

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083211.D
 Acq On : 23 Nov 2015 18:42
 Operator : UM/IZ
 Sample : G4437-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Nov 24 04:34:06 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

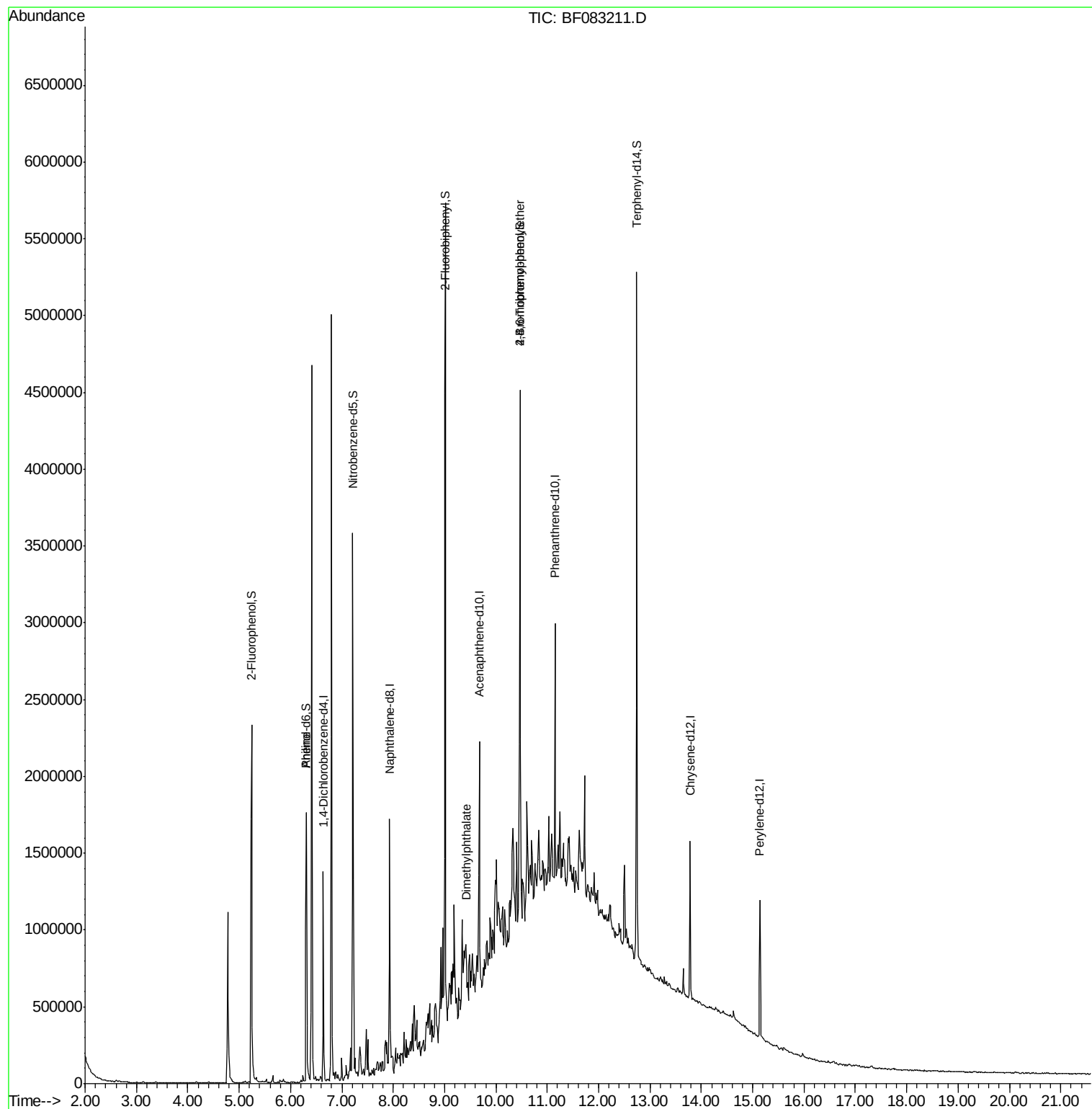
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	202159	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	746962	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	359643	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	613850	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	467047	20.00	ng	-0.02
86) Perylene-d12	15.14	264	402787	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	890443	66.59	ng	-0.03
7) Phenol-d6	6.31	99	757894	43.81	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1507222	92.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	462772	125.78	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2410715	93.47	ng	-0.01
78) Terphenyl-d14	12.74	244	1470560	74.15	ng	-0.02
Target Compounds						
6) Aniline	6.31	93	55064	2.60	ng	# 25
9) Benzaldehyde	6.31	77	1914	Below Cal		# 4
49) Dimethylphthalate	9.42	163	73026	2.64	ng	# 95
66) 4-Bromophenyl-phenylether	10.47	248	32125	4.72	ng	# 1

