

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083105.D
 Acq On : 21 Nov 2015 5:30
 Operator : UM/IZ
 Sample : G4485-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Nov 23 15:39:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157152	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	541808	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	314693m	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	391781	20.00	ng	0.01
75) Chrysene-d12	13.85	240	368729	20.00	ng	-0.01
86) Perylene-d12	15.23	264	288493	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	479176	47.36	ng	0.01
7) Phenol-d6	6.37	99	427560	32.08	ng	0.02
23) Nitrobenzene-d5	7.26	82	845830	71.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	251357	75.23	ng	0.02
44) 2-Fluorobiphenyl	9.08	172	1387911	59.40	ng	0.00
78) Terphenyl-d14	12.82	244	877432	56.18	ng	0.01

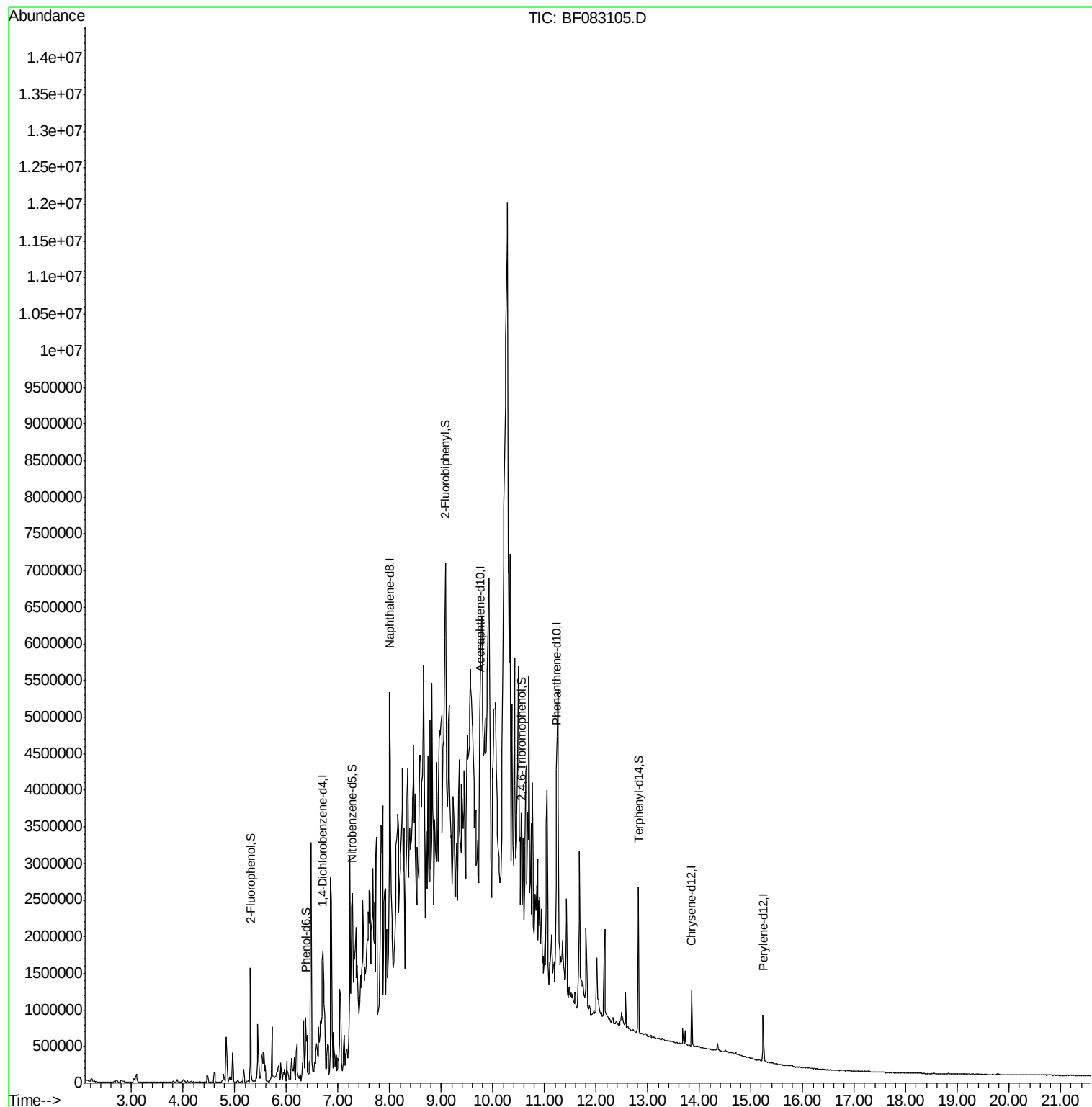
Target Compounds Qvalue

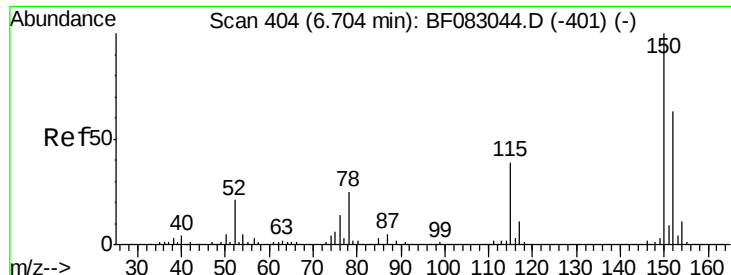
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-19

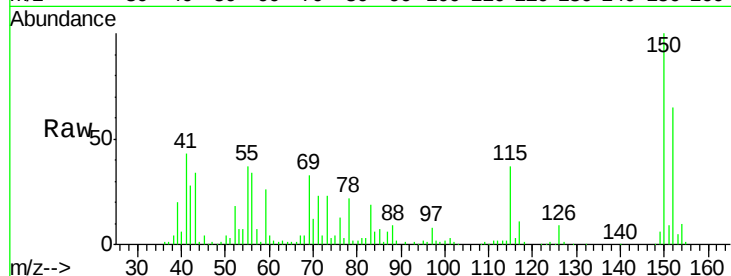
Tot Ion:152 Resp: 157152

Ion Ratio Lower Upper

152 100

150 154.6 126.4 189.6

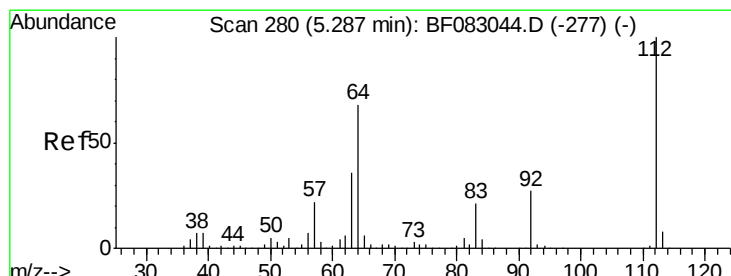
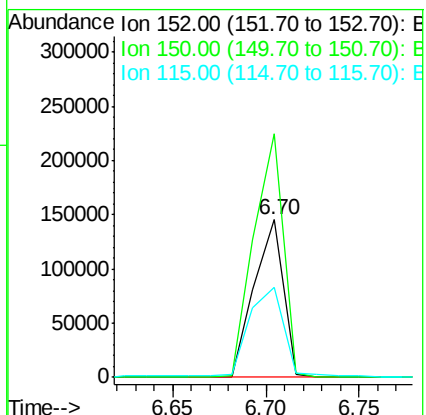
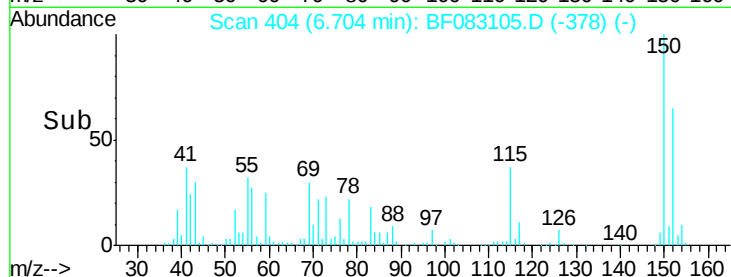
115 57.2 49.0 73.6



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: 47.36 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

