

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083490.D
 Acq On : 4 Dec 2015 6:31
 Operator : UM/IZ
 Sample : G4588-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Dec 04 07:59:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

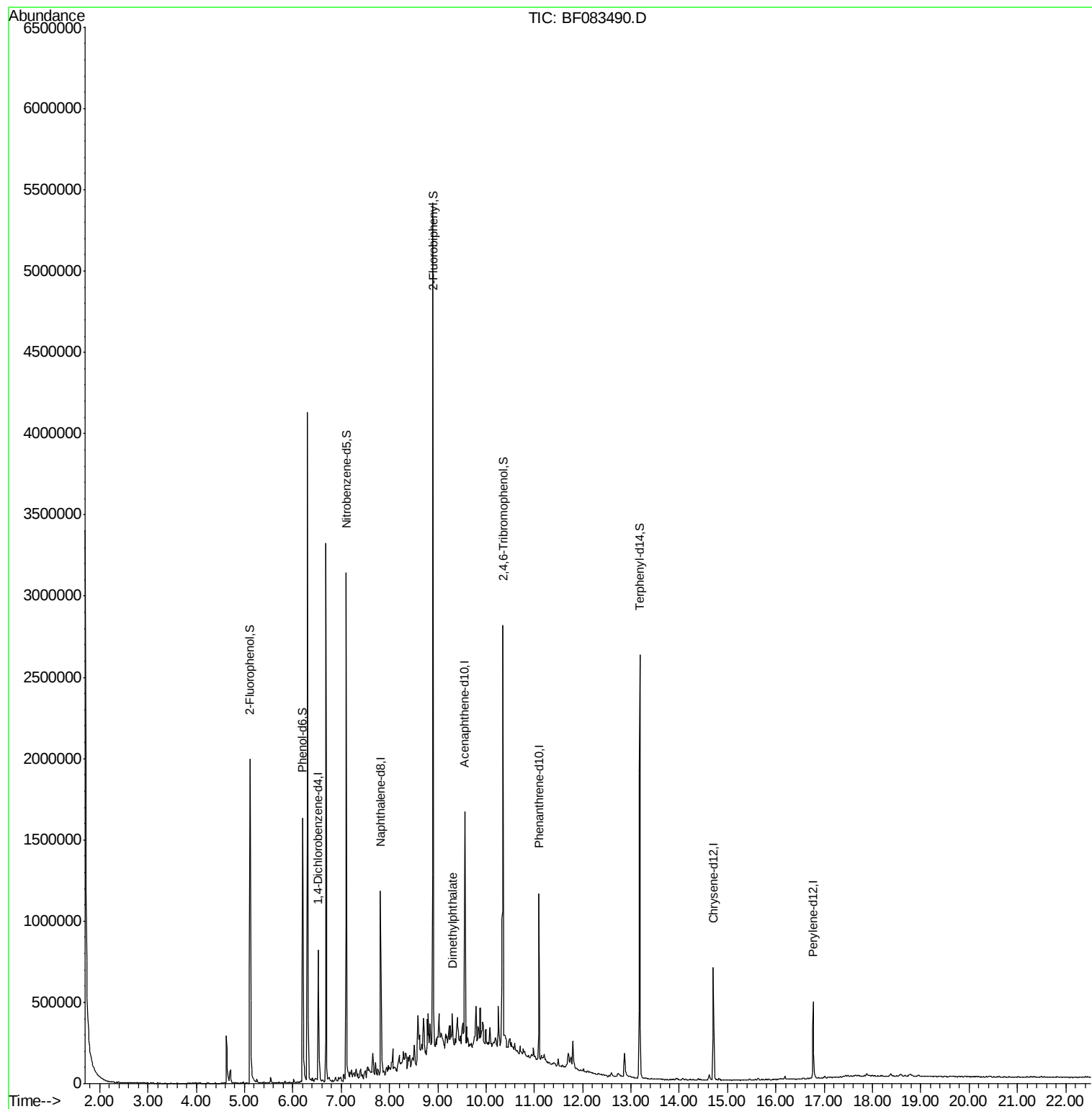
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	155340	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	563252	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	277773	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	411152	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	340520	20.00	ng	-0.06
86) Perylene-d12	16.77	264	266278	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	684267	66.10	ng	-0.01
7) Phenol-d6	6.20	99	625935	44.18	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1096541	85.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	286864	102.88	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1565429	80.31	ng	-0.02
78) Terphenyl-d14	13.19	244	1187102	83.14	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.30	163	55167	2.44	ng	Qvalue # 91

