

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081404.D
 Acq On : 4 Sep 2015 5:50
 Operator : UM/IZ
 Sample : G3480-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Quant Time: Sep 04 06:29:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

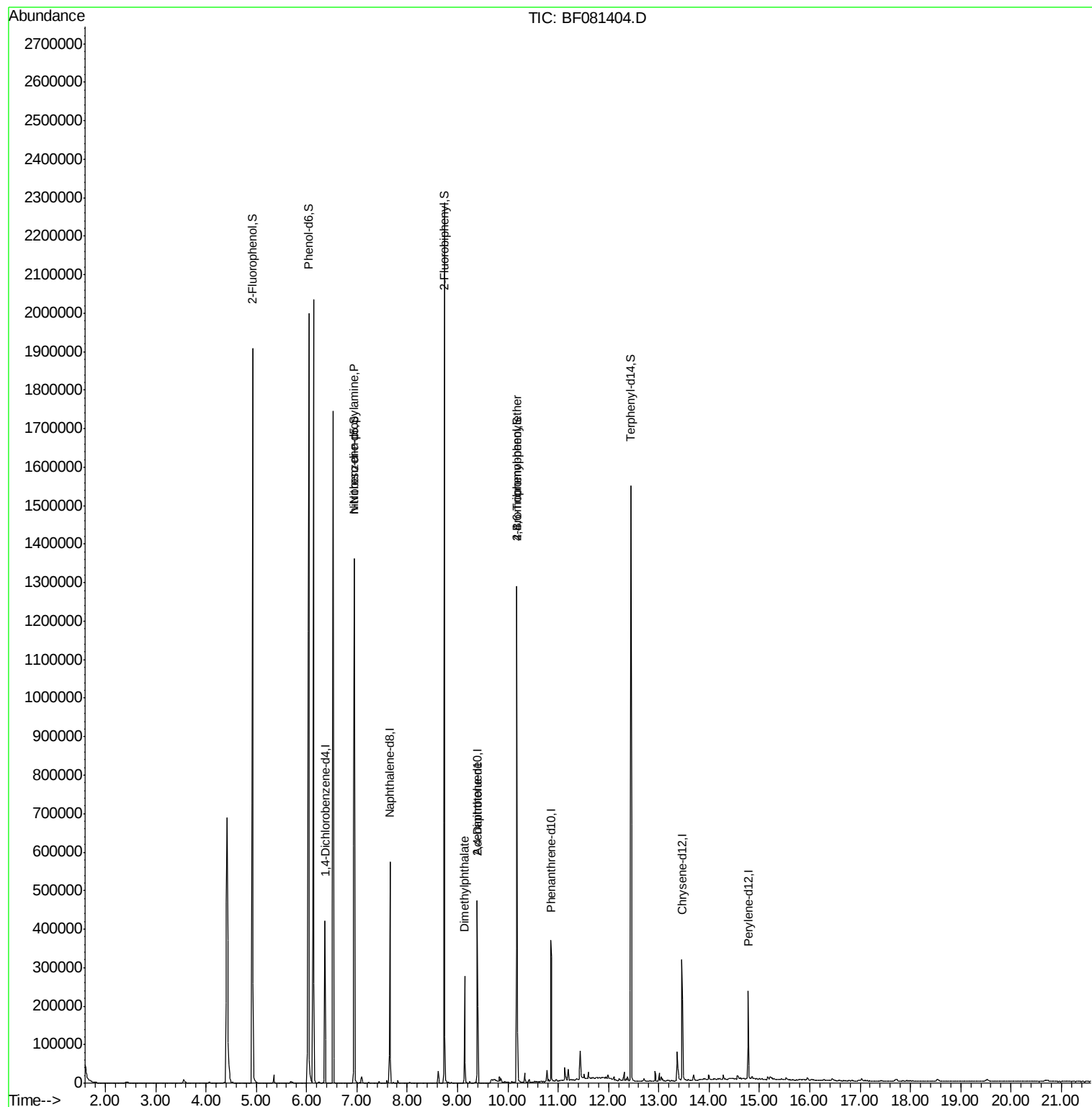
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58580	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	233829	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	100264	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	195658	20.00	ng	0.00
75) Chrysene-d12	13.46	240	142682	20.00	ng	-0.01
86) Perylene-d12	14.78	264	92988	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	515426	136.51	ng	0.01
7) Phenol-d6	6.04	99	778059	155.68	ng	0.00
23) Nitrobenzene-d5	6.95	82	470545	97.09	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	116686	130.70	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	683619	87.37	ng	-0.01
78) Terphenyl-d14	12.45	244	556632	90.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	64549	18.98	ng	# 62
49) Dimethylphthalate	9.14	163	98807	12.68	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12916	5.74	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	9116	4.61	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

