

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083185.D
 Acq On : 23 Nov 2015 4:02
 Operator : UM/IZ
 Sample : G4475-03
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H3

Quant Time: Nov 23 06:29:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

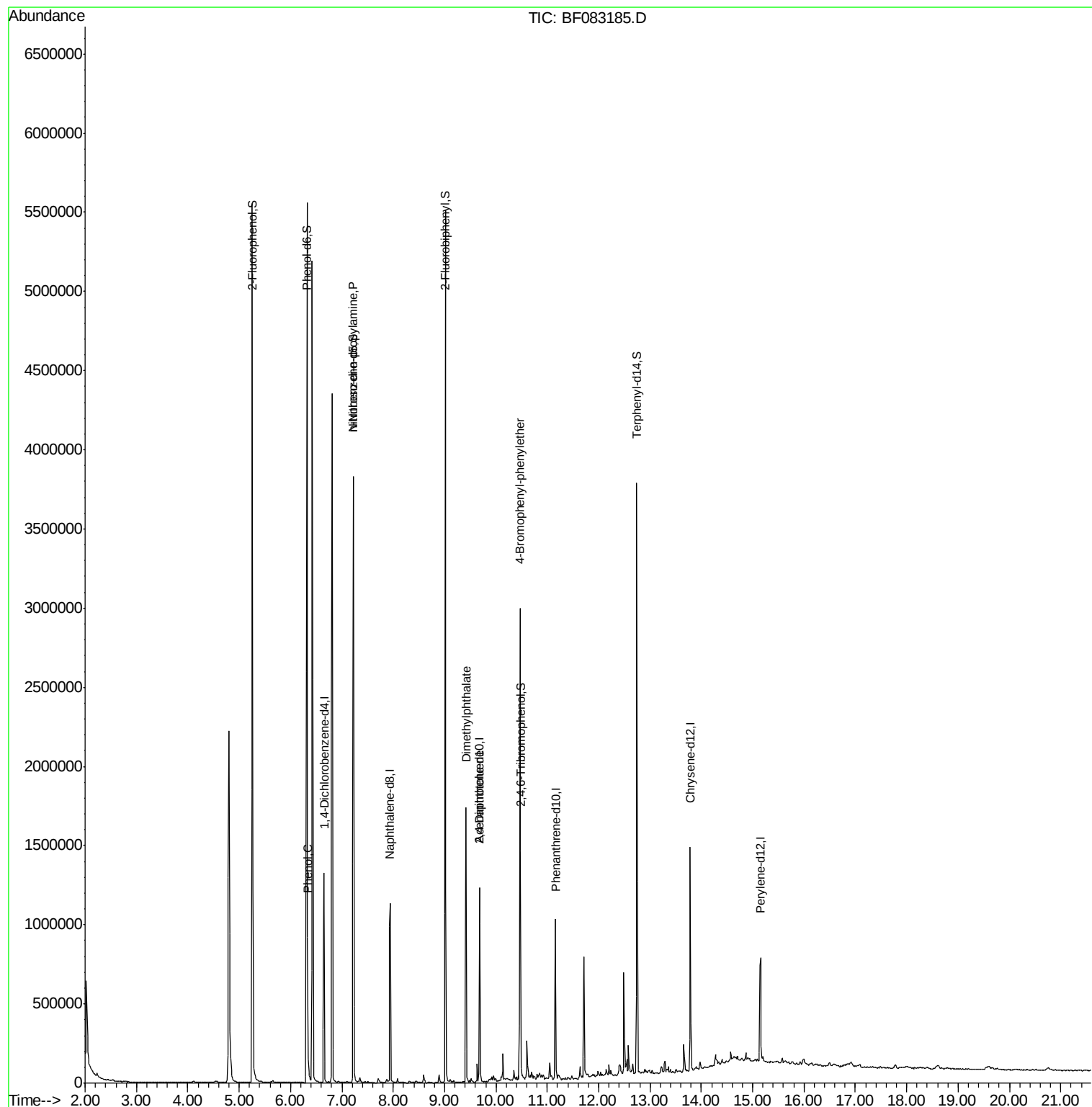
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201338	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	726625	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	336079	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	540786	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	472043	20.00	ng	-0.02
86) Perylene-d12	15.15	264	367321	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1680720	126.21	ng	-0.02
7) Phenol-d6	6.32	99	2194347	127.35	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1400580	88.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	395040	114.89	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1743378	72.34	ng	-0.01
78) Terphenyl-d14	12.74	244	1223950	61.06	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	3788	Below Cal	#	4
10) Phenol	6.33	94	49528	2.38	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	194245	16.20	ng	# 74
49) Dimethylphthalate	9.42	163	639130	24.70	ng	100
56) 2,4-Dinitrotoluene	9.68	165	44055	5.99	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	26630	4.44	ng	# 1

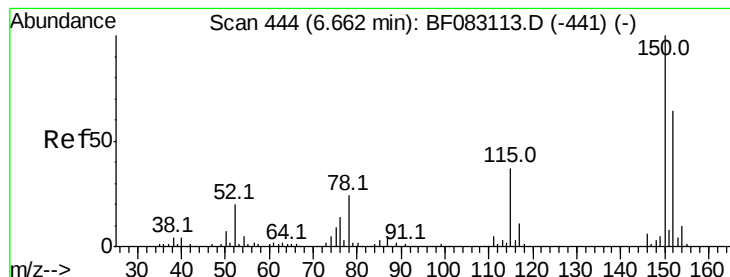
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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H3

Quant Time: Nov 23 06:29:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

Instrument :

BNA_F

ClientSampled :

