

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081486.D
 Acq On : 6 Sep 2015 2:35
 Operator : UM/IZ
 Sample : G3557-02
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-090215

Quant Time: Sep 07 05:07:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 04:41:53 2015
 Response via : Initial Calibration

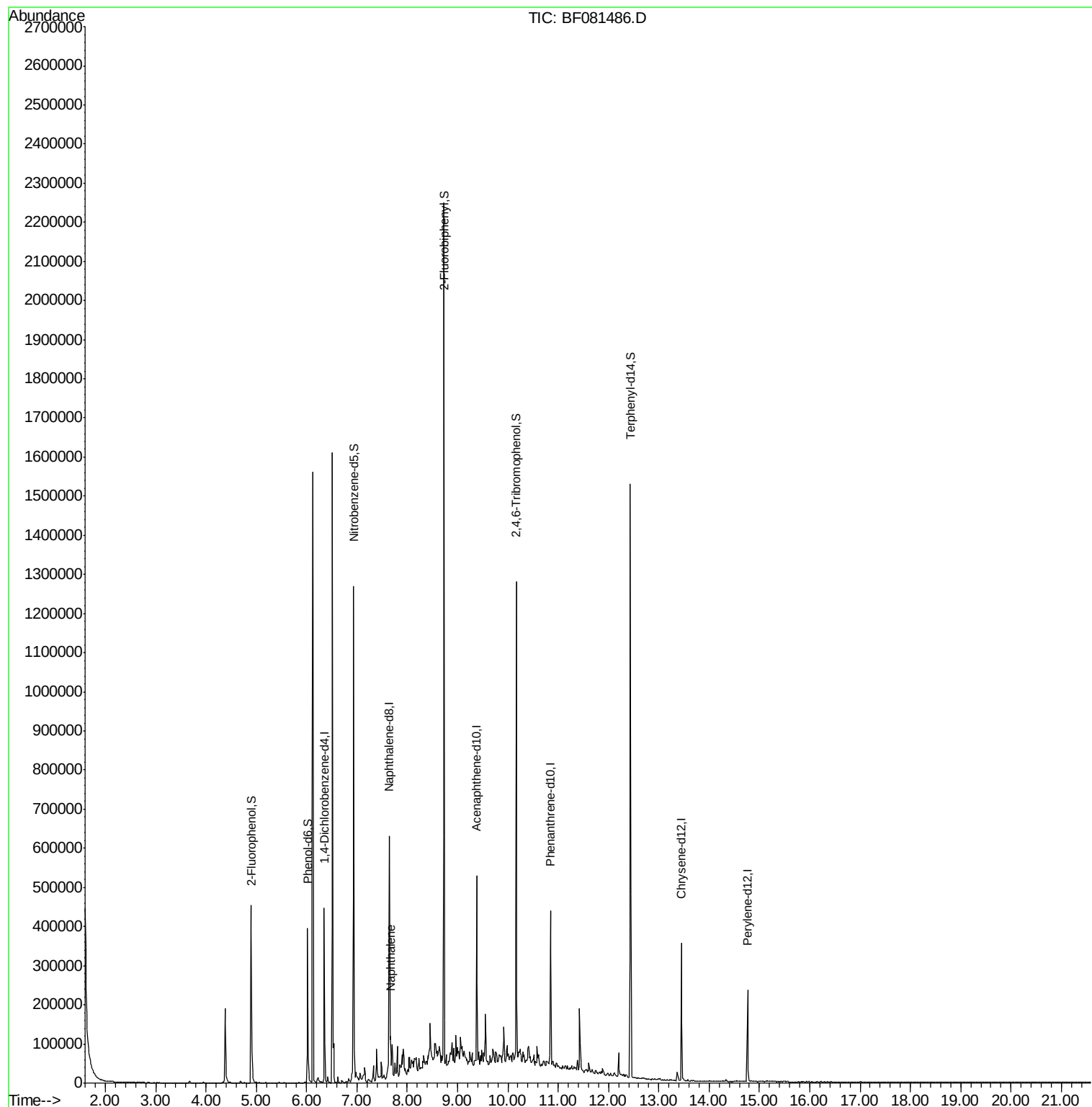
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57993	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	223061	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96371	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	183088	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	135349	20.00	ng	-0.01
86) Perylene-d12	14.77	264	100059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	170914	45.73	ng	0.01
7) Phenol-d6	6.02	99	133574	27.00	ng	-0.01
23) Nitrobenzene-d5	6.94	82	402191	86.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	105948	123.47	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	639697	85.06	ng	0.00
78) Terphenyl-d14	12.43	244	493056	84.80	ng	0.00
Target Compounds						
31) Naphthalene	7.67	128	35871	3.02	ng	Qvalue 95

