

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083369.D
 Acq On : 1 Dec 2015 8:49
 Operator : UM/IZ
 Sample : G4538-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Dec 01 10:39:05 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	179405	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	675473	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	341829	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	673885	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	590612	20.00	ng	-0.01
86) Perylene-d12	16.81	264	399552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	715162	59.82	ng	0.00
7) Phenol-d6	6.21	99	595762	36.41	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1299301	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	411589	119.95	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2092677	87.24	ng	0.00
78) Terphenyl-d14	13.22	244	2075017	83.79	ng	0.00

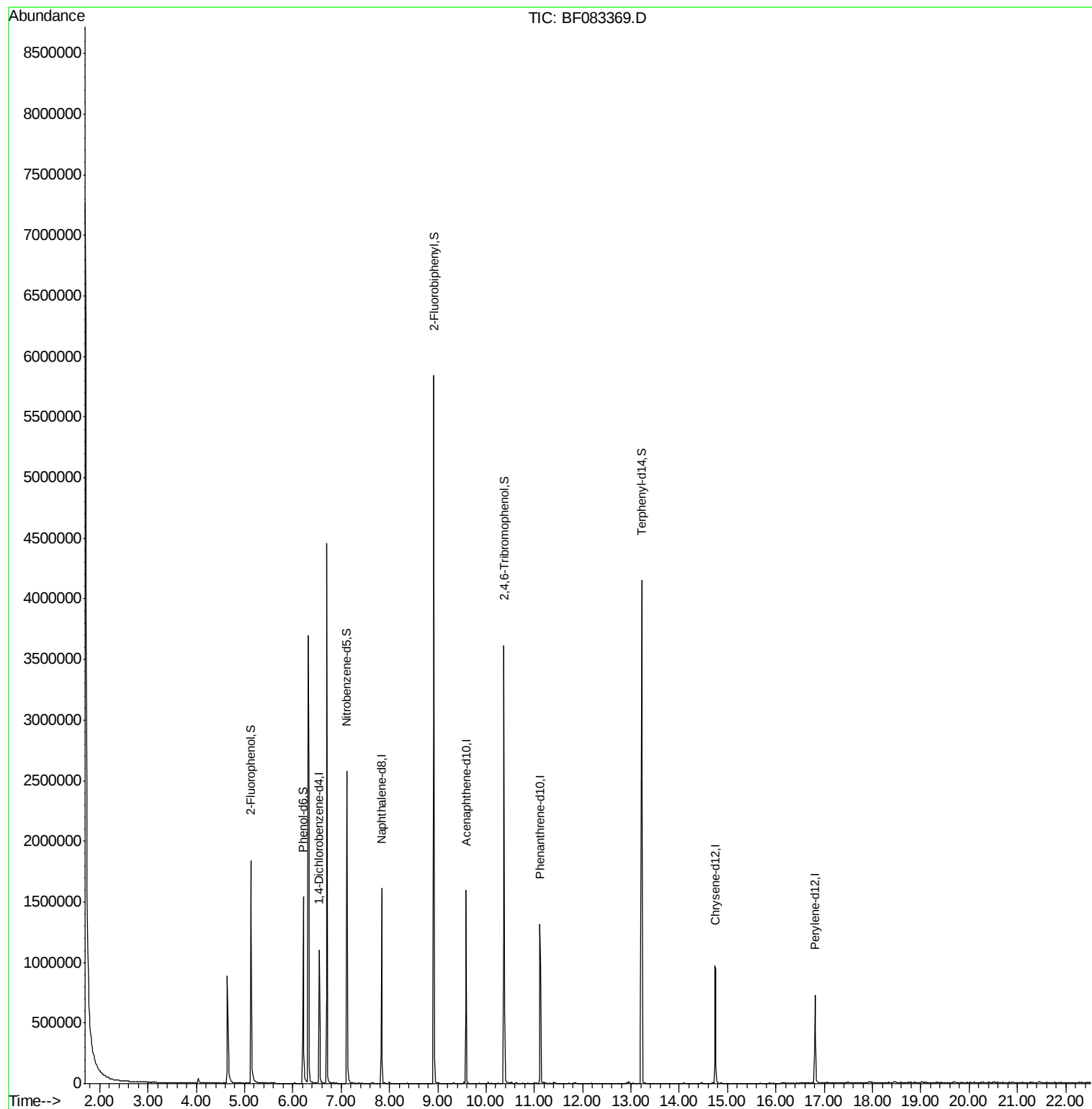
Target Compounds Qvalue

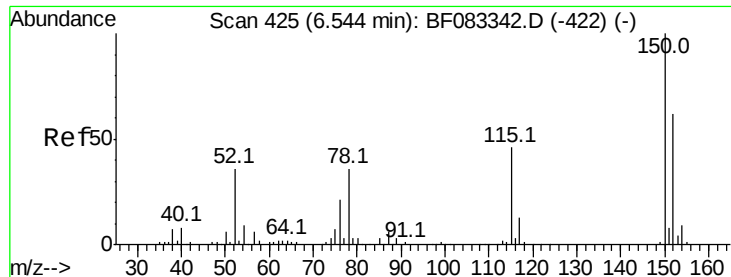
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

