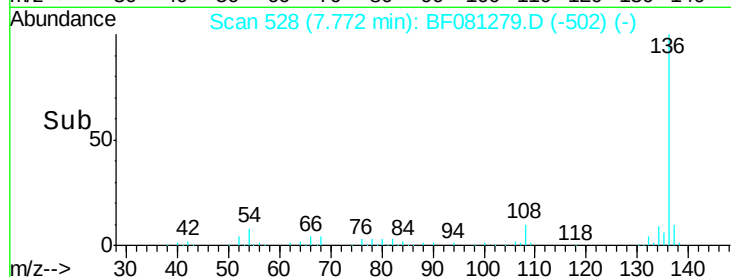
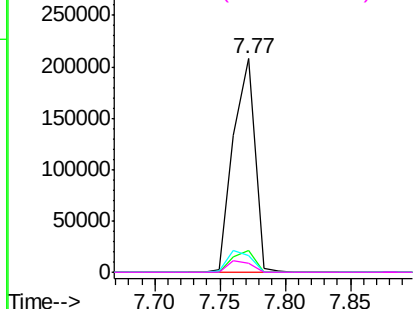
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:	136	Resp:	239579
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	8.1	7.7	11.5
68	4.5	3.4	5.2

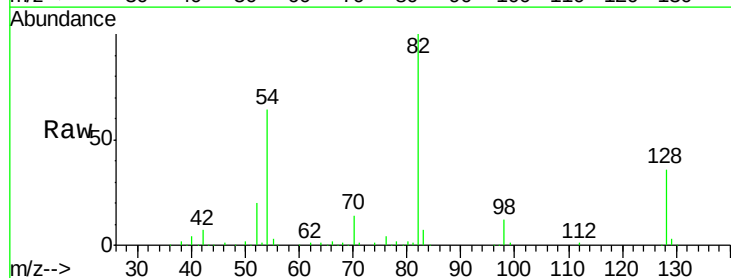


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

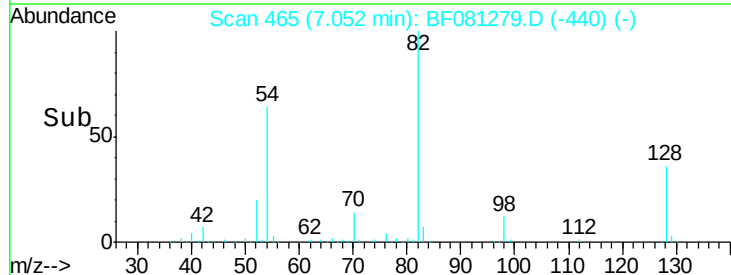
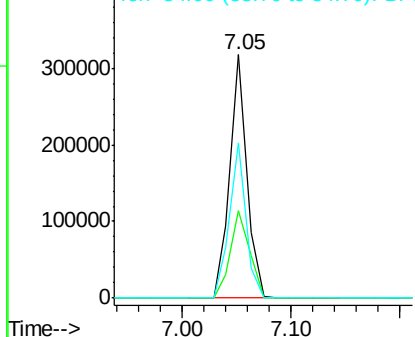


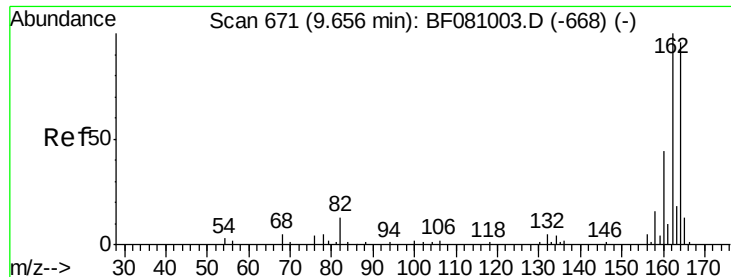
#23
Nitrobenzene-d5
Concen: 65.79 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Tgt Ion:	82	Resp:	345034
Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.6	42.8
54	63.7	55.1	82.7



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: 9.51 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampleId :

MW-5

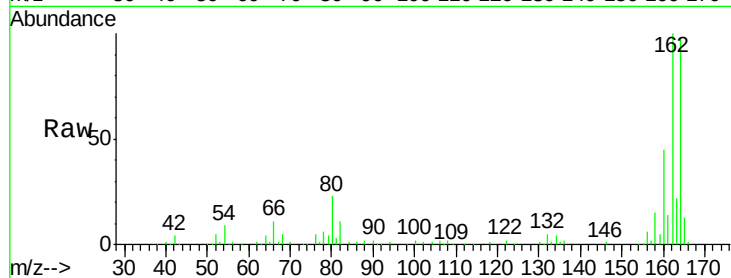
Tgt Ion:164 Resp: 114091

Ion Ratio Lower Upper

164 100

162 102.2 83.8 125.8

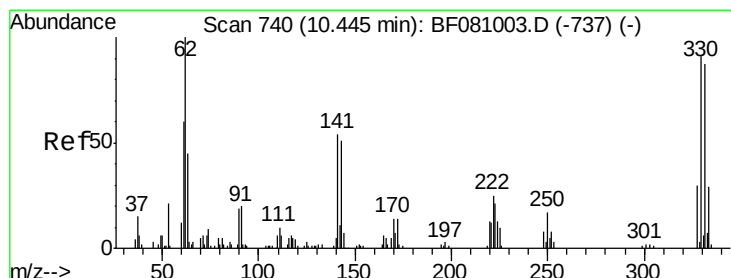
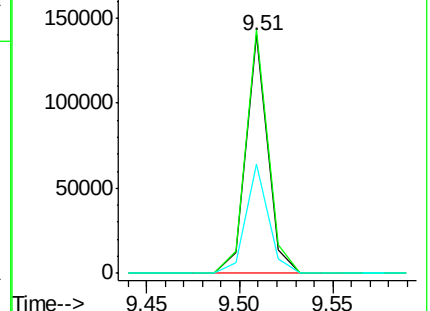
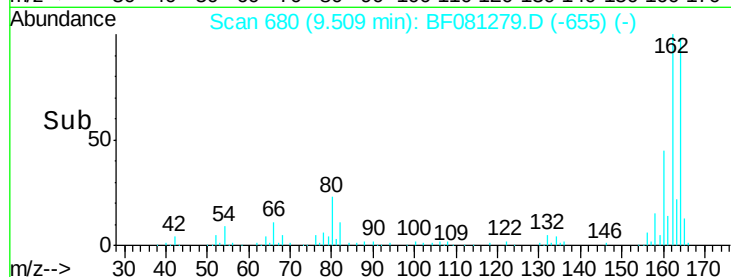
160 46.0 39.8 59.8



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: 98.39 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

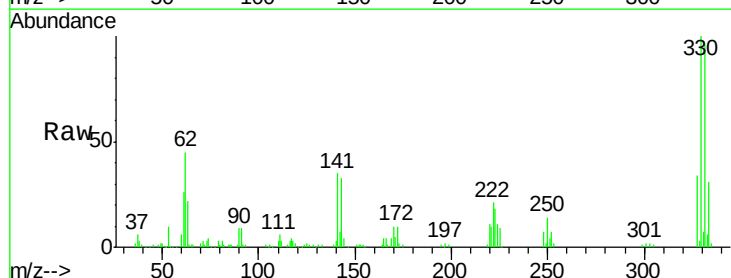
Tgt Ion:330 Resp: 97308

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

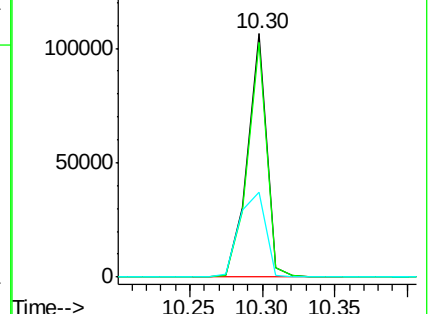
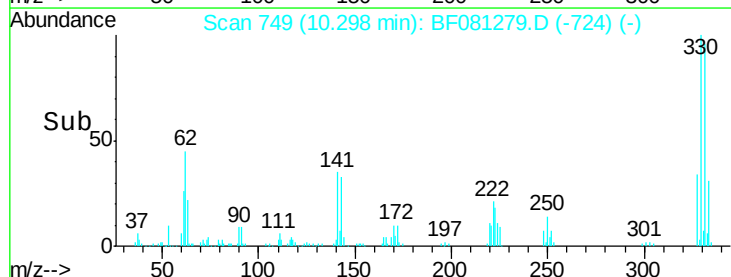
141 48.3 44.9 67.3

