

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085257.D
 Acq On : 8 Mar 2016 15:55
 Operator : UM/SJ
 Sample : H1713-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-MW-01

Quant Time: Mar 09 00:03:02 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

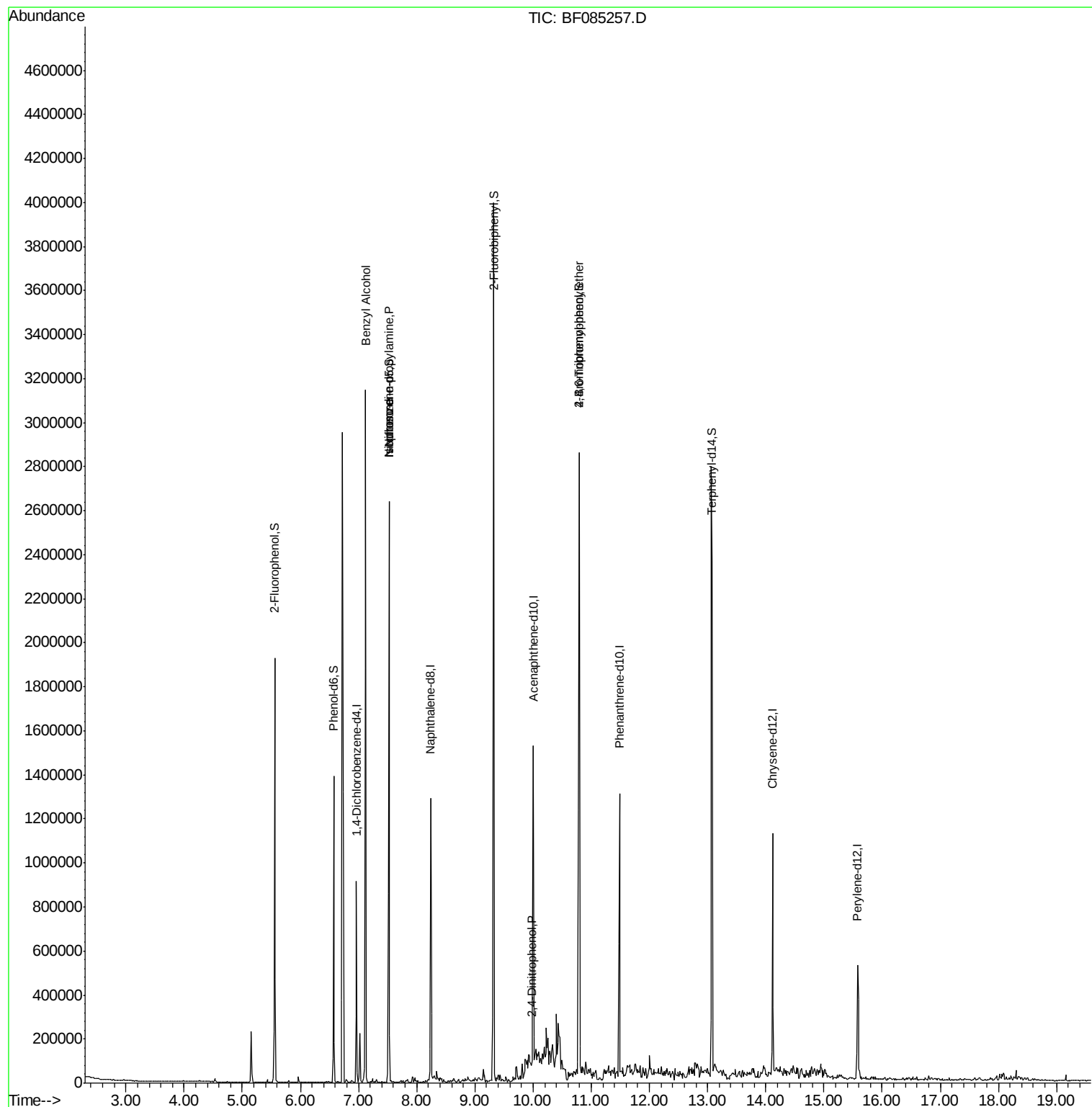
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	143891	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	557094	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	268630	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	519405	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	349117	20.00	ng	-0.03
86) Perylene-d12	15.58	264	251822	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	542229	63.21	ng	-0.02
7) Phenol-d6	6.57	99	436576	38.85	ng	-0.03
23) Nitrobenzene-d5	7.52	82	906093	87.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	347296	151.09	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1699262	96.20	ng	-0.02
78) Terphenyl-d14	13.08	244	1209104	80.40	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	712	Below Cal	#	2
15) Benzyl Alcohol	7.12	79	16685	2.02 ng	#	41
19) n-Nitroso-di-n-propylamine	7.52	70	121158	16.54 ng	#	78
25) Isophorone	7.52	82	688825	35.70 ng	#	67
53) 2,4-Dinitrophenol	9.98	184	446	8.21 ng	#	1
66) 4-Bromophenyl-phenylether	10.79	248	25197	5.00 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: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

