

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083490.D
 Acq On : 4 Dec 2015 6:31
 Operator : UM/IZ
 Sample : G4588-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Dec 04 07:58:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

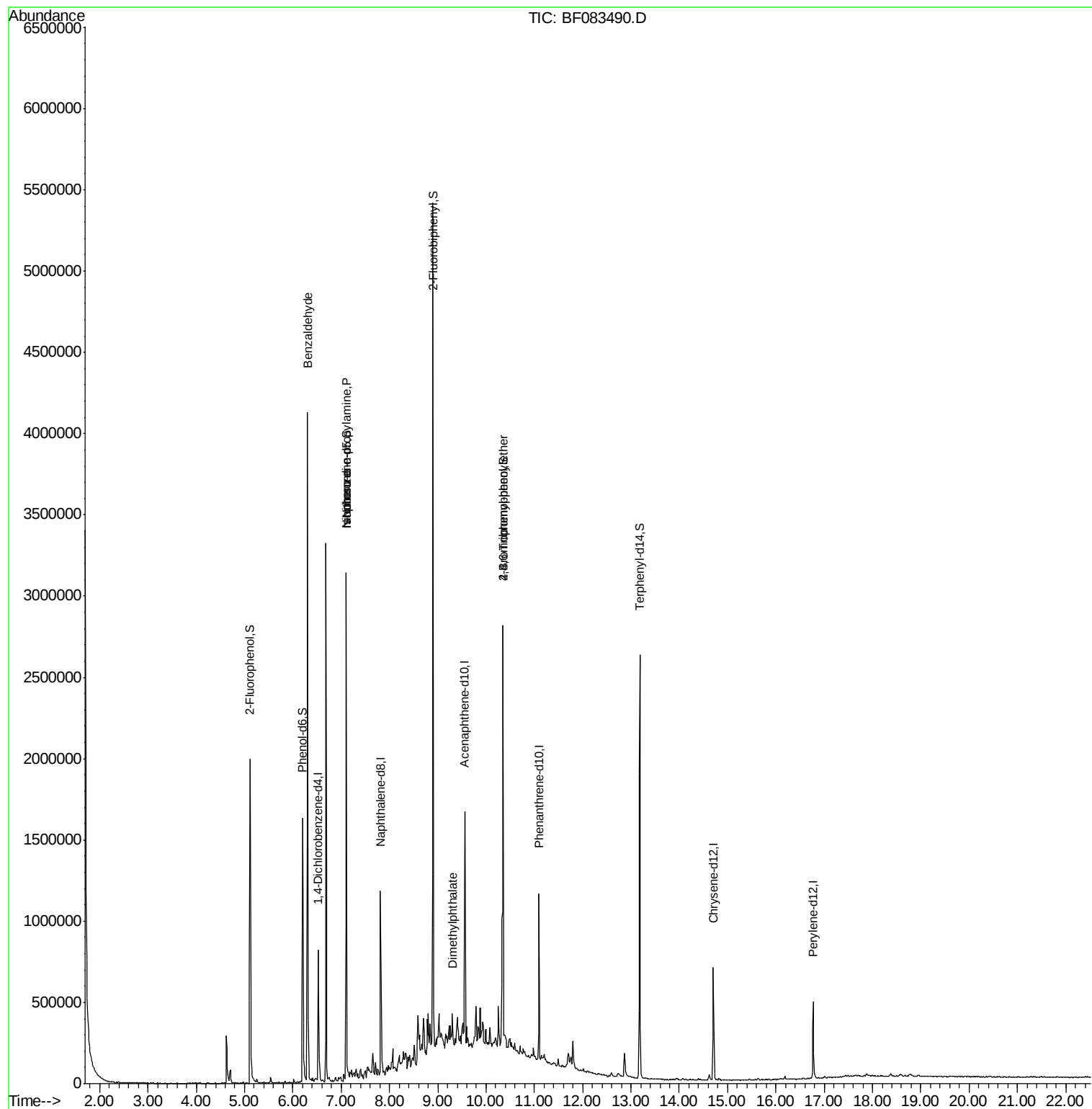
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	155340	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	563252	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	277773	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	411152	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	340520	20.00	ng	-0.06
86) Perylene-d12	16.77	264	266278	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	684267	66.10	ng	-0.01
7) Phenol-d6	6.20	99	625935	44.18	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1096541	85.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	286864	102.88	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1565429	80.31	ng	-0.02
78) Terphenyl-d14	13.19	244	1187102	83.14	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	28810	2.40	ng	# 81
19) n-Nitroso-di-n-propylamine	7.10	70	152829	15.09	ng	# 81
25) Isophorone	7.10	82	851996	34.33	ng	# 70
49) Dimethylphthalate	9.30	163	55167	2.44	ng	# 91
66) 4-Bromophenyl-phenylether	10.35	248	20111	4.47	ng	# 1

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

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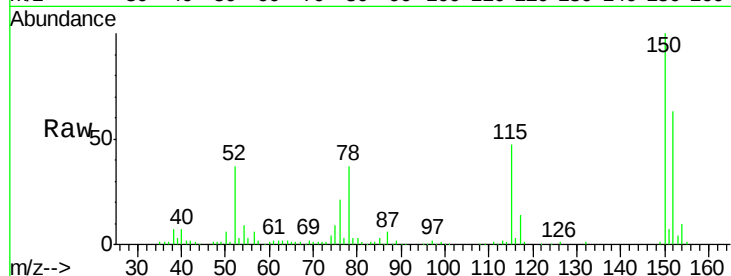