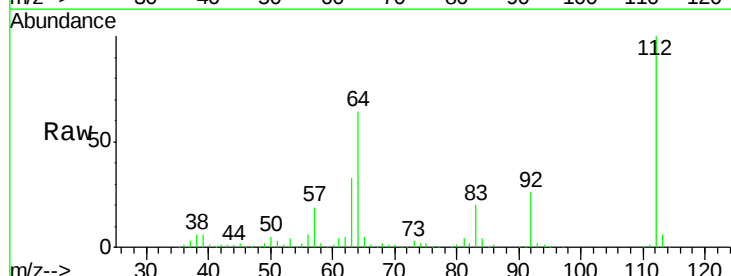
Tgt Ion:112 Resp: 479176

Ion Ratio Lower Upper

112 100

64 63.7 54.8 82.2

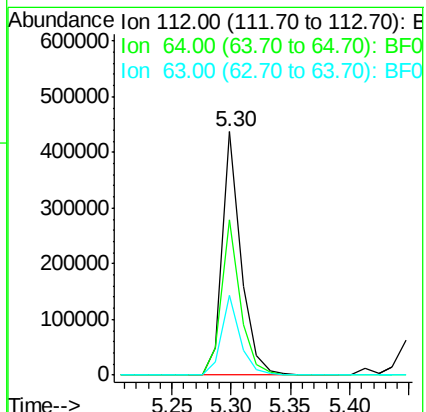
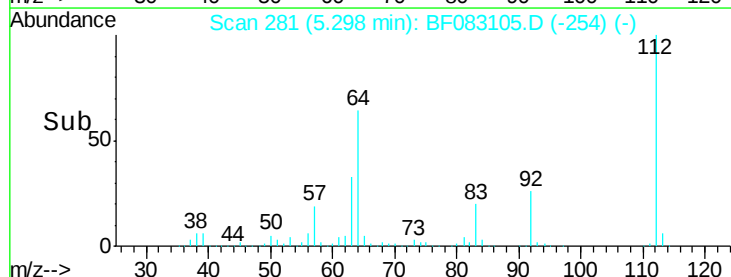
63 33.0 29.0 43.4

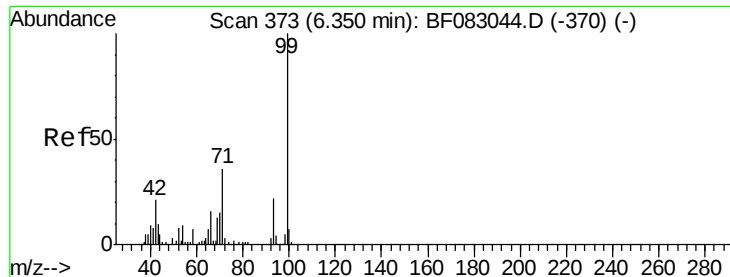


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.08 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.02 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-19

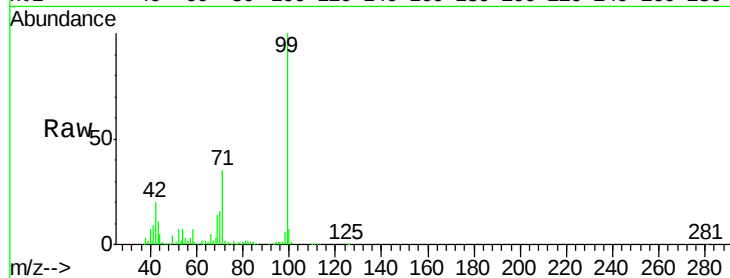
Tot Ion: 99 Resp: 427560

Ion Ratio Lower Upper

99 100

42 19.8 16.6 25.0

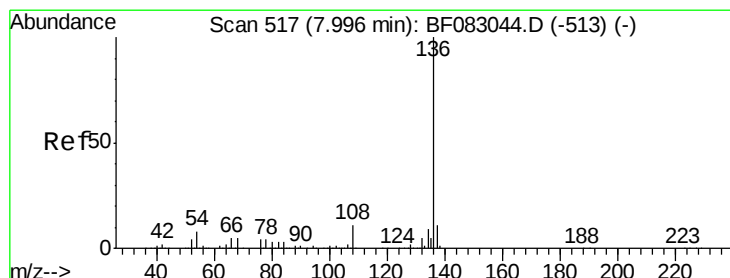
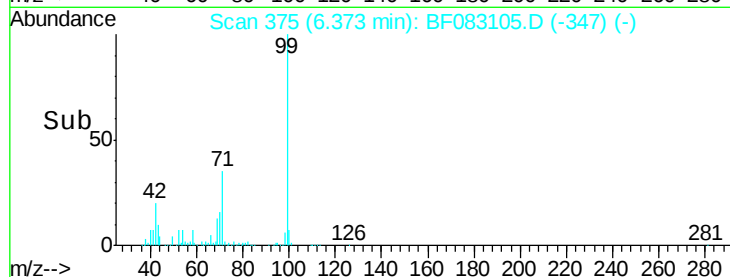
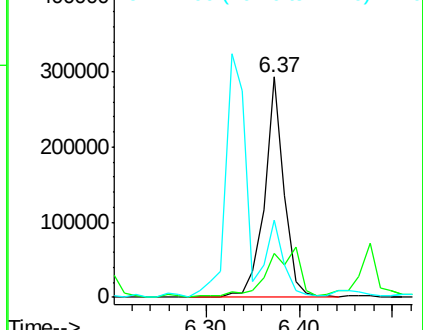
71 35.2 29.2 43.8



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: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

