

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081281.D
 Acq On : 29 Aug 2015 20:25
 Operator : UM/IZ
 Sample : G3467-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Aug 31 02:04:52 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

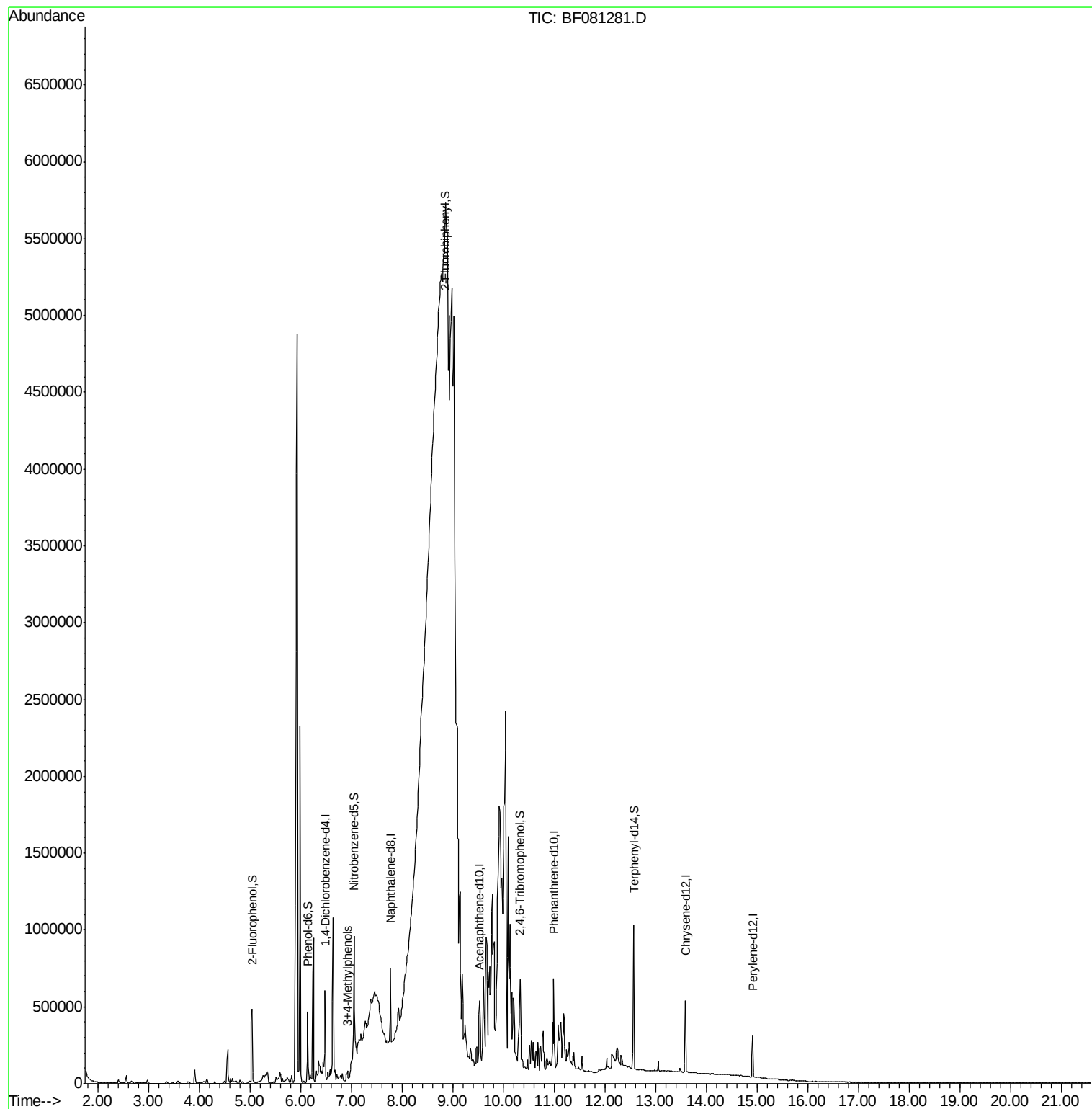
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	57317	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	218065	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	96038	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	183712	20.00	ng	0.01
75) Chrysene-d12	13.59	240	151196	20.00	ng	-0.01
86) Perylene-d12	14.92	264	110238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	173226	45.46	ng	0.01
7) Phenol-d6	6.14	99	147137	29.59	ng	0.00
23) Nitrobenzene-d5	7.05	82	268855	56.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	79265	95.21	ng	0.02
44) 2-Fluorobiphenyl	8.86	172	256402	34.98	ng	0.00
78) Terphenyl-d14	12.57	244	425487	60.33	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	6.93	107	13952	3.07	ng	Qvalue # 41