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

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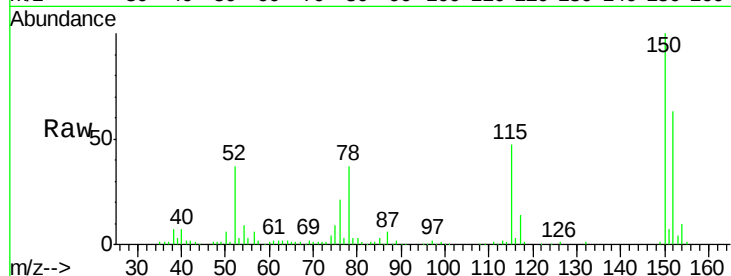




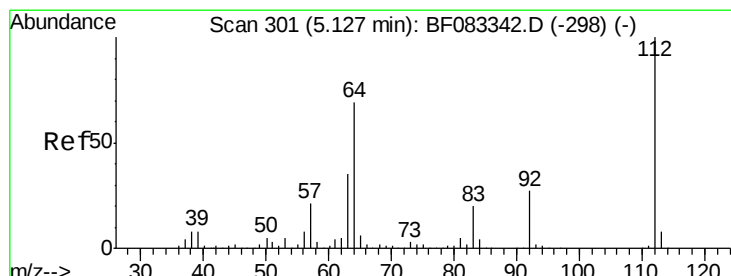
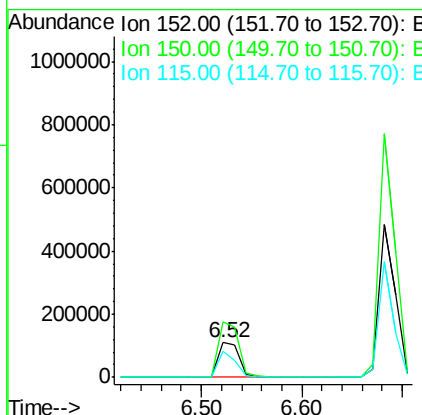
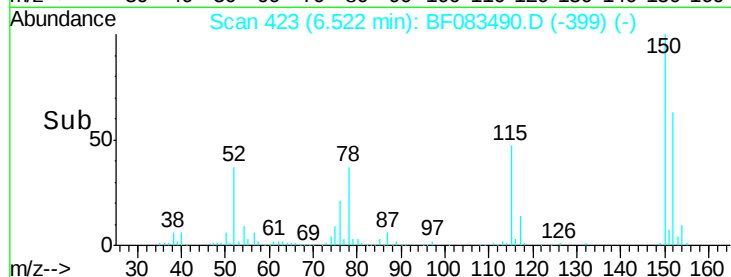
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:152 Resp: 155340
 Ion Ratio Lower Upper
 152 100
 150 158.1 129.8 194.8
 115 73.8 59.2 88.8

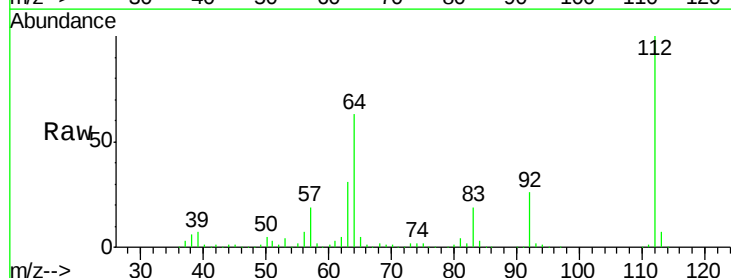


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

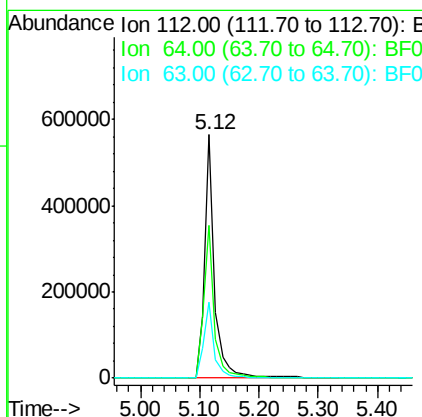
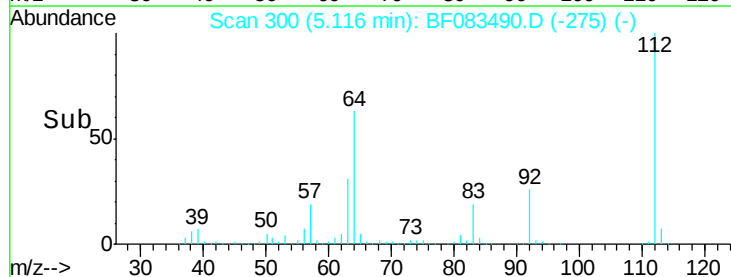


