

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083493.D
 Acq On : 4 Dec 2015 8:03
 Operator : UM/IZ
 Sample : G4588-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Dec 04 10:21:44 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

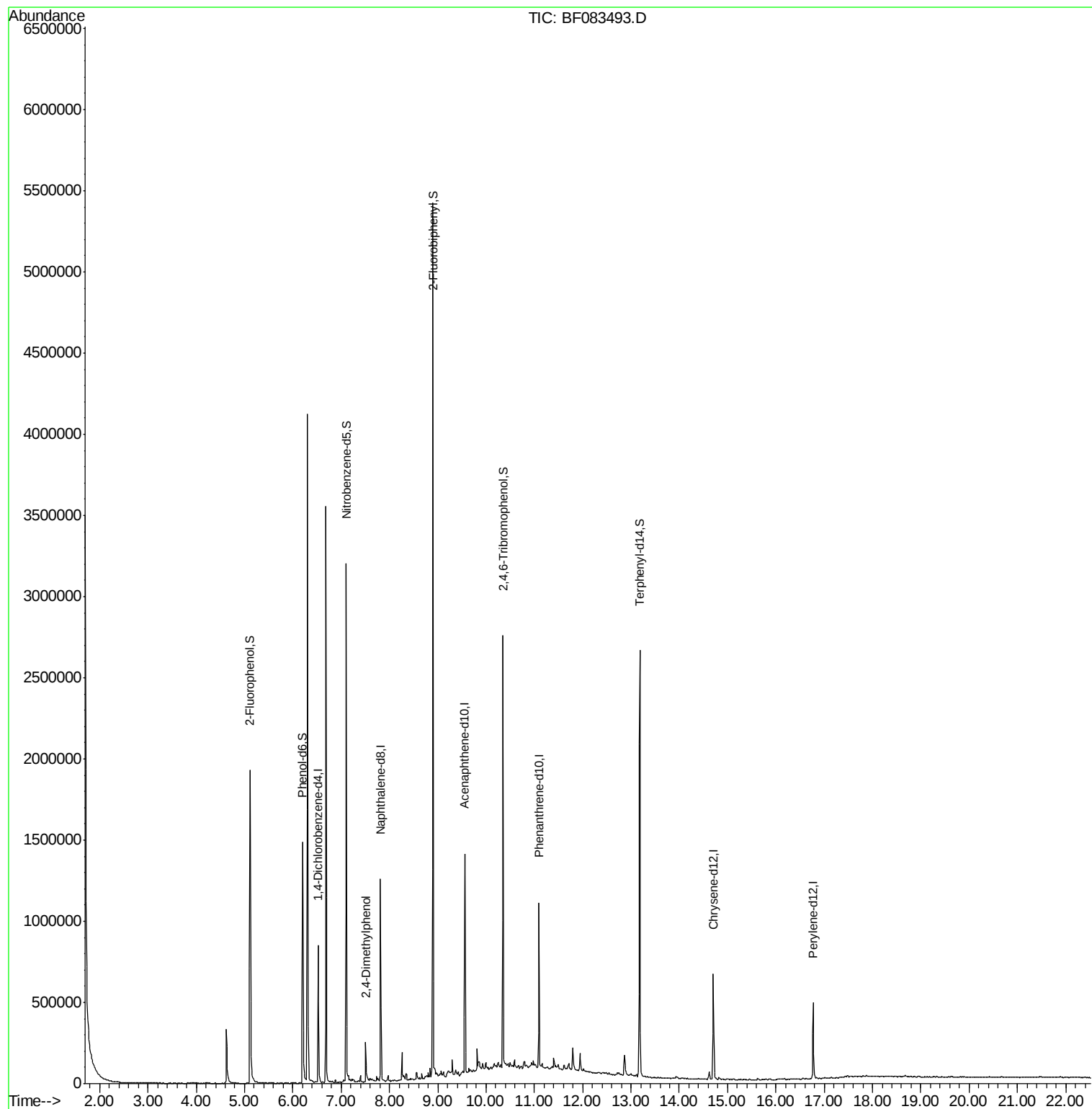
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	154388	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	564222	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	267753	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	397906	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	327625	20.00	ng	-0.06
86) Perylene-d12	16.77	264	255534	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	672642	65.38	ng	-0.01
7) Phenol-d6	6.20	99	598580	42.50	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1153591	89.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	300432	111.77	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1621133	86.28	ng	-0.02
78) Terphenyl-d14	13.19	244	1248687	90.89	ng	-0.03
Target Compounds						
27) 2,4-Dimethylphenol	7.50	122	55149	5.88	ng	Qvalue 93

