

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075732.D
 Acq On : 21 Nov 2014 3:41
 Operator : TP / JJ
 Sample : F4836-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

Quant Time: Nov 21 04:54:19 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

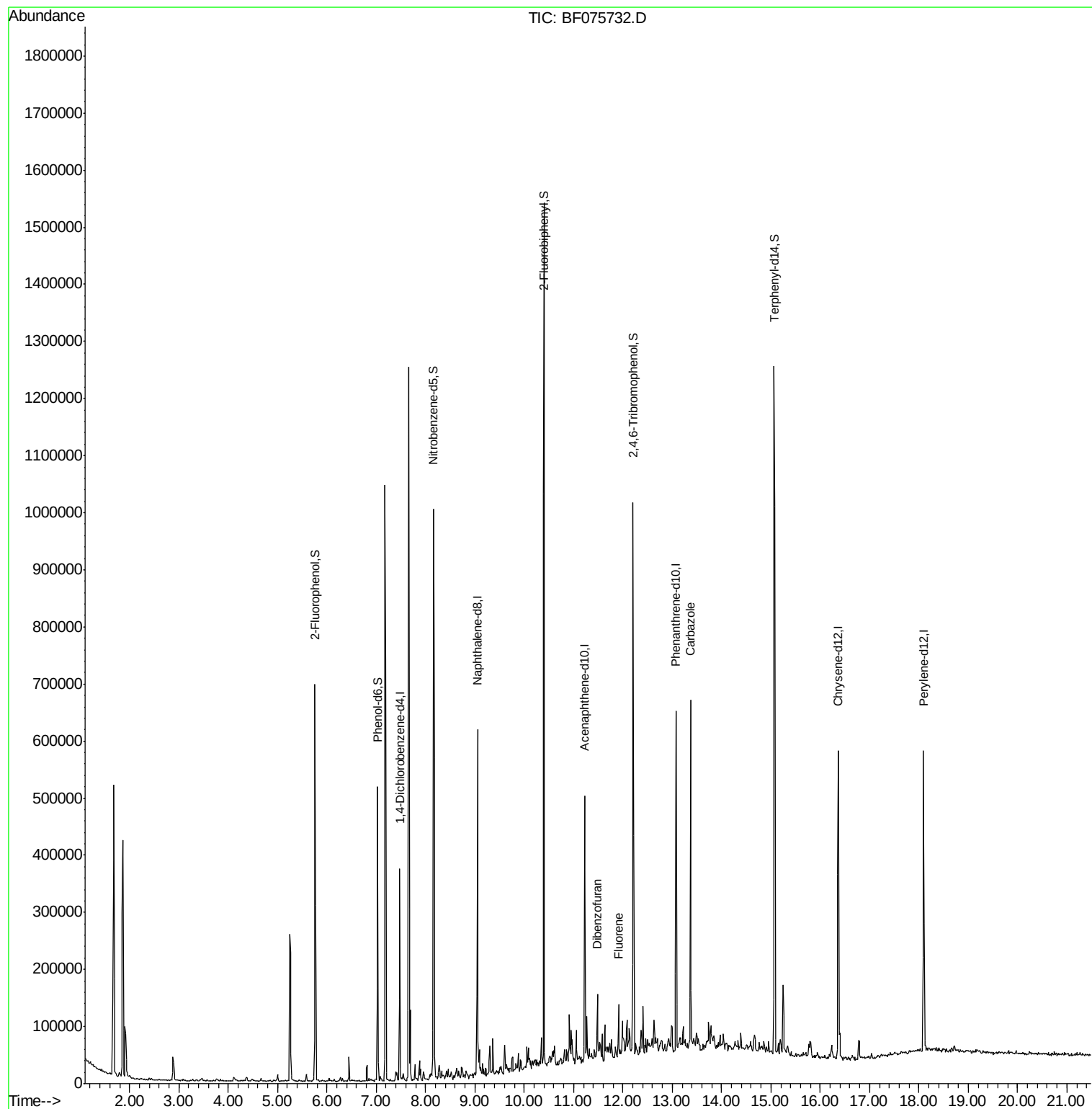
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	61887	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	264418	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	130406	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	216079	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	225001	20.00	ng	-0.02
86) Perylene-d12	18.09	264	226630	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	221521	55.61	ng	-0.02
7) Phenol-d6	7.03	99	180913	37.34	ng	-0.01
23) Nitrobenzene-d5	8.16	82	314810	73.08	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	121362	114.15	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	629767	75.60	ng	-0.01
78) Terphenyl-d14	15.07	244	540350	60.07	ng	-0.02
Target Compounds						
54) Dibenzofuran	11.49	168	33696	3.10	ng	Qvalue 89
57) Fluorene	11.91	166	21106	2.40	ng	# 97
72) Carbazole	13.37	167	247833	18.33	ng	99

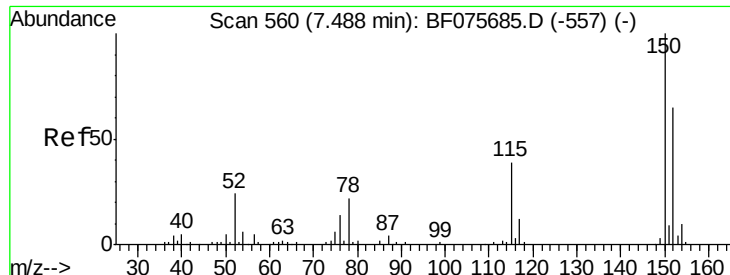
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