H3

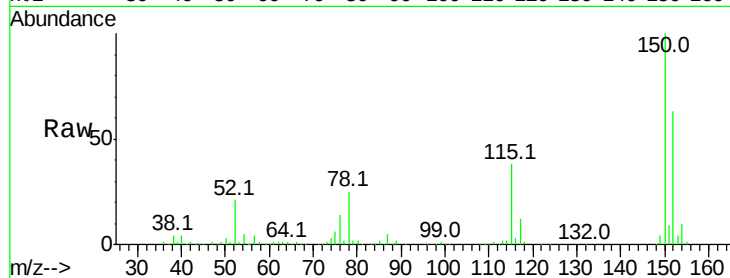
Tot Ion:152 Resp: 201338

Ion Ratio Lower Upper

152 100

150 158.8 125.8 188.8

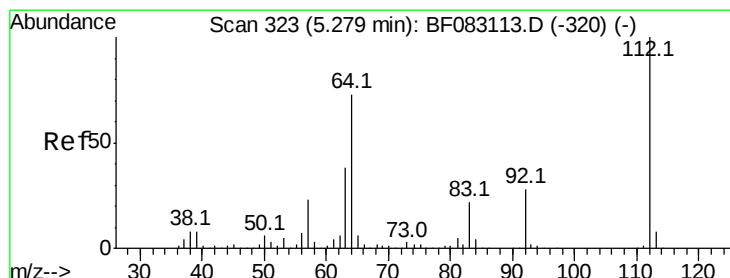
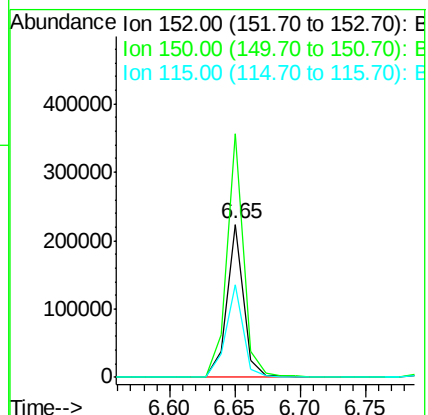
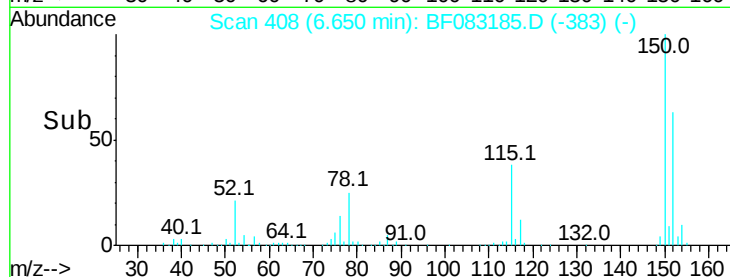
115 60.5 46.9 70.3



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: 126.21 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

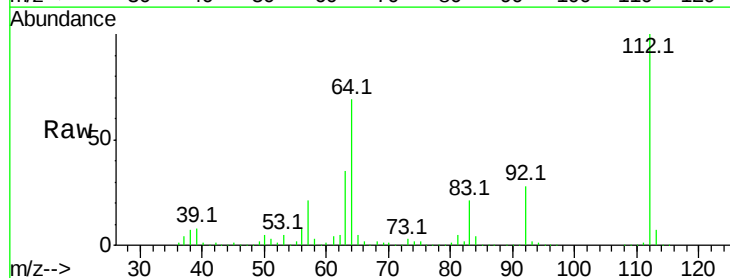
Tgt Ion:112 Resp: 1680720

Ion Ratio Lower Upper

112 100

64 69.1 58.4 87.6

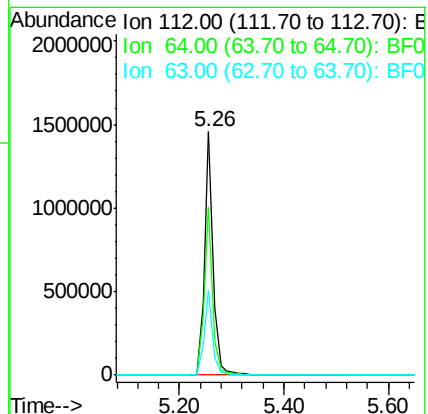
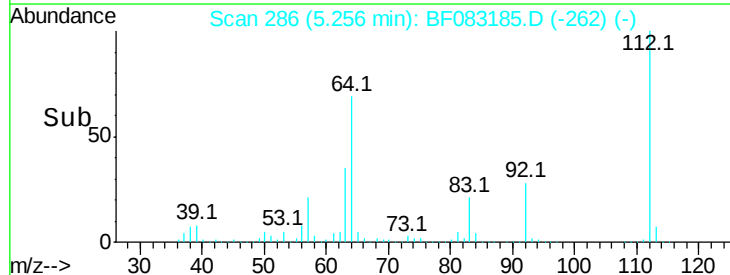
63 34.9 30.0 45.0

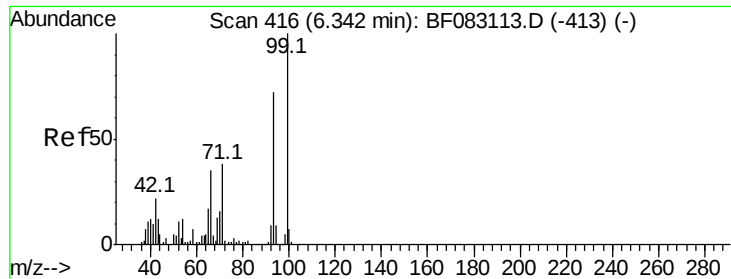


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.35 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

Instrument :

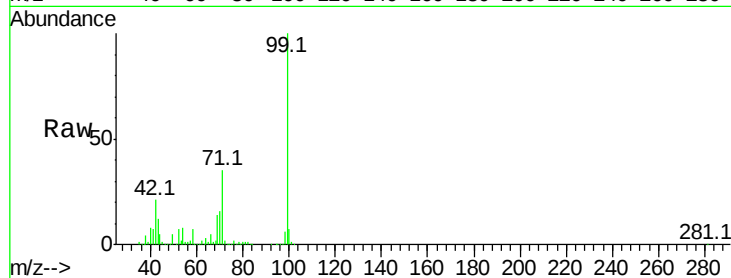
BNA_F

ClientSampled :

