

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085424.D
 Acq On : 14 Mar 2016 13:01
 Operator : UM/SJ
 Sample : H1744-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-100

Quant Time: Mar 15 01:53:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

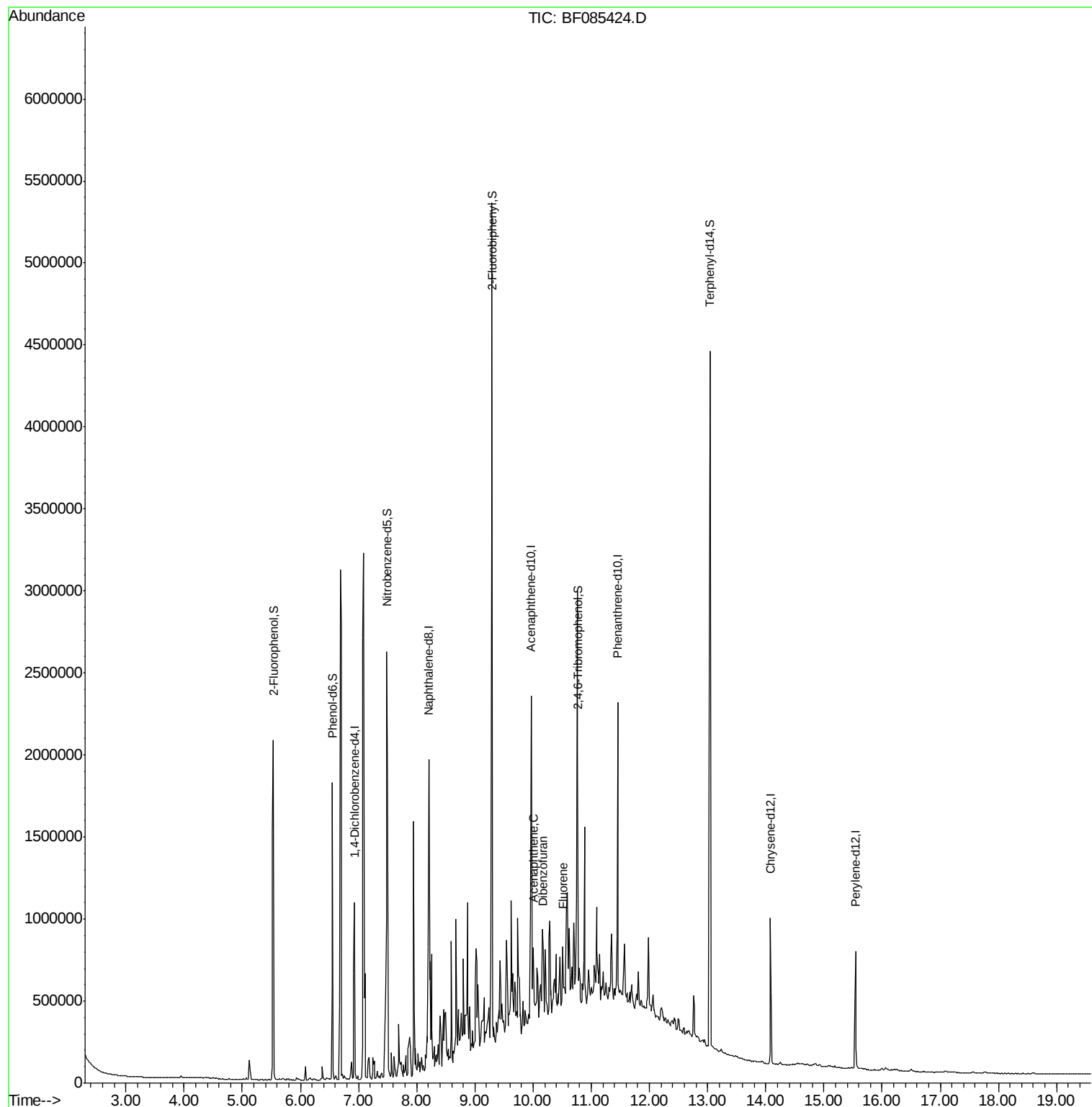
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	201874	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	746074	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	364902	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	623918	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	340267	20.00	ng	-0.07
86) Perylene-d12	15.55	264	324366	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	792790	65.87	ng	-0.05
7) Phenol-d6	6.55	99	648744	41.14	ng	-0.06
23) Nitrobenzene-d5	7.49	82	1215775	87.20	ng	-0.06
41) 2,4,6-Tribromophenol	10.77	330	470414	150.66	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	2009152	83.74	ng	-0.06
78) Terphenyl-d14	13.04	244	1604203	109.44	ng	-0.05
Target Compounds						Qvalue
51) Acenaphthene	10.00	154	82917	3.69	ng	92
54) Dibenzofuran	10.17	168	62661	2.13	ng	# 88
57) Fluorene	10.52	166	99863	4.32	ng	100

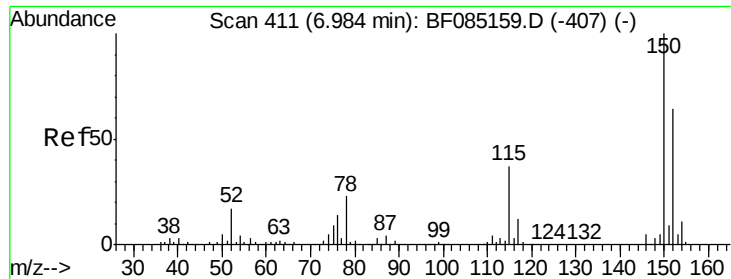
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

Instrument :

BNA_F

ClientSampleId :

