

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083496.D
 Acq On : 4 Dec 2015 9:34
 Operator : UM/IZ
 Sample : G4588-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Dec 04 10:39:01 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	147731	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	546526	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	244717	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	392421	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	326126	20.00	ng	-0.06
86) Perylene-d12	16.77	264	252146	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	665195	67.57	ng	-0.01
7) Phenol-d6	6.20	99	562128	41.72	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1179283	94.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	297249	121.00	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1687978	98.30	ng	-0.02
78) Terphenyl-d14	13.19	244	1359605	99.42	ng	-0.03

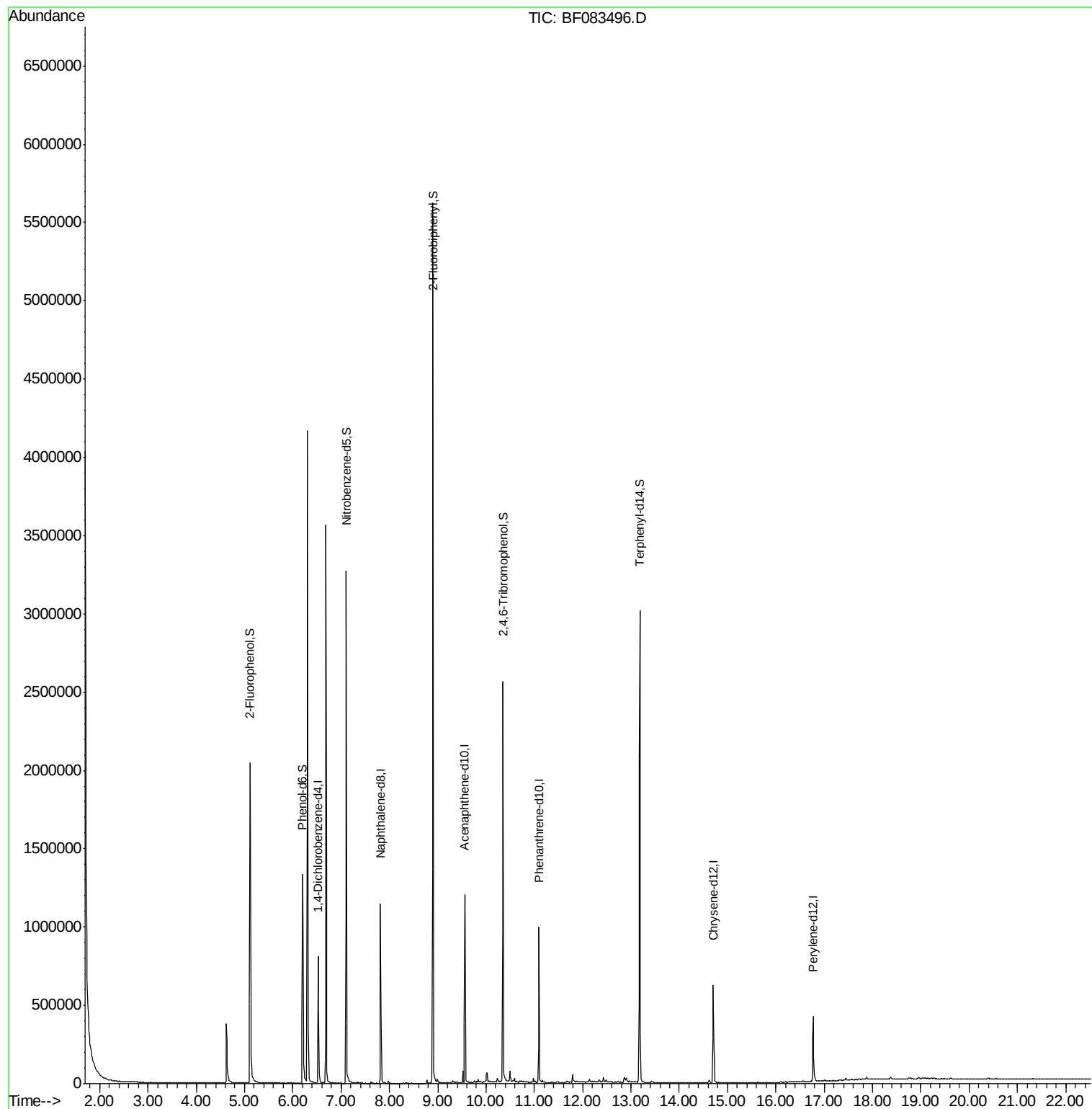
Target Compounds Qvalue

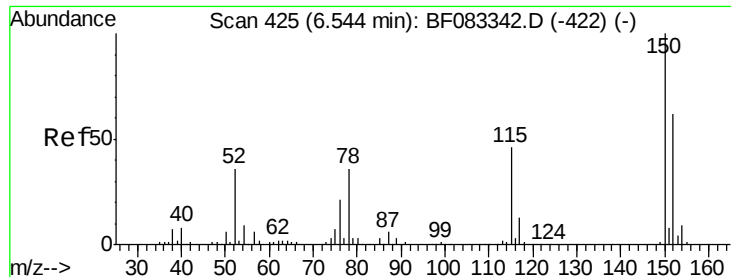
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083496.D

Acq: 4 Dec 2015 9:34

Instrument :

BNA_F

ClientSampleId :

MW-12

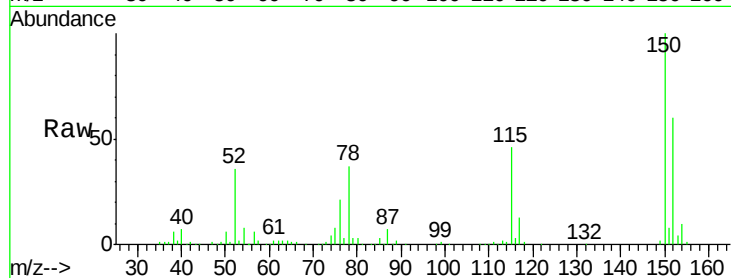
Tot Ion:152 Resp: 147731

Ion Ratio Lower Upper

152 100

150 166.7 129.8 194.8

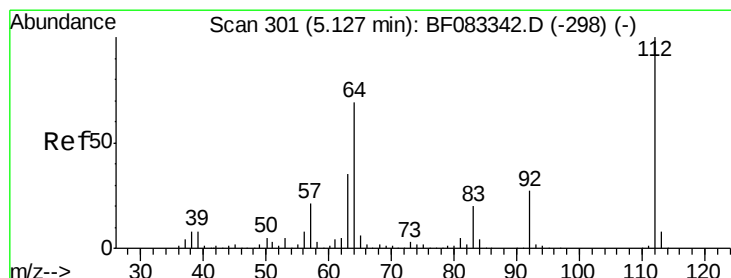
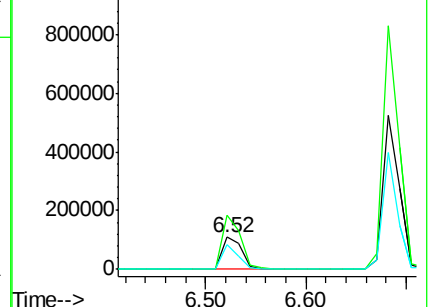
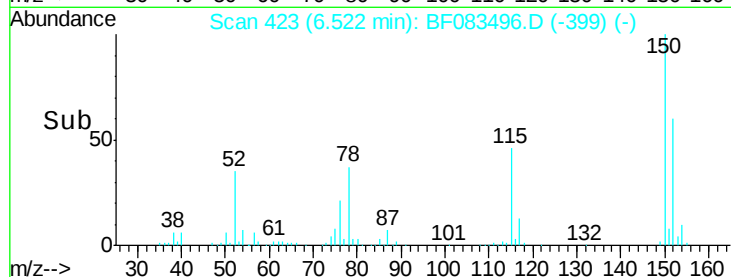
115 76.2 59.2 88.8



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: 67.57 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

