

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083220.D
 Acq On : 23 Nov 2015 23:06
 Operator : UM/IZ
 Sample : G4426-04RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 24 04:38:16 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

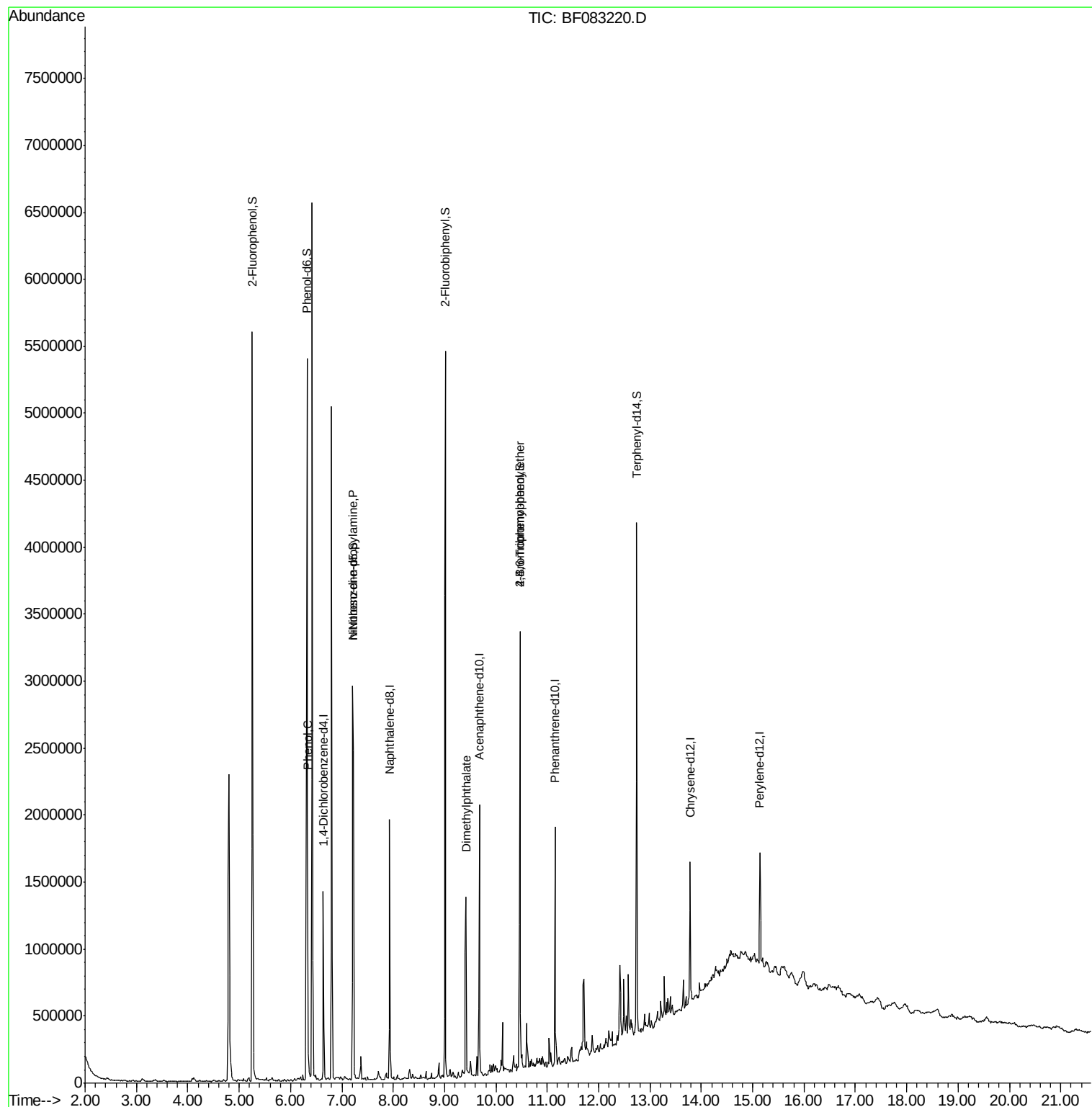
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	206509	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	797700	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	391716	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	618734	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	459168	20.00	ng	-0.02
86) Perylene-d12	15.14	264	380303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1764621	129.19	ng	-0.02
7) Phenol-d6	6.32	99	2354070	133.20	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1511924	86.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	360480	89.95	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2130286	75.83	ng	-0.01
78) Terphenyl-d14	12.74	244	1339696	68.71	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.19	77	10641	Below Cal	#	86
10) Phenol	6.33	94	46150	2.16 ng	#	69
19) n-Nitroso-di-n-propylamine	7.21	70	203351	16.53 ng	#	77
49) Dimethylphthalate	9.42	163	712870	23.64 ng		98
66) 4-Bromophenyl-phenylether	10.47	248	25150	3.66 ng	#	1

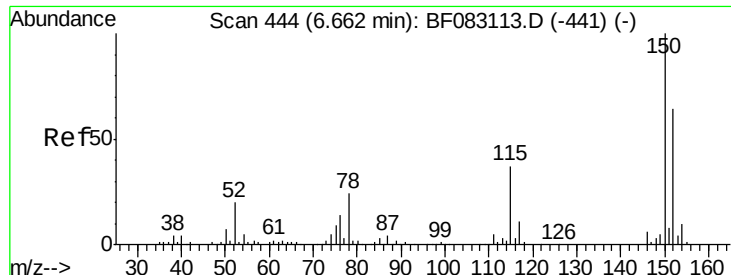
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:38:16 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: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-4