Instrument :

BNA_F

ClientSampled :

W-21

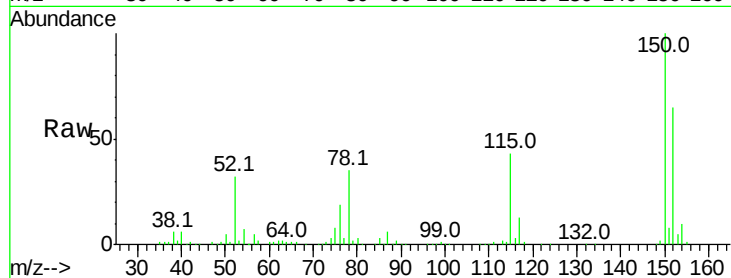
Tot Ion:152 Resp: 179405

Ion Ratio Lower Upper

152 100

150 154.9 129.8 194.8

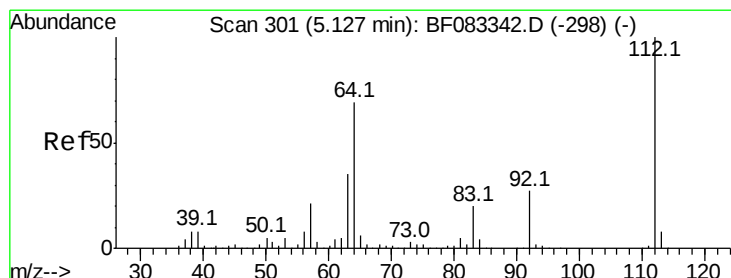
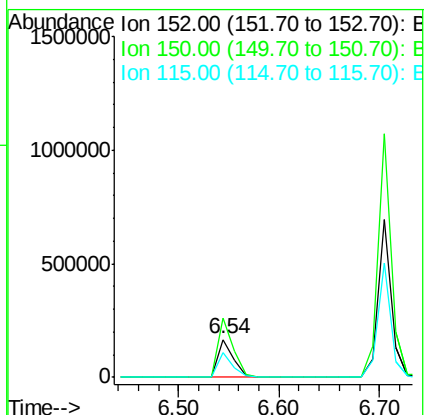
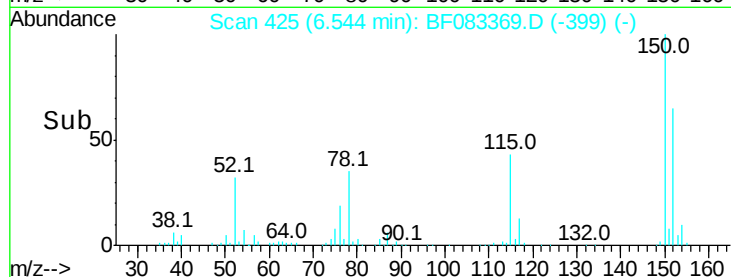
115 66.9 59.2 88.8



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: 59.82 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