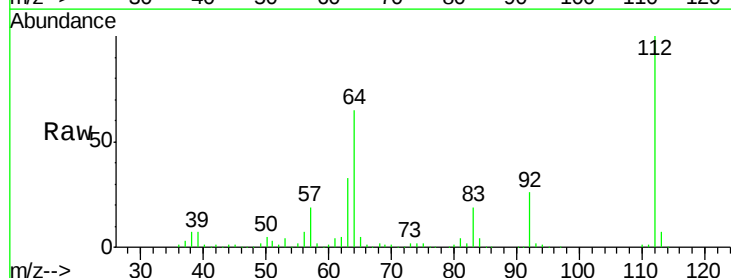
Tgt Ion:112 Resp: 665195

Ion Ratio Lower Upper

112 100

64 64.8 55.6 83.4

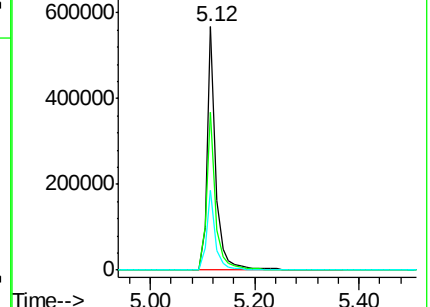
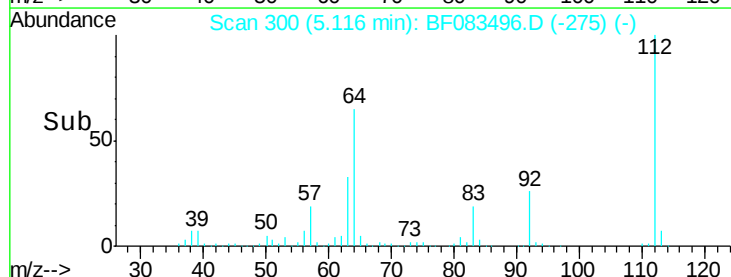
63 32.7 28.2 42.2



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: 41.72 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

Instrument :

BNA_F

ClientSampleId :

MW-12

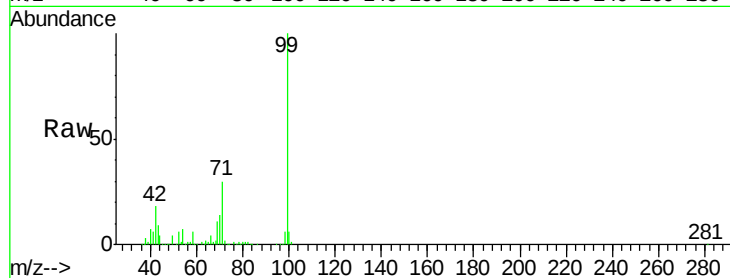
Tot Ion: 99 Resp: 562128

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

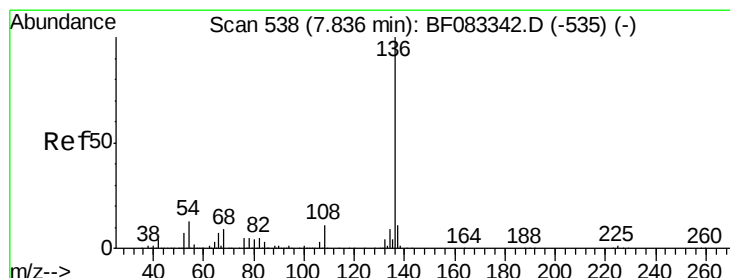
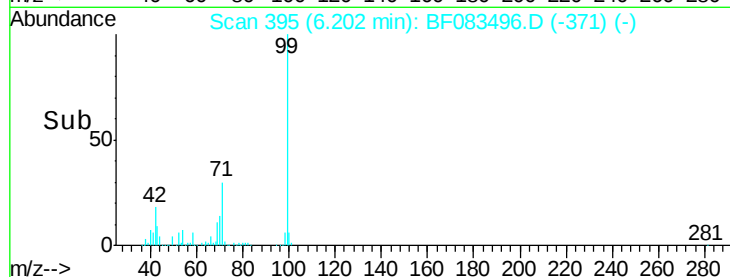
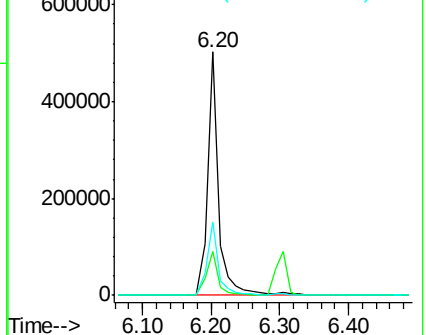
71 30.2 24.7 37.1