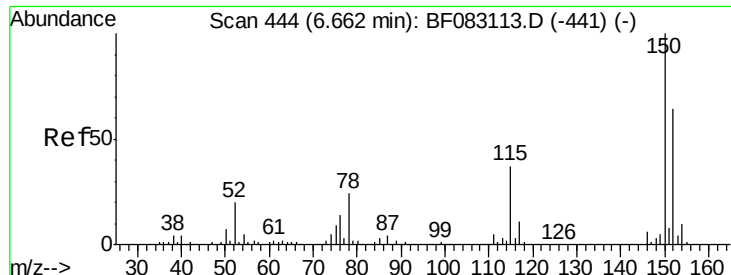
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 04:34:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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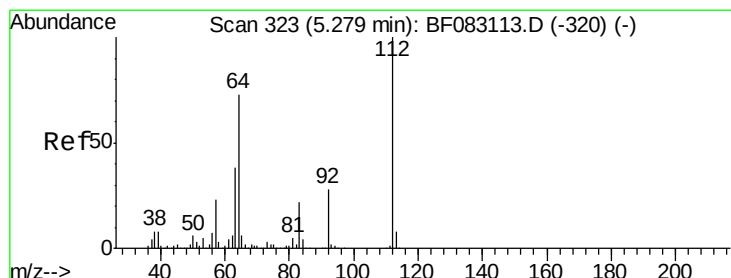
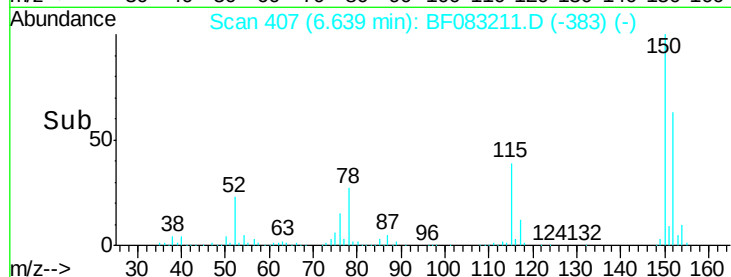
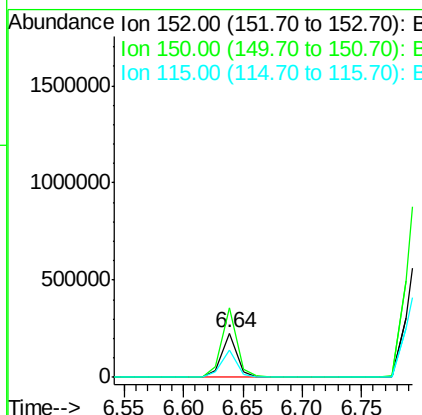
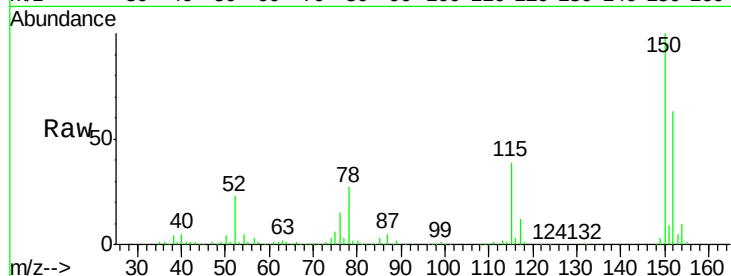




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

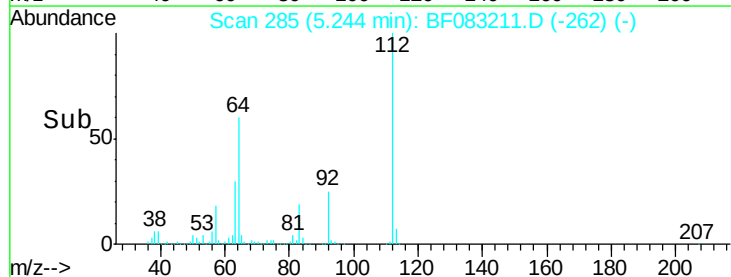
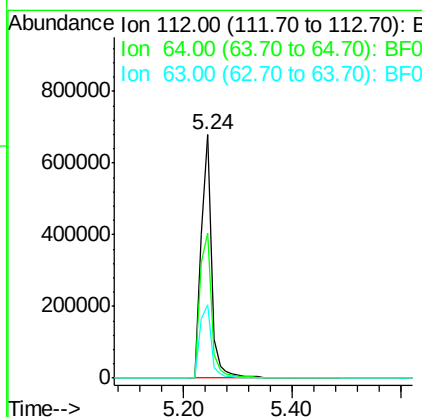
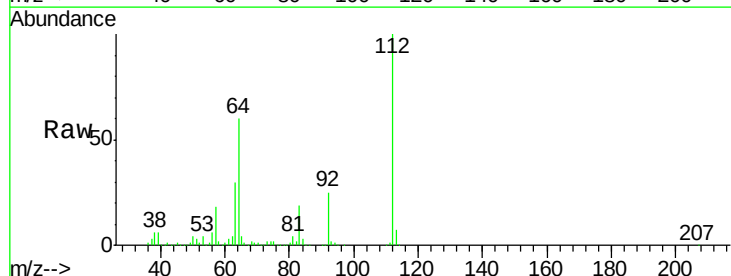
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

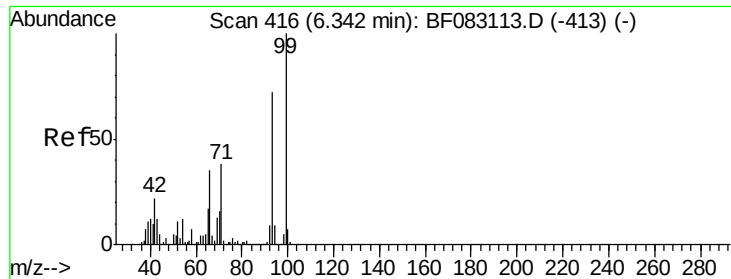
Tgt Ion:152 Resp: 202159
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.8 188.8
 115 62.0 46.9 70.3



#5
 2-Fluorophenol
 Concen: 66.59 ng
 RT: 5.24 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

Tgt Ion:112 Resp: 890443
 Ion Ratio Lower Upper
 112 100
 64 59.8 58.4 87.6
 63 30.2 30.0 45.0





#6

Aniline

Concen: 2.60 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083211.D

Acq: 23 Nov 2015 18:42

Instrument :

BNA_F

ClientSampleId :