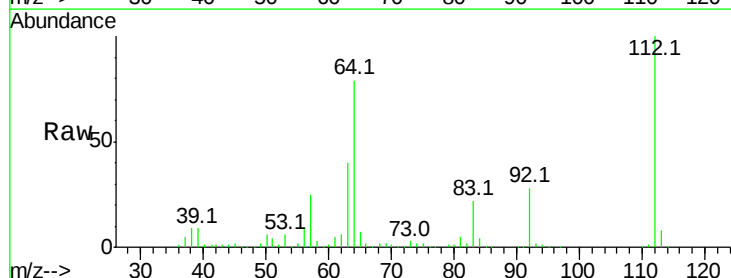
Tgt Ion:112 Resp: 715162

Ion Ratio Lower Upper

112 100

64 79.3 55.6 83.4

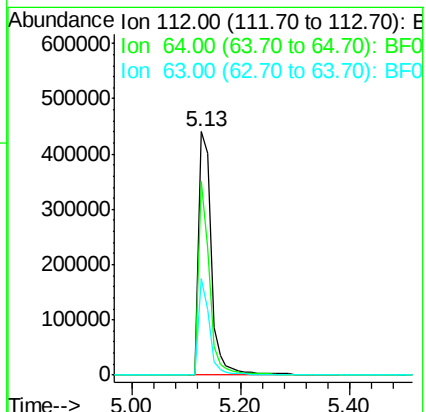
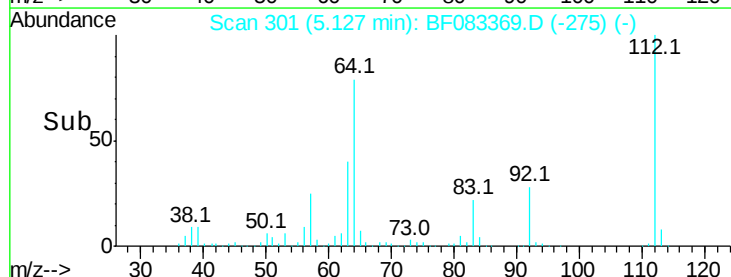
63 39.7 28.2 42.2

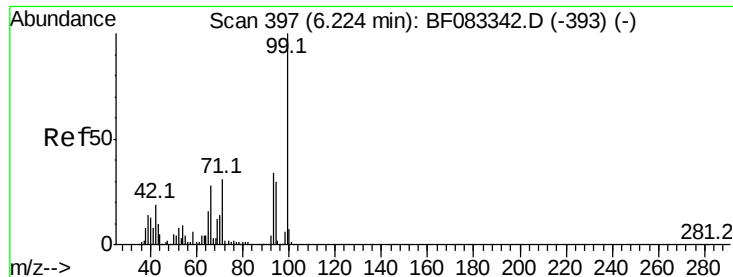


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.41 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

Instrument :

BNA_F

ClientSampleId :

W-21

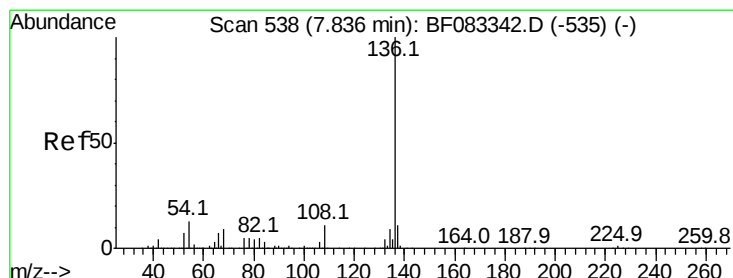
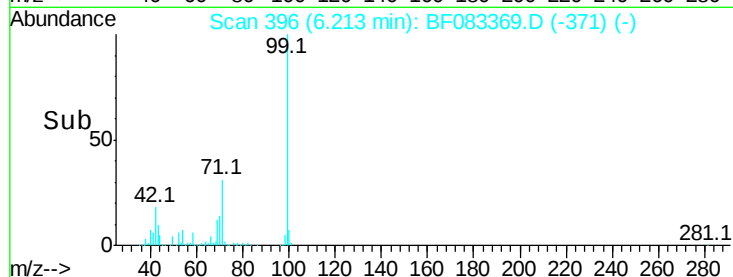
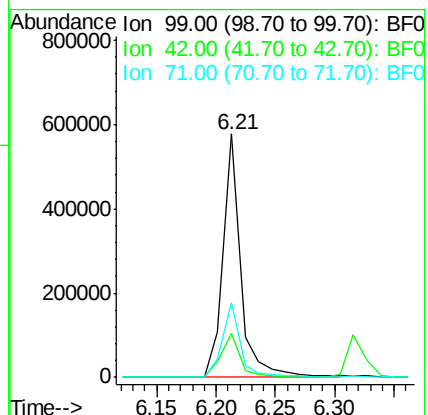
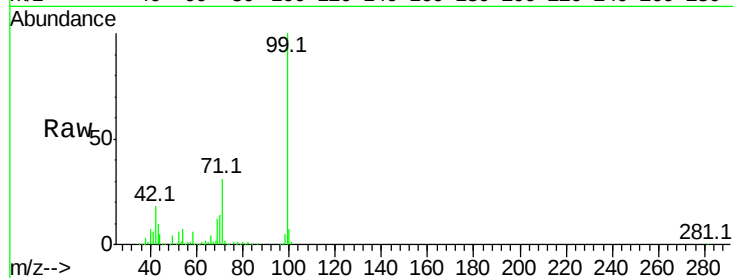
Tot Ion: 99 Resp: 595762