H3

Tot Ion: 99 Resp: 2194347

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.7	26.5
71	35.3	30.2	45.4

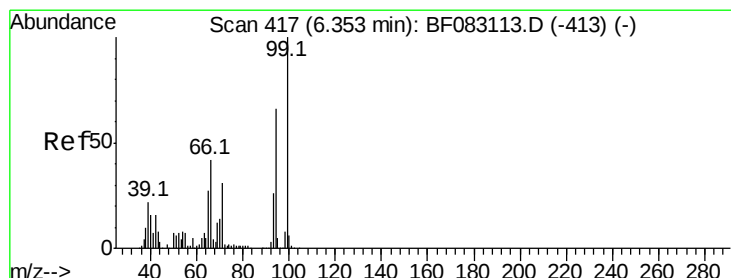
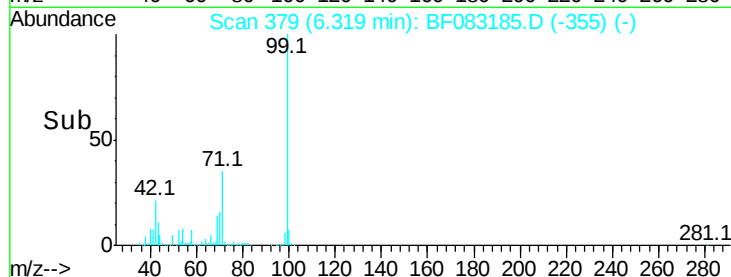
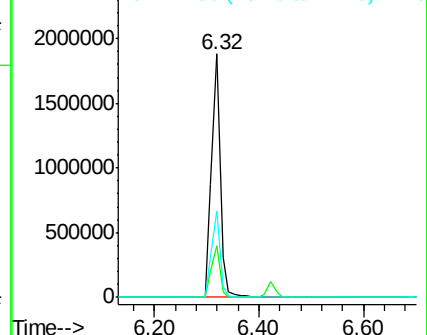


Abundance

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



#10

Phenol

Concen: 2.38 ng

RT: 6.33 min Scan# 380

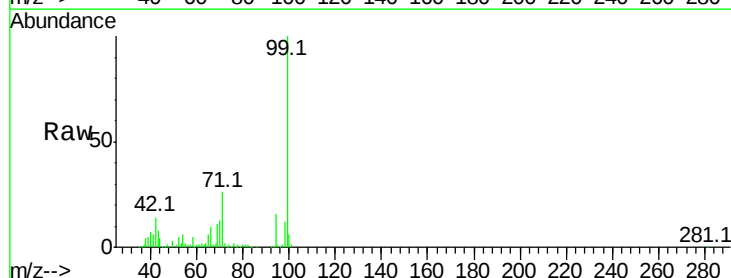
Delta R.T. -0.02 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

Tgt Ion: 94 Resp: 49528

Ion	Ratio	Lower	Upper
94	100		
65	34.7	21.1	61.1
66	59.6	43.1	83.1

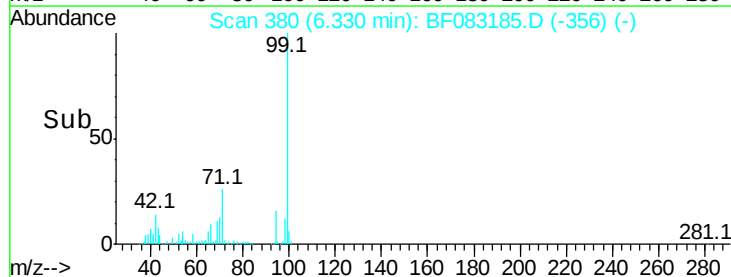
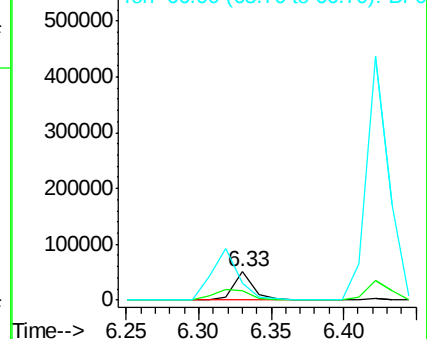


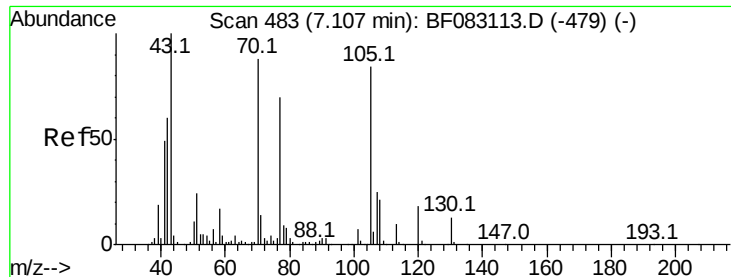
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

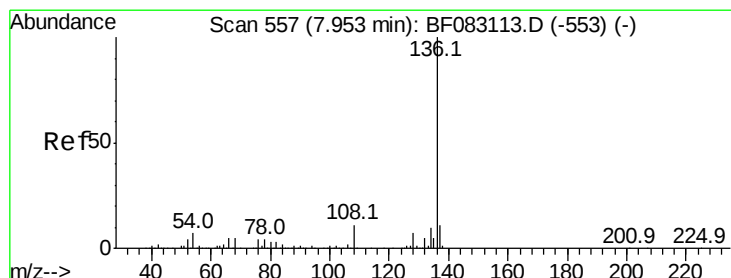
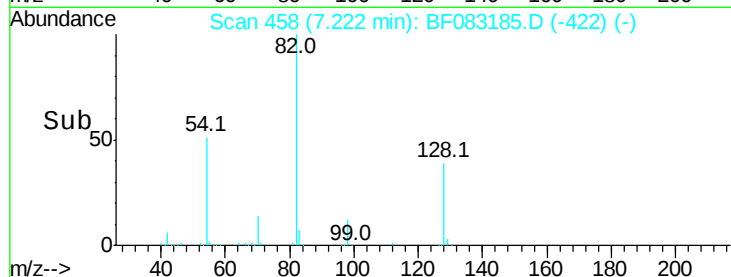
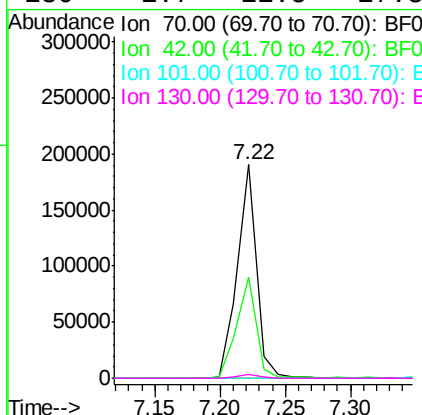
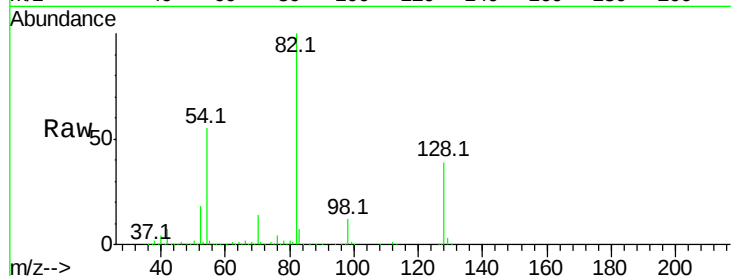




