

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081283.D
 Acq On : 29 Aug 2015 21:26
 Operator : UM/IZ
 Sample : G3474-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Aug 31 02:14:30 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

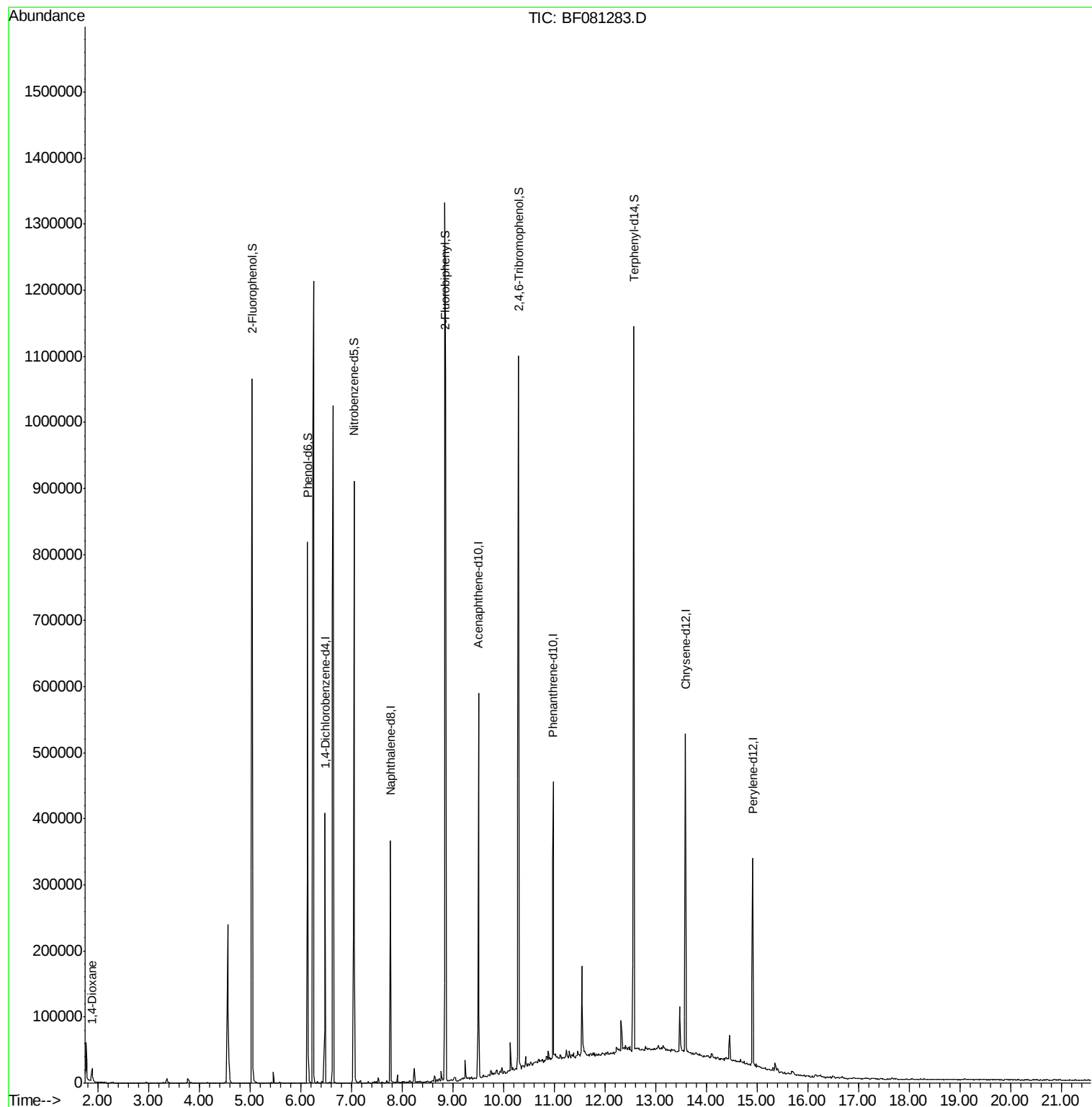
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	56347	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	210670	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	101263	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	194366	20.00	ng	0.00
75) Chrysene-d12	13.59	240	155745	20.00	ng	-0.01
86) Perylene-d12	14.92	264	121126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	273323	72.96	ng	0.01
7) Phenol-d6	6.14	99	279959	57.28	ng	0.00
23) Nitrobenzene-d5	7.05	82	305502	66.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	97466	111.04	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	592911	76.72	ng	0.00
78) Terphenyl-d14	12.57	244	513465	70.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.89	88	9704	5.50	ng	Qvalue 95

