

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083351.D
 Acq On : 30 Nov 2015 23:41
 Operator : UM/IZ
 Sample : PB86921BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

Quant Time: Dec 01 02:30:14 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	6.54	152	170516	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	665227	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	351812	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	662031	20.00	ng	0.00
75) Chrysene-d12	14.75	240	646463	20.00	ng	-0.01
86) Perylene-d12	16.81	264	536906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	852728	75.04	ng	0.01
7) Phenol-d6	6.21	99	1183781	76.11	ng	-0.01
23) Nitrobenzene-d5	7.12	82	973597	64.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	235969	66.82	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1751993	70.97	ng	0.00
78) Terphenyl-d14	13.22	244	1785643	65.87	ng	0.00

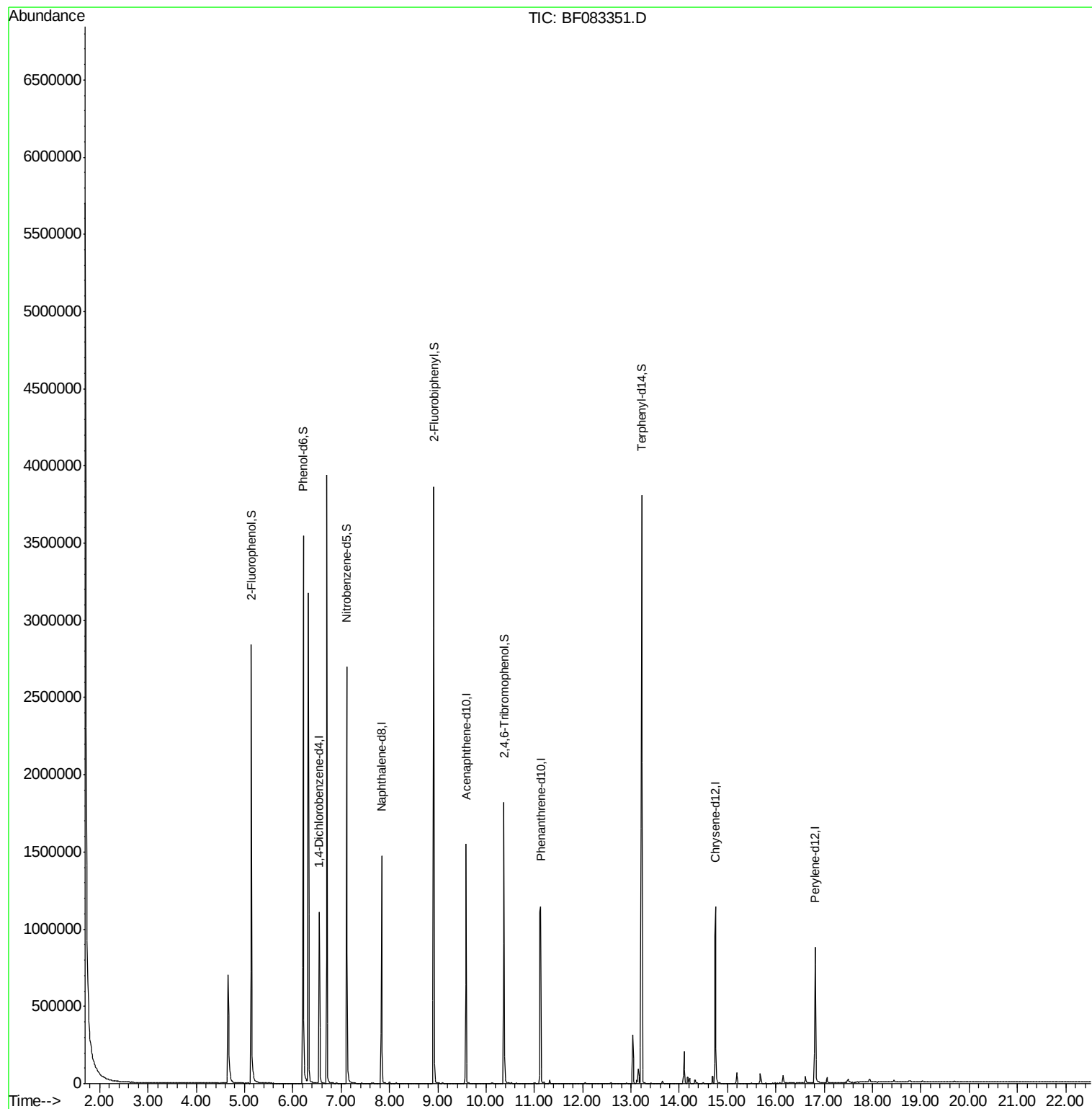
Target Compounds	Qvalue
------------------	--------