#19
n-Nitroso-di-n-propylamine
Concen: 16.20 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083185.D
Acq: 23 Nov 2015 4:02

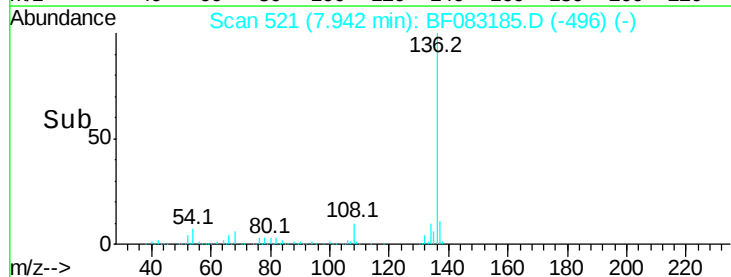
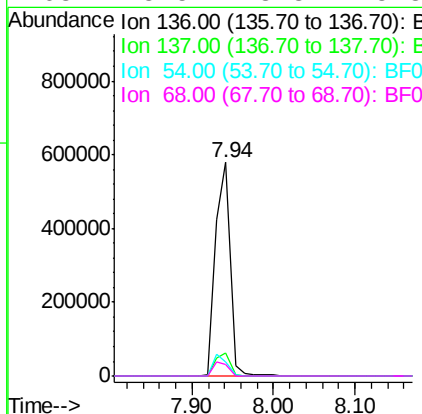
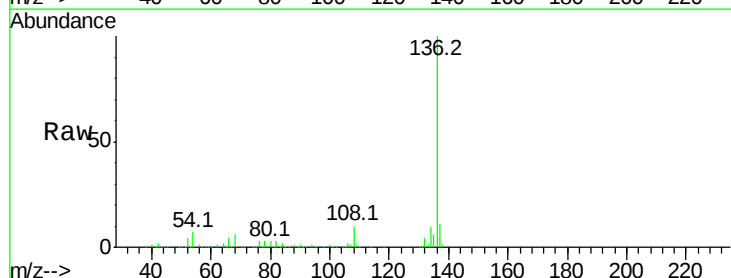
Instrument :
BNA_F
ClientSampled :
H3

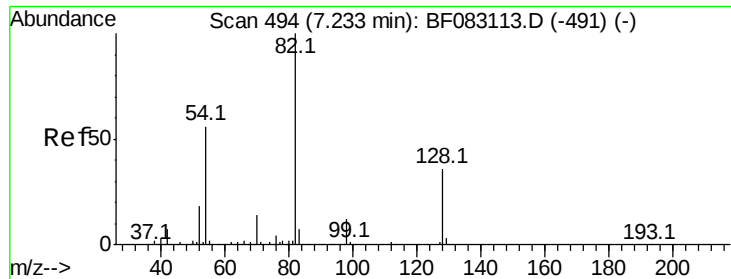
Tot Ion: 70 Resp: 194245
Ion Ratio Lower Upper
70 100
42 47.2 54.5 81.7#
101 0.0 6.6 9.8#
130 1.7 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083185.D
Acq: 23 Nov 2015 4:02

Tgt Ion:136 Resp: 726625
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.9 5.8 8.6
68 5.5 3.8 5.8

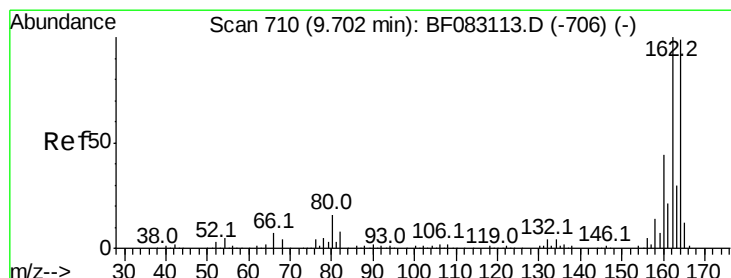
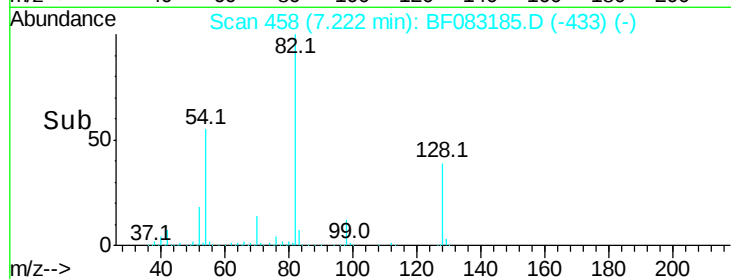
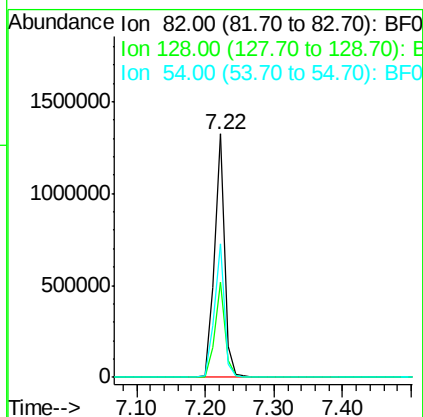
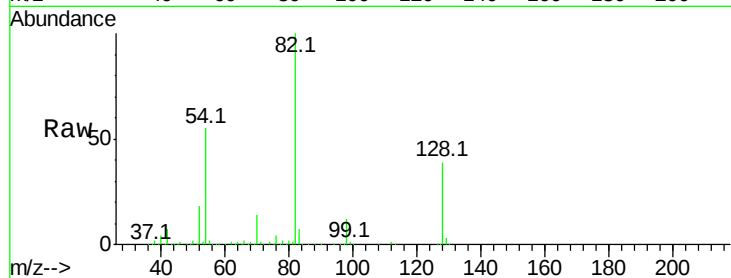




#23
 Nitrobenzene-d5
 Concen: 88.08 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083185.D
 Acq: 23 Nov 2015 4:02