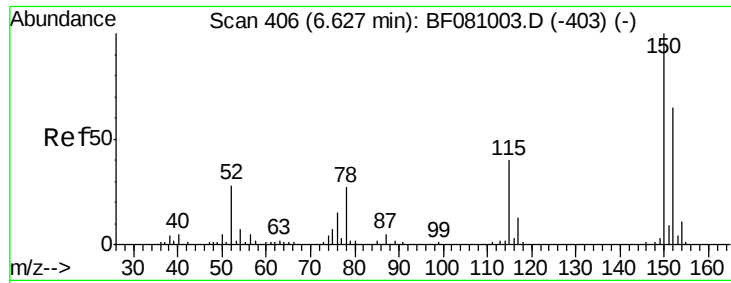
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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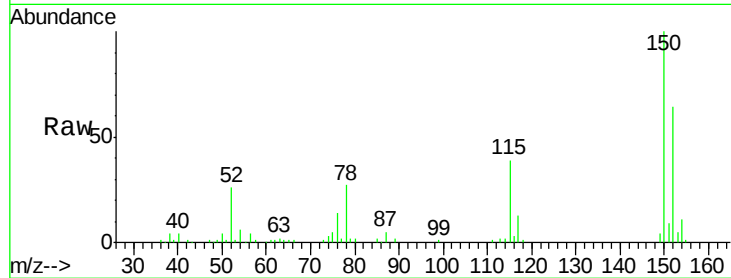


#1

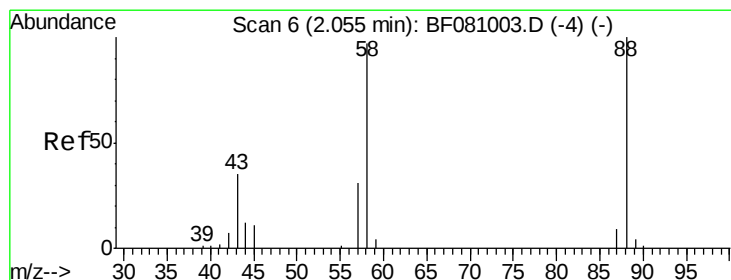
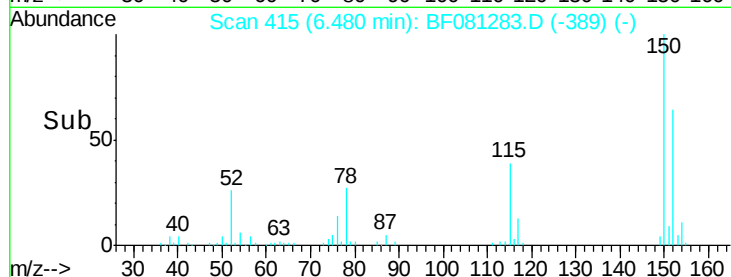
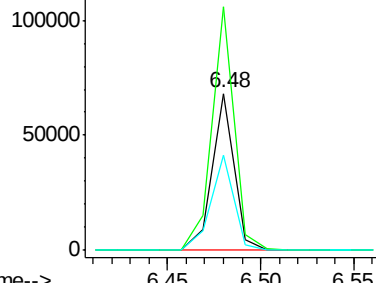
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:152 Resp: 56347
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.8 185.6
 115 60.5 52.1 78.1



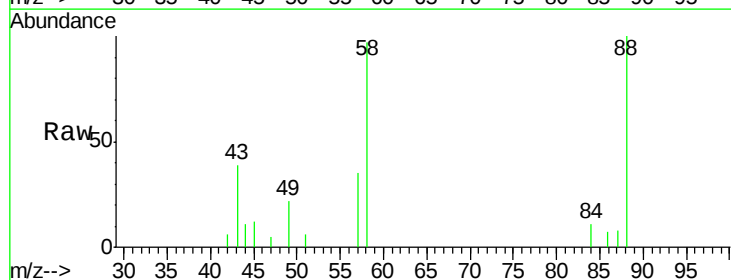
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



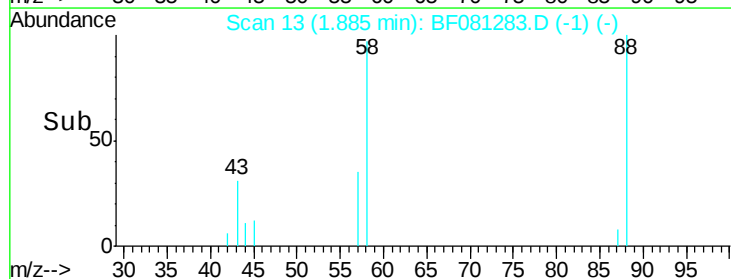
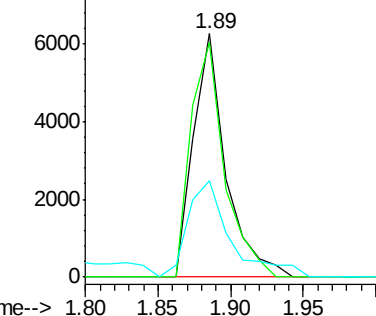
#2

