

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083487.D
 Acq On : 4 Dec 2015 4:59
 Operator : UM/IZ
 Sample : G4588-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Dec 04 06:34:08 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

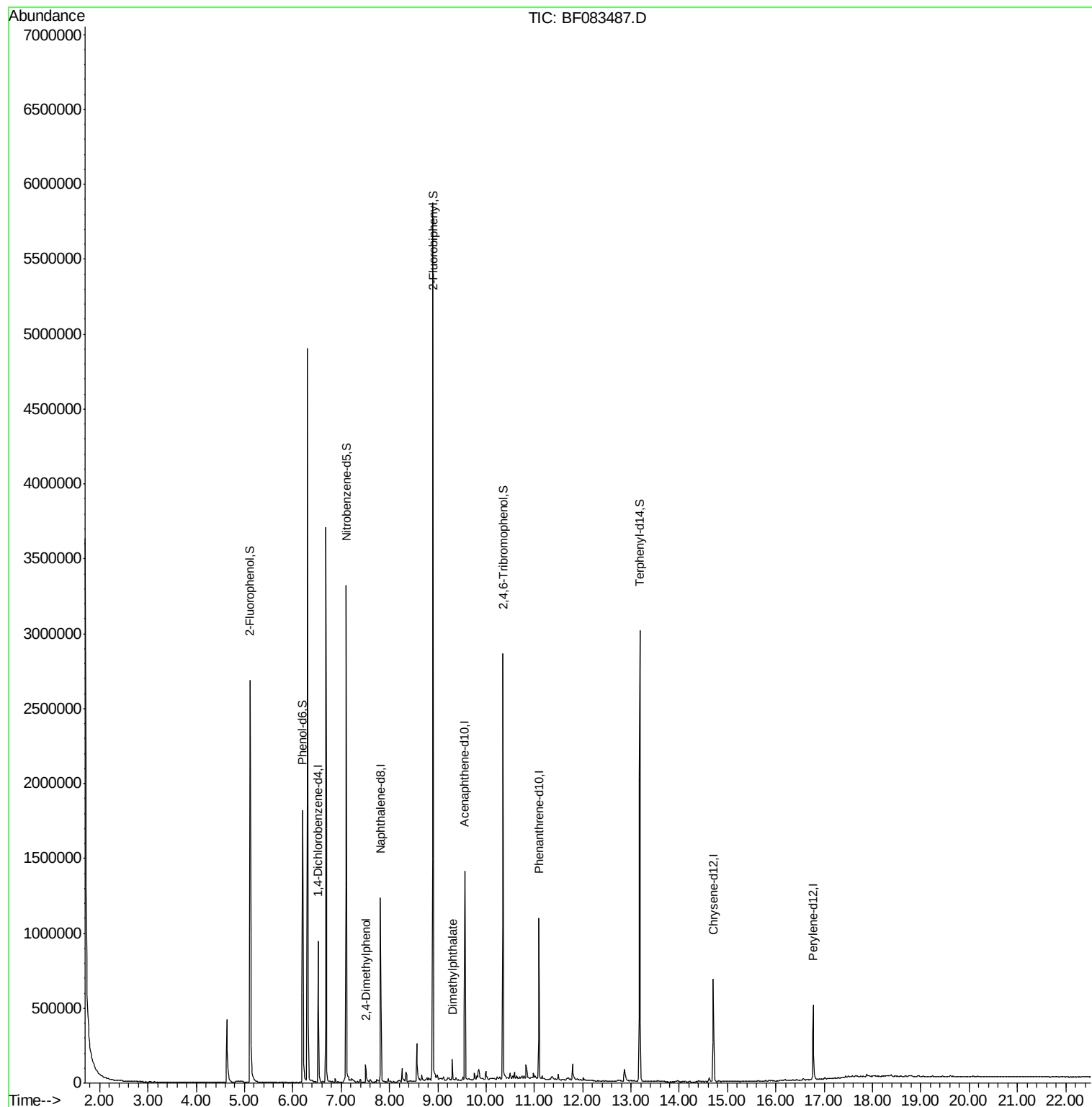
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	164628	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	593619	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	283851	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	432326	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	336009	20.00	ng	-0.06
86) Perylene-d12	16.77	264	265528	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	825186	75.21	ng	-0.01
7) Phenol-d6	6.20	99	740236	49.29	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1257709	93.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	312550	109.69	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1794355	90.08	ng	-0.02
78) Terphenyl-d14	13.19	244	1334799	94.74	ng	-0.03
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.50	122	31931	3.24	ng	97
49) Dimethylphthalate	9.30	163	56779	2.46	ng	97

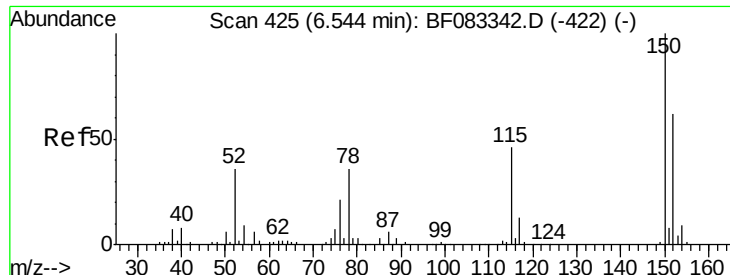
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083487.D
Acq On : 4 Dec 2015 4:59
Operator : UM/IZ
Sample : G4588-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-15