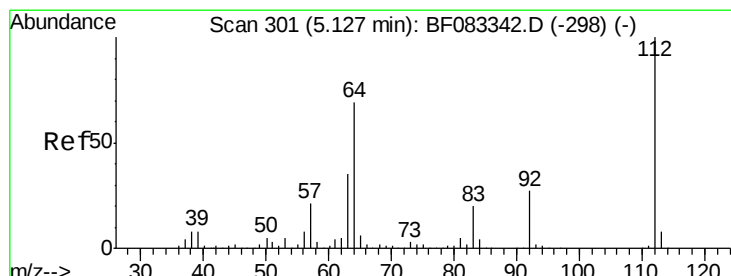
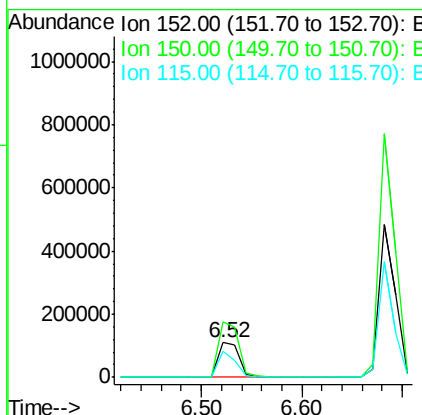
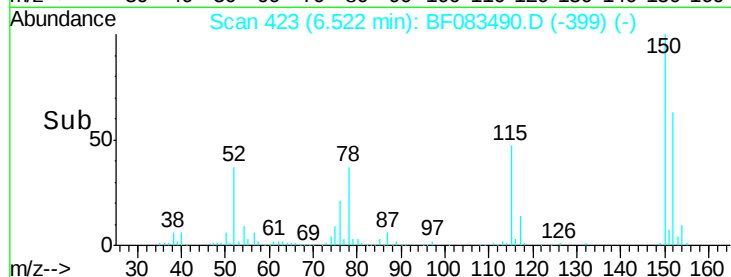
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:152 Resp: 155340
 Ion Ratio Lower Upper
 152 100
 150 158.1 129.8 194.8
 115 73.8 59.2 88.8

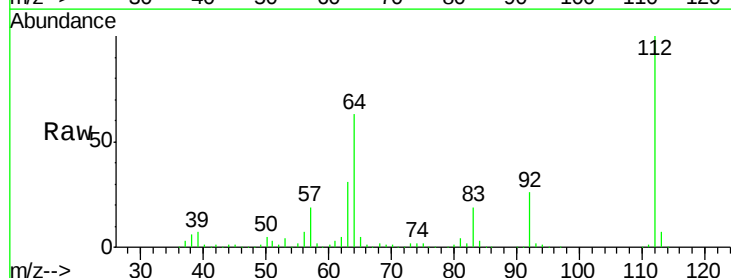


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

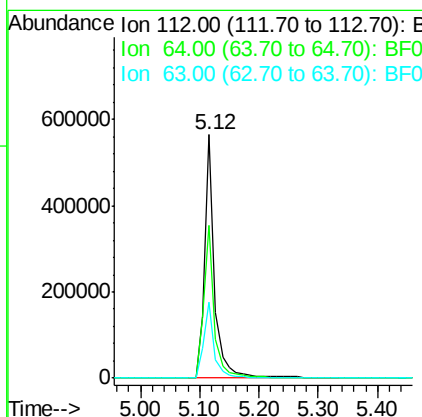
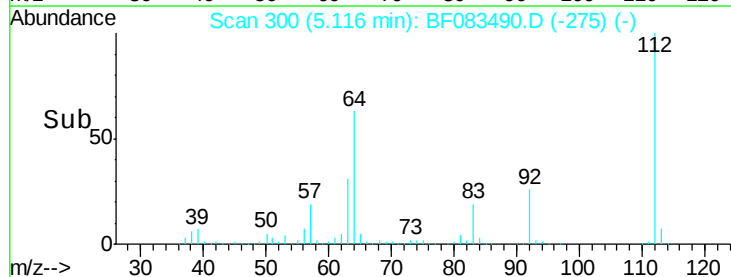


#5
 2-Fluorophenol
 Concen: 66.10 ng
 RT: 5.12 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Tgt Ion:112 Resp: 684267
 Ion Ratio Lower Upper
 112 100
 64 62.6 55.6 83.4
 63 31.4 28.2 42.2



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: 44.18 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

Instrument :

BNA_F

ClientSampleId :

MW-20

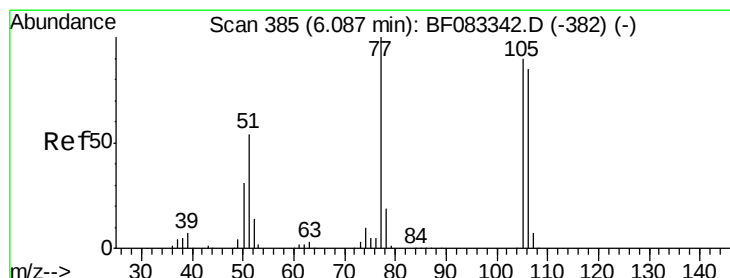
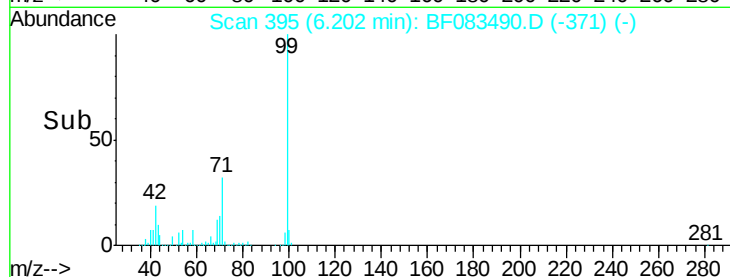
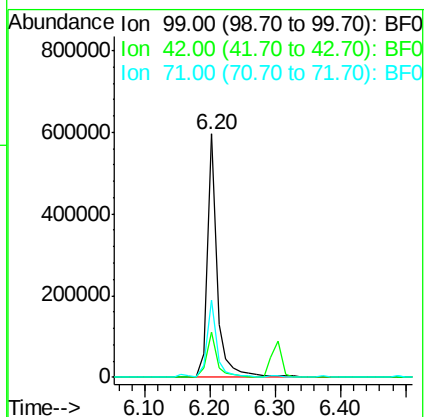
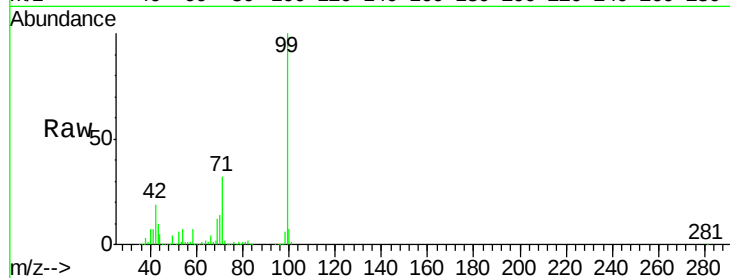
Tgt Ion: 99 Resp: 625935