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TBTA-MW-3-GW

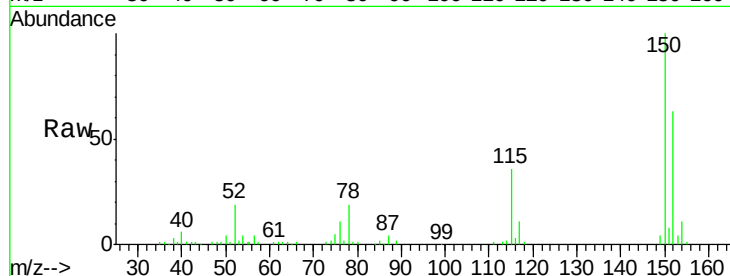
Tgt Ion:152 Resp: 61887

Ion Ratio Lower Upper

152 100

150 157.6 127.2 190.8

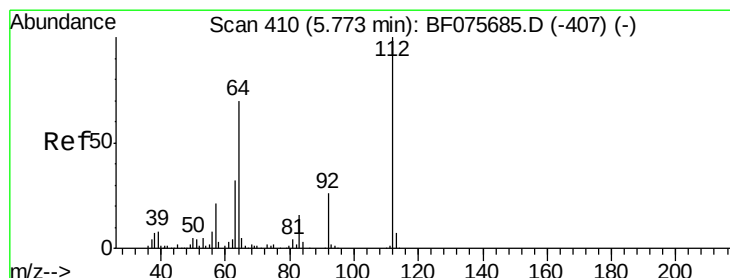
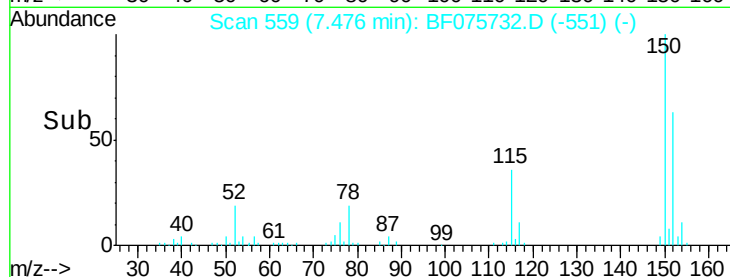
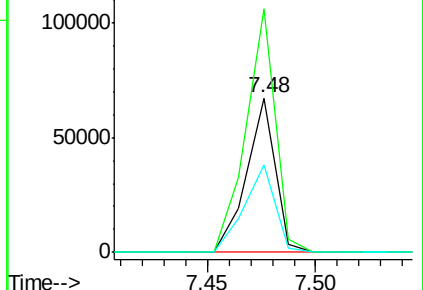
115 56.3 57.1 85.7#



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: 55.61 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

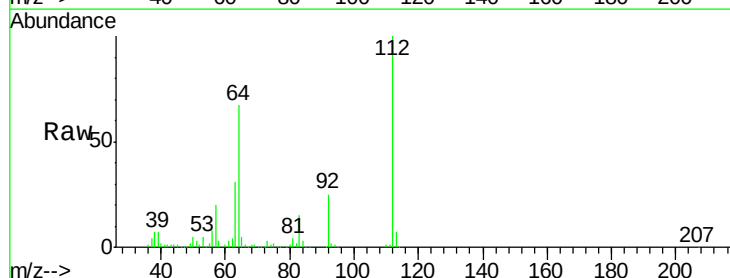
Tgt Ion:112 Resp: 221521

Ion Ratio Lower Upper

112 100

64 66.9 45.8 68.6

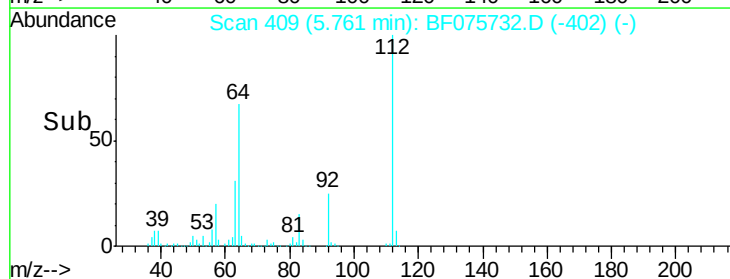
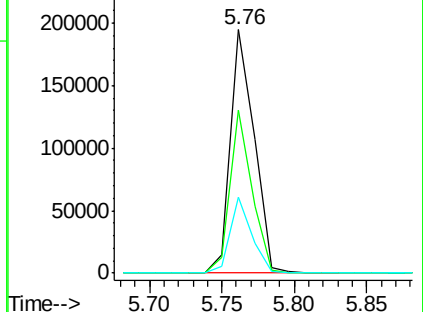
63 31.4 22.7 34.1

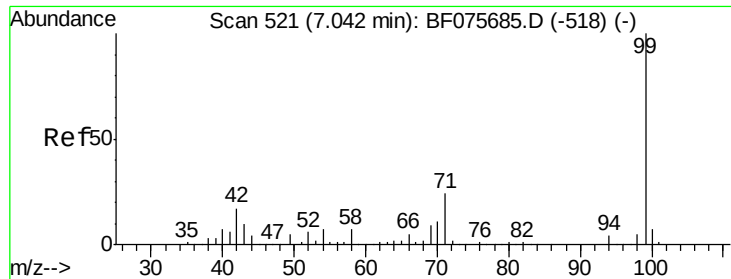


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.34 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-3-GW