Quant Time: Dec 04 06:34:08 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: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

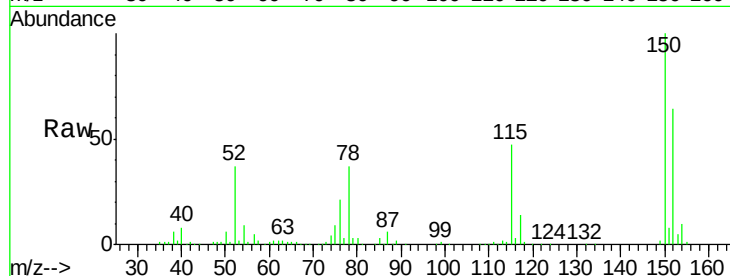
Tot Ion:152 Resp: 164628

Ion Ratio Lower Upper

152 100

150 157.2 129.8 194.8

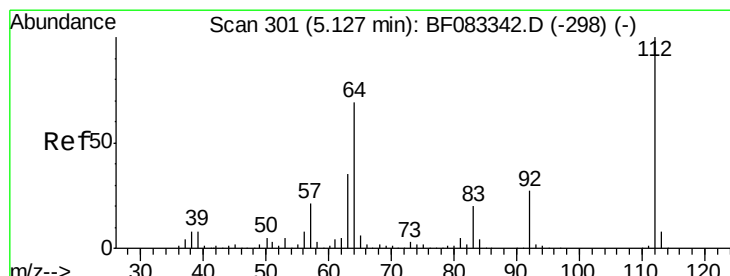
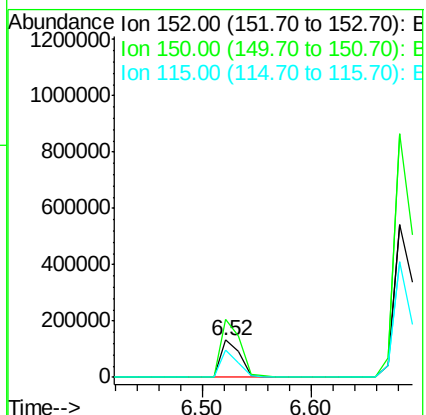
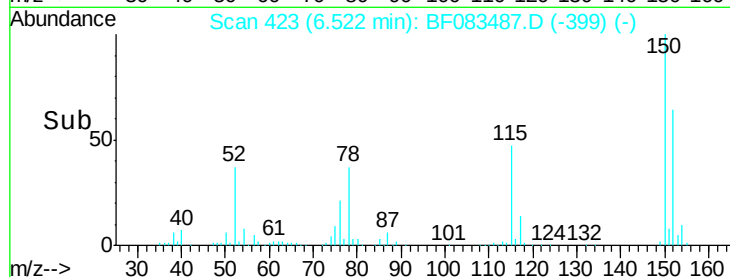
115 73.5 59.2 88.8



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: 75.21 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

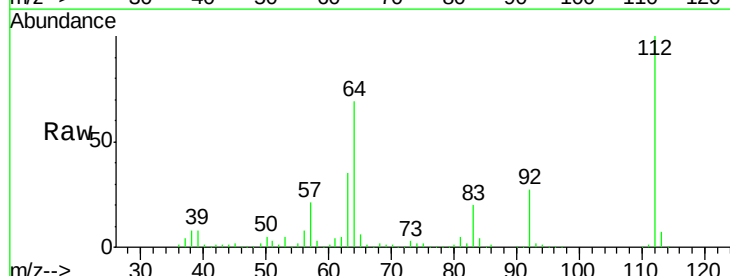
Tgt Ion:112 Resp: 825186

Ion Ratio Lower Upper

112 100

64 68.6 55.6 83.4

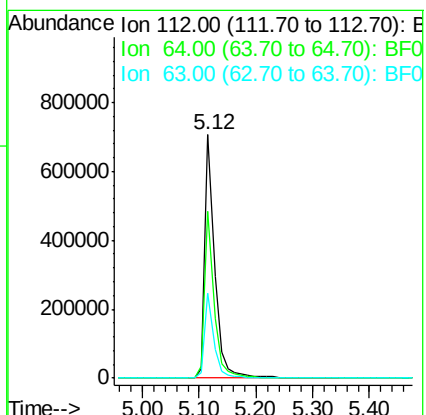
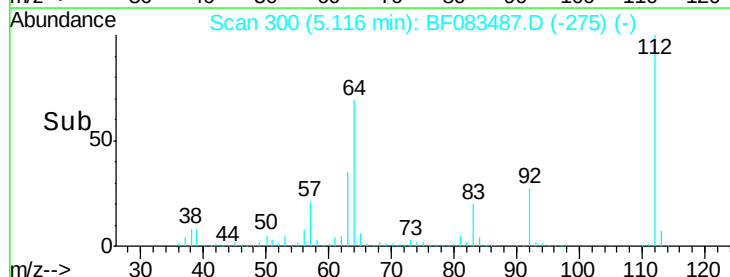
63 35.0 28.2 42.2