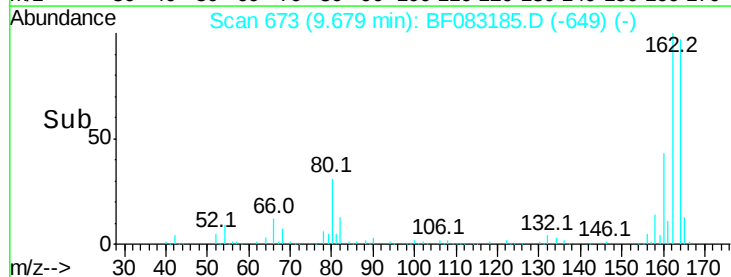
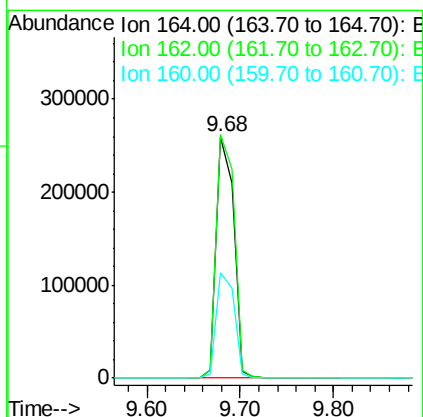
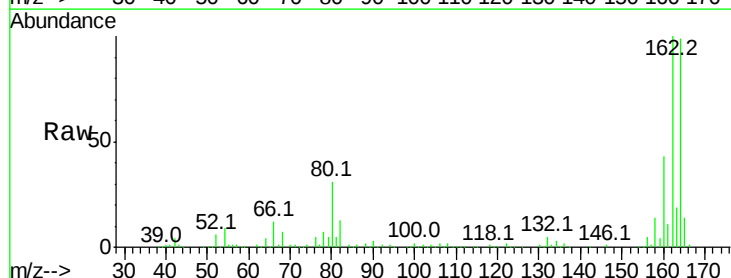
Instrument :
 BNA_F
 ClientSampleId :
 H3

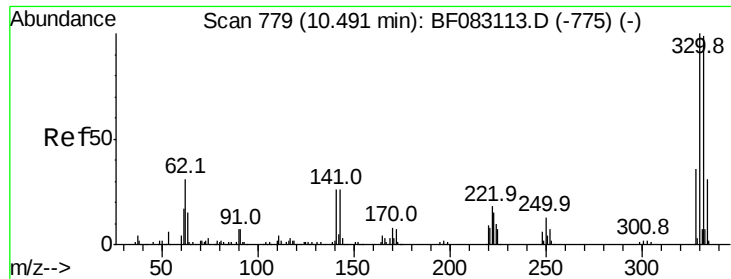
Tot Ion: 82 Resp: 1400580
 Ion Ratio Lower Upper
 82 100
 128 38.9 28.5 42.7
 54 54.7 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083185.D
 Acq: 23 Nov 2015 4:02

Tgt Ion: 164 Resp: 336079
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.2 121.8
 160 43.5 35.6 53.4

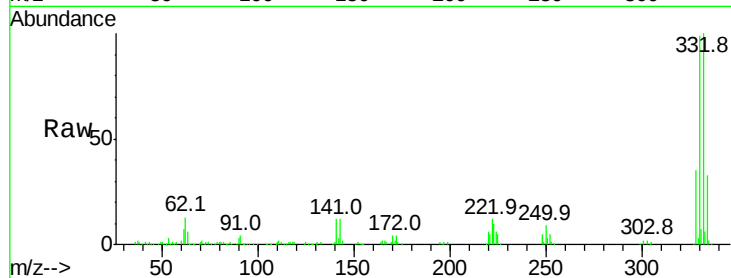




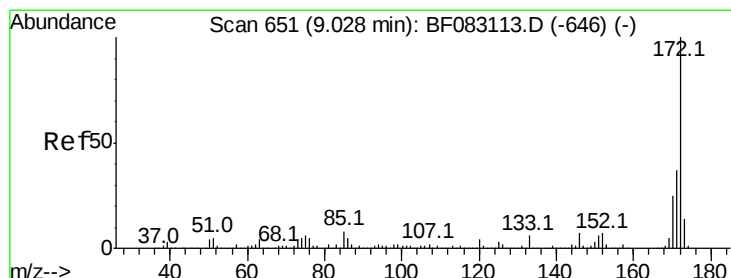
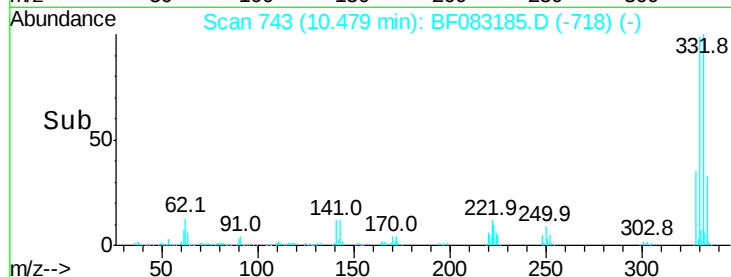
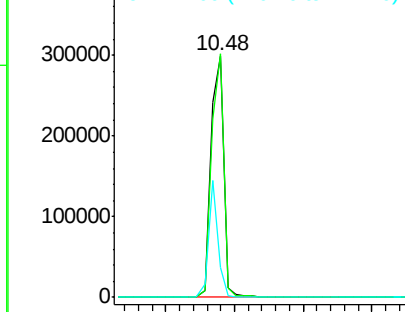
#41
 2,4,6-Tribromophenol
 Concen: 114.89 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083185.D
 Acq: 23 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 H3

Tot Ion:330 Resp: 395040
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 35.4 29.7 44.5

