

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083383.D
 Acq On : 1 Dec 2015 20:27
 Operator : UM/IZ
 Sample : G4593-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12-15

Quant Time: Dec 02 03:43:37 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

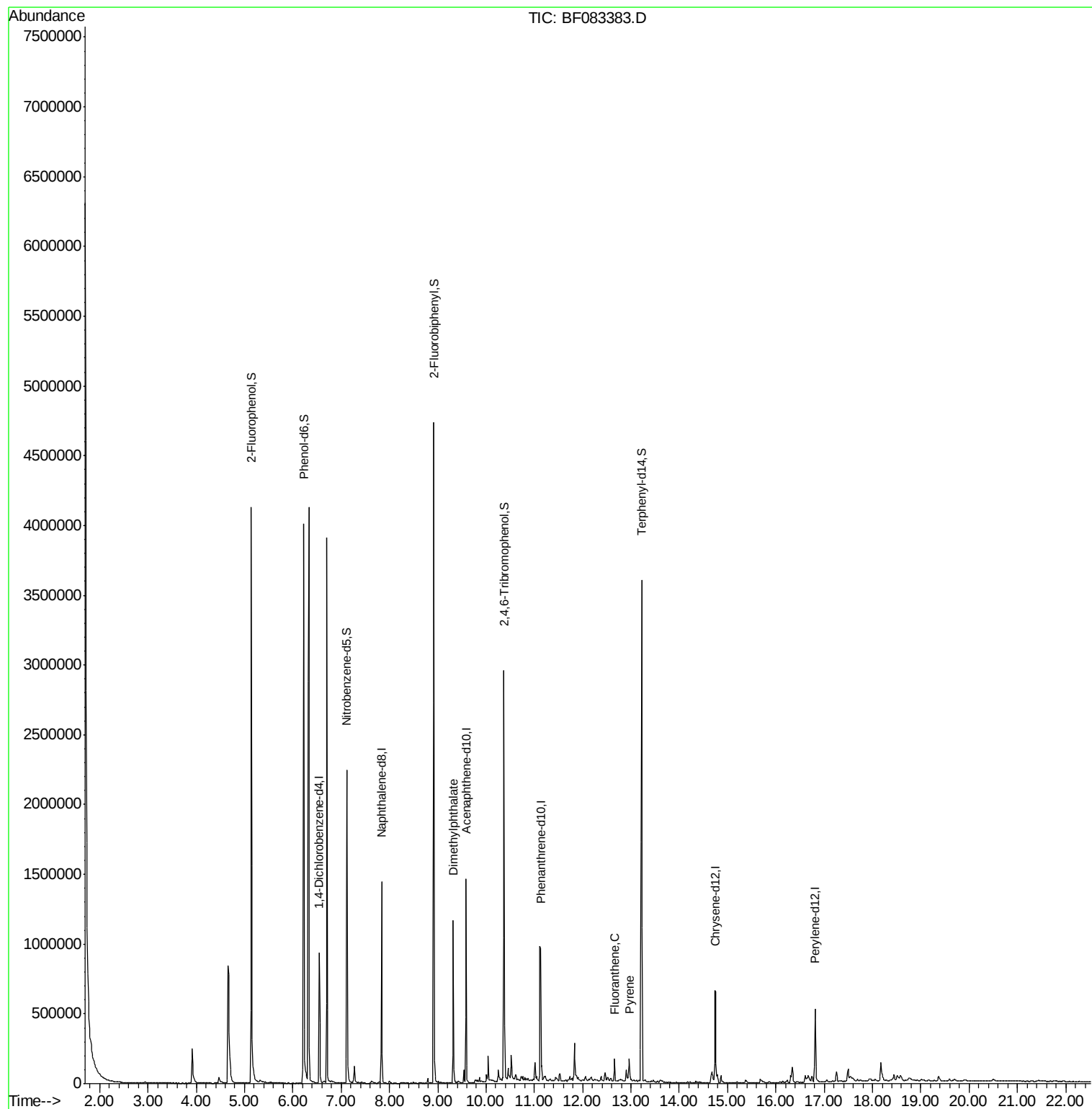
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	155225	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	618380	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	301144	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	542343	20.00	ng	0.00
75) Chrysene-d12	14.75	240	382486	20.00	ng	-0.01
86) Perylene-d12	16.81	264	316569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1279629	123.70	ng	0.01
7) Phenol-d6	6.22	99	1914009	135.18	ng	0.00
23) Nitrobenzene-d5	7.12	82	1124843	79.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	325271	107.60	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1800713	85.21	ng	0.00
78) Terphenyl-d14	13.22	244	1518203	94.66	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	450828	18.42	ng	98
74) Fluoranthene	12.66	202	85670	2.58	ng	95
77) Pyrene	12.97	202	81696	3.06	ng	96

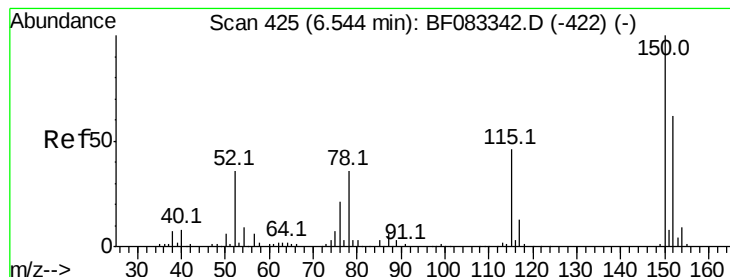
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 03:43:37 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: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