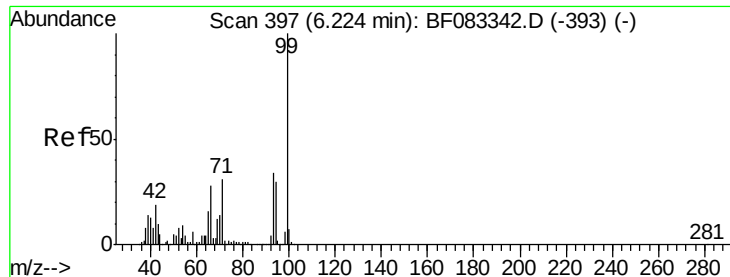


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.29 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

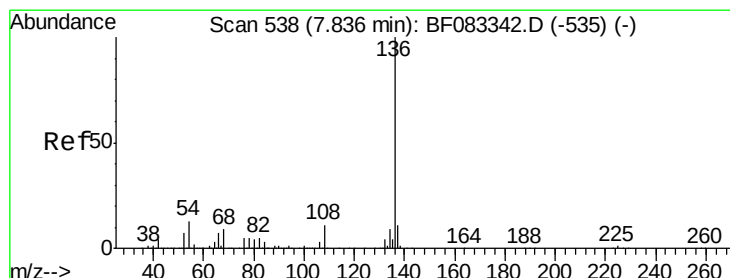
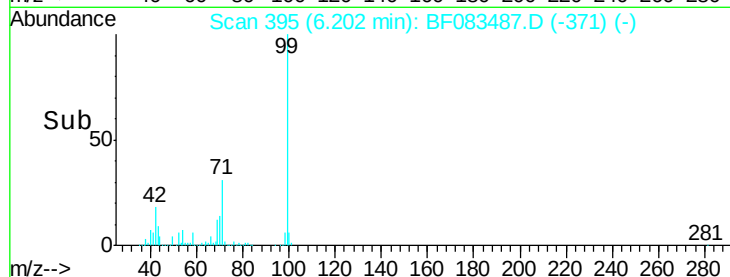
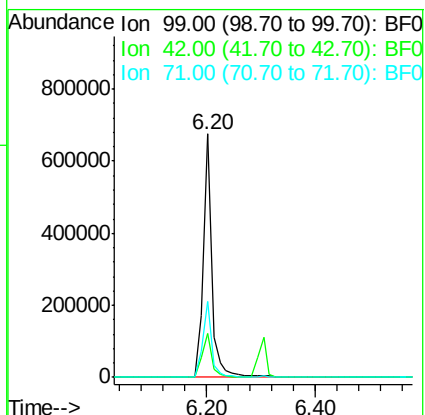
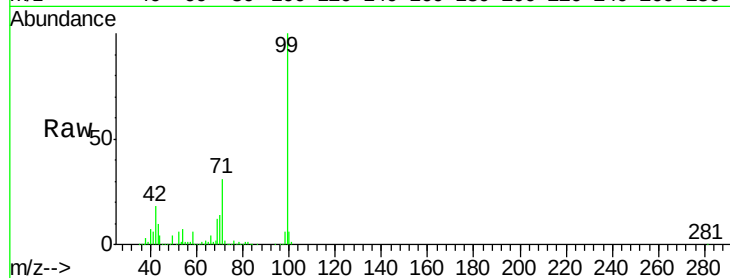
Tot Ion: 99 Resp: 740236

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

71 31.2 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Tgt Ion: 136 Resp: 593619

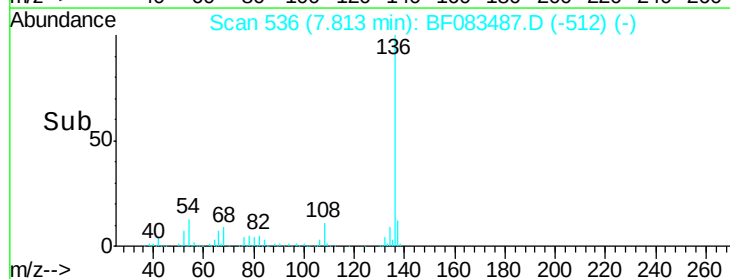
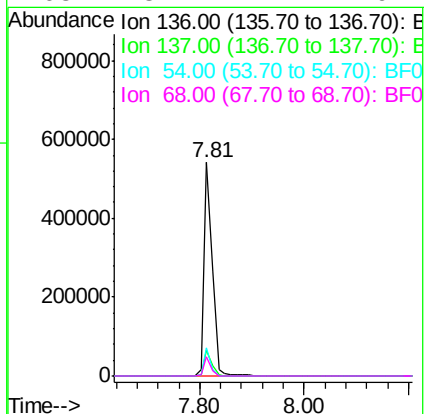
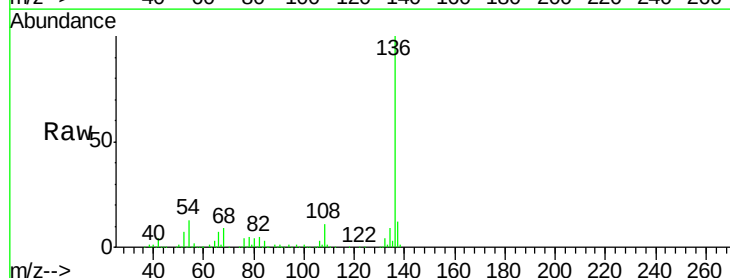
Ion Ratio Lower Upper