Instrument :

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ClientSampleId :

SUP-MW-01

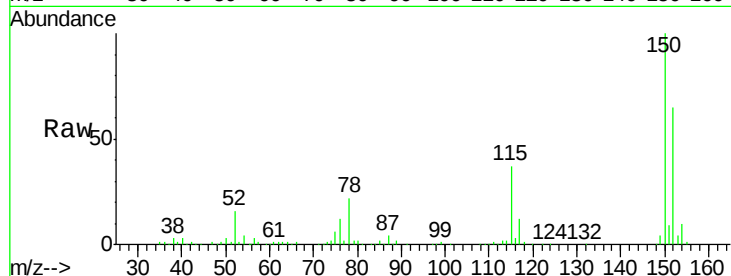
Tgt Ion:152 Resp: 143891

Ion Ratio Lower Upper

152 100

150 153.8 124.6 186.8

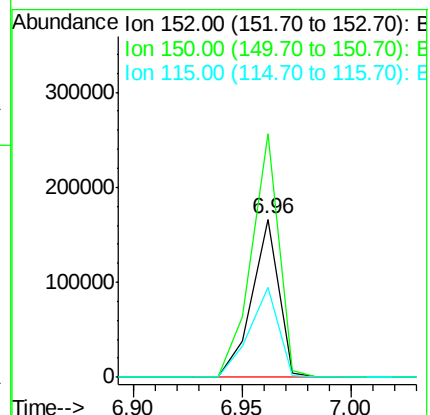
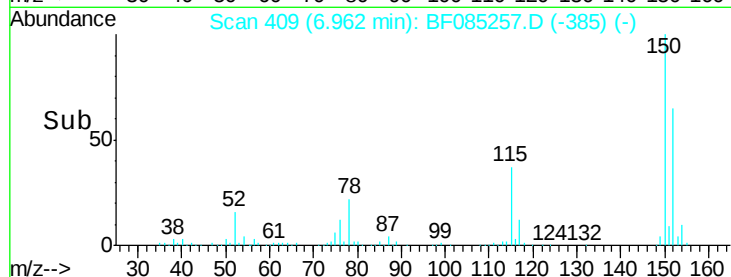
115 56.8 46.6 70.0



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: 63.21 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