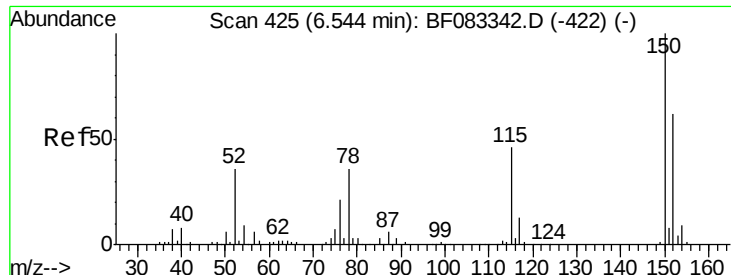
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083351.D
Acq On : 30 Nov 2015 23:41
Operator : UM/IZ
Sample : PB86921BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Quant Time: Dec 01 02:30:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

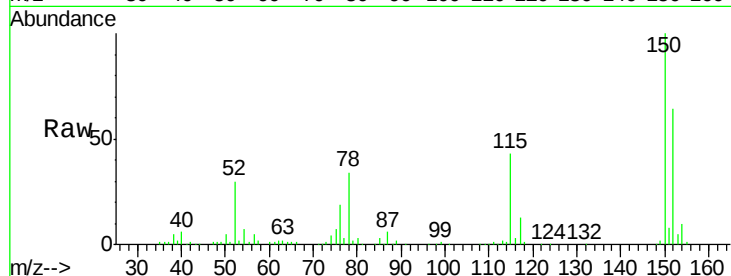
Tgt Ion:152 Resp: 170516

Ion Ratio Lower Upper

152 100

150 157.0 129.8 194.8

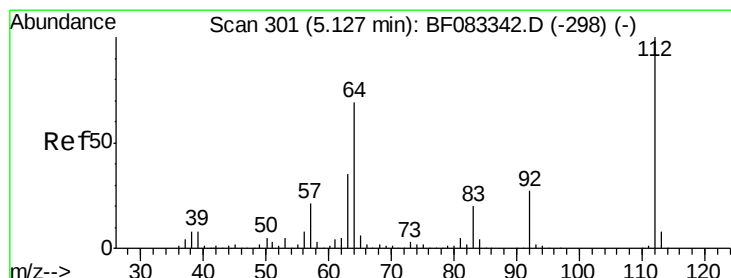
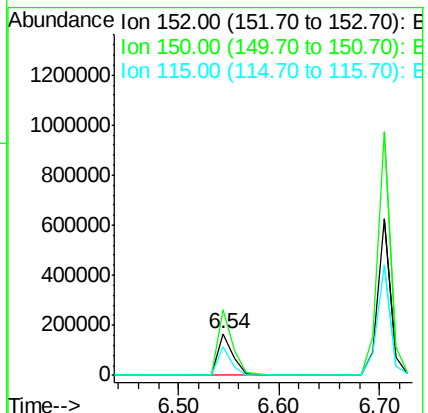
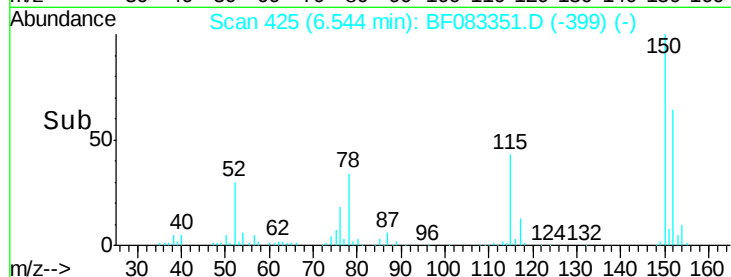
115 67.2 59.2 88.8



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: 75.04 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