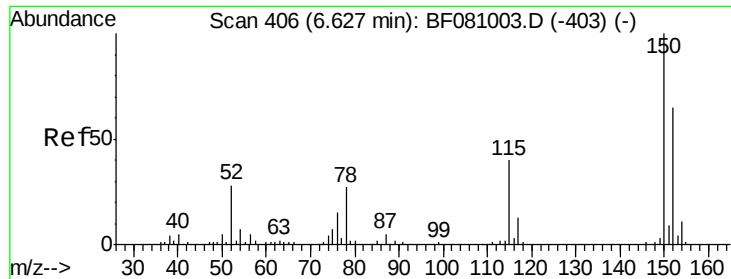
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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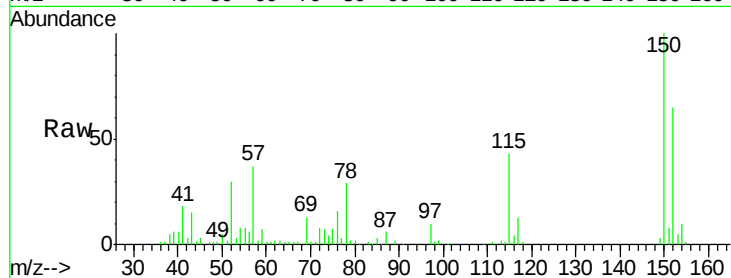




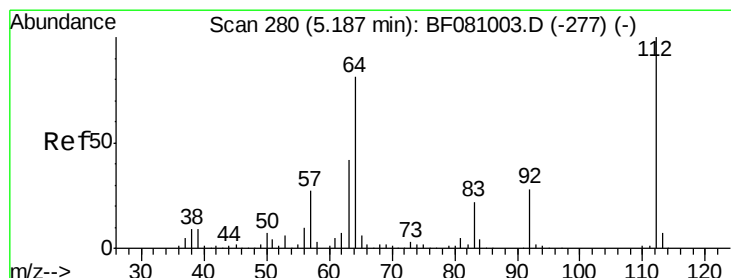
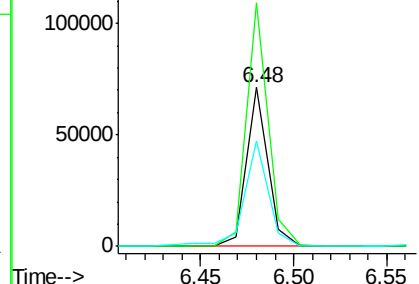
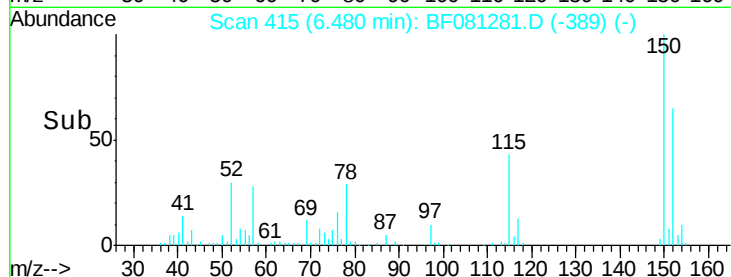
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 57317
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.6
 115 66.1 52.1 78.1

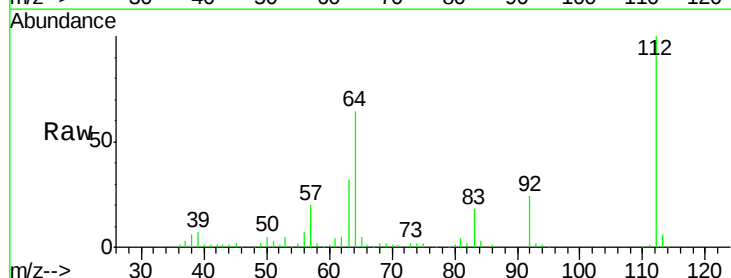


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

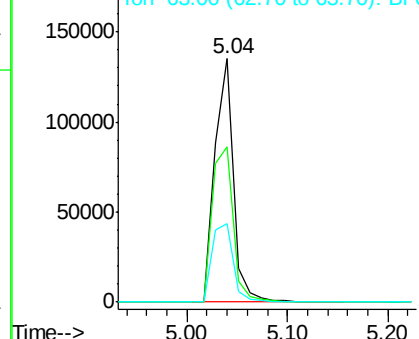
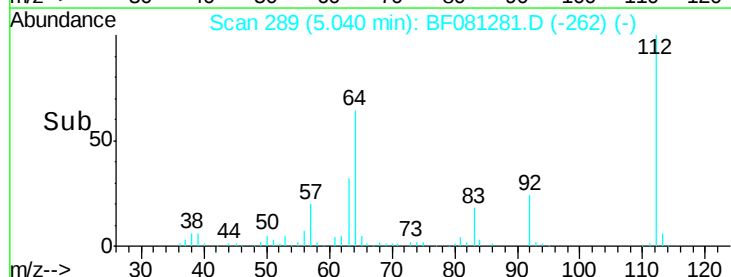