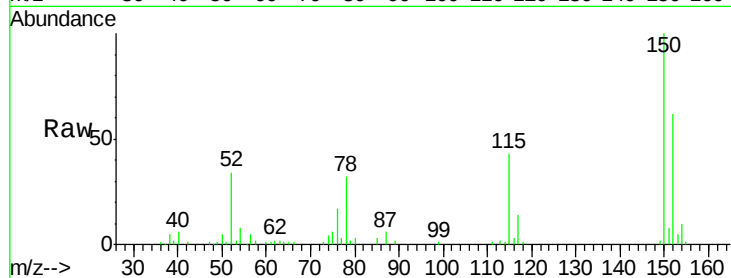
Tot Ion:152 Resp: 58580

Ion Ratio Lower Upper

152 100

150 160.4 124.7 187.1

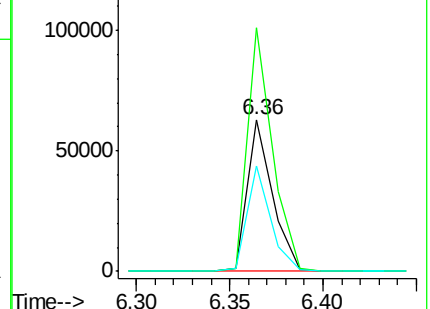
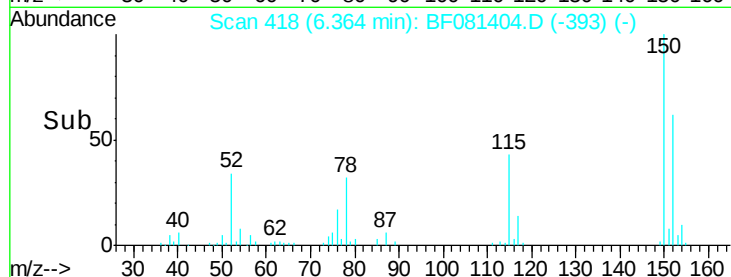
115 69.0 39.0 58.4#



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: 136.51 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

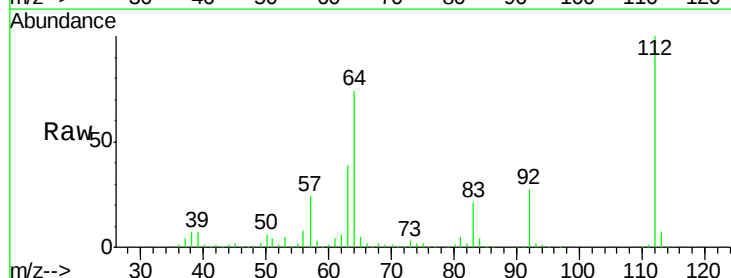
Tgt Ion:112 Resp: 515426

Ion Ratio Lower Upper

112 100

64 73.7 39.7 59.5#

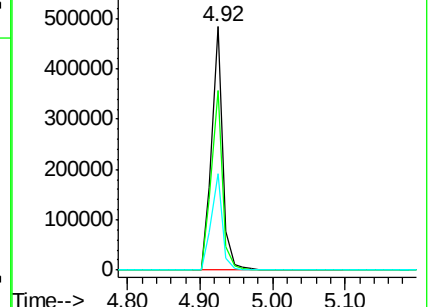
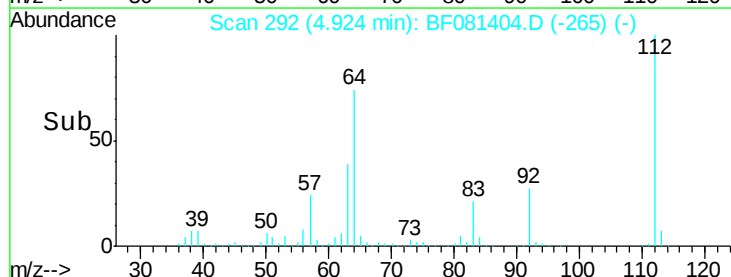
63 39.5 17.4 26.0#

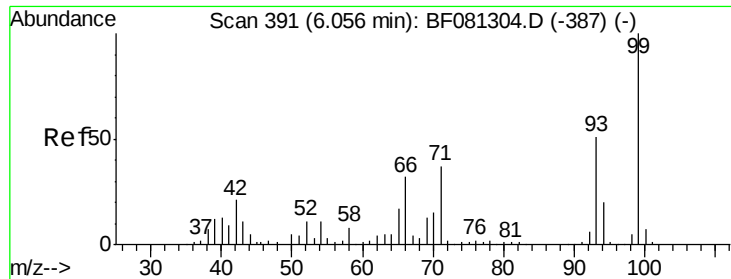


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.68 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