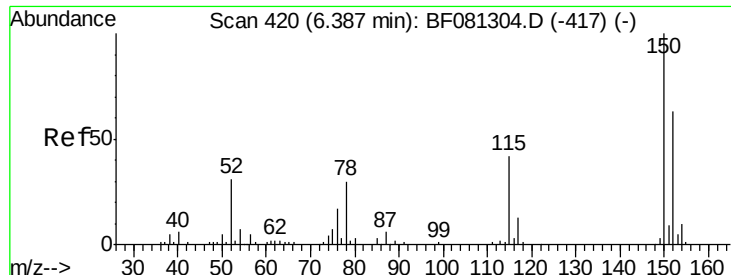
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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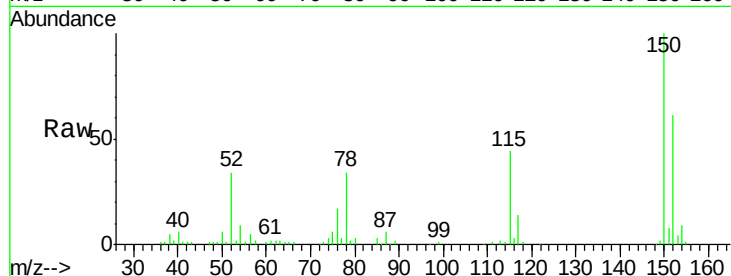


#1

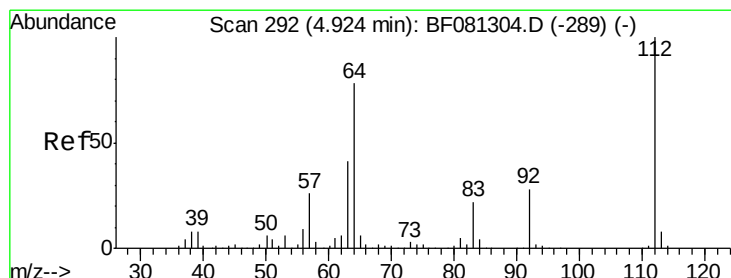
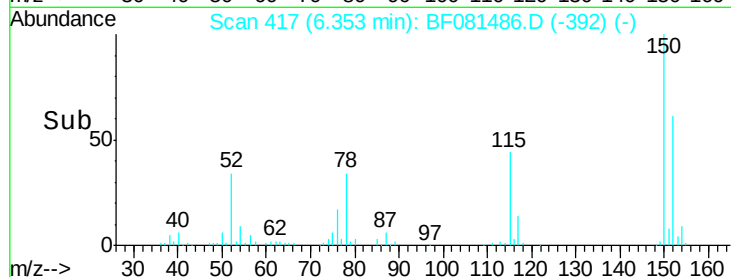
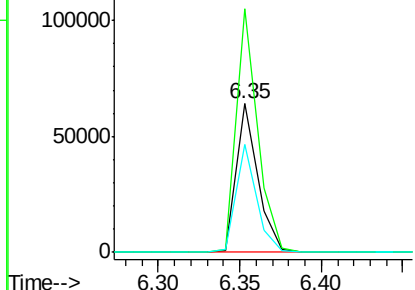
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081486.D
Acq: 6 Sep 2015 2:35

Instrument :
BNA_F
ClientSampleId :
MW-2-090215

Tgt Ion:152 Resp: 57993
Ion Ratio Lower Upper
152 100
150 163.9 124.7 187.1
115 72.3 39.0 58.4#



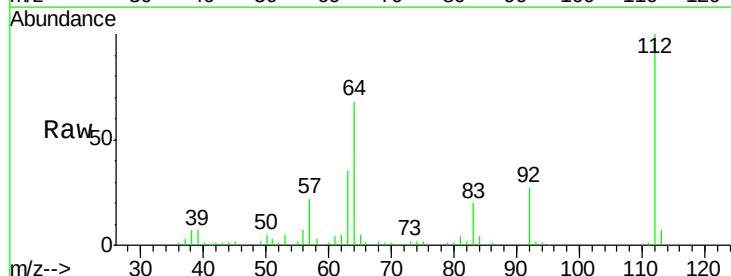
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



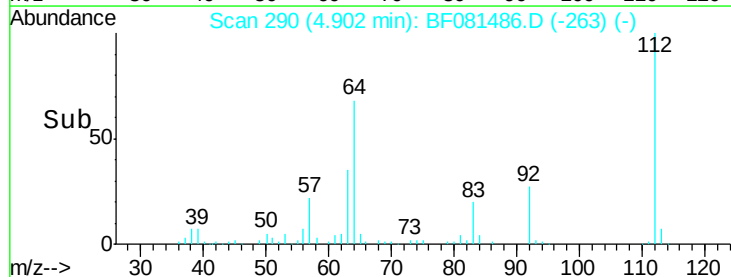
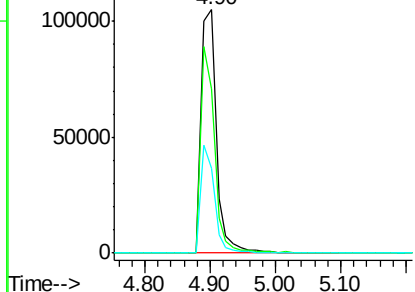
#5