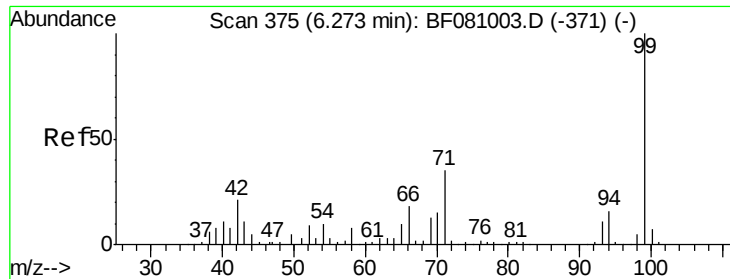
#5
 2-Fluorophenol
 Concen: 45.46 ng
 RT: 5.04 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion:112 Resp: 173226
 Ion Ratio Lower Upper
 112 100
 64 63.6 66.9 100.3#
 63 32.1 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: 29.59 ng

RT: 6.14 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampleId :

MW-2

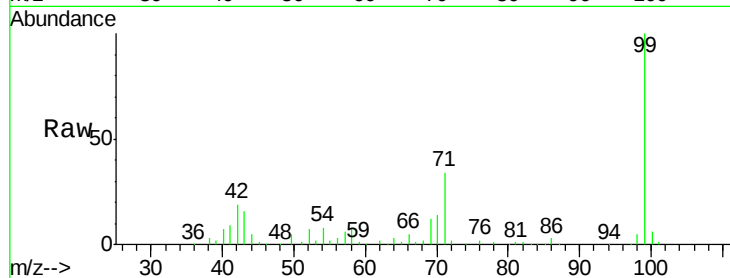
Tgt Ion: 99 Resp: 147137

Ion Ratio Lower Upper

99 100

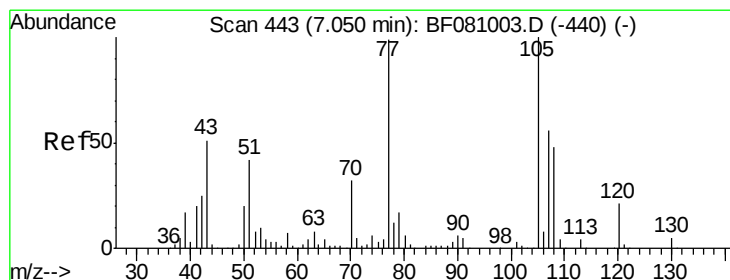
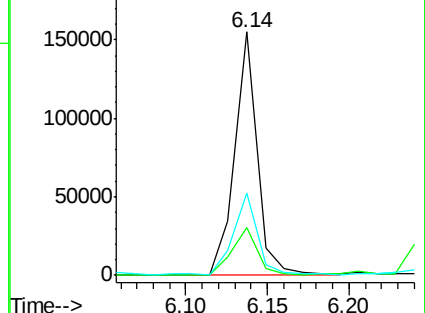
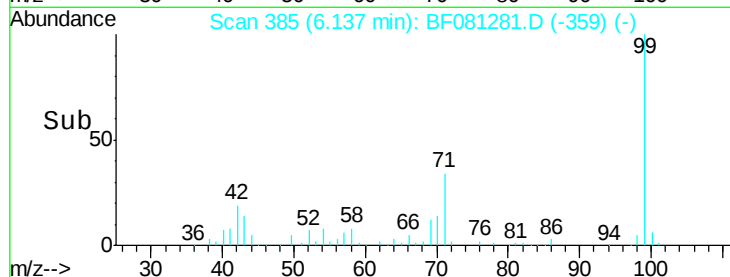
42 19.4 19.6 29.4#

71 33.9 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

6.14



#20

3+4-Methylphenols

Concen: 3.07 ng

RT: 6.93 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Tgt Ion: 107 Resp: 13952