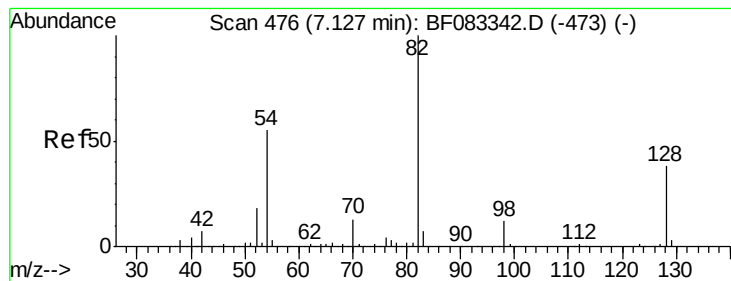
136 100

137 11.7 9.0 13.4

54 12.9 10.1 15.1

68 8.7 7.1 10.7





#23

Nitrobenzene-d5

Concen: 93.14 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

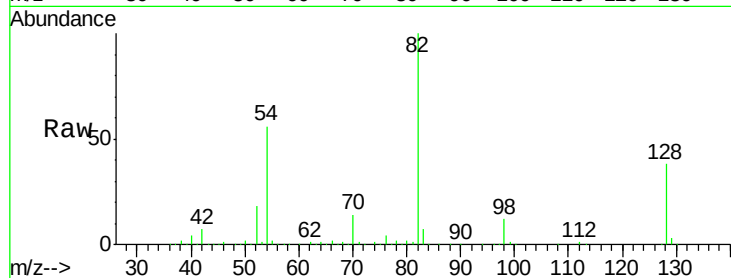
Tot Ion: 82 Resp: 1257709

Ion Ratio Lower Upper

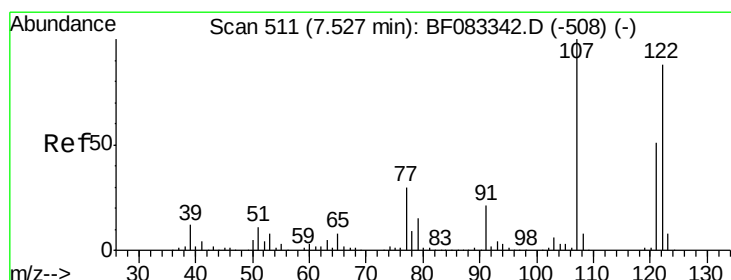
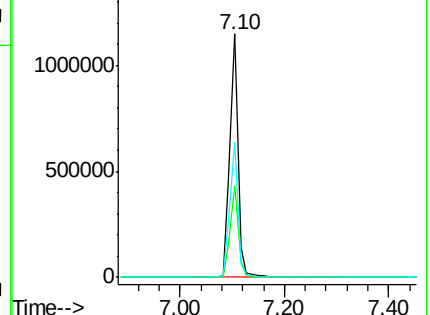
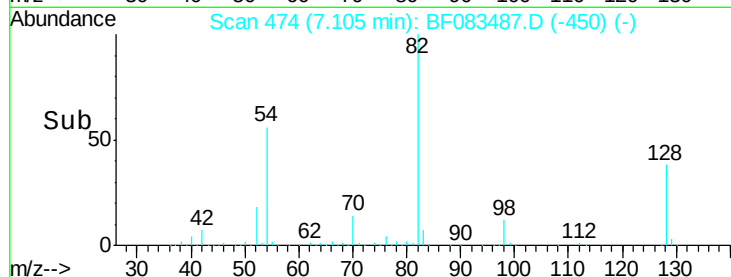
82 100

128 37.6 30.6 46.0

54 55.5 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



#27

2,4-Dimethylphenol

Concen: 3.24 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

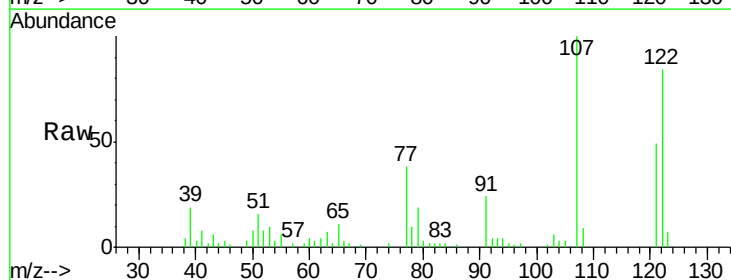
Tgt Ion:122 Resp: 31931

Ion Ratio Lower Upper

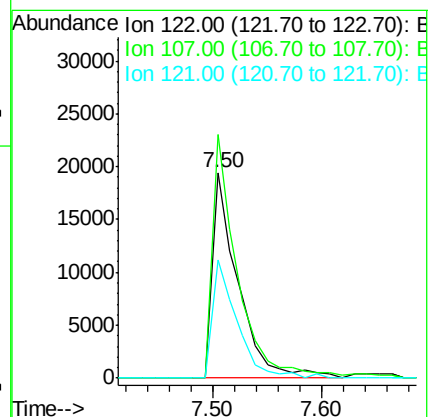
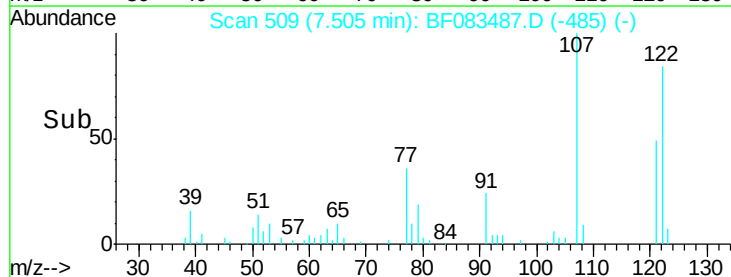
122 100