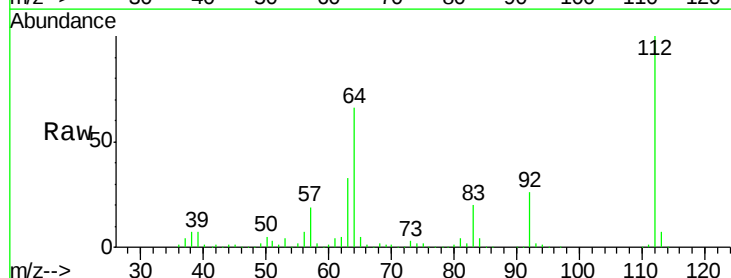
Tgt Ion:112 Resp: 852728

Ion Ratio Lower Upper

112 100

64 65.5 55.6 83.4

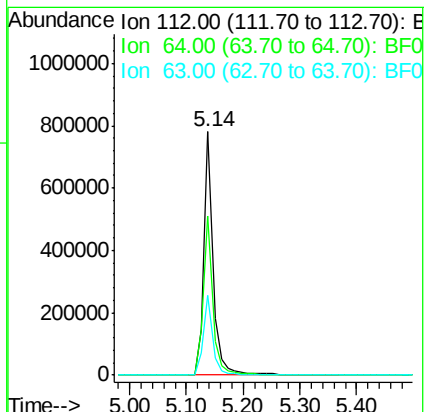
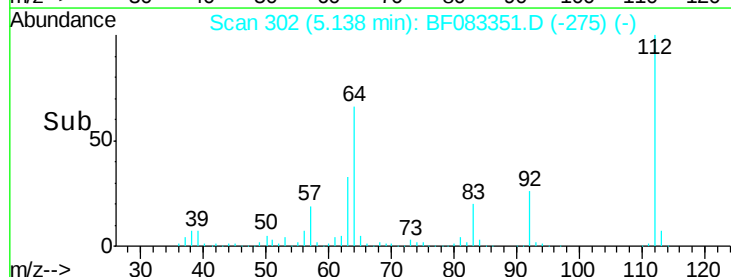
63 32.9 28.2 42.2

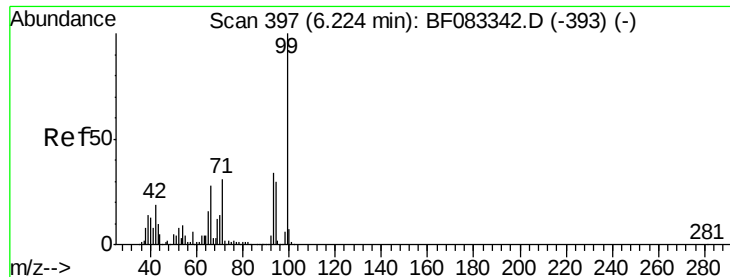


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.11 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

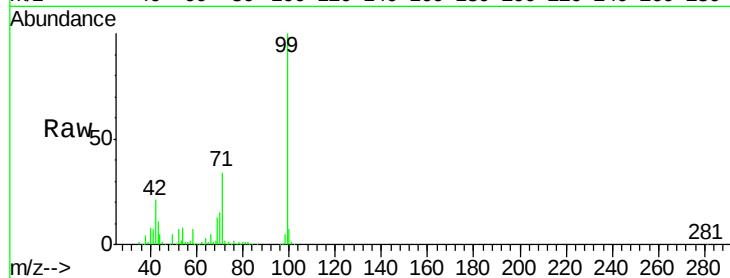
Tgt Ion: 99 Resp: 1183781

Ion Ratio Lower Upper

99 100

42 21.4 14.9 22.3

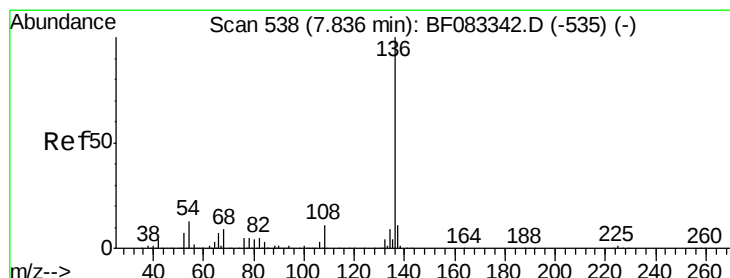
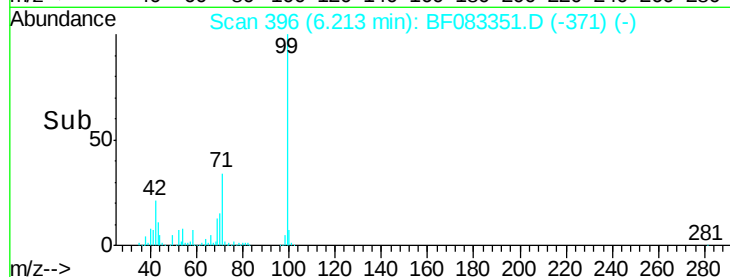
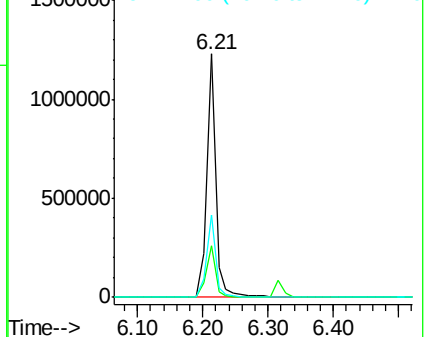
71 33.9 24.7 37.1