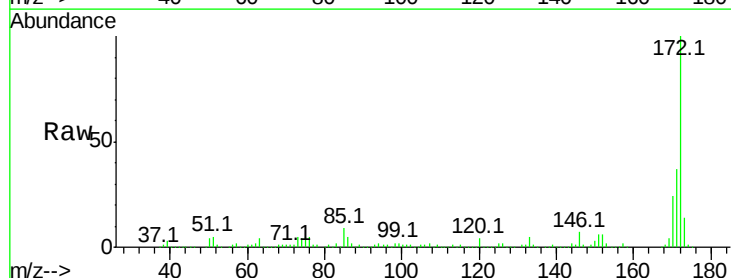


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

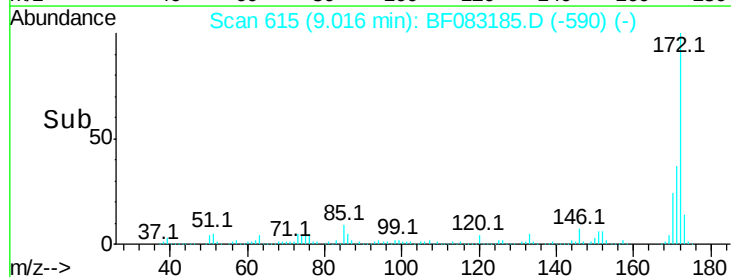
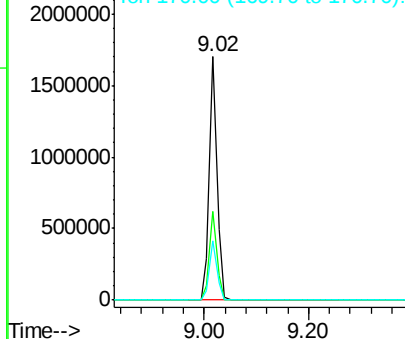


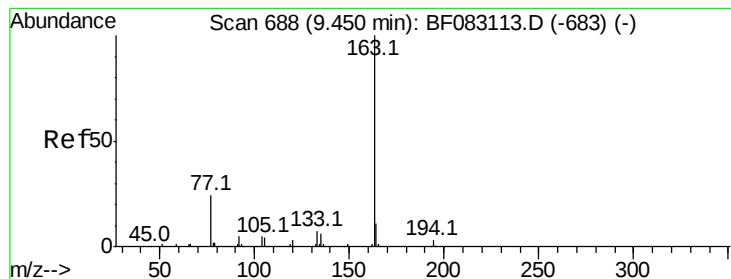
#44
 2-Fluorobiphenyl
 Concen: 72.34 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083185.D
 Acq: 23 Nov 2015 4:02

Tgt Ion:172 Resp: 1743378
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.5 19.9 29.9



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: 24.70 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

Instrument :

BNA_F

ClientSampled :

H3

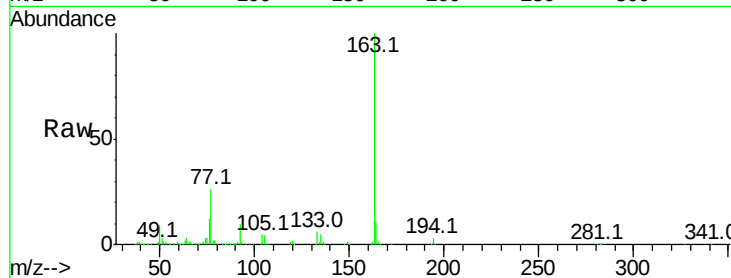
Tot Ion:163 Resp: 639130

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

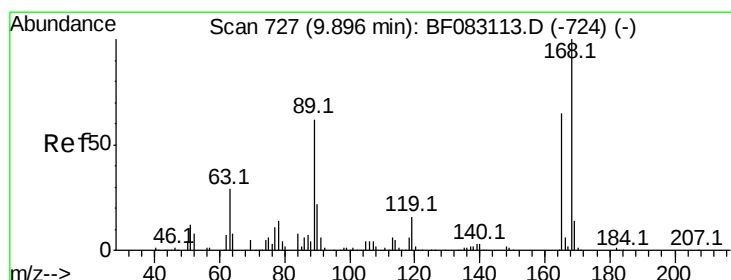
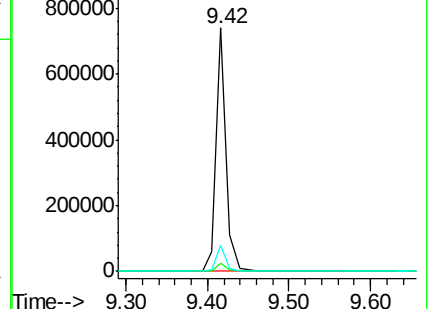
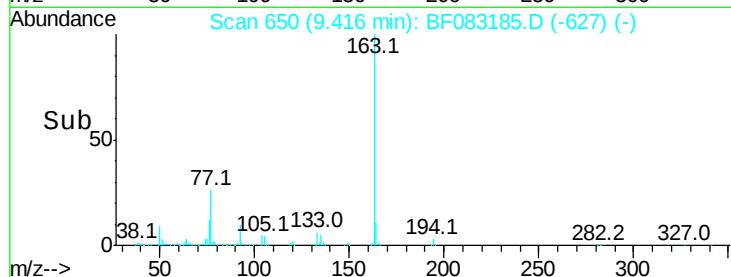
164 10.7 8.6 12.8



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



#56

2,4-Dinitrotoluene

Concen: 5.99 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.22 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

Tgt Ion:165 Resp: 44055

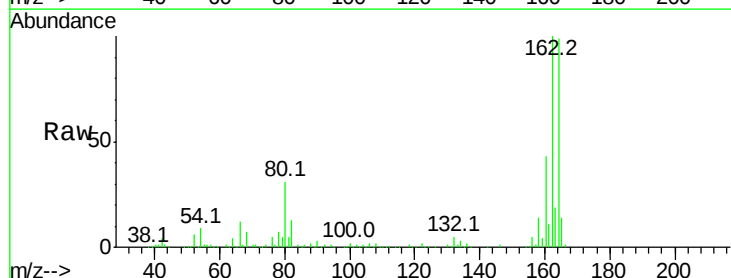
Ion Ratio Lower Upper

165 100

63 2.0 54.5 81.7#

89 1.3 77.3 115.9#

182 0.0 1.8 2.6#

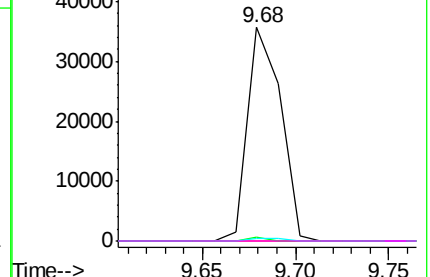
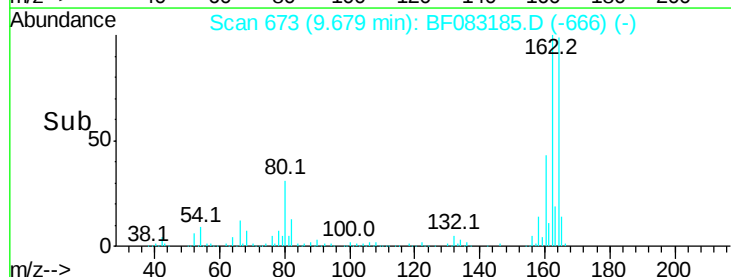