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

71 32.0 24.7 37.1



#9

Benzaldehyde

Concen: 2.40 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

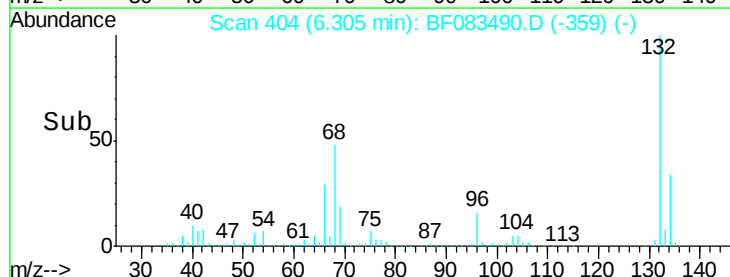
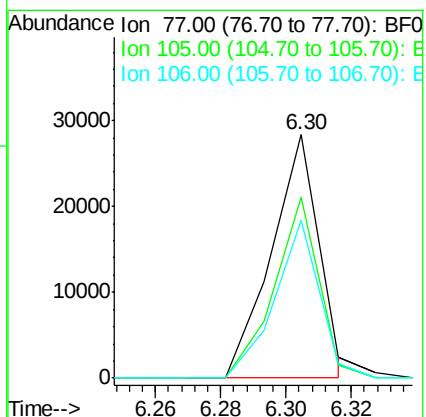
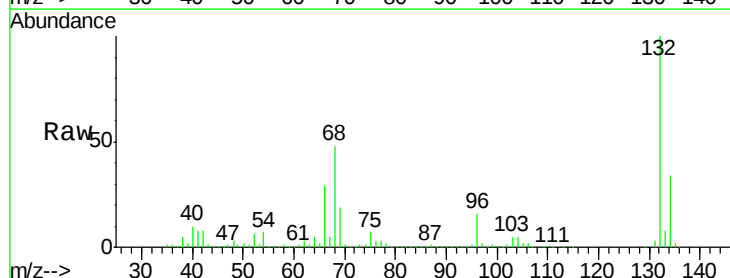
Tgt Ion: 77 Resp: 28810

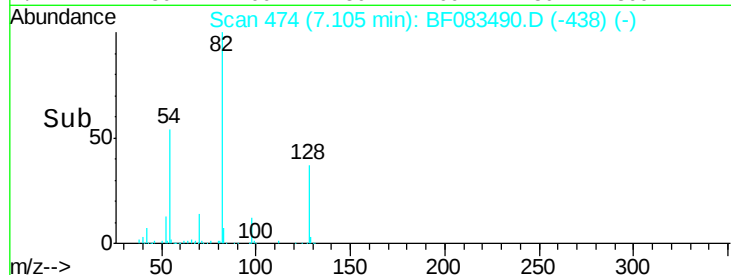
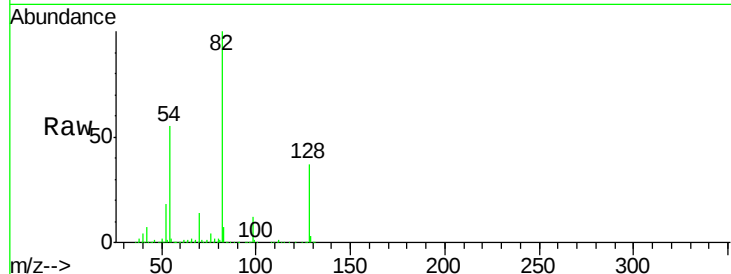
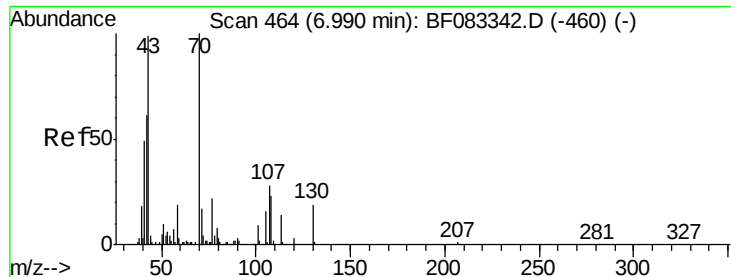
Ion Ratio Lower Upper

77 100

105 74.1 70.0 110.0

106 64.9 65.0 105.0#

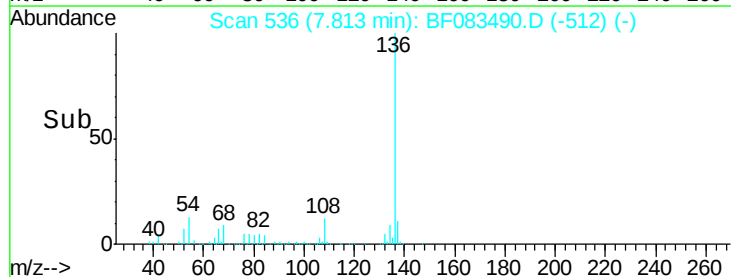
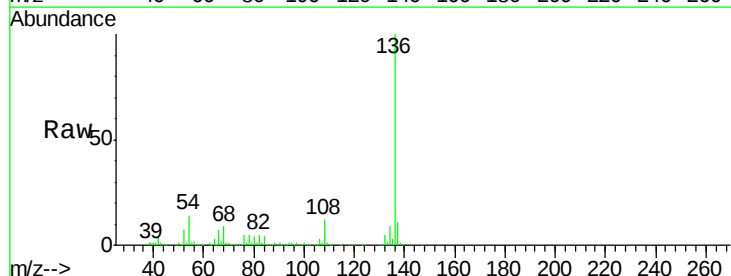
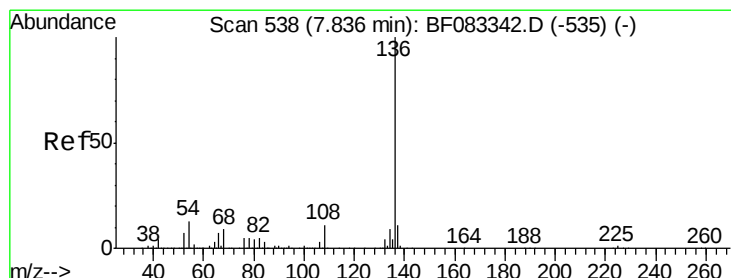
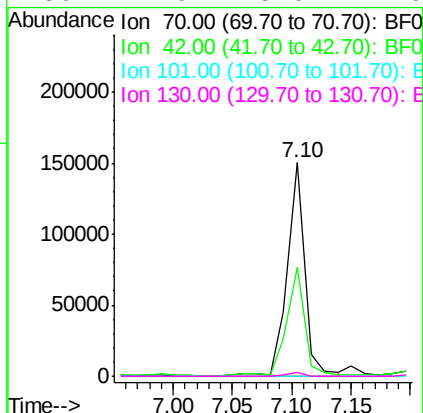