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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Tgt Ion: 136 Resp: 665227

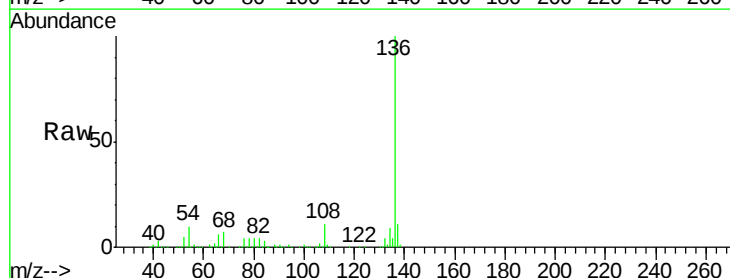
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 10.2 10.1 15.1

68 7.1 7.1 10.7#

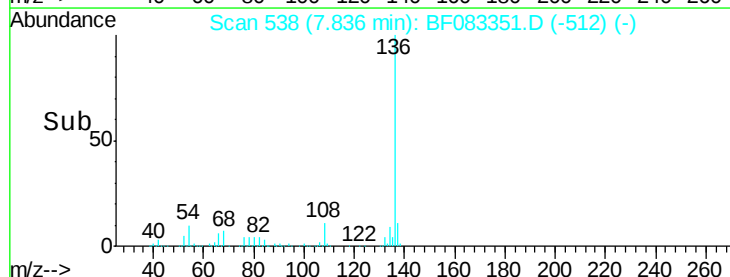
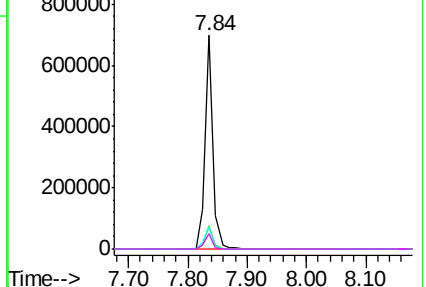


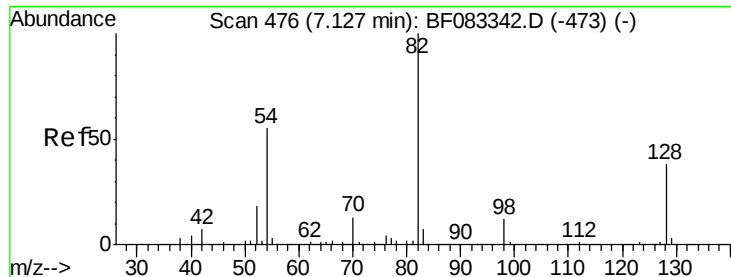
Abundance Ion 136.00 (135.70 to 136.70): E