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 30.5 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

Tgt Ion: 136 Resp: 675473

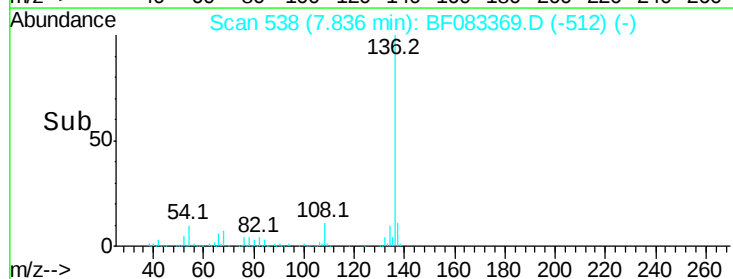
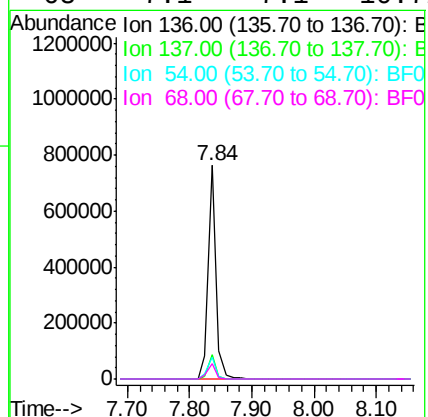
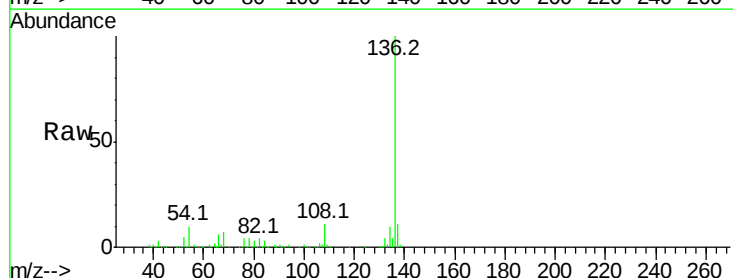
Ion Ratio Lower Upper

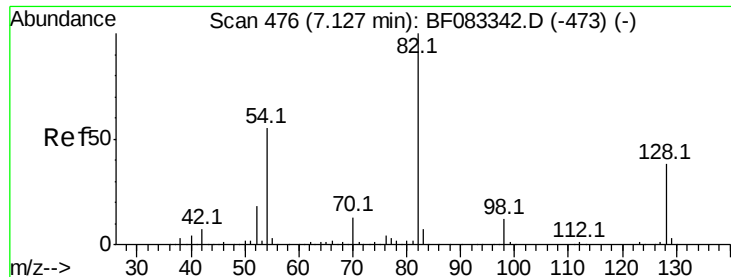
136 100

137 11.3 9.0 13.4

54 10.0 10.1 15.1#

68 7.1 7.1 10.7#



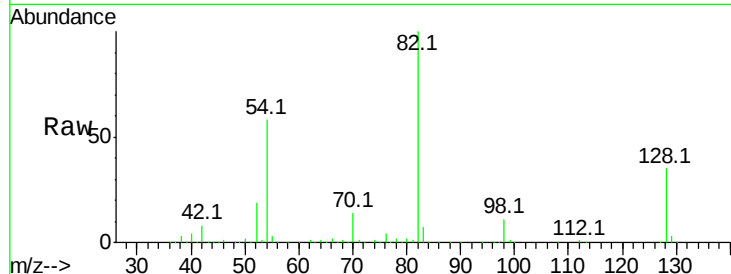


#23
 Nitrobenzene-d5
 Concen: 84.56 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