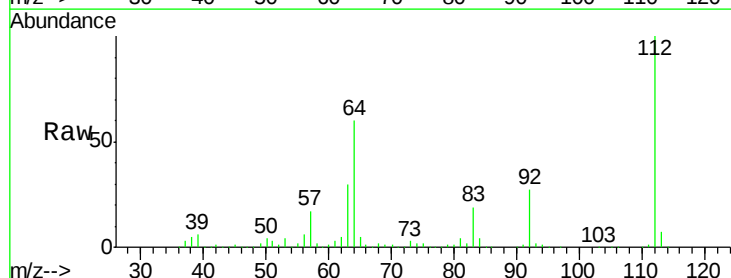
Tgt Ion:112 Resp: 542229

Ion Ratio Lower Upper

112 100

64 59.8 49.0 73.4

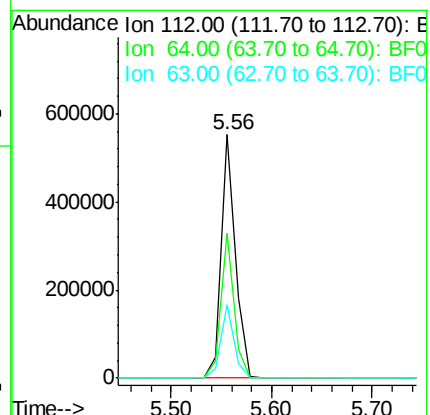
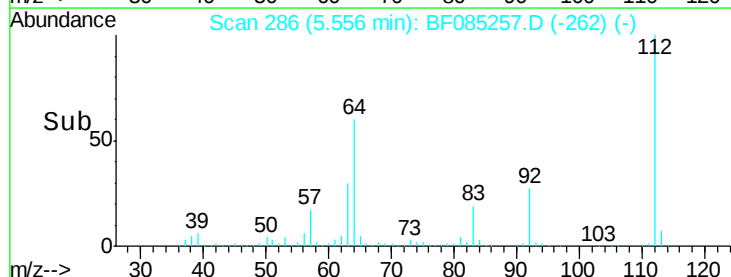
63 30.0 24.8 37.2



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: 38.85 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

Instrument :

BNA_F

ClientSampleId :

SUP-MW-01

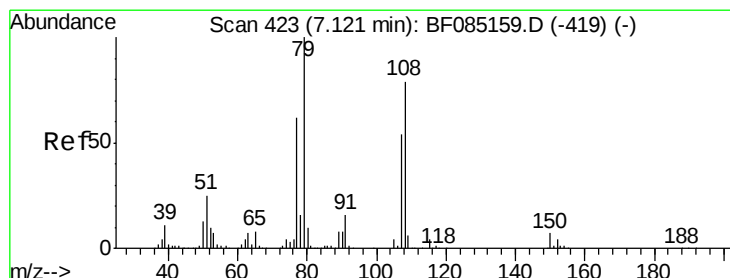
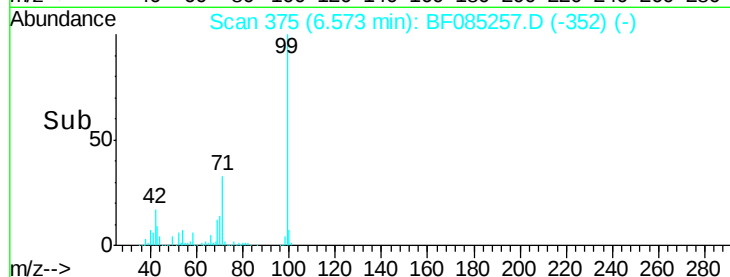
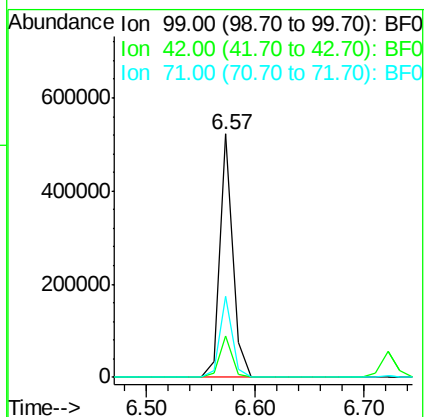
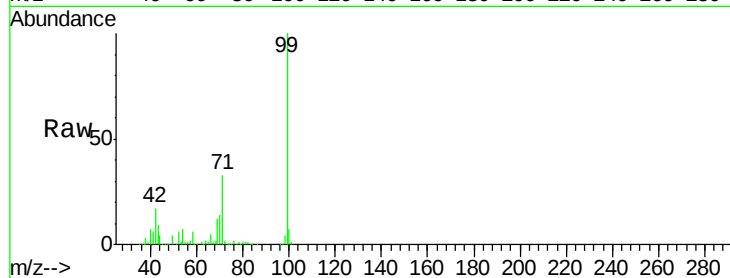
Tgt Ion: 99 Resp: 436576