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: BF083496.D

Acq: 4 Dec 2015 9:34

Tgt Ion: 136 Resp: 546526

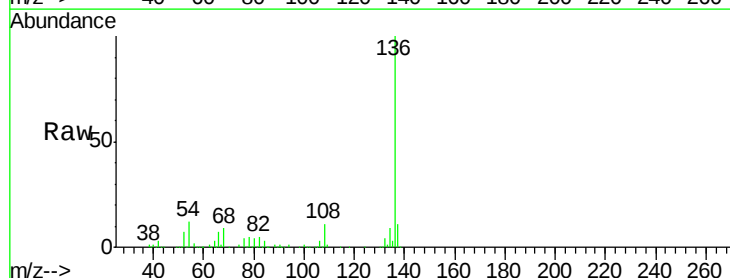
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 12.2 10.1 15.1

68 8.5 7.1 10.7

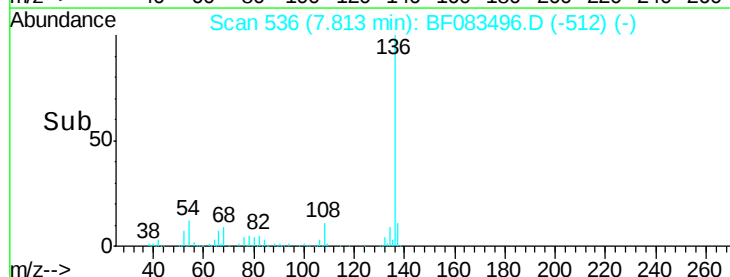
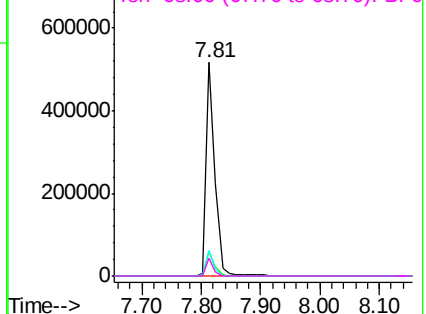


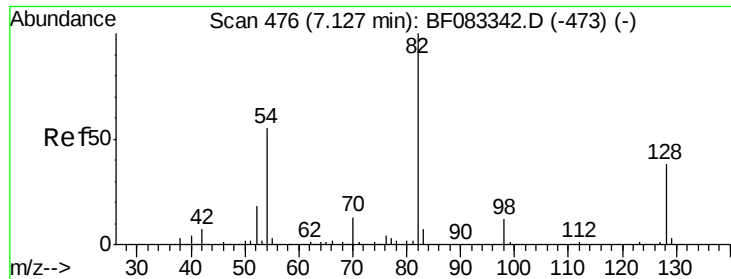
Abundance Ion 136.00 (135.70 to 136.70): E

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



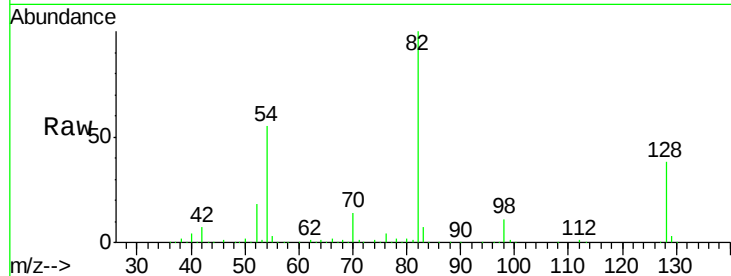


#23
 Nitrobenzene-d5
 Concen: 94.85 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

