

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085332.D
 Acq On : 10 Mar 2016 14:44
 Operator : UM/SJ
 Sample : H1717-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1602294167

Quant Time: Mar 10 16:46:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:13:07 2016
 Response via : Initial Calibration

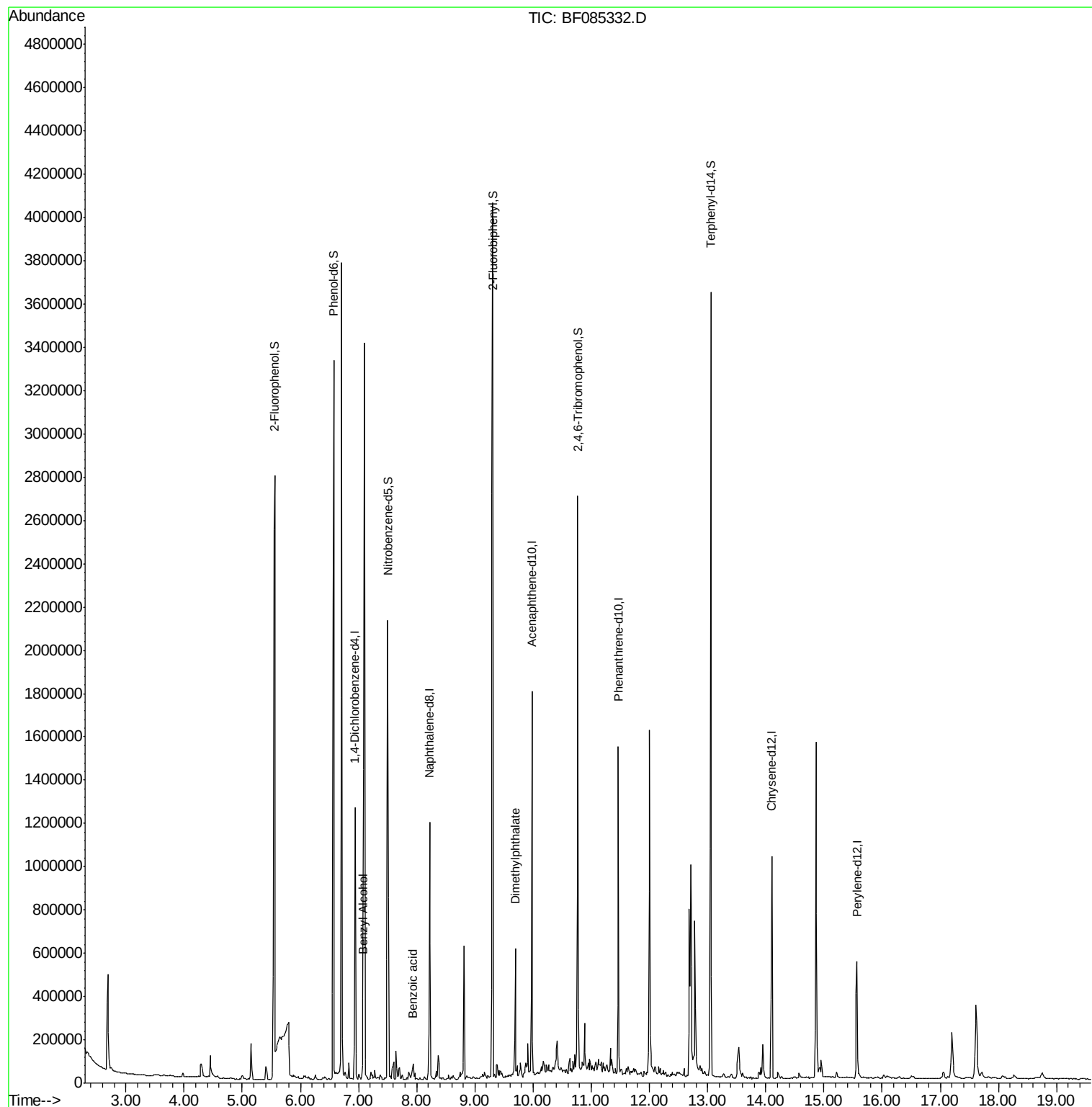
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	175057	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	645534	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	333872	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	529594	20.00	ng	0.00
75) Chrysene-d12	14.11	240	364213	20.00	ng	0.00
86) Perylene-d12	15.57	264	272254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1229561	117.82	ng	0.02
7) Phenol-d6	6.57	99	1548280	113.24	ng	0.01
23) Nitrobenzene-d5	7.50	82	857894	71.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	323897	113.38	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1658497	75.55	ng	0.00
78) Terphenyl-d14	13.05	244	1178787	75.13	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.08	79	85980	8.57	ng	96
32) Benzoic acid	7.93	122	21729	3.00	ng	99
49) Dimethylphthalate	9.69	163	228562	8.92	ng	99

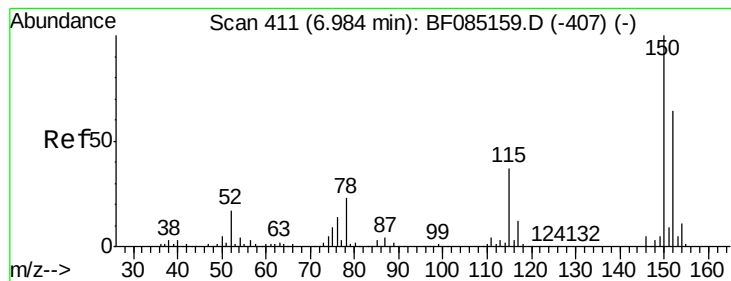
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

Instrument :

BNA_F

ClientSampleId :