(#) = 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: BF083493.D

Acq: 4 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

MW-08

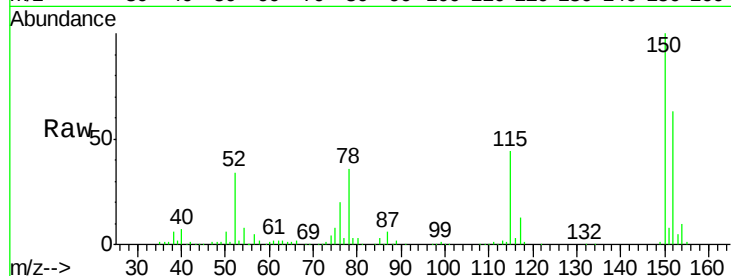
Tot Ion:152 Resp: 154388

Ion Ratio Lower Upper

152 100

150 158.2 129.8 194.8

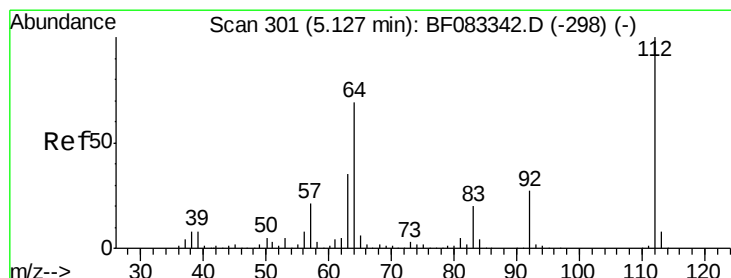
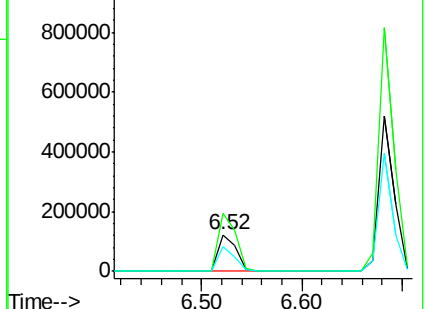
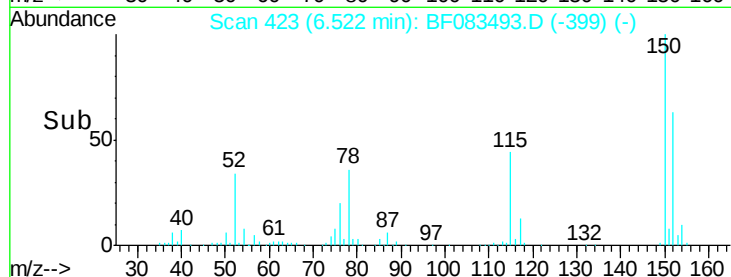
115 69.2 59.2 88.8



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: 65.38 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083493.D

Acq: 4 Dec 2015 8:03

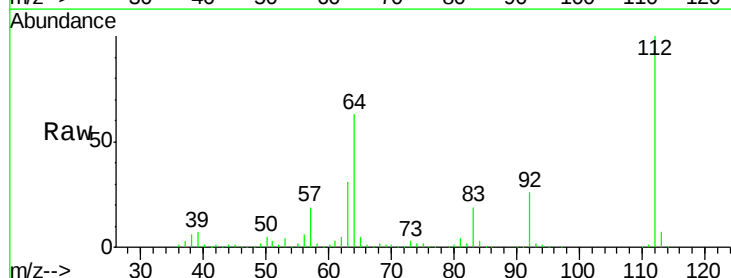
Tgt Ion:112 Resp: 672642

Ion Ratio Lower Upper

112 100

64 62.9 55.6 83.4

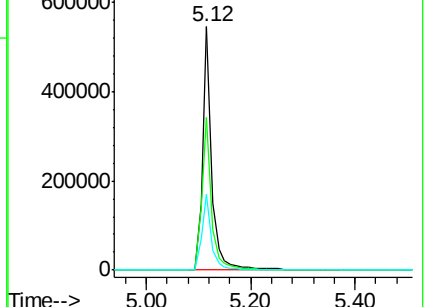
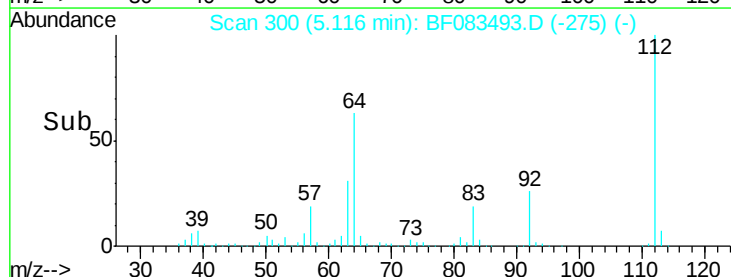
63 31.4 28.2 42.2



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: 42.50 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083493.D