Tgt Ion: 136 Resp: 541808

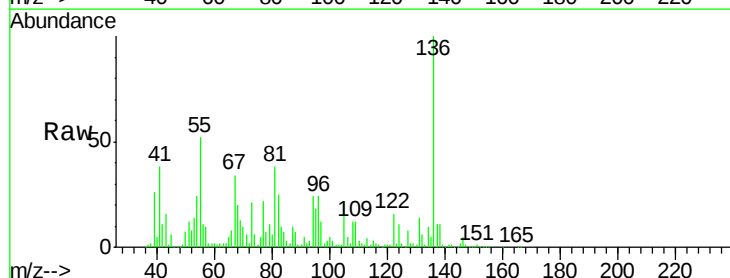
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 23.8 6.2 9.2#

68 20.0 4.2 6.2#

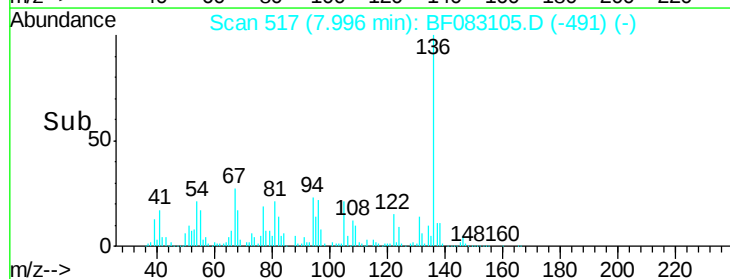
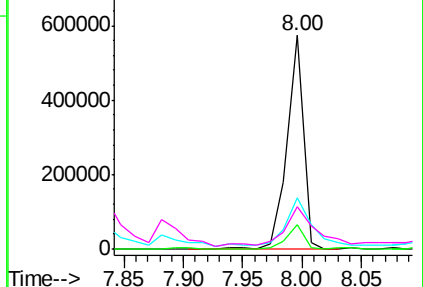


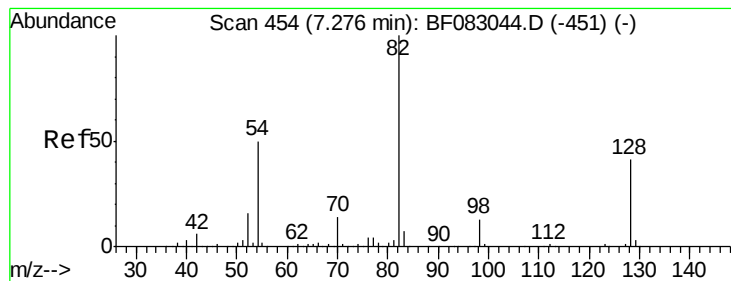
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.47 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-19

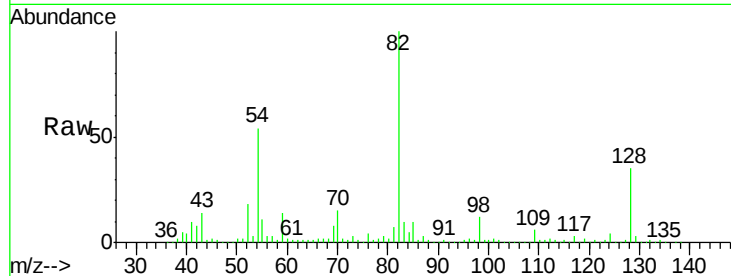
Tot Ion: 82 Resp: 845830

Ion Ratio Lower Upper

82 100

128 35.4 33.1 49.7

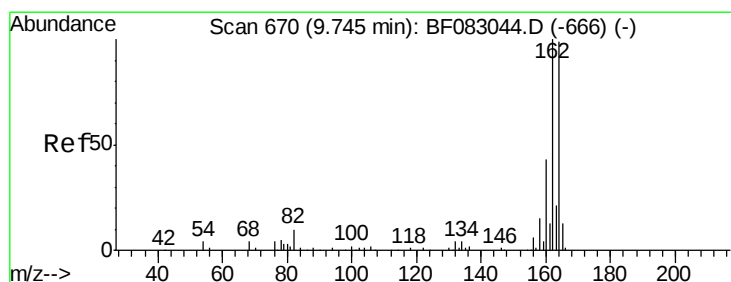
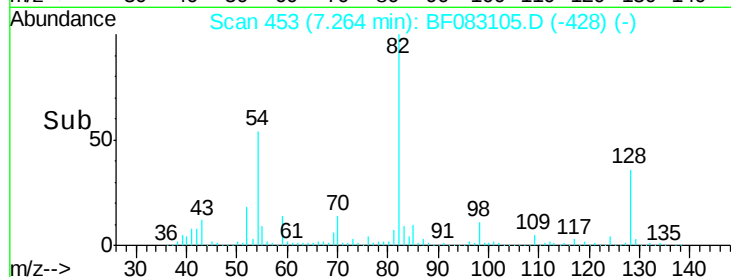
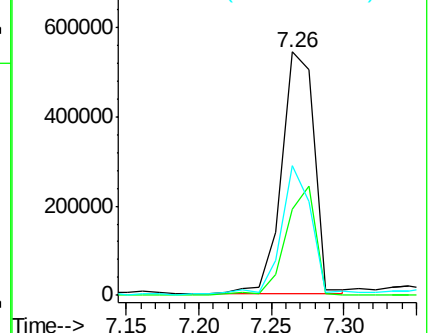
54 53.5 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng m