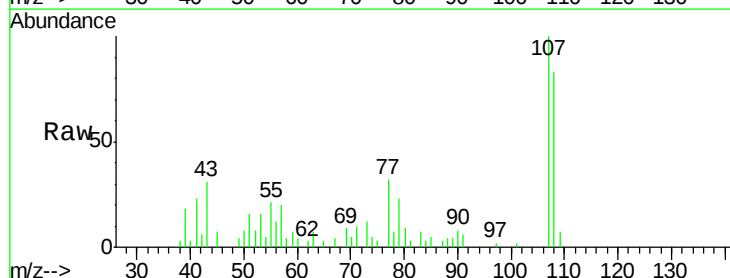
Ion Ratio Lower Upper

107 100

108 82.9 66.1 106.1

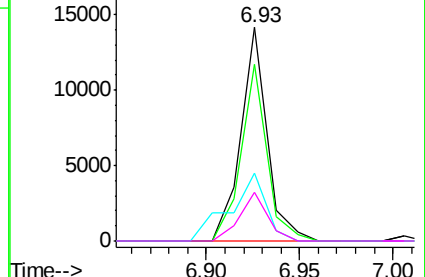
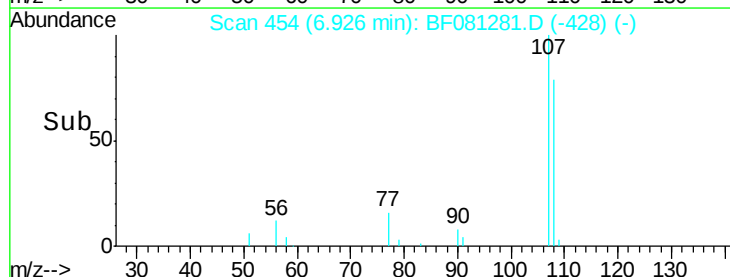
77 31.8 139.3 179.3#

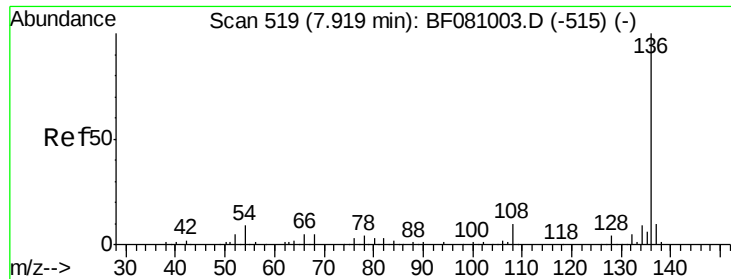
79 22.7 11.9 51.9



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

6.93

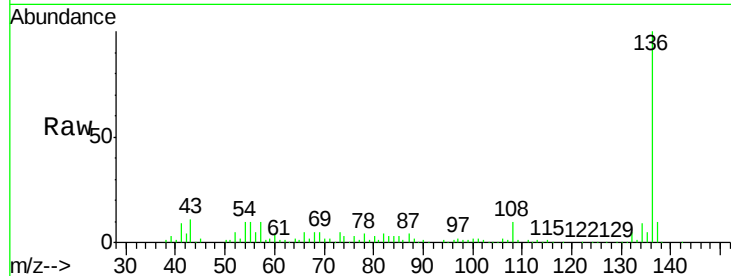




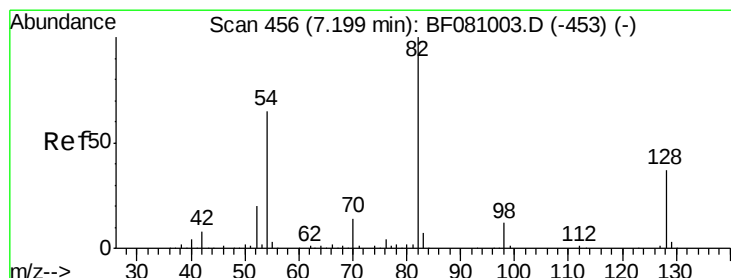
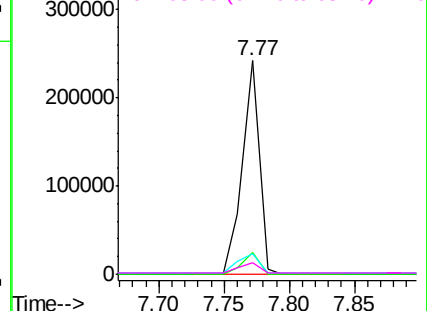
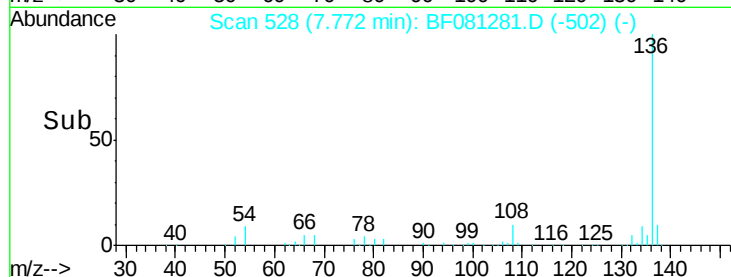
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081281.D
Acq: 29 Aug 2015 20:25

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:	136	Resp:	218065
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	9.7	7.7	11.5
68	5.3	3.4	5.2#