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

71 33.1 26.7 40.1



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

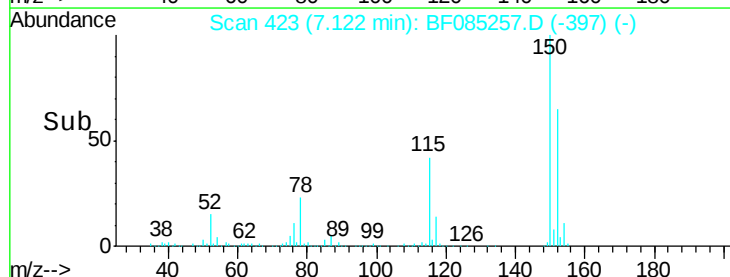
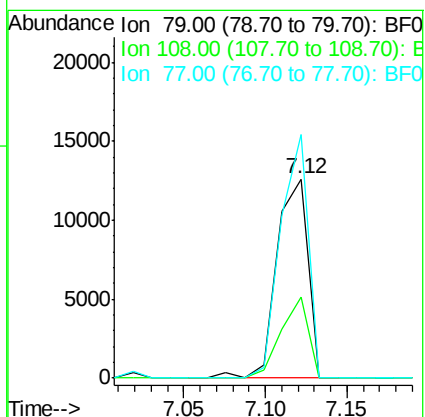
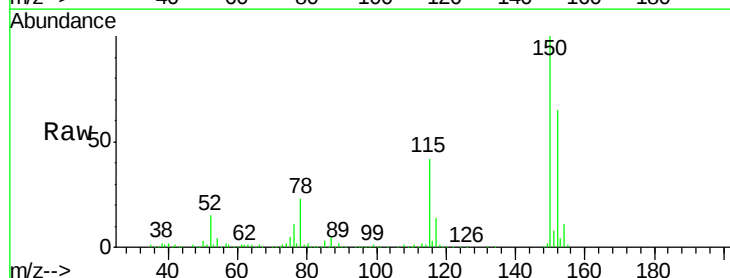
Tgt Ion: 79 Resp: 16685

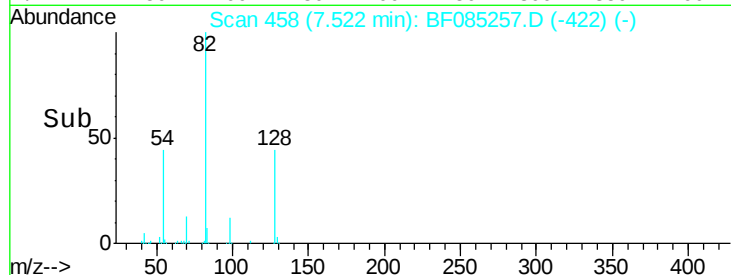
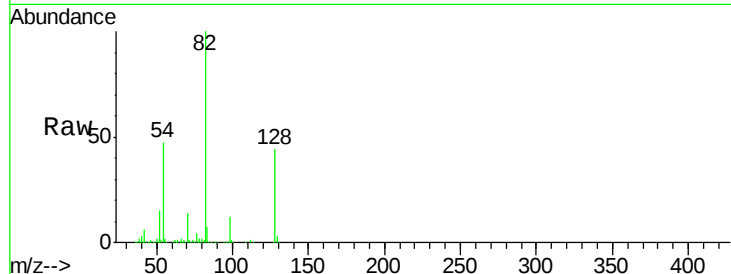
Ion Ratio Lower Upper

79 100

108 40.7 62.9 94.3#

77 122.3 49.5 74.3#

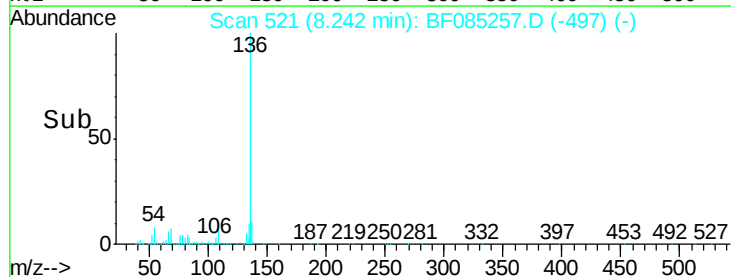
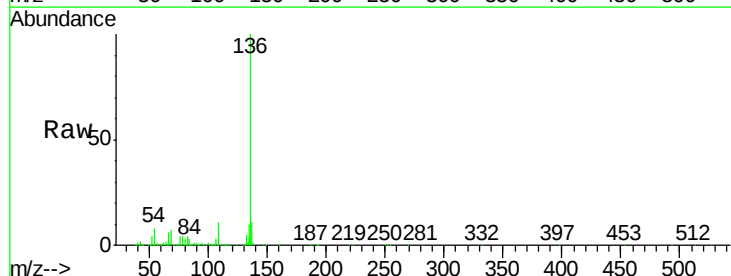
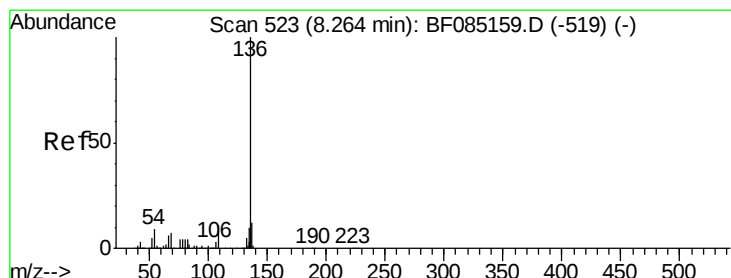
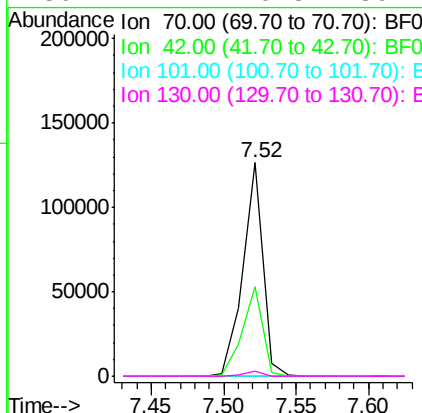