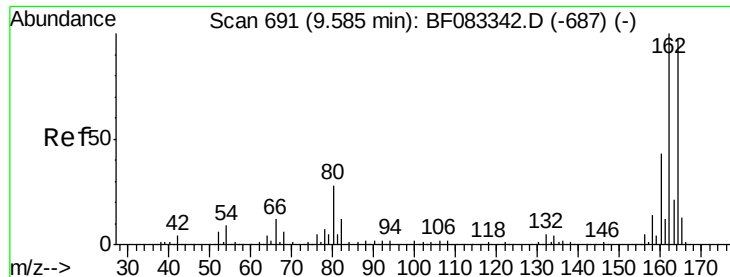
107 118.6 91.2 136.8

121 57.6 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: BF083487.D

Acq: 4 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

MW-15

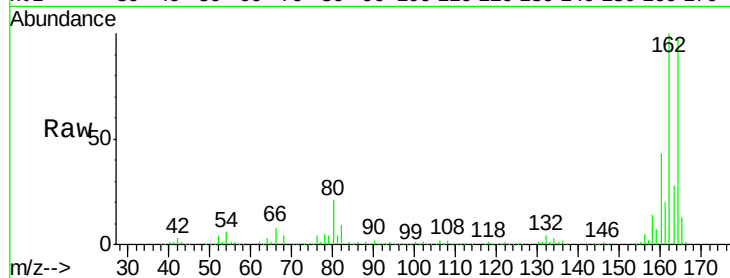
Tot Ion:164 Resp: 283851

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

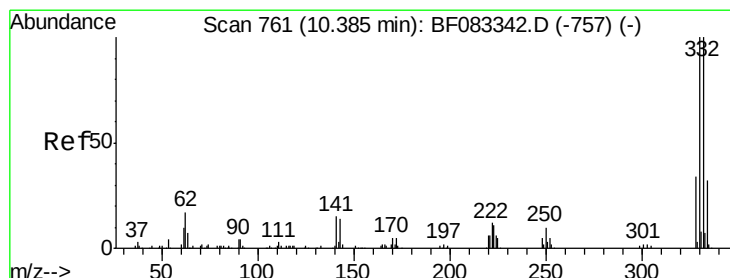
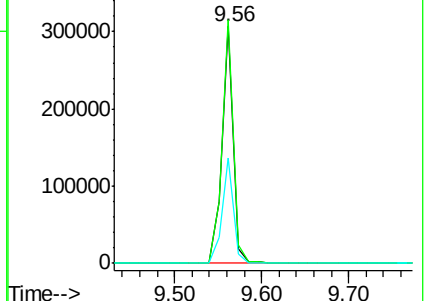
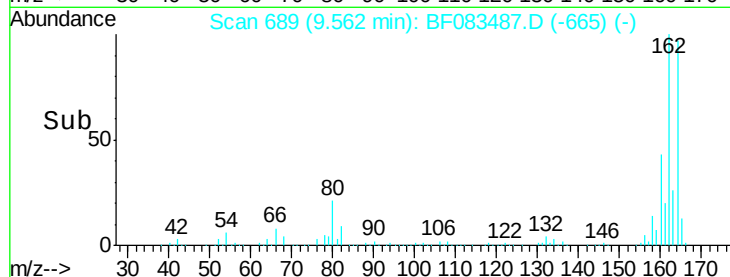
160 44.6 35.3 52.9



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: 109.69 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF083487.D