#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

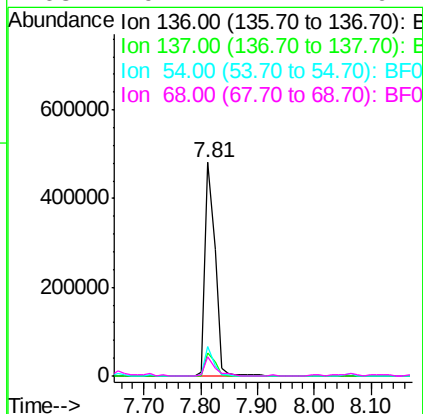
Instrument :
BNA_F
ClientSampleId :
MW-20

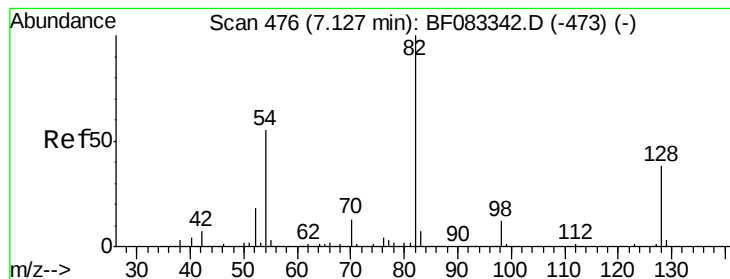
Tgt Ion: 70 Resp: 152829
Ion Ratio Lower Upper
70 100
42 51.1 48.8 73.2
101 0.0 7.1 10.7#
130 1.9 15.0 22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Tgt Ion: 136 Resp: 563252
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 13.9 10.1 15.1
68 9.2 7.1 10.7





#23

Nitrobenzene-d5

Concen: 85.58 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

Instrument :

BNA_F

ClientSampleId :

MW-20

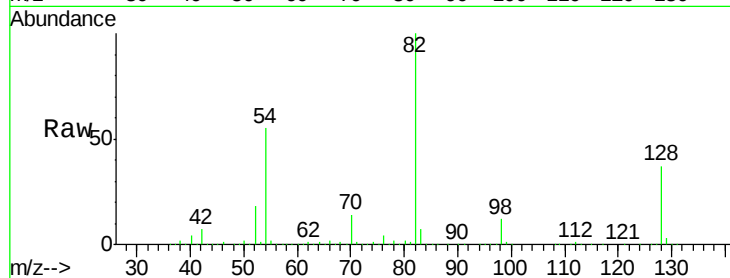
Tgt Ion: 82 Resp: 1096541

Ion Ratio Lower Upper

82 100

128 37.4 30.6 46.0

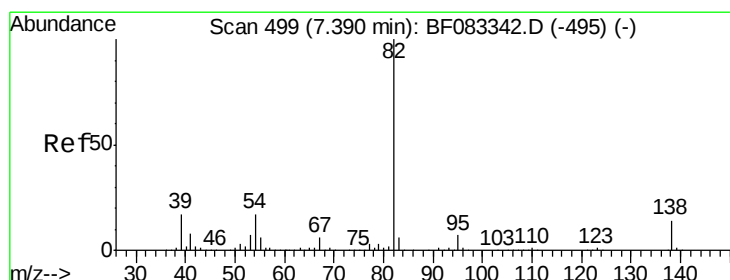
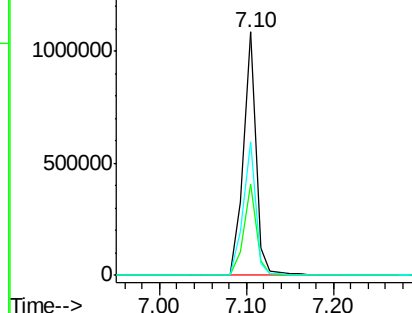
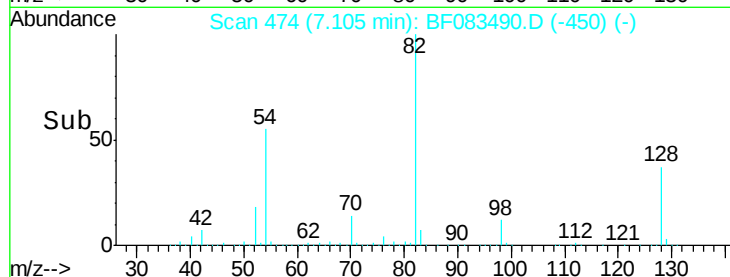
54 55.1 43.8 65.6