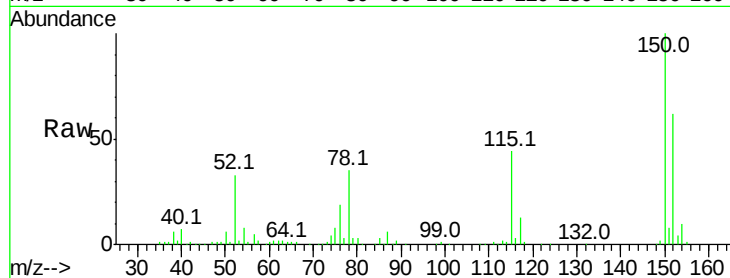
Tot Ion:152 Resp: 155225

Ion Ratio Lower Upper

152 100

150 161.0 129.8 194.8

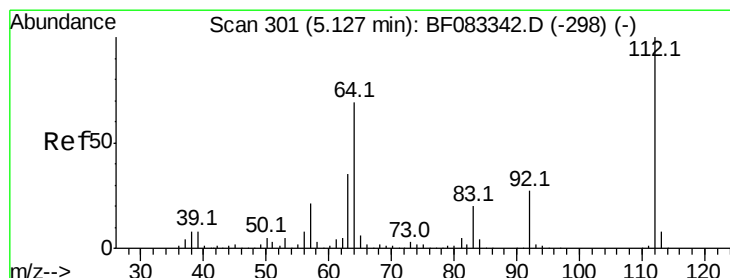
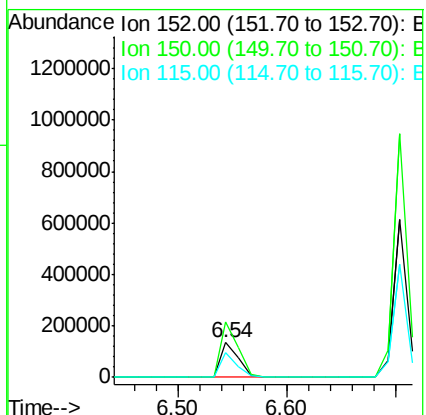
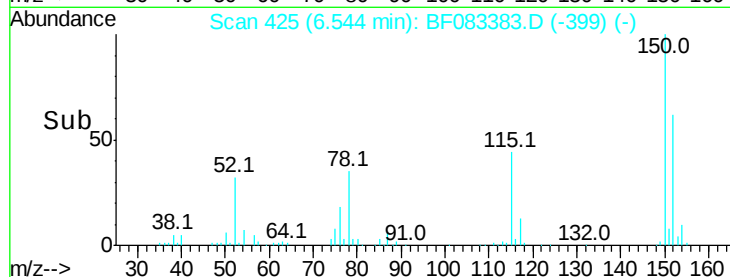
115 70.7 59.2 88.8



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: 123.70 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

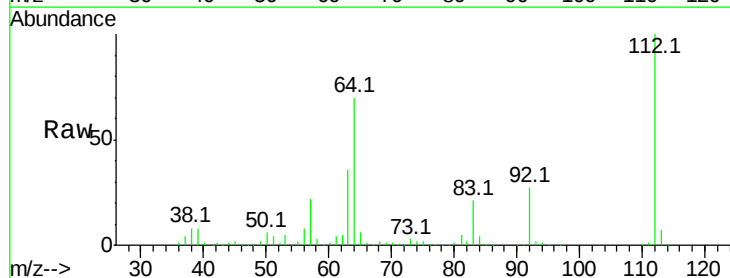
Tgt Ion:112 Resp: 1279629

Ion Ratio Lower Upper

112 100

64 70.4 55.6 83.4

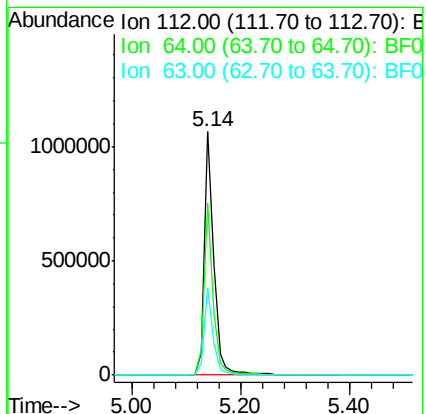
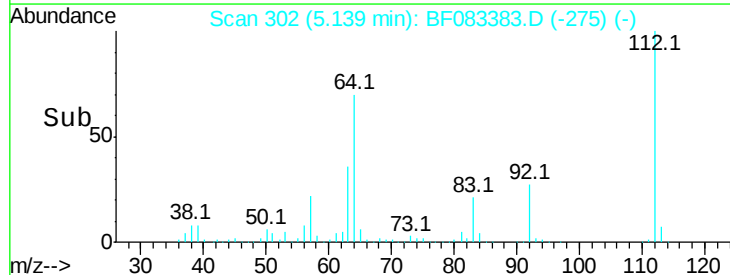
63 36.0 28.2 42.2

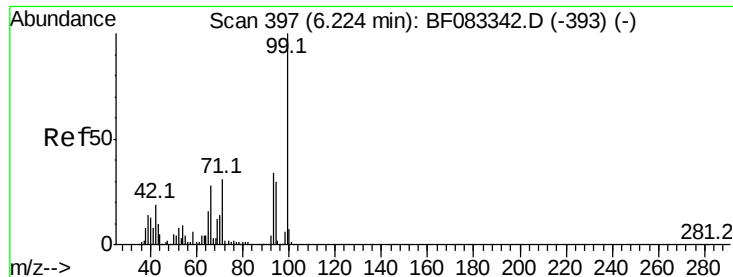


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.18 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