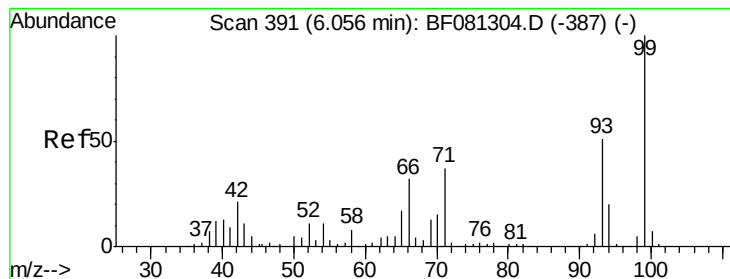
2-Fluorophenol
Concen: 45.73 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF081486.D
Acq: 6 Sep 2015 2:35

Tgt Ion:112 Resp: 170914
Ion Ratio Lower Upper
112 100
64 67.5 39.7 59.5#
63 34.9 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: 27.00 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

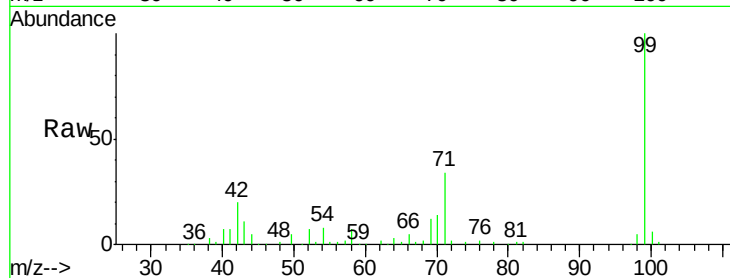
Tgt Ion: 99 Resp: 133574

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

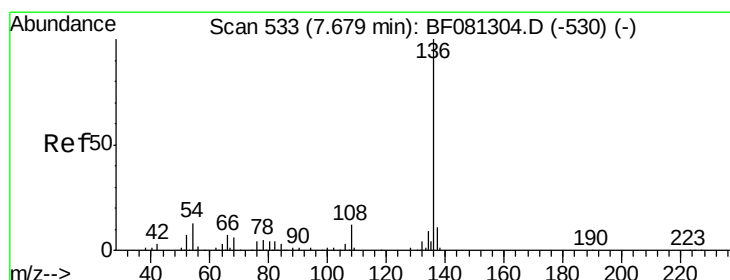
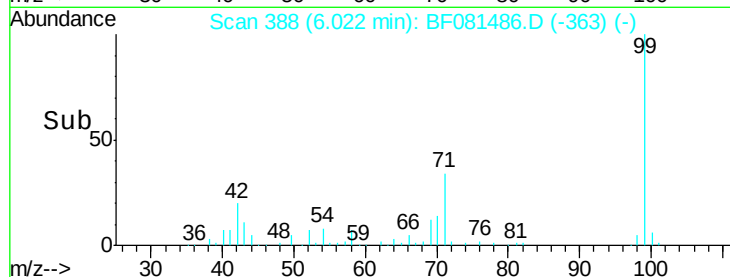
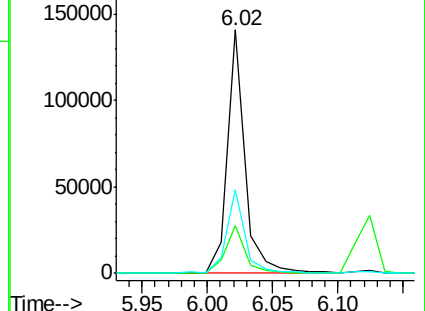
71 34.5 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Tgt Ion: 136 Resp: 223061

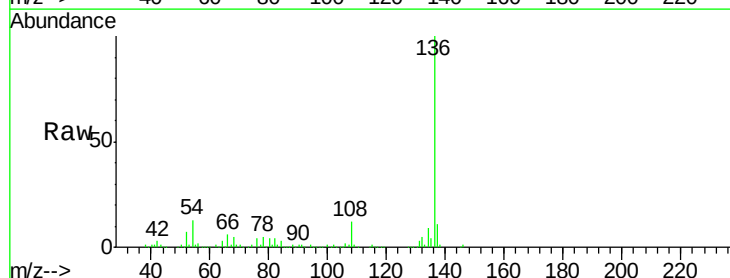
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 12.6 8.2 12.2#

