

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085040.D
 Acq On : 12 Feb 2016 4:39
 Operator : SJ/IZ
 Sample : H1410-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

Quant Time: Feb 12 05:51:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

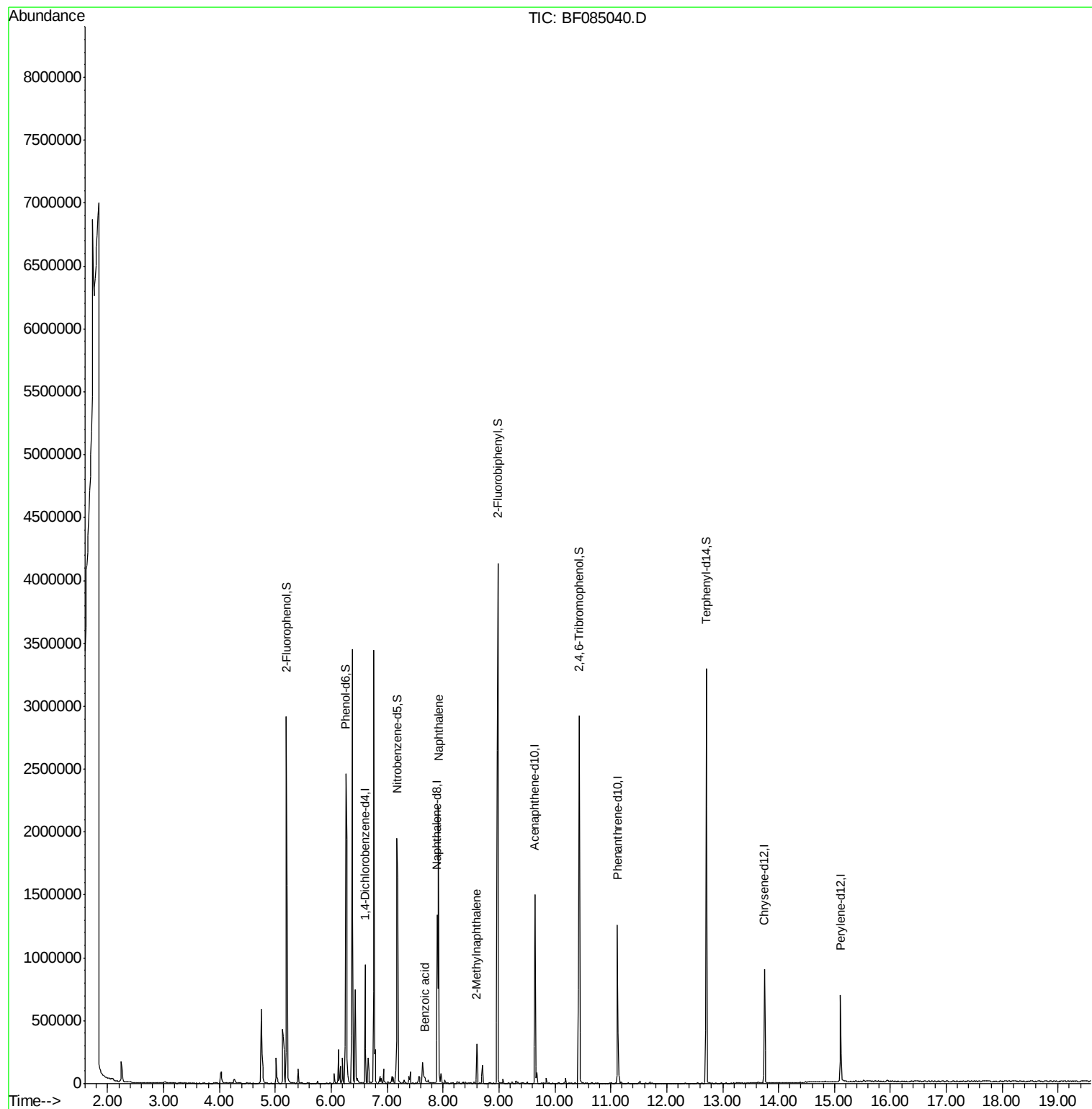
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	138255	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	592132	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	289511	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	478864	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	319536	20.00	ng	-0.02
86) Perylene-d12	15.11	264	289799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	983877	110.84	ng	0.00
7) Phenol-d6	6.26	99	1204765	109.49	ng	-0.02
23) Nitrobenzene-d5	7.18	82	891948	84.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	334394	110.73	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1701274	109.52	ng	-0.01
78) Terphenyl-d14	12.71	244	1385872	98.28	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.92	128	979030	32.96	ng	100
32) Benzoic acid	7.67	122	18610	3.01	ng	87
37) 2-Methylnaphthalene	8.60	142	86390	4.65	ng	97

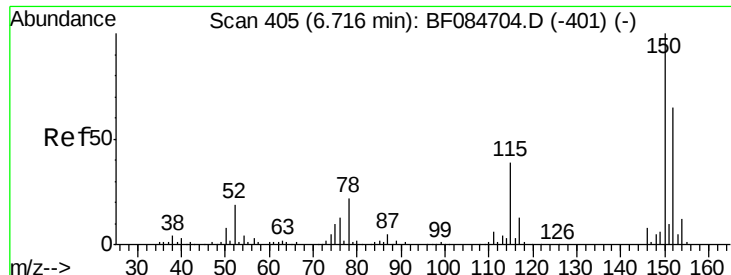
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