1602294167

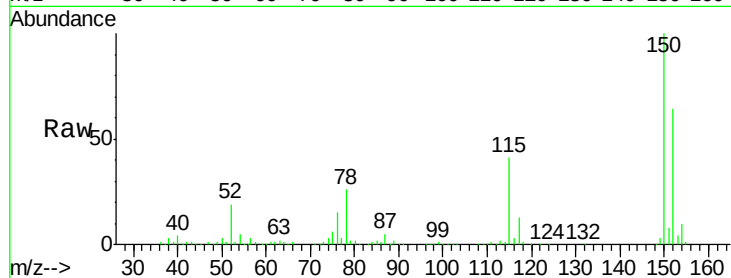
Tgt Ion:152 Resp: 175057

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

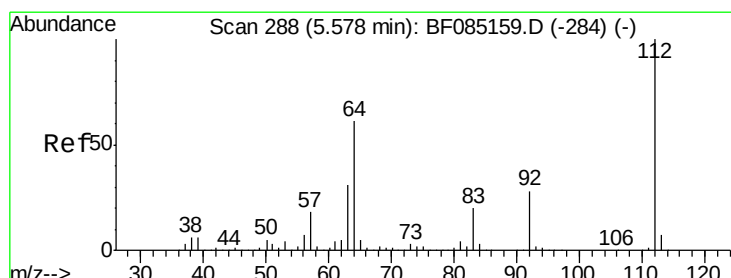
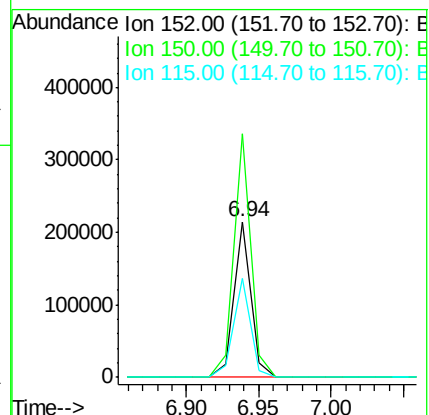
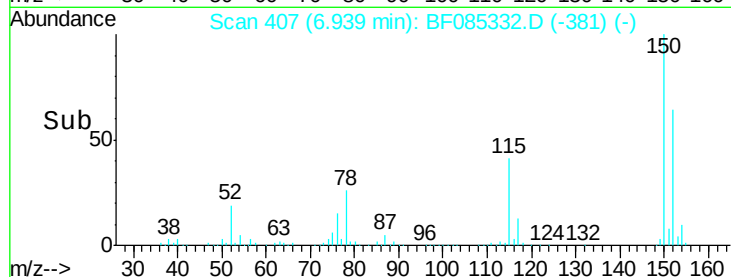
115 63.3 46.6 70.0



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: 117.82 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

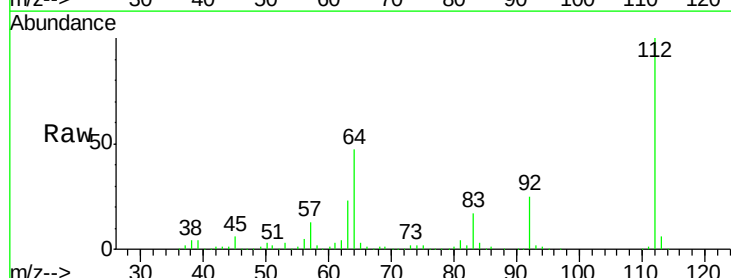
Tgt Ion:112 Resp: 1229561

Ion Ratio Lower Upper

112 100

64 46.6 49.0 73.4#

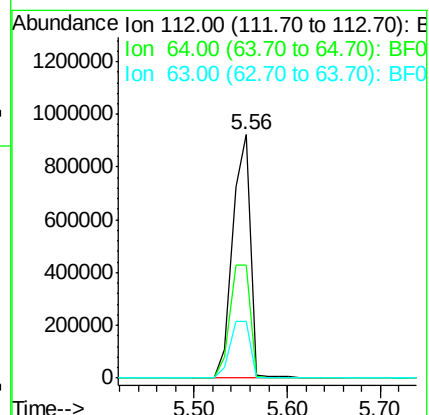
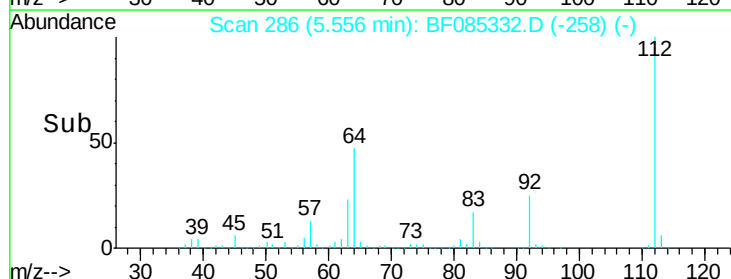
63 23.3 24.8 37.2#

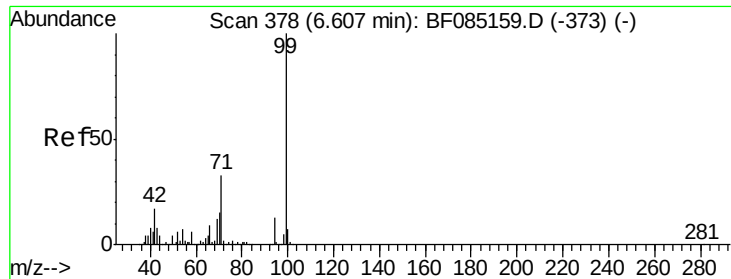


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.24 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

Instrument :

BNA_F

ClientSampleId :