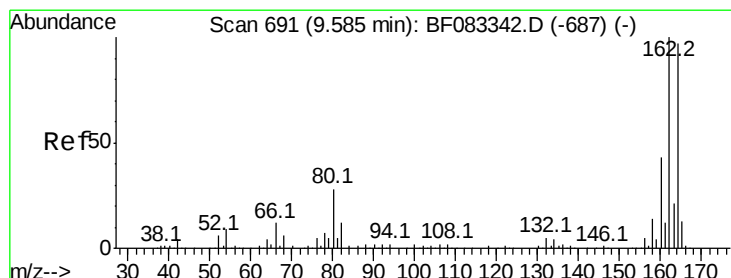
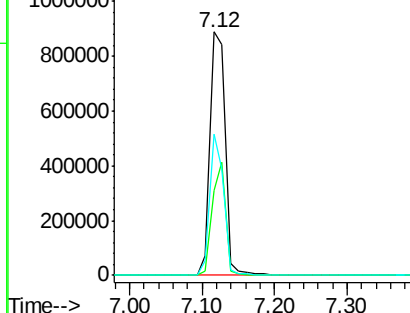
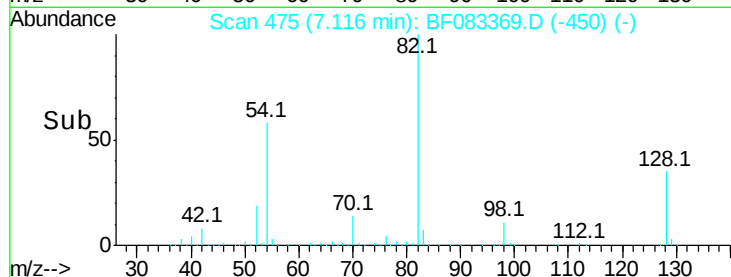
Instrument :
 BNA_F
 ClientSampled :
 W-21

Tot Ion: 82 Resp: 1299301

Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.6	46.0
54	58.1	43.8	65.6



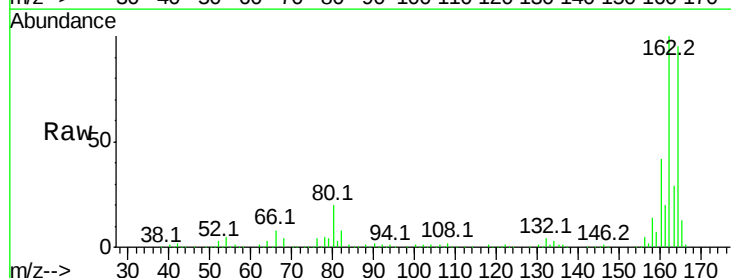
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



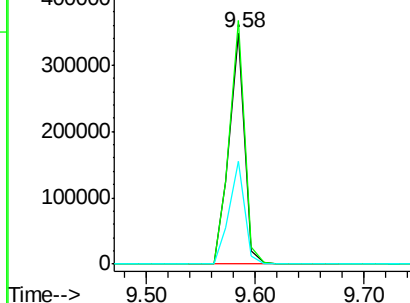
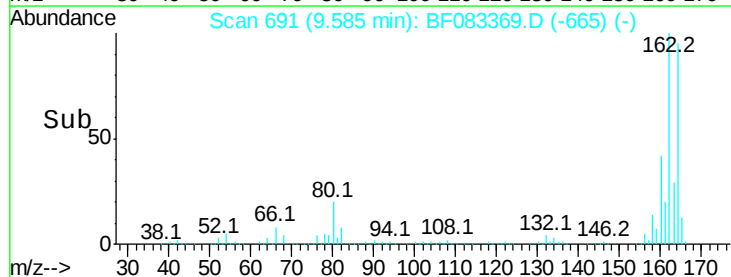
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

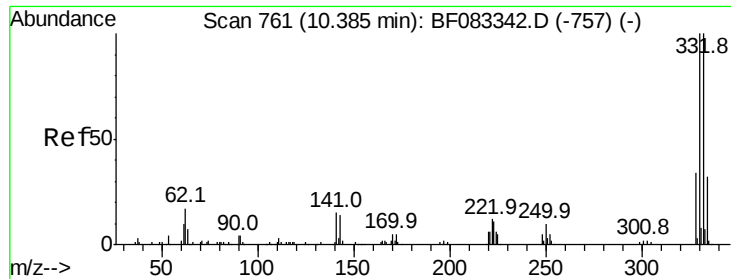
Tgt Ion: 164 Resp: 341829

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	44.4	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