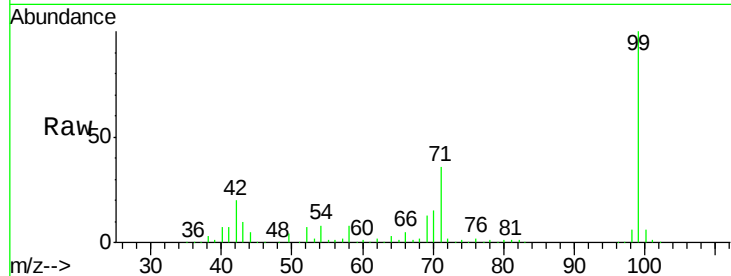
Tot Ion: 99 Resp: 778059

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

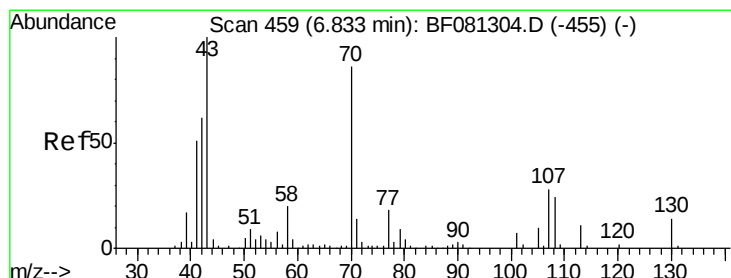
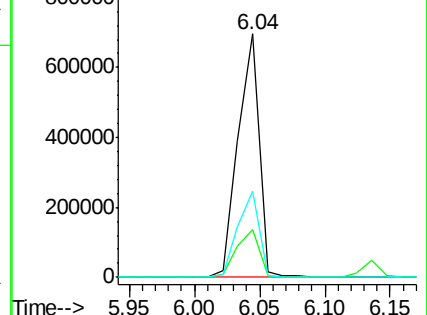
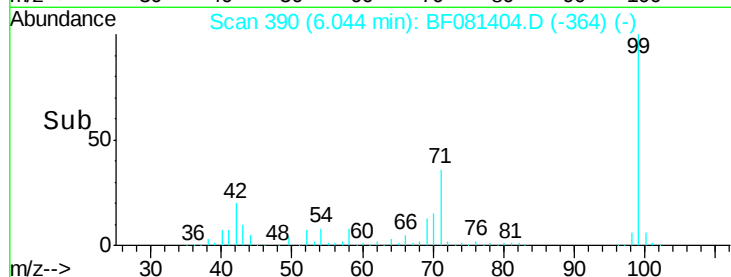
71 35.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.98 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Tgt Ion: 70 Resp: 64549

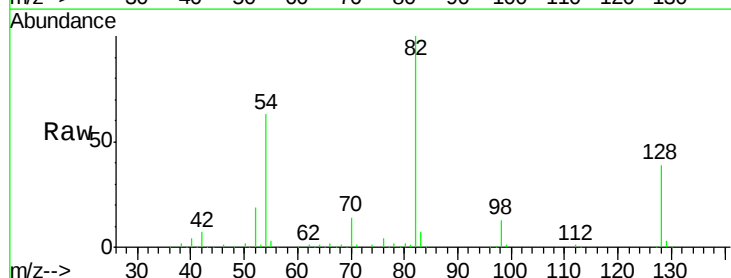
Ion Ratio Lower Upper

70 100

42 51.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

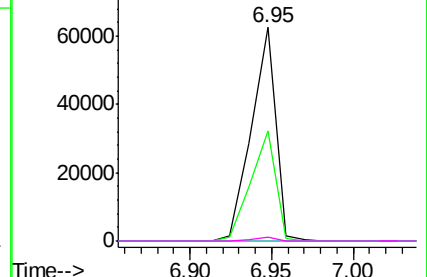
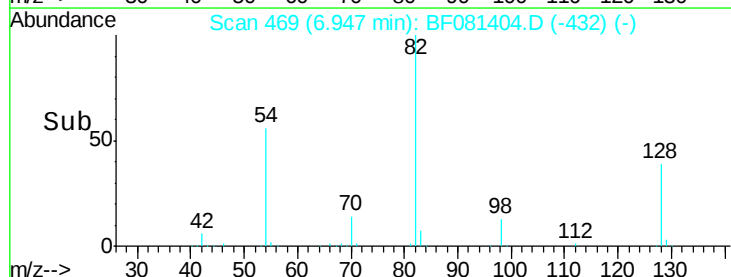


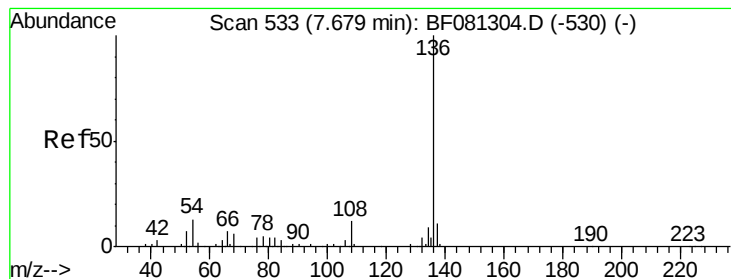
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

Tot Ion:136 Resp: 233829

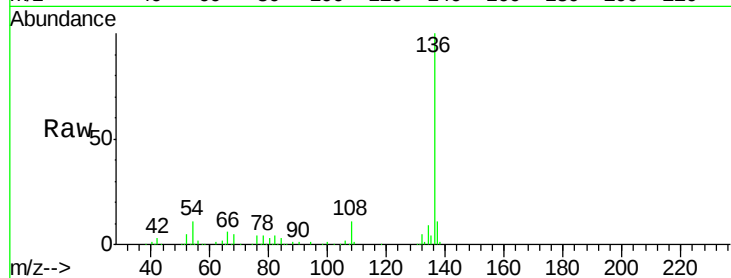
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 11.0 8.2 12.2