1602294167

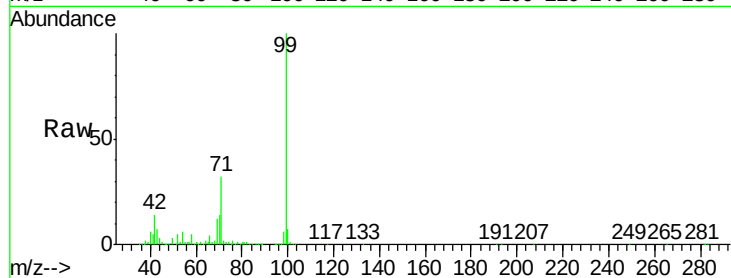
Tgt Ion: 99 Resp: 1548280

Ion Ratio Lower Upper

99 100

42 14.4 13.6 20.4

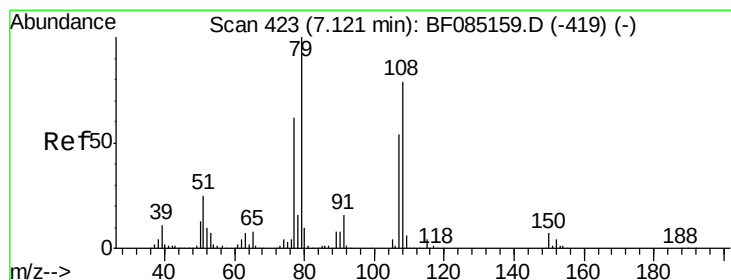
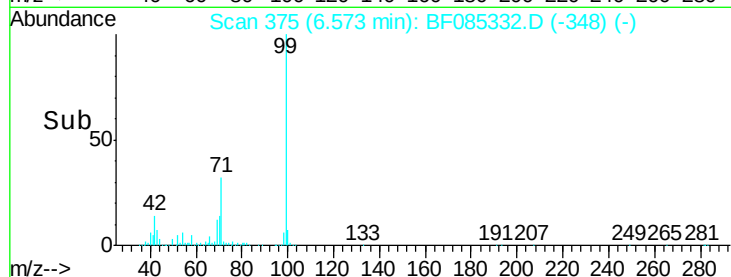
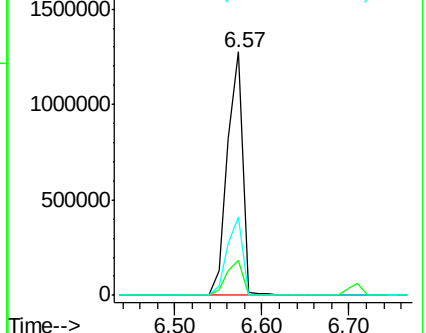
71 32.4 26.7 40.1



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



#15

Benzyl Alcohol

Concen: 8.57 ng

RT: 7.08 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

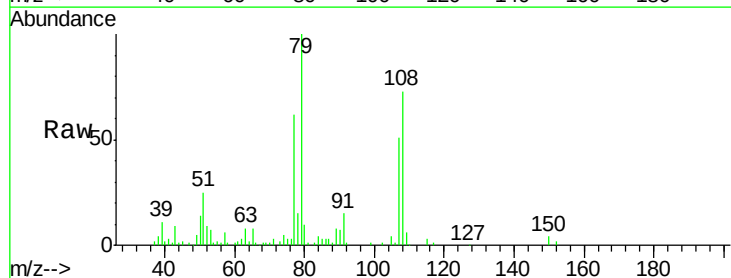
Tgt Ion: 79 Resp: 85980

Ion Ratio Lower Upper

79 100

108 73.0 62.9 94.3

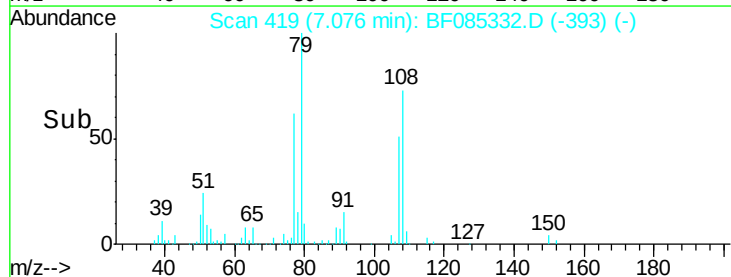
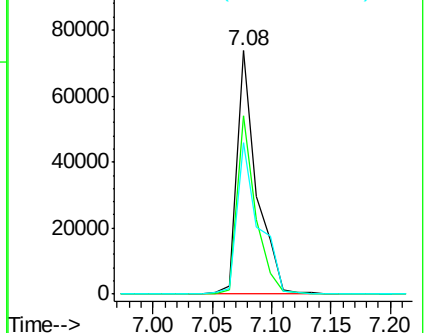
77 62.4 49.5 74.3

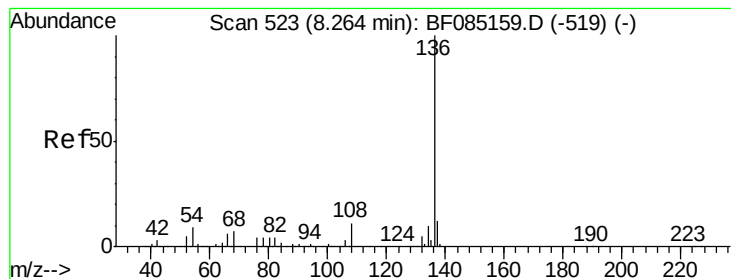


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

Instrument :

BNA_F

ClientSampleId :