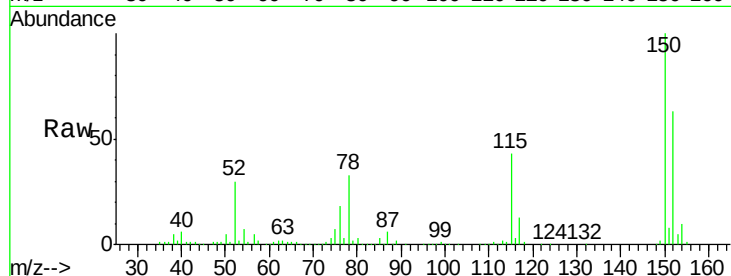
Tgt Ion:152 Resp: 206509

Ion Ratio Lower Upper

152 100

150 158.8 125.8 188.8

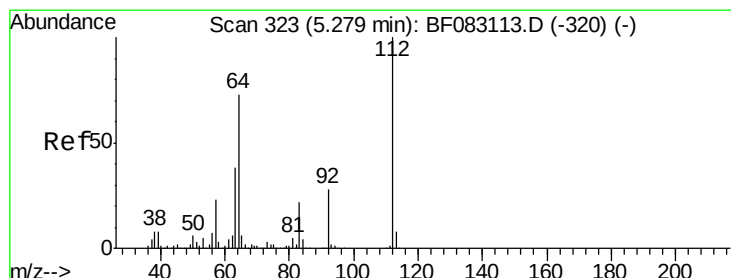
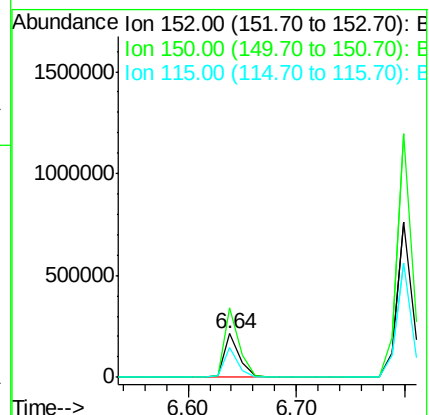
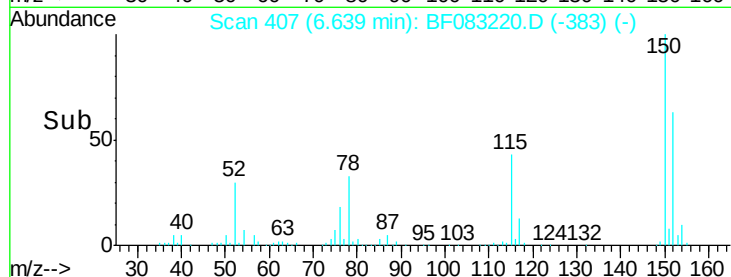
115 68.5 46.9 70.3



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: 129.19 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

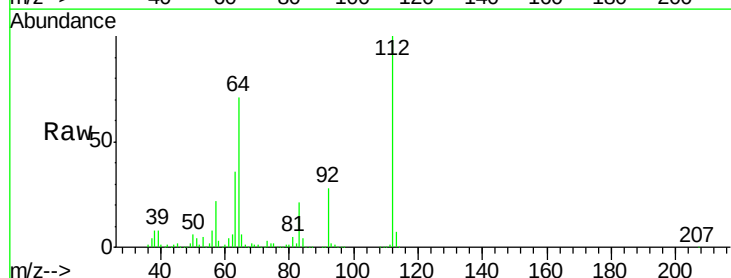
Tgt Ion:112 Resp: 1764621

Ion Ratio Lower Upper

112 100

64 71.2 58.4 87.6

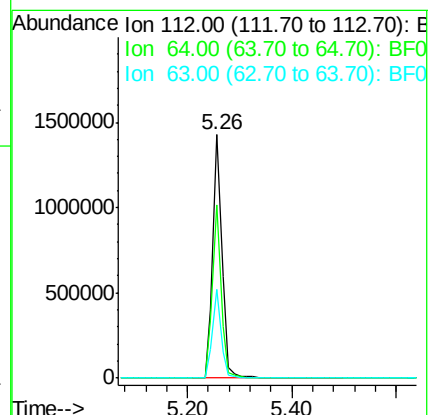
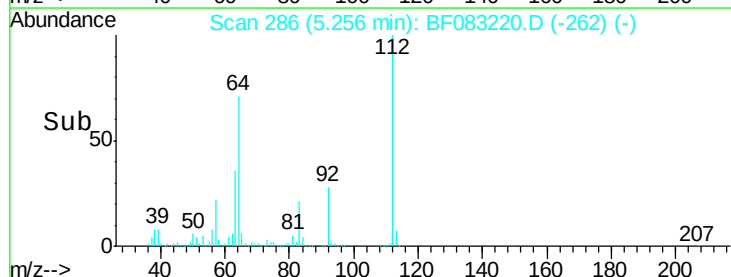
63 36.4 30.0 45.0

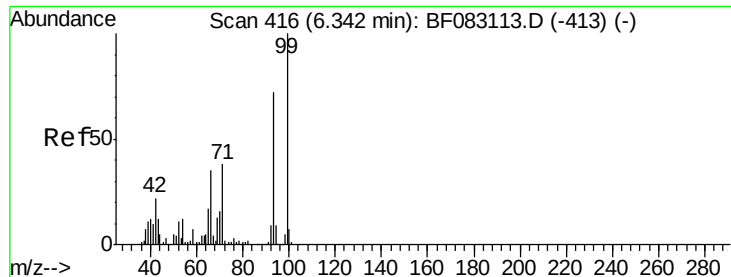


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.20 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-4