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



#25

Isophorone

Concen: 34.33 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF083490.D

Acq: 4 Dec 2015 6:31

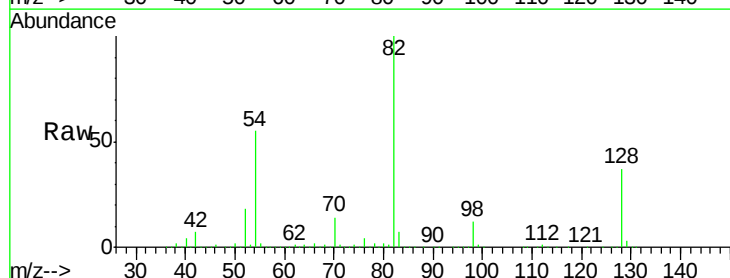
Tgt Ion: 82 Resp: 851996

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

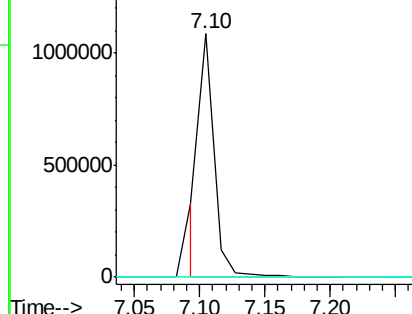
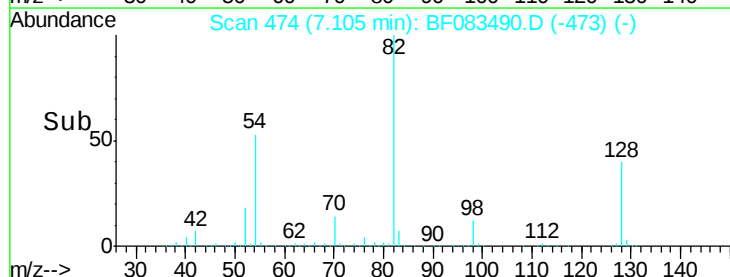
138 0.0 11.6 17.4#

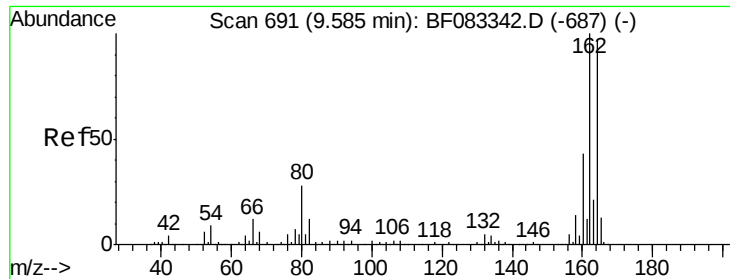


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

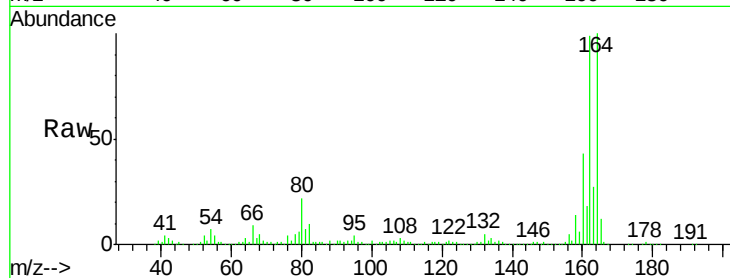




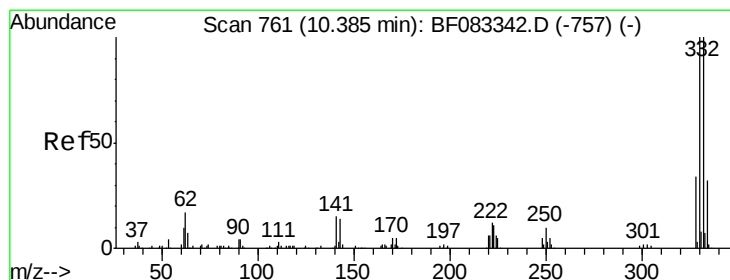
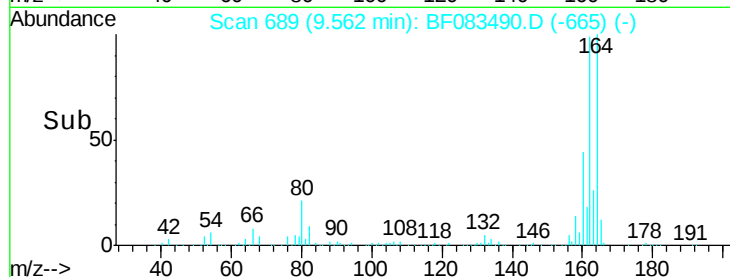
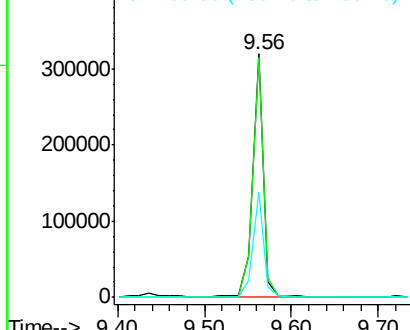
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:164 Resp: 277773
Ion Ratio Lower Upper
164 100
162 98.7 82.6 123.8
160 43.2 35.3 52.9

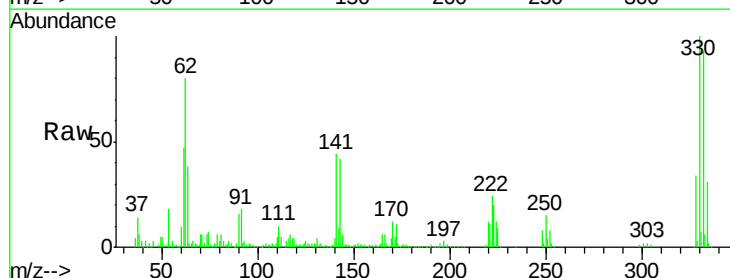


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

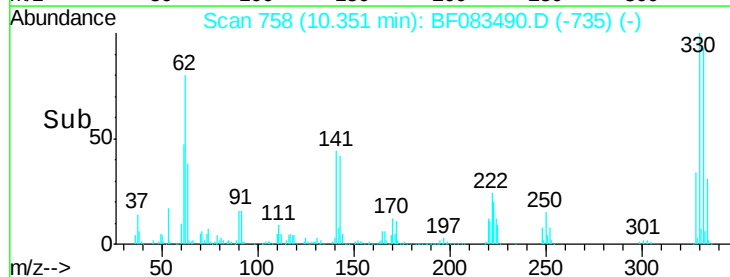
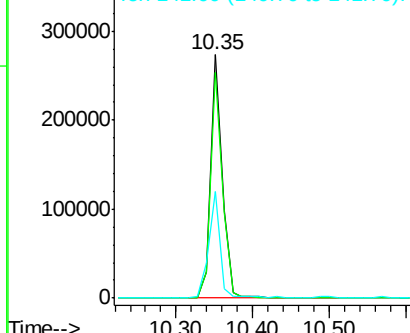