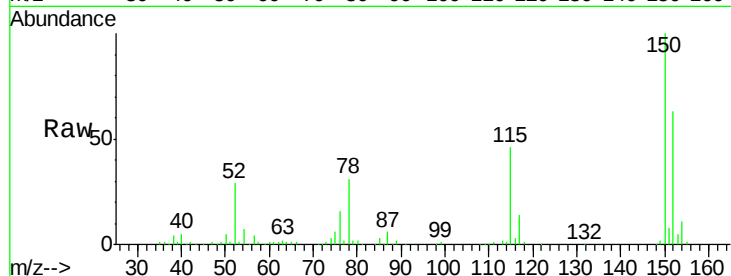
Tgt Ion:152 Resp: 138255

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

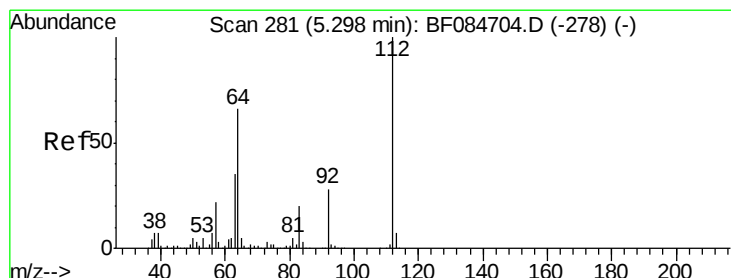
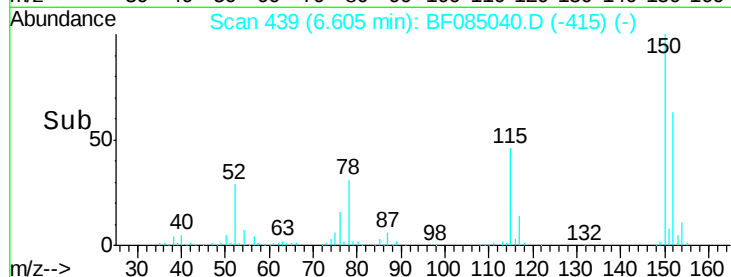
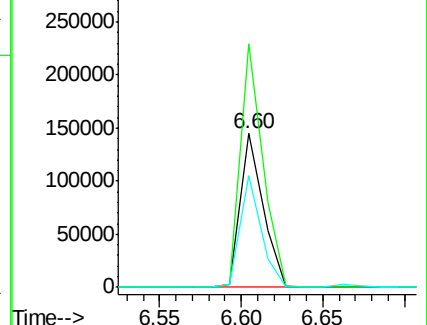
115 72.7 51.4 77.2



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: 110.84 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

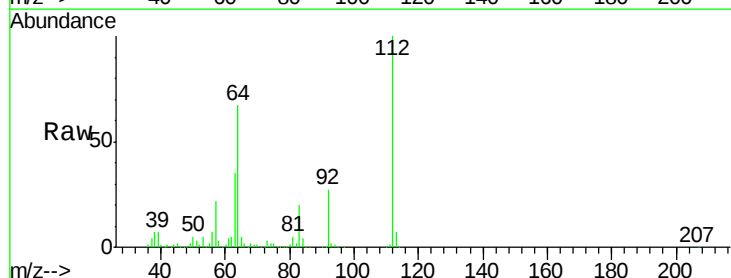
Tgt Ion:112 Resp: 983877

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

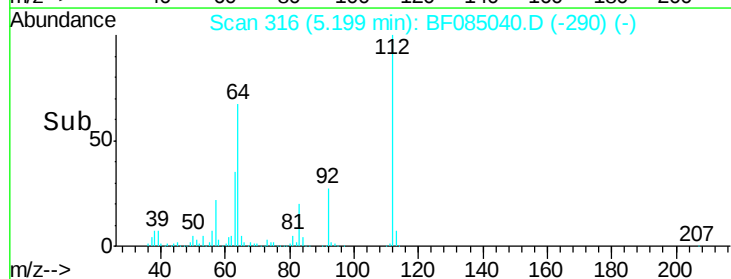
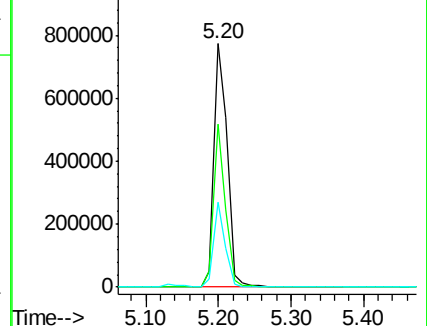
63 34.8 19.4 29.0#

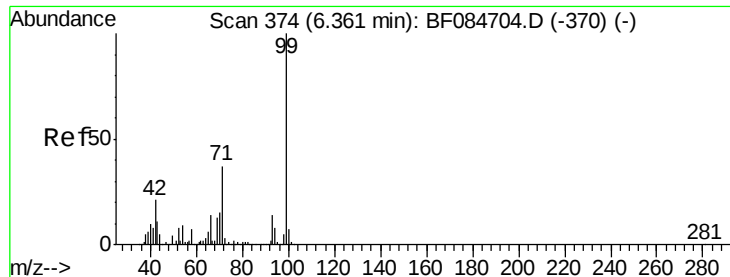


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.49 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

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ClientSampleId :

SUP-B039(9-11)