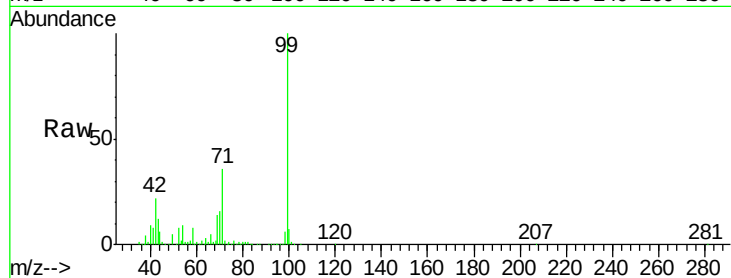
Tgt Ion: 99 Resp: 2354070

Ion Ratio Lower Upper

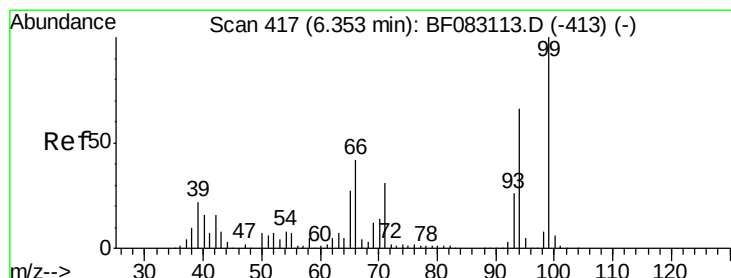
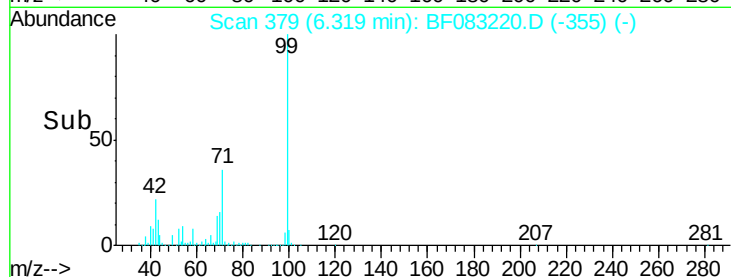
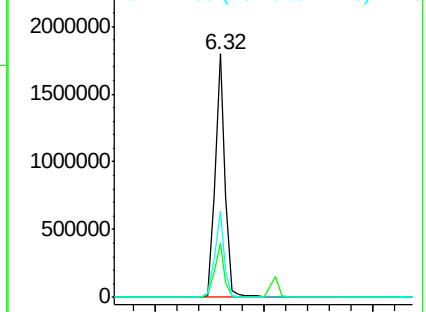
99 100

42 22.5 17.7 26.5

71 35.5 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: 2.16 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

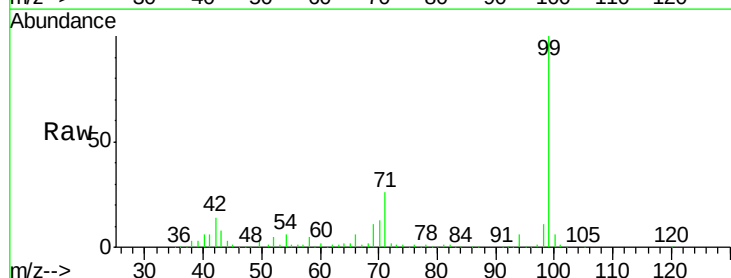
Tgt Ion: 94 Resp: 46150

Ion Ratio Lower Upper

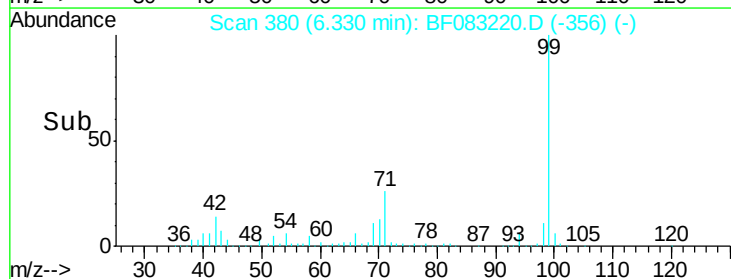
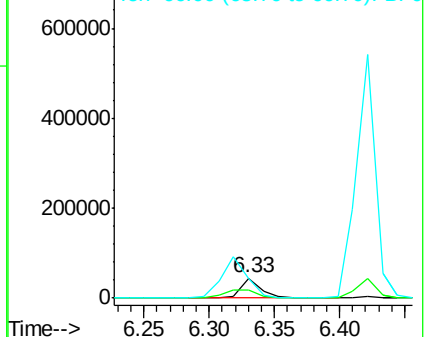
94 100

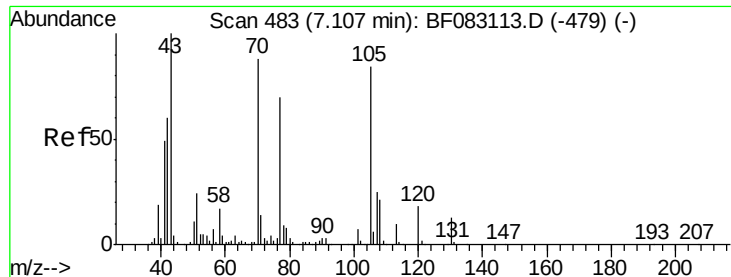
65 41.9 21.1 61.1

66 102.4 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

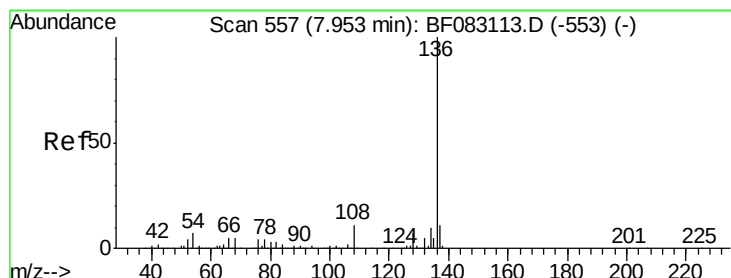
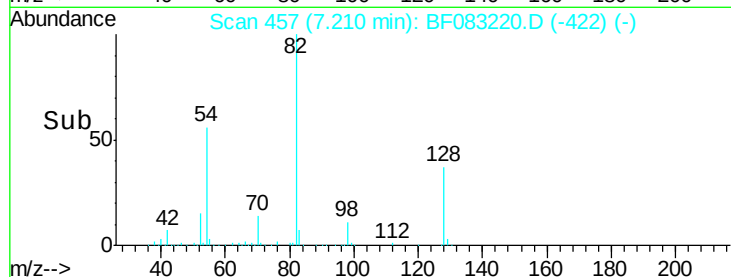
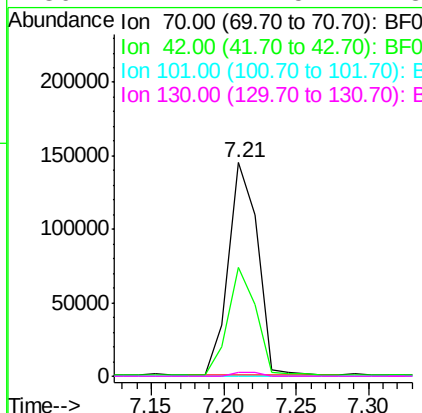
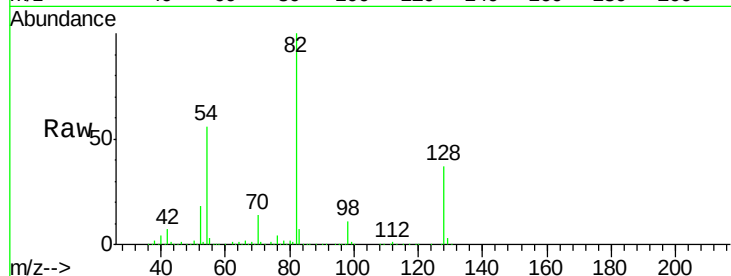