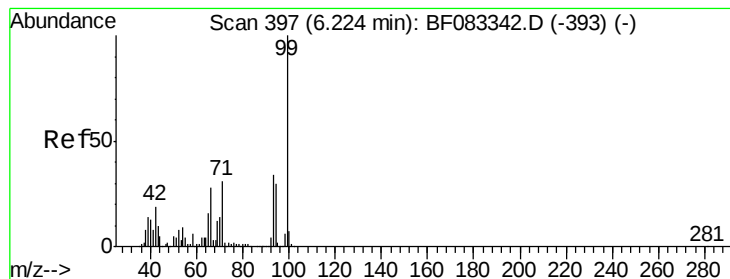
#5
 2-Fluorophenol
 Concen: 66.10 ng
 RT: 5.12 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Tgt Ion:112 Resp: 684267
 Ion Ratio Lower Upper
 112 100
 64 62.6 55.6 83.4
 63 31.4 28.2 42.2



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: 44.18 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

Instrument :

BNA_F

ClientSampleId :

MW-20

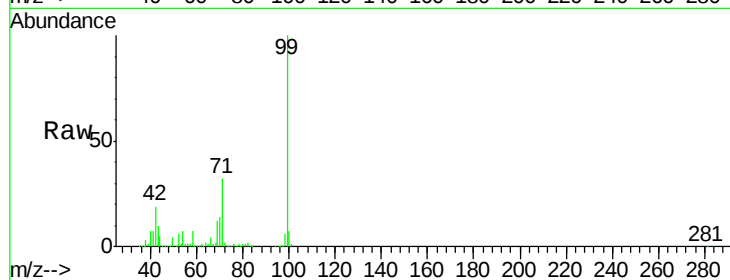
Tot Ion: 99 Resp: 625935

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

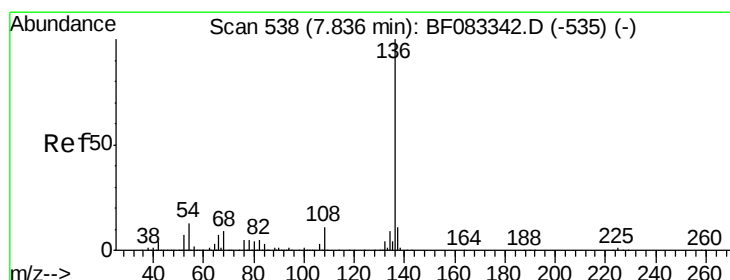
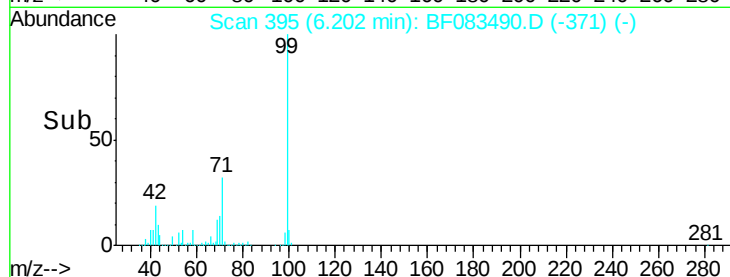
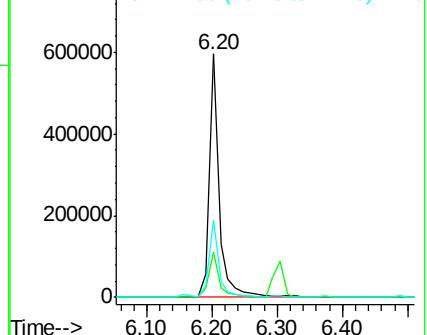
71 32.0 24.7 37.1



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: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

Tgt Ion: 136 Resp: 563252

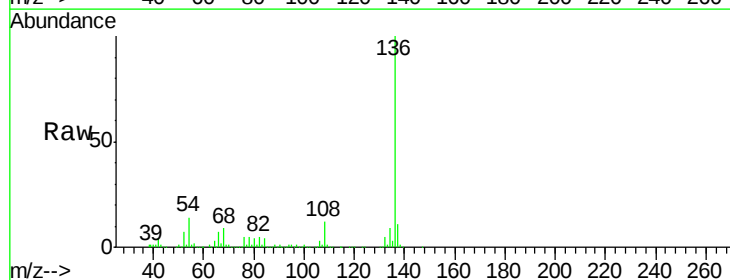
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 13.9 10.1 15.1

68 9.2 7.1 10.7

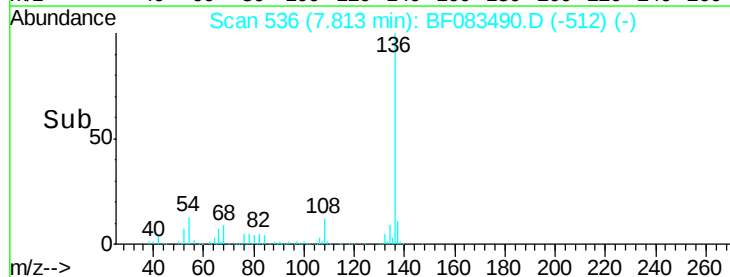
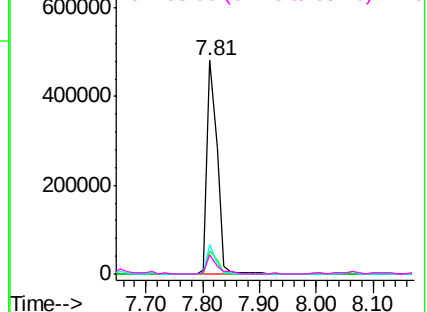