68 5.4 5.8 8.6#

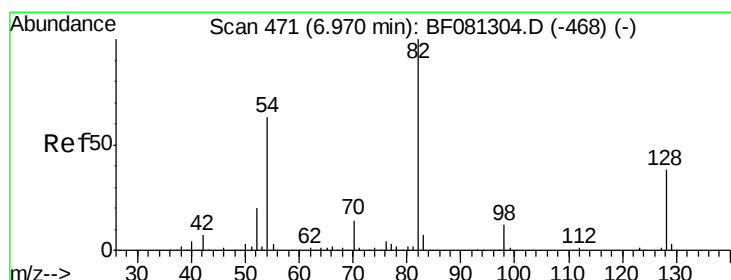
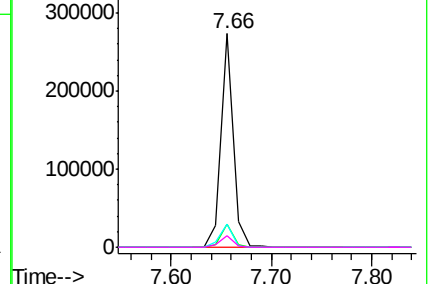
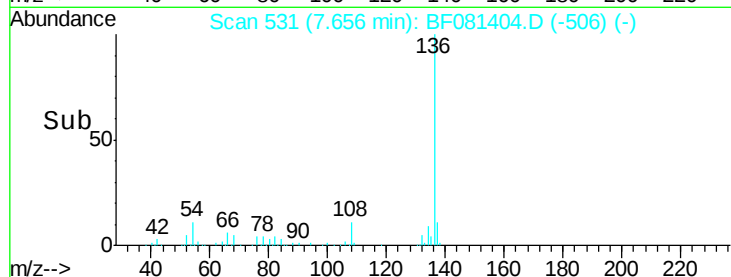


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.09 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

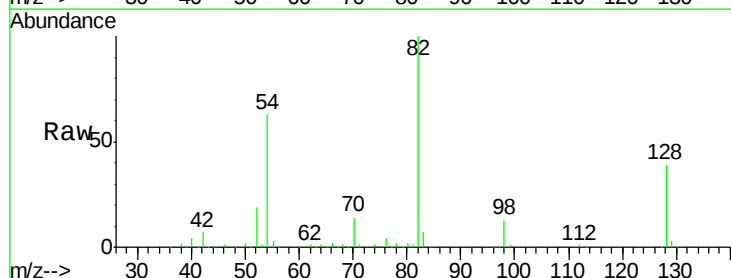
Tgt Ion: 82 Resp: 470545

Ion Ratio Lower Upper

82 100

128 39.3 51.0 76.6#

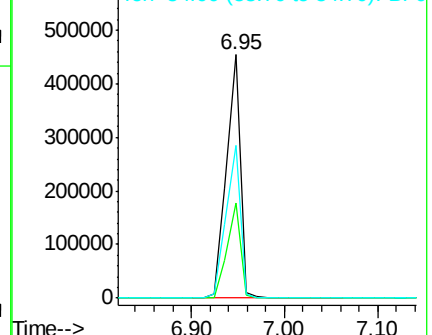
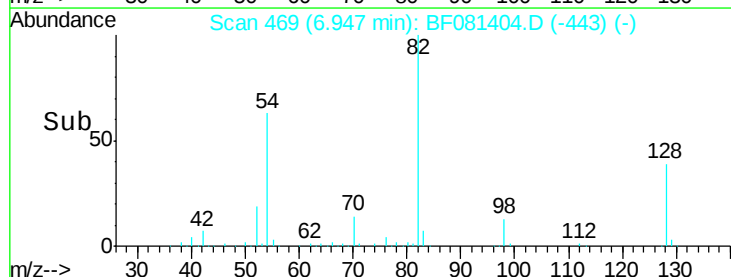
54 62.7 47.5 71.3

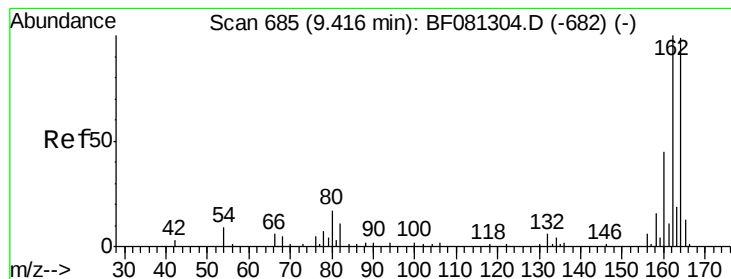


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

Instrument :

BNA_F

ClientSampleId :

COFF-2-19(0-2)