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

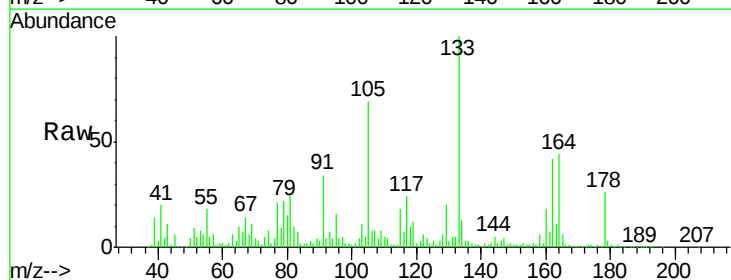
Tgt Ion:164 Resp: 314693

Ion Ratio Lower Upper

164 100

162 94.7 80.5 120.7

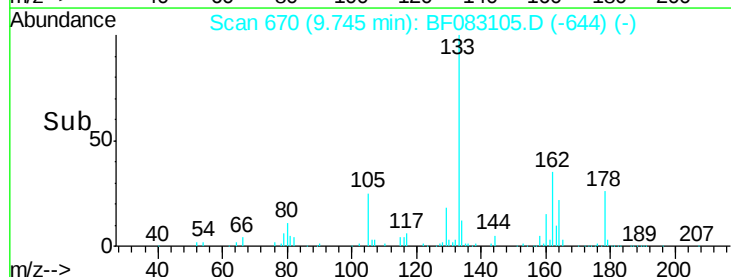
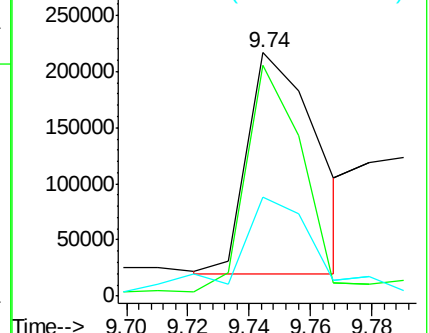
160 40.5 35.0 52.4