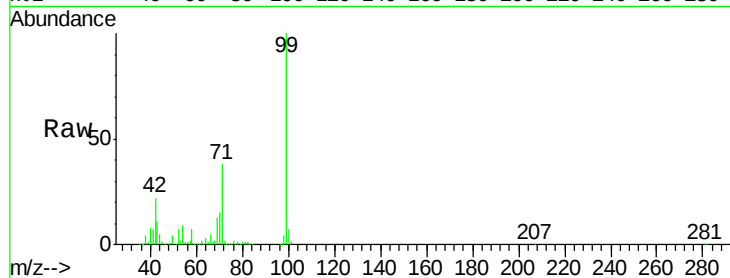
Tgt Ion: 99 Resp: 1204765

Ion Ratio Lower Upper

99 100

42 21.7 12.8 19.2#

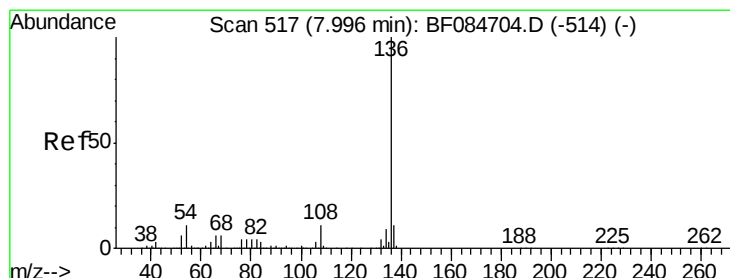
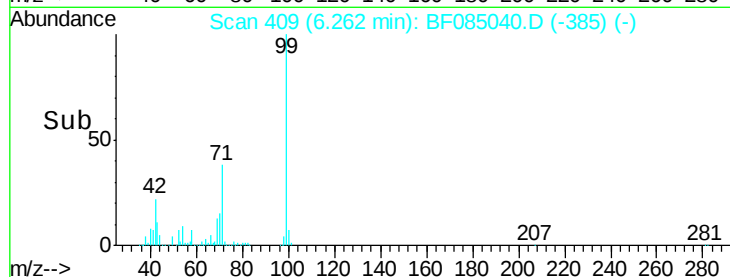
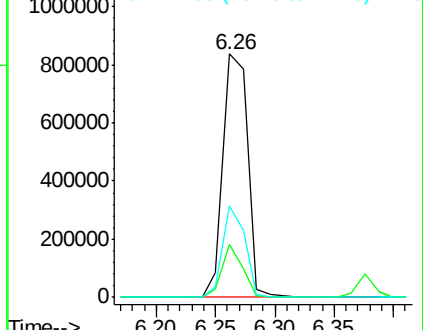
71 37.8 30.9 46.3



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: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Tgt Ion: 136 Resp: 592132

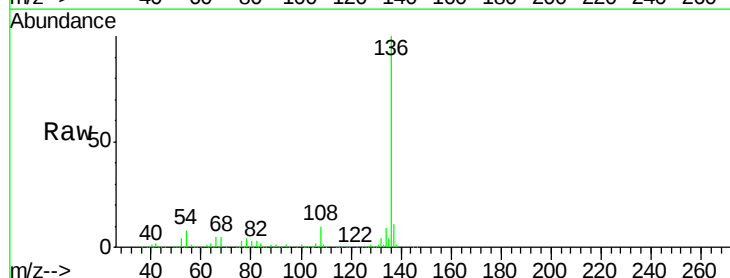
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.3 5.8 8.8

68 4.7 4.2 6.2

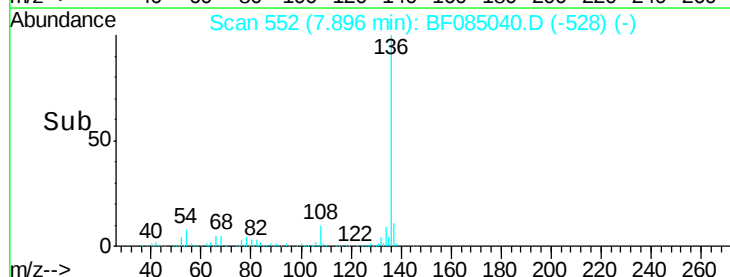
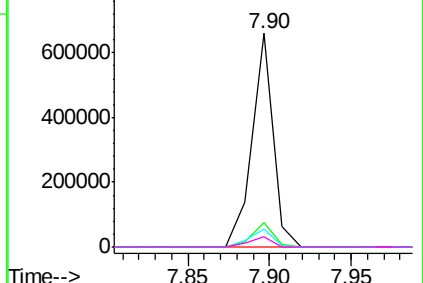


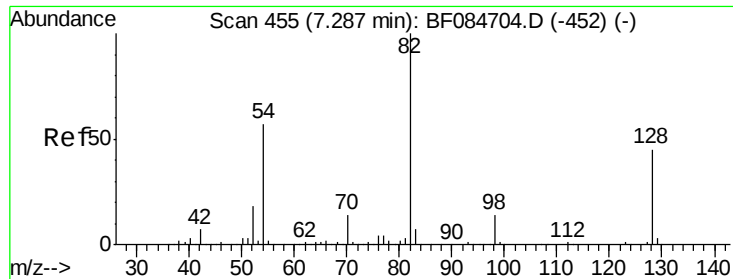
Abundance Ion 136.00 (135.70 to 136.70): E