#19
n-Nitroso-di-n-propylamine
Concen: 16.54 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085257.D
Acq: 8 Mar 2016 15:55

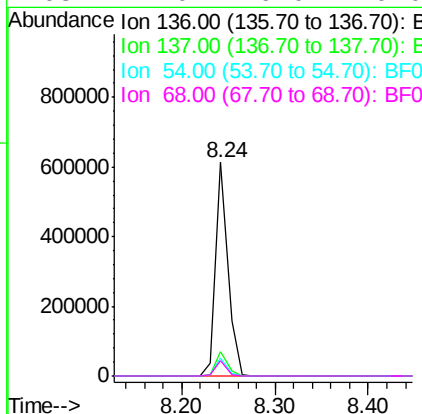
Instrument :
BNA_F
ClientSampleId :
SUP-MW-01

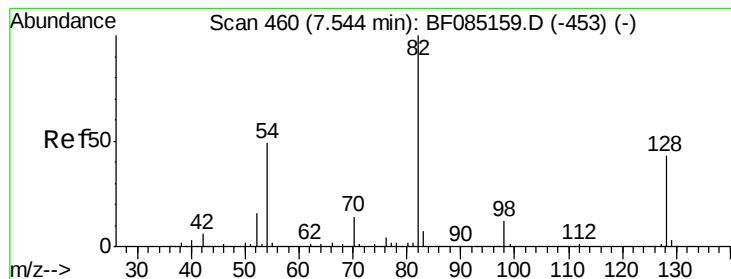
Tgt Ion: 70 Resp: 121158
Ion Ratio Lower Upper
70 100
42 42.1 37.7 56.5
101 0.0 8.2 12.4#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085257.D
Acq: 8 Mar 2016 15:55

Tgt Ion: 136 Resp: 557094
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 8.3 7.4 11.2
68 7.0 6.0 9.0





#23

Nitrobenzene-d5

Concen: 87.04 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

Instrument :

BNA_F

ClientSampleId :