68 5.4 5.8 8.6#

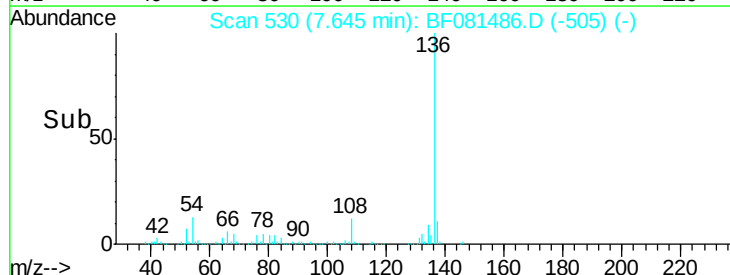
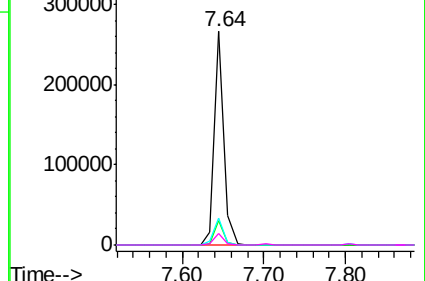


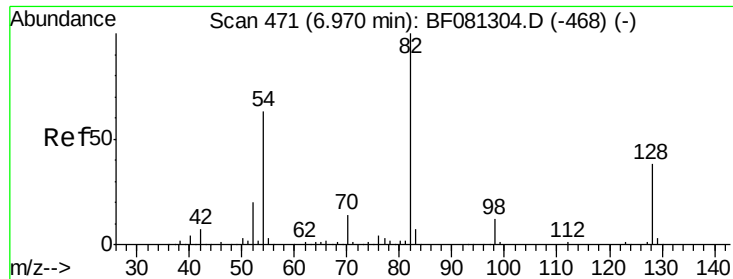
Abundance Ion 136.00 (135.70 to 136.70): E

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

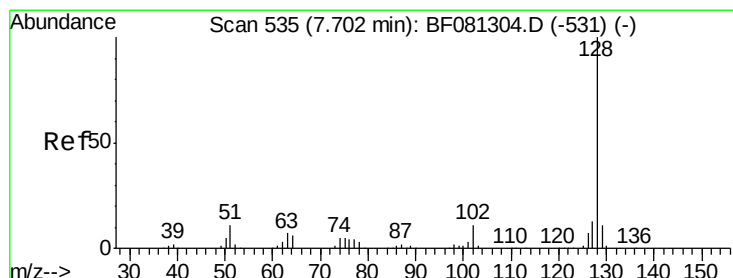
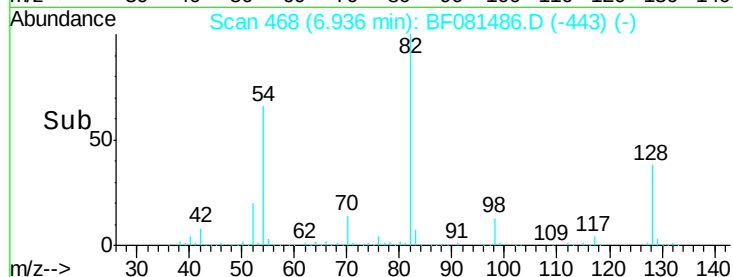
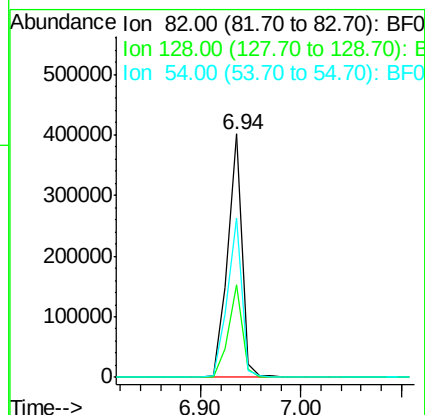
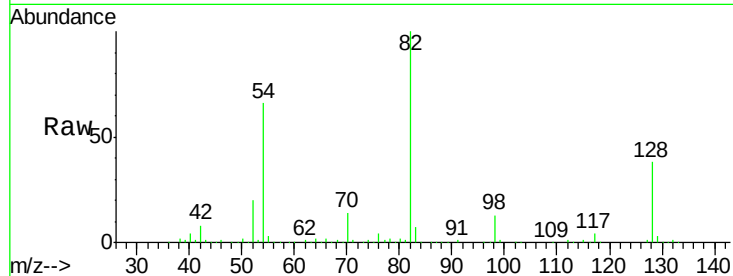




#23
 Nitrobenzene-d5
 Concen: 86.99 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081486.D
 Acq: 6 Sep 2015 2:35