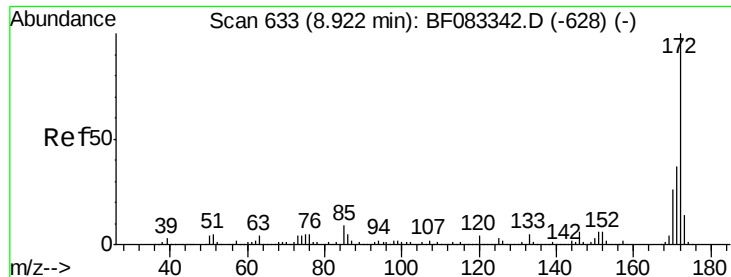
#41
2,4,6-Tribromophenol
Concen: 102.88 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Tgt Ion:330 Resp: 286864
Ion Ratio Lower Upper
330 100
332 94.2 77.8 116.6
141 41.2 29.4 44.0



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

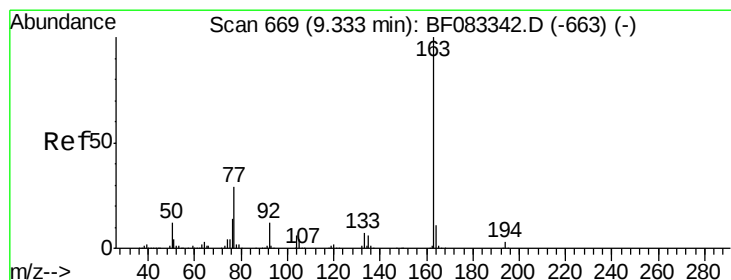
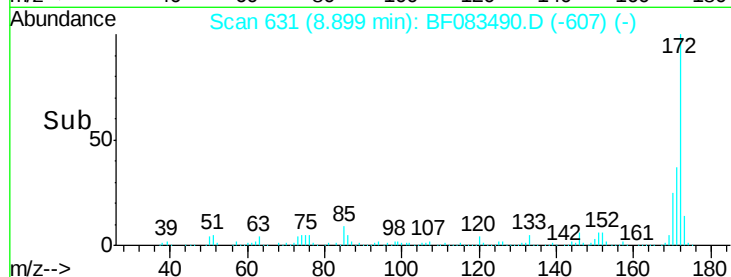
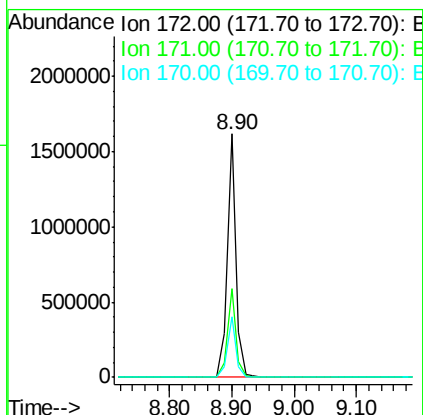
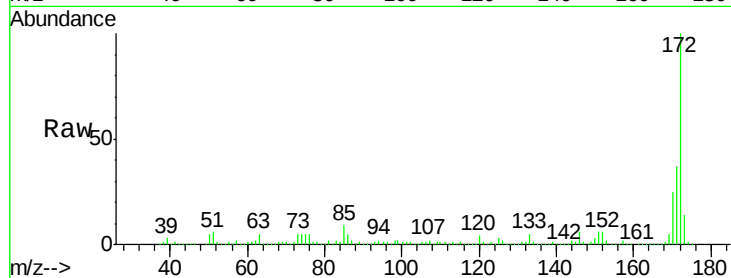




#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

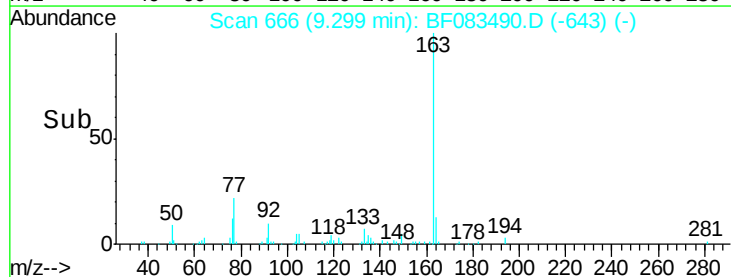
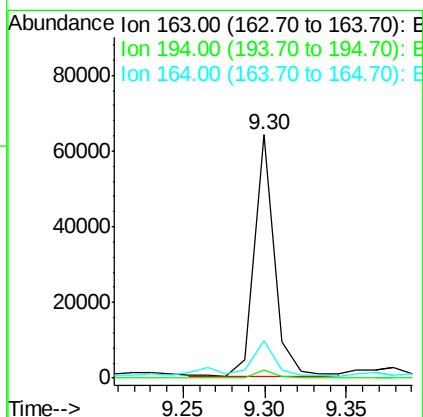
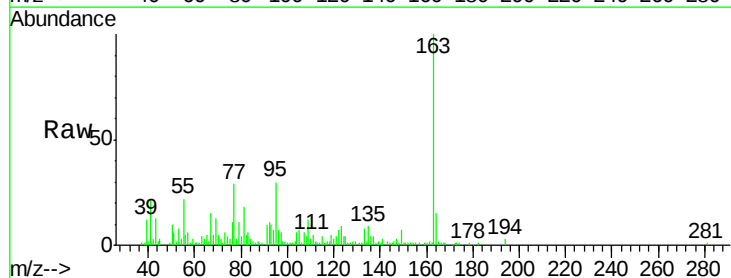
Instrument :
 BNA_F
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 MW-20

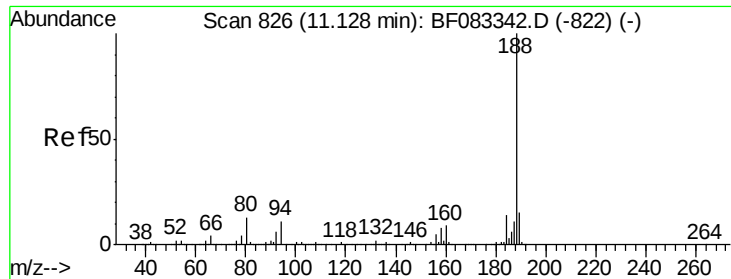
Tgt Ion:172 Resp: 1565429
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 20.4 30.6