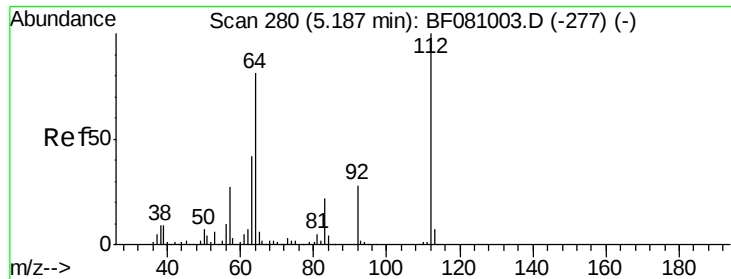
1,4-Dioxane
 Concen: 5.50 ng
 RT: 1.89 min Scan# 13
 Delta R.T. 0.03 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Tgt Ion: 88 Resp: 9704
 Ion Ratio Lower Upper
 88 100
 58 100.4 83.7 125.5
 43 52.1 37.5 56.3



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: 72.96 ng

RT: 5.04 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

Instrument :

BNA_F

ClientSampleId :

MW-02

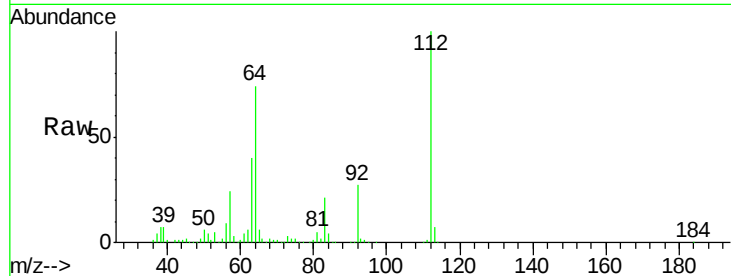
Tgt Ion: 112 Resp: 273323

Ion Ratio Lower Upper

112 100

64 74.4 66.9 100.3

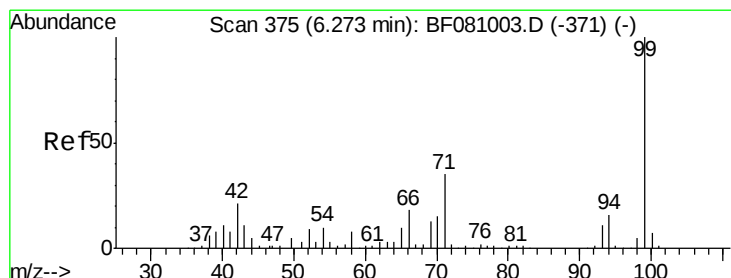
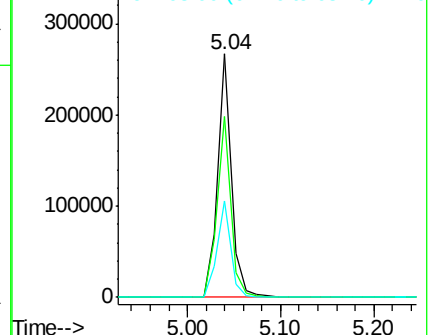
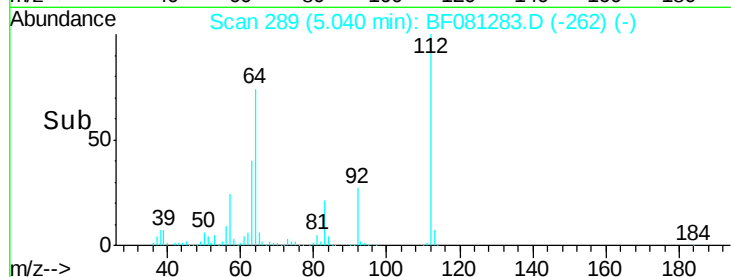
63 39.5 38.1 57.1