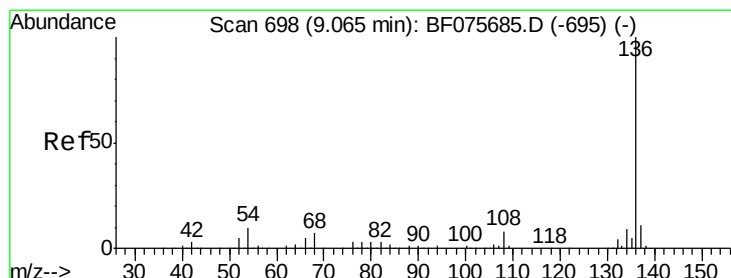
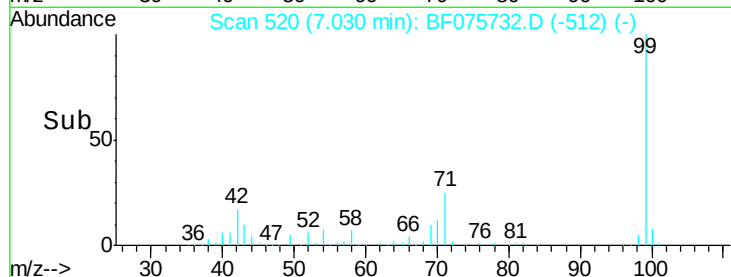
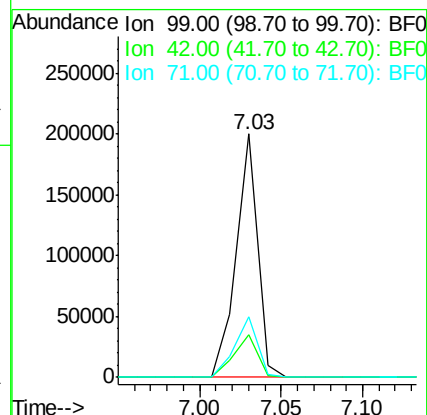
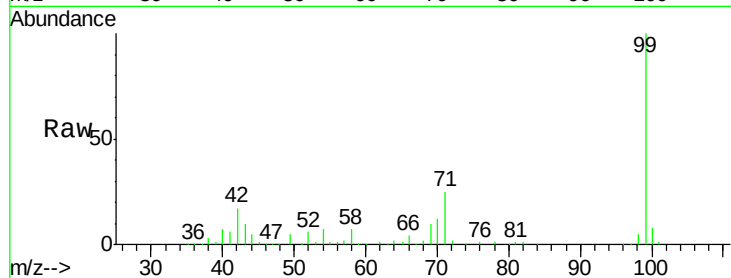
Tgt Ion: 99 Resp: 180913

Ion Ratio Lower Upper

99 100

42 17.4 19.8 29.6#

71 24.8 25.5 38.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

Tgt Ion: 136 Resp: 264418

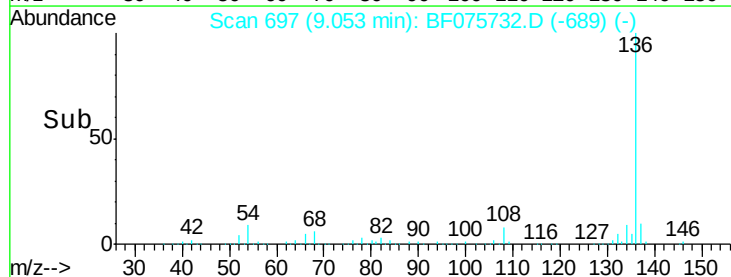
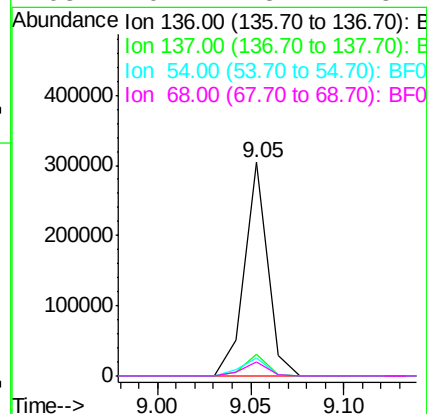
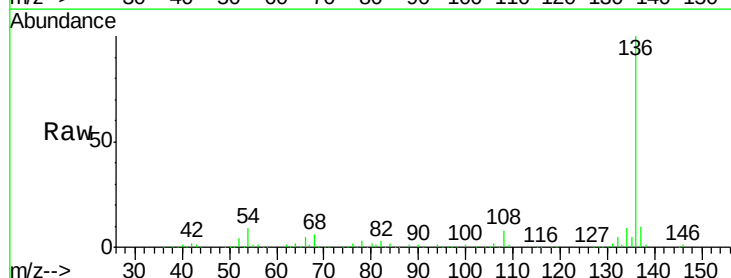
Ion Ratio Lower Upper