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

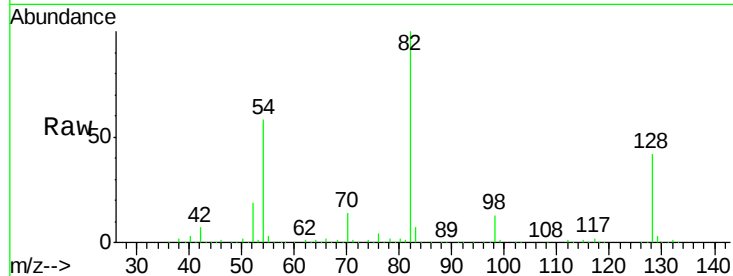




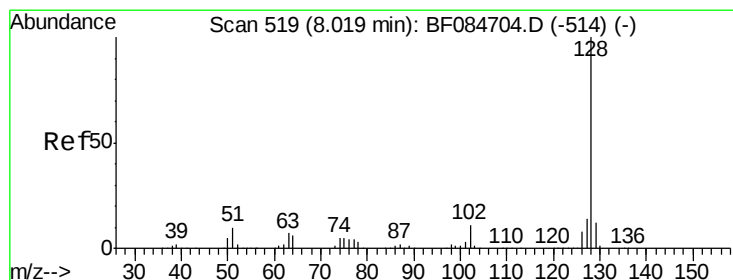
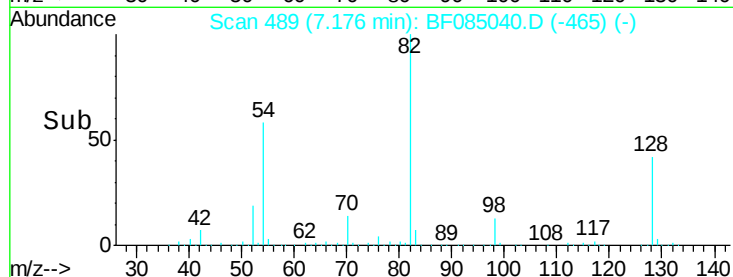
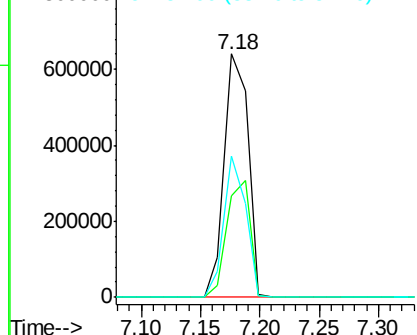
#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

Tgt Ion: 82 Resp: 891948
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 57.9 38.4 57.6#

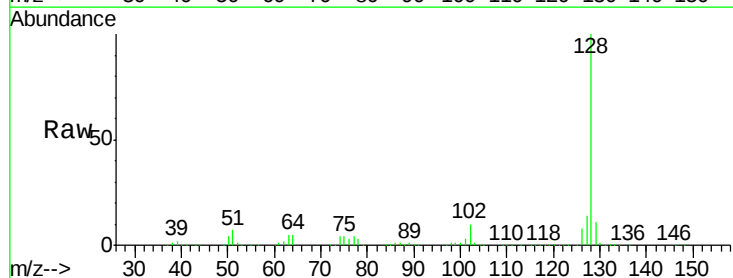


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

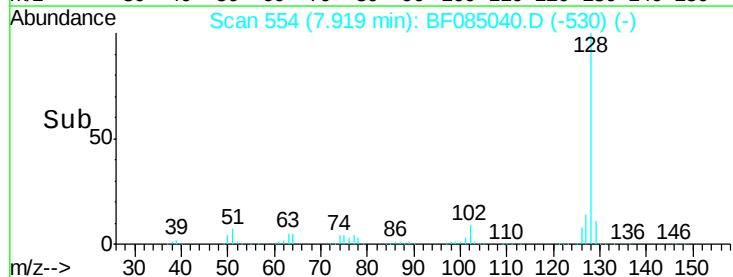
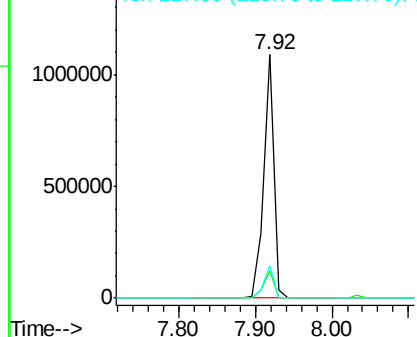


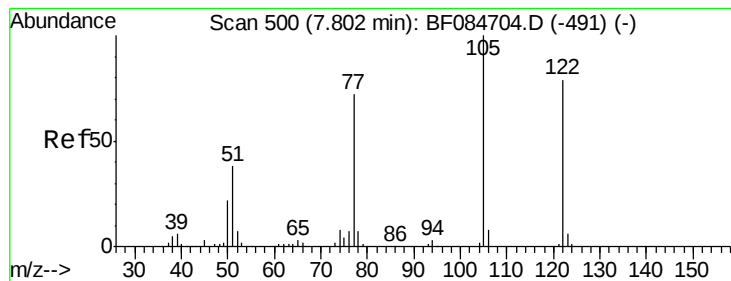
#31
 Naphthalene
 Concen: 32.96 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF085040.D
 Acq: 12 Feb 2016 4:39

Tgt Ion: 128 Resp: 979030
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.1 13.7
 127 13.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.01 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.08 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