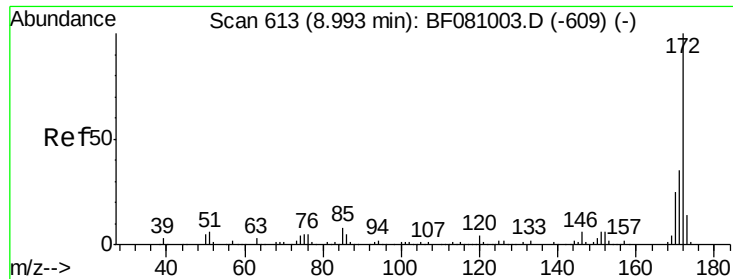


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

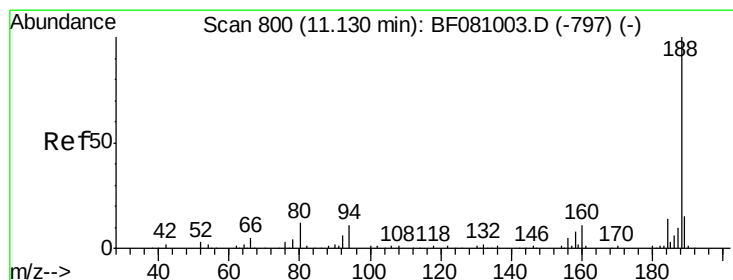
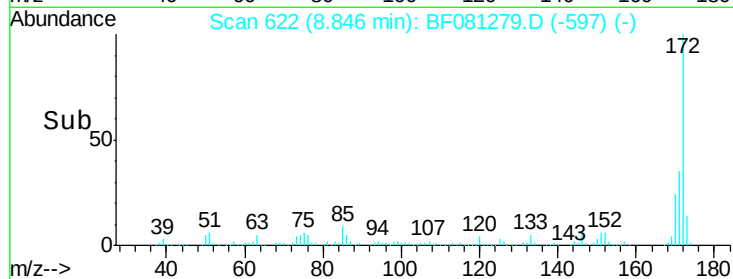
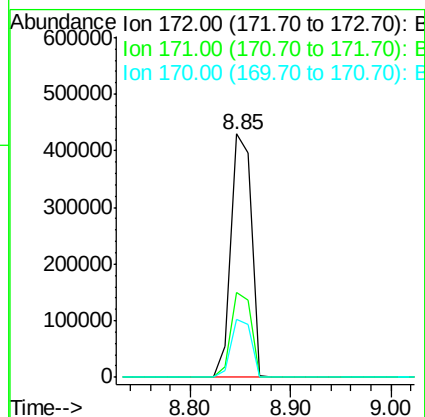
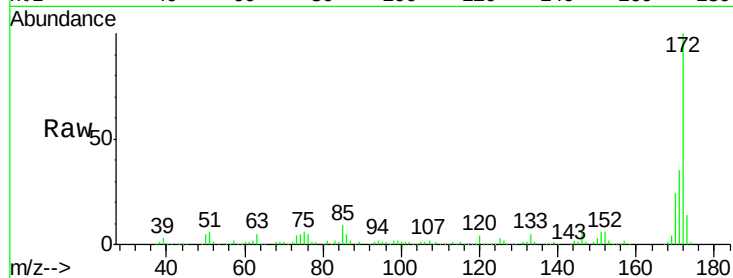




#44
 2-Fluorobiphenyl
 Concen: 69.91 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