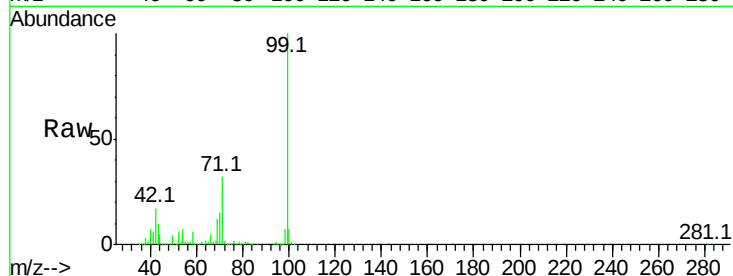
Tot Ion: 99 Resp: 1914009

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

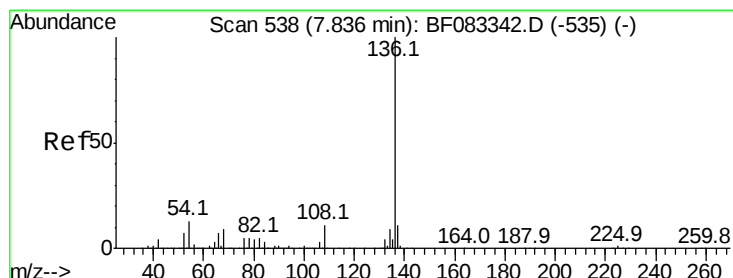
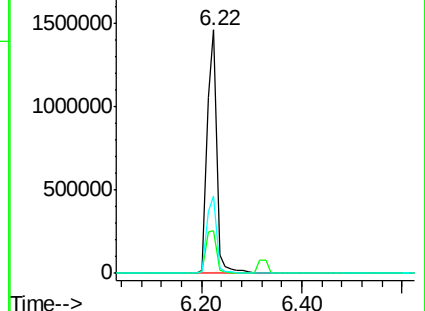
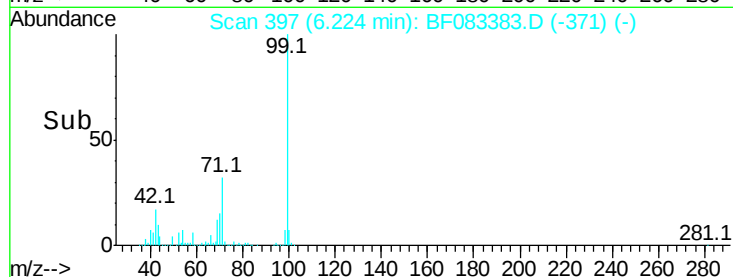
71 31.5 24.7 37.1



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: BF083383.D

Acq: 1 Dec 2015 20:27

Tgt Ion: 136 Resp: 618380

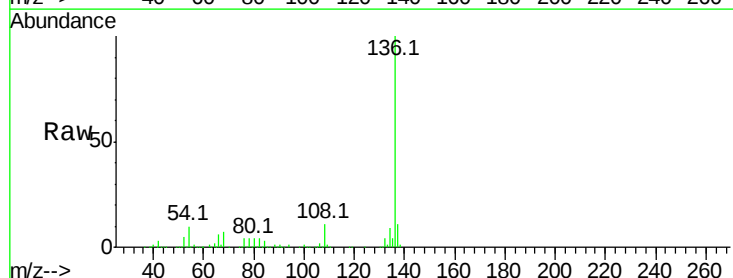
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 10.1 10.1 15.1

68 6.9 7.1 10.7#

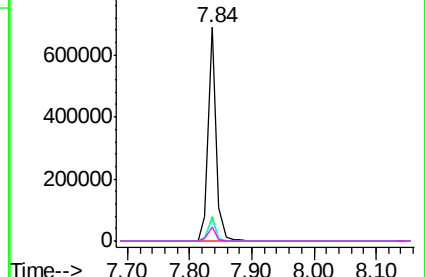
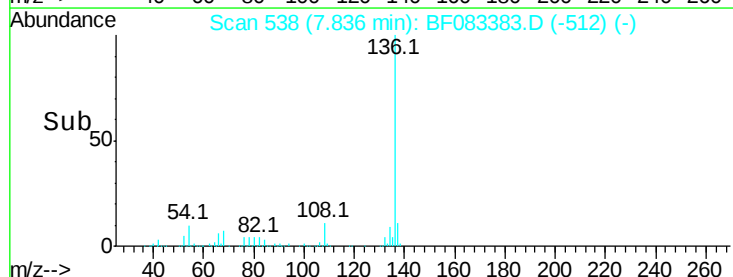


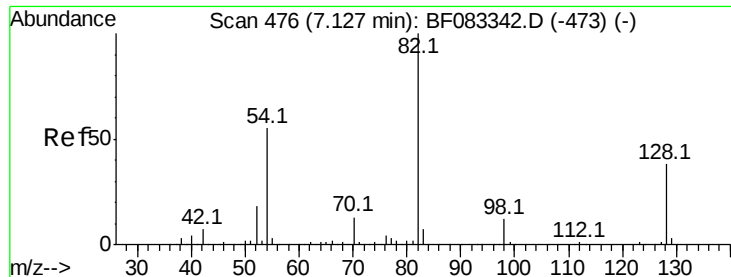
Abundance Ion 136.00 (135.70 to 136.70): E