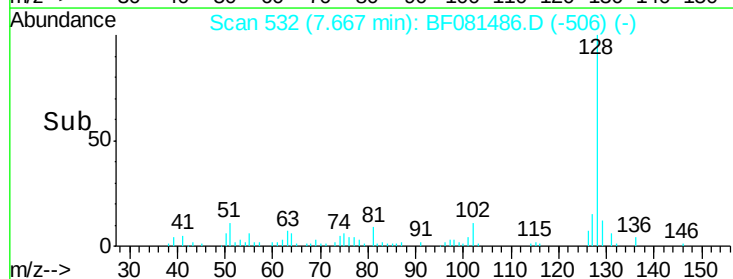
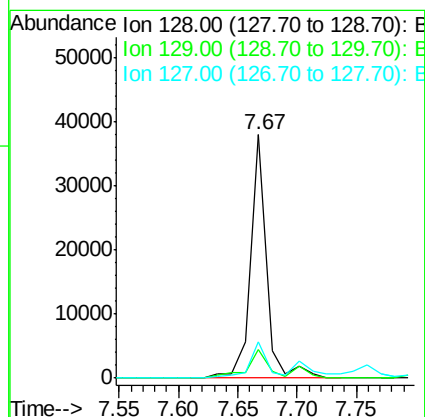
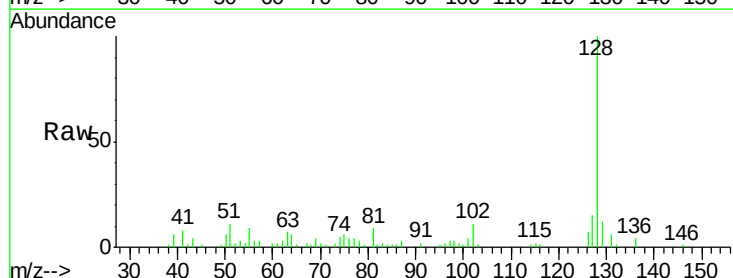
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-090215

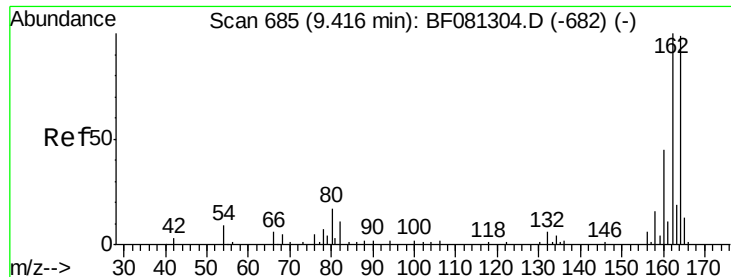
Tgt Ion: 82 Resp: 402191
 Ion Ratio Lower Upper
 82 100
 128 38.0 51.0 76.6#
 54 65.5 47.5 71.3



#31
 Naphthalene
 Concen: 3.02 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF081486.D
 Acq: 6 Sep 2015 2:35

Tgt Ion: 128 Resp: 35871
 Ion Ratio Lower Upper
 128 100
 129 12.0 8.4 12.6
 127 14.6 9.9 14.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

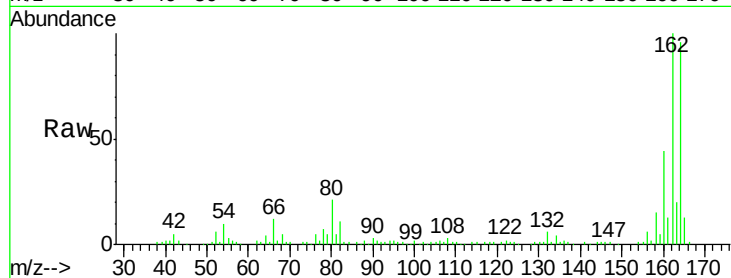
Tgt Ion:164 Resp: 96371

Ion Ratio Lower Upper

164 100

162 104.0 75.2 112.8

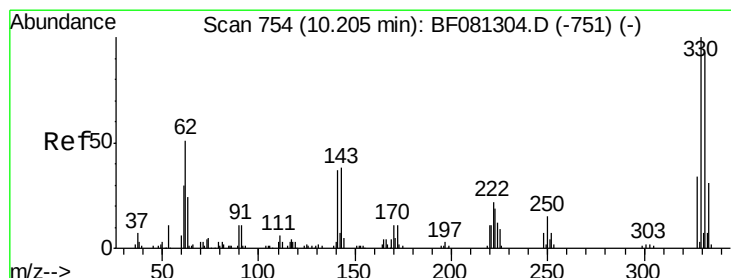
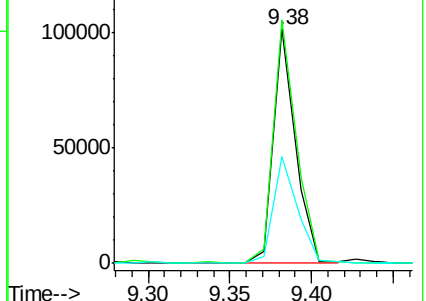
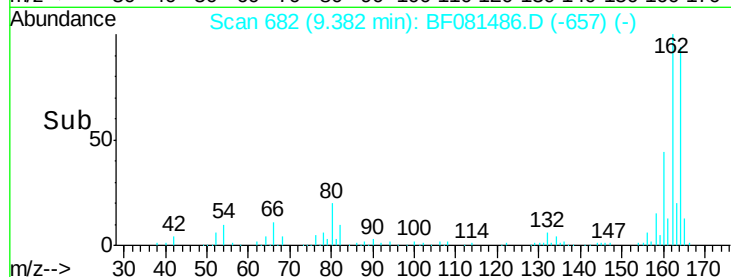
160 45.4 31.5 47.3