MW-27

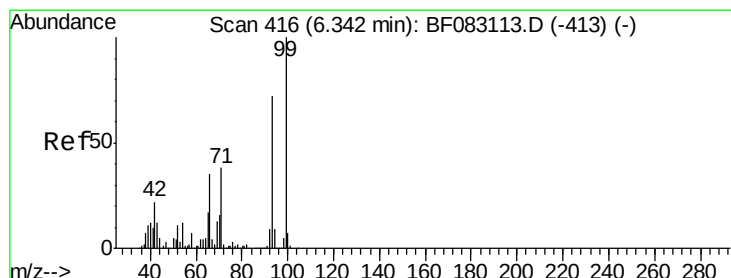
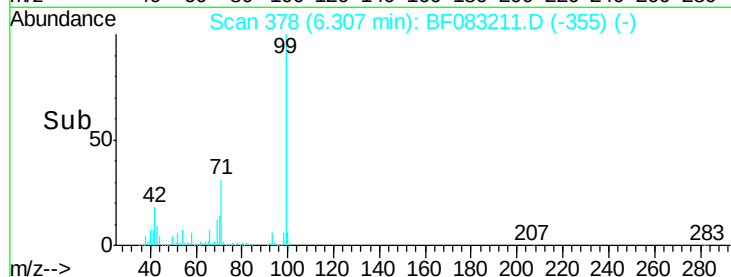
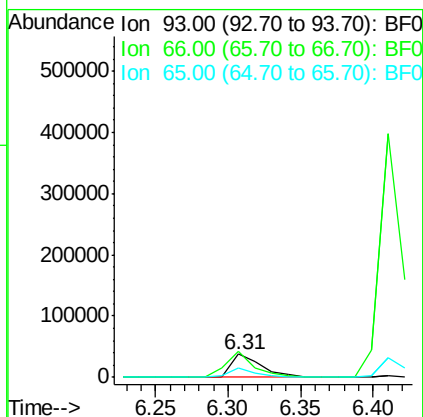
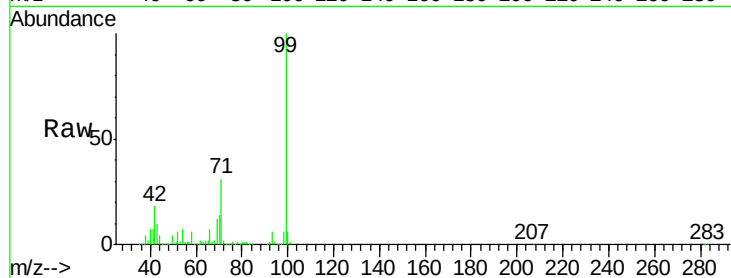
Tgt Ion: 93 Resp: 55064

Ion Ratio Lower Upper

93 100

66 112.4 38.7 58.1#

65 40.5 18.6 27.8#



#7

Phenol-d6

Concen: 43.81 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083211.D

Acq: 23 Nov 2015 18:42

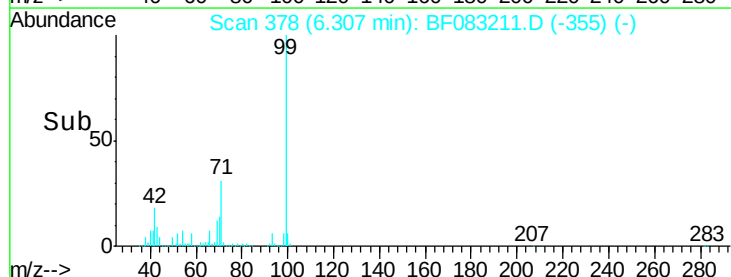
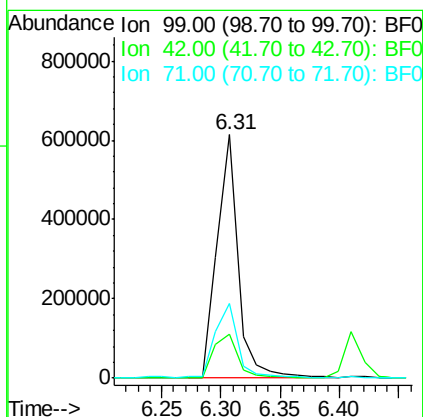
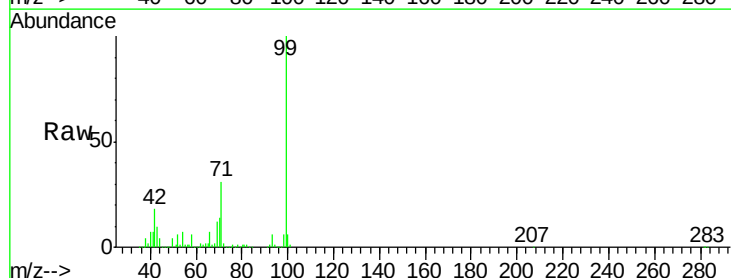
Tgt Ion: 99 Resp: 757894

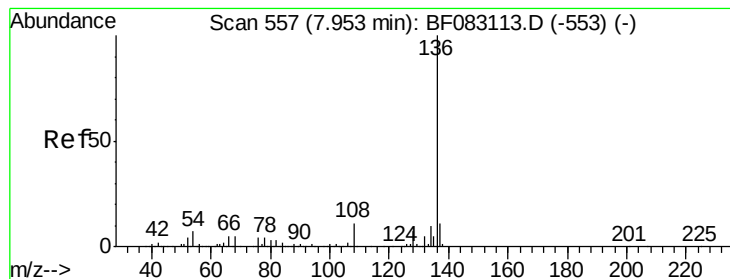
Ion Ratio Lower Upper

99 100

42 18.1 17.7 26.5

71 30.6 30.2 45.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083211.D

Acq: 23 Nov 2015 18:42

Instrument :

BNA_F

ClientSampleId :