#49
 Dimethylphthalate
 Concen: 2.44 ng
 RT: 9.30 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF083490.D
 Acq: 4 Dec 2015 6:31

Tgt Ion:163 Resp: 55167
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 15.2 8.8 13.2#

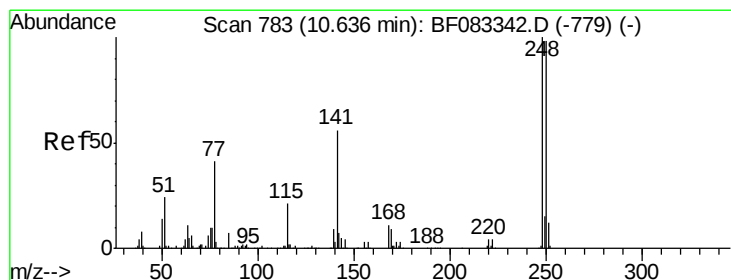
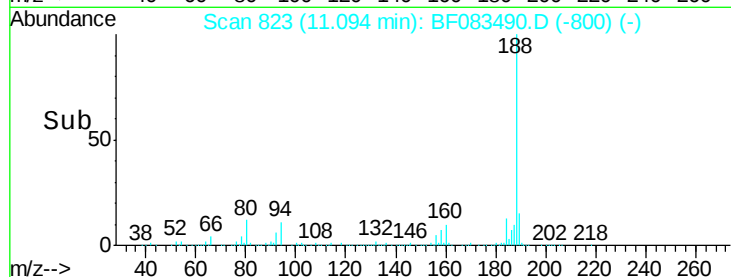
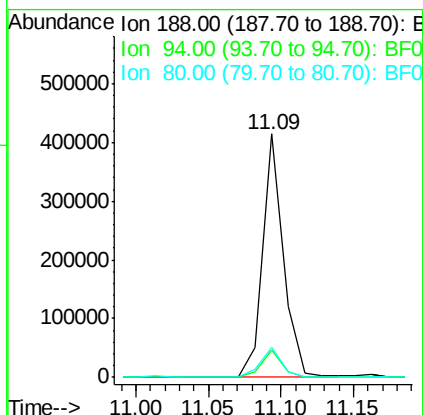
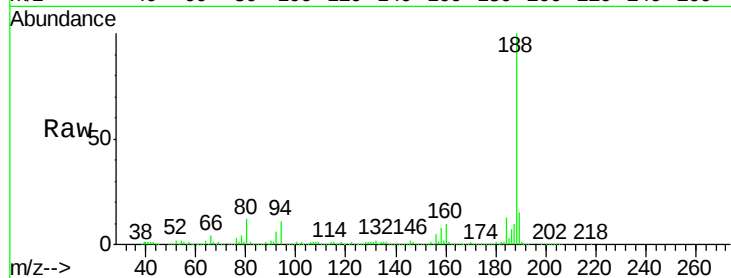




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

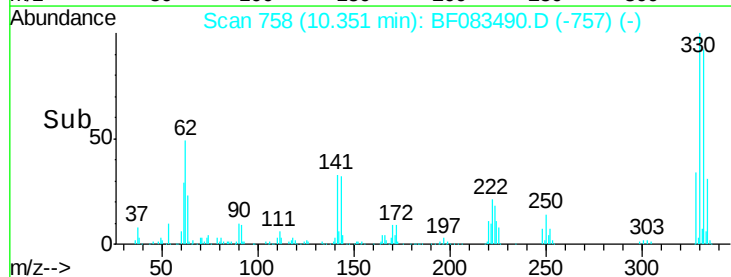
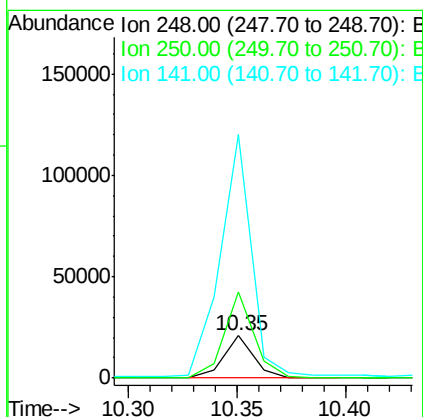
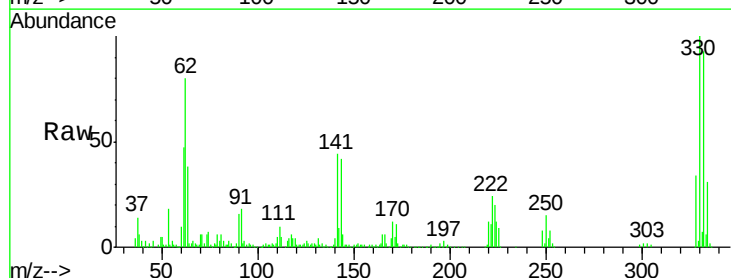
Instrument :
BNA_F
Client Sampled :
MW-20

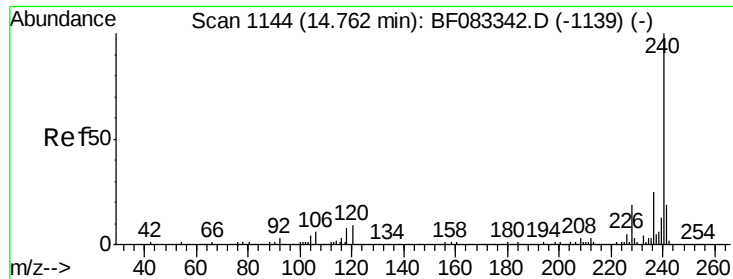
Tgt Ion:188 Resp: 411152
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.1 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Tgt Ion:248 Resp: 20111
Ion Ratio Lower Upper
248 100
250 201.9 78.6 118.0#
141 572.2 44.4 66.6#