1602294167

Tgt Ion:136 Resp: 645534

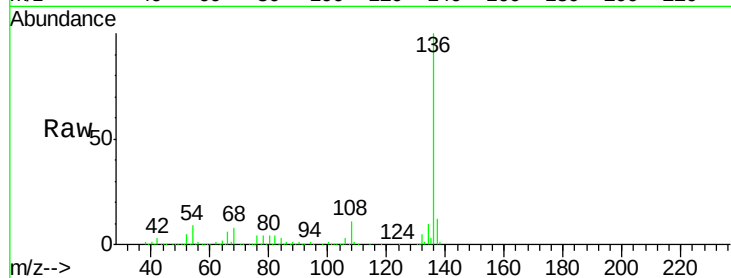
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.1 7.4 11.2

68 7.7 6.0 9.0

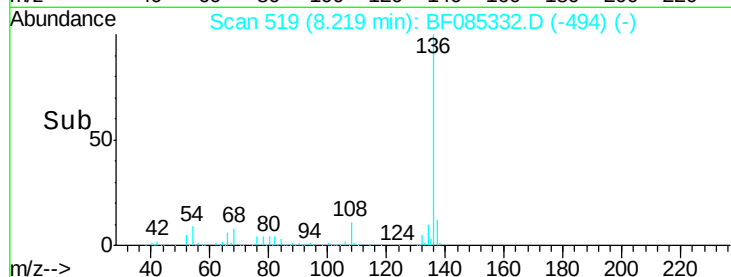


Abundance Ion 136.00 (135.70 to 136.70): E

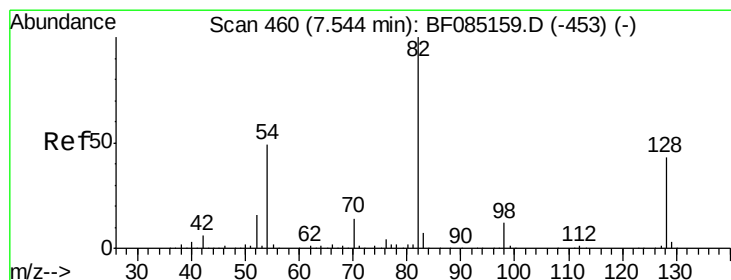
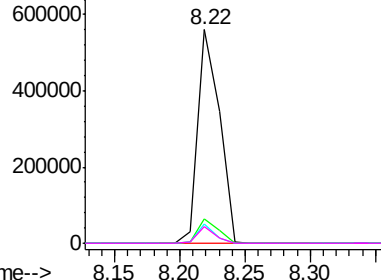
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 71.12 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

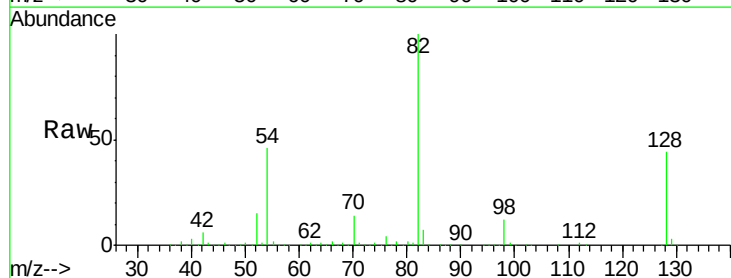
Tgt Ion: 82 Resp: 857894

Ion Ratio Lower Upper

82 100

128 43.8 34.5 51.7

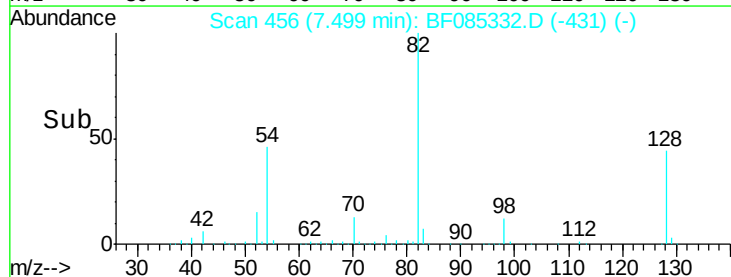
54 46.2 39.3 58.9



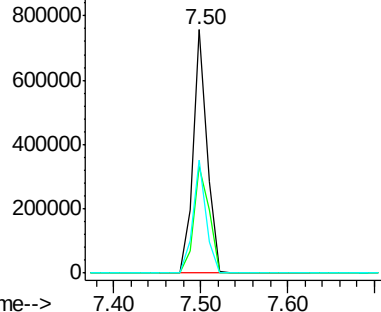
Abundance Ion 82.00 (81.70 to 82.70): BF0

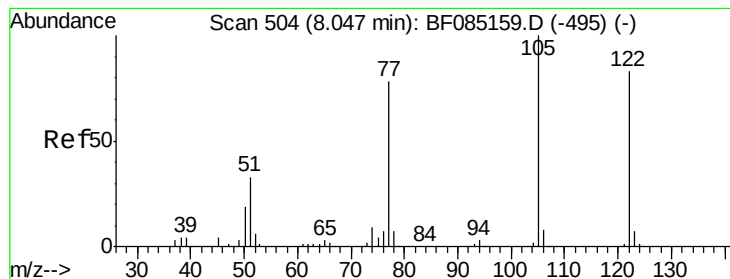
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#32

Benzoic acid

Concen: 3.00 ng

RT: 7.93 min Scan# 494

Delta R.T. -0.06 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

Instrument :

BNA_F

ClientSampleId :