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

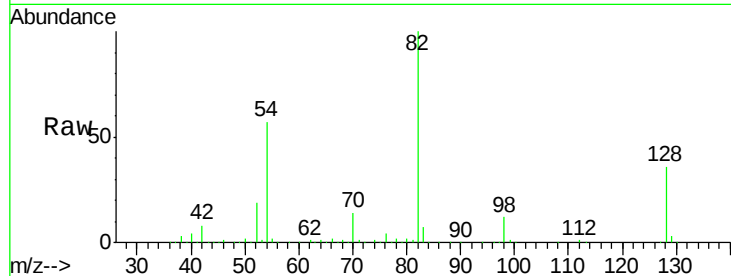




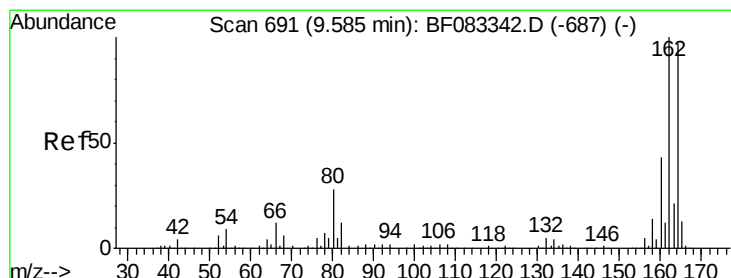
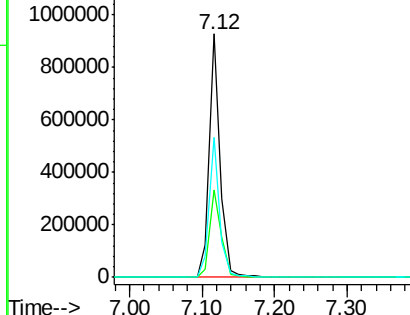
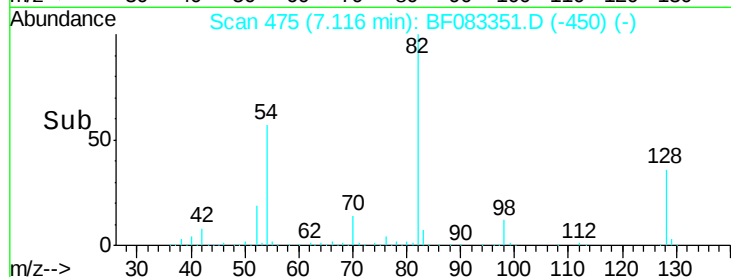
#23
 Nitrobenzene-d5
 Concen: 64.34 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.6	46.0
54	57.2	43.8	65.6

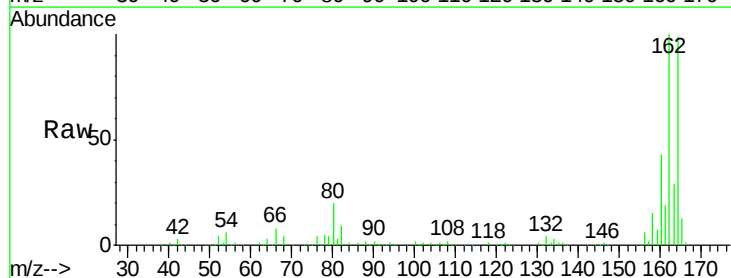


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

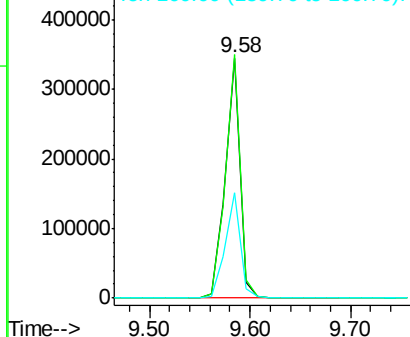
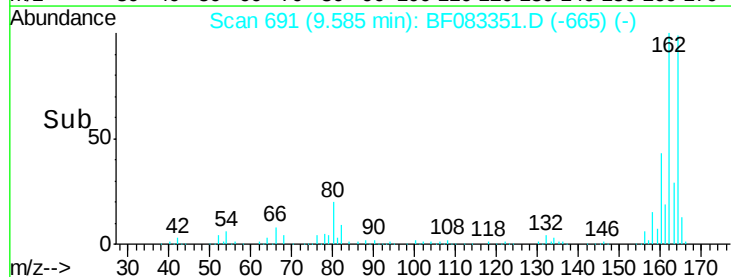


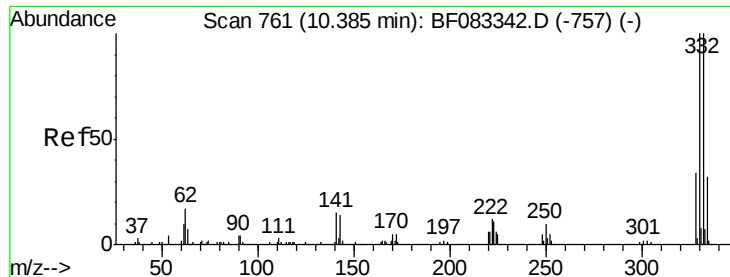
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	43.9	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