Acq: 4 Dec 2015 4:59

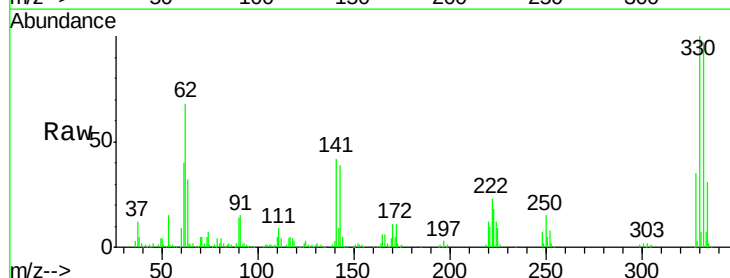
Tgt Ion:330 Resp: 312550

Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.6

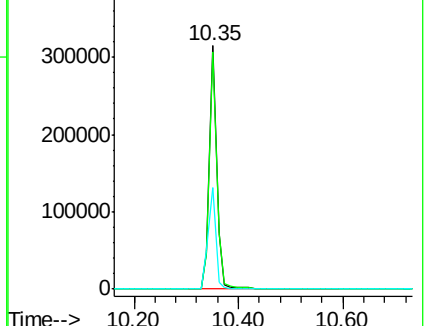
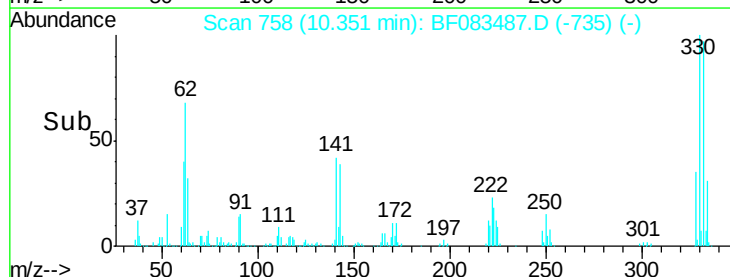
141 43.3 29.4 44.0

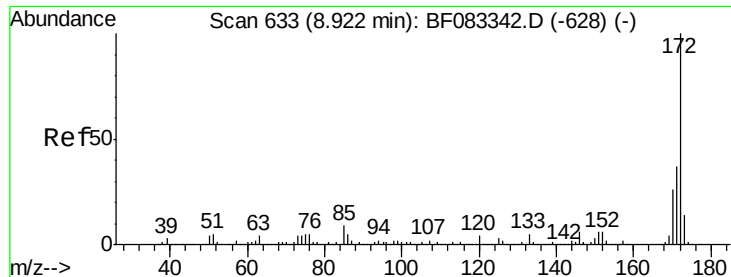


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

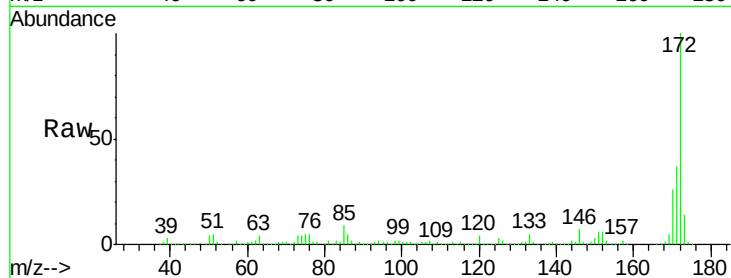




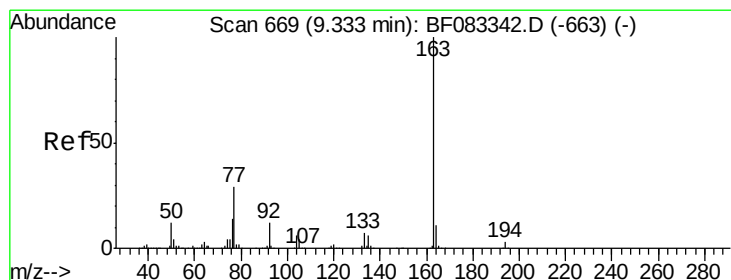
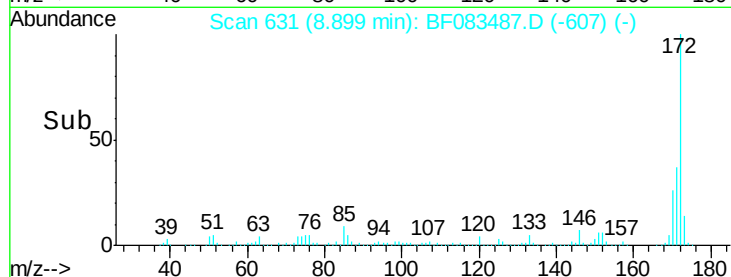
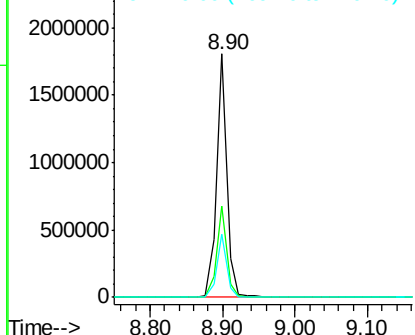
#44
2-Fluorobiphenyl
Concen: 90.08 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083487.D
Acq: 4 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
MW-15

Tot Ion:172 Resp: 1794355
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 25.7 20.4 30.6