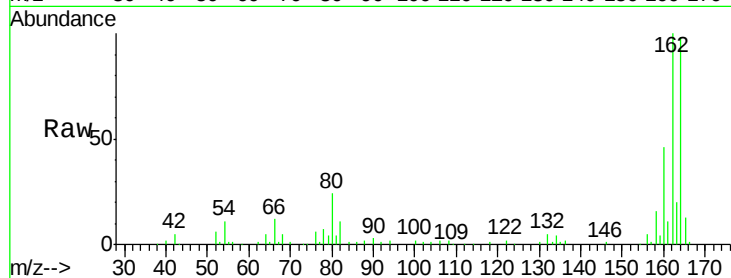
Tot Ion:164 Resp: 100264

Ion Ratio Lower Upper

164 100

162 102.1 75.2 112.8

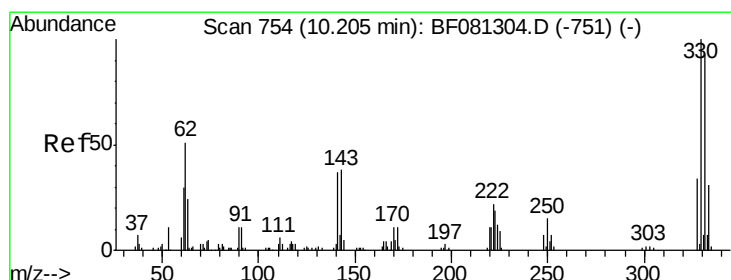
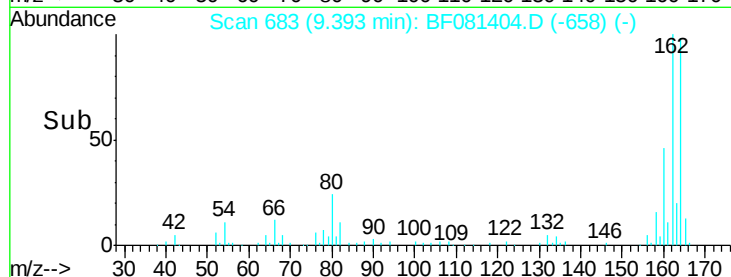
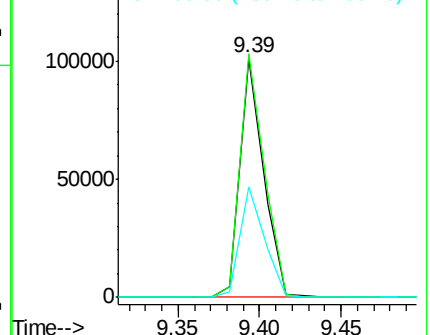
160 46.5 31.5 47.3



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: 130.70 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF081404.D

Acq: 4 Sep 2015 5:50

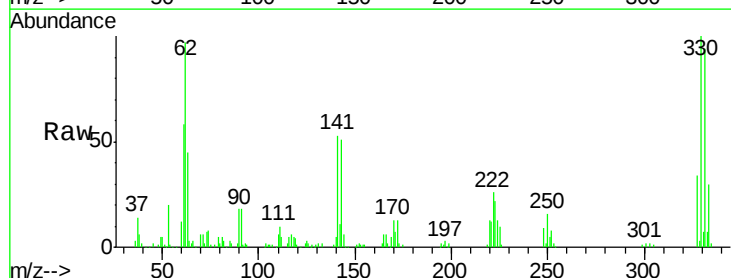
Tgt Ion:330 Resp: 116686

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

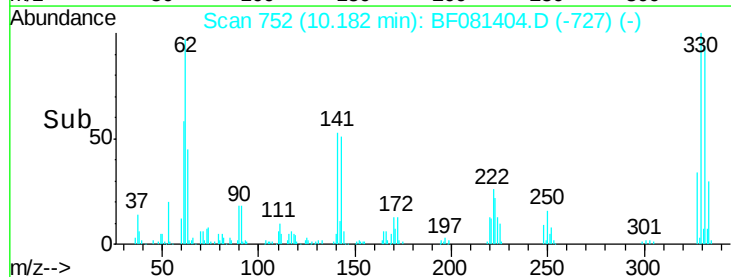
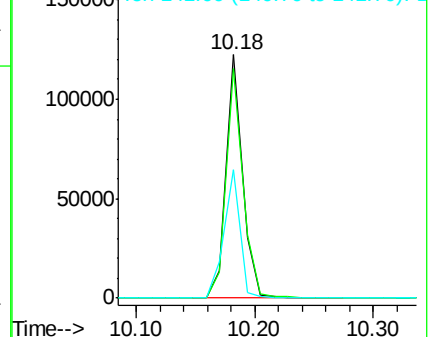
141 51.4 29.7 44.5#



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

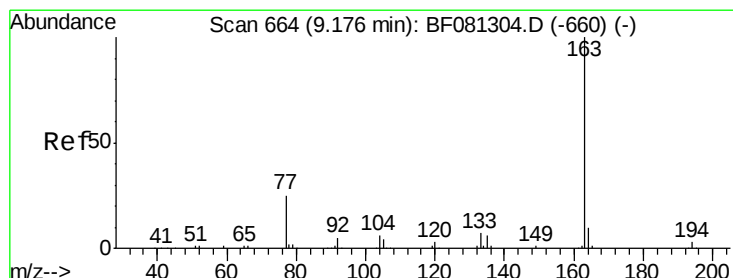
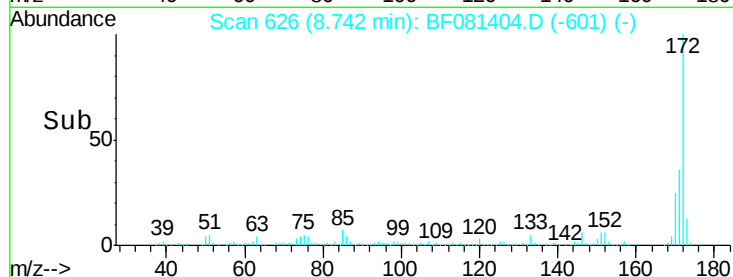
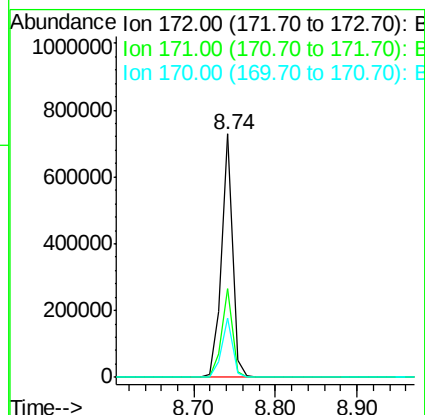
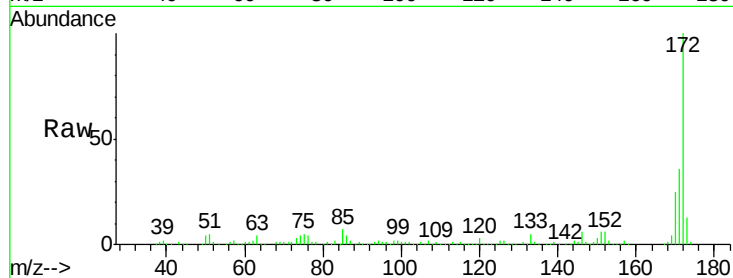