MW-27

Tgt Ion:136 Resp: 746962

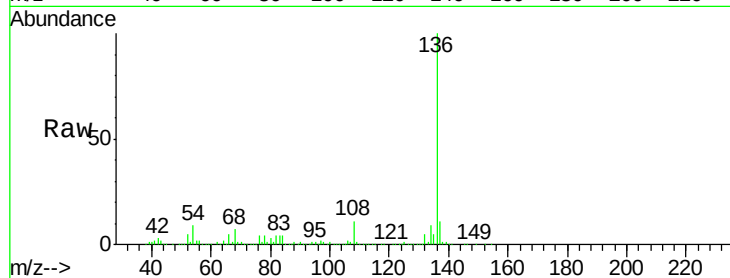
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.8 5.8 8.6#

68 6.8 3.8 5.8#

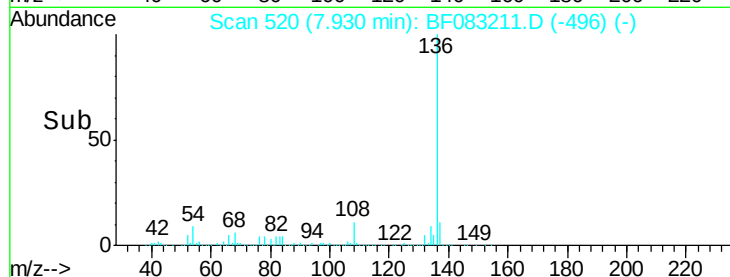


Abundance Ion 136.00 (135.70 to 136.70): E

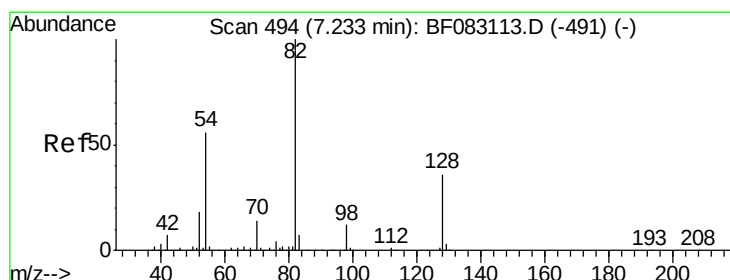
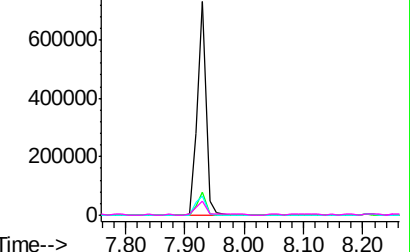
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 92.20 ng

RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083211.D

Acq: 23 Nov 2015 18:42

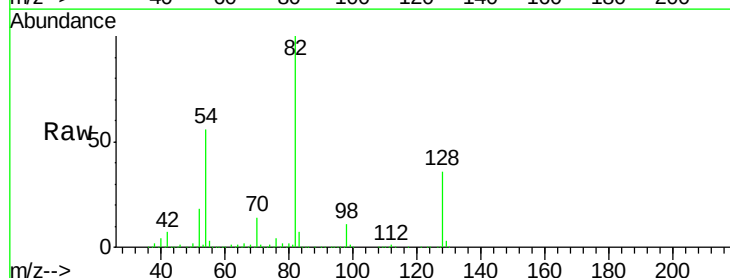
Tgt Ion: 82 Resp: 1507222

Ion Ratio Lower Upper

82 100

128 36.4 28.5 42.7

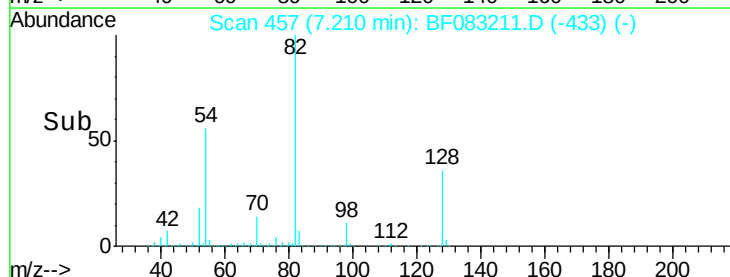
54 55.8 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

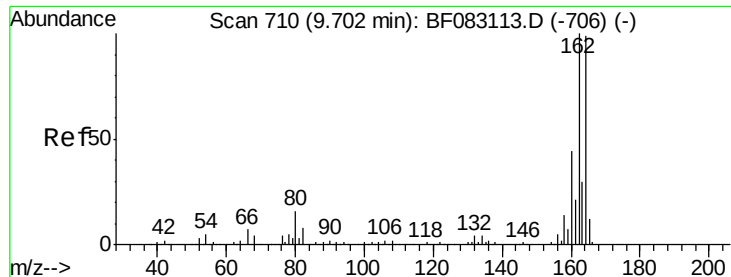
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