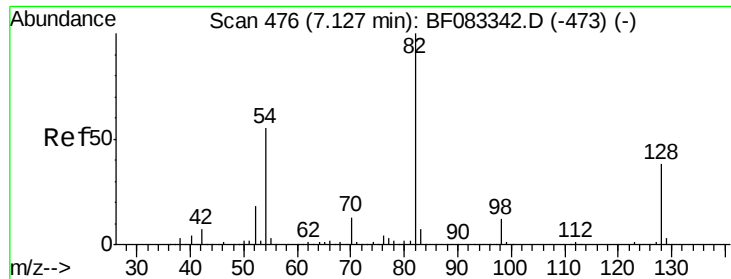
Abundance Ion 136.00 (135.70 to 136.70): E

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

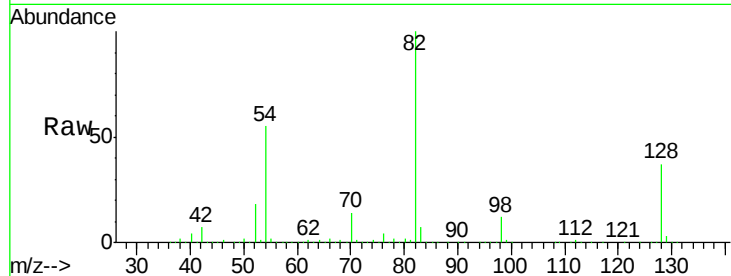




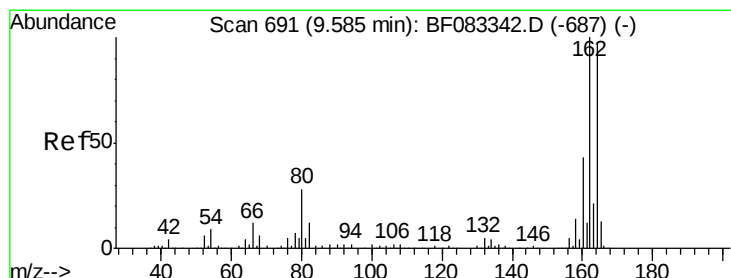
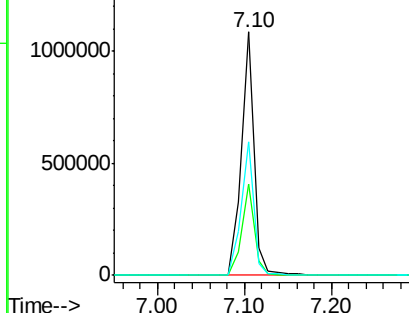
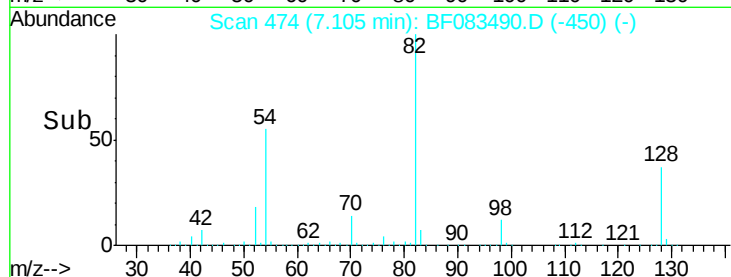
#23
Nitrobenzene-d5
Concen: 85.58 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion: 82 Resp: 1096541
Ion Ratio Lower Upper
82 100
128 37.4 30.6 46.0
54 55.1 43.8 65.6