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: 57.28 ng

RT: 6.14 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

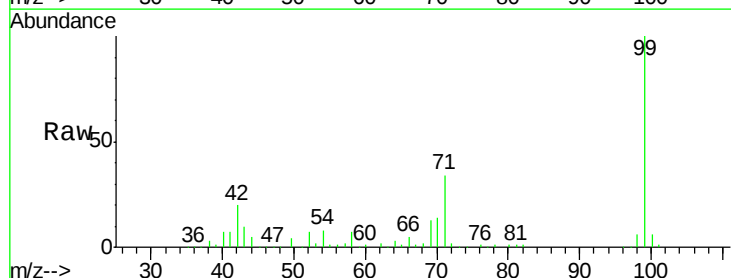
Tgt Ion: 99 Resp: 279959

Ion Ratio Lower Upper

99 100

42 19.7 19.6 29.4

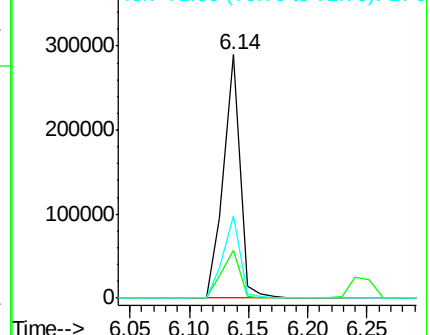
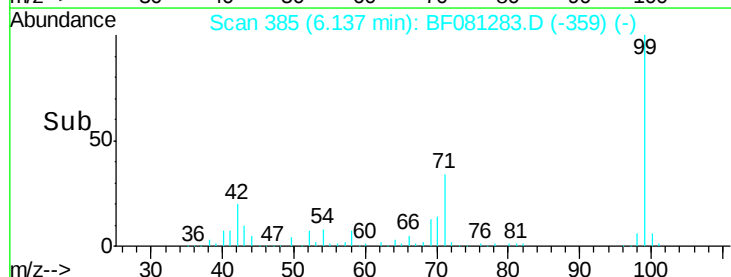
71 33.9 31.2 46.8

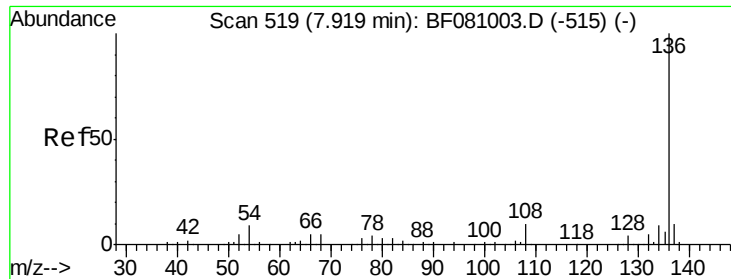


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

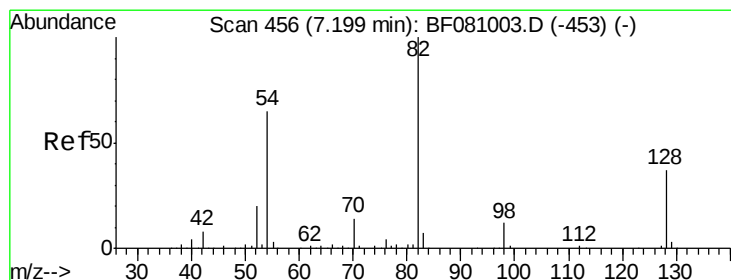
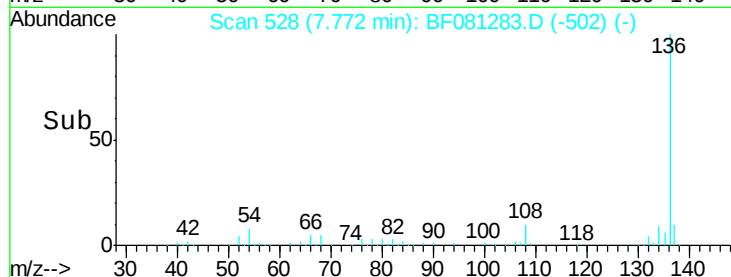
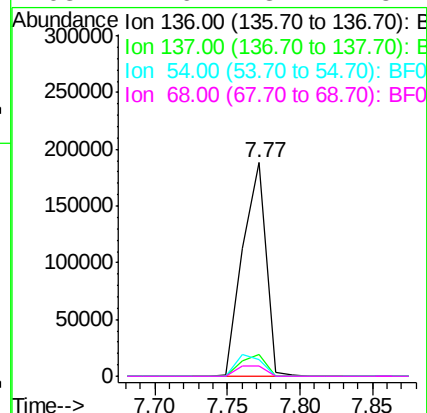
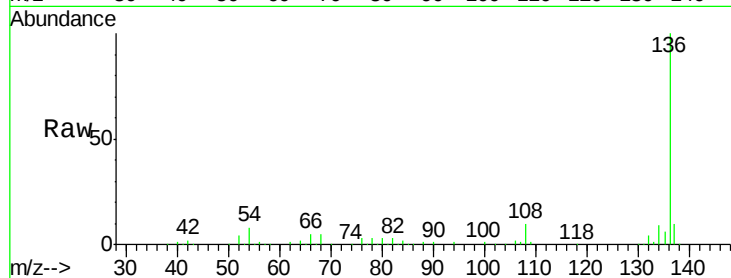