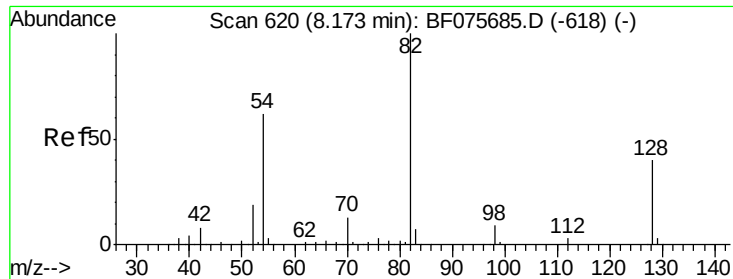
136 100

137 10.5 8.2 12.4

54 8.6 6.2 9.4

68 6.4 3.4 5.2#

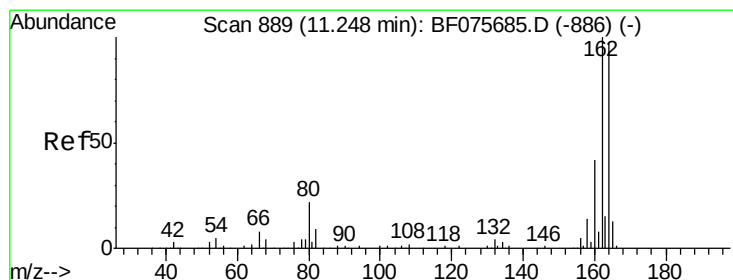
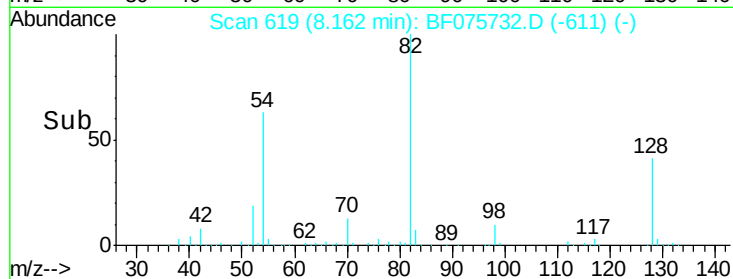
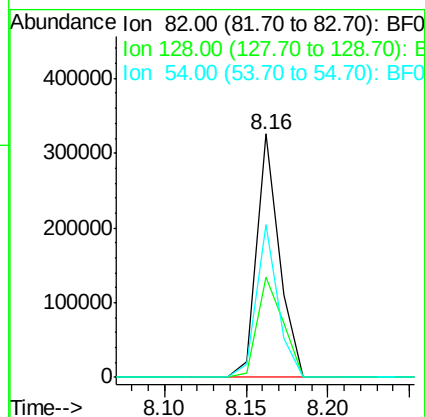
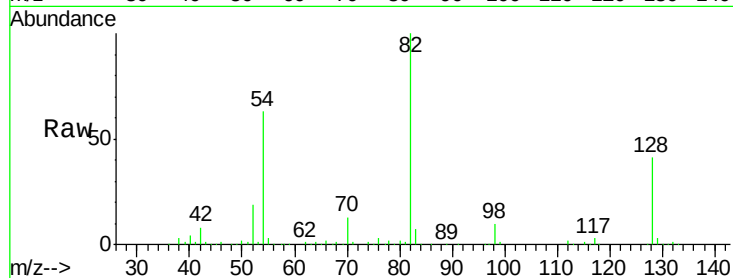




#23
 Nitrobenzene-d5
 Concen: 73.08 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075732.D
 Acq: 21 Nov 2014 3:41

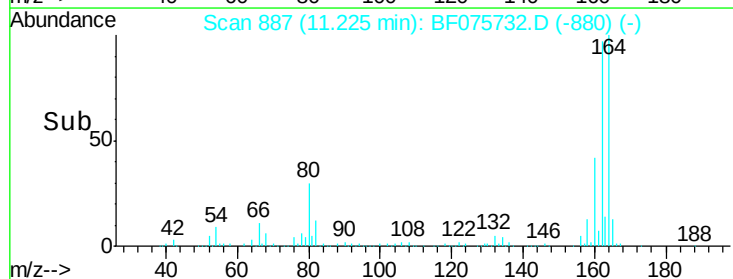
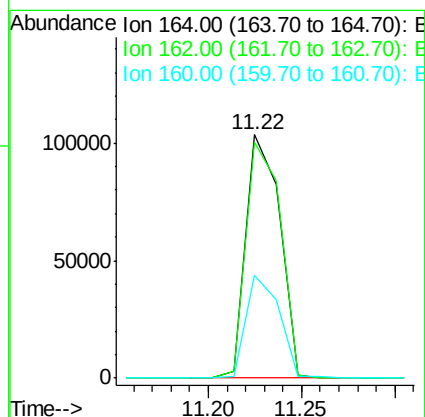
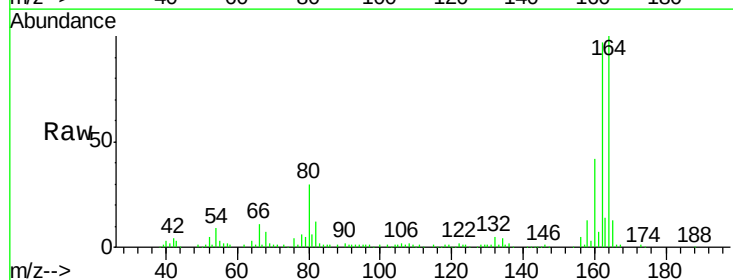
Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

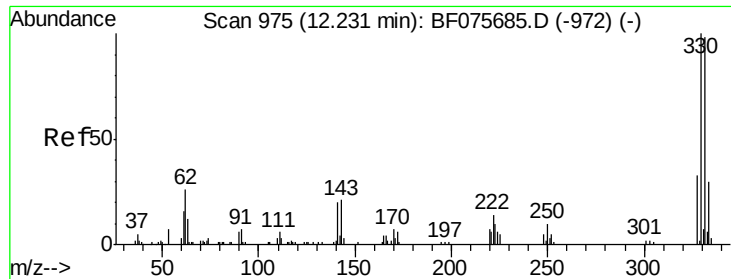
Tgt Ion: 82 Resp: 314810
 Ion Ratio Lower Upper
 82 100
 128 41.2 37.8 56.6
 54 62.5 49.8 74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075732.D
 Acq: 21 Nov 2014 3:41

Tgt Ion: 164 Resp: 130406
 Ion Ratio Lower Upper
 164 100
 162 96.9 79.1 118.7
 160 42.2 34.6 51.8