#44
2-Fluorobiphenyl
Concen: 87.37 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF081404.D
Acq: 4 Sep 2015 5:50

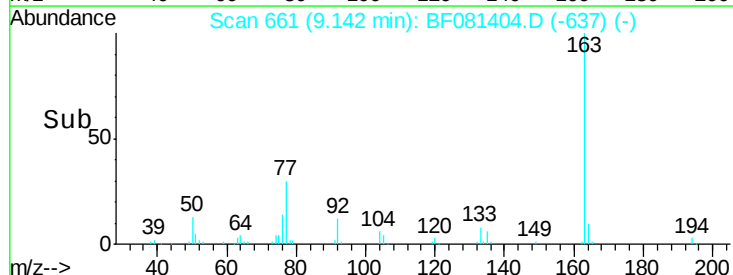
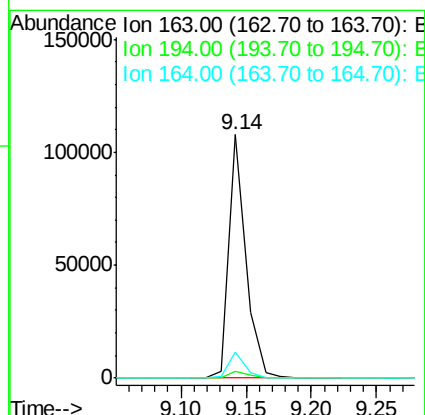
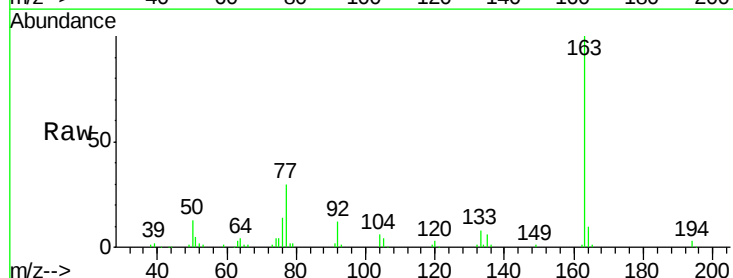
Instrument :
BNA_F
ClientSampleId :
COFF-2-19(0-2)

Tot Ion:172 Resp: 683619
Ion Ratio Lower Upper
172 100
171 36.4 26.1 39.1
170 24.5 17.4 26.2



#49
Dimethylphthalate
Concen: 12.68 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081404.D
Acq: 4 Sep 2015 5:50

Tgt Ion:163 Resp: 98807
Ion Ratio Lower Upper
163 100
194 2.7 4.4 6.6#
164 10.4 8.3 12.5

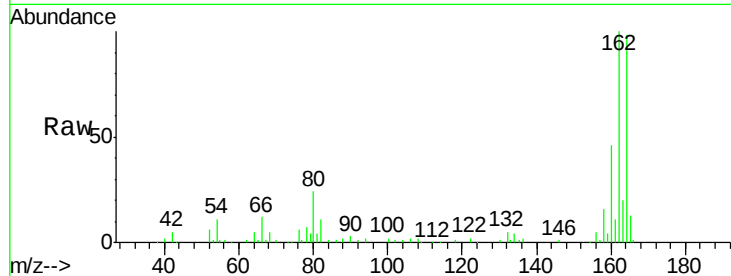




#56
 2,4-Dinitrotoluene
 Concen: 5.74 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Tot Ion:	165	Resp:	12916
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

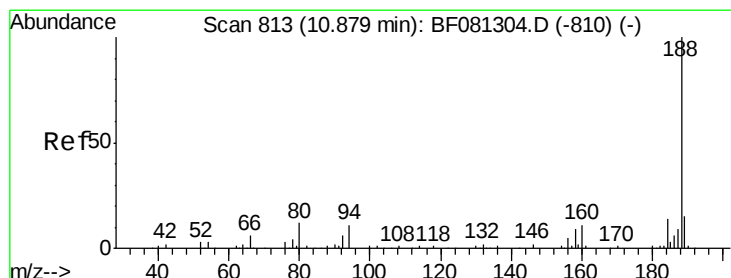
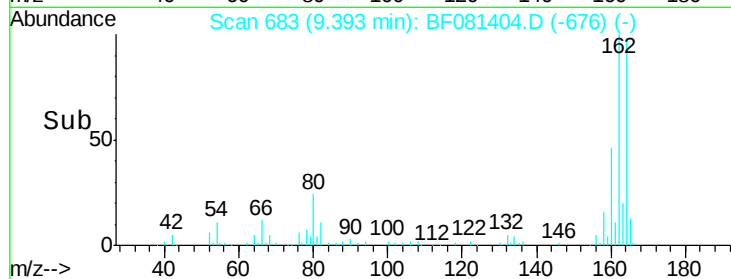
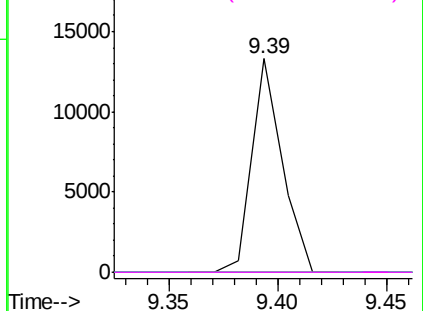