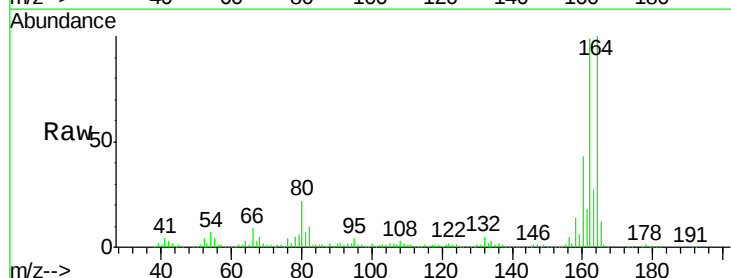


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

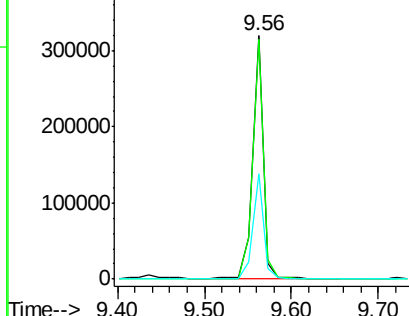
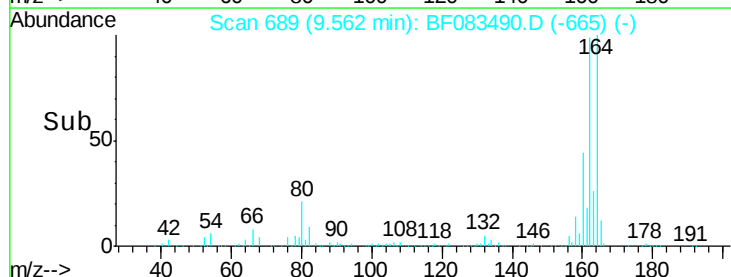


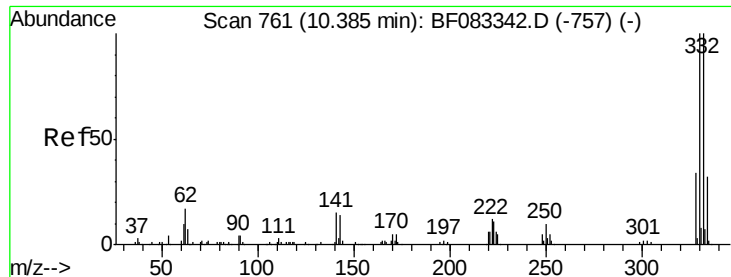
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Tgt Ion:164 Resp: 277773
Ion Ratio Lower Upper
164 100
162 98.7 82.6 123.8
160 43.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

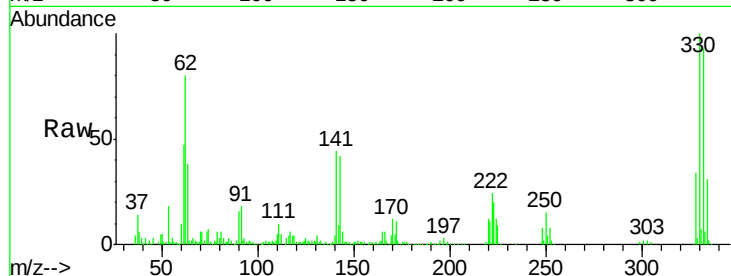




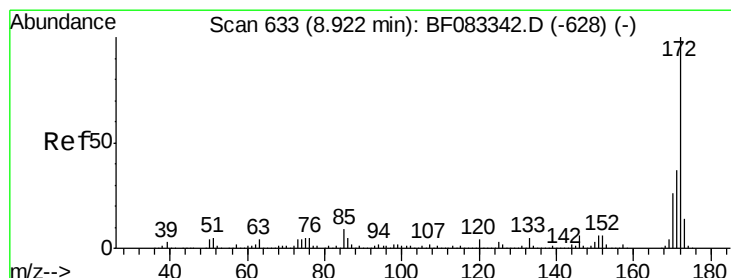
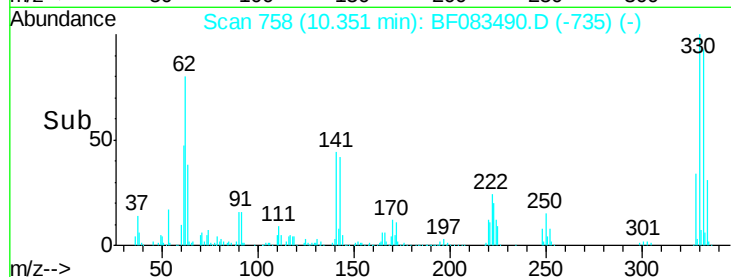
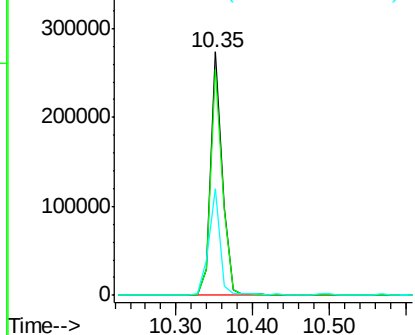
#41
 2,4,6-Tribromophenol
 Concen: 102.88 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.8	116.6
141	41.2	29.4	44.0