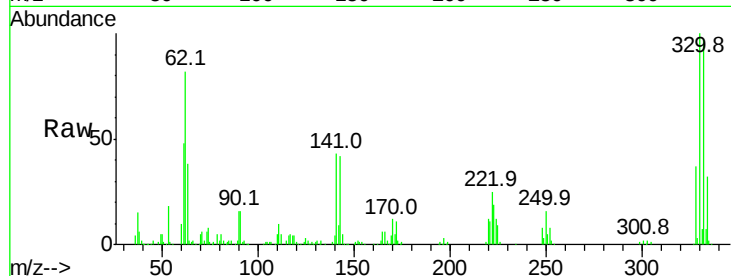




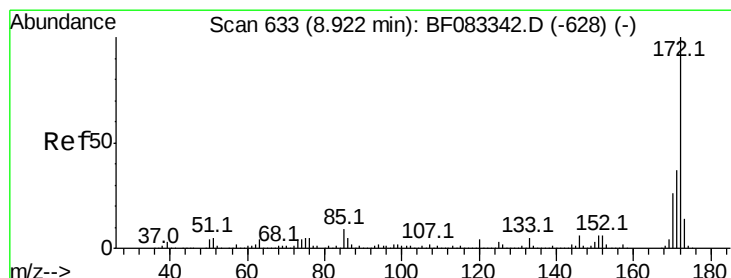
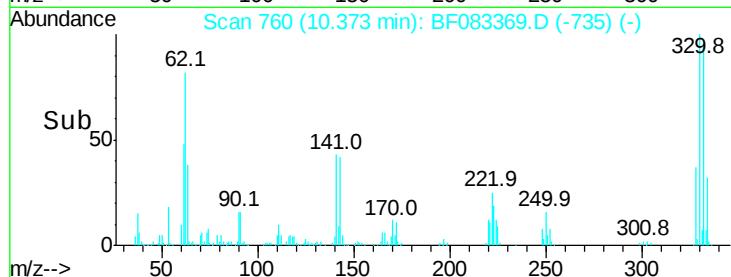
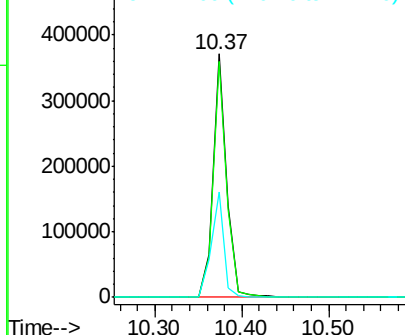
#41
 2,4,6-Tribromophenol
 Concen: 119.95 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampleID :
 W-21

Tot Ion:330 Resp: 411589
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 39.8 29.4 44.0

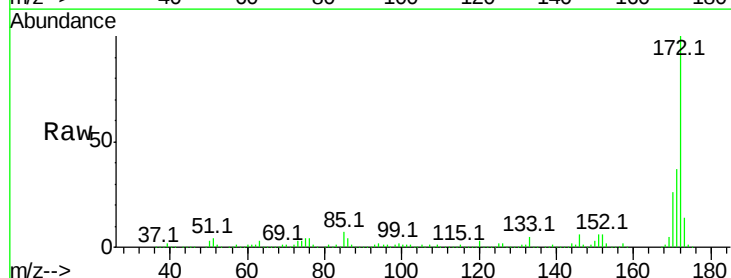


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

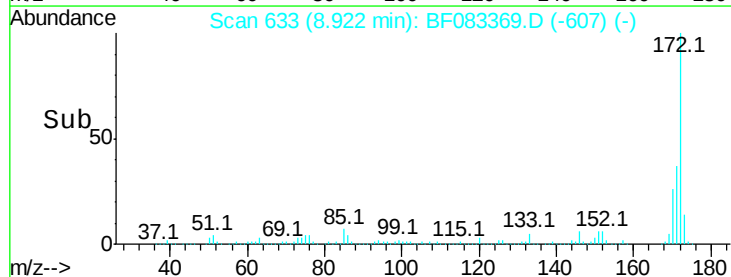
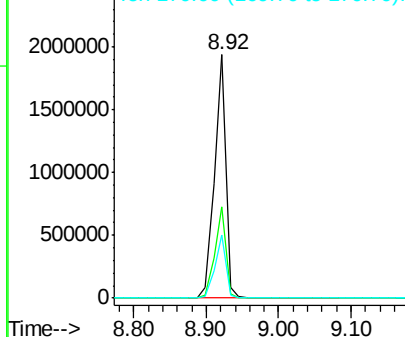


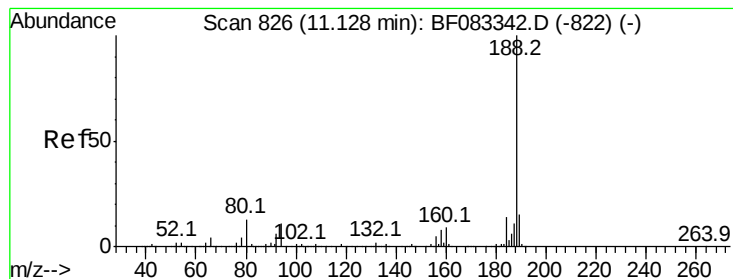
#44
 2-Fluorobiphenyl
 Concen: 87.24 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083369.D
 Acq: 1 Dec 2015 8:49