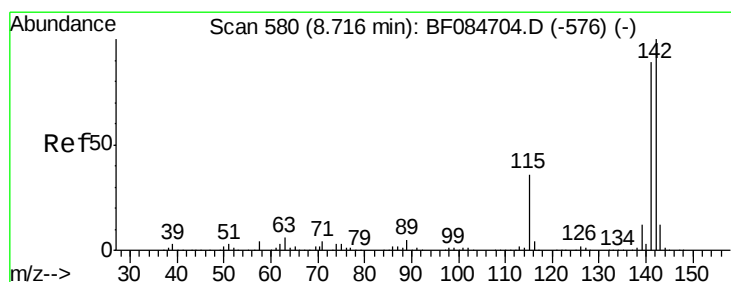
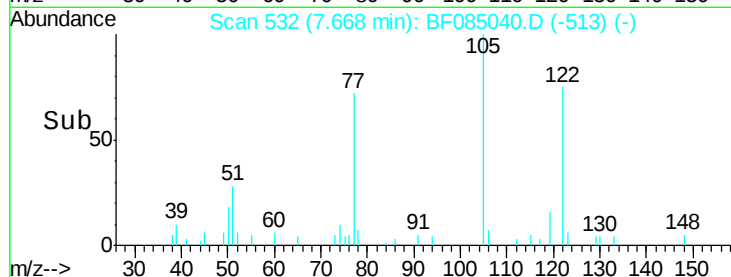
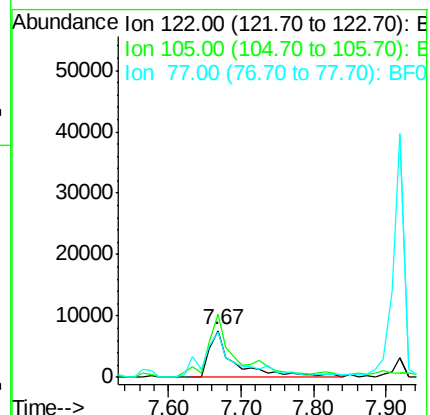
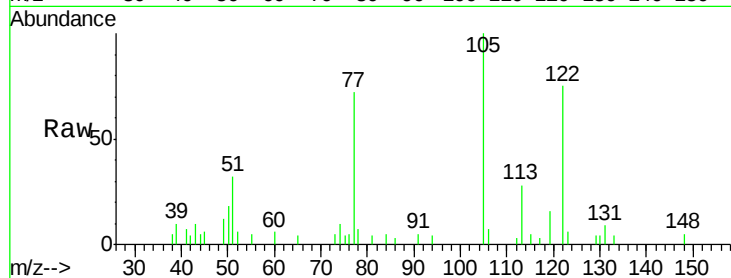
Tgt Ion:122 Resp: 18610

Ion Ratio Lower Upper

122 100

105 133.7 100.3 140.3

77 95.6 63.5 103.5



#37

2-Methylnaphthalene

Concen: 4.65 ng

RT: 8.60 min Scan# 614

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

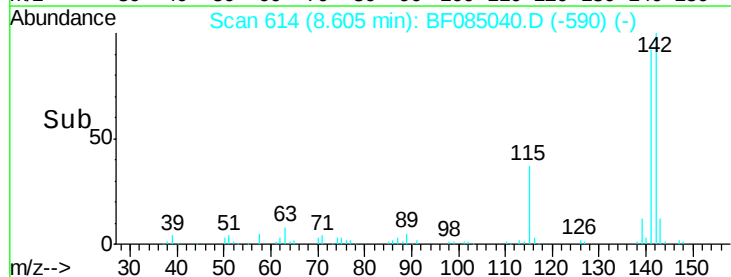
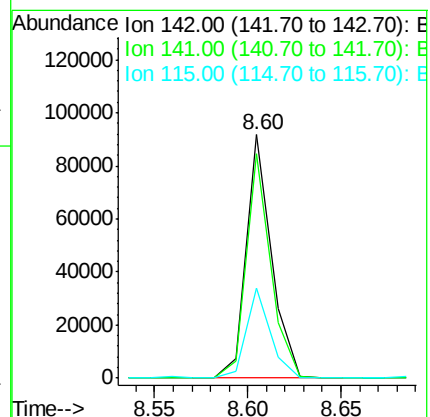
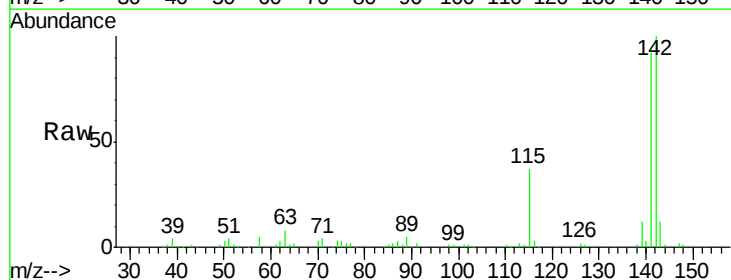
Tgt Ion:142 Resp: 86390