Acq: 4 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

MW-08

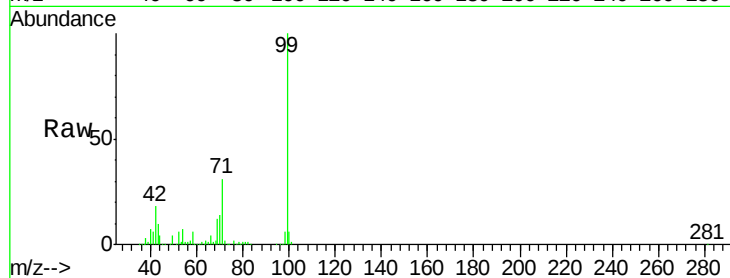
Tot Ion: 99 Resp: 598580

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

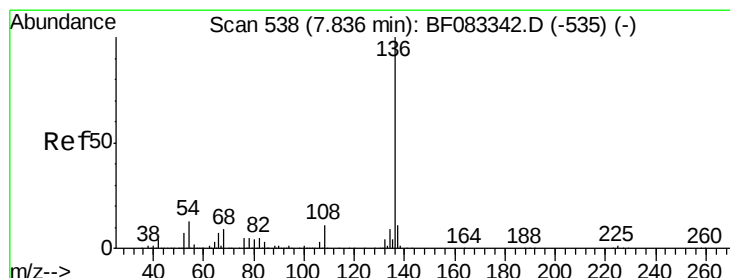
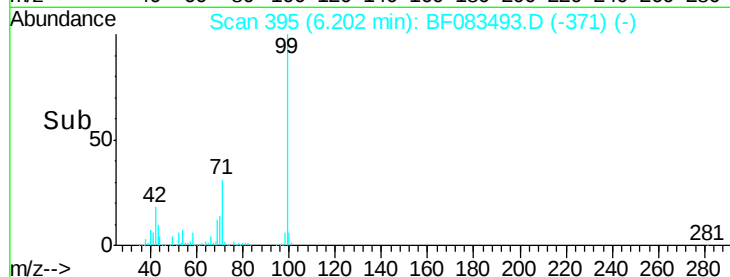
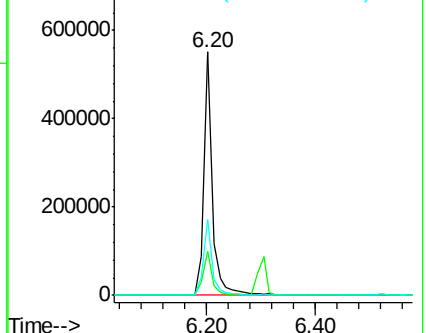
71 31.1 24.7 37.1



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: BF083493.D

Acq: 4 Dec 2015 8:03

Tgt Ion: 136 Resp: 564222

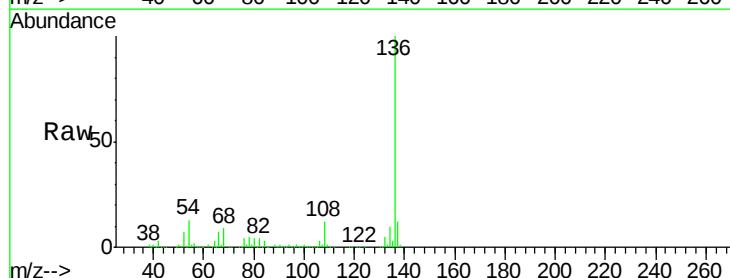
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 12.5 10.1 15.1

68 8.7 7.1 10.7

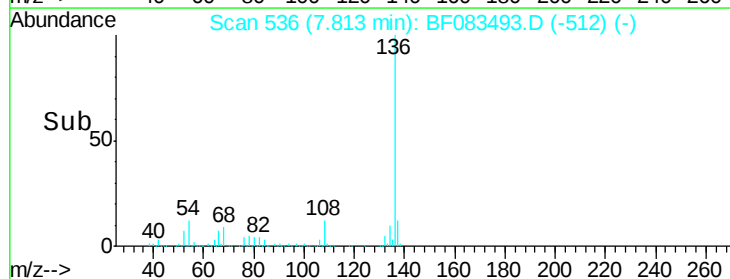
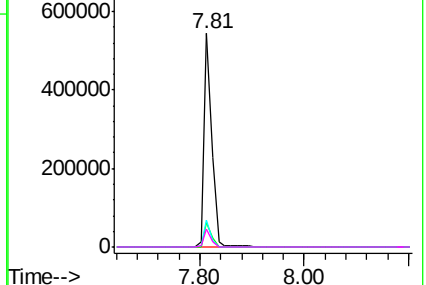