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

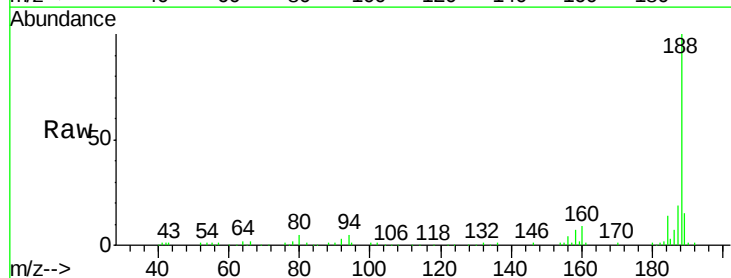
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

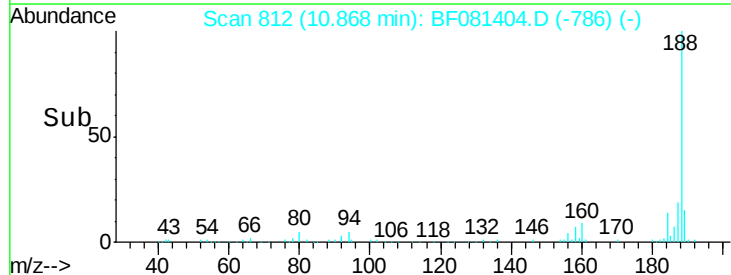
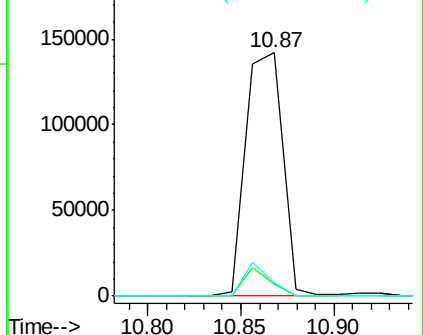
Tgt Ion:	188	Resp:	195658
Ion Ratio	Lower	Upper	
188	100		
94	4.9	11.1	16.7#
80	5.5	11.0	16.4#

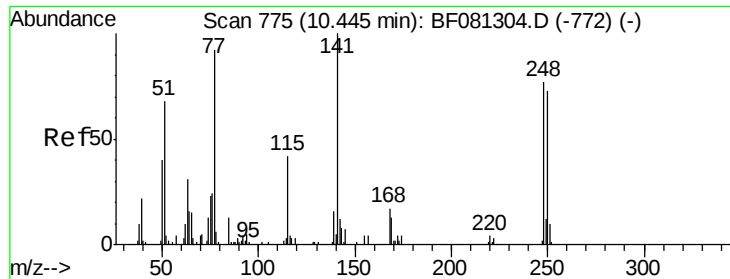


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

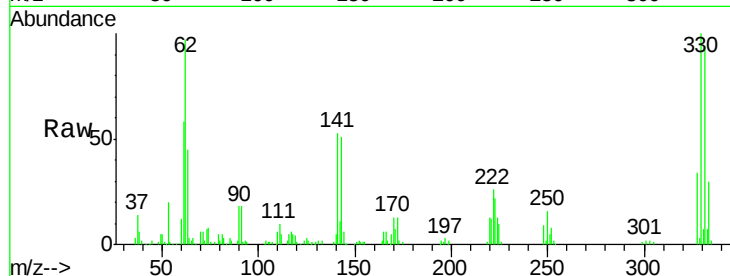




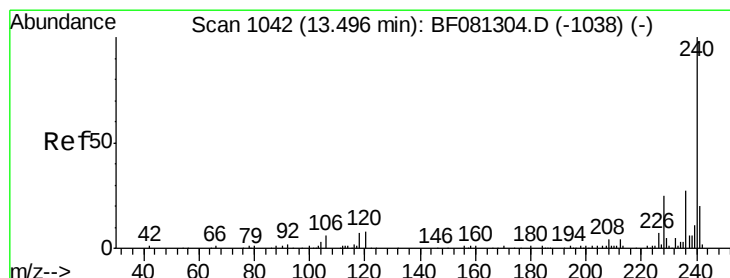
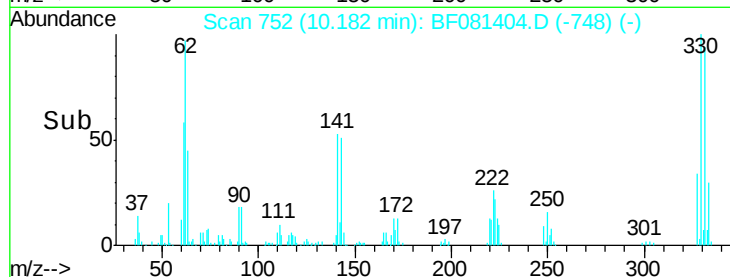
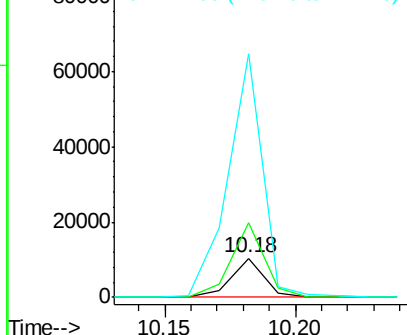
#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF081404.D
Acq: 4 Sep 2015 5:50