MW-100

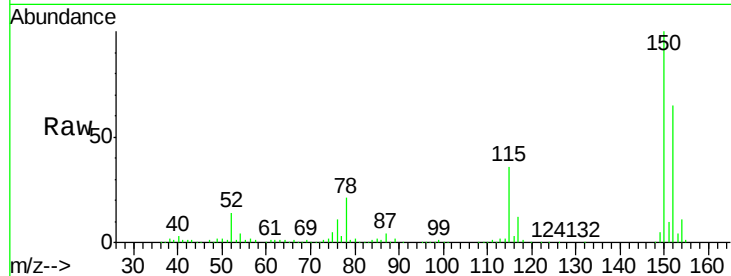
Tgt Ion:152 Resp: 201874

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

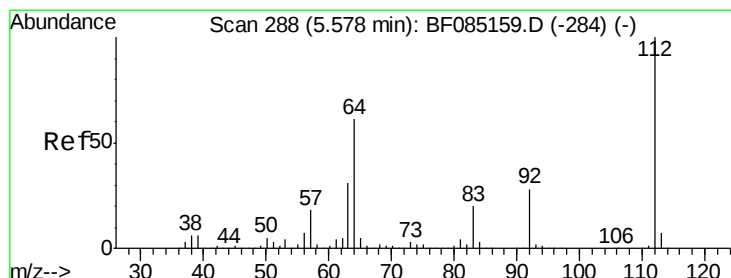
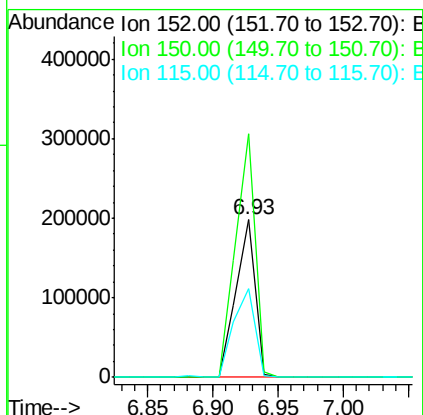
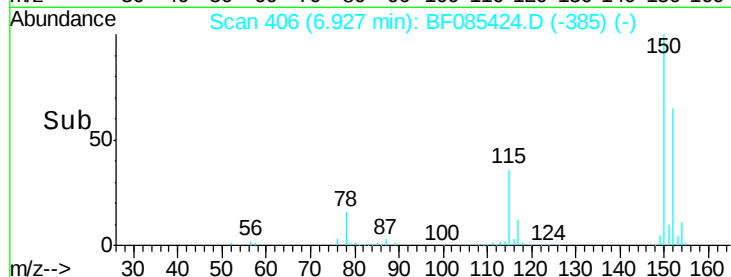
115 56.4 46.6 70.0



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: 65.87 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

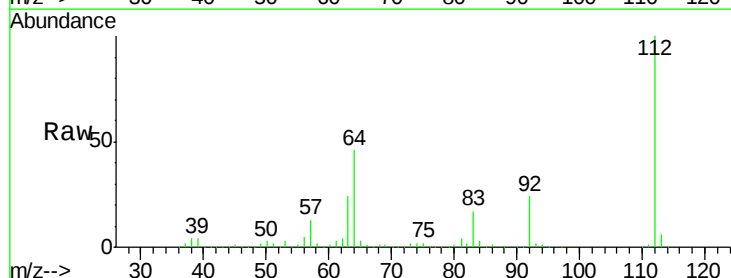
Tgt Ion:112 Resp: 792790

Ion Ratio Lower Upper

112 100

64 46.4 49.0 73.4#

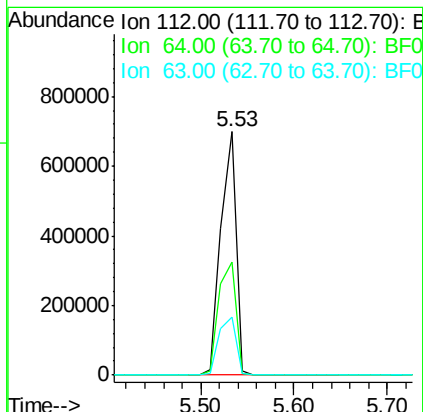
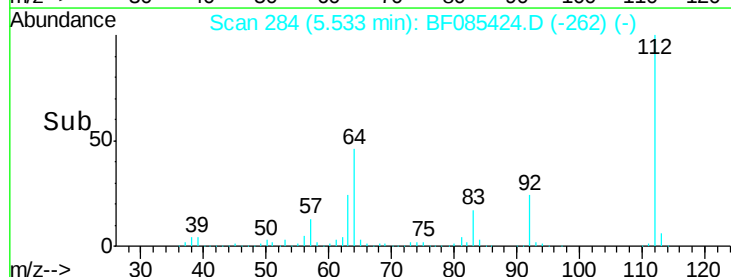
63 23.6 24.8 37.2#

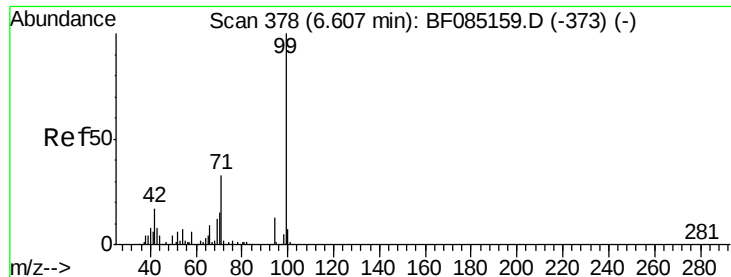


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.14 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

Instrument :

BNA_F

ClientSampleId :