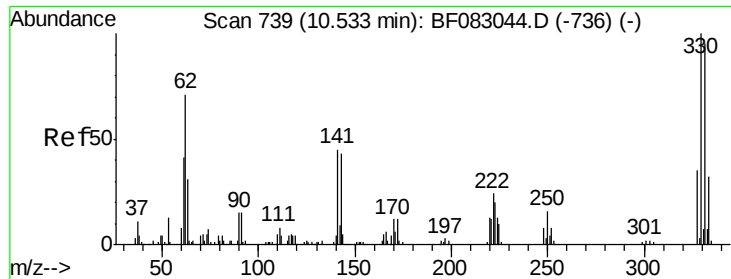


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

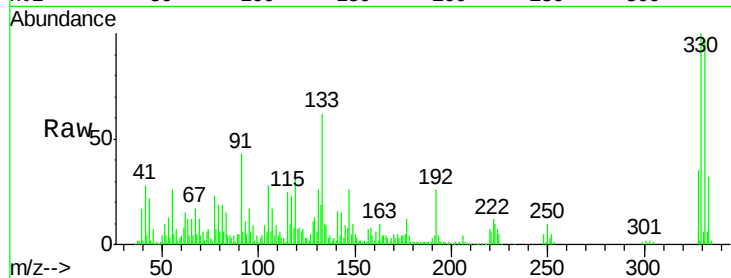




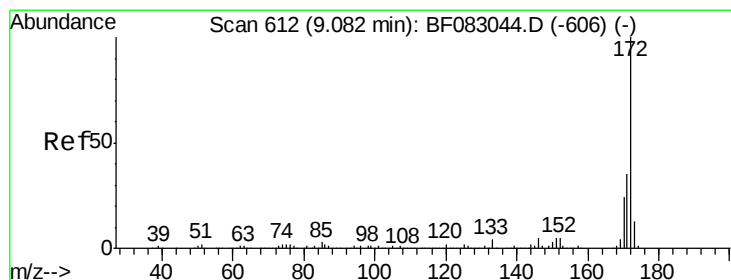
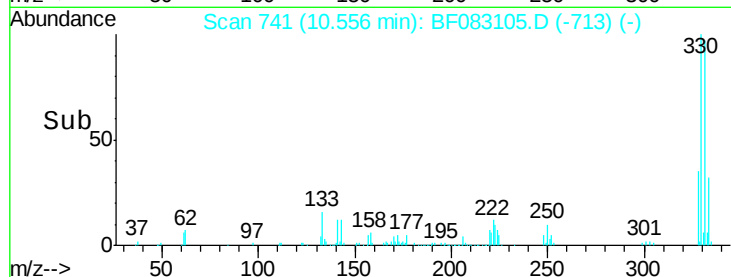
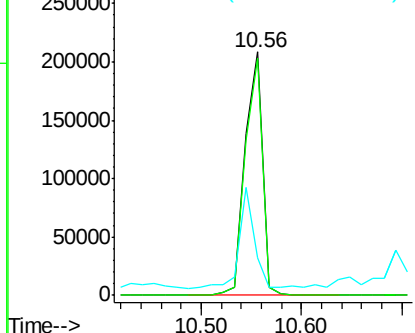
#41
 2,4,6-Tribromophenol
 Concen: 75.23 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.02 min
 Lab File: BF083105.D
 Acq: 21 Nov 2015 5:30

Instrument :
 BNA_F
 ClientSampled :
 MW-19

Tot Ion:330 Resp: 251357
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 36.7 34.6 52.0

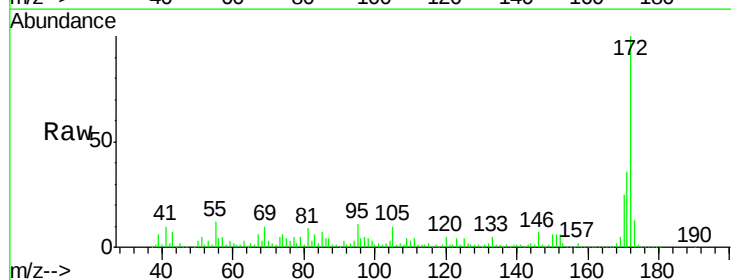


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

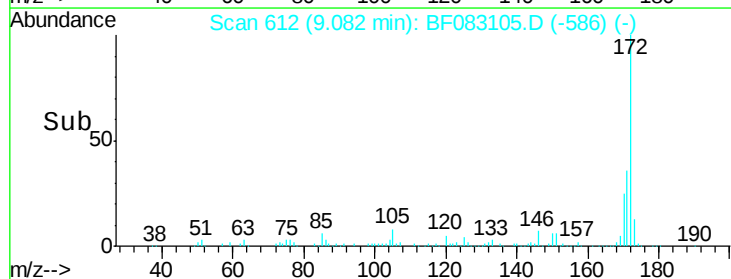
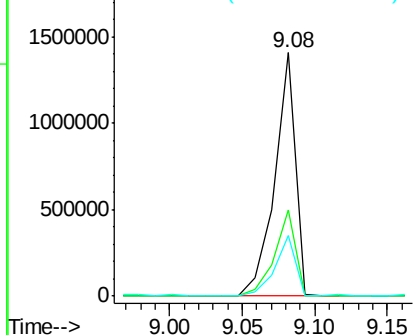


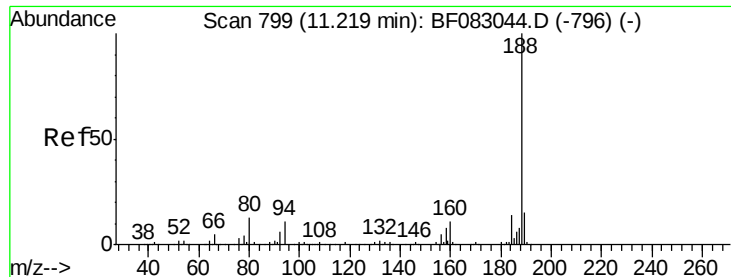
#44
 2-Fluorobiphenyl
 Concen: 59.40 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083105.D
 Acq: 21 Nov 2015 5:30

Tgt Ion:172 Resp: 1387911
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 24.9 19.4 29.0