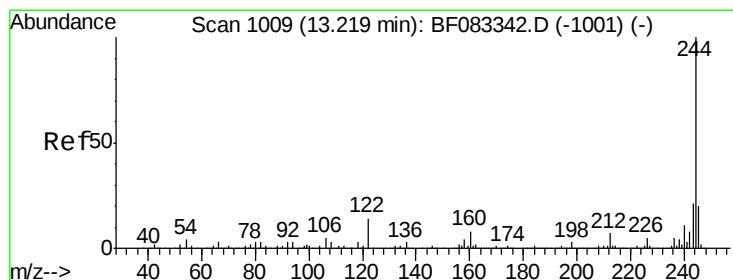
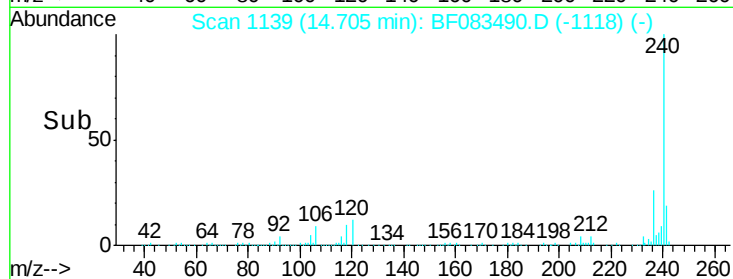
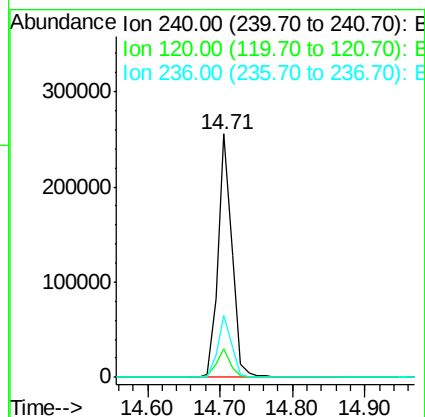
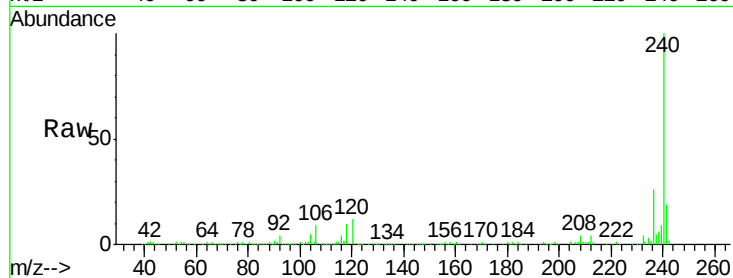




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

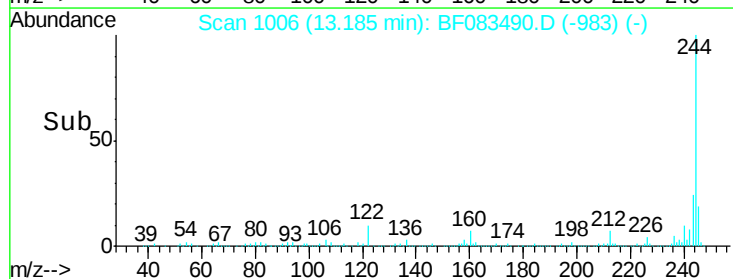
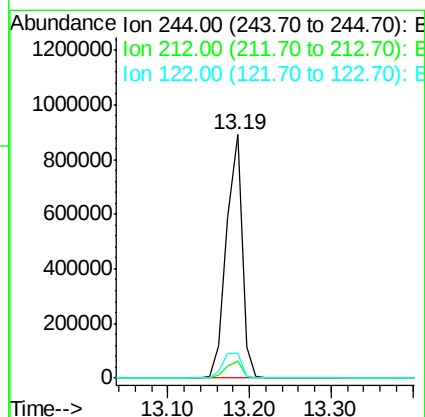
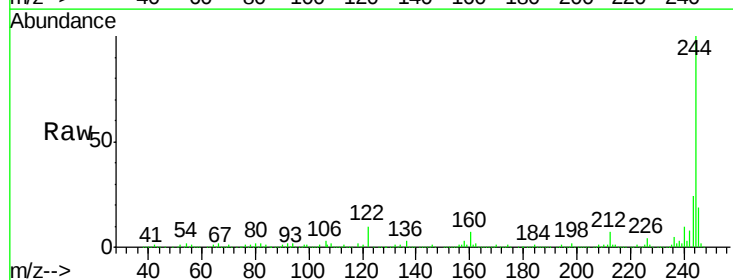
Instrument :
BNA_F
ClientSampleId :
MW-20

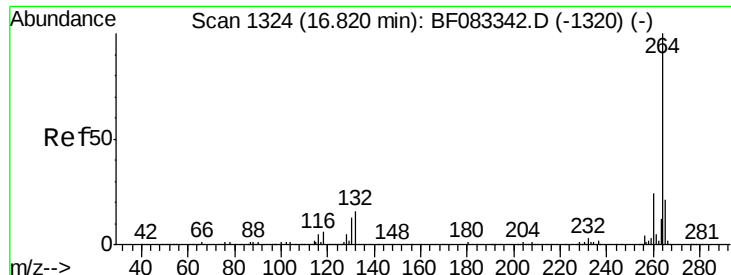
Tgt Ion:240 Resp: 340520
Ion Ratio Lower Upper
240 100
120 11.5 6.9 10.3#
236 25.6 19.8 29.6



#78
Terphenyl-d14
Concen: 83.14 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Tgt Ion:244 Resp: 1187102
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.3 11.0 16.4#

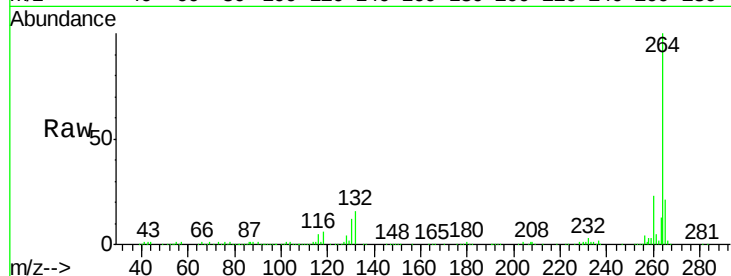




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083490.D
Acq: 4 Dec 2015 6:31

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 264 Resp: 266278
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 21.3 16.8 25.2



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