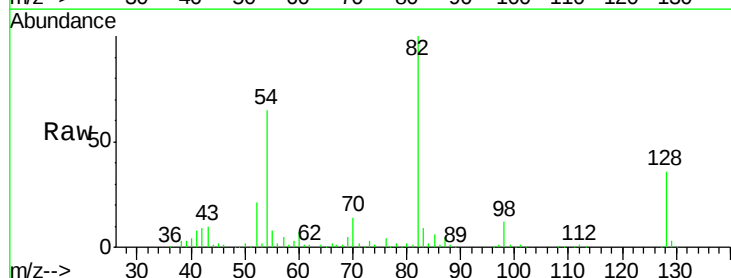


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

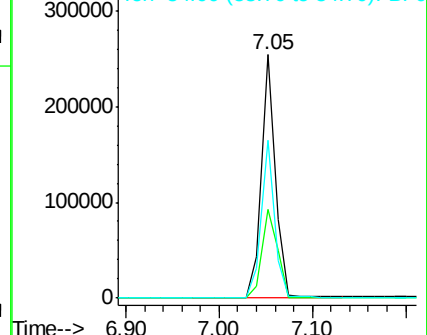
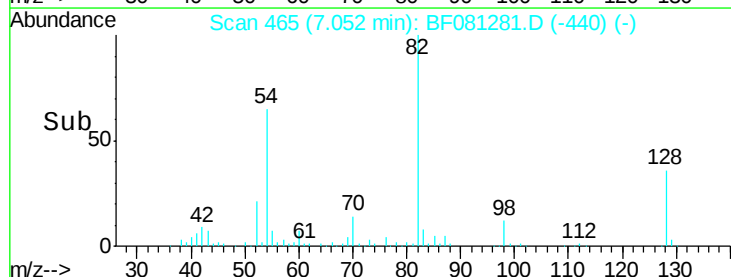


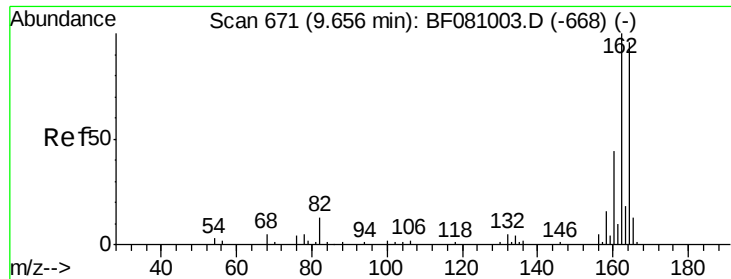
#23
Nitrobenzene-d5
Concen: 56.32 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF081281.D
Acq: 29 Aug 2015 20:25

Tgt Ion:	82	Resp:	268855
Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.6	42.8
54	65.0	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: 9.52 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampleId :

MW-2

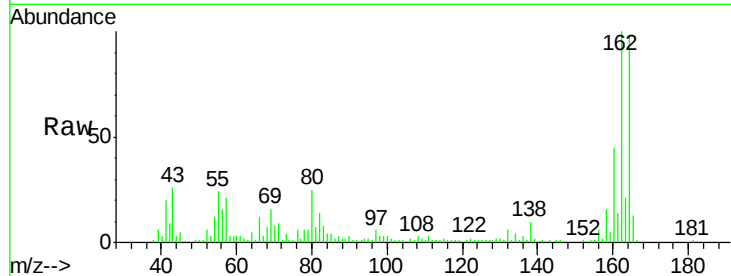
Tgt Ion:164 Resp: 96038

Ion Ratio Lower Upper

164 100

162 101.9 83.8 125.8

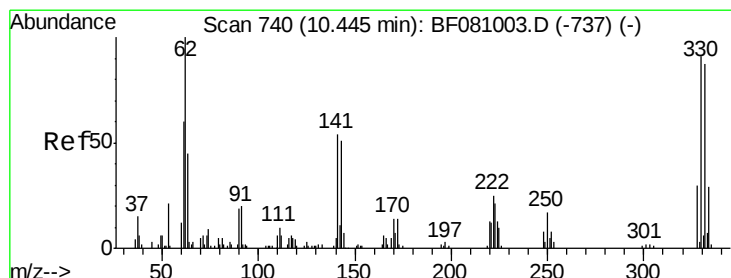
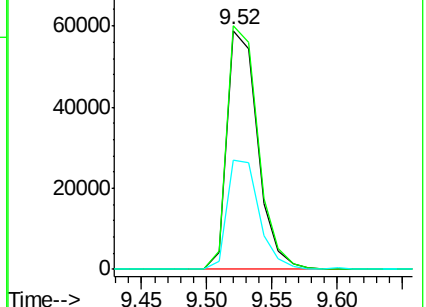
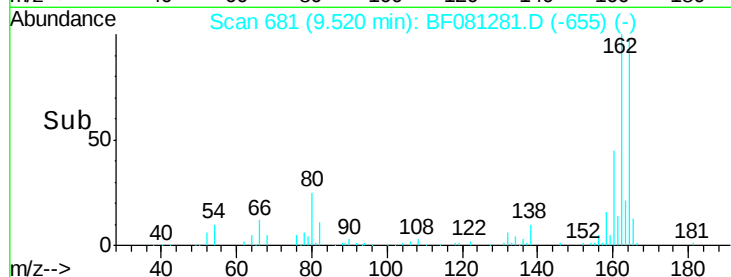
160 45.8 39.8 59.8