Tgt Ion:172 Resp: 2092677
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 25.7 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: 11.12 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

Instrument :

BNA_F

ClientSampleId :

W-21

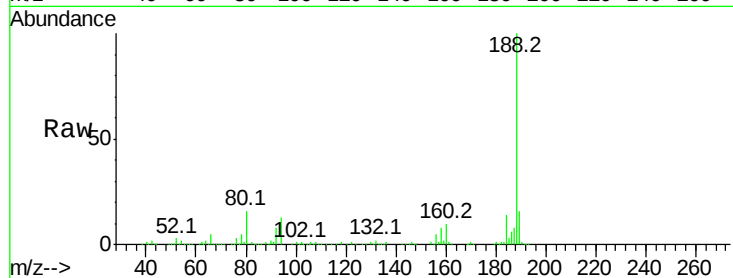
Tot Ion:188 Resp: 673885

Ion Ratio Lower Upper

188 100

94 13.4 8.7 13.1#

80 16.0 10.3 15.5#

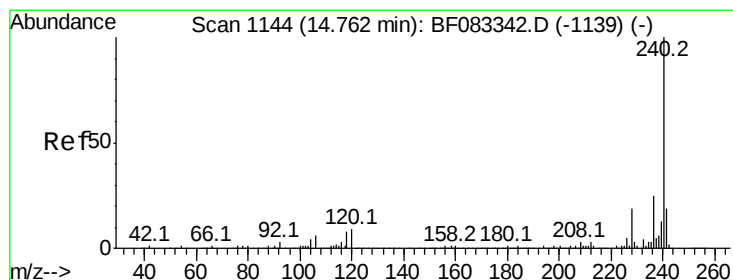
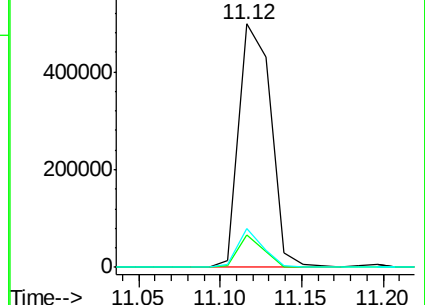
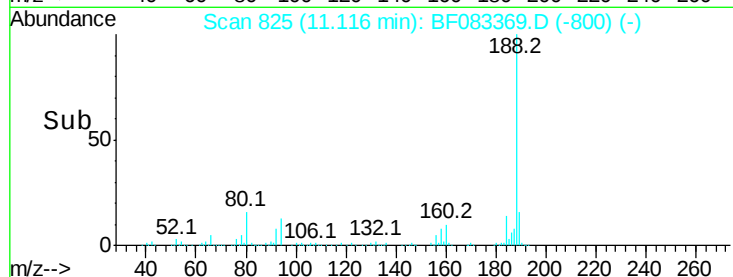


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

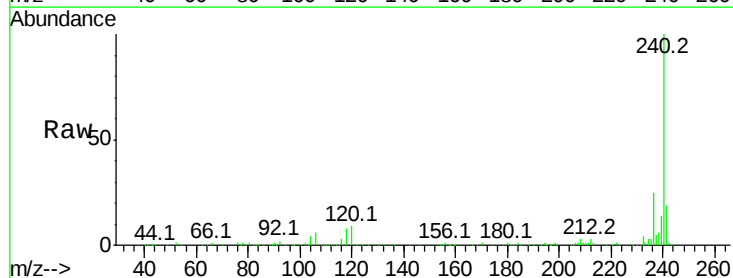
Tgt Ion:240 Resp: 590612

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

236 25.3 19.8 29.6

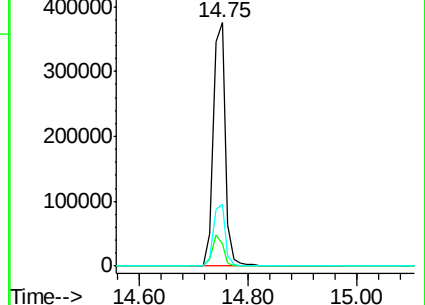
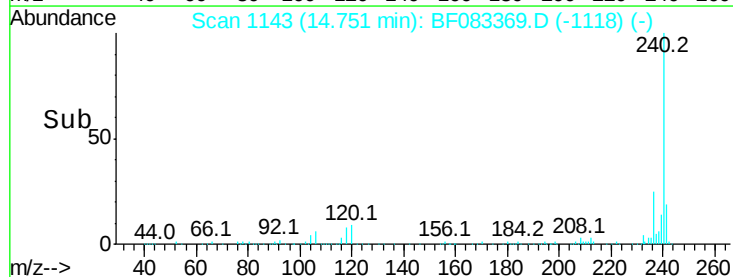