#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 7.21 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF083220.D
Acq: 23 Nov 2015 23:06

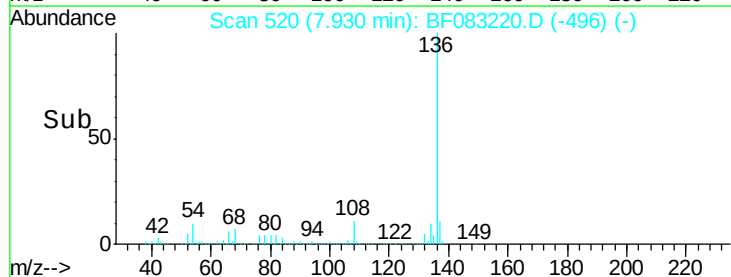
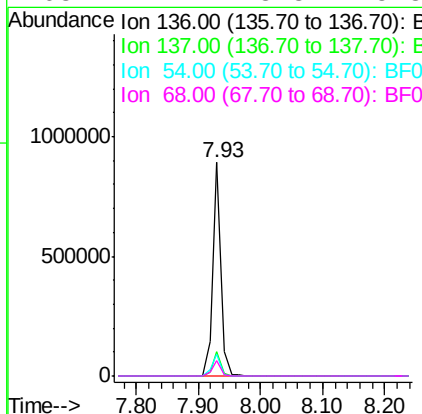
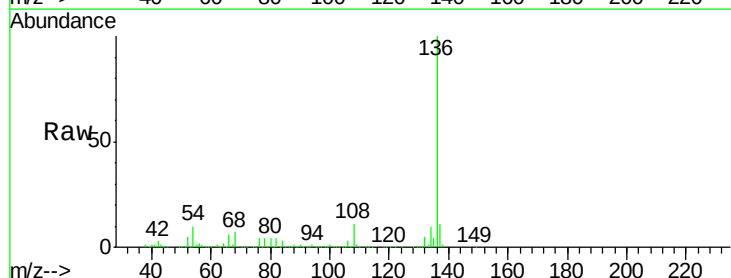
Instrument :
BNA_F
ClientSampleId :
SB-4

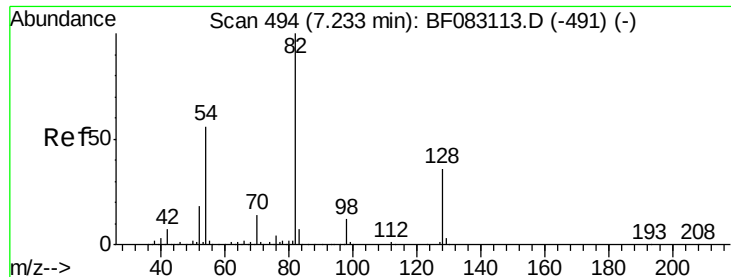
Tgt Ion: 70 Resp: 203351
Ion Ratio Lower Upper
70 100
42 51.2 54.5 81.7#
101 0.0 6.6 9.8#
130 1.7 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083220.D
Acq: 23 Nov 2015 23:06

Tgt Ion: 136 Resp: 797700
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 10.3 5.8 8.6#
68 7.4 3.8 5.8#

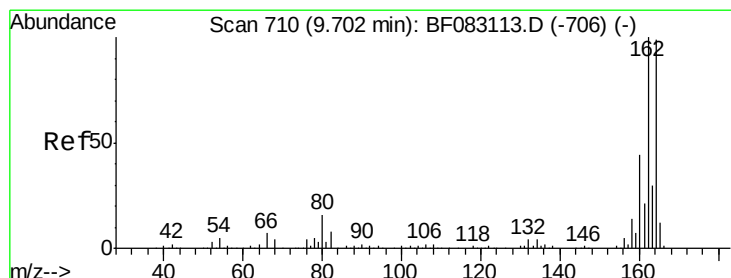
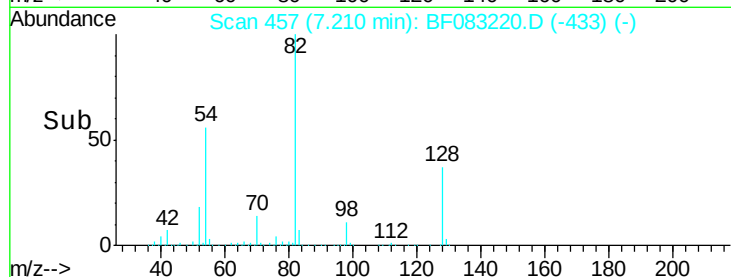
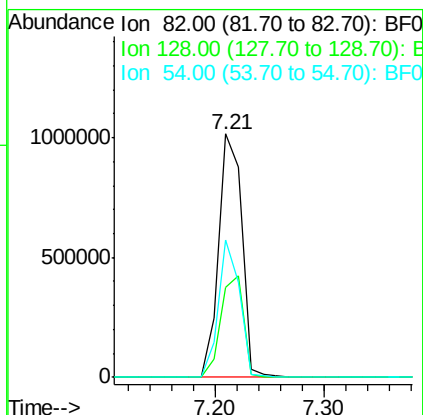
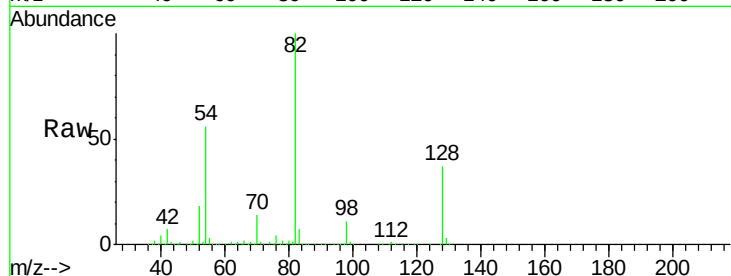