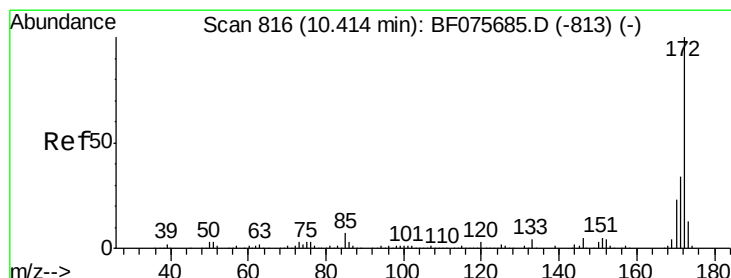
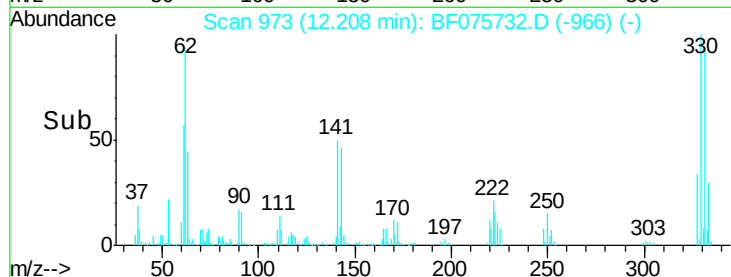
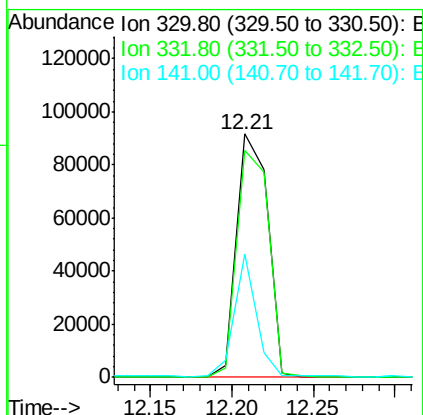
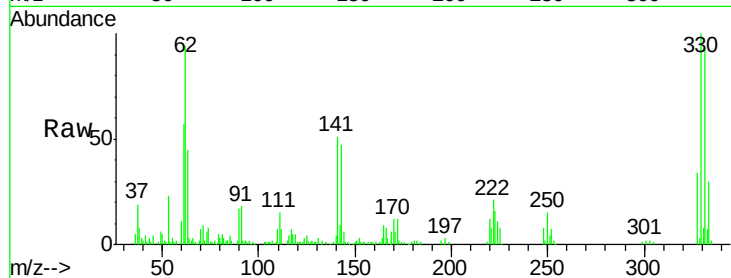




#41
 2,4,6-Tribromophenol
 Concen: 114.15 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075732.D
 Acq: 21 Nov 2014 3:41

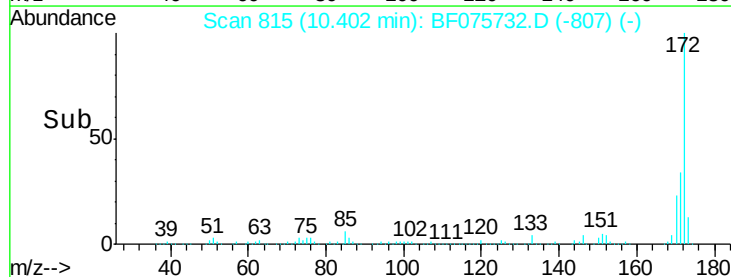
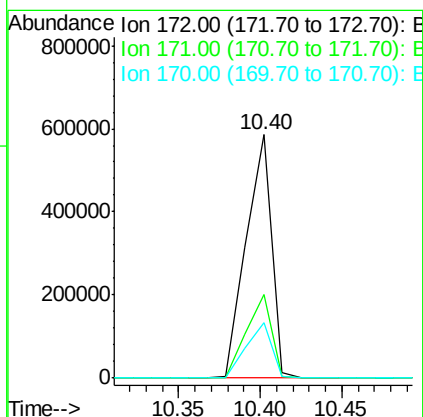
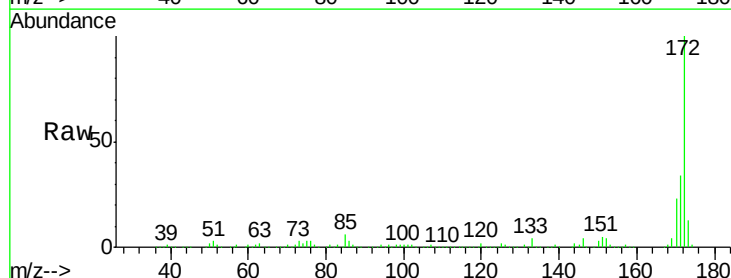
Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

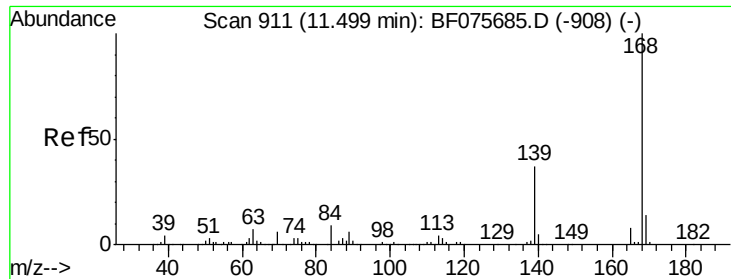
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	74.5	111.7
141	34.9	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 75.60 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075732.D
 Acq: 21 Nov 2014 3:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	22.7	18.4	27.6