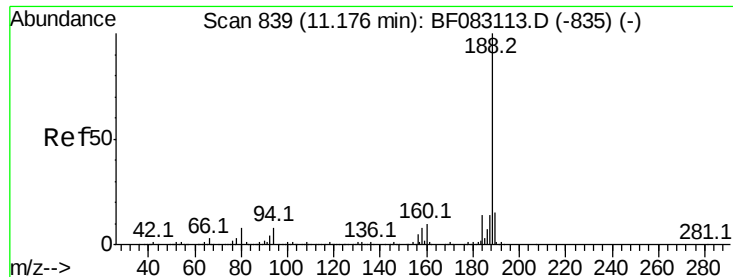
Abundance Ion 165.00 (164.70 to 165.70): E

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

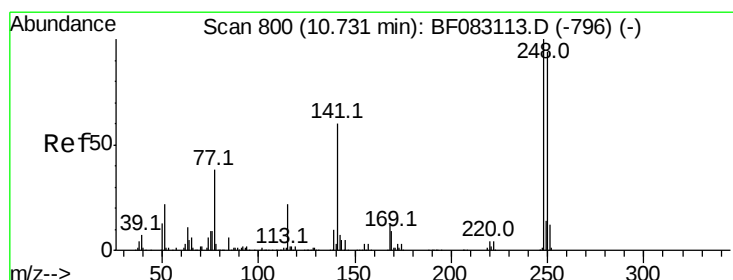
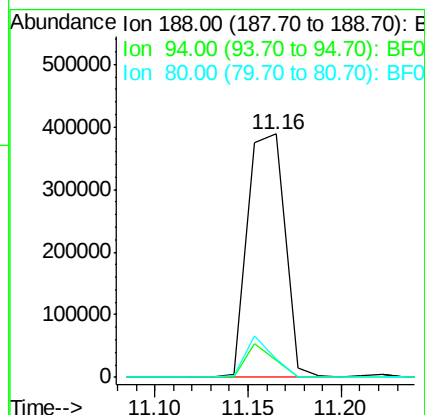
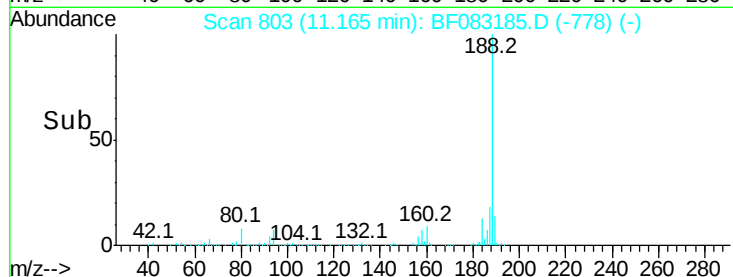
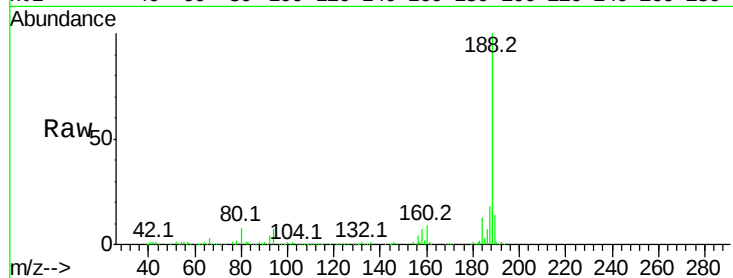




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083185.D
Acq: 23 Nov 2015 4:02

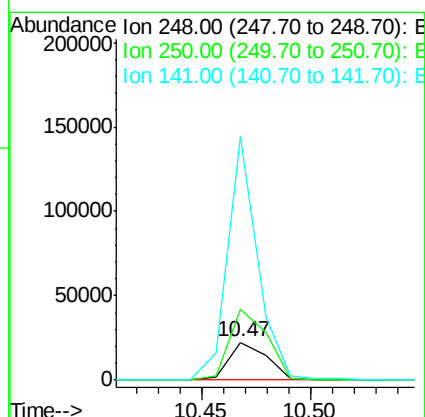
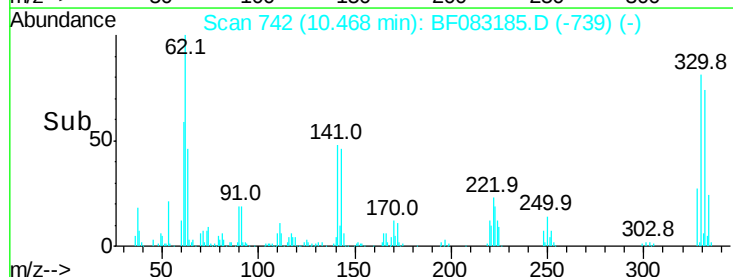
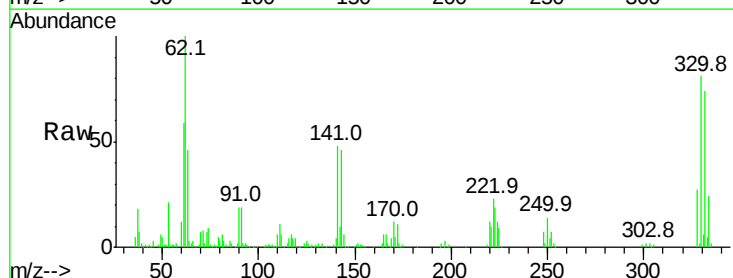
Instrument :
BNA_F
ClientSampled :
H3

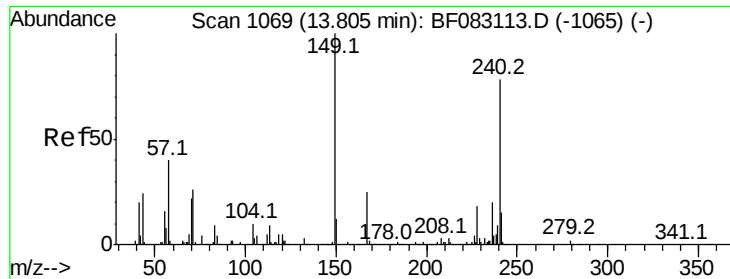
Tot Ion:188 Resp: 540786
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 7.5 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083185.D
Acq: 23 Nov 2015 4:02