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

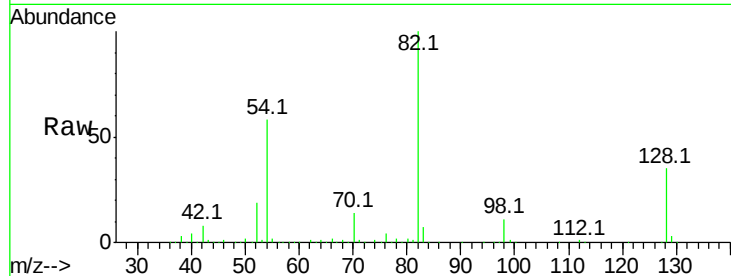




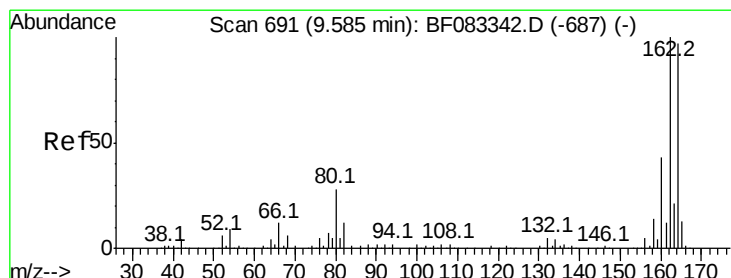
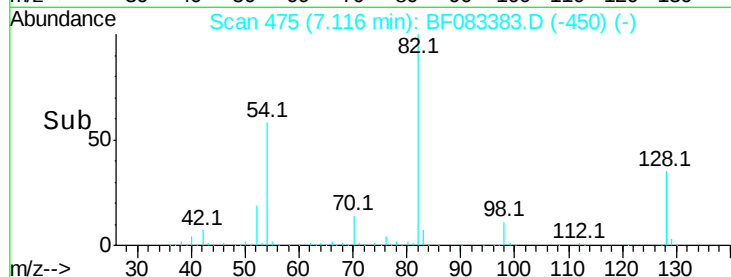
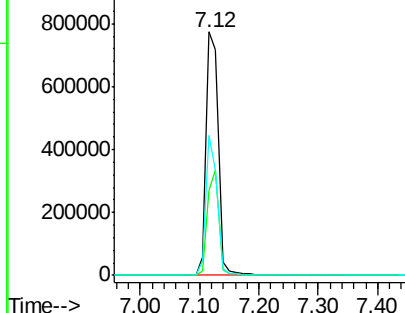
#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S12-15

Tot Ion: 82 Resp: 1124843
Ion Ratio Lower Upper
82 100
128 34.8 30.6 46.0
54 57.5 43.8 65.6

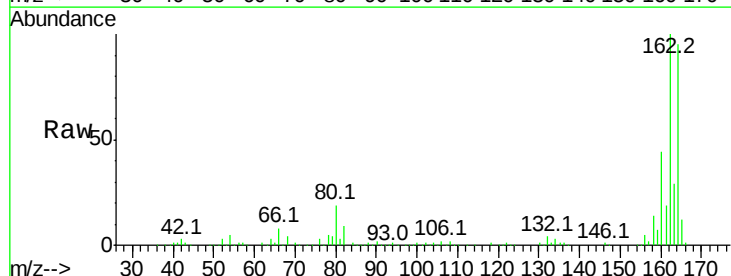


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

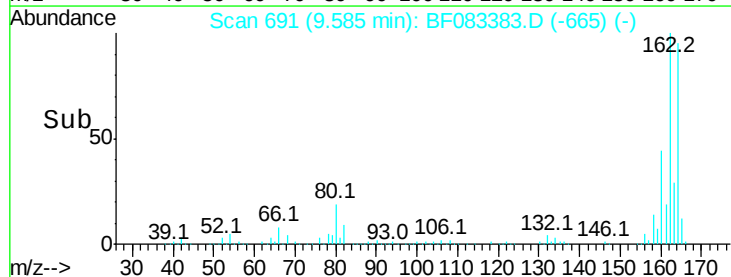
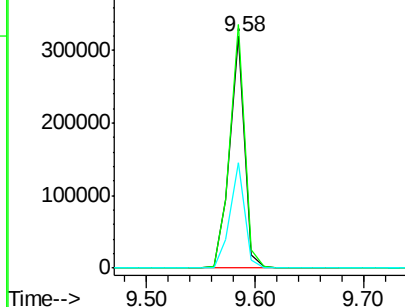


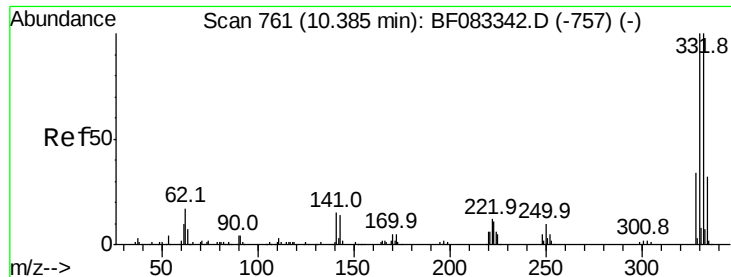
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Tgt Ion:164 Resp: 301144
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 45.7 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