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: 123.47 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

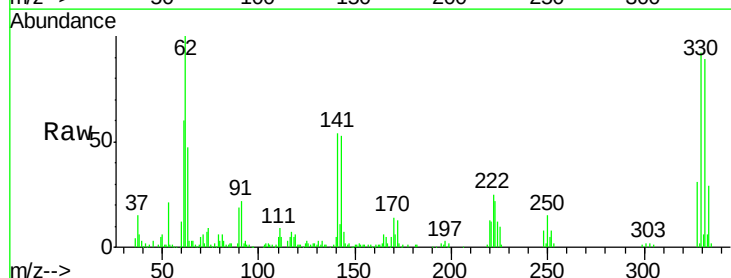
Tgt Ion:330 Resp: 105948

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

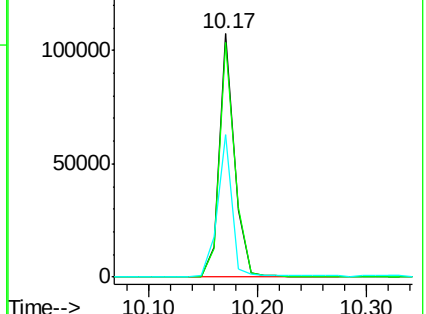
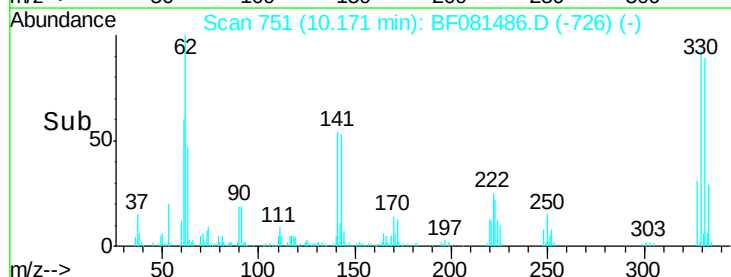
141 57.8 29.7 44.5#

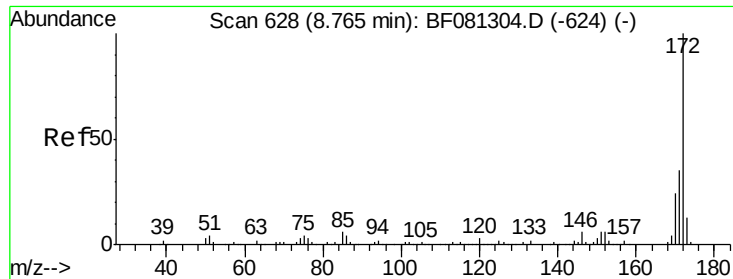


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

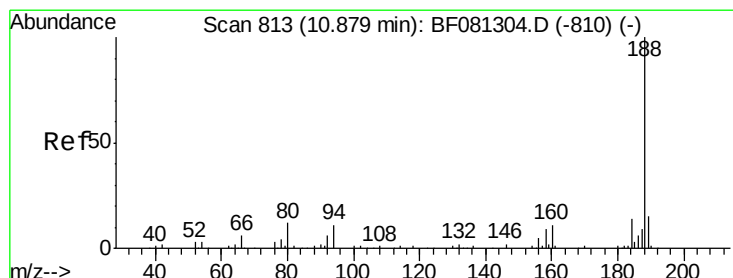
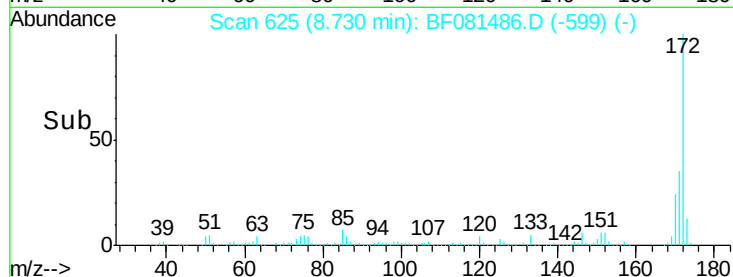
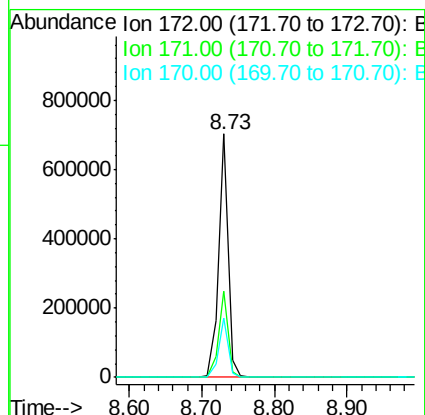
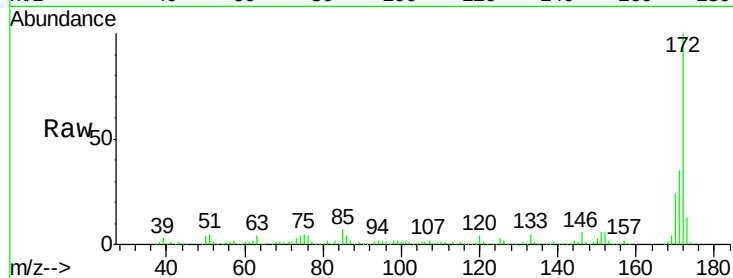