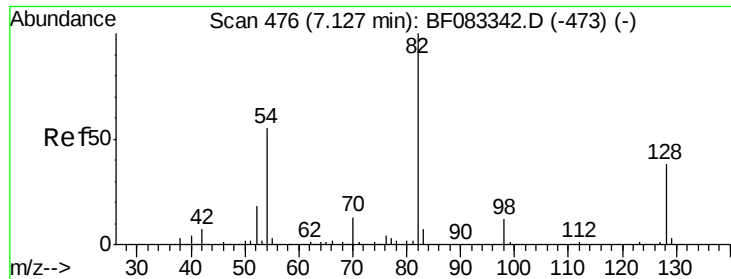
Abundance Ion 136.00 (135.70 to 136.70): E

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

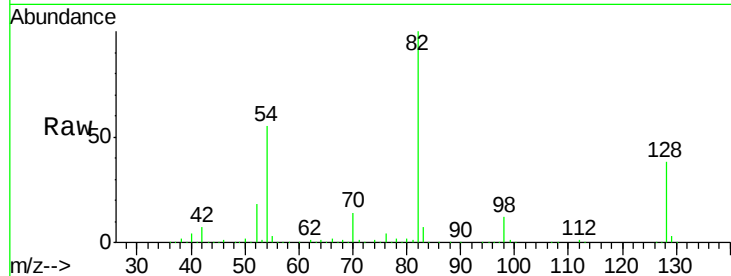




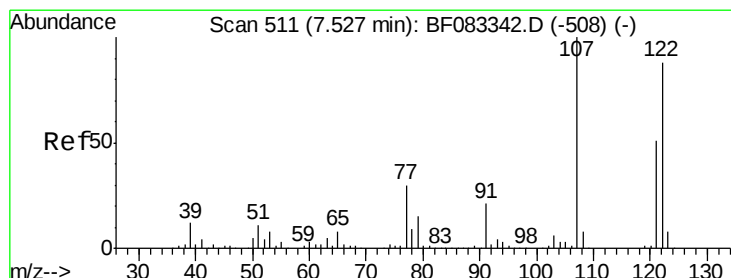
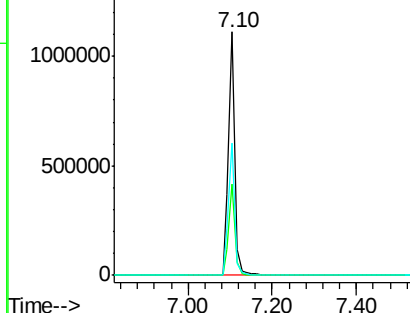
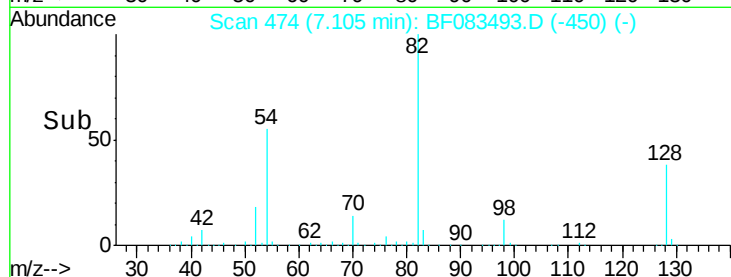
#23
Nitrobenzene-d5
Concen: 89.88 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

Instrument :
BNA_F
ClientSampled :
MW-08

Tot Ion: 82 Resp: 1153591
Ion Ratio Lower Upper
82 100
128 37.7 30.6 46.0
54 54.6 43.8 65.6

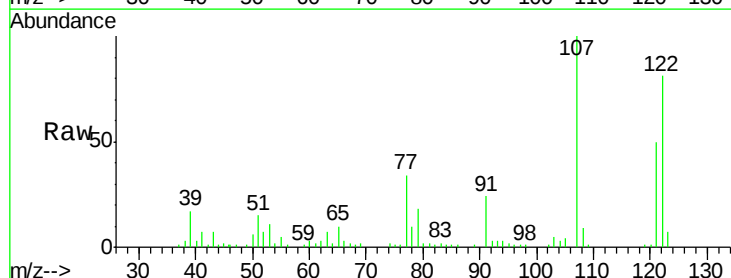


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

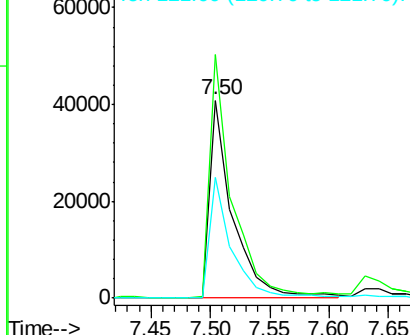
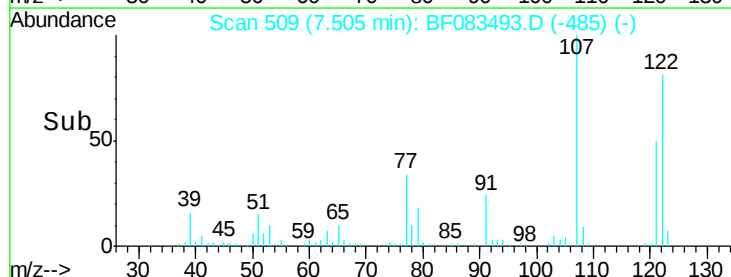