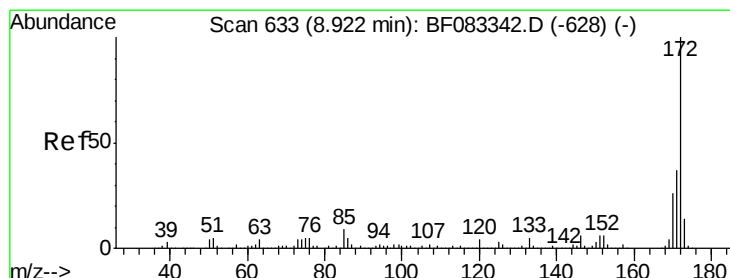
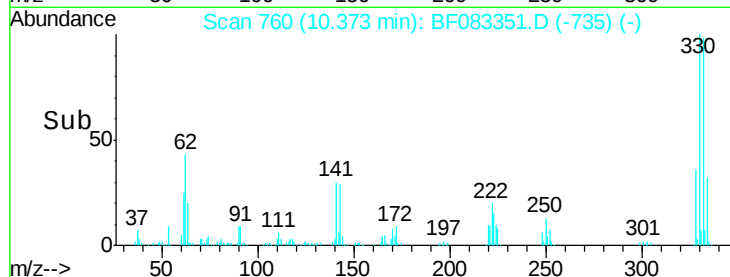
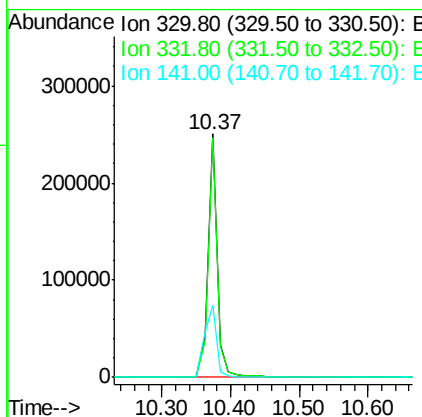
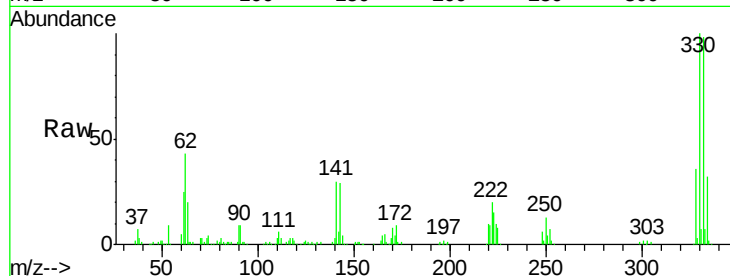




#41
 2,4,6-Tribromophenol
 Concen: 66.82 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

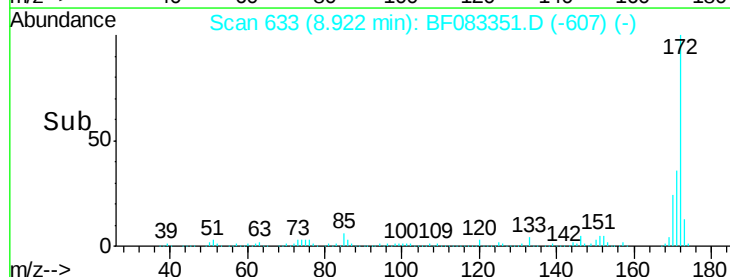
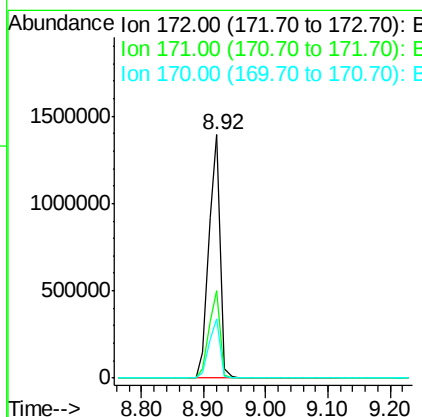
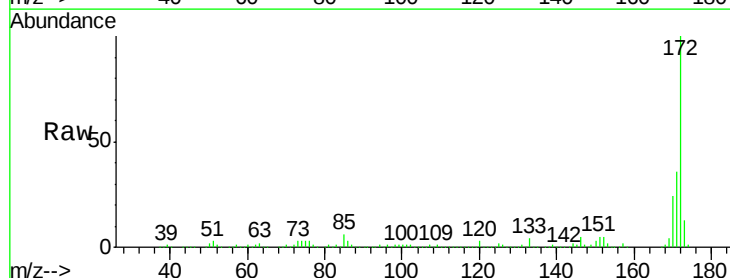
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