SUP-MW-01

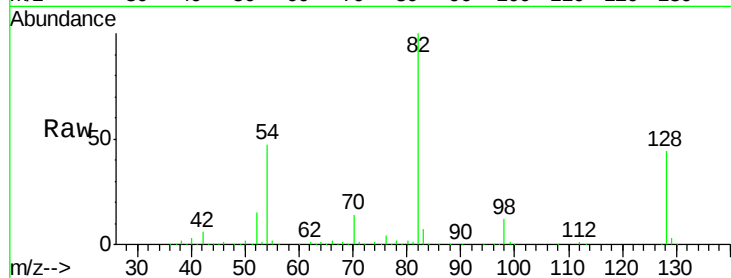
Tgt Ion: 82 Resp: 906093

Ion Ratio Lower Upper

82 100

128 44.1 34.5 51.7

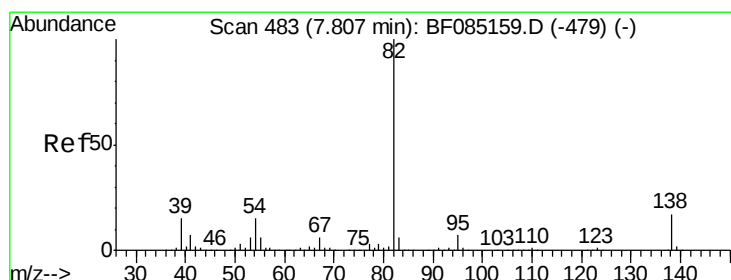
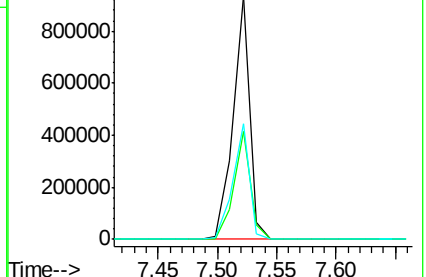
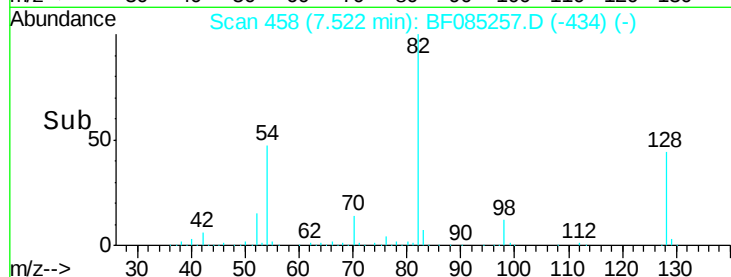
54 47.3 39.3 58.9



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: 35.70 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

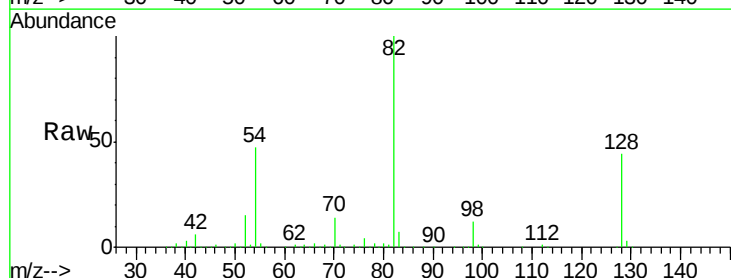
Tgt Ion: 82 Resp: 688825

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

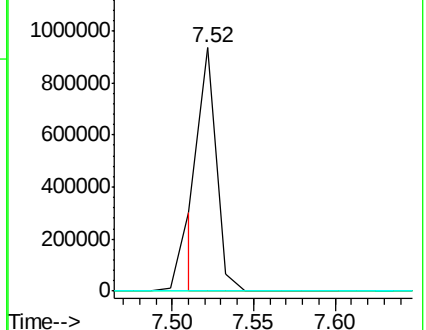
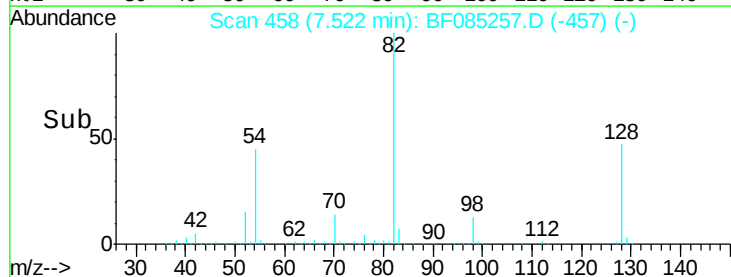
138 0.0 13.3 19.9#