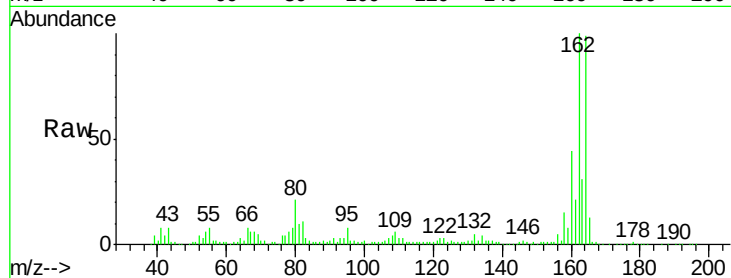




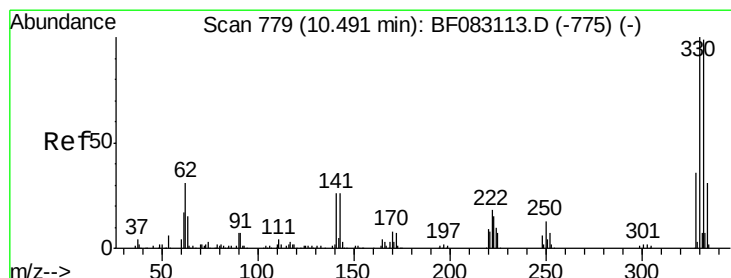
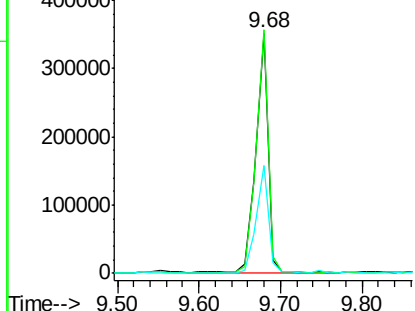
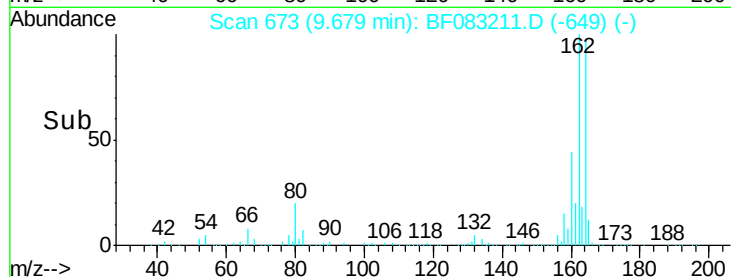
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion:164 Resp: 359643
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.2 121.8
 160 44.9 35.6 53.4

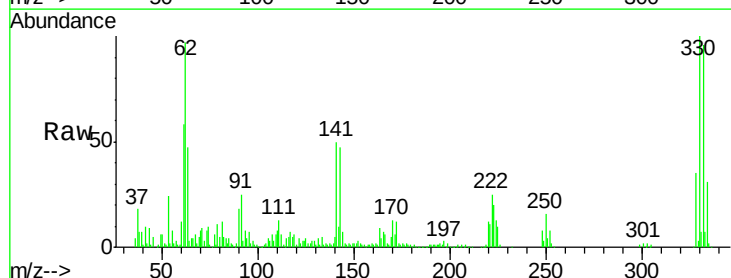


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

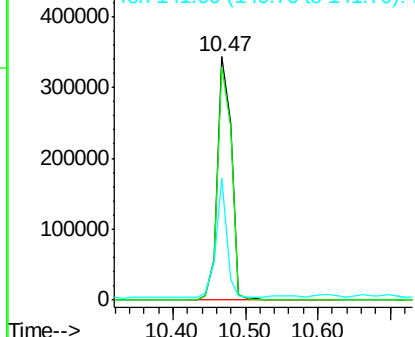
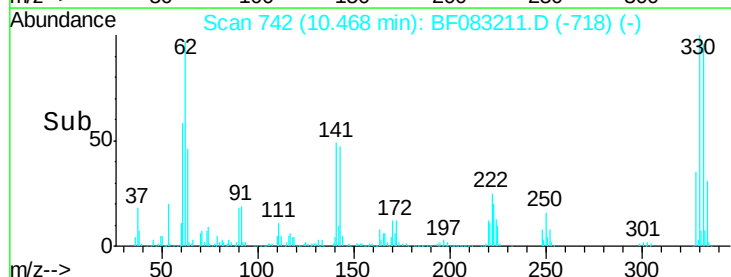


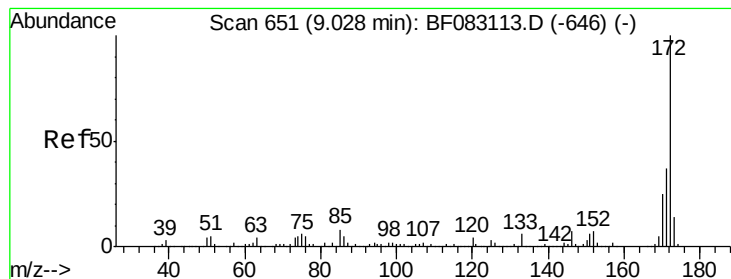
#41
 2,4,6-Tribromophenol
 Concen: 125.78 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

Tgt Ion:330 Resp: 462772
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.7 116.5
 141 37.5 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

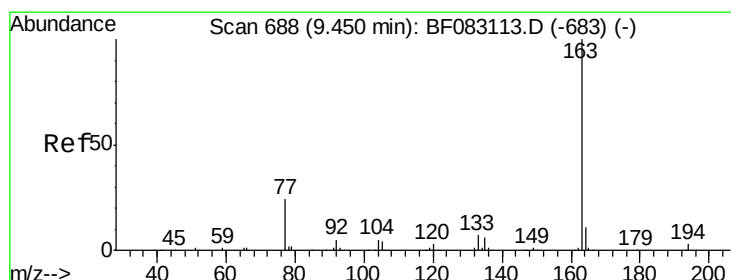
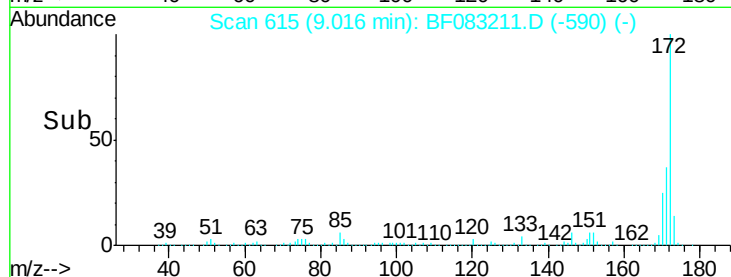
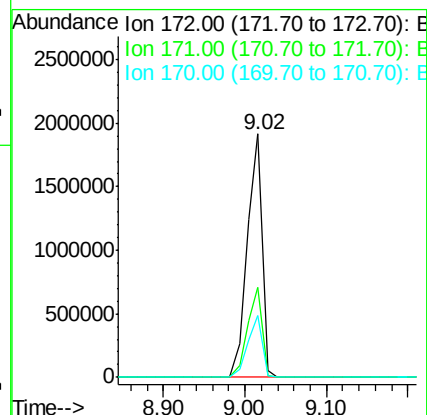
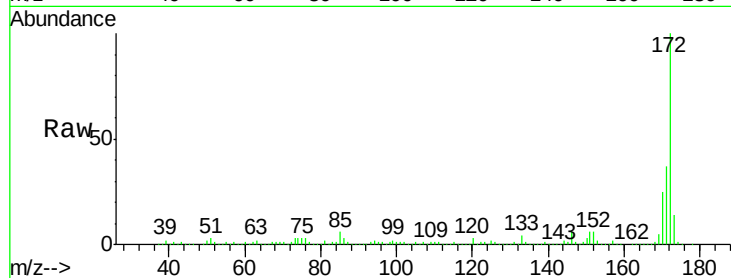