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: 95.21 ng

RT: 10.33 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

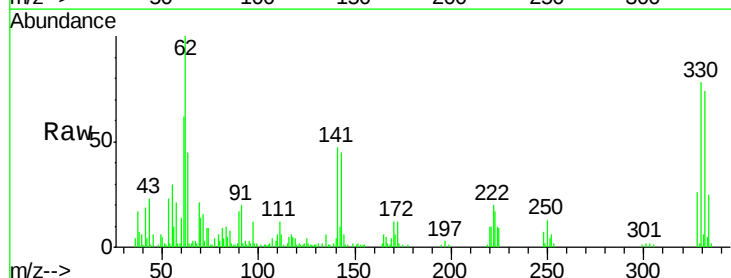
Tgt Ion:330 Resp: 79265

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

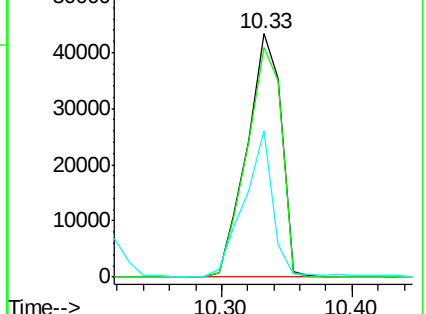
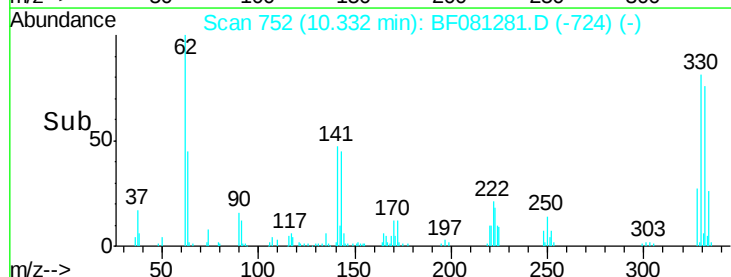
141 52.3 44.9 67.3

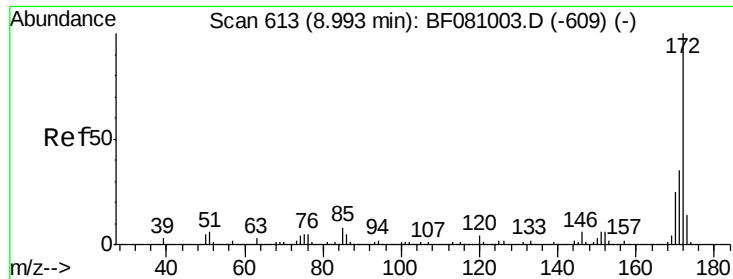


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

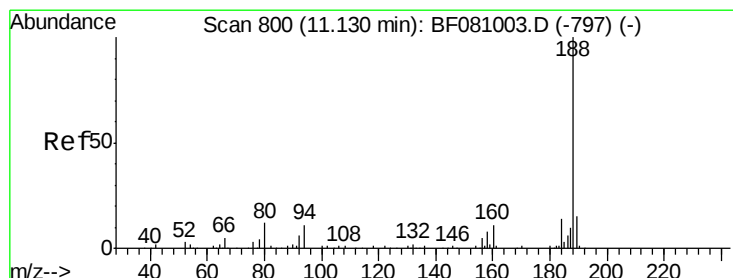
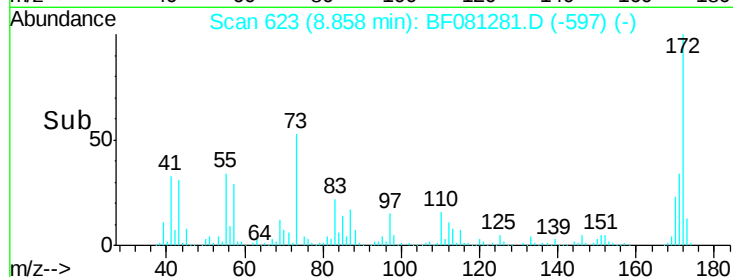
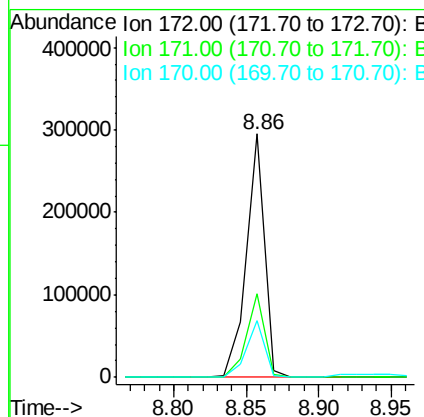
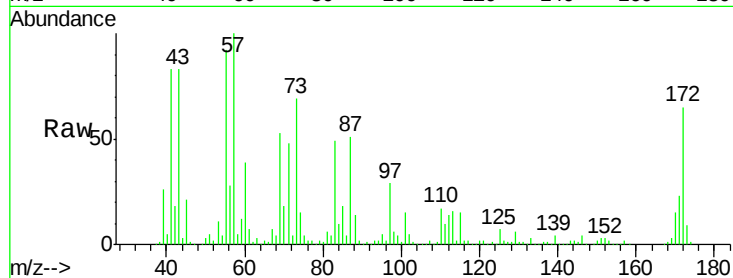