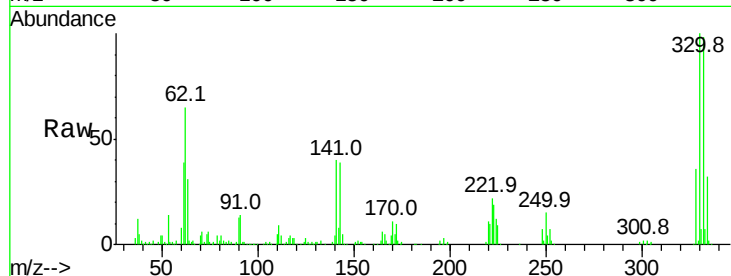




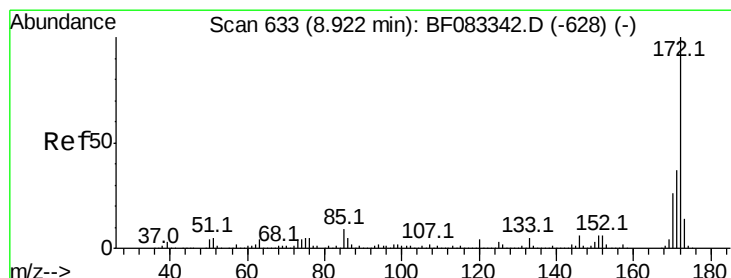
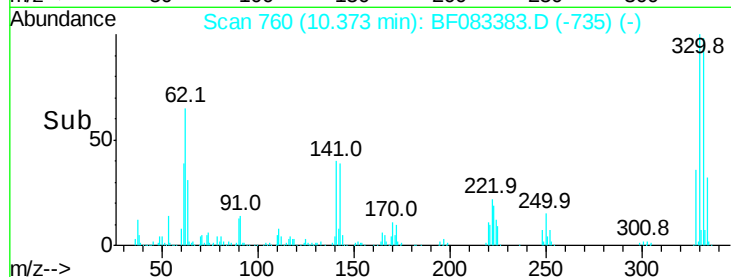
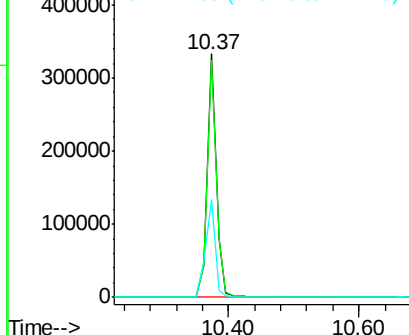
#41
 2,4,6-Tribromophenol
 Concen: 107.60 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 S12-15

Tot Ion:330 Resp: 325271
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 42.1 29.4 44.0

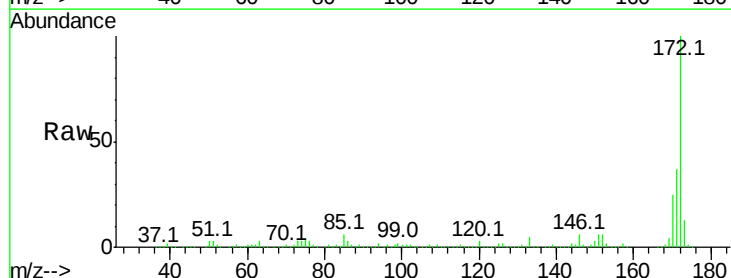


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

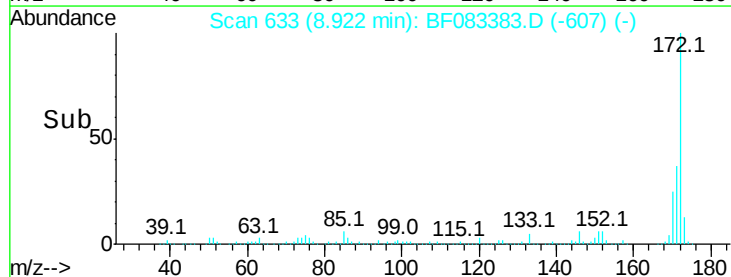
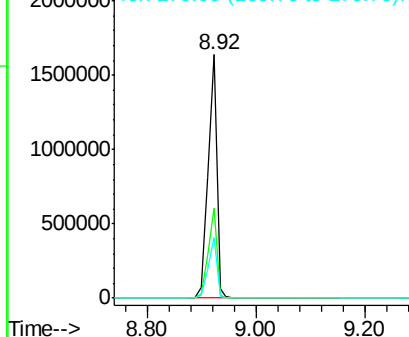


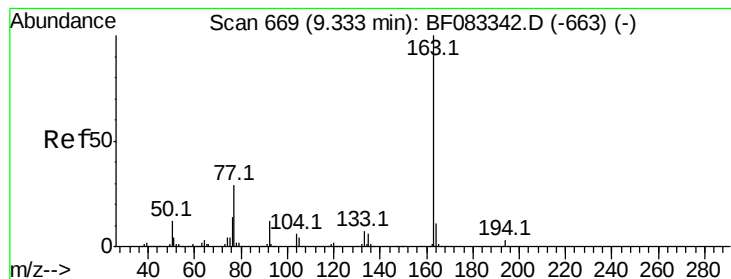
#44
 2-Fluorobiphenyl
 Concen: 85.21 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Tgt Ion:172 Resp: 1800713
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 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: 18.42 ng