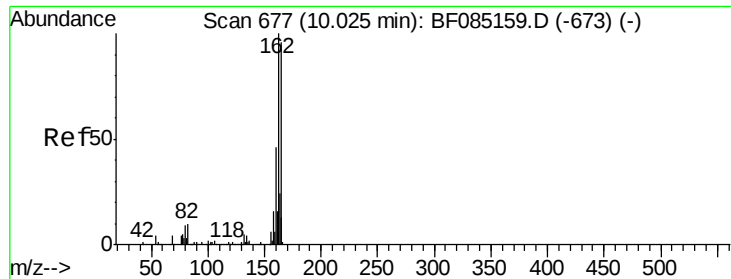


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

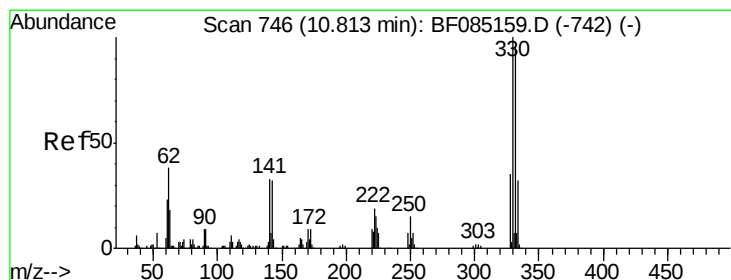
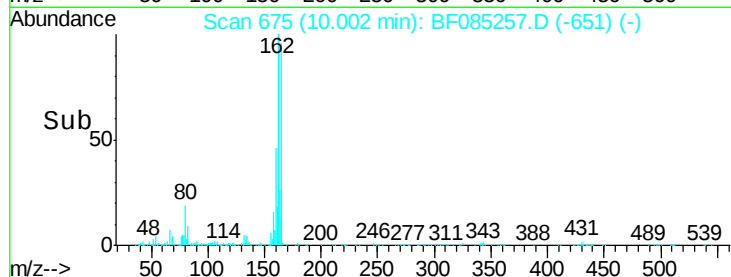
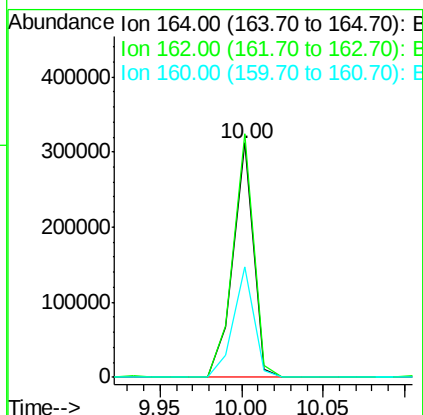
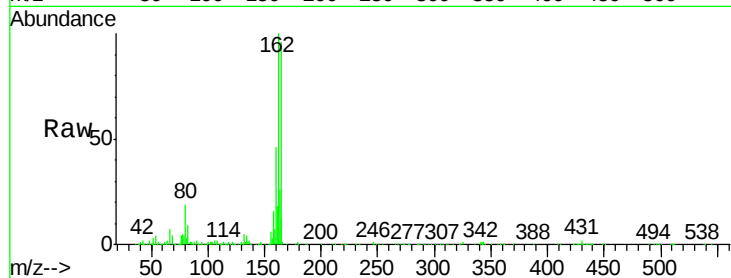




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085257.D
Acq: 8 Mar 2016 15:55

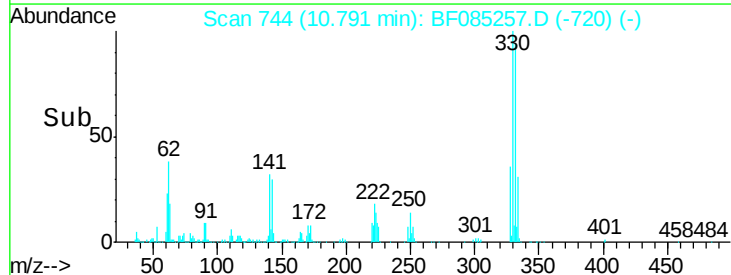
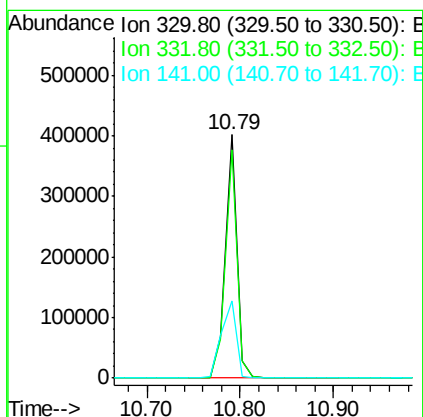
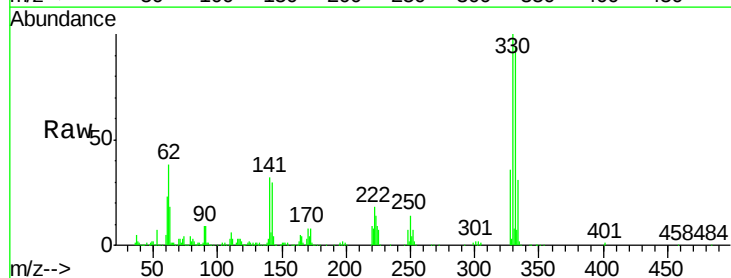
Instrument :
BNA_F
ClientSampleId :
SUP-MW-01