1602294167

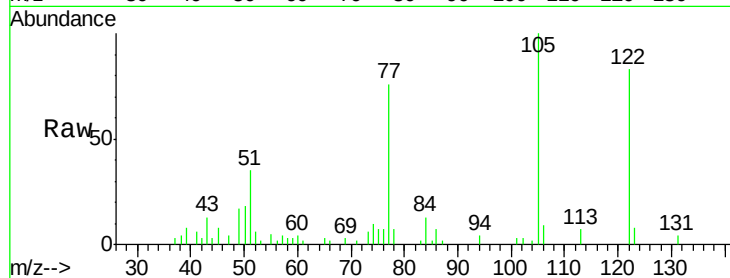
Tgt Ion:122 Resp: 21729

Ion Ratio Lower Upper

122 100

105 121.1 101.3 141.3

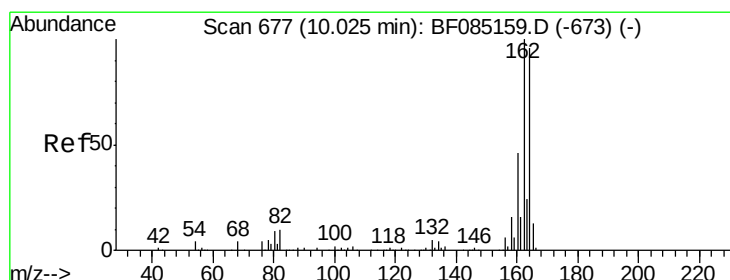
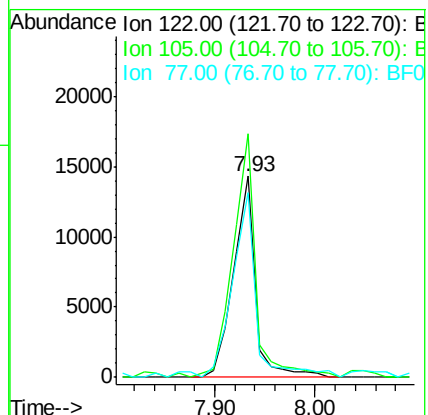
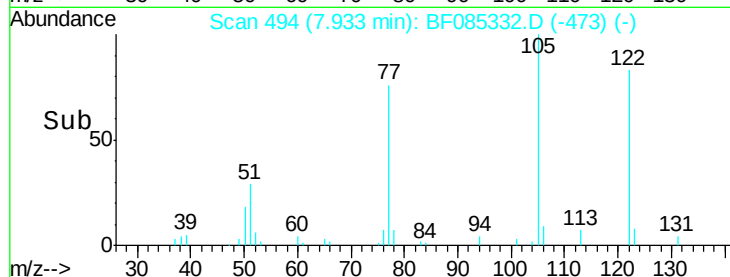
77 92.0 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

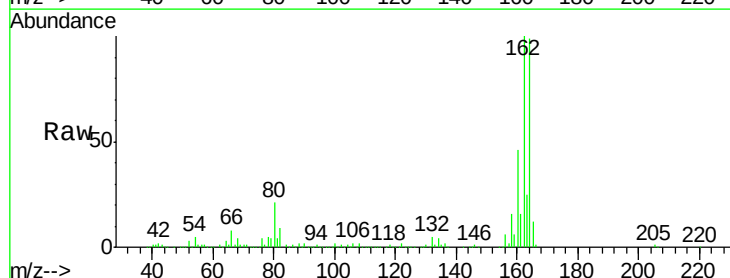
Tgt Ion:164 Resp: 333872

Ion Ratio Lower Upper

164 100

162 101.2 83.3 124.9

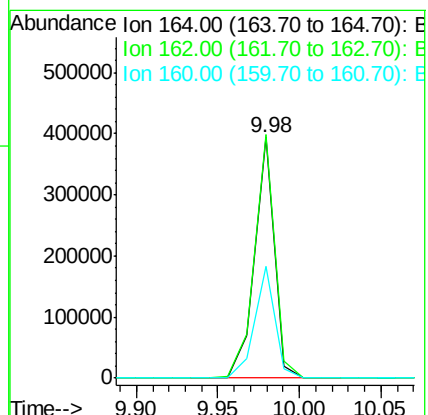
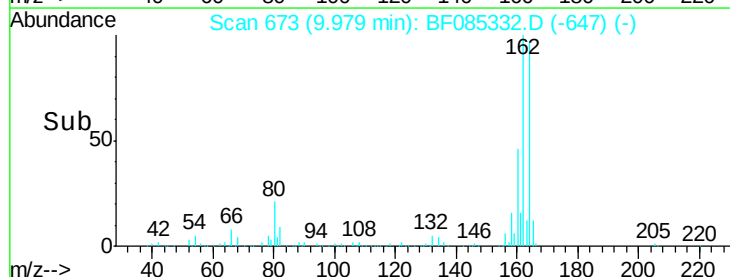
160 46.5 37.9 56.9