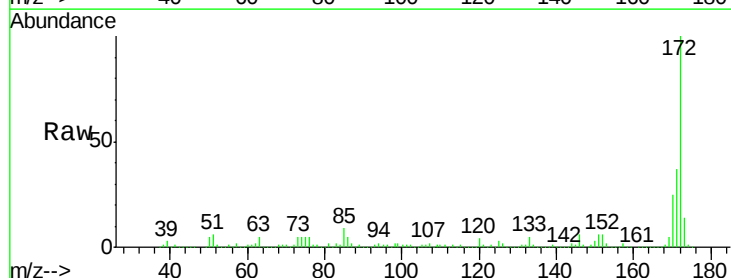


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

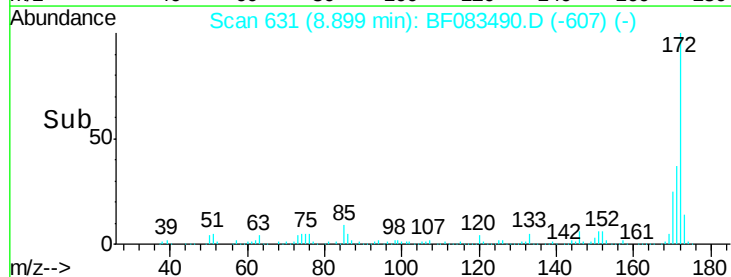
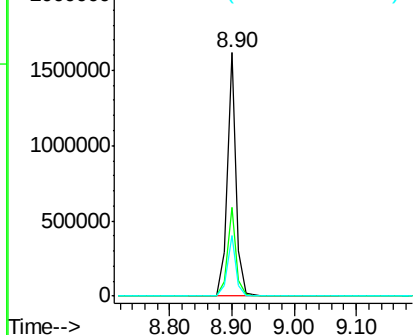


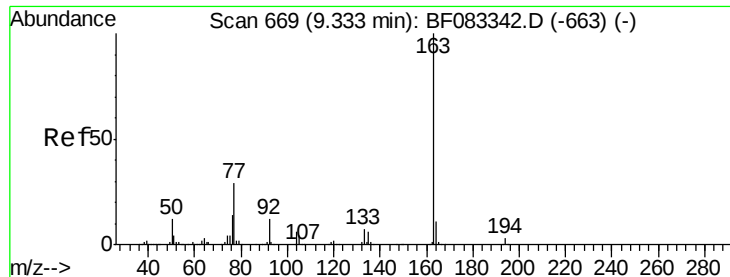
#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.9	20.4	30.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

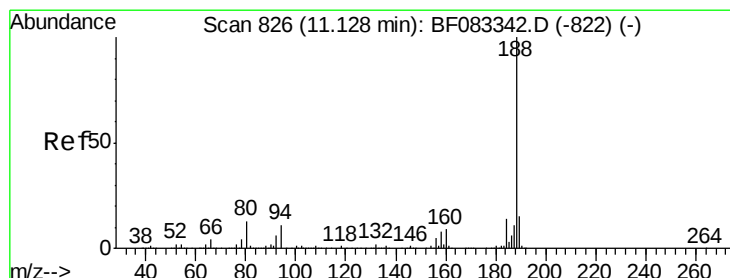
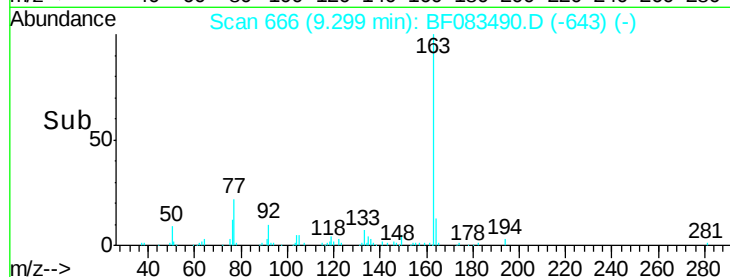
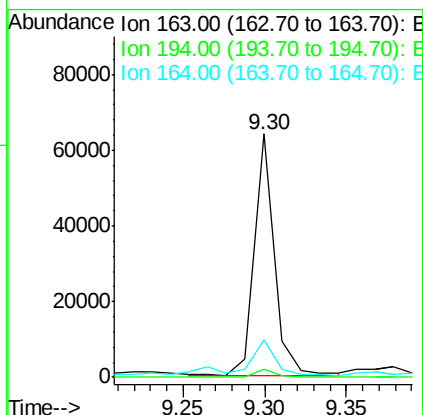
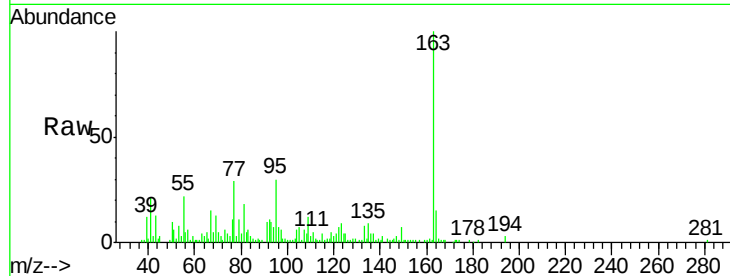




#49
Dimethylphthalate
Concen: 2.44 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