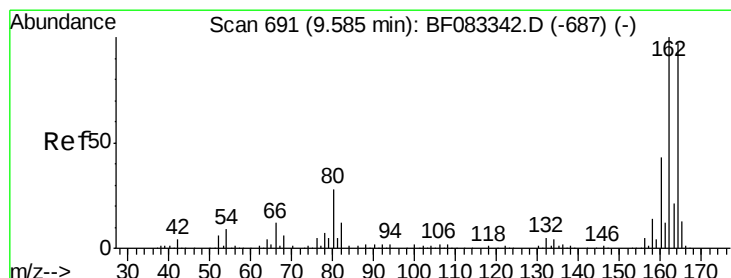
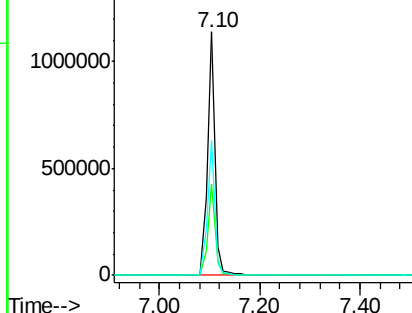
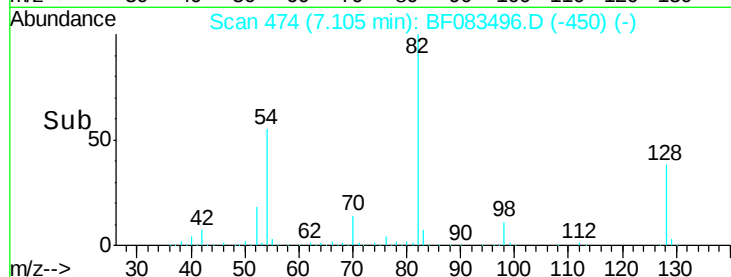
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion: 82 Resp: 1179283

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.6	46.0
54	55.3	43.8	65.6



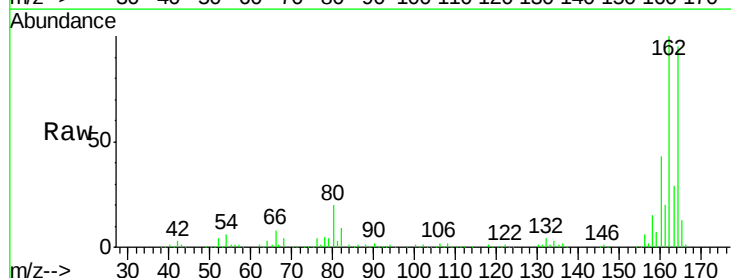
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



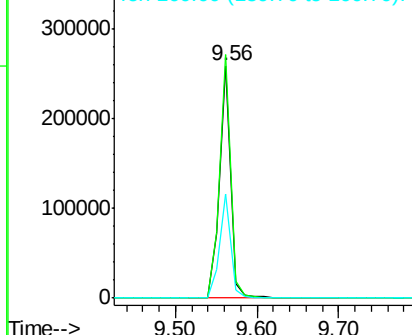
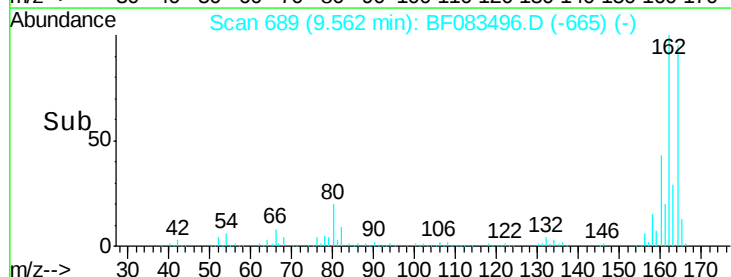
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

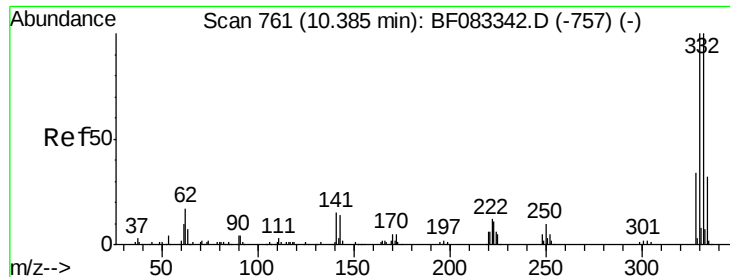
Tgt Ion: 164 Resp: 244717

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	44.9	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