#44
 2-Fluorobiphenyl
 Concen: 93.47 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

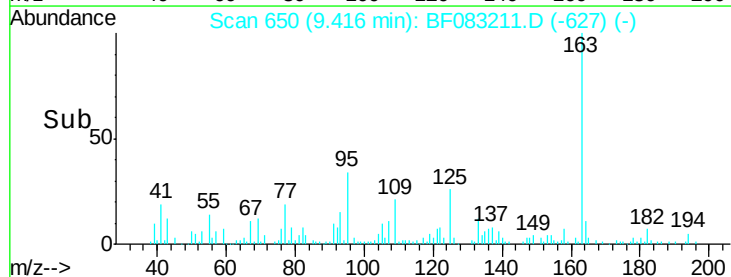
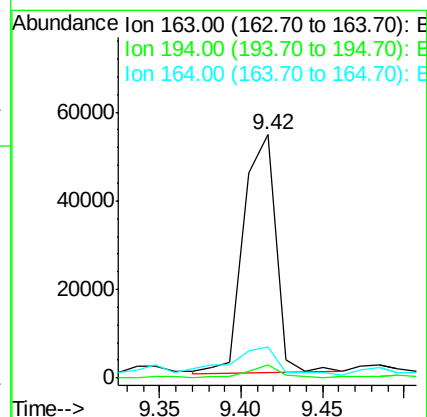
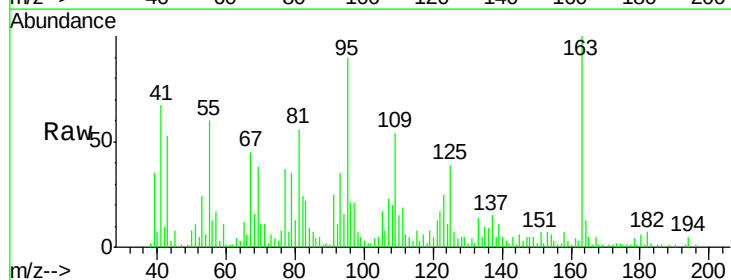
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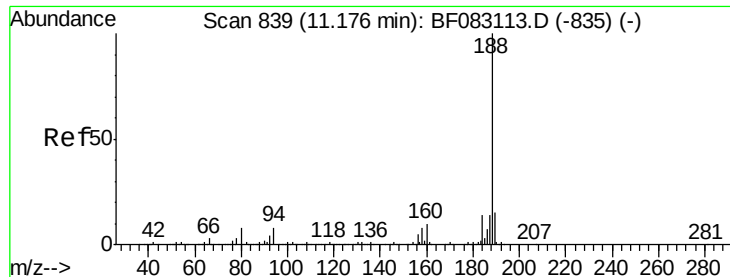
Tgt Ion:172 Resp: 2410715
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 25.4 19.9 29.9



#49
 Dimethylphthalate
 Concen: 2.64 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

Tgt Ion:163 Resp: 73026
 Ion Ratio Lower Upper
 163 100
 194 5.4 2.6 4.0#
 164 12.6 8.6 12.8

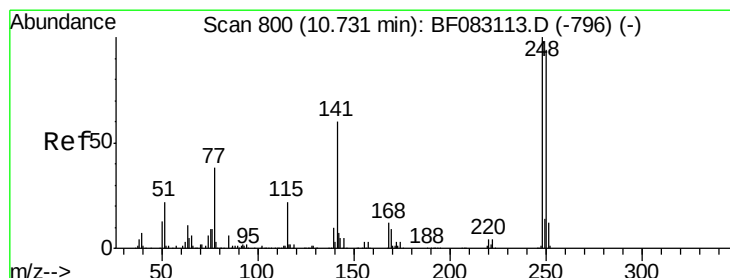
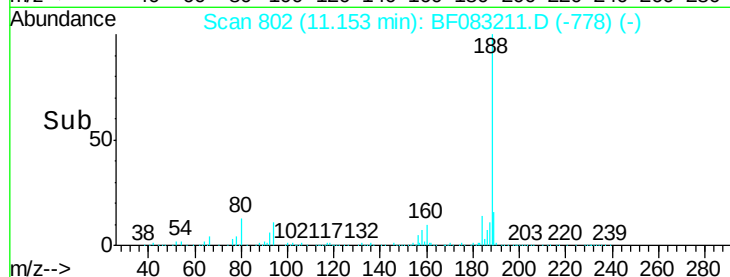
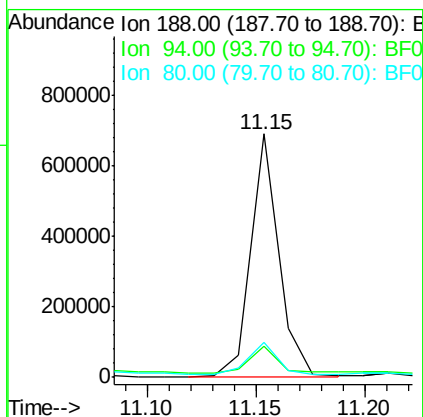
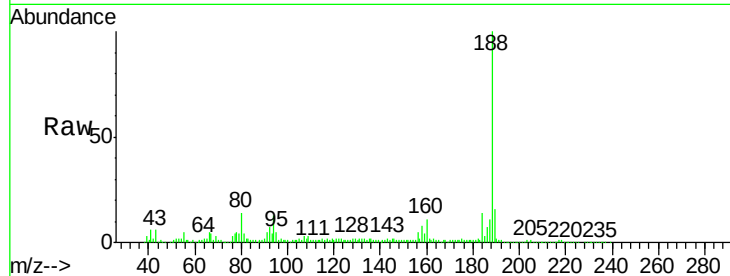