Instrument :
BNA_F
ClientSampleId :
COFF-2-19(0-2)

Tot Ion:248 Resp: 9116
Ion Ratio Lower Upper
248 100
250 190.7 78.5 117.7#
141 621.2 59.0 88.6#

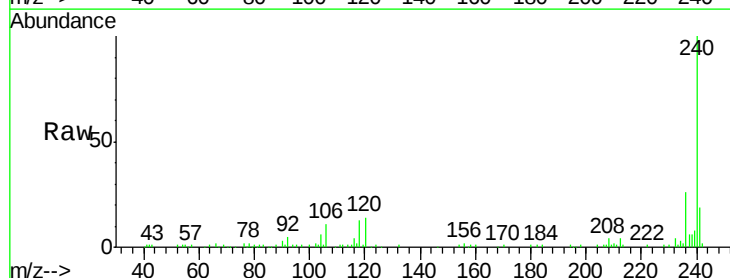


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

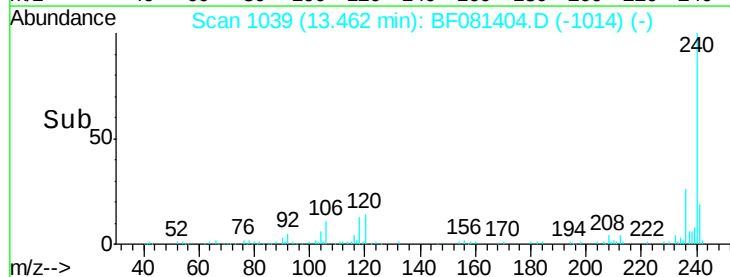
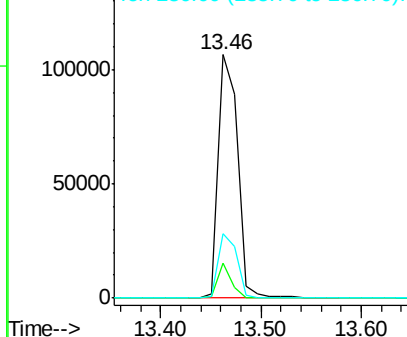


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF081404.D
Acq: 4 Sep 2015 5:50

Tgt Ion:240 Resp: 142682
Ion Ratio Lower Upper
240 100
120 14.4 16.2 24.2#
236 26.4 18.4 27.6



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

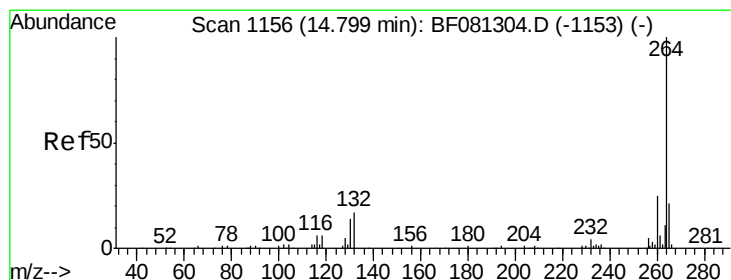
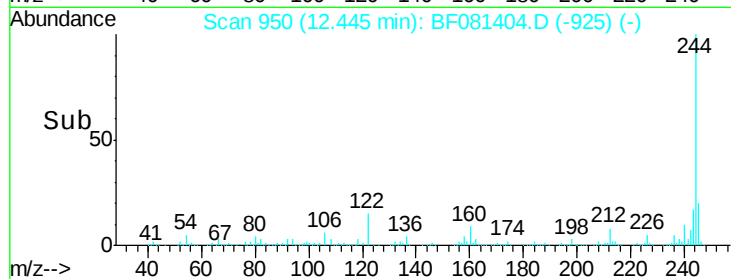
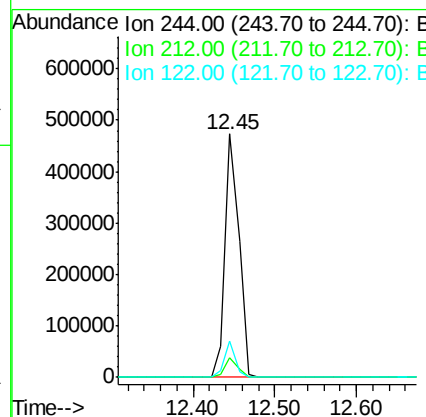
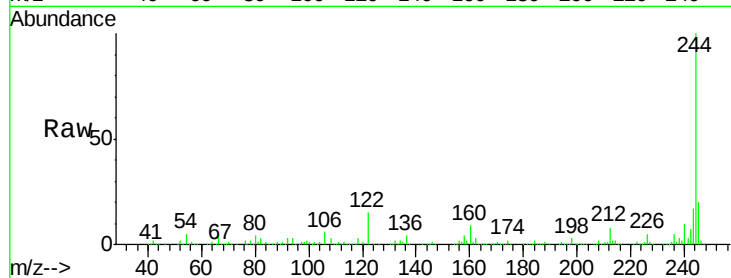




#78
 Terphenyl-d14
 Concen: 90.81 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-19(0-2)

Tot Ion:244 Resp: 556632
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 14.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081404.D
 Acq: 4 Sep 2015 5:50

Tgt Ion:264 Resp: 92988
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.6 17.2 25.8