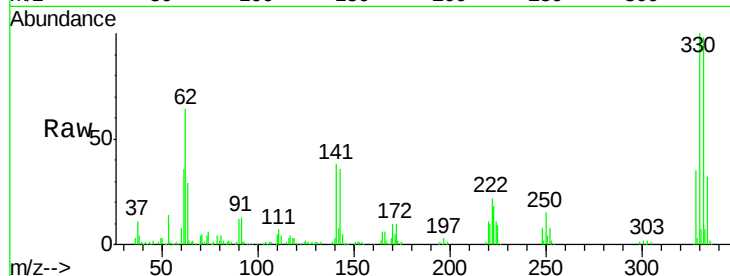




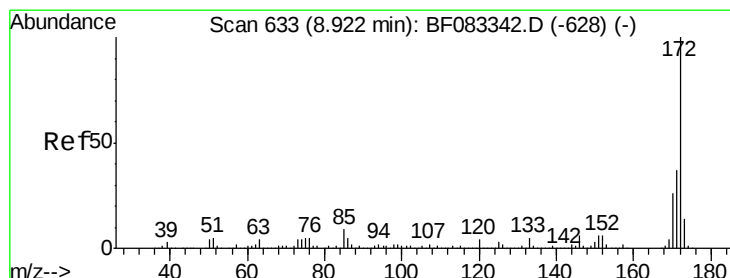
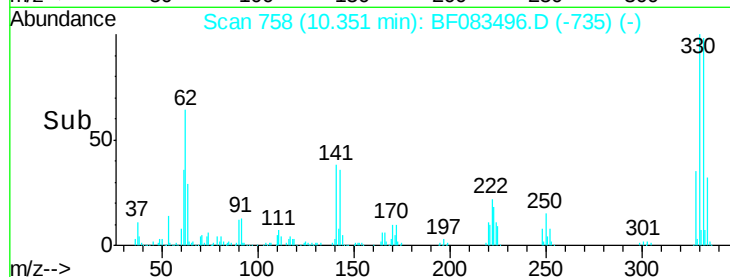
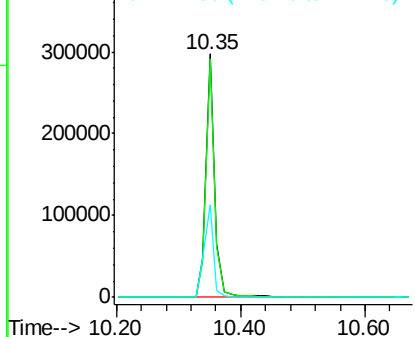
#41
 2,4,6-Tribromophenol
 Concen: 121.00 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	40.6	29.4	44.0

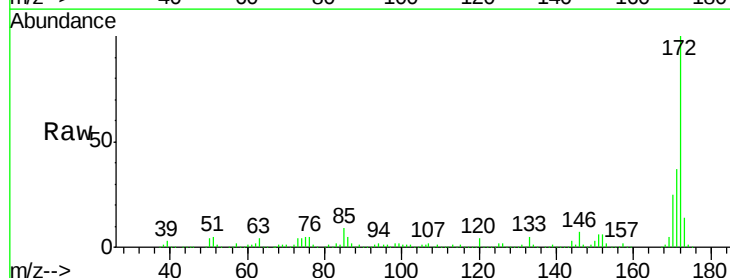


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

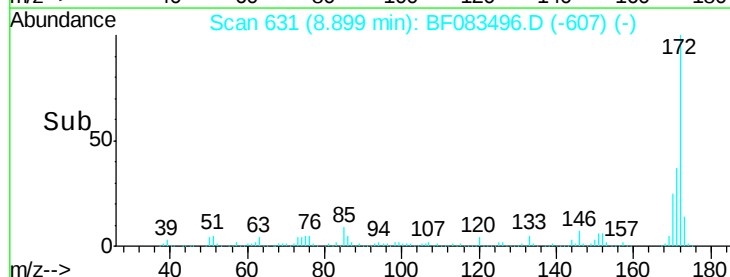
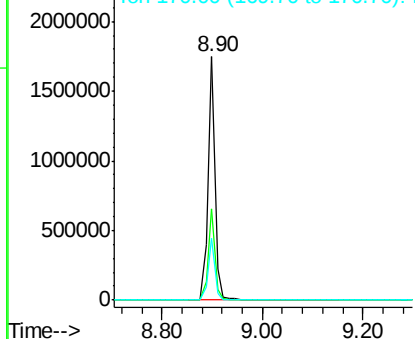


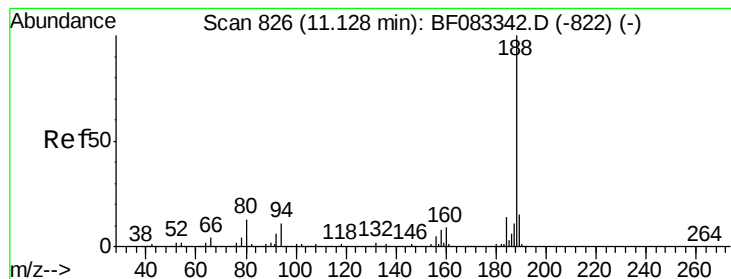
#44
 2-Fluorobiphenyl
 Concen: 98.30 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.4	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