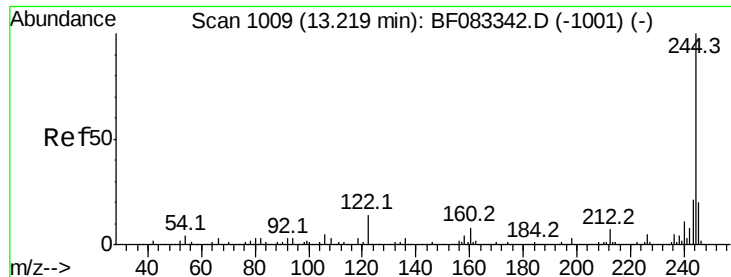
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 83.79 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

Instrument :

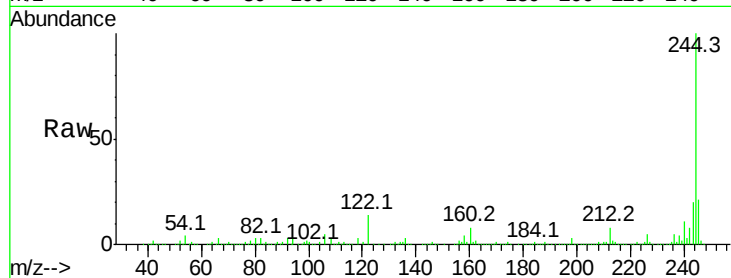
BNA_F

ClientSampleId :

W-21

Tot Ion:244 Resp: 2075017

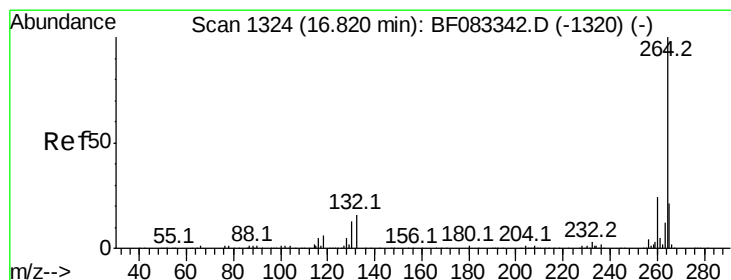
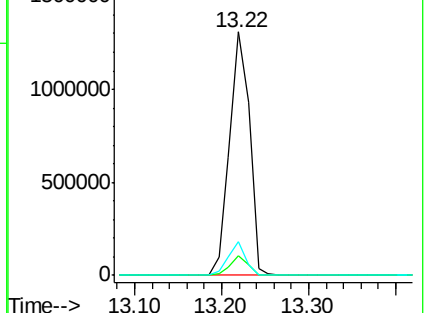
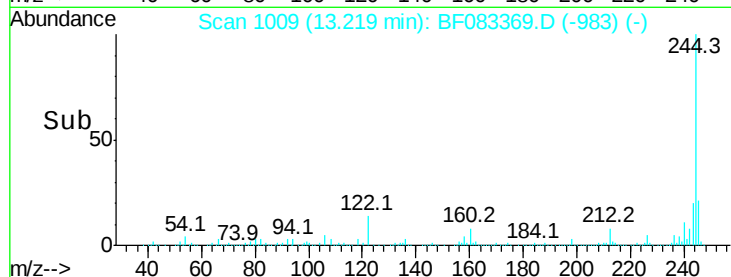
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	13.8	11.0	16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 16.81 min Scan# 1323

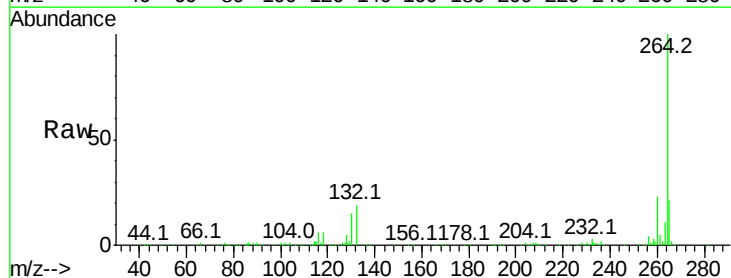
Delta R.T. -0.01 min

Lab File: BF083369.D

Acq: 1 Dec 2015 8:49

Tgt Ion:264 Resp: 399552

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.2	16.8	25.2



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