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083211.D
Acq: 23 Nov 2015 18:42

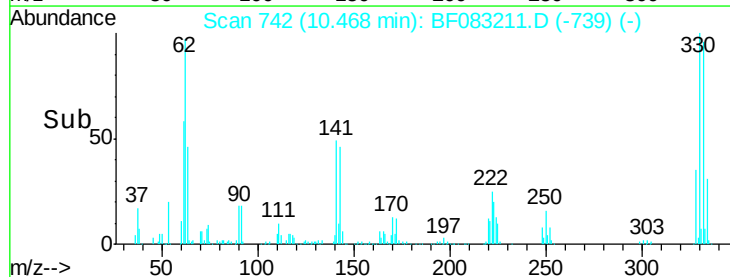
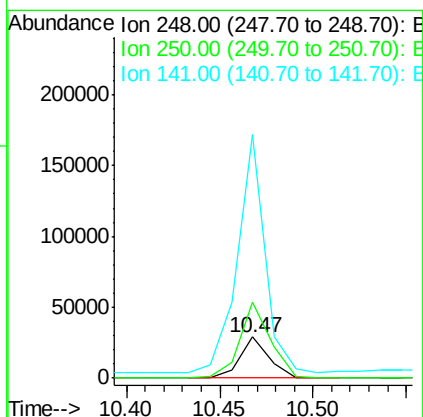
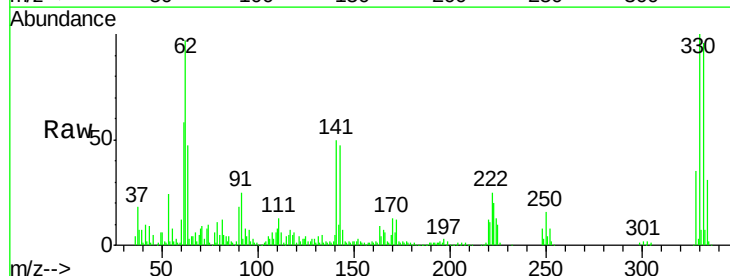
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BNA_F
ClientSampleId :
MW-27

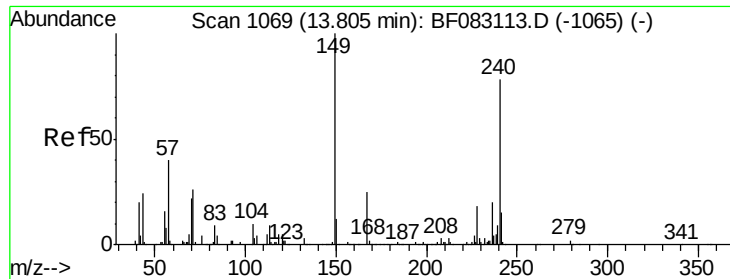
Tgt Ion:188 Resp: 613850
Ion Ratio Lower Upper
188 100
94 12.9 6.0 9.0#
80 14.4 6.7 10.1#



#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083211.D
Acq: 23 Nov 2015 18:42

Tgt Ion:248 Resp: 32125
Ion Ratio Lower Upper
248 100
250 184.3 75.4 113.2#
141 594.4 48.1 72.1#

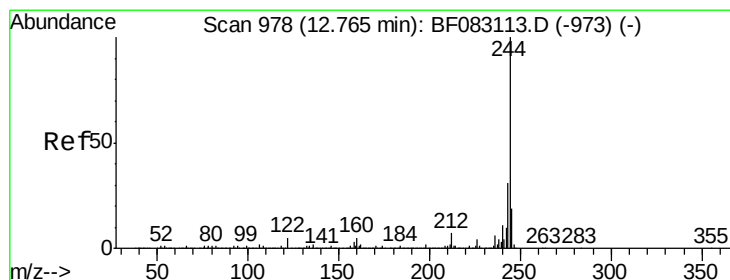
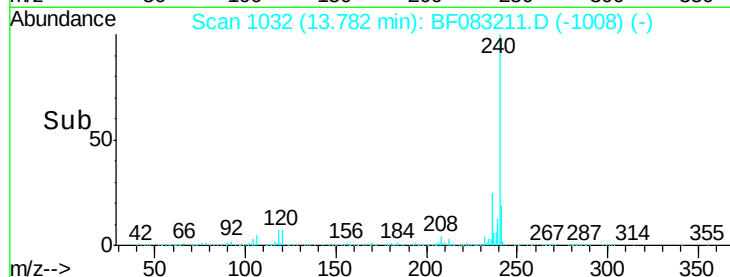
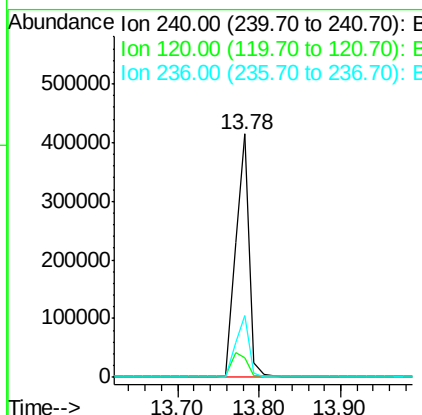
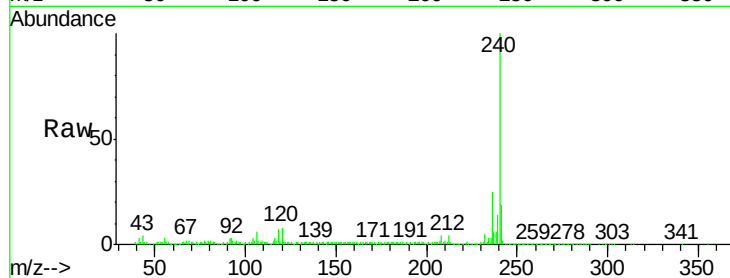