MW-100

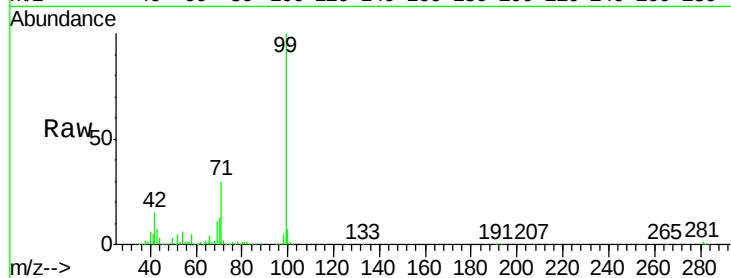
Tgt Ion: 99 Resp: 648744

Ion Ratio Lower Upper

99 100

42 14.5 13.6 20.4

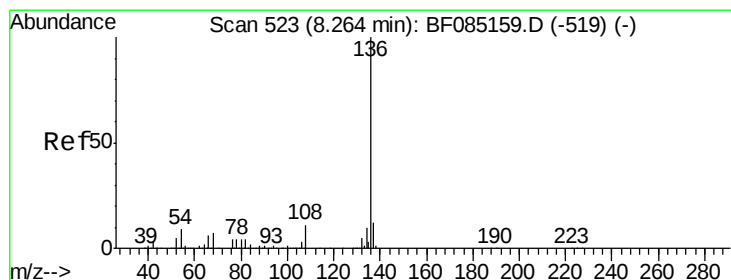
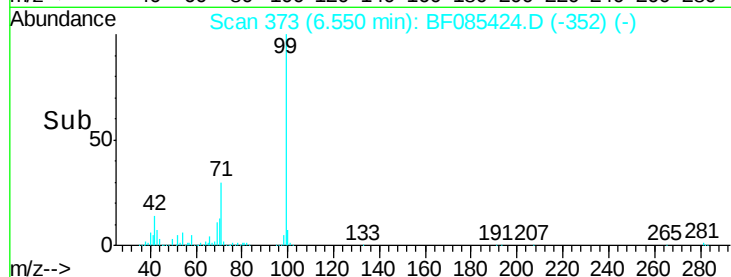
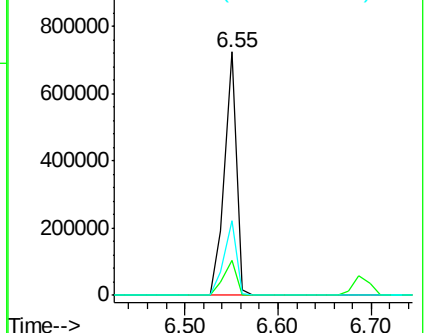
71 30.4 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

Tgt Ion: 136 Resp: 746074

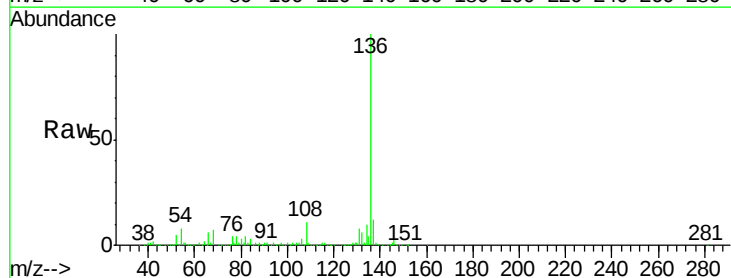
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.5 7.4 11.2

68 7.1 6.0 9.0

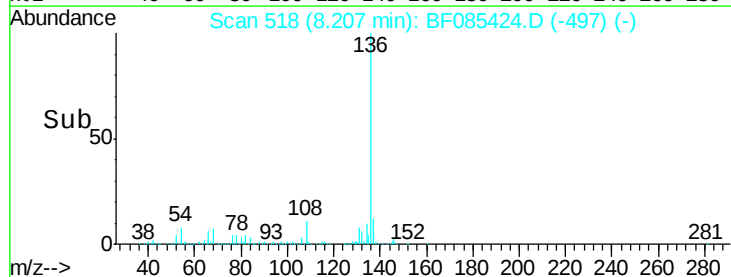
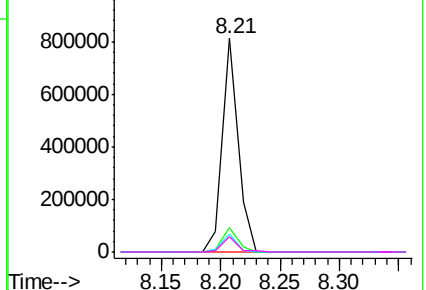


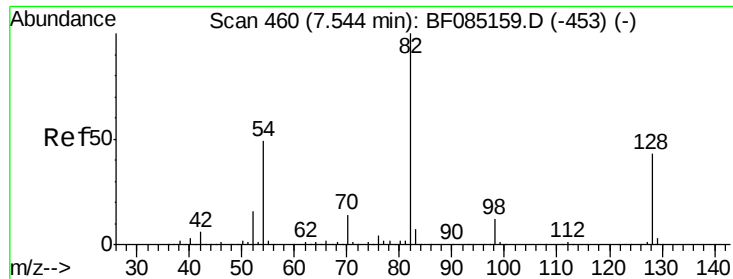
Abundance Ion 136.00 (135.70 to 136.70): E