#23
 Nitrobenzene-d5
 Concen: 86.61 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083220.D
 Acq: 23 Nov 2015 23:06

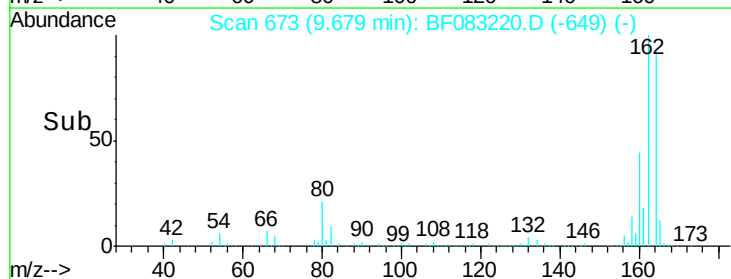
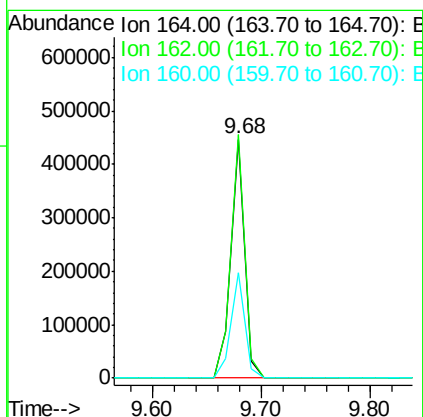
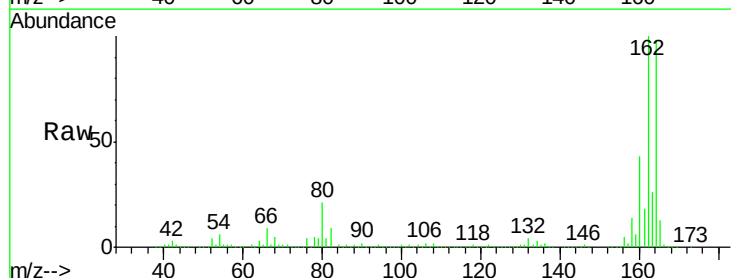
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

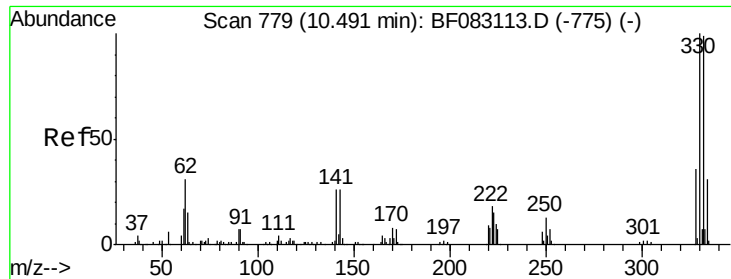
Tgt Ion: 82 Resp: 1511924
 Ion Ratio Lower Upper
 82 100
 128 36.8 28.5 42.7
 54 56.4 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083220.D
 Acq: 23 Nov 2015 23:06

Tgt Ion: 164 Resp: 391716
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.2 121.8
 160 44.3 35.6 53.4

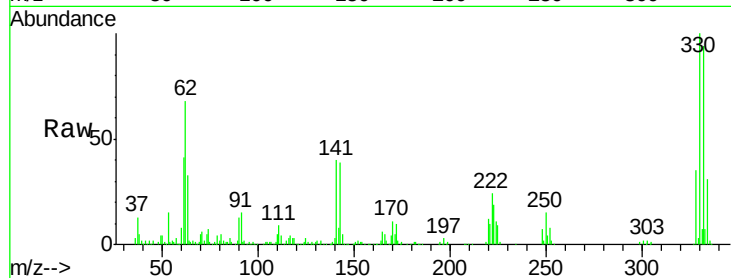




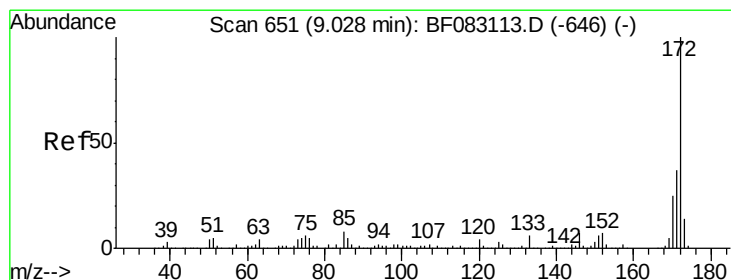
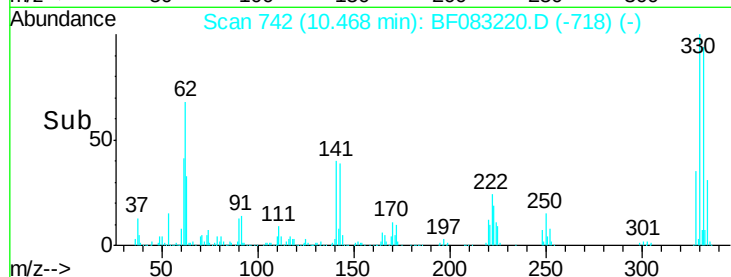
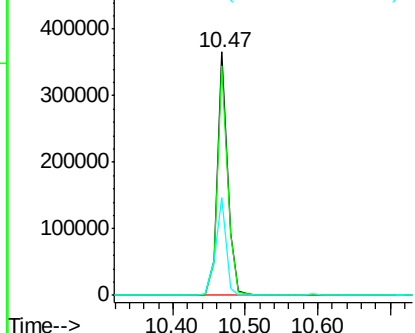
#41
 2,4,6-Tribromophenol
 Concen: 89.95 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083220.D
 Acq: 23 Nov 2015 23:06