Instrument :

BNA_F

ClientSampleId :

MW-12

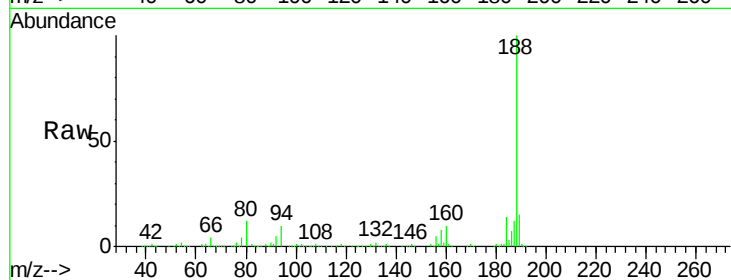
Tot Ion:188 Resp: 392421

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

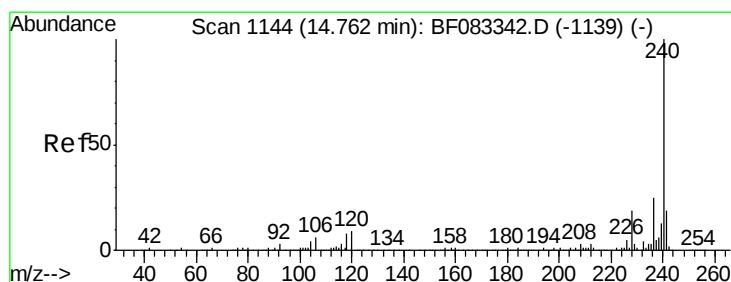
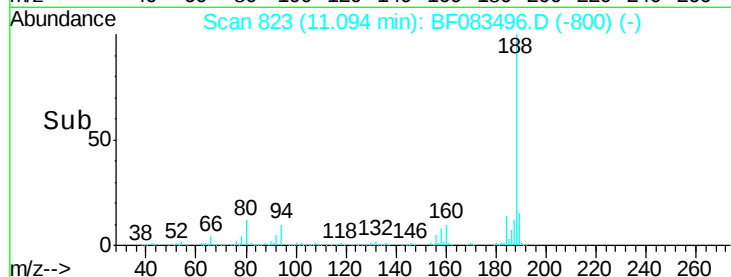
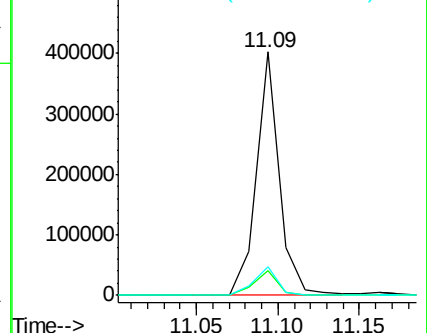
80 11.7 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