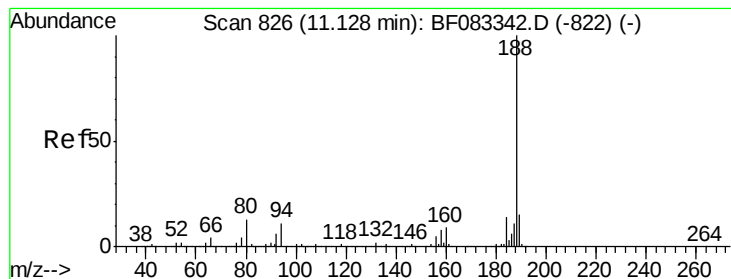
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	38.0	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 70.97 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	20.4	30.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

Instrument :

BNA_F

ClientSampleId :

PB86921BL

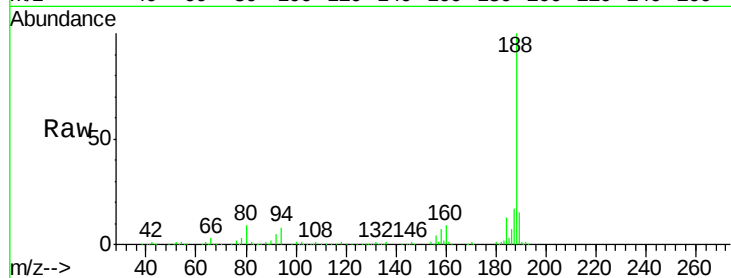
Tgt Ion:188 Resp: 662031

Ion Ratio Lower Upper

188 100

94 7.8 8.7 13.1#

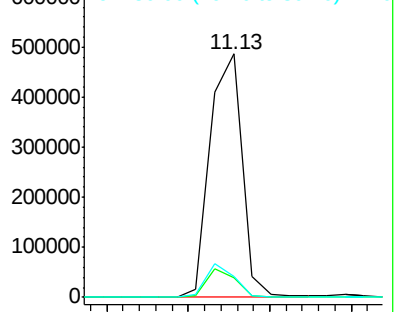
80 8.7 10.3 15.5#



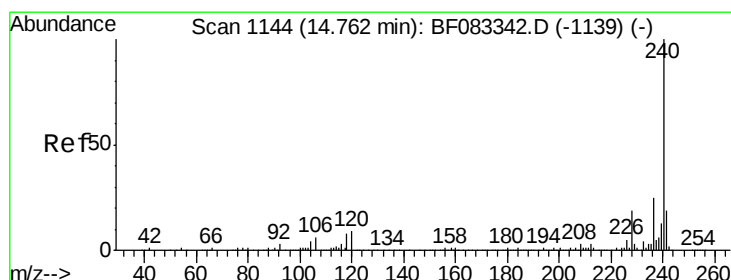
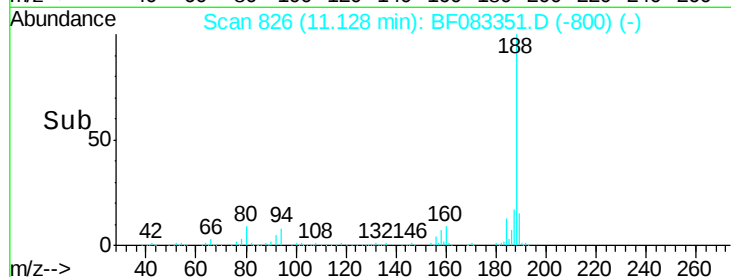
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.05 11.10 11.15 11.20