#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081486.D
 Acq: 6 Sep 2015 2:35

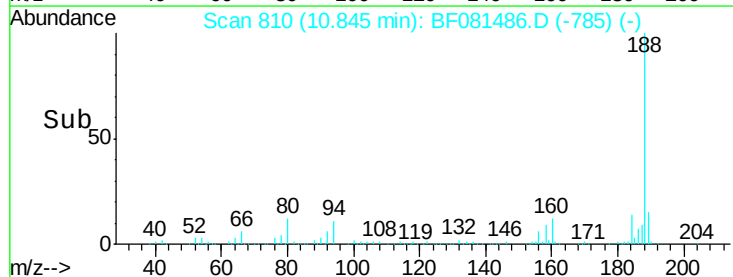
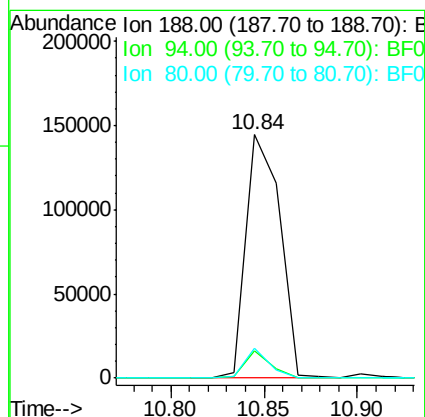
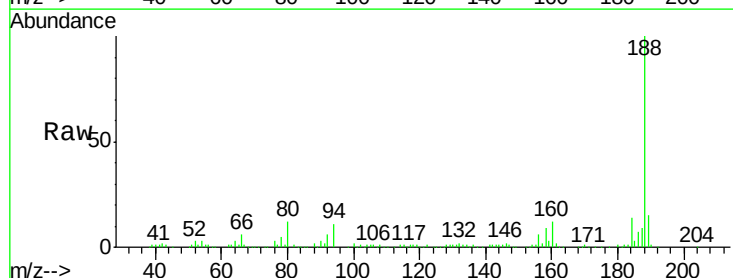
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-090215

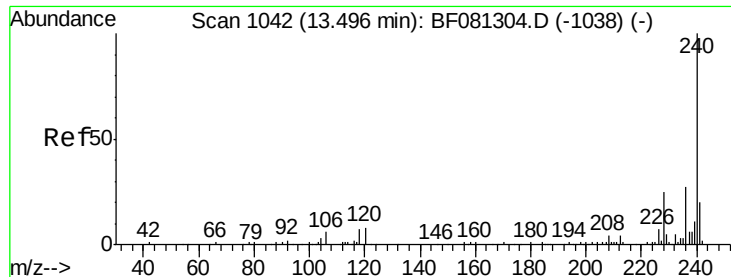
Tgt Ion:172 Resp: 639697
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.2 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081486.D
 Acq: 6 Sep 2015 2:35

Tgt Ion:188 Resp: 183088
 Ion Ratio Lower Upper
 188 100
 94 11.0 11.1 16.7#
 80 12.3 11.0 16.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

Instrument :

BNA_F

ClientSampleId :