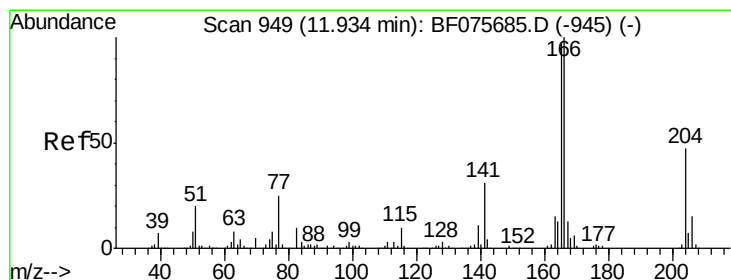
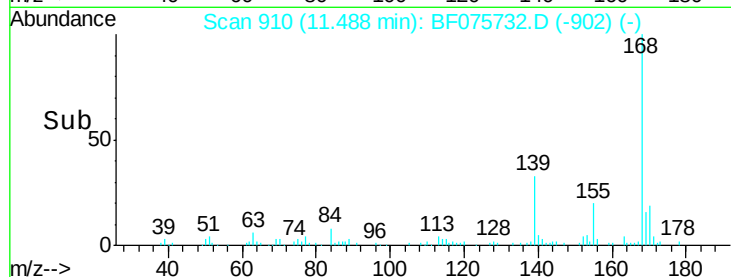
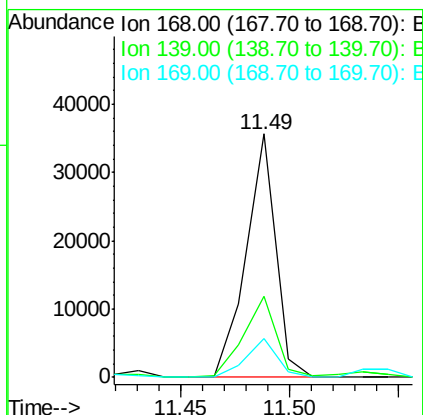
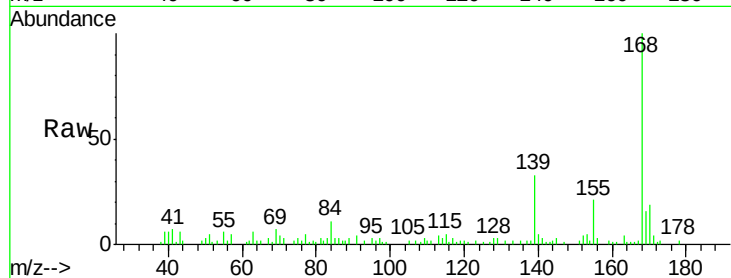




#54
Dibenzenofuran
Concen: 3.10 ng
RT: 11.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF075732.D
Acq: 21 Nov 2014 3:41

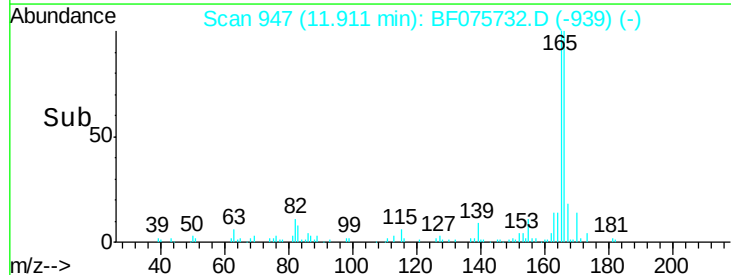
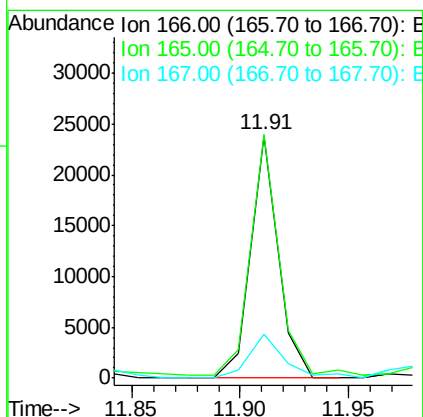
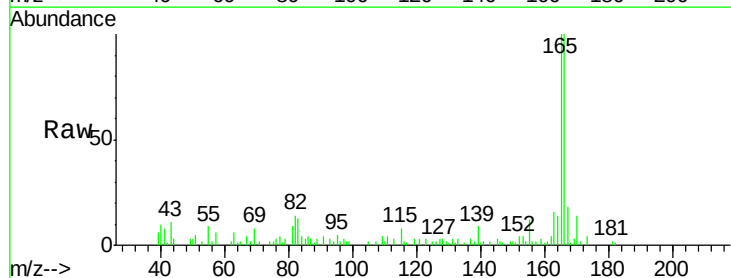
Instrument :
BNA_F
ClientSampleId :
TBTA-MW-3-GW

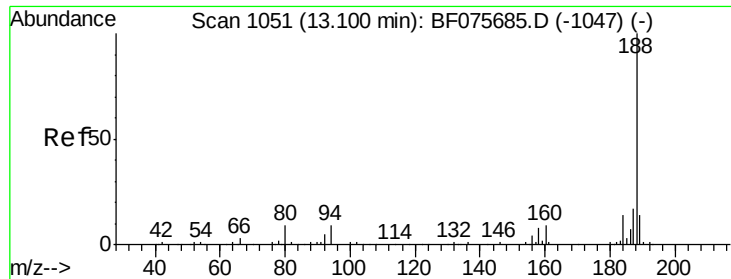
Tgt Ion:168 Resp: 33696
Ion Ratio Lower Upper
168 100
139 33.1 33.0 49.4
169 15.9 10.8 16.2



#57
Fluorene
Concen: 2.40 ng
RT: 11.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF075732.D
Acq: 21 Nov 2014 3:41

Tgt Ion:166 Resp: 21106
Ion Ratio Lower Upper
166 100
165 100.2 78.8 118.2
167 18.0 10.6 15.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-3-GW