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

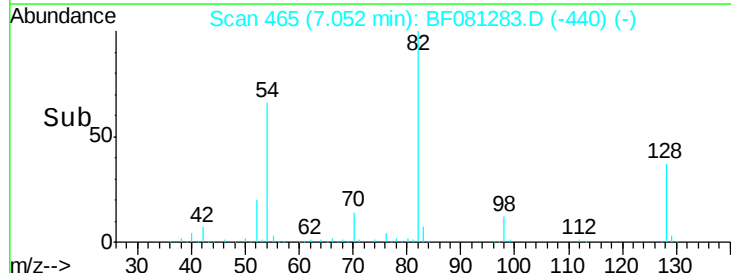
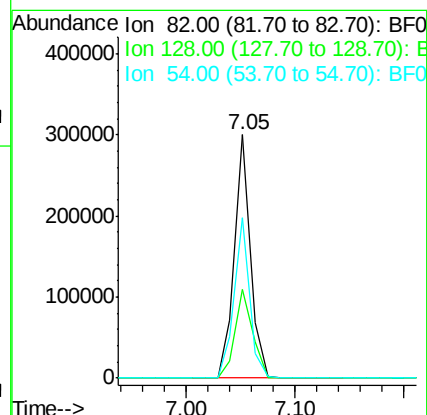
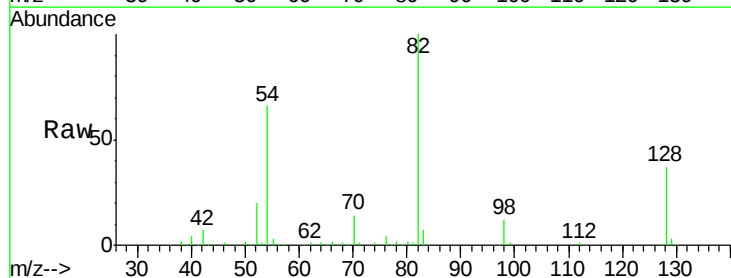
Instrument :
BNA_F
ClientSampleId :
MW-02

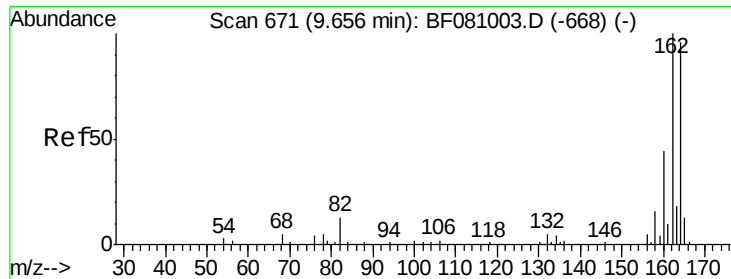
Tgt Ion:	136	Resp:	210670
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.8	7.7	11.5
68	4.6	3.4	5.2



#23
Nitrobenzene-d5
Concen: 66.24 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF081283.D
Acq: 29 Aug 2015 21:26

Tgt Ion:	82	Resp:	305502
Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.6	42.8
54	66.0	55.1	82.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

Instrument :

BNA_F

ClientSampleId :

MW-02

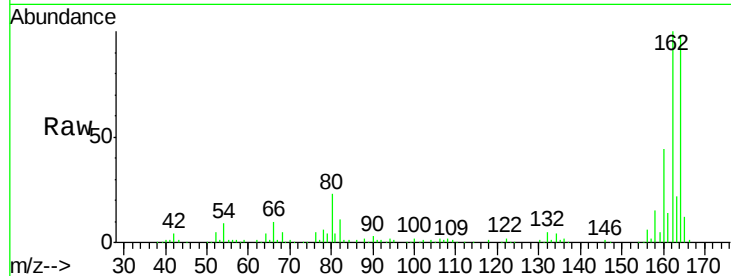
Tgt Ion:164 Resp: 101263

Ion Ratio Lower Upper

164 100

162 101.9 83.8 125.8

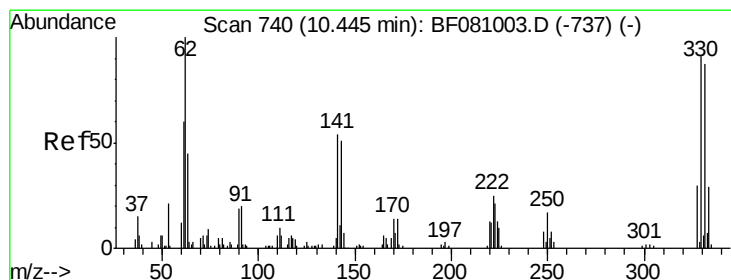
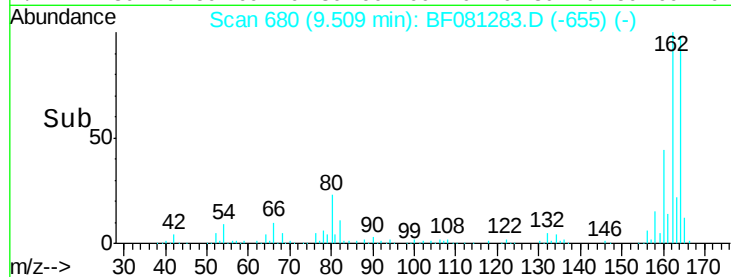
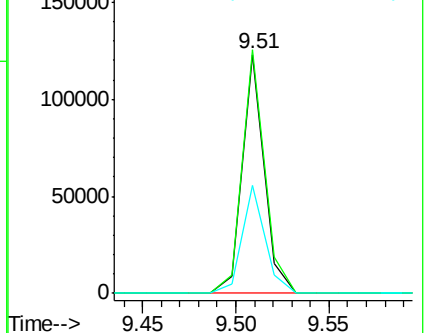
160 45.1 39.8 59.8