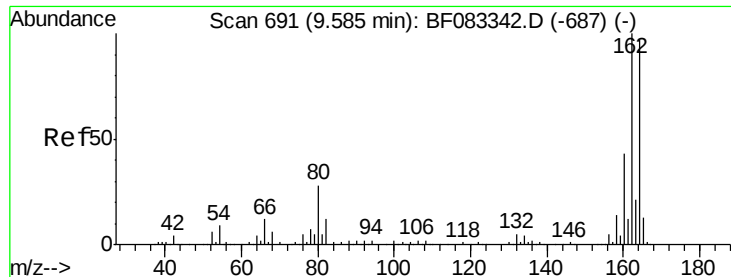
#27
2,4-Dimethylphenol
Concen: 5.88 ng
RT: 7.50 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF083493.D
Acq: 4 Dec 2015 8:03

Tgt Ion:122 Resp: 55149
Ion Ratio Lower Upper
122 100
107 123.3 91.2 136.8
121 61.0 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

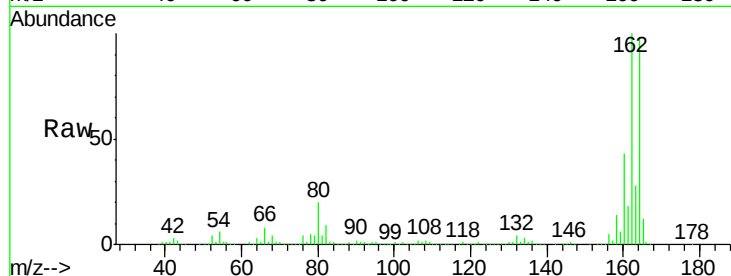




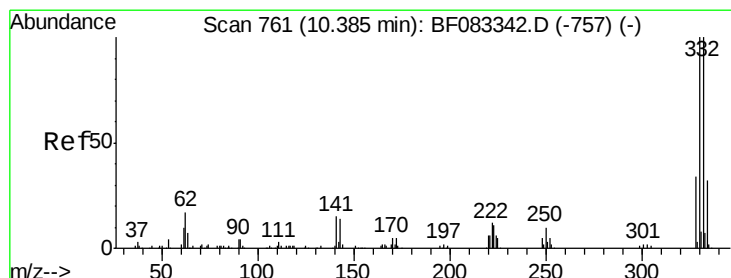
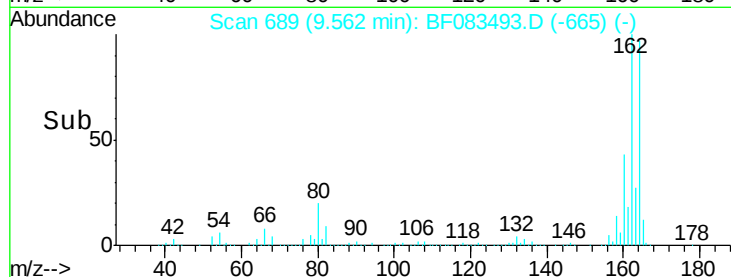
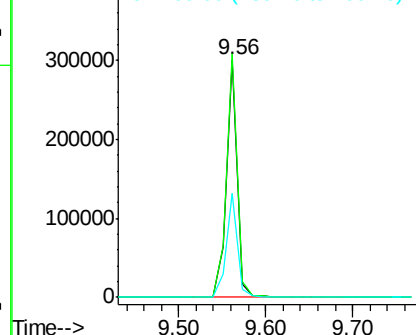
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:164 Resp: 267753
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 44.0 35.3 52.9