Instrument :
 BNA_F
 ClientSampled :
 SB-4

Tgt Ion:330 Resp: 360480
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.7 116.5
 141 40.3 29.7 44.5

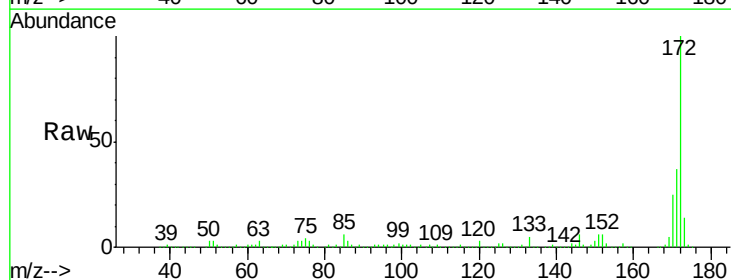


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

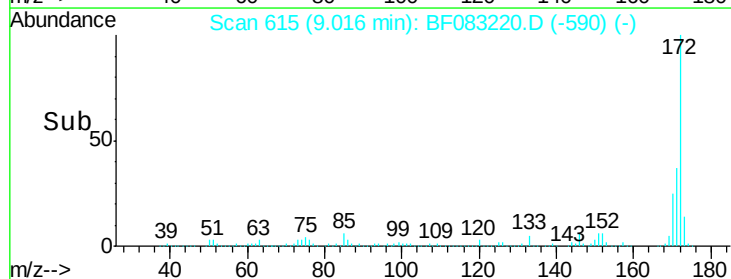
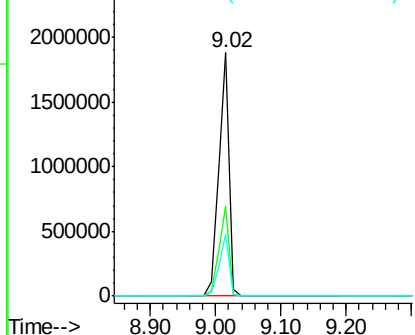


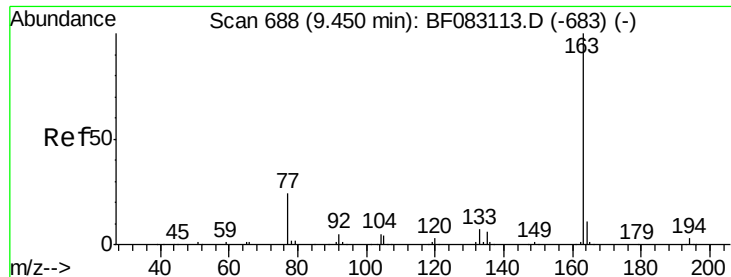
#44
 2-Fluorobiphenyl
 Concen: 75.83 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083220.D
 Acq: 23 Nov 2015 23:06

Tgt Ion:172 Resp: 2130286
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.5 44.3
 170 25.3 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: 23.64 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-4

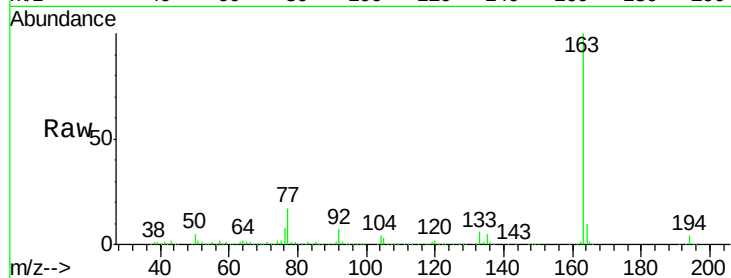
Tgt Ion:163 Resp: 712870

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

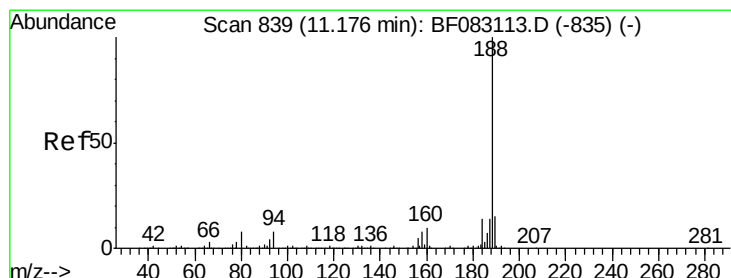
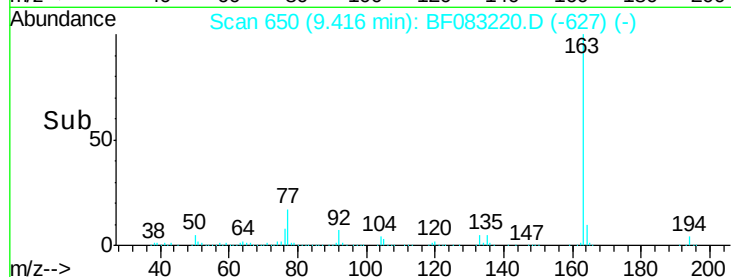
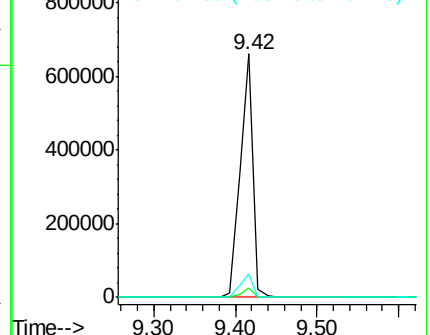
164 9.7 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