#44
 2-Fluorobiphenyl
 Concen: 34.98 ng
 RT: 8.86 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

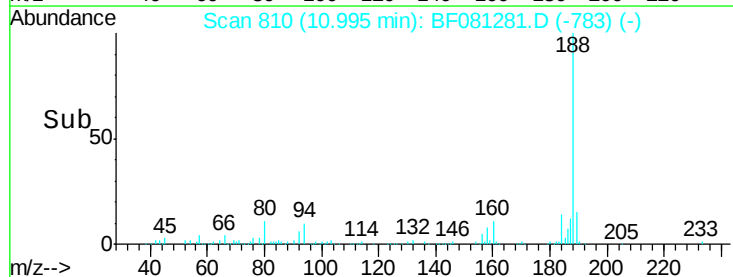
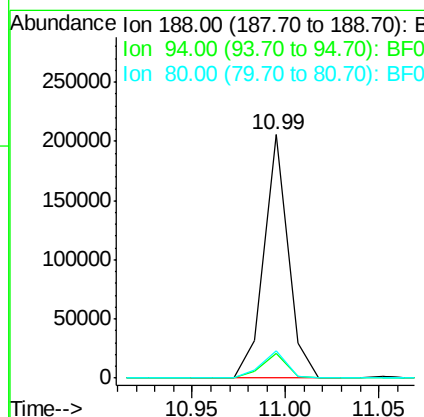
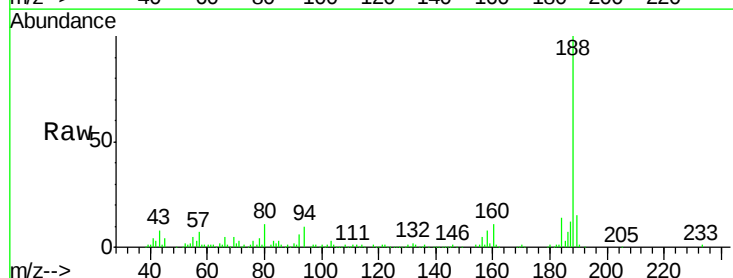
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

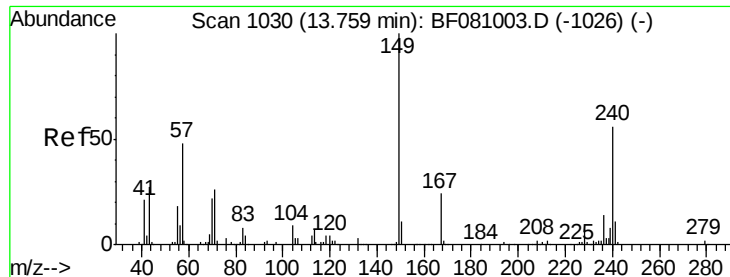
Tgt Ion:172 Resp: 256402
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 23.2 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion:188 Resp: 183712
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.2 12.2
 80 11.4 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: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampleId :

MW-2

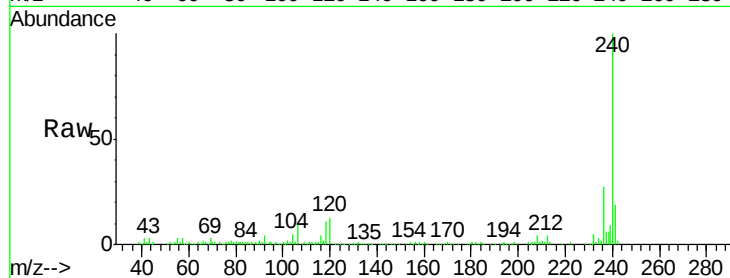
Tgt Ion:240 Resp: 151196

Ion Ratio Lower Upper

240 100

120 12.5 5.6 8.4#

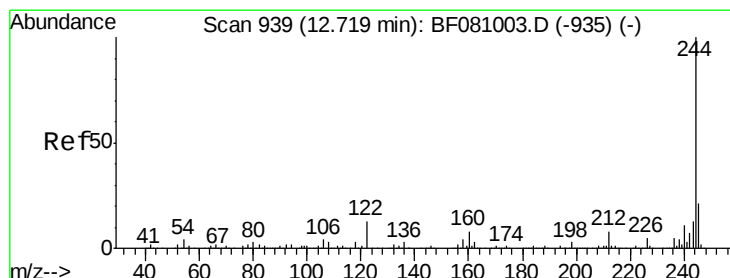
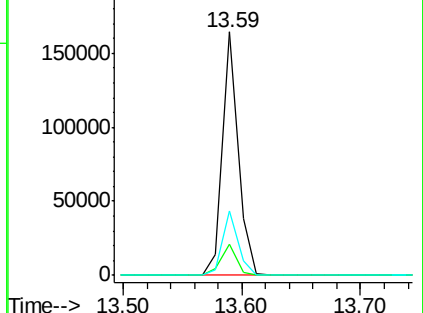
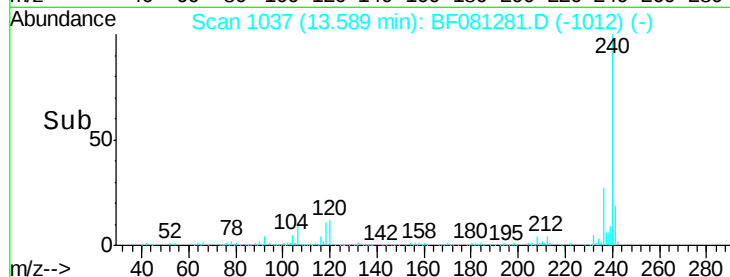
236 26.6 20.6 30.8



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: 60.33 ng

RT: 12.57 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

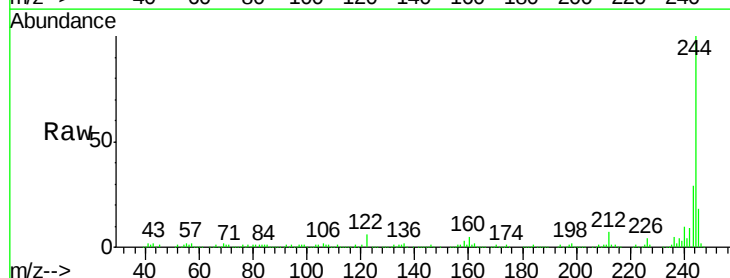
Tgt Ion:244 Resp: 425487

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

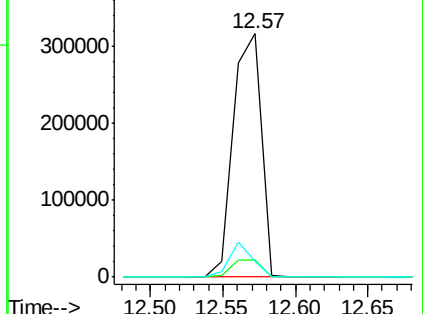
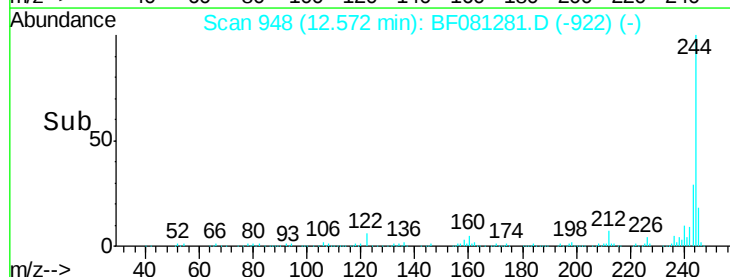
122 6.3 8.2 12.4#

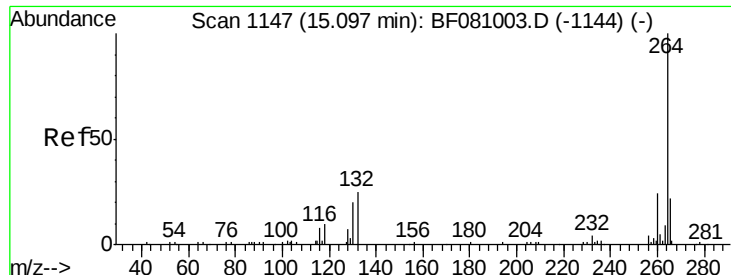


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

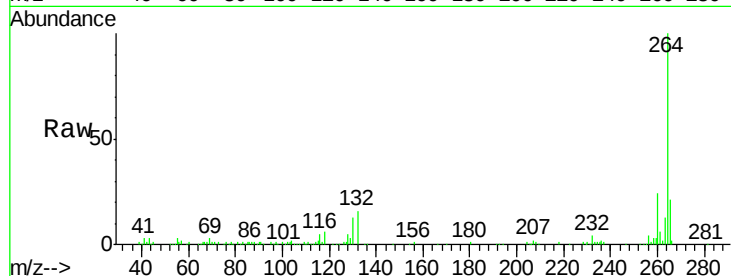




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 264 Resp: 110238
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.5 17.5 26.3



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