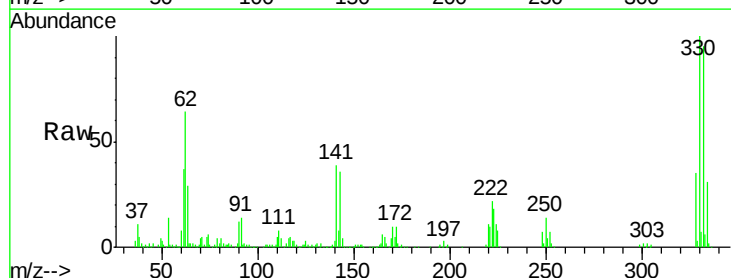


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

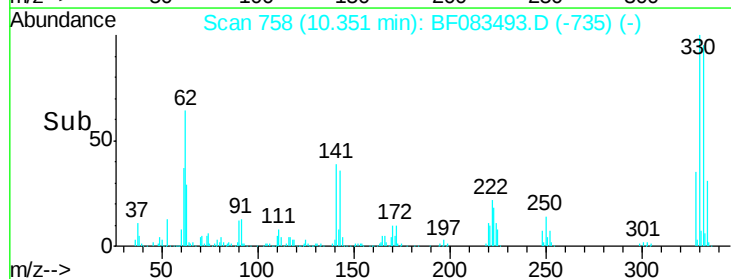
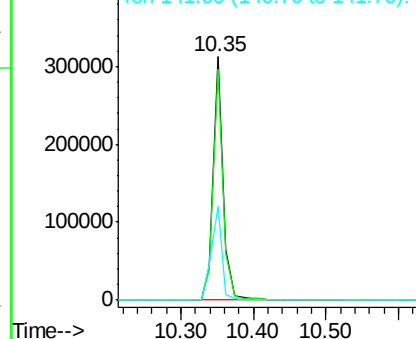


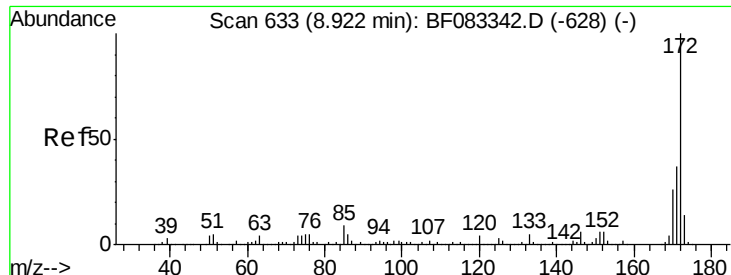
#41
 2,4,6-Tribromophenol
 Concen: 111.77 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Tgt Ion:330 Resp: 300432
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.8 116.6
 141 41.5 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



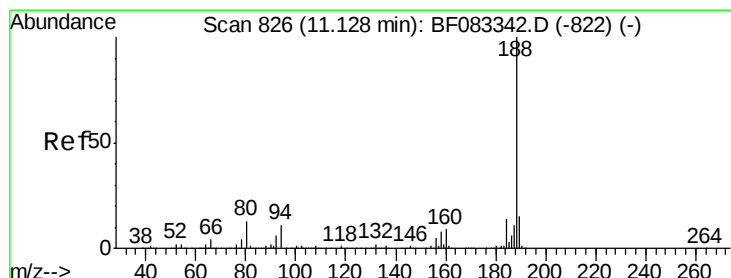
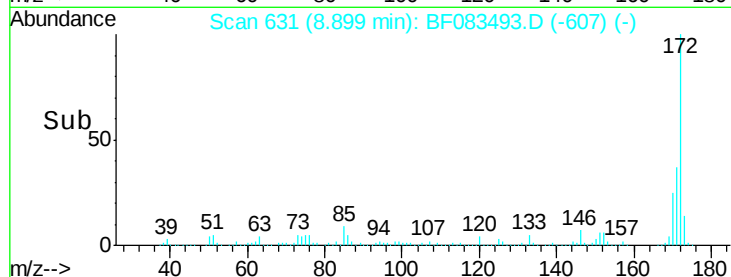
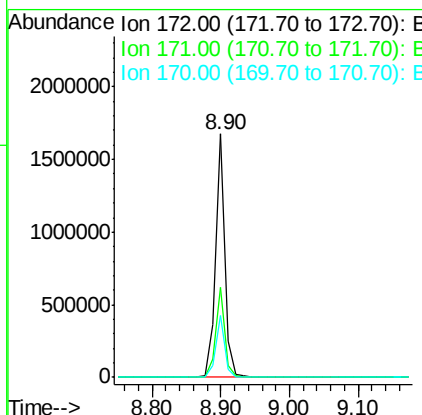
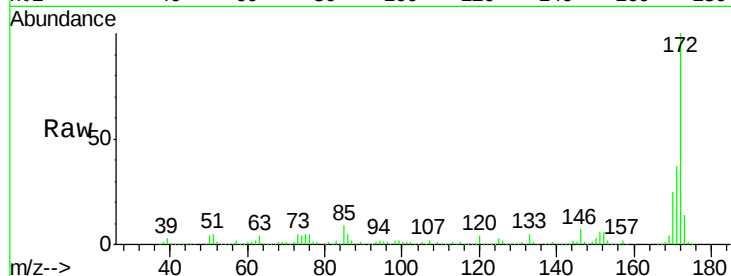