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

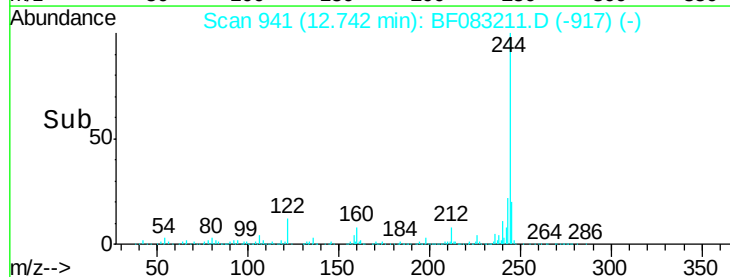
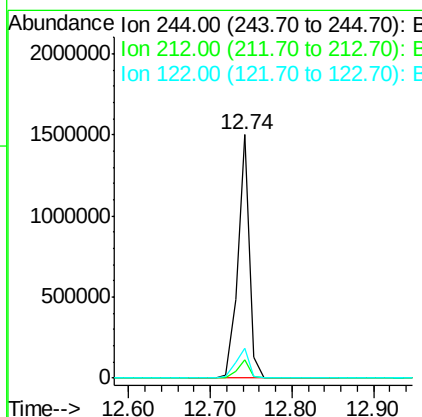
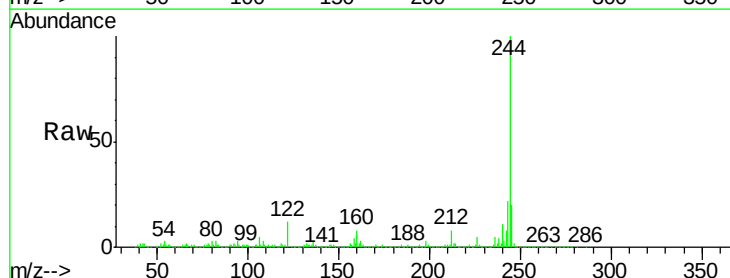
Instrument :
 BNA_F
 ClientSampled :
 MW-27

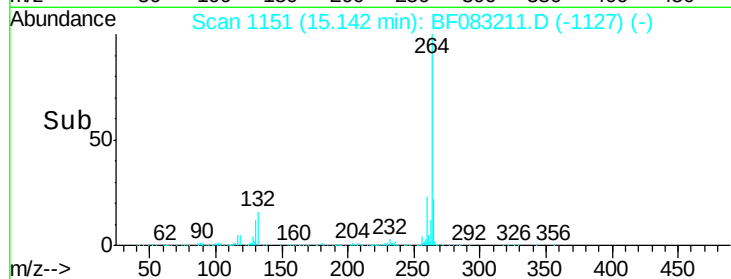
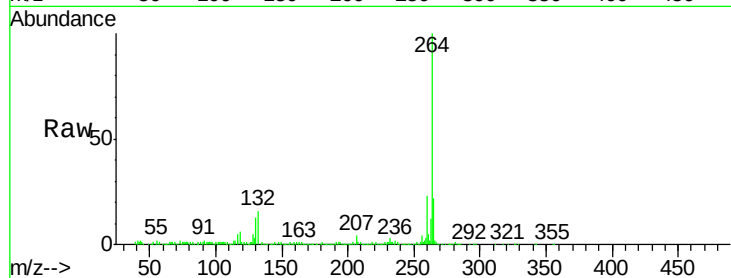
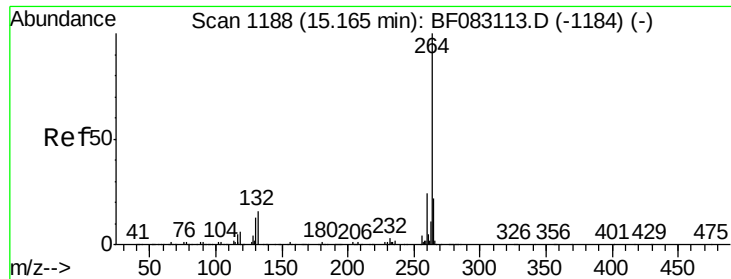
Tgt Ion:240 Resp: 467047
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.4 8.2
 236 25.3 20.6 31.0



#78
 Terphenyl-d14
 Concen: 74.15 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083211.D
 Acq: 23 Nov 2015 18:42

Tgt Ion:244 Resp: 1470560
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 12.3 4.3 6.5#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083211.D

Acq: 23 Nov 2015 18:42

Instrument :

BNA_F

ClientSampleId :

MW-27

Tgt Ion: 264 Resp: 402787

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.8 18.2 27.4