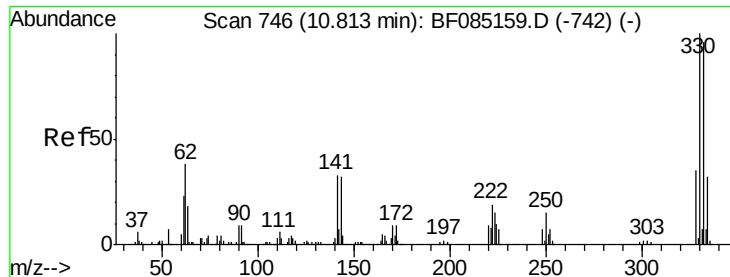


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

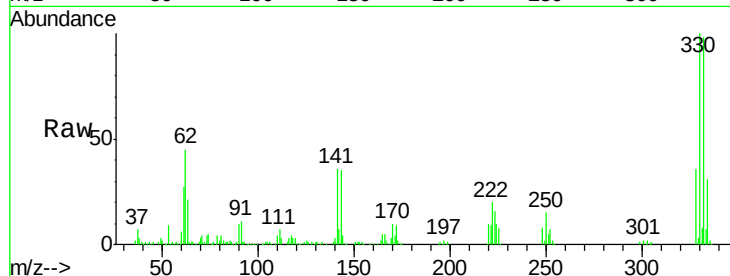




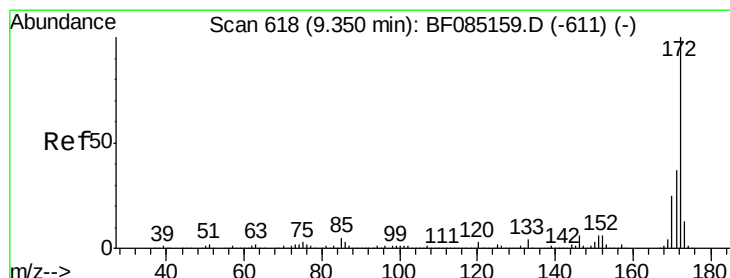
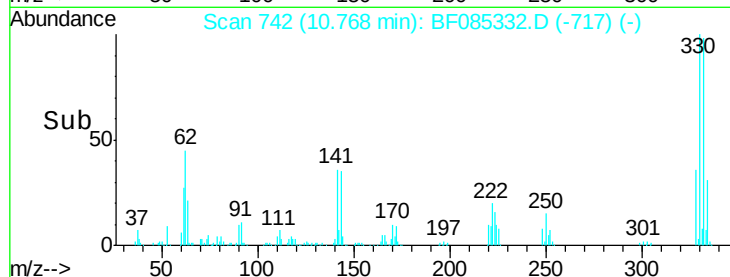
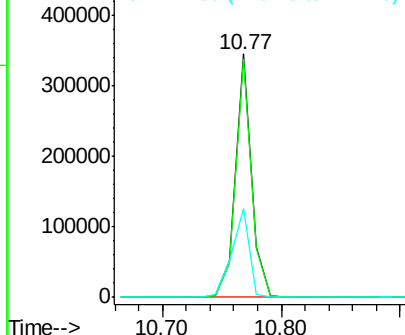
#41
 2,4,6-Tribromophenol
 Concen: 113.38 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085332.D
 Acq: 10 Mar 2016 14:44

Instrument :
 BNA_F
 ClientSampleId :
 1602294167

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	39.5	35.0	52.6

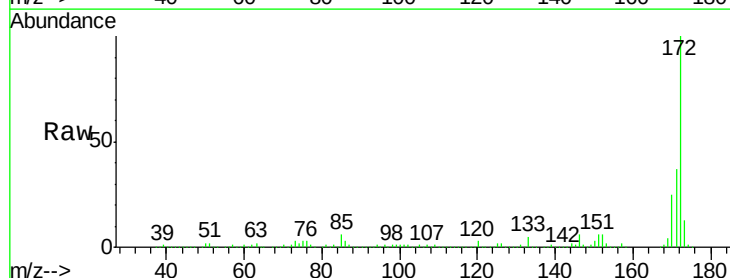


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

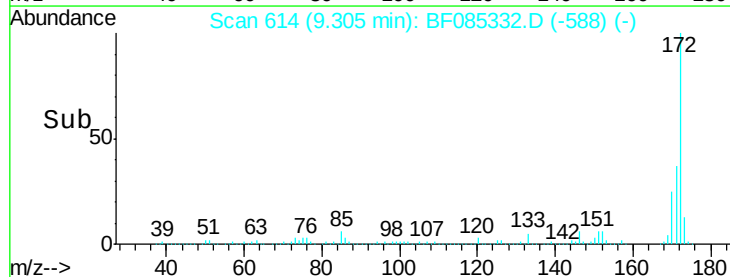
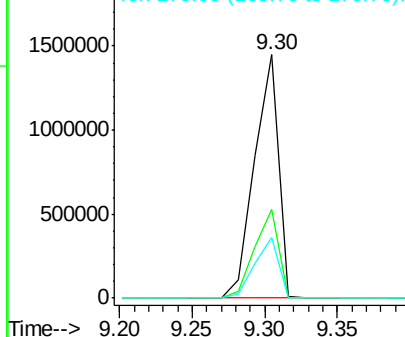


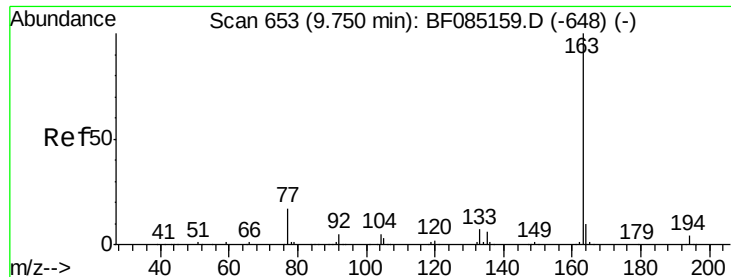
#44
 2-Fluorobiphenyl
 Concen: 75.55 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085332.D
 Acq: 10 Mar 2016 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.7	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





#49

Dimethylphthalate

Concen: 8.92 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

Instrument :

BNA_F

ClientSampleId :