#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:172 Resp: 1621133

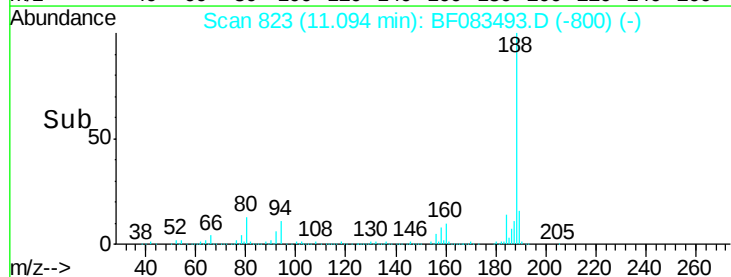
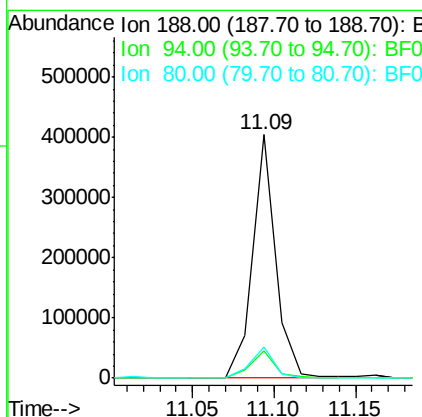
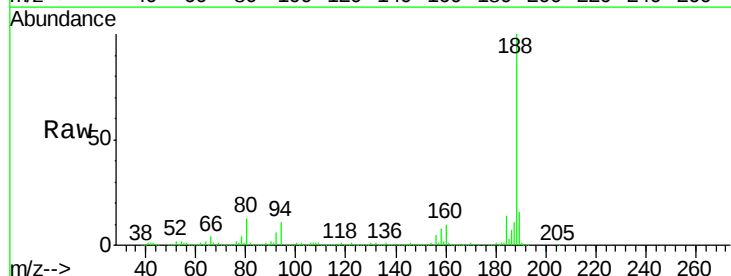
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.4	20.4	30.6

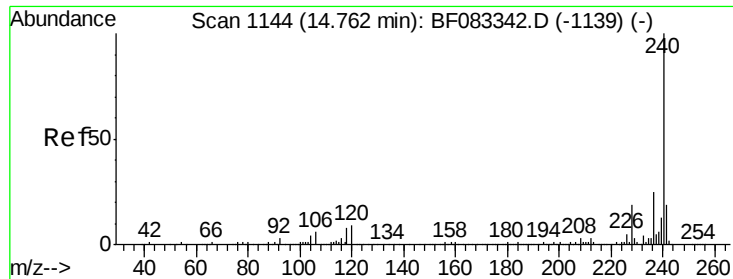


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Tgt Ion:188 Resp: 397906

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.7	13.1
80	12.7	10.3	15.5

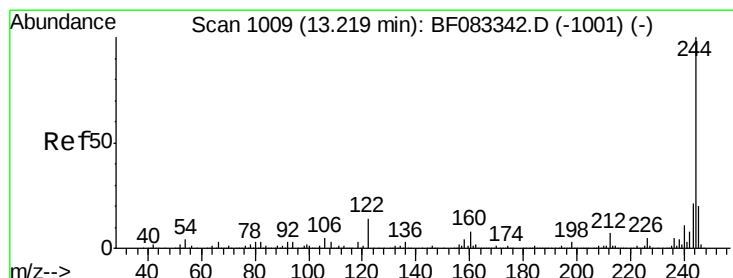
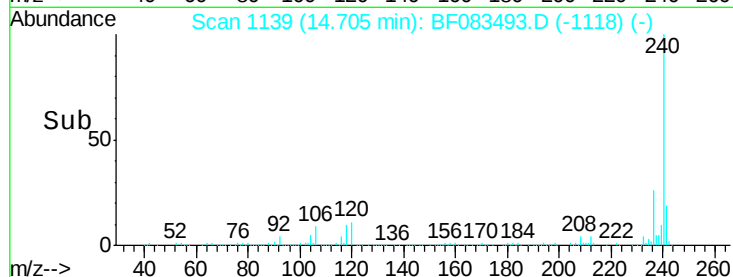
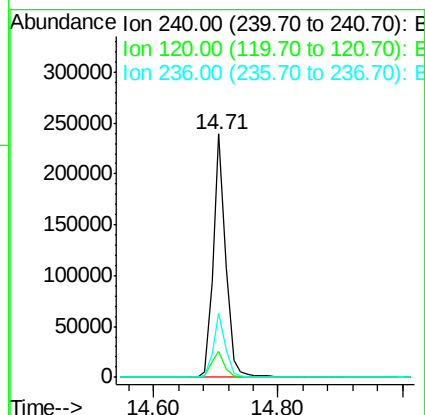
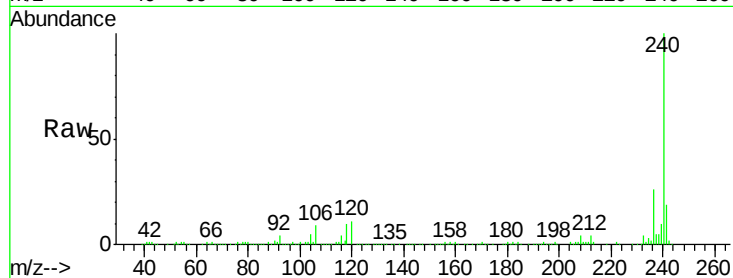