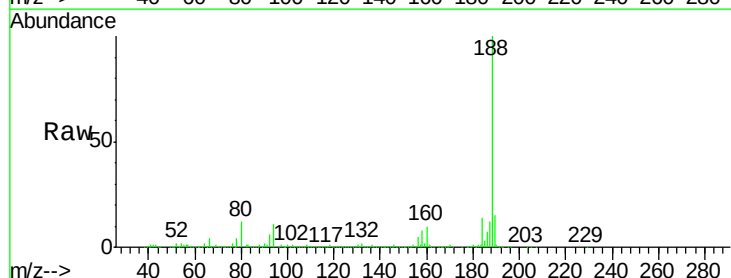
Tgt Ion:188 Resp: 618734

Ion Ratio Lower Upper

188 100

94 10.6 6.0 9.0#

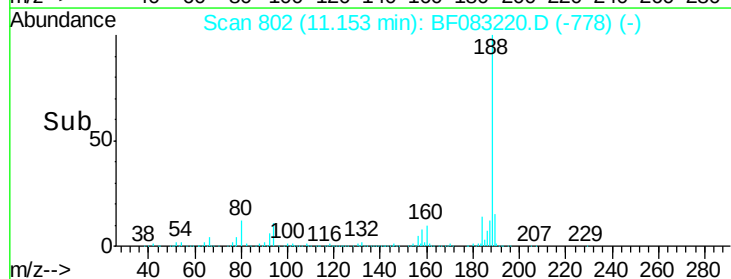
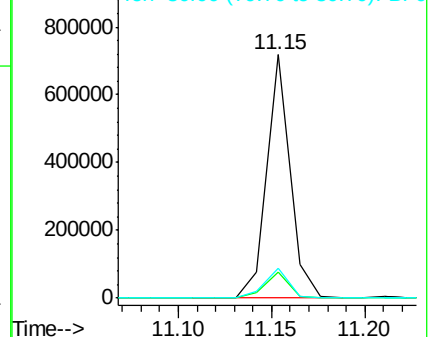
80 12.1 6.7 10.1#

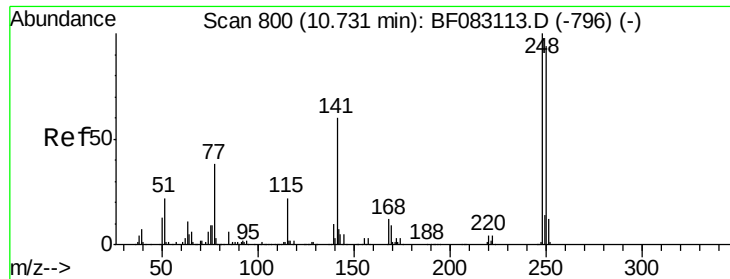


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

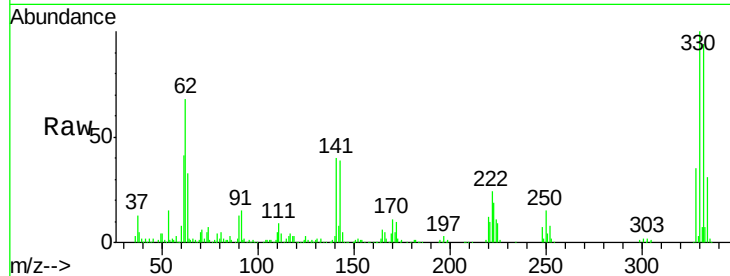




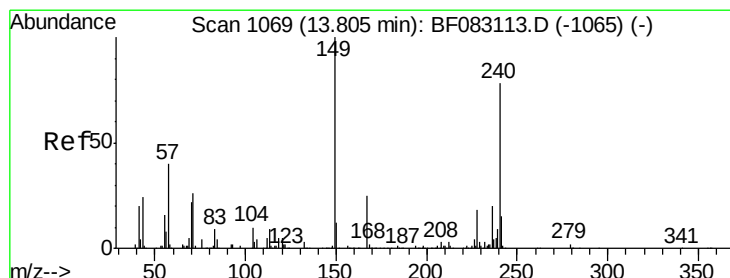
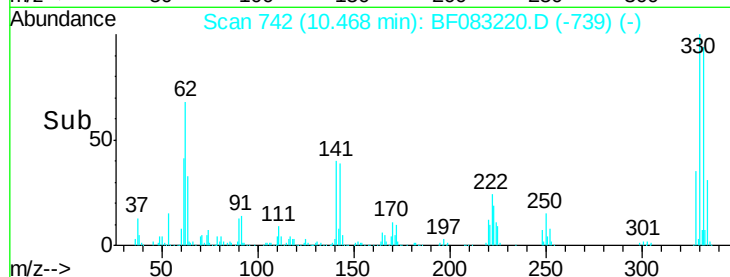
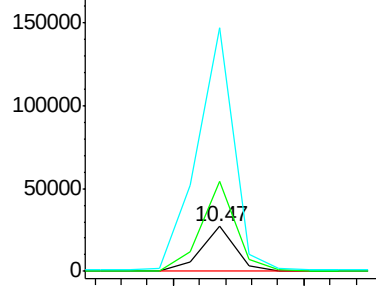
#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.26 min
 Lab File: BF083220.D
 Acq: 23 Nov 2015 23:06

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 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:248 Resp: 25150
 Ion Ratio Lower Upper
 248 100
 250 199.8 75.4 113.2#
 141 539.6 48.1 72.1#