RT: 9.32 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

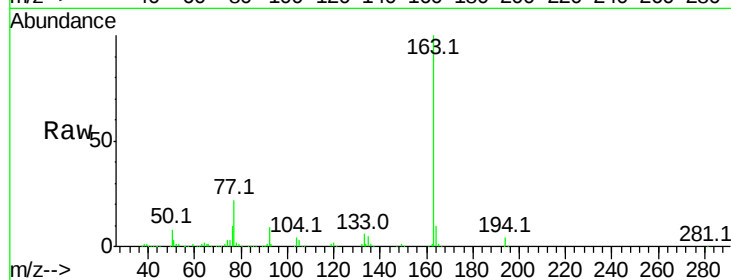
Tot Ion:163 Resp: 450828

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

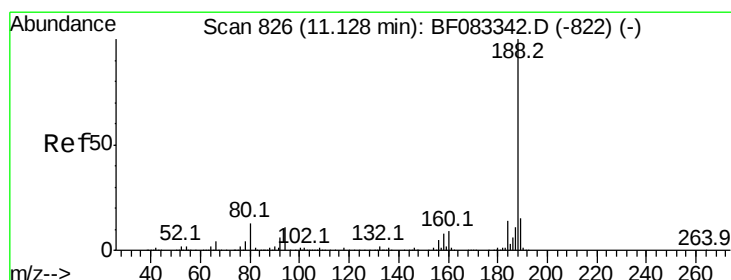
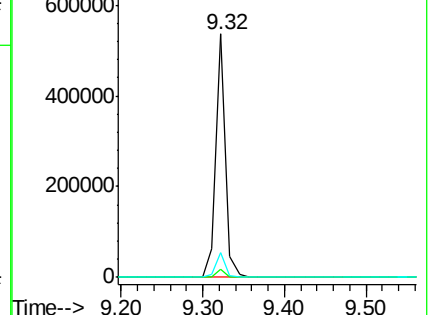
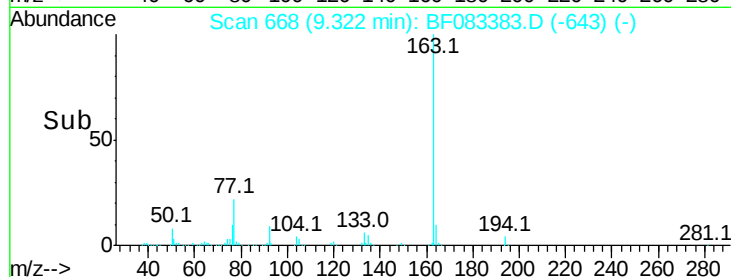
164 10.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

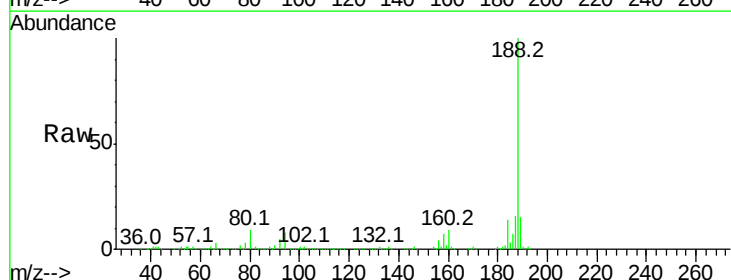
Tgt Ion:188 Resp: 542343

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

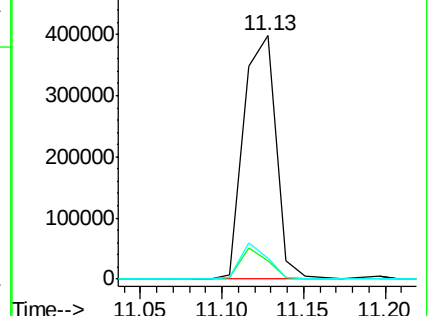
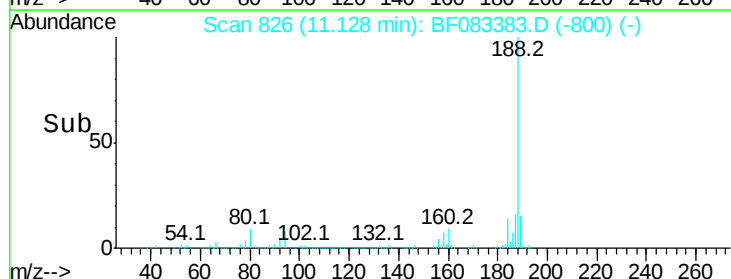
80 8.8 10.3 15.5#