1602294167

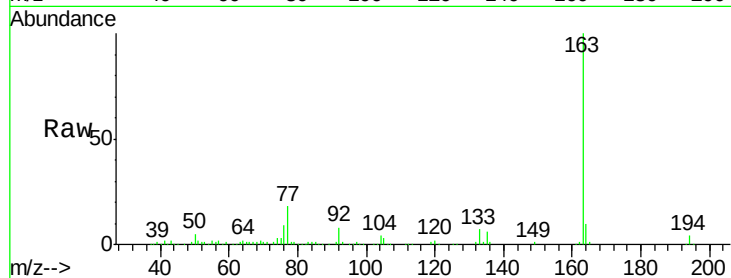
Tgt Ion:163 Resp: 228562

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

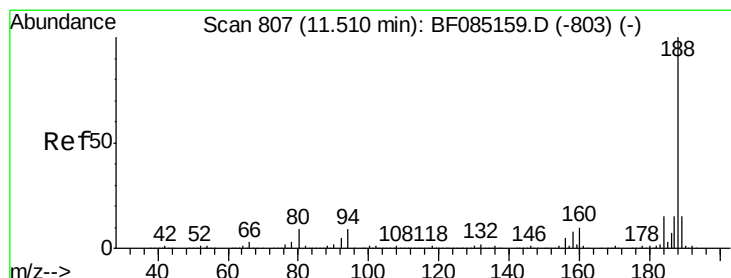
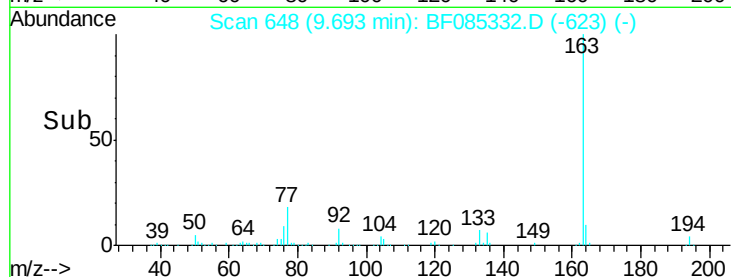
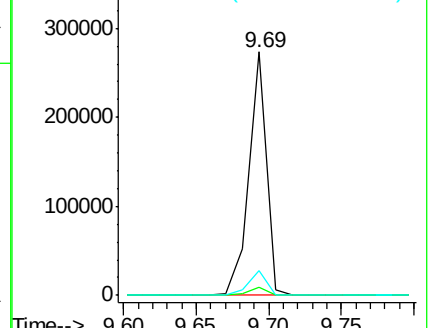
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

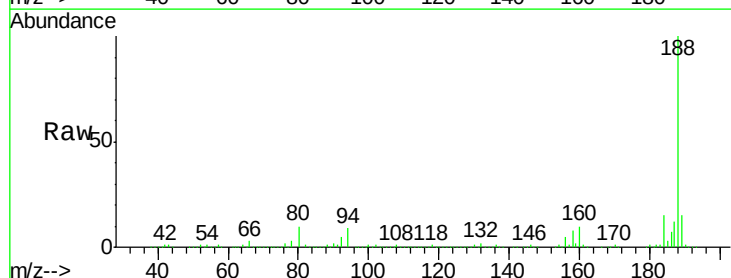
Tgt Ion:188 Resp: 529594

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

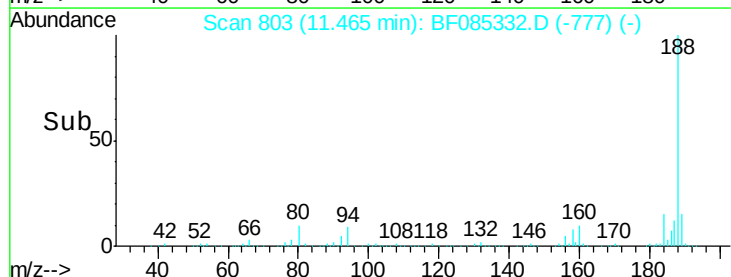
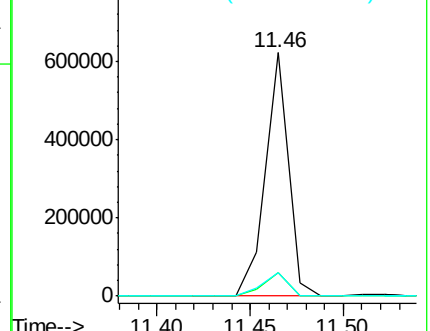
80 9.8 7.4 11.0

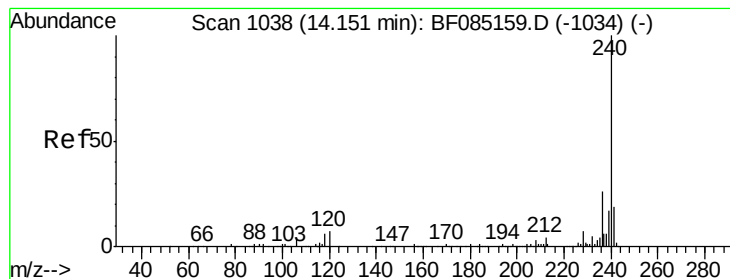


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

Instrument :

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ClientSampleId :