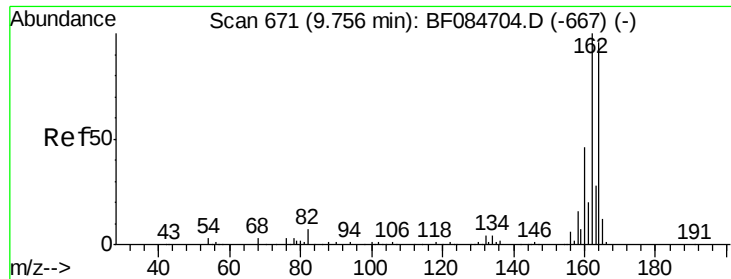
Ion Ratio Lower Upper

142 100

141 92.4 72.4 108.6

115 37.2 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

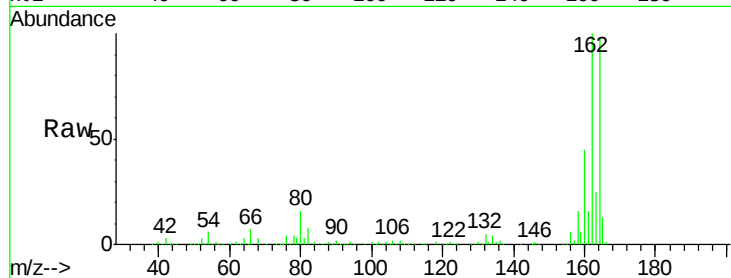
Tgt Ion:164 Resp: 289511

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

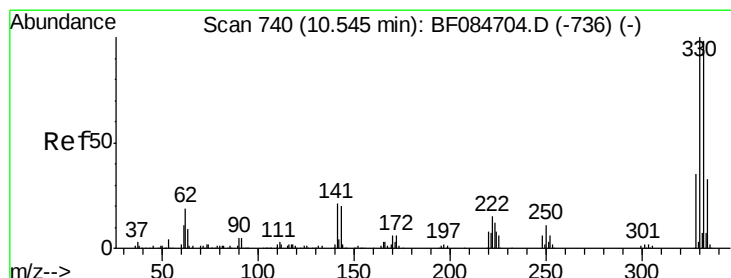
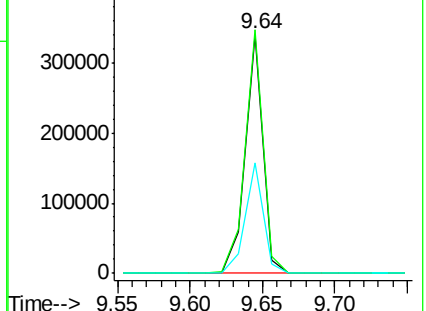
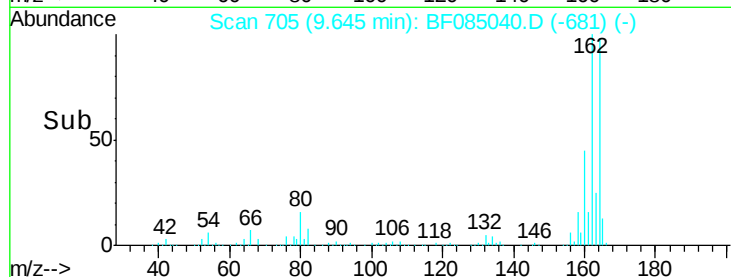
160 46.1 37.5 56.3



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: 110.73 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

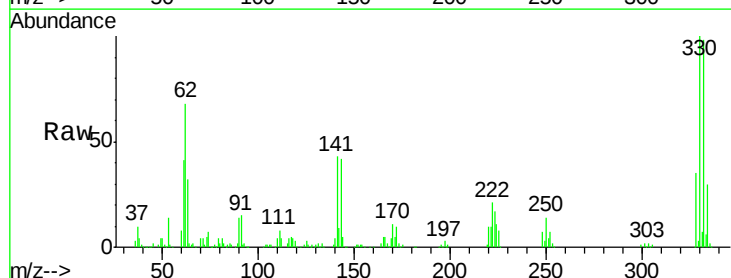
Tgt Ion:330 Resp: 334394

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

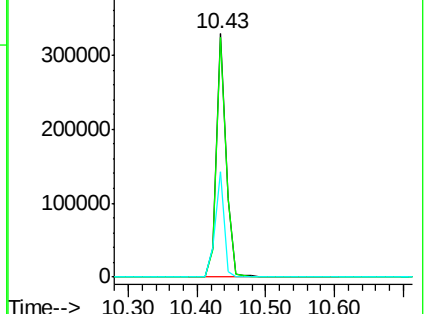
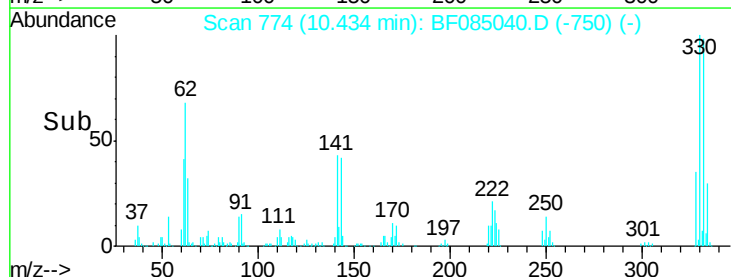
141 39.8 27.8 41.6

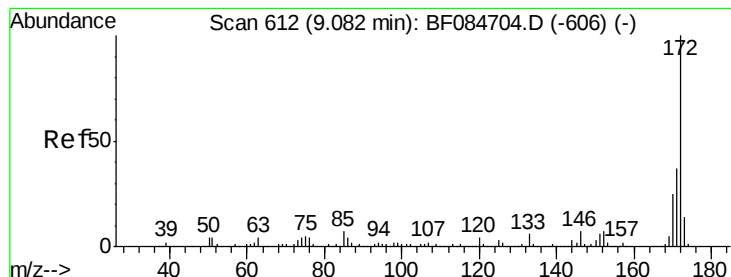


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 109.52 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

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ClientSampleId :

SUP-B039(9-11)