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

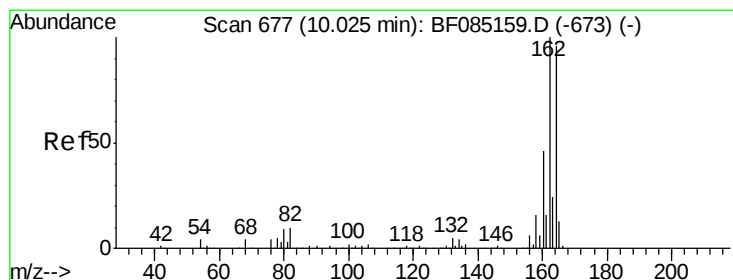
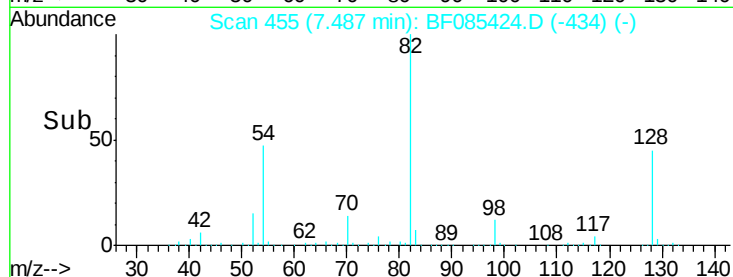
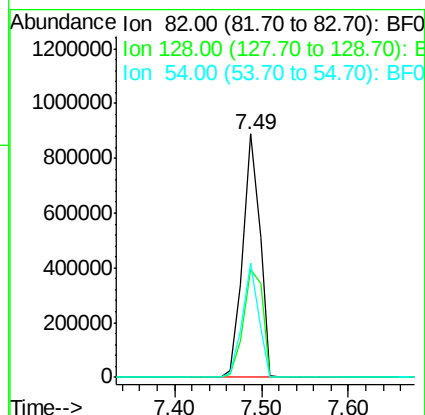
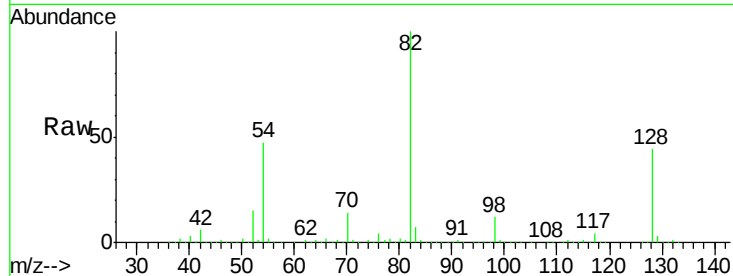




#23
Nitrobenzene-d5
Concen: 87.20 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085424.D
Acq: 14 Mar 2016 13:01

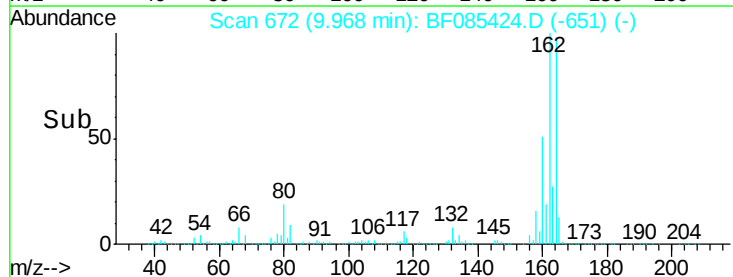
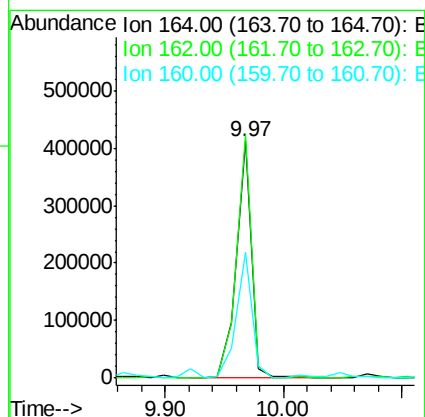
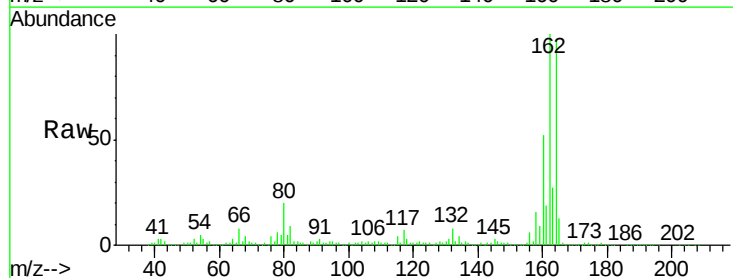
Instrument :
BNA_F
ClientSampleId :
MW-100

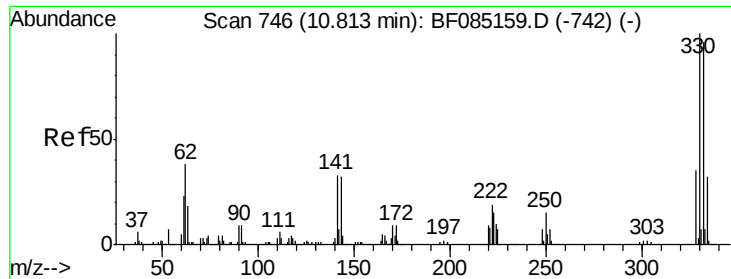
Tgt Ion: 82 Resp: 1215775
Ion Ratio Lower Upper
82 100
128 44.5 34.5 51.7
54 46.9 39.3 58.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085424.D
Acq: 14 Mar 2016 13:01

Tgt Ion: 164 Resp: 364902
Ion Ratio Lower Upper
164 100
162 102.7 83.3 124.9
160 53.1 37.9 56.9