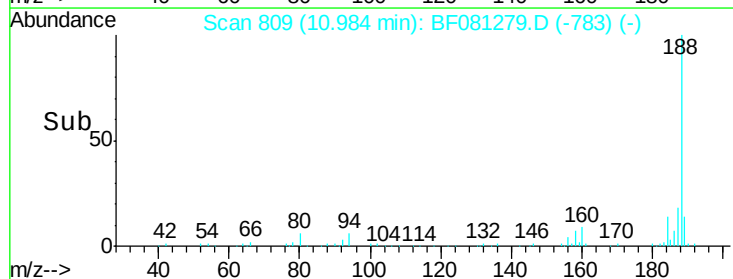
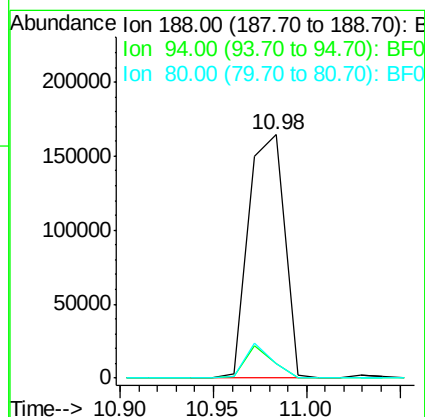
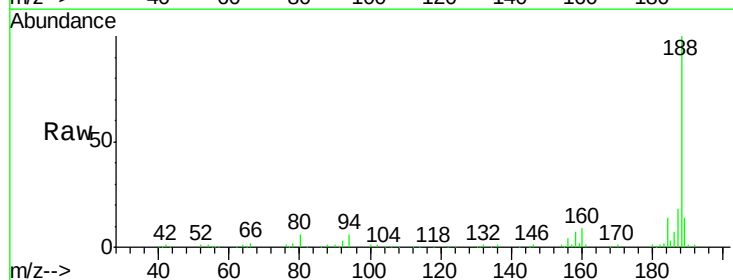
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

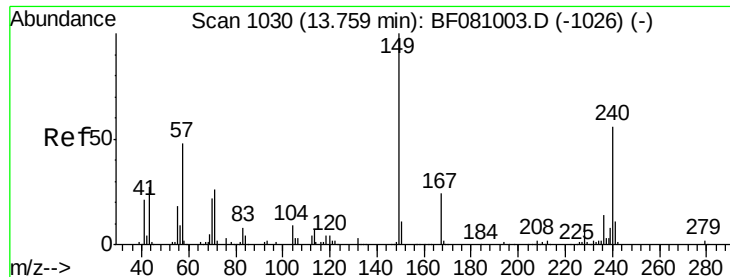
Tgt Ion:172 Resp: 608712
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 24.0 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF081279.D
 Acq: 29 Aug 2015 19:23

Tgt Ion:188 Resp: 219891
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.2 12.2#
 80 5.9 9.5 14.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

Instrument :

BNA_F

ClientSampleId :