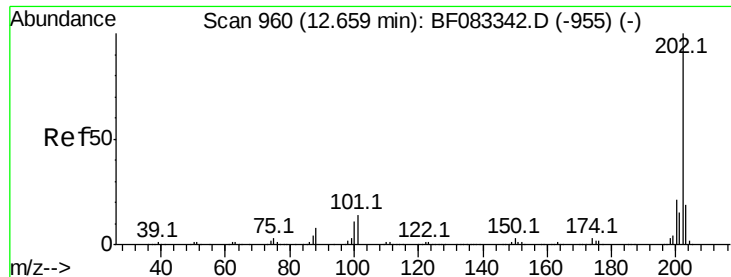


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

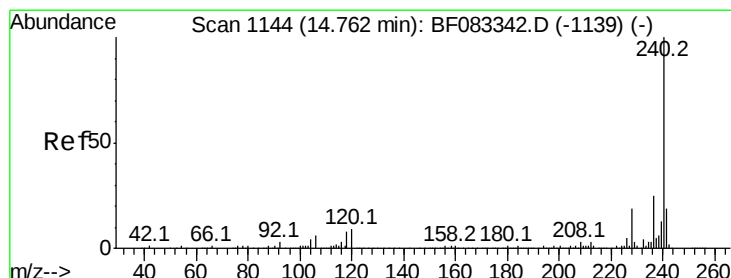
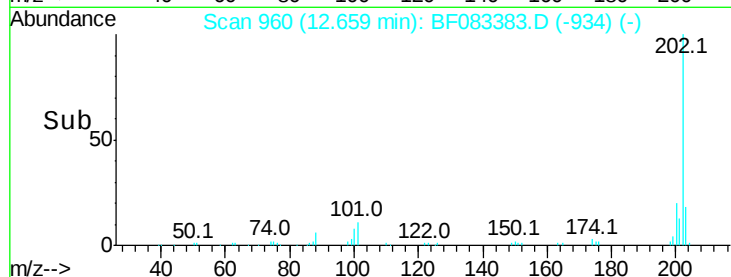
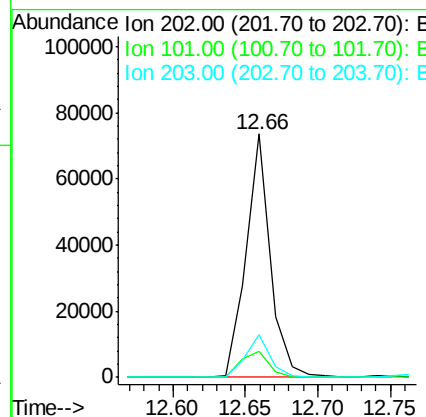
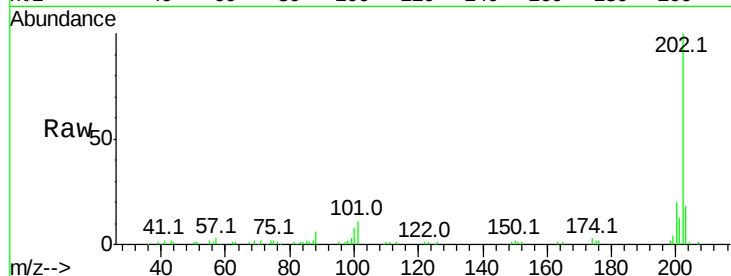




#74
Fluoranthene
 Concen: 2.58 ng
 RT: 12.66 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

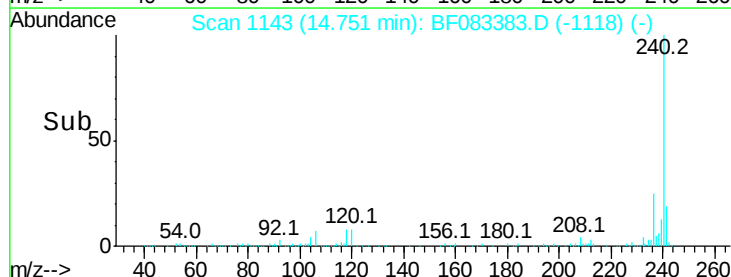
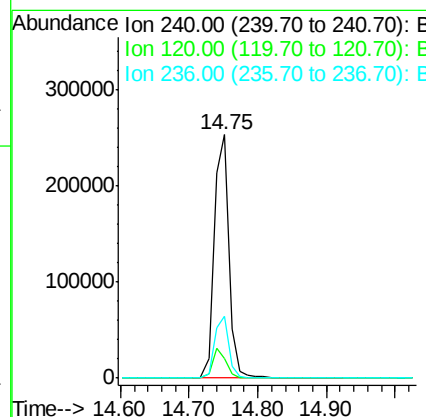
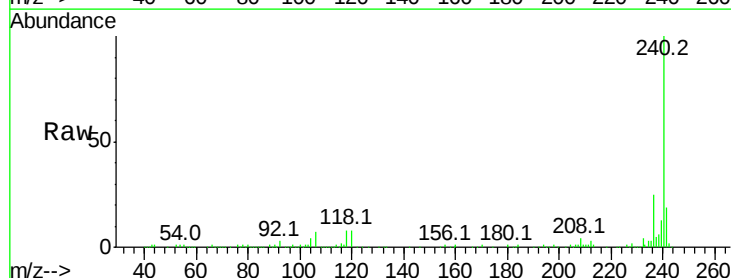
Instrument :
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 S12-15

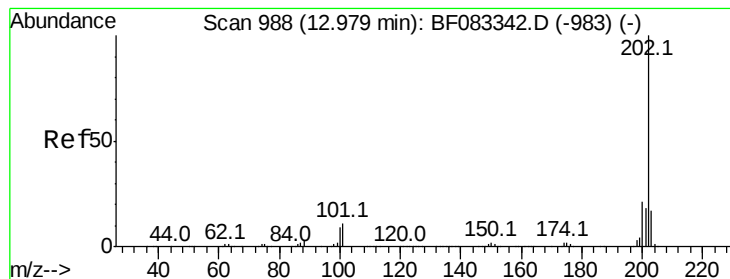
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.5
203	17.5	0.0	38.7



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083383.D
 Acq: 1 Dec 2015 20:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	25.3	19.8	29.6