MW-2-090215

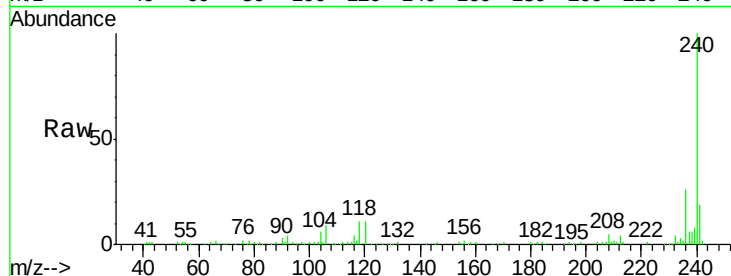
Tgt Ion:240 Resp: 135349

Ion Ratio Lower Upper

240 100

120 11.5 16.2 24.2#

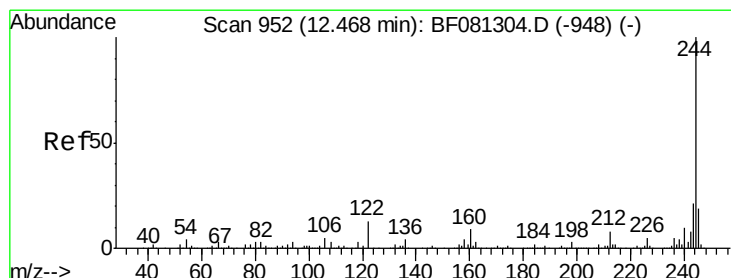
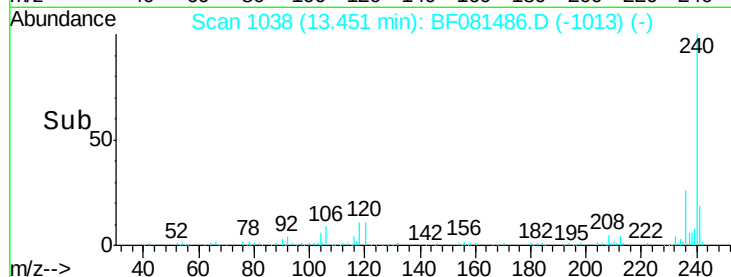
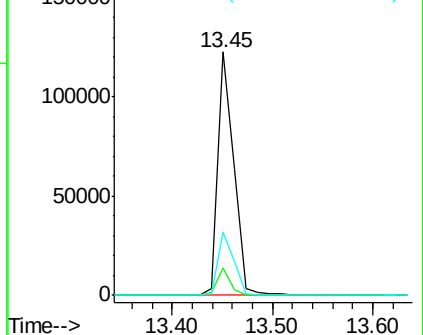
236 25.8 18.4 27.6



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: 84.80 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF081486.D

Acq: 6 Sep 2015 2:35

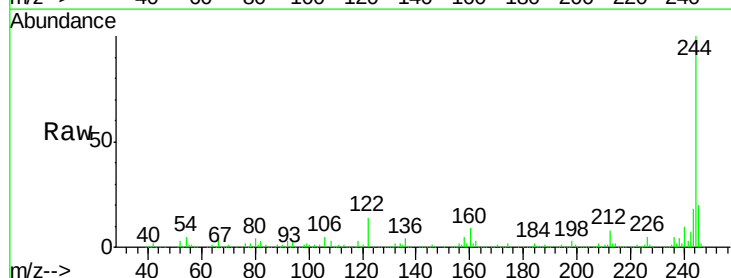
Tgt Ion:244 Resp: 493056

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

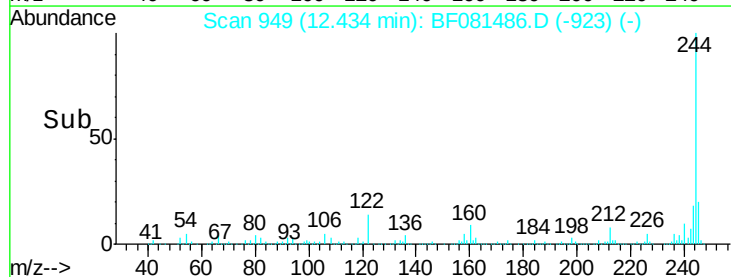
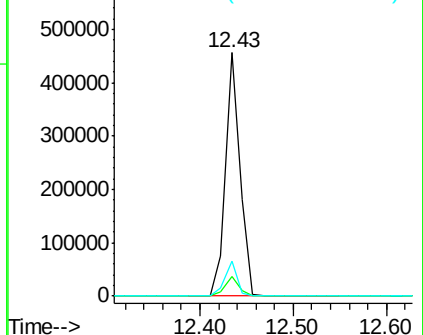
122 14.2 17.4 26.2#

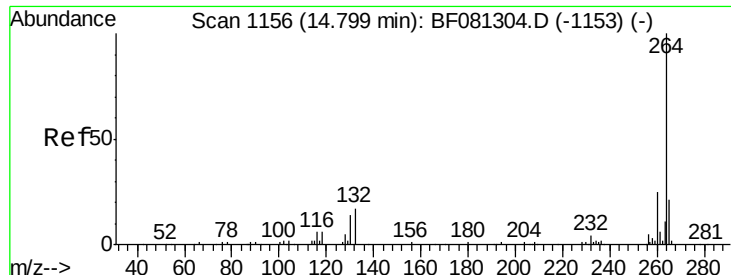


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

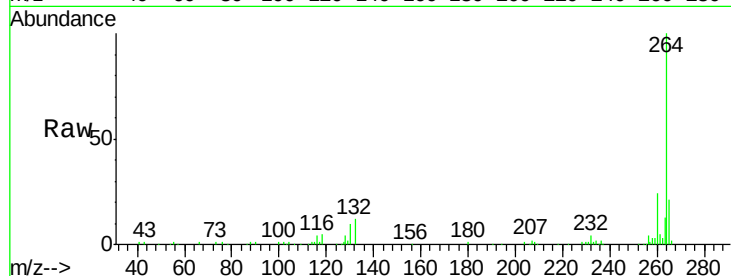




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081486.D
Acq: 6 Sep 2015 2:35

Instrument :
BNA_F
ClientSampleId :
MW-2-090215

Tgt Ion: 264 Resp: 100059
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 20.7 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