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: 111.04 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

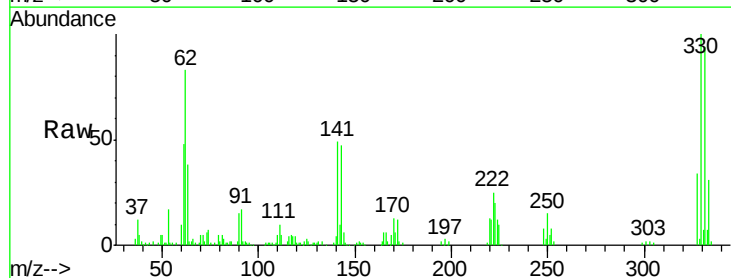
Tgt Ion:330 Resp: 97466

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

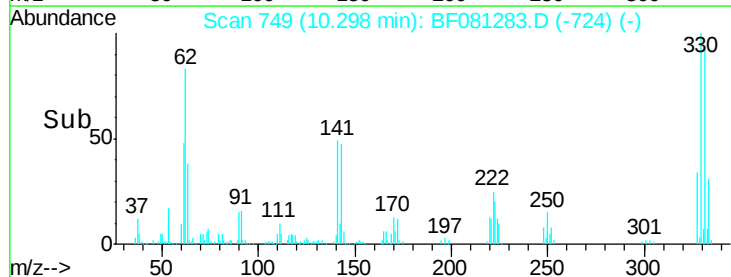
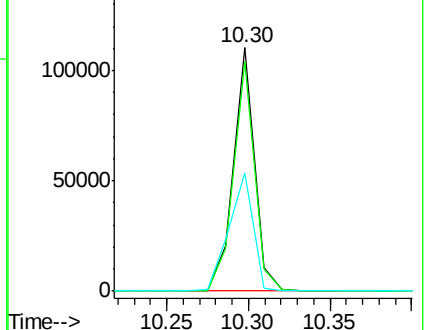
141 55.8 44.9 67.3

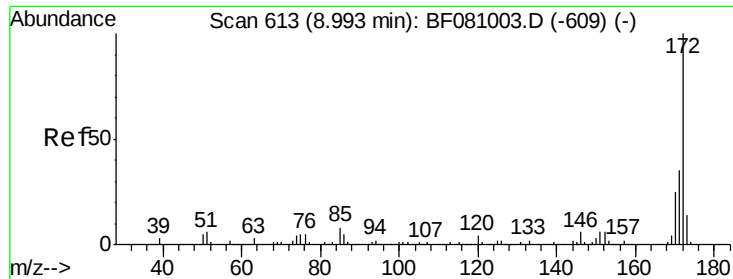


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

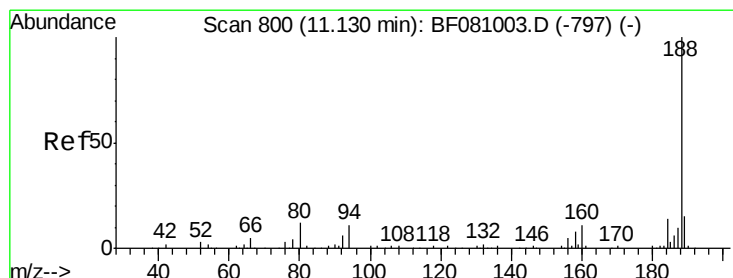
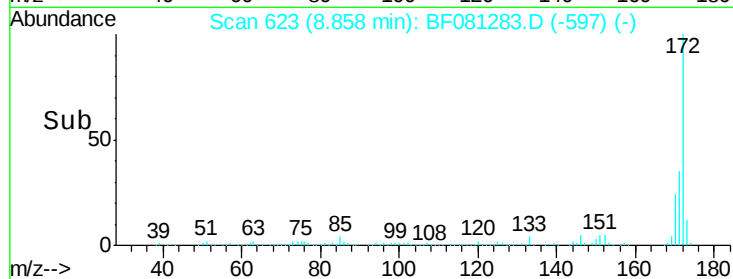
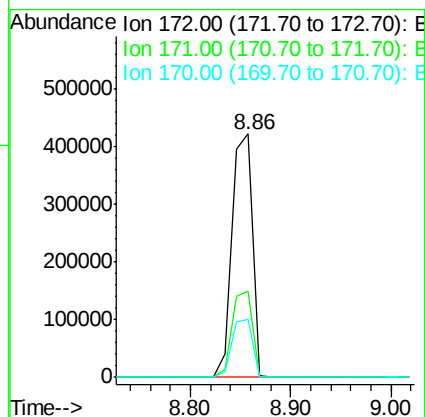
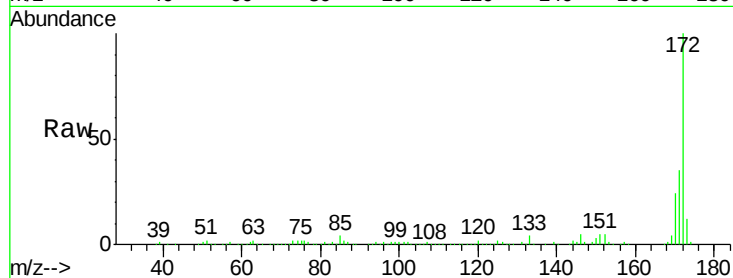