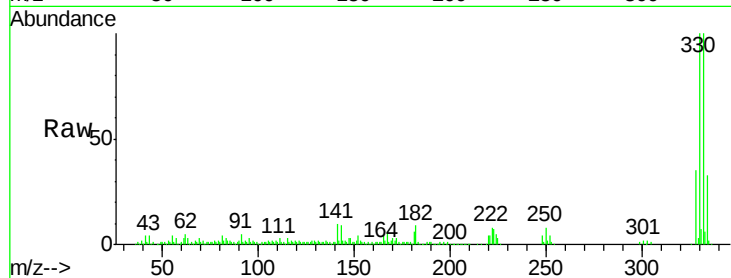




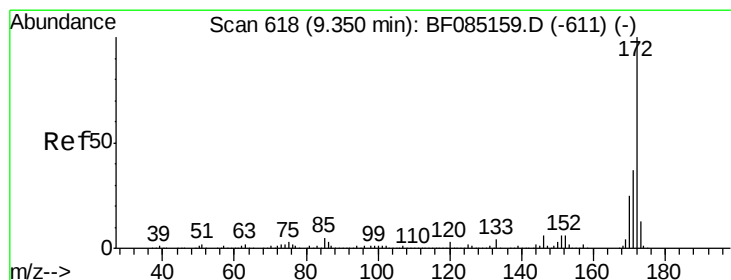
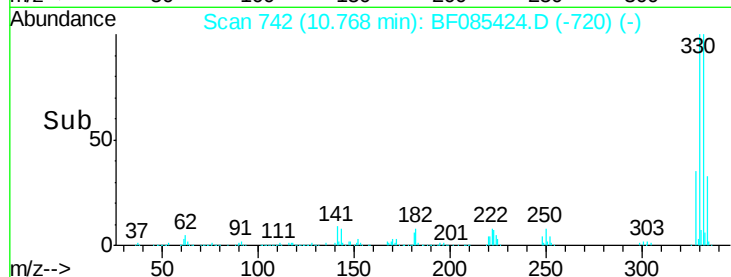
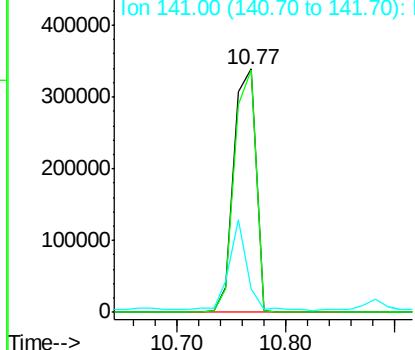
#41
 2,4,6-Tribromophenol
 Concen: 150.66 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085424.D
 Acq: 14 Mar 2016 13:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-100

Tgt Ion:330 Resp: 470414
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 30.8 35.0 52.6#

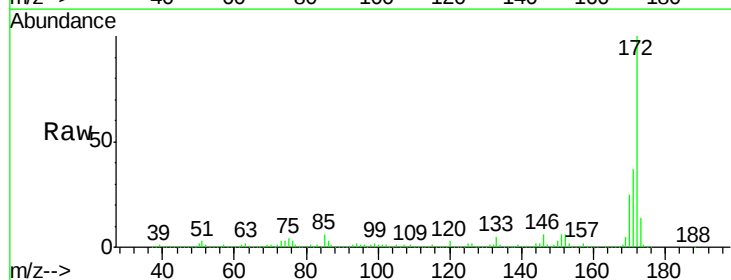


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

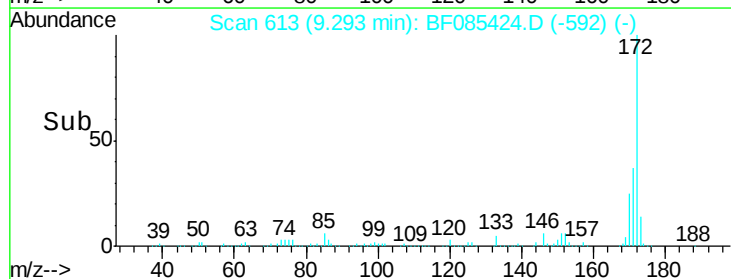
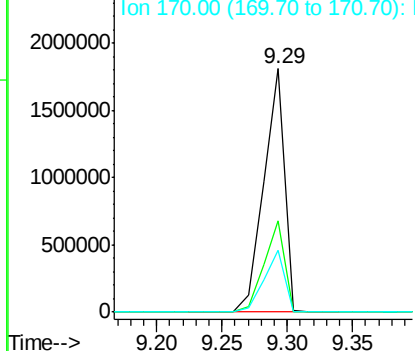


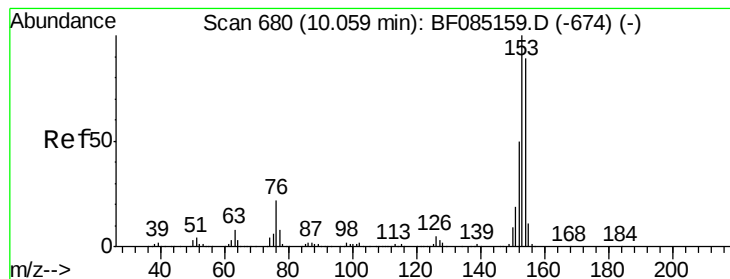
#44
 2-Fluorobiphenyl
 Concen: 83.74 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085424.D
 Acq: 14 Mar 2016 13:01

Tgt Ion:172 Resp: 2009152
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.3 43.9
 170 25.2 20.0 30.0



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





#51

Acenaphthene

Concen: 3.69 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

Instrument :

BNA_F

ClientSampleId :