MW-5

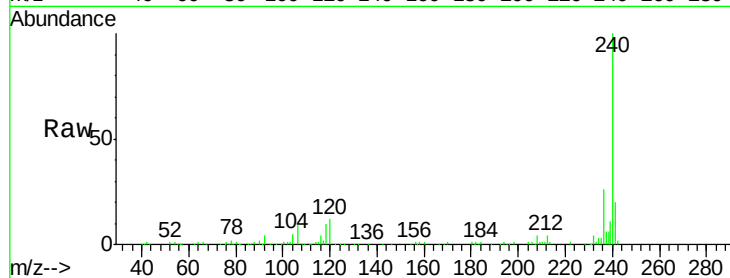
Tgt Ion:240 Resp: 194219

Ion Ratio Lower Upper

240 100

120 12.0 5.6 8.4#

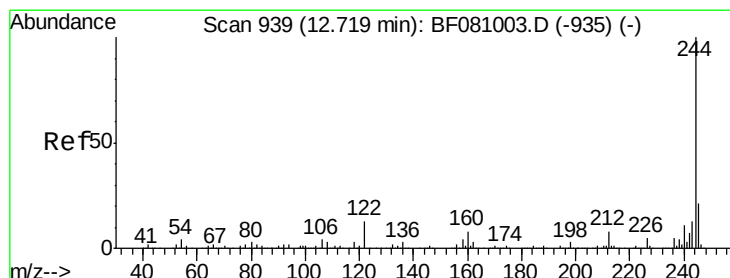
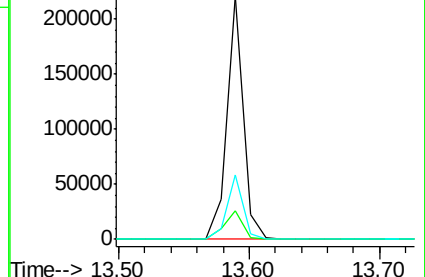
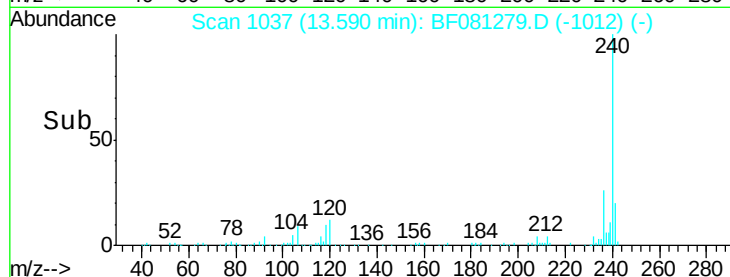
236 26.4 20.6 30.8



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: 57.81 ng

RT: 12.56 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF081279.D

Acq: 29 Aug 2015 19:23

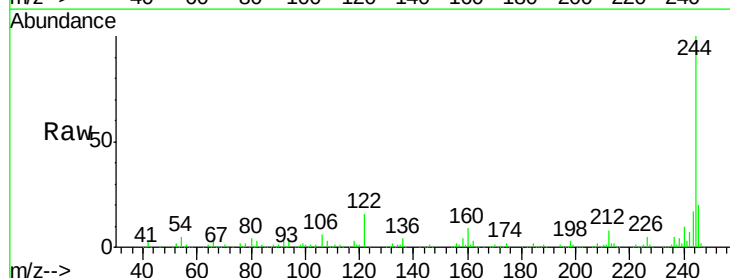
Tgt Ion:244 Resp: 523747

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

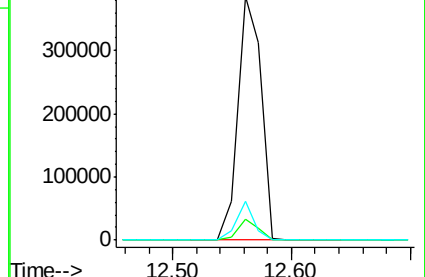
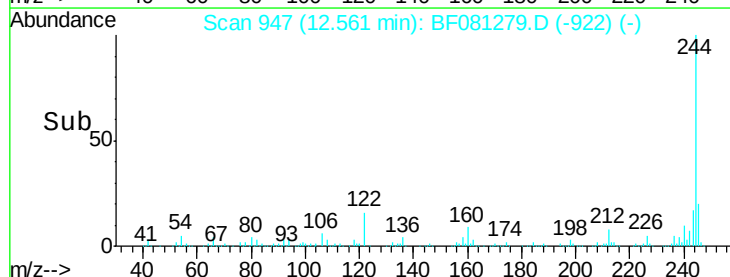
122 16.2 8.2 12.4#

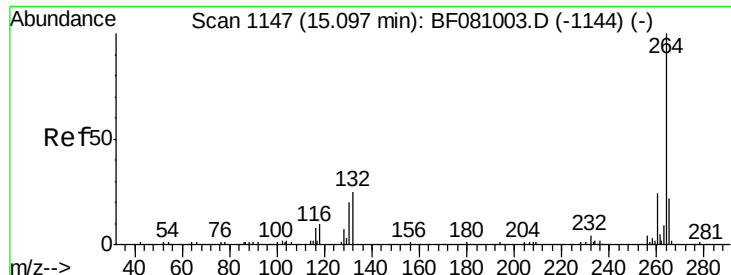


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.92 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081279.D
Acq: 29 Aug 2015 19:23

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	20.9	17.5	26.3