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083351.D

Acq: 30 Nov 2015 23:41

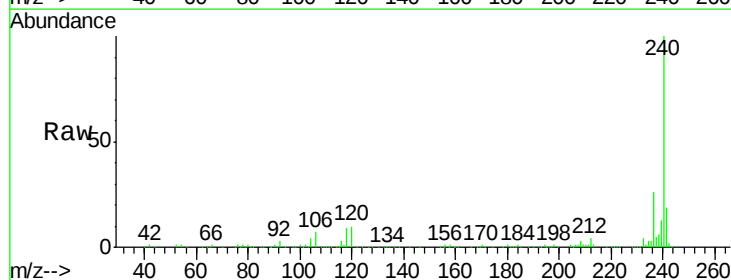
Tgt Ion:240 Resp: 646463

Ion Ratio Lower Upper

240 100

120 9.5 6.9 10.3

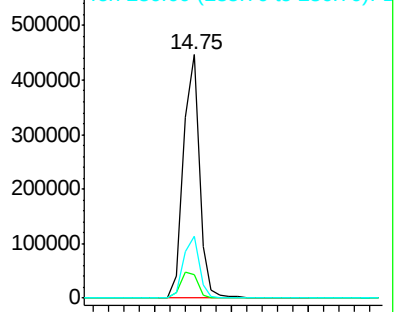
236 25.6 19.8 29.6



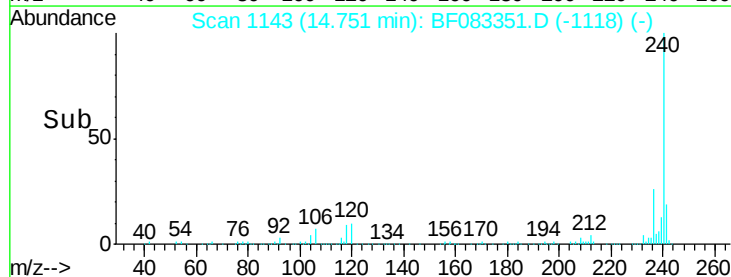
Abundance Ion 240.00 (239.70 to 240.70): E

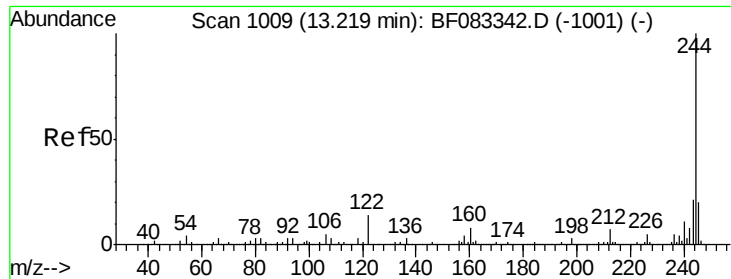
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.70 14.80 14.90

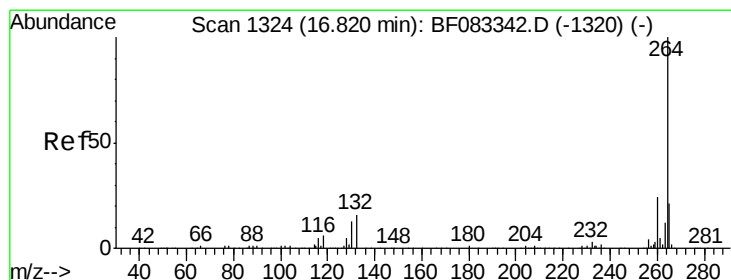
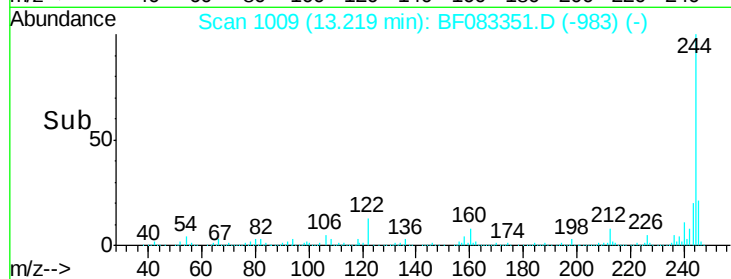
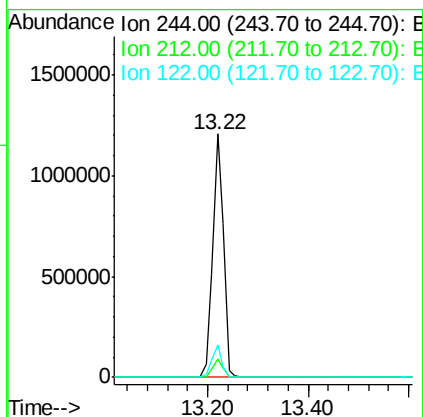
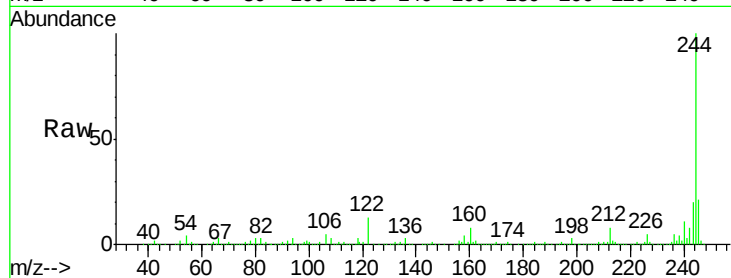




#78
 Terphenyl-d14
 Concen: 65.87 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BL

Tgt Ion:244 Resp: 1785643
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083351.D
 Acq: 30 Nov 2015 23:41

Tgt Ion:264 Resp: 536906
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.2 16.8 25.2