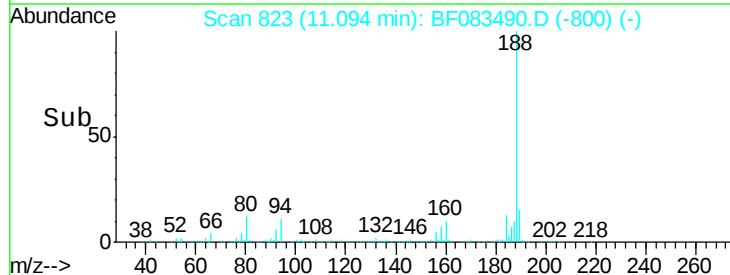
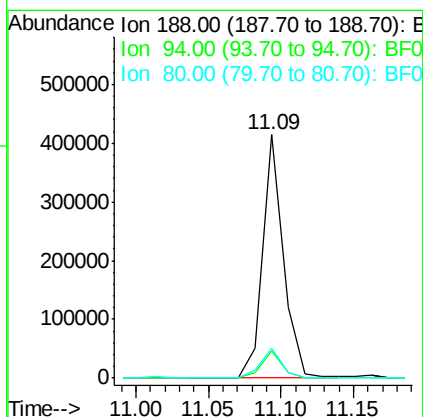
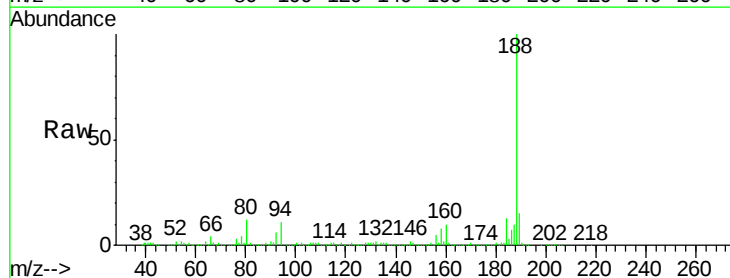
Instrument :
BNA_F
ClientSampleId :
MW-20

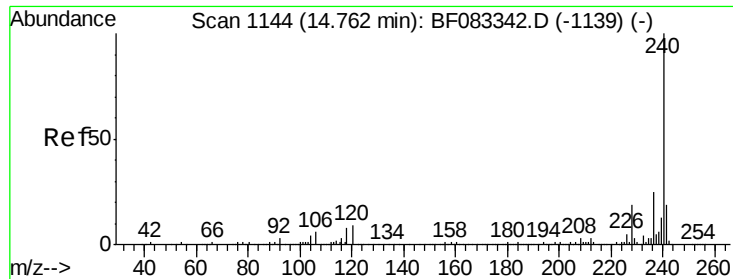
Tot Ion:163 Resp: 55167
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 15.2 8.8 13.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Tgt Ion:188 Resp: 411152
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.1 10.3 15.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

Instrument :

BNA_F

ClientSampleId :

MW-20

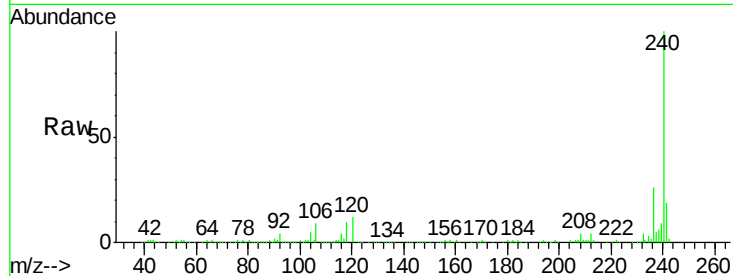
Tot Ion:240 Resp: 340520

Ion Ratio Lower Upper

240 100

120 11.5 6.9 10.3#

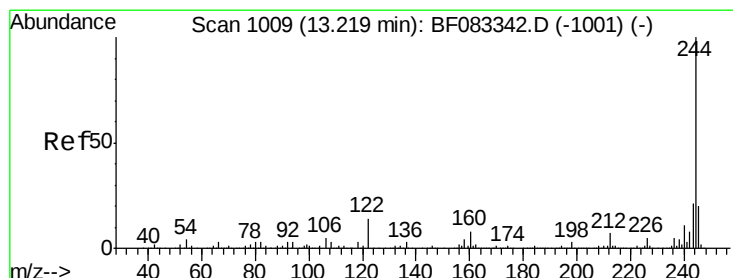
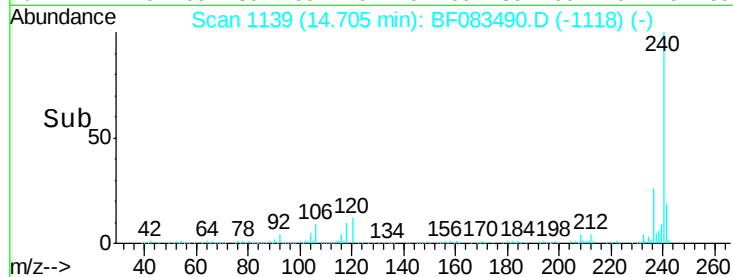
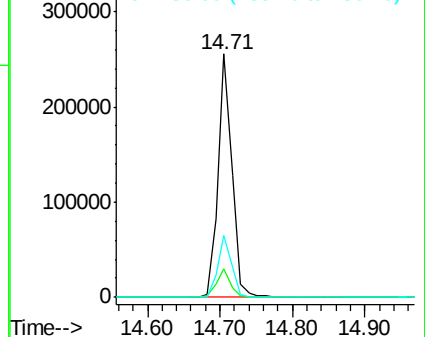
236 25.6 19.8 29.6