Tgt Ion:248 Resp: 26630
Ion Ratio Lower Upper
248 100
250 188.9 75.4 113.2#
141 646.8 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

H3

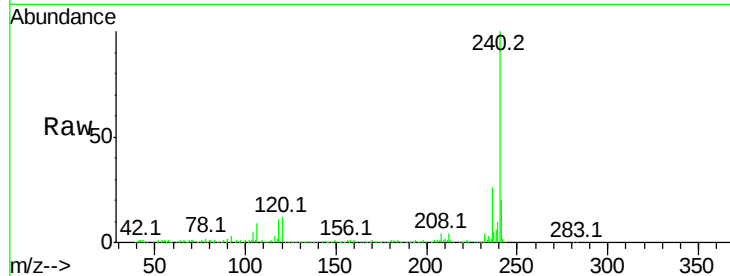
Tot Ion:240 Resp: 472043

Ion Ratio Lower Upper

240 100

120 12.0 5.4 8.2#

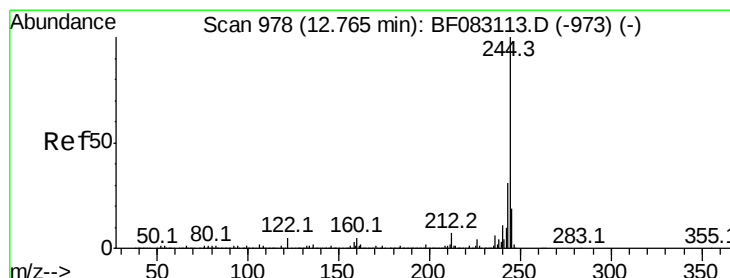
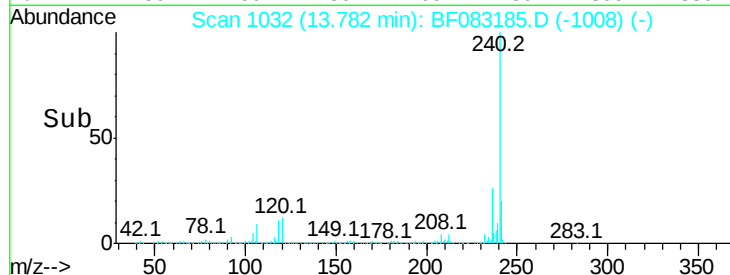
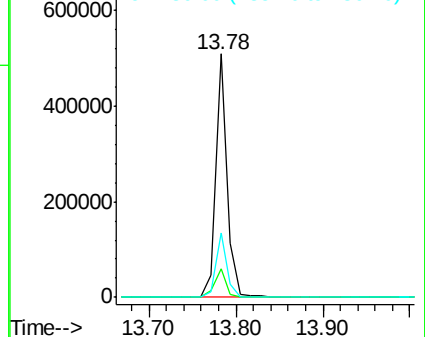
236 26.3 20.6 31.0



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: 61.06 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083185.D

Acq: 23 Nov 2015 4:02

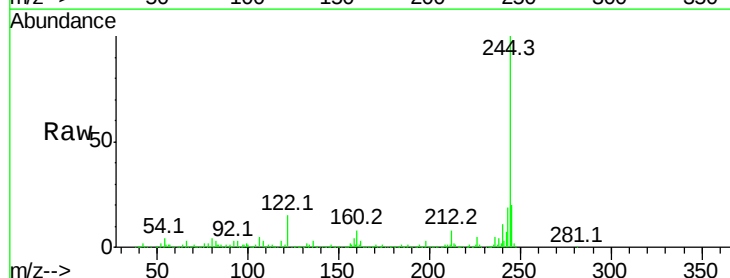
Tgt Ion:244 Resp: 1223950

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

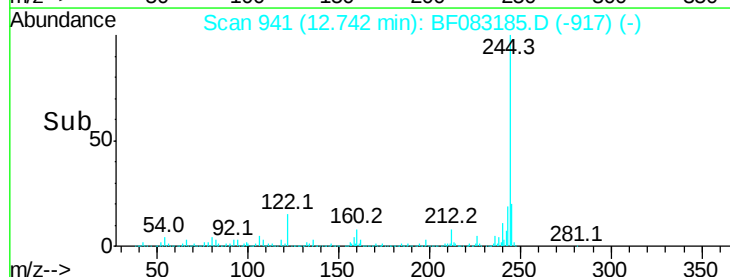
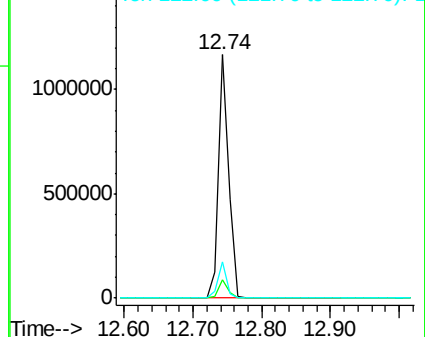
122 14.7 4.3 6.5#

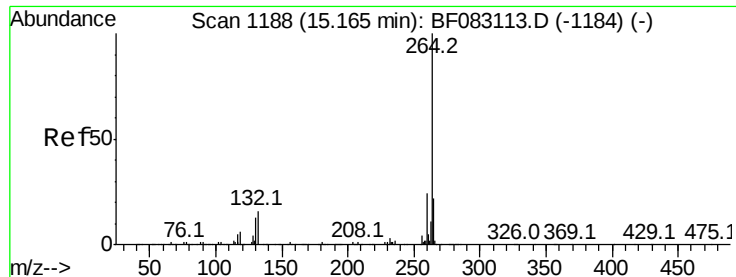


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

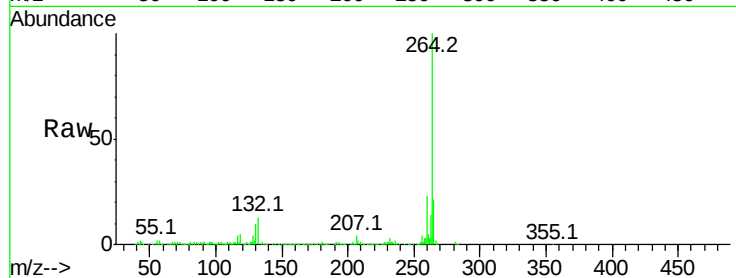




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083185.D
 Acq: 23 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 H3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.5	18.2	27.4



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