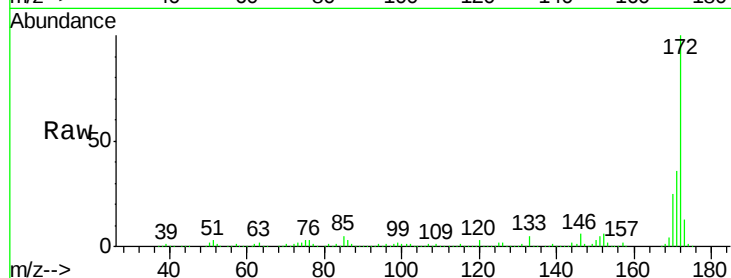
Tgt Ion:172 Resp: 1701274

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

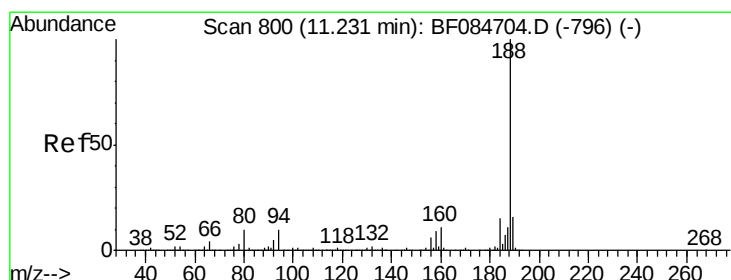
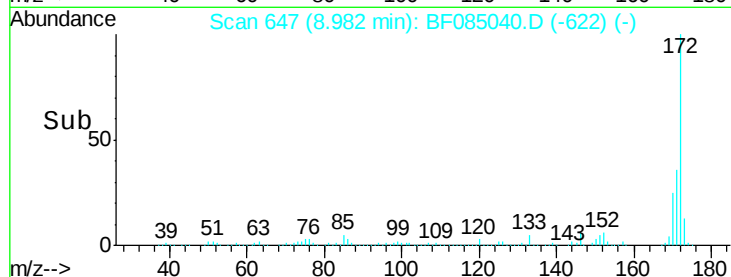
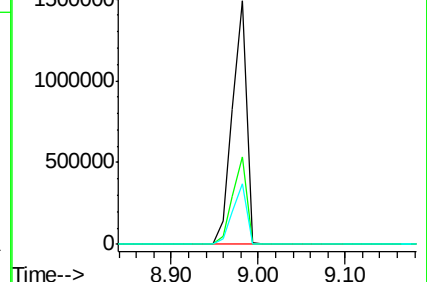
170 24.7 18.6 27.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

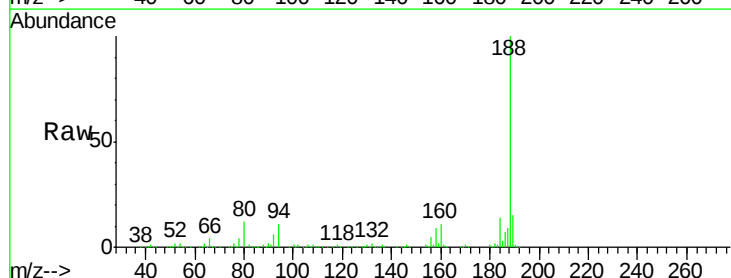
Tgt Ion:188 Resp: 478864

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

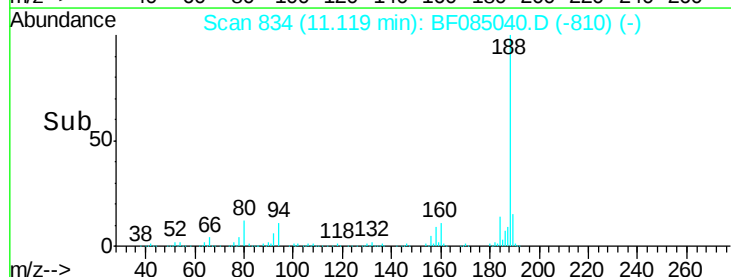
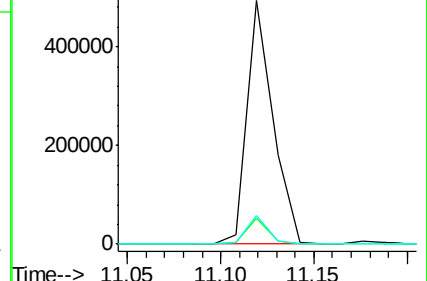
80 11.7 9.6 14.4

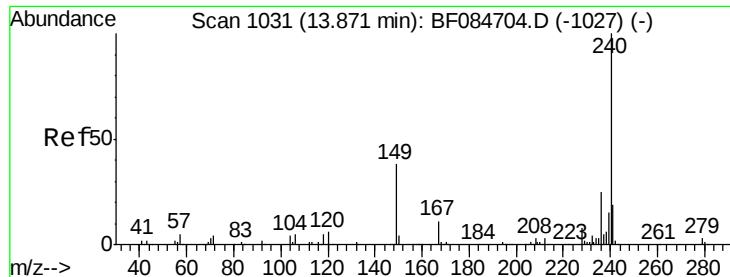


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

Instrument :

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ClientSampleId :

SUP-B039(9-11)