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: 83.14 ng

RT: 13.19 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

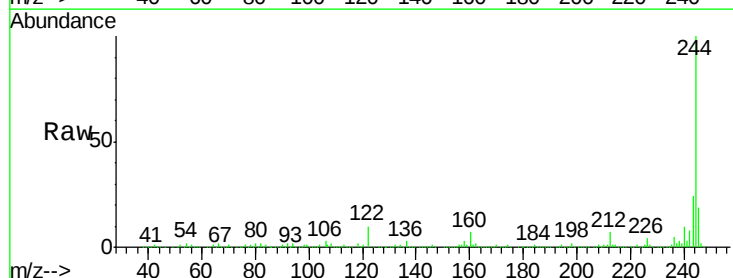
Tgt Ion:244 Resp: 1187102

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

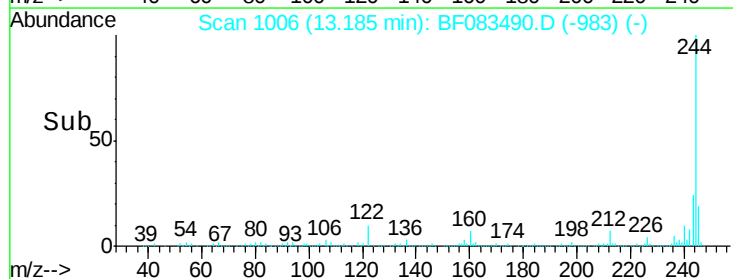
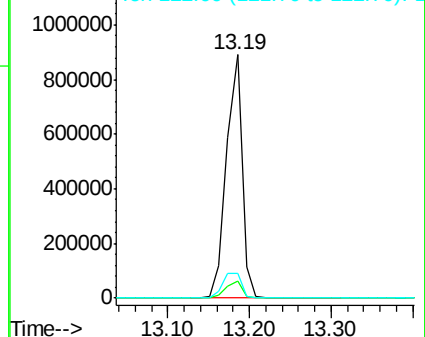
122 10.3 11.0 16.4#

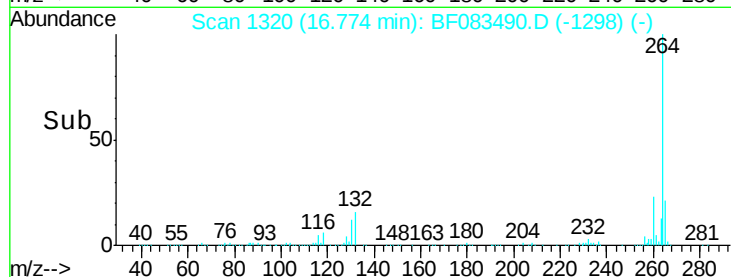
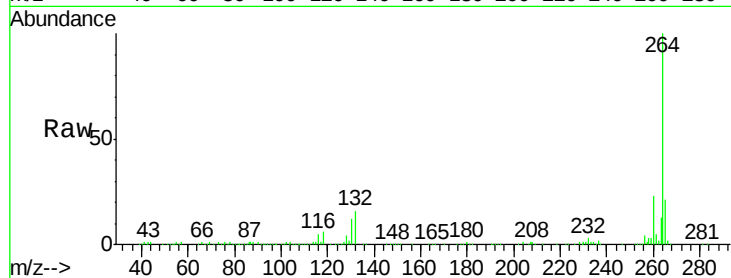
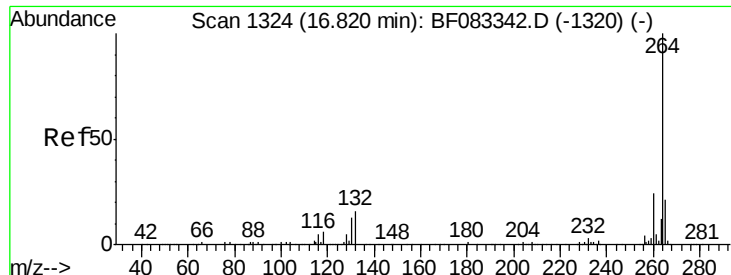


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:	264	Resp:	266278
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.3	16.8	25.2