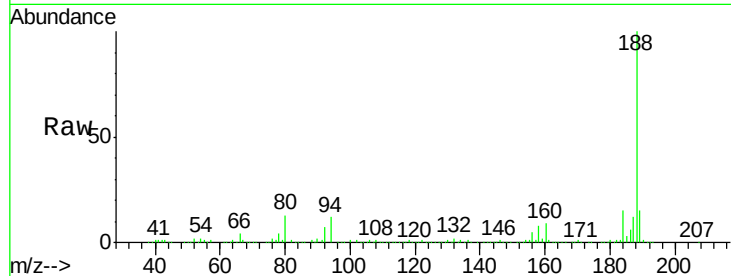
Tgt Ion:188 Resp: 216079

Ion Ratio Lower Upper

188 100

94 11.6 7.8 11.6

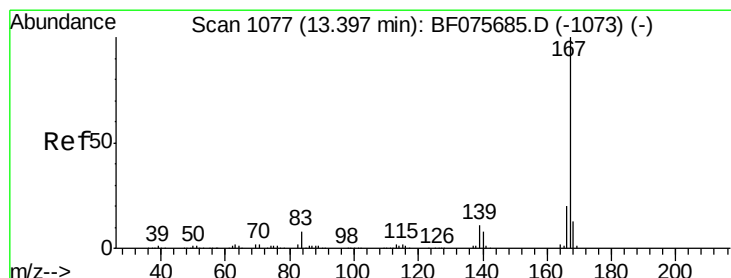
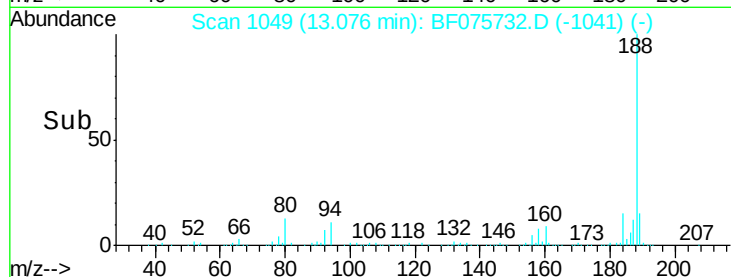
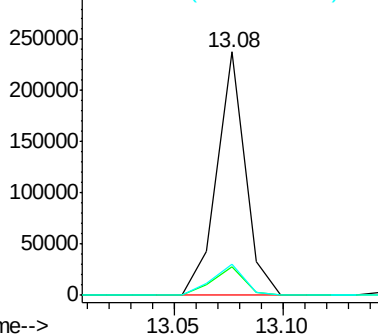
80 13.0 8.0 12.0#



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



#72

Carbazole

Concen: 18.33 ng

RT: 13.37 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

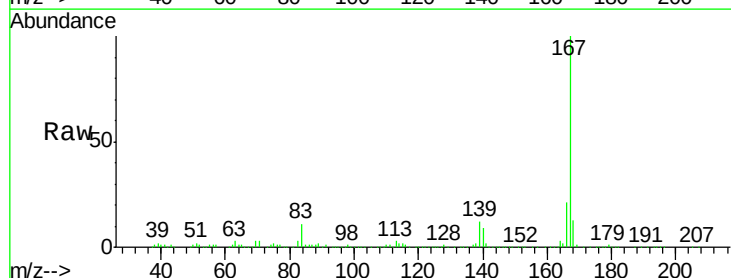
Tgt Ion:167 Resp: 247833

Ion Ratio Lower Upper

167 100

166 20.8 17.4 26.0

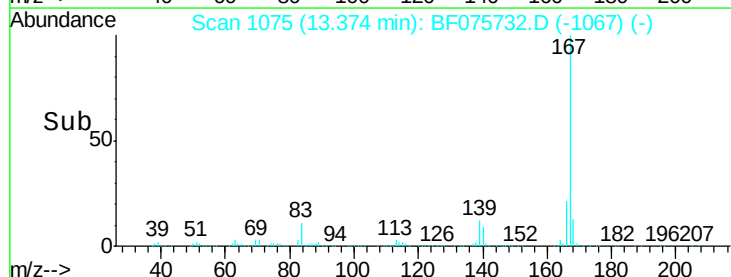
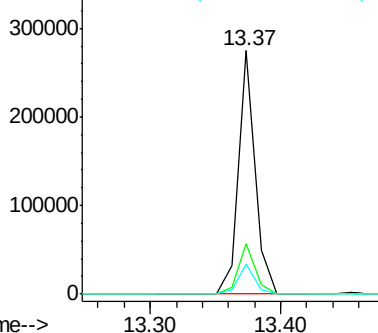
139 12.3 10.1 15.1