MW-100

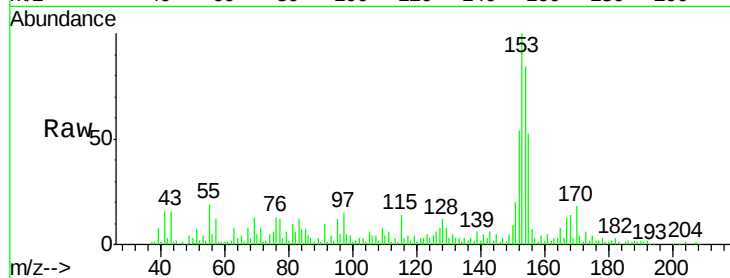
Tgt Ion:154 Resp: 82917

Ion Ratio Lower Upper

154 100

153 119.3 89.8 134.8

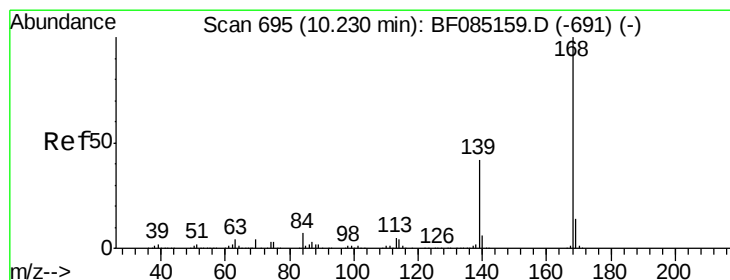
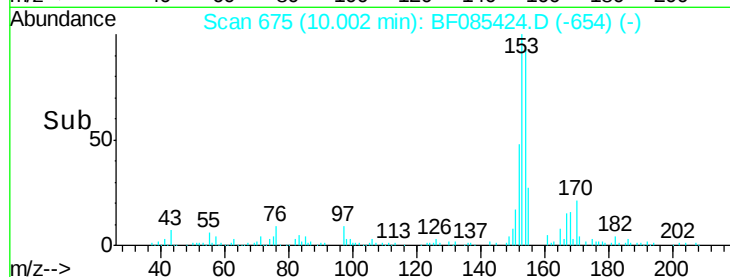
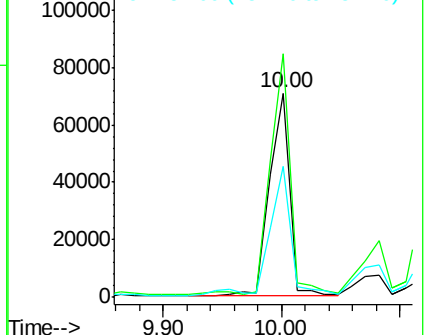
152 64.2 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.13 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.06 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

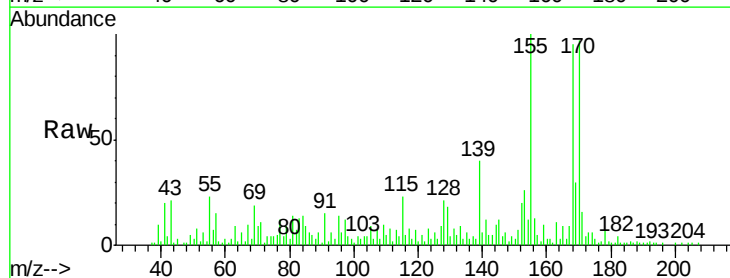
Tgt Ion:168 Resp: 62661

Ion Ratio Lower Upper

168 100

139 42.6 33.6 50.4

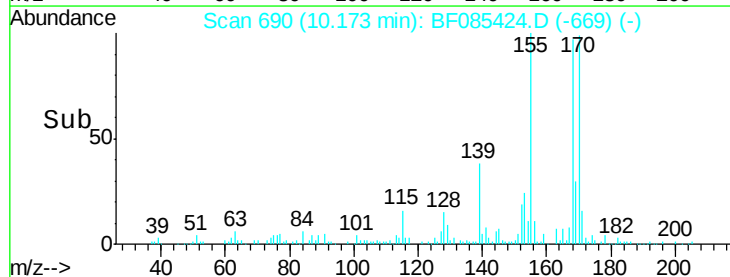
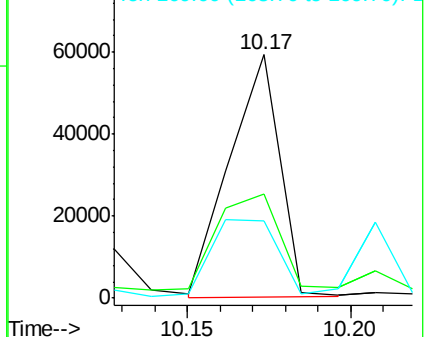
169 31.9 11.2 16.8#