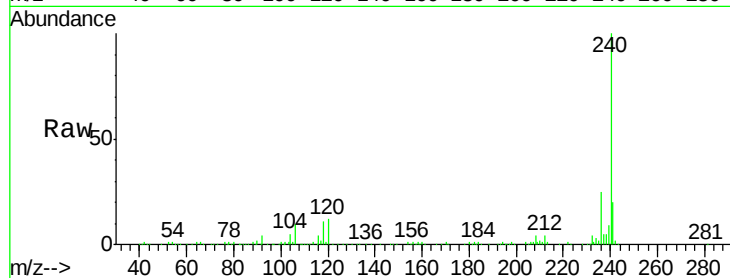
Tgt Ion:240 Resp: 319536

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

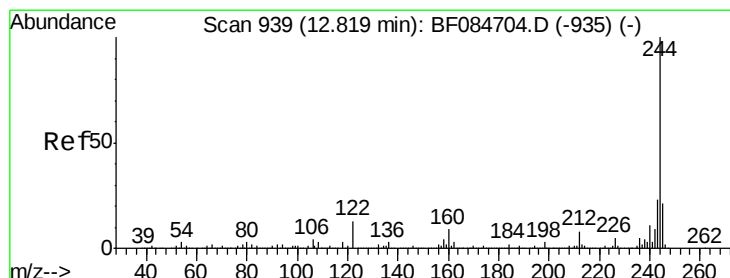
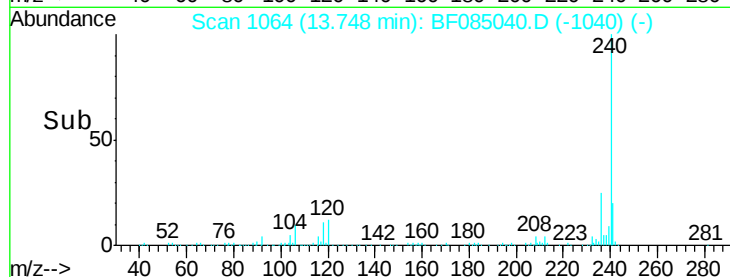
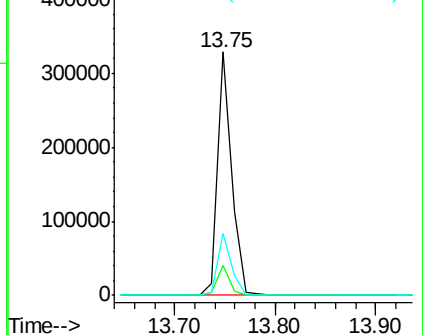
236 25.2 20.6 31.0



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: 98.28 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085040.D

Acq: 12 Feb 2016 4:39

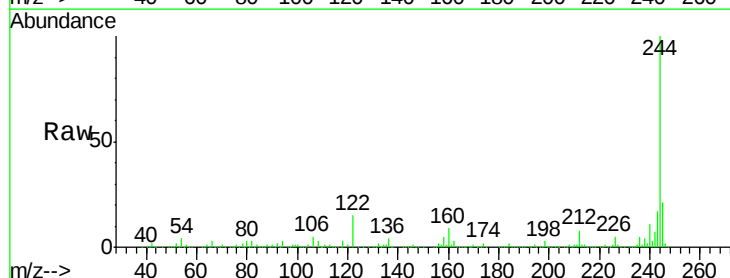
Tgt Ion:244 Resp: 1385872

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

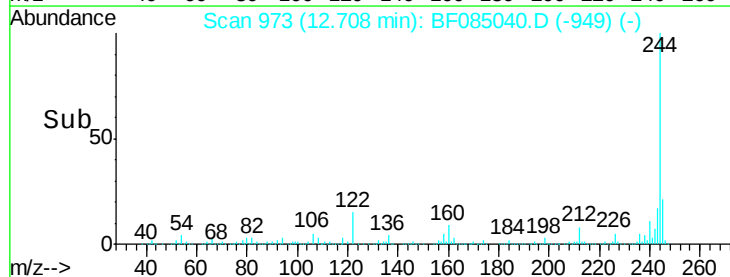
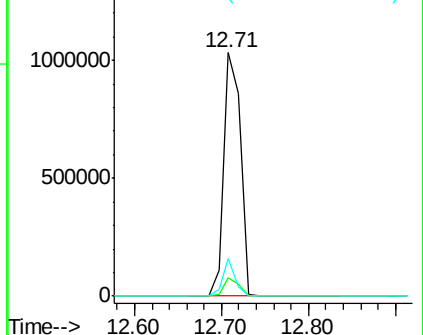
122 15.2 7.4 11.0#

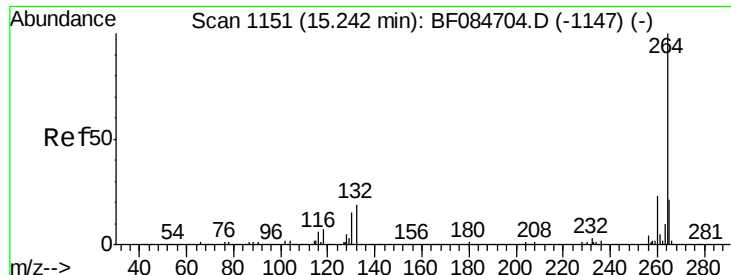


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

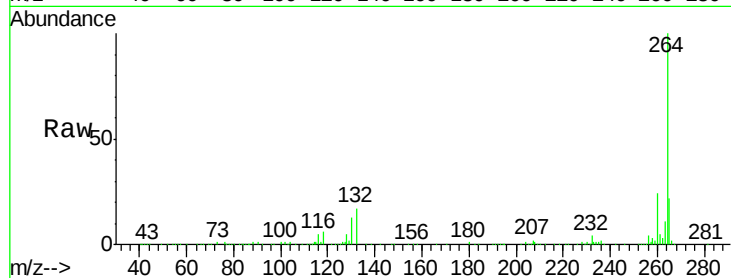




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085040.D
Acq: 12 Feb 2016 4:39

Instrument :
BNA_F
ClientSampleId :
SUP-B039(9-11)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	17.8	26.6



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