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

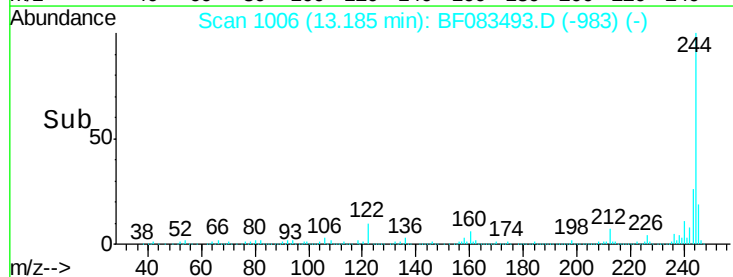
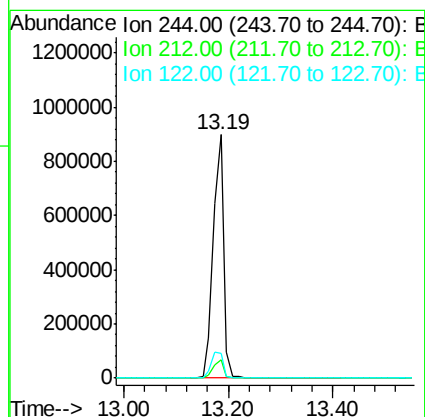
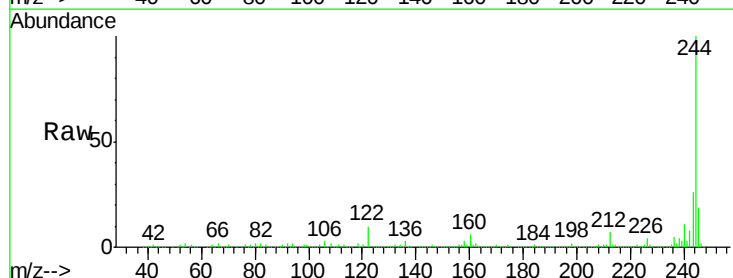
Instrument :
 BNA_F
 ClientSampleId :
 MW-08

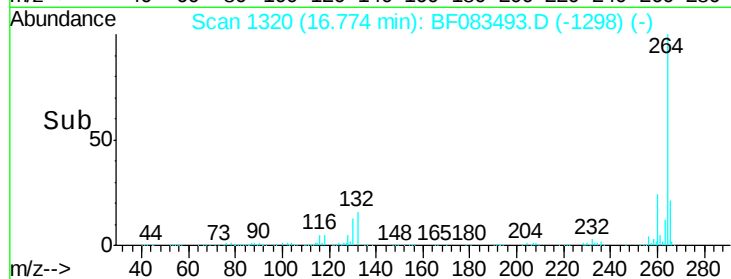
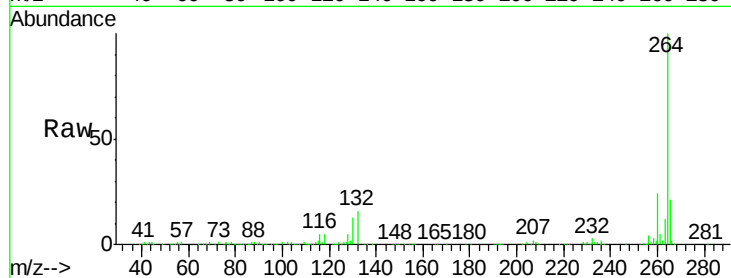
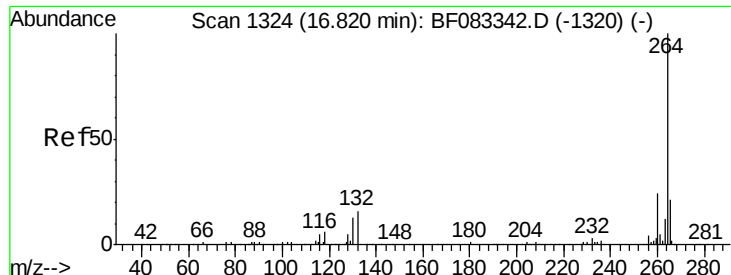
Tot Ion:240 Resp: 327625
 Ion Ratio Lower Upper
 240 100
 120 10.9 6.9 10.3#
 236 26.5 19.8 29.6



#78
 Terphenyl-d14
 Concen: 90.89 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Tgt Ion:244 Resp: 1248687
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.9 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083493.D
 Acq: 4 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:	264	Resp:	255534
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.4
265	21.2	16.8	25.2