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

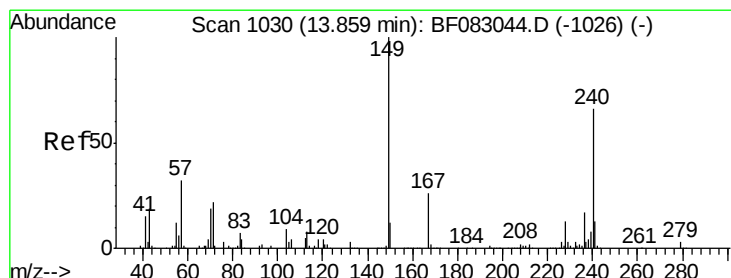
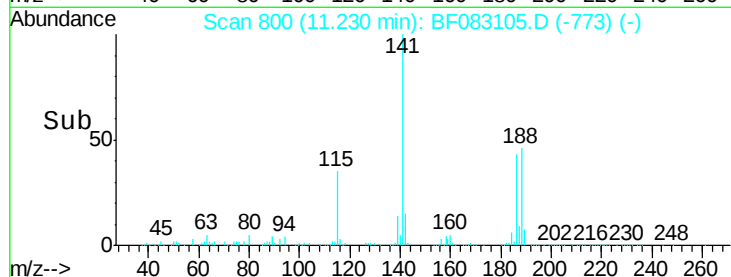
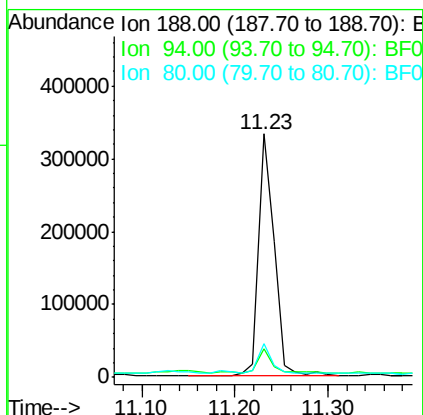
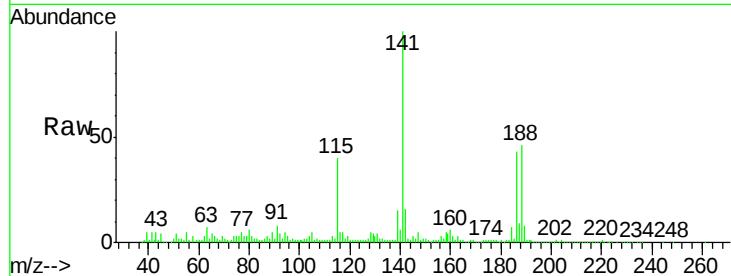




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083105.D
Acq: 21 Nov 2015 5:30

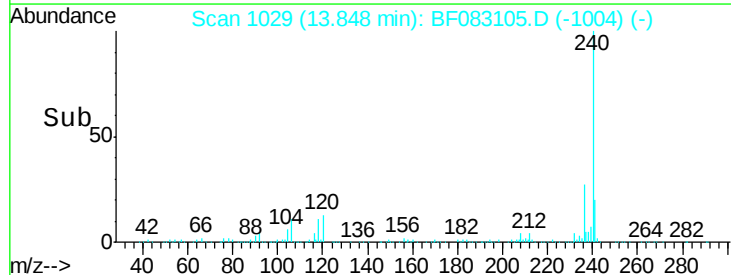
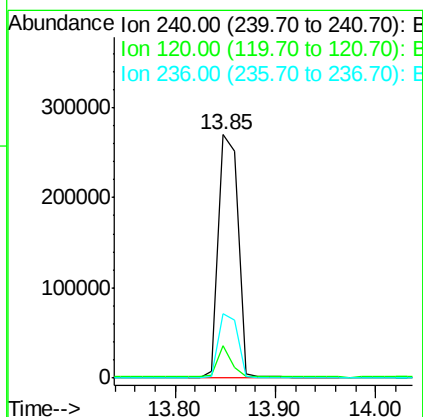
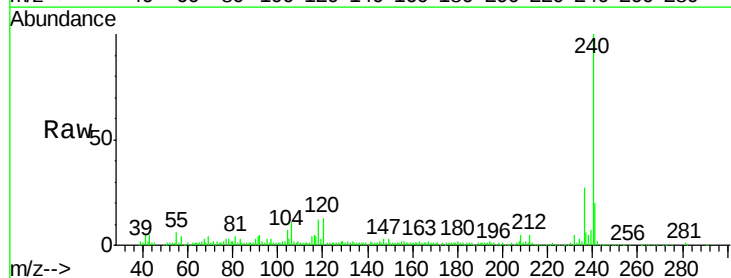
Instrument :
BNA_F
ClientSampleId :
MW-19