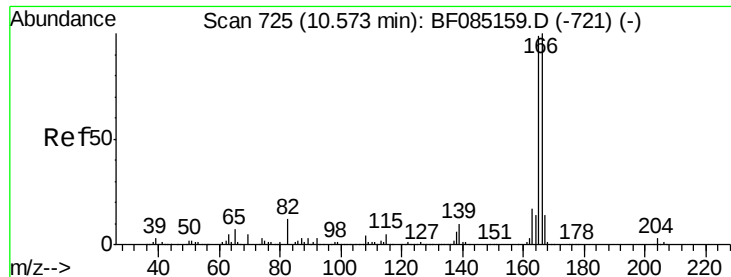


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

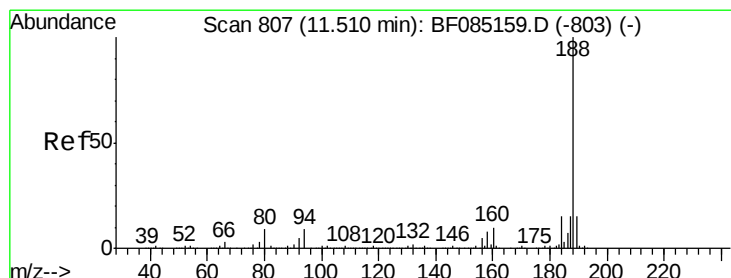
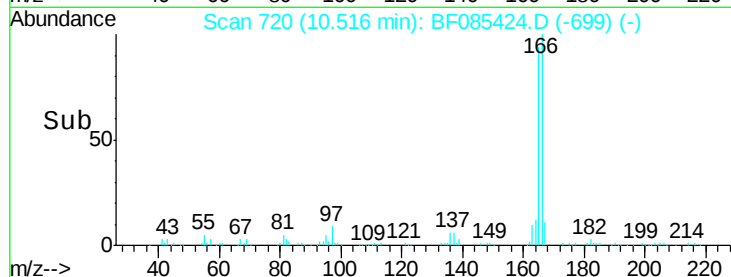
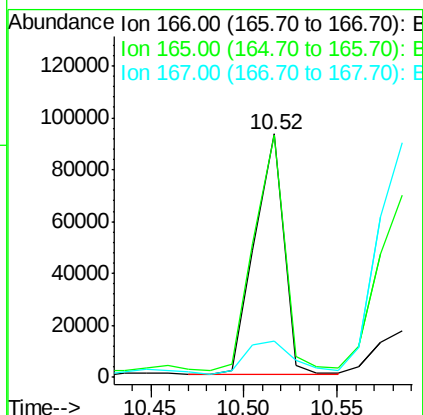
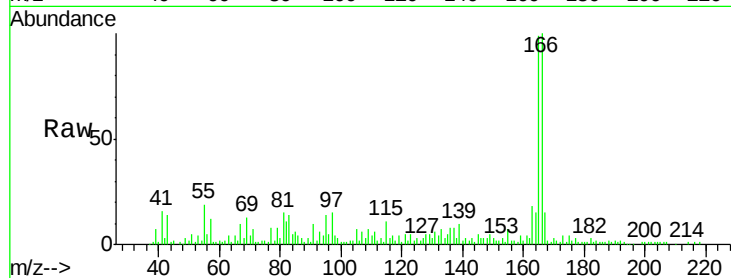




#57
 Fluorene
 Concen: 4.32 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.06 min
 Lab File: BF085424.D
 Acq: 14 Mar 2016 13:01

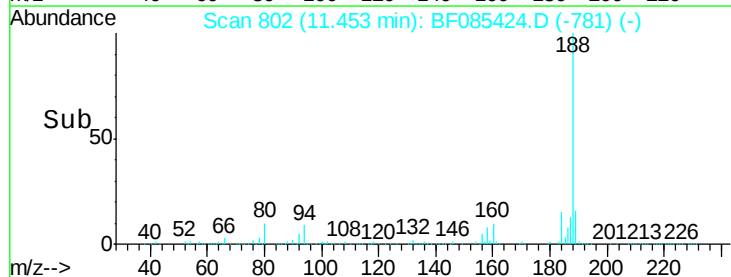
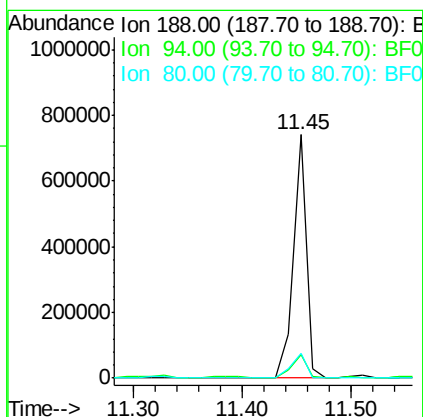
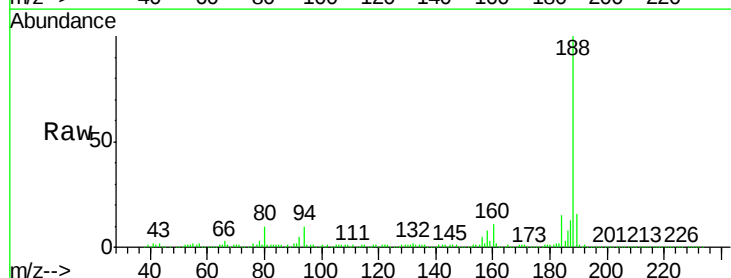
Instrument :
 BNA_F
 ClientSampleId :
 MW-100

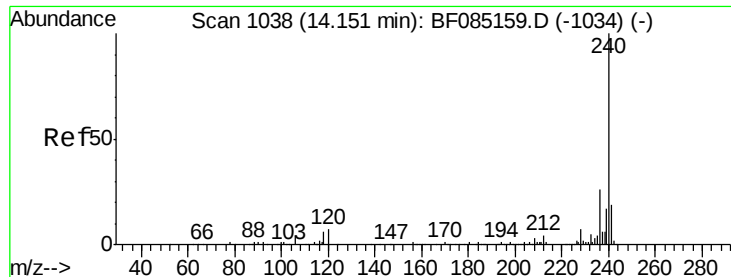
Tgt Ion:166 Resp: 99863
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.4 119.0
 167 14.8 11.0 16.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085424.D
 Acq: 14 Mar 2016 13:01

Tgt Ion:188 Resp: 623918
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 10.1 7.4 11.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

Instrument :

BNA_F

ClientSampleId :