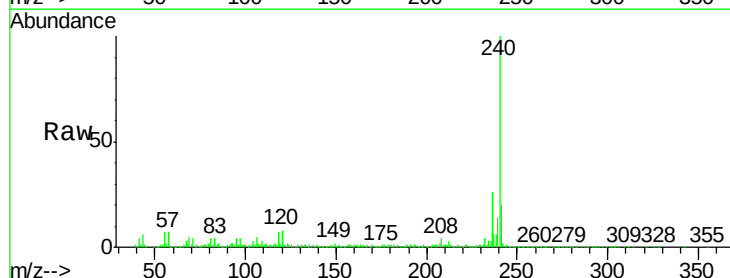


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

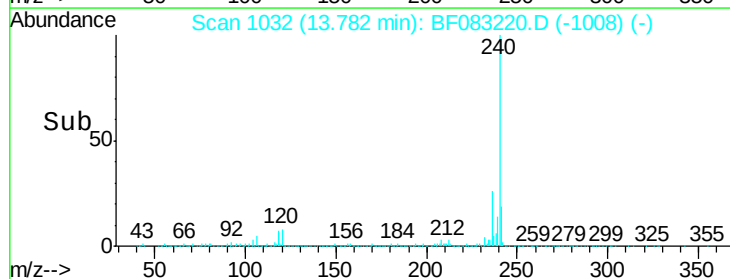
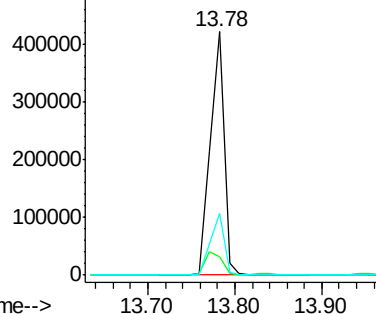


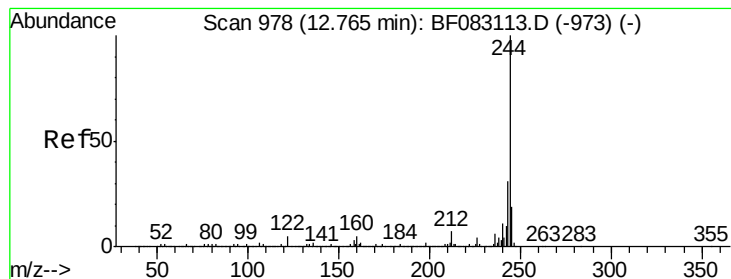
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083220.D
 Acq: 23 Nov 2015 23:06

Tgt Ion:240 Resp: 459168
 Ion Ratio Lower Upper
 240 100
 120 7.7 5.4 8.2
 236 25.6 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: 68.71 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

Instrument :

BNA_F

ClientSampleId :

SB-4

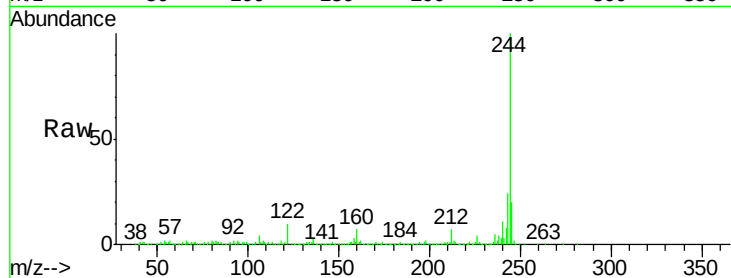
Tgt Ion:244 Resp: 1339696

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

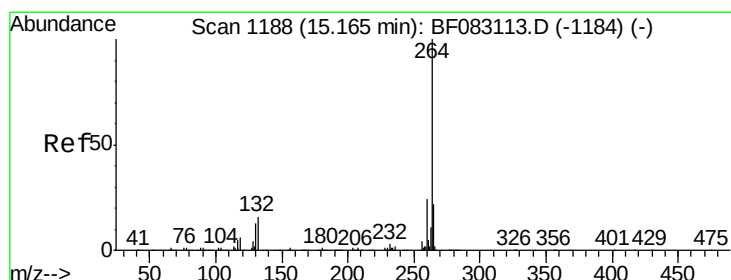
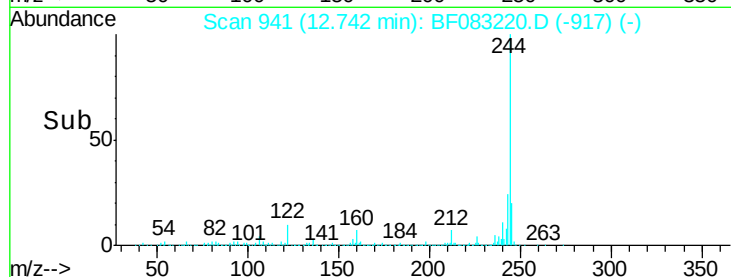
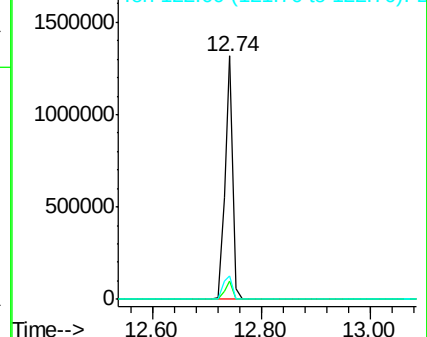
122 9.8 4.3 6.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083220.D

Acq: 23 Nov 2015 23:06

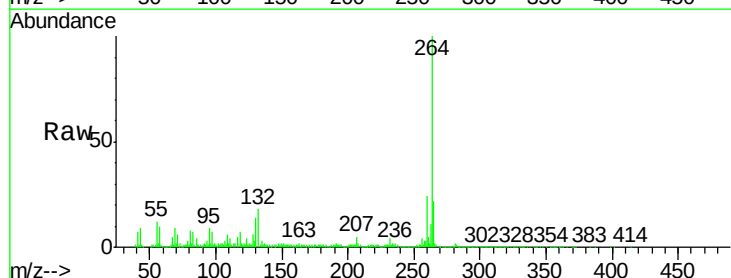
Tgt Ion:264 Resp: 380303

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.5 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