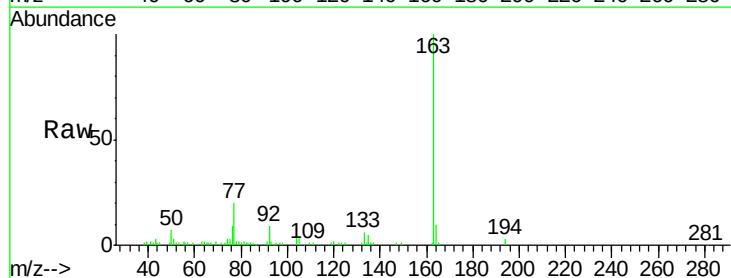


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

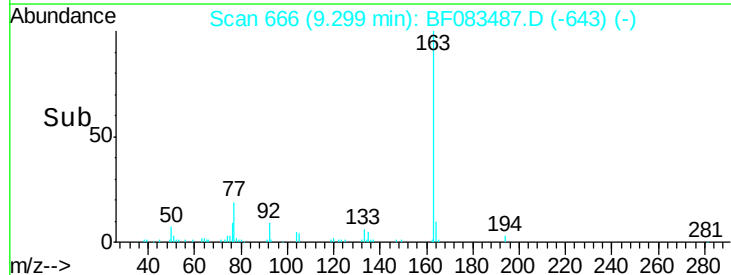
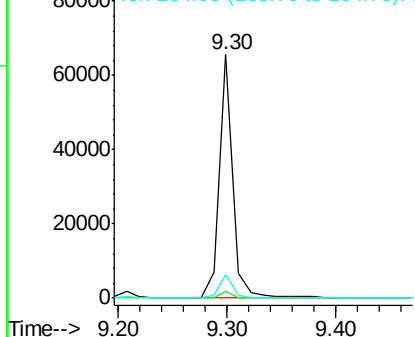


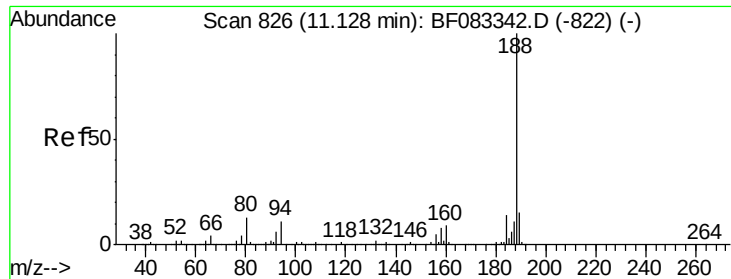
#49
Dimethylphthalate
Concen: 2.46 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083487.D
Acq: 4 Dec 2015 4:59

Tgt Ion:163 Resp: 56779
Ion Ratio Lower Upper
163 100
194 2.8 2.7 4.1
164 9.7 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

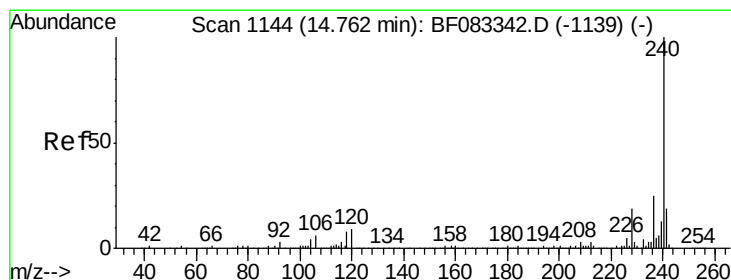
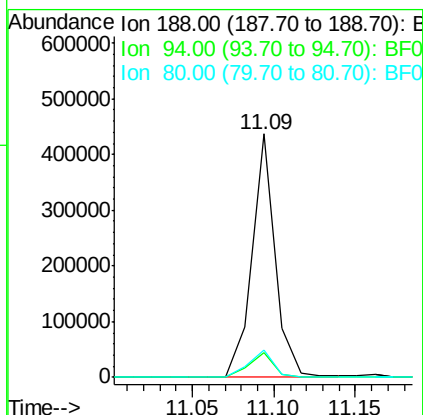
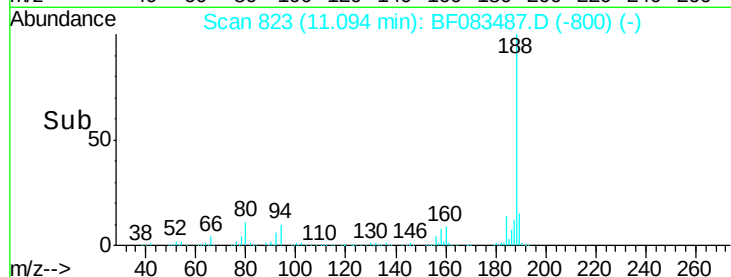
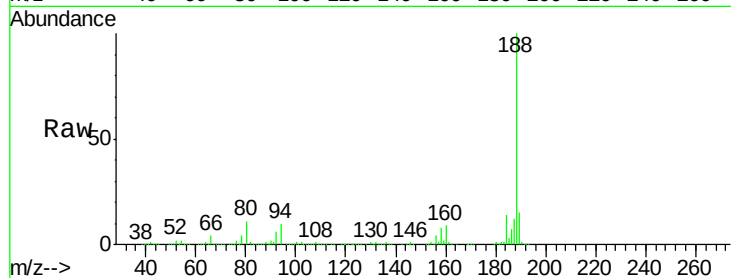




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083487.D
Acq: 4 Dec 2015 4:59