MW-100

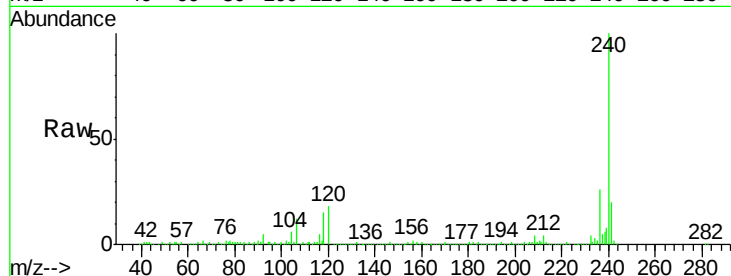
Tgt Ion:240 Resp: 340267

Ion Ratio Lower Upper

240 100

120 17.7 5.3 7.9#

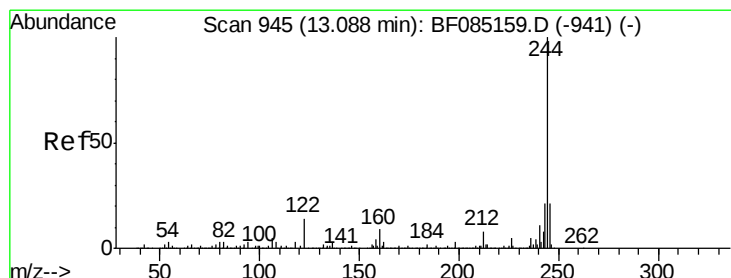
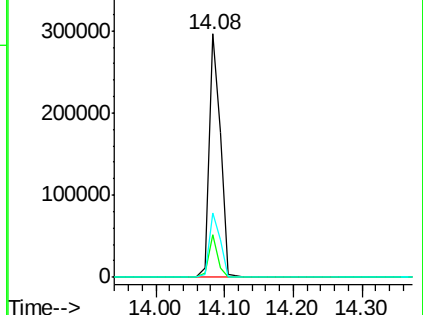
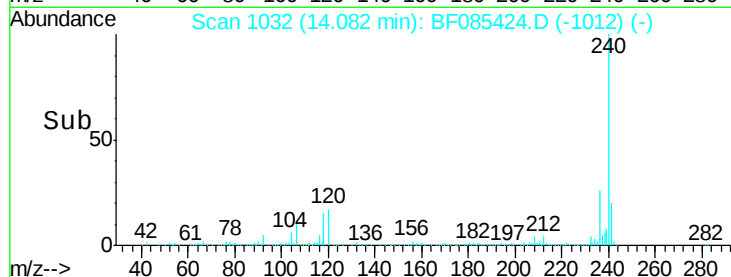
236 26.4 20.7 31.1



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: 109.44 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085424.D

Acq: 14 Mar 2016 13:01

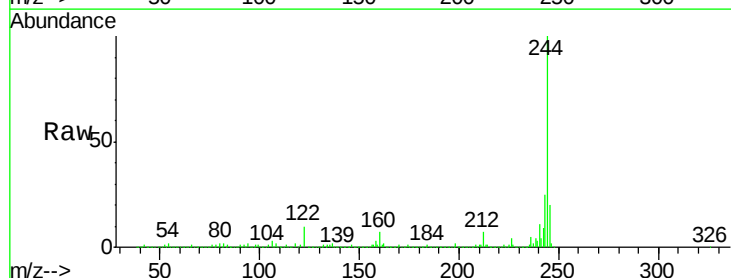
Tgt Ion:244 Resp: 1604203

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

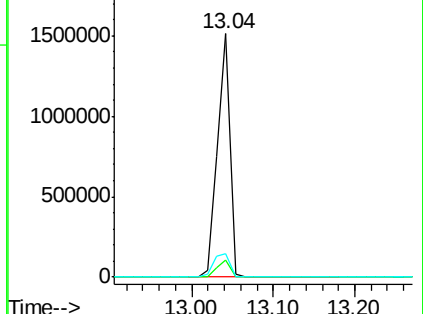
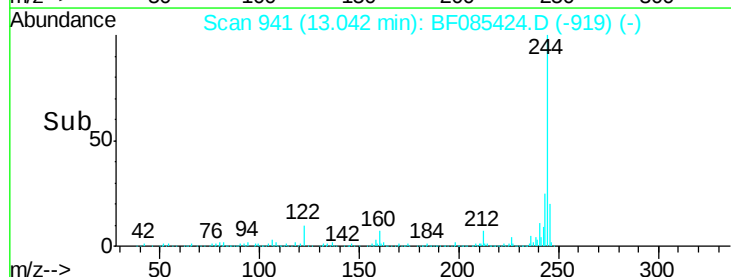
122 9.7 11.4 17.2#

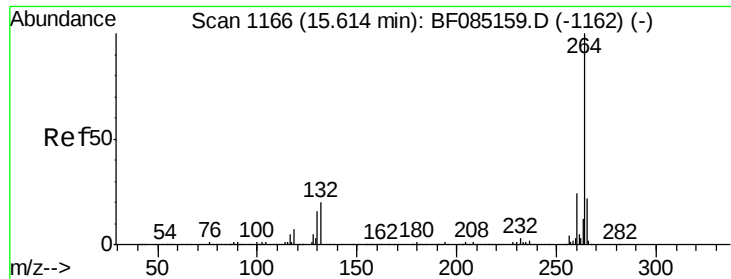


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

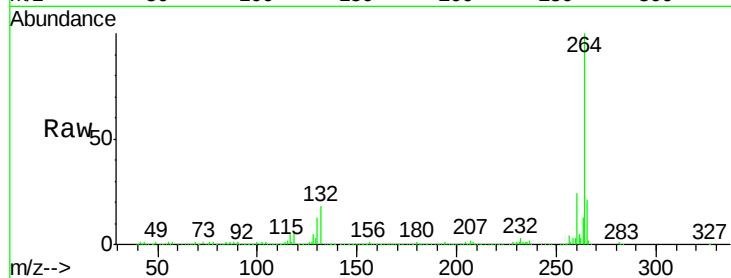




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085424.D
Acq: 14 Mar 2016 13:01

Instrument :
BNA_F
ClientSampleId :
MW-100

Tgt Ion: 264 Resp: 324366
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.1 17.3 25.9



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