#44
 2-Fluorobiphenyl
 Concen: 76.72 ng
 RT: 8.86 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

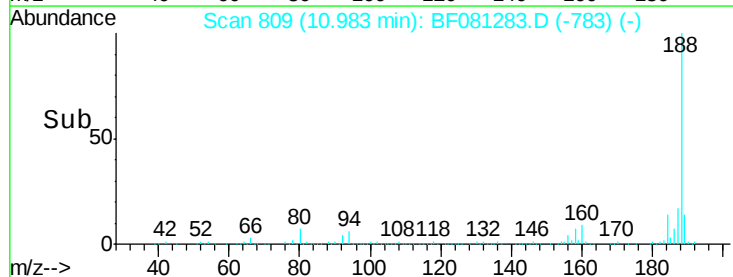
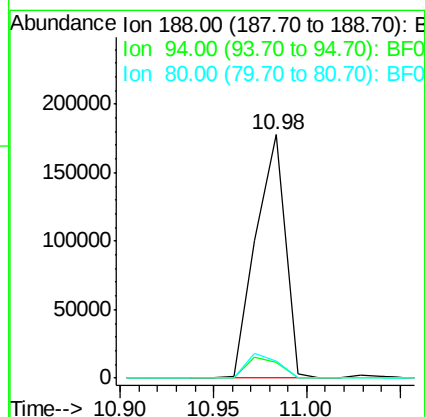
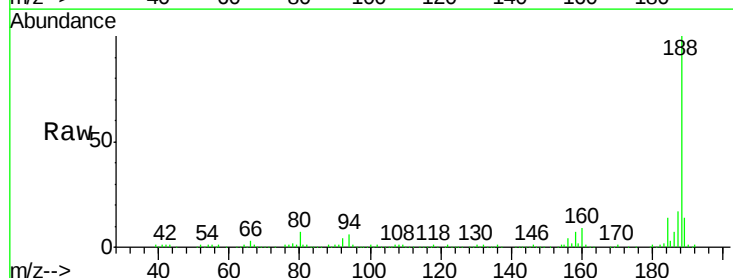
Instrument :
 BNA_F
 ClientSampled :
 MW-02

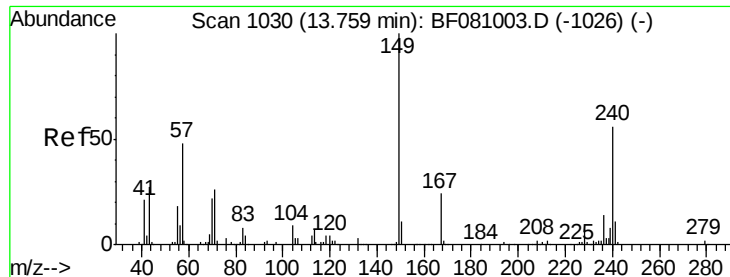
Tgt Ion:172 Resp: 592911
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 24.0 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF081283.D
 Acq: 29 Aug 2015 21:26

Tgt Ion:188 Resp: 194366
 Ion Ratio Lower Upper
 188 100
 94 6.4 8.2 12.2#
 80 6.8 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: BF081283.D

Acq: 29 Aug 2015 21:26

Instrument :

BNA_F

ClientSampleId :