#77

Pvrene

Concen: 3.06 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S12-15

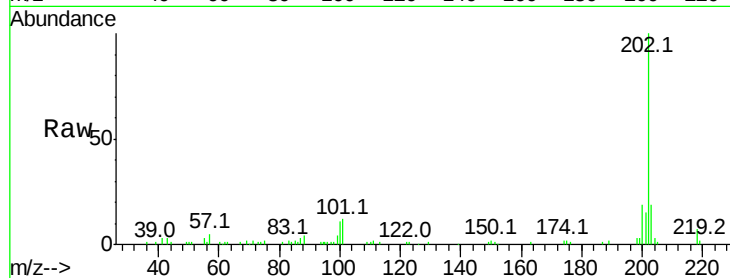
Tot Ion:202 Resp: 81696

Ion Ratio Lower Upper

202 100

200 19.5 16.9 25.3

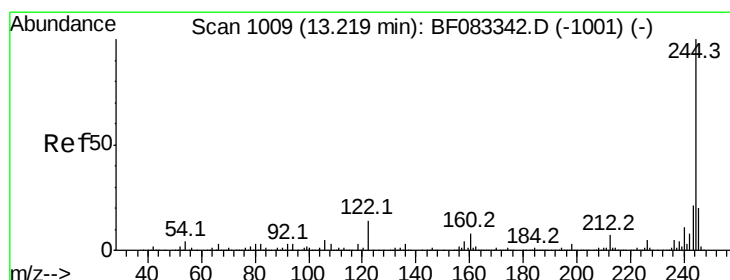
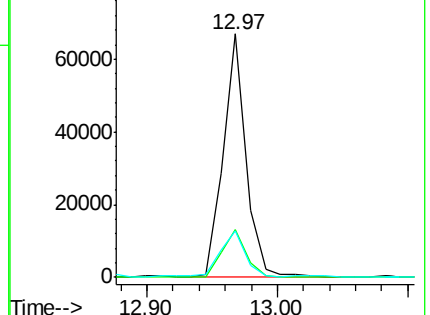
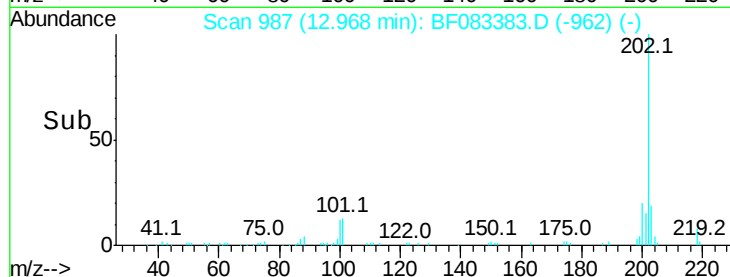
203 19.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.66 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083383.D

Acq: 1 Dec 2015 20:27

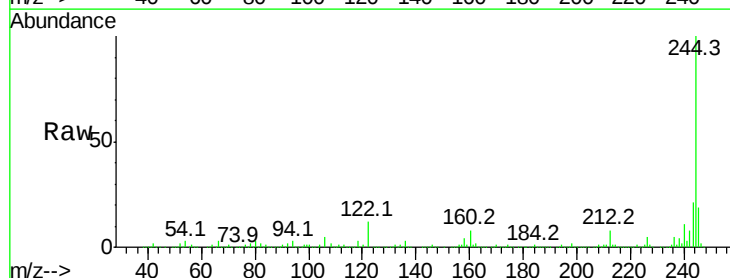
Tgt Ion:244 Resp: 1518203

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

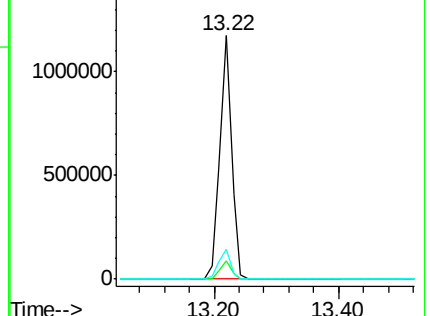
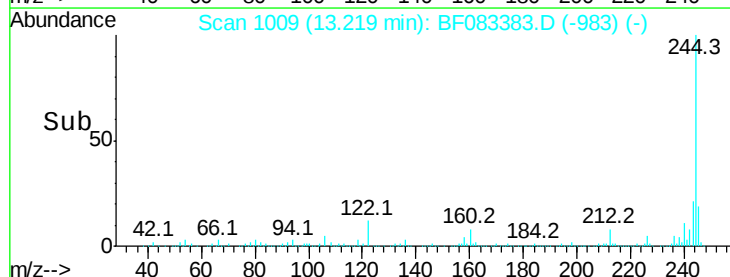
122 12.2 11.0 16.4

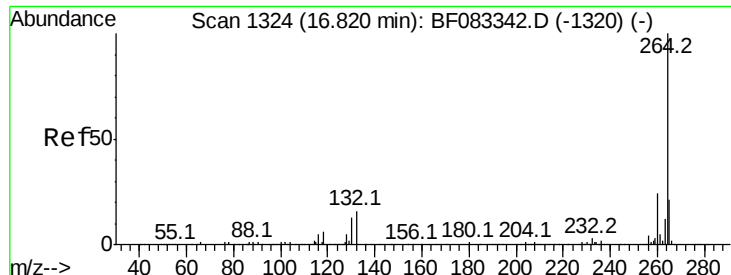


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083383.D
Acq: 1 Dec 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S12-15

Tot Ion:264 Resp: 316569

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.8	16.8	25.2