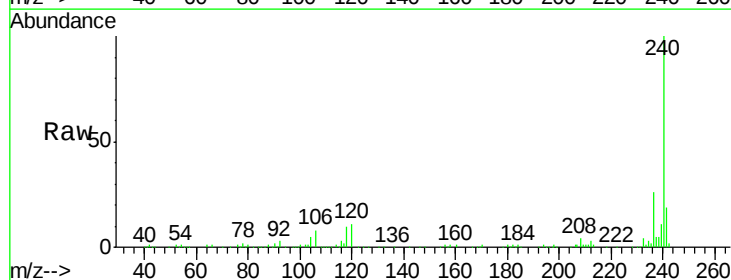
Tgt Ion:240 Resp: 326126

Ion Ratio Lower Upper

240 100

120 11.4 6.9 10.3#

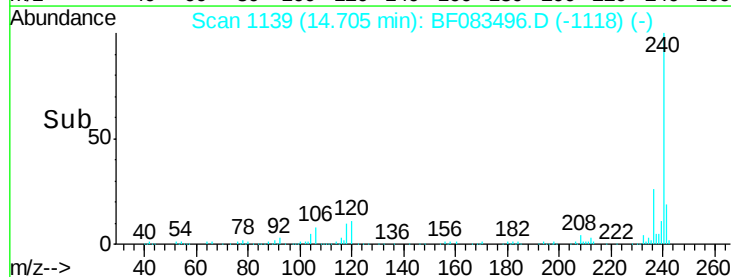
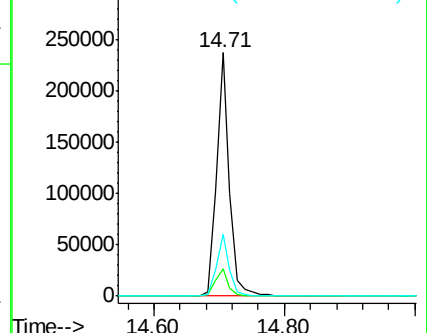
236 25.5 19.8 29.6

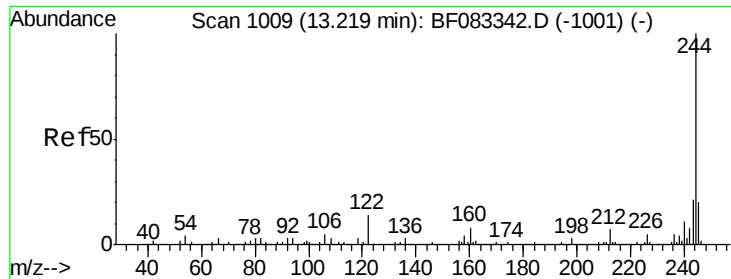


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

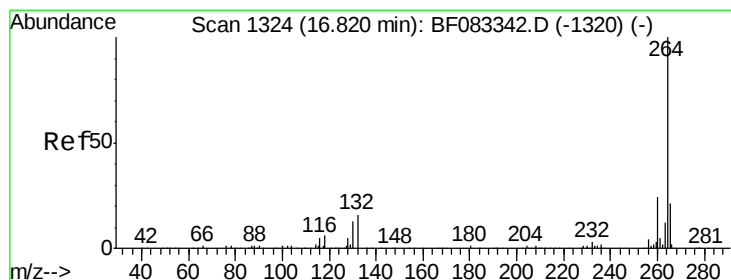
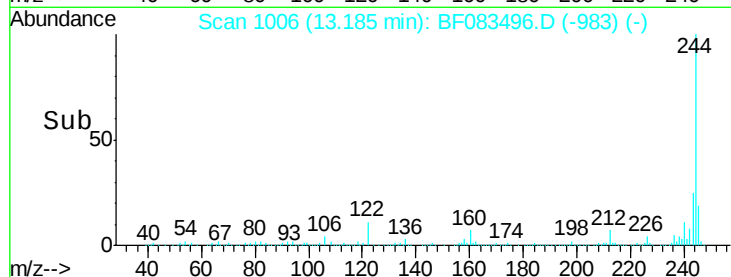
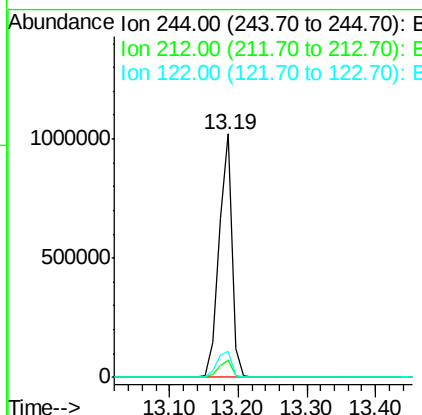
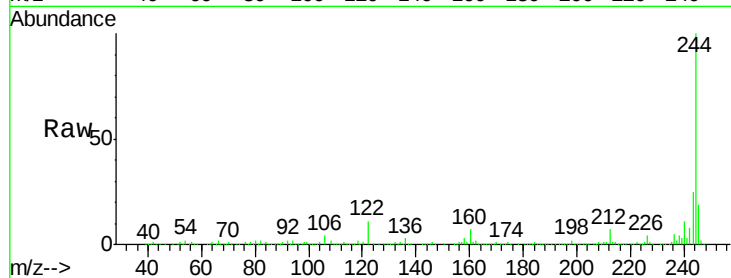




#78
 Terphenyl-d14
 Concen: 99.42 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion:244 Resp: 1359605
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Tgt Ion:264 Resp: 252146
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.8 16.8 25.2