MW-02

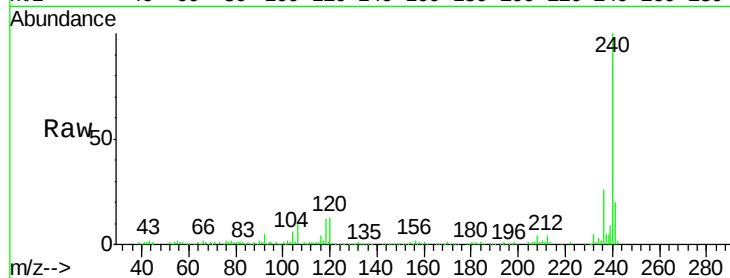
Tgt Ion:240 Resp: 155745

Ion Ratio Lower Upper

240 100

120 13.4 5.6 8.4#

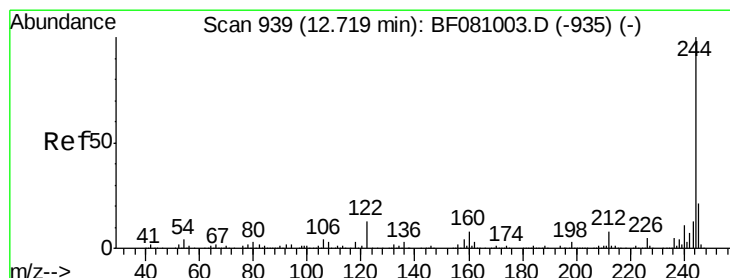
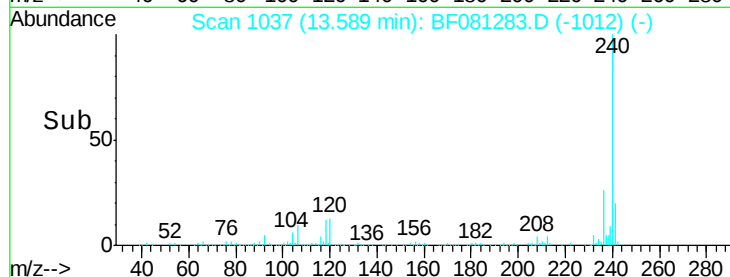
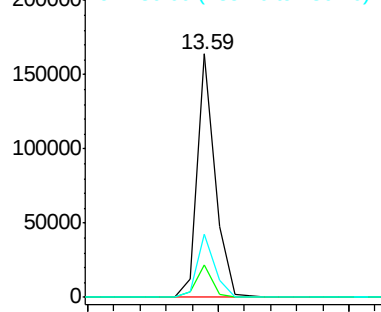
236 25.8 20.6 30.8



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: 70.68 ng

RT: 12.57 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081283.D

Acq: 29 Aug 2015 21:26

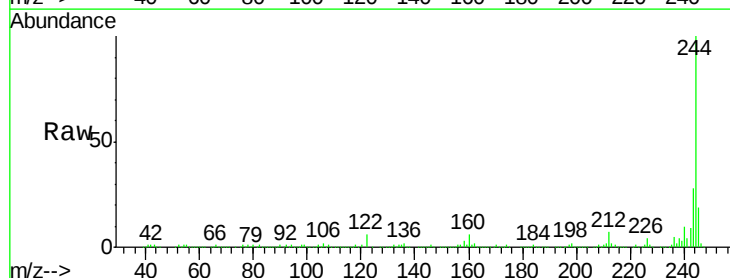
Tgt Ion:244 Resp: 513465

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

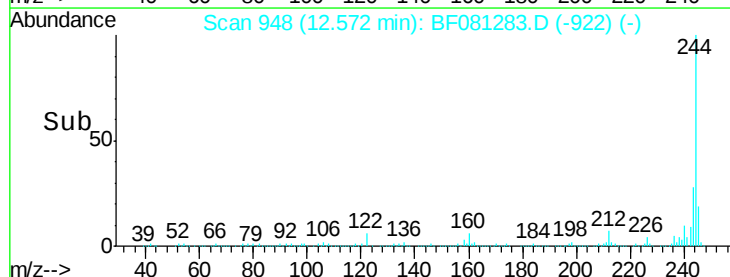
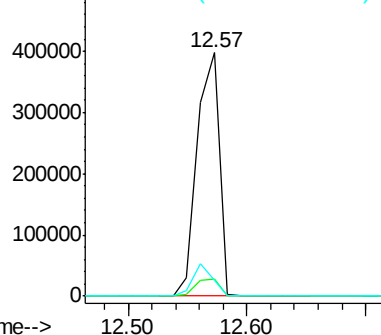
122 6.4 8.2 12.4#

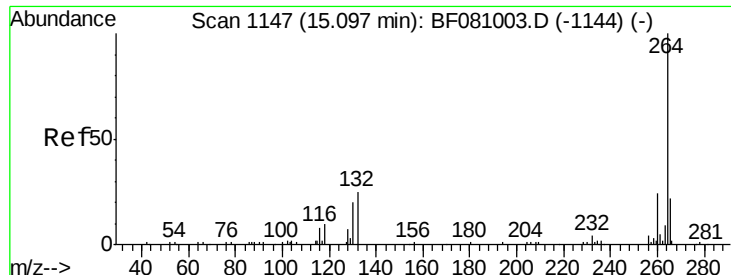


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081283.D
Acq: 29 Aug 2015 21:26

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 264 Resp: 121126
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.6 17.5 26.3