1602294167

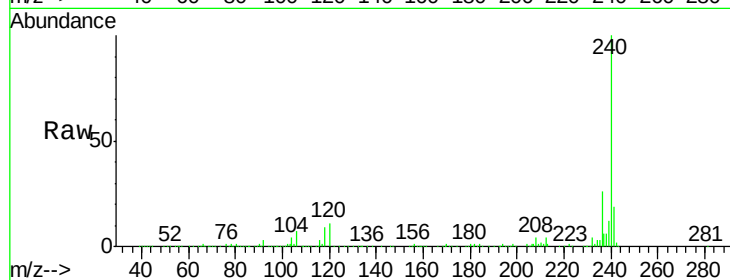
Tgt Ion:240 Resp: 364213

Ion Ratio Lower Upper

240 100

120 10.5 5.3 7.9#

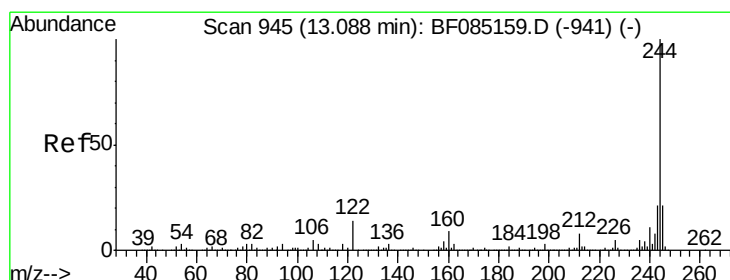
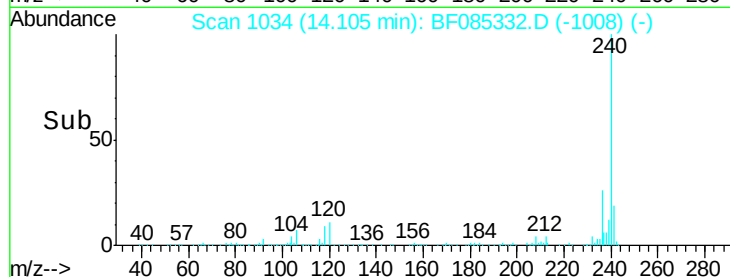
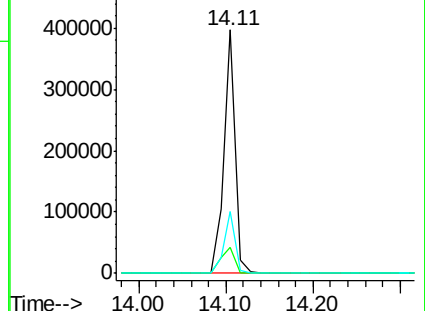
236 25.6 20.7 31.1



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: 75.13 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085332.D

Acq: 10 Mar 2016 14:44

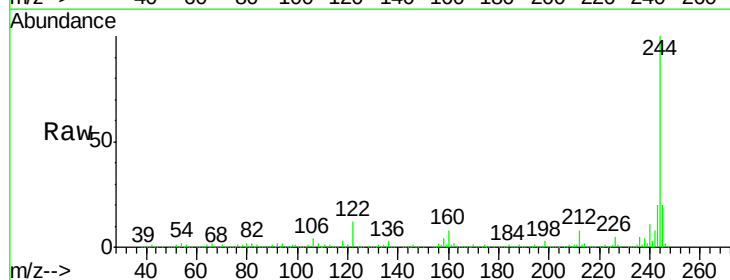
Tgt Ion:244 Resp: 1178787

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

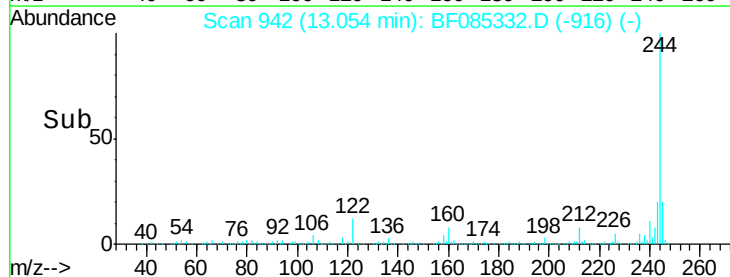
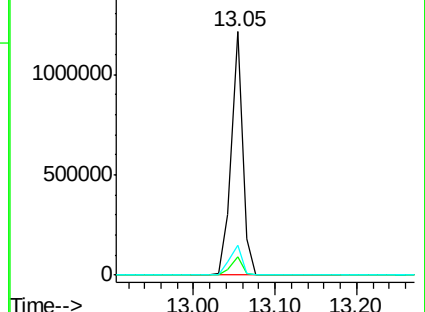
122 12.5 11.4 17.2

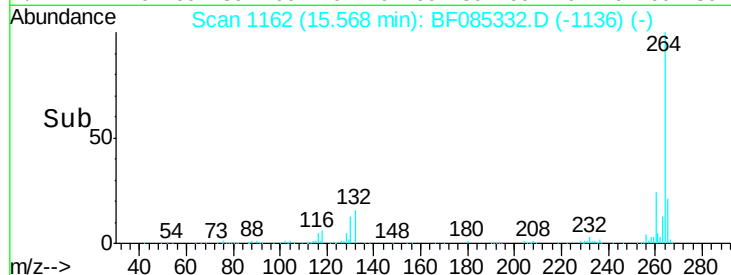
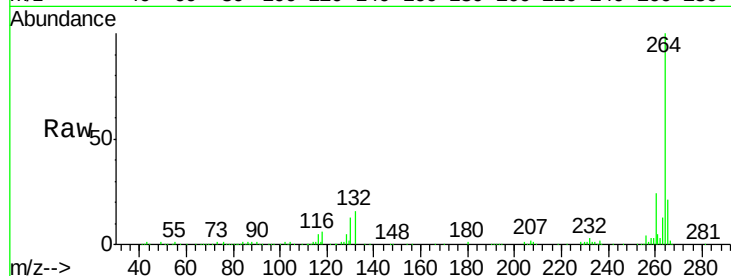
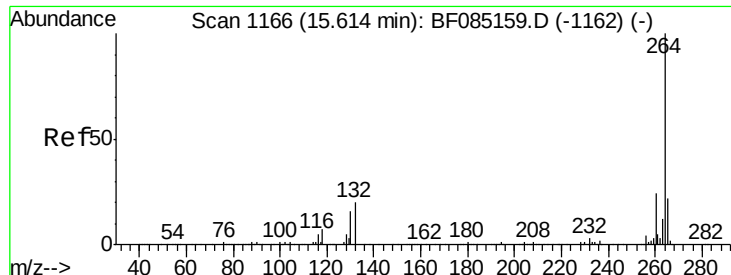


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085332.D
Acq: 10 Mar 2016 14:44

Instrument :
BNA_F
ClientSampleId :
1602294167

Tgt Ion:	264	Resp:	272254
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.3	25.9