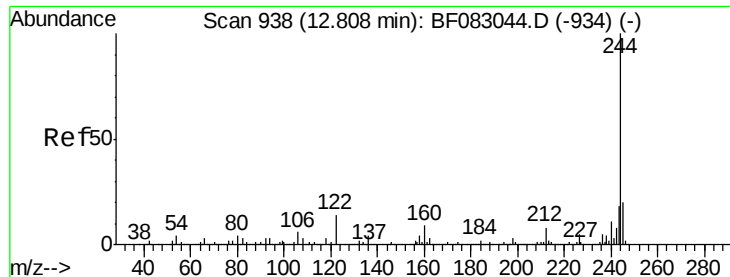
Tot Ion:188 Resp: 391781
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.4
80 13.9 10.2 15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083105.D
Acq: 21 Nov 2015 5:30

Tgt Ion:240 Resp: 368729
Ion Ratio Lower Upper
240 100
120 13.2 5.3 7.9#
236 26.7 20.4 30.6





#78

Terphenyl-d14

Concen: 56.18 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-19

Tot Ion:244 Resp: 877432

Ion Ratio Lower Upper

244 100

212 7.3

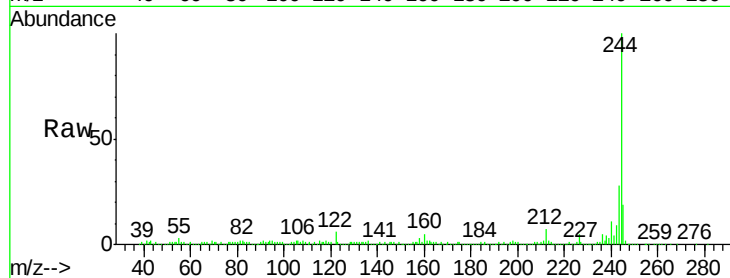
6.4

9.6

122 6.1

10.9

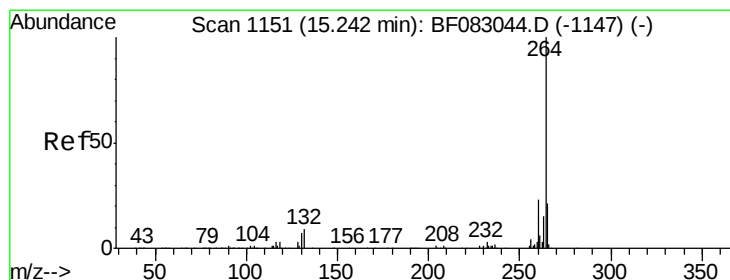
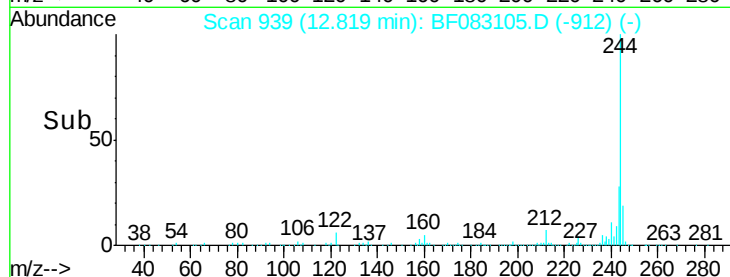
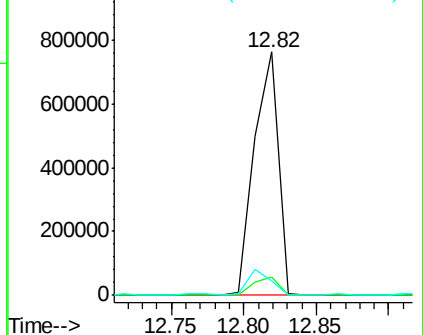
16.3#



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: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF083105.D

Acq: 21 Nov 2015 5:30

Tgt Ion:264 Resp: 288493

Ion Ratio Lower Upper

264 100

260 23.1

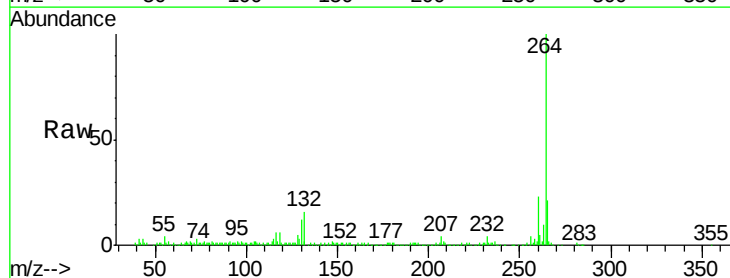
18.6

27.8

265 21.5

17.0

25.6



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