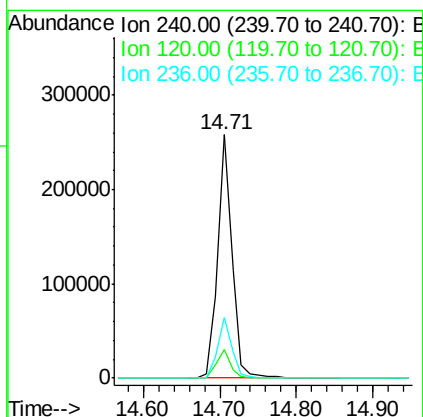
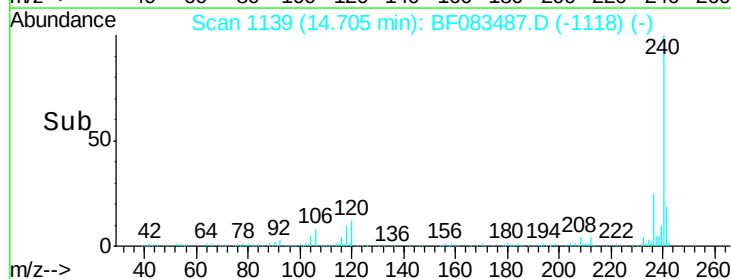
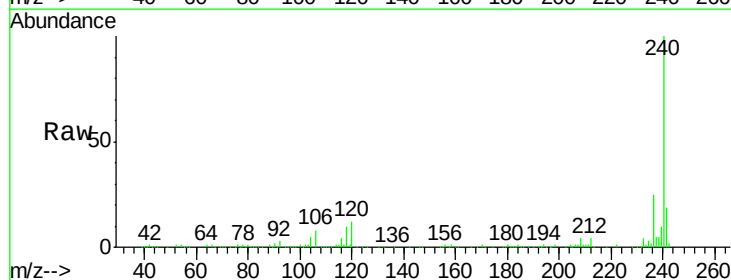
Instrument :
BNA_F
ClientSampled :
MW-15

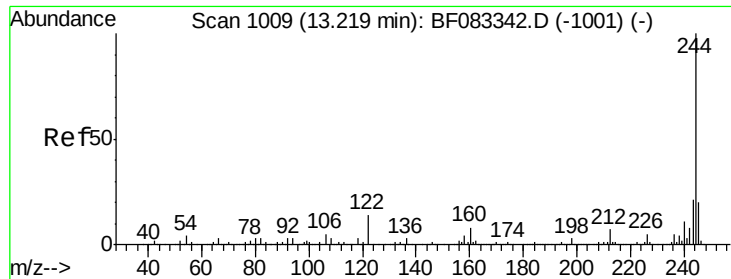
Tot Ion:188 Resp: 432326
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 11.3 10.3 15.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083487.D
Acq: 4 Dec 2015 4:59

Tgt Ion:240 Resp: 336009
Ion Ratio Lower Upper
240 100
120 11.7 6.9 10.3#
236 24.8 19.8 29.6

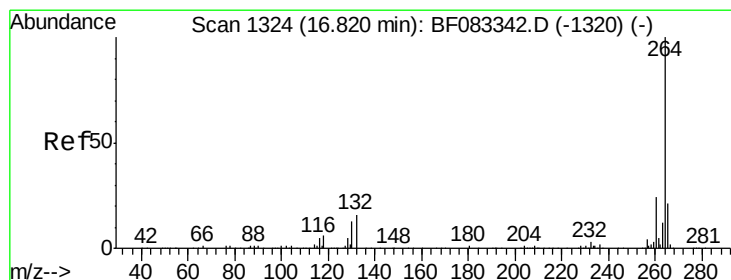
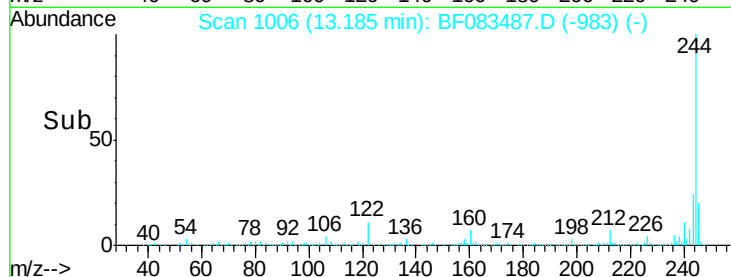
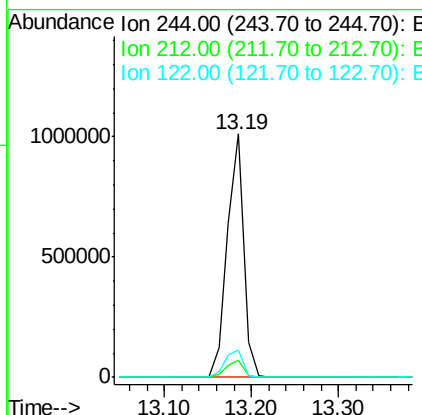
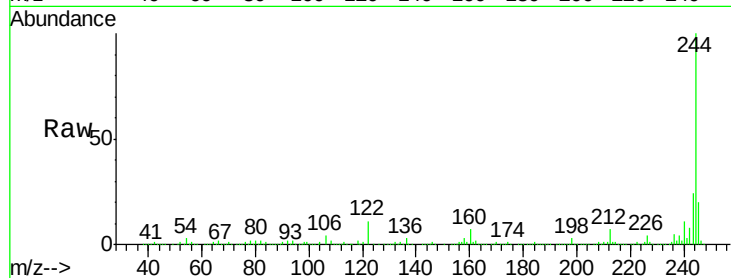




#78
 Terphenyl-d14
 Concen: 94.74 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083487.D
 Acq: 4 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:244 Resp: 1334799
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.2 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: BF083487.D
 Acq: 4 Dec 2015 4:59

Tgt Ion:264 Resp: 265528
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.8 16.8 25.2