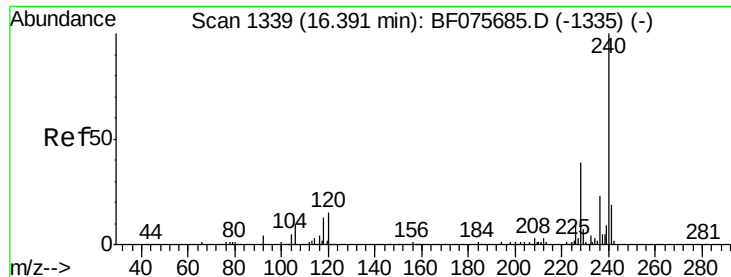


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-3-GW

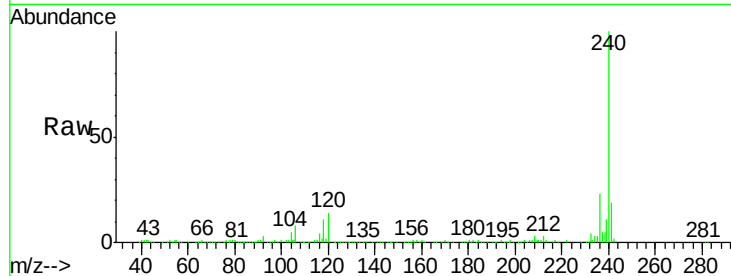
Tgt Ion:240 Resp: 225001

Ion Ratio Lower Upper

240 100

120 13.5 9.6 14.4

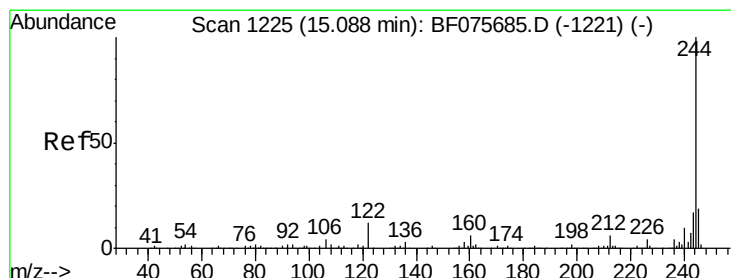
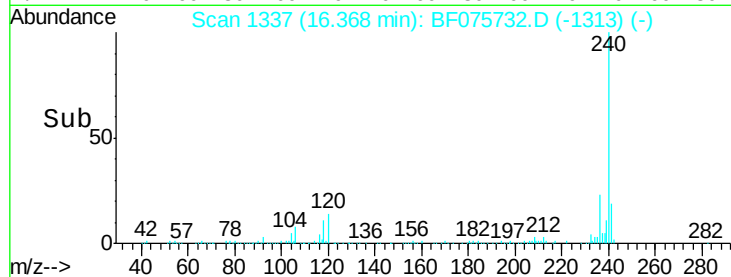
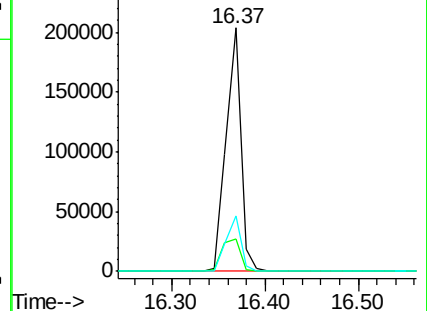
236 23.0 18.9 28.3



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: 60.07 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF075732.D

Acq: 21 Nov 2014 3:41

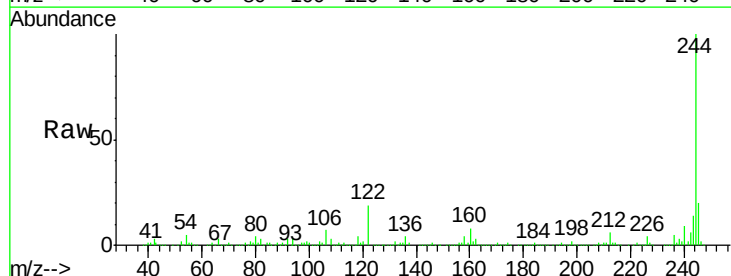
Tgt Ion:244 Resp: 540350

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

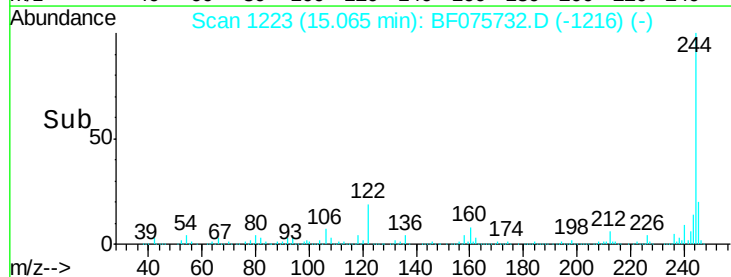
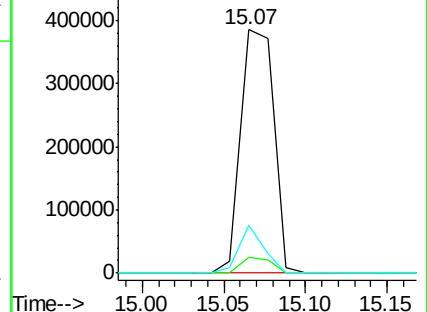
122 19.4 9.7 14.5#

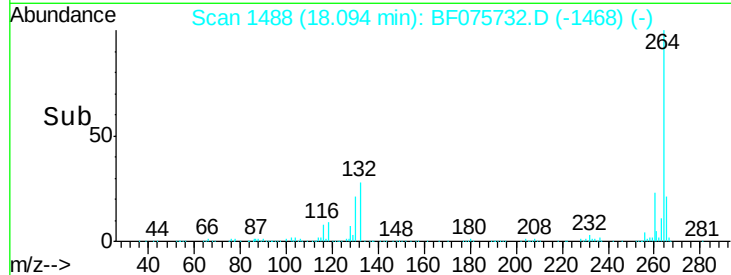
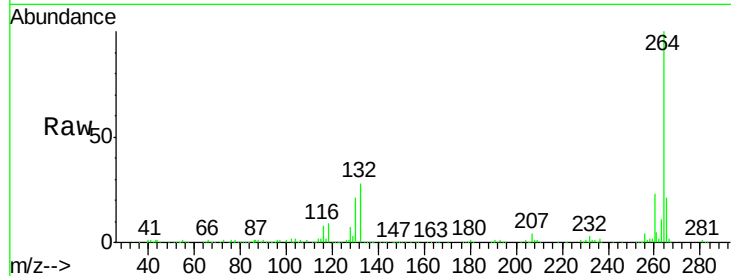
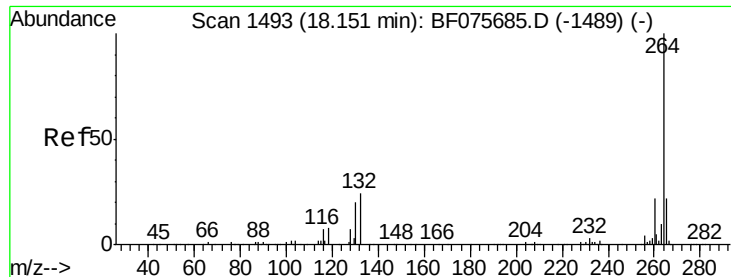


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.09 min Scan# 1488
Delta R.T. -0.07 min
Lab File: BF075732.D
Acq: 21 Nov 2014 3:41

Instrument :
BNA_F
ClientSampleId :
TBTA-MW-3-GW

Tgt Ion:	264	Resp:	226630
Ion Ratio		Lower	Upper
264	100		
260	22.5	17.9	26.9
265	20.8	16.3	24.5