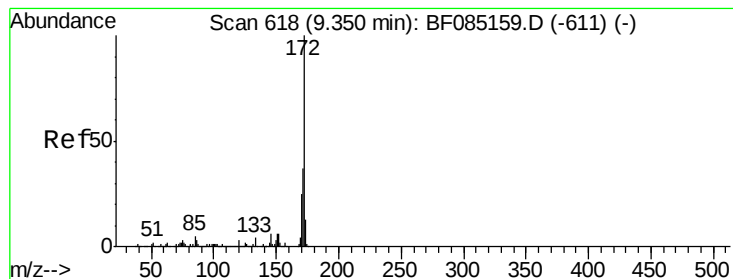
Tgt Ion:164 Resp: 268630
Ion Ratio Lower Upper
164 100
162 103.8 83.3 124.9
160 47.3 37.9 56.9



#41
2,4,6-Tribromophenol
Concen: 151.09 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085257.D
Acq: 8 Mar 2016 15:55

Tgt Ion:330 Resp: 347296
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 40.7 35.0 52.6





#44

2-Fluorobiphenyl

Concen: 96.20 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

Instrument :

BNA_F

ClientSampleId :

SUP-MW-01

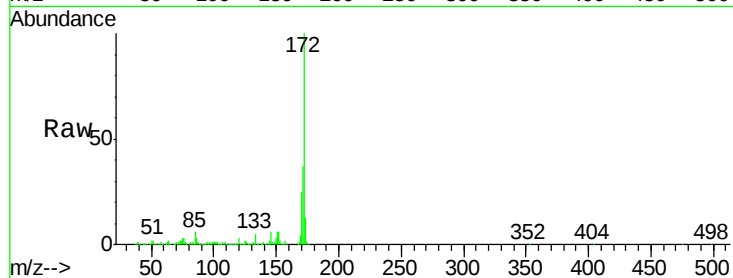
Tgt Ion:172 Resp: 1699262

Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

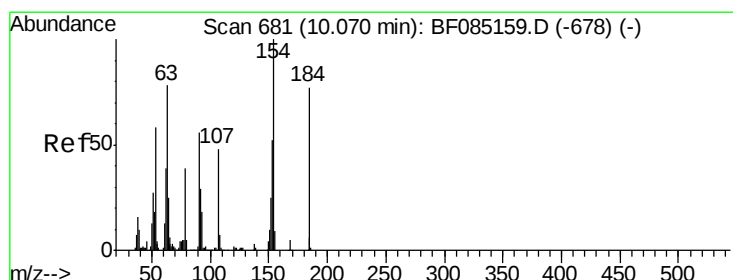
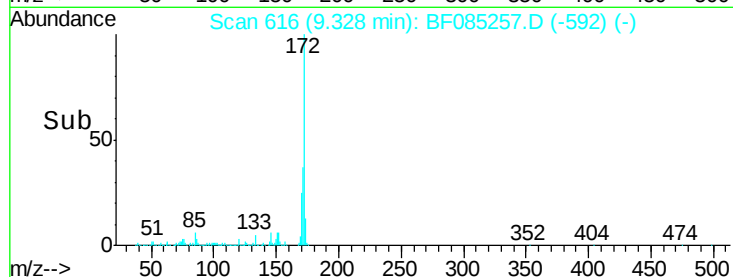
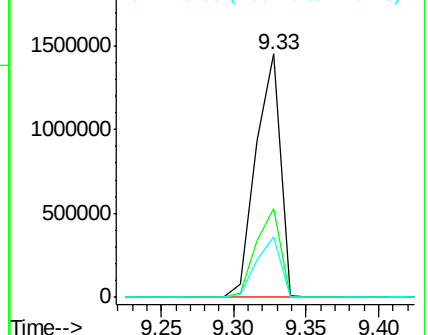
170 25.0 20.0 30.0



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



#53

2,4-Dinitrophenol

Concen: 8.21 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.09 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

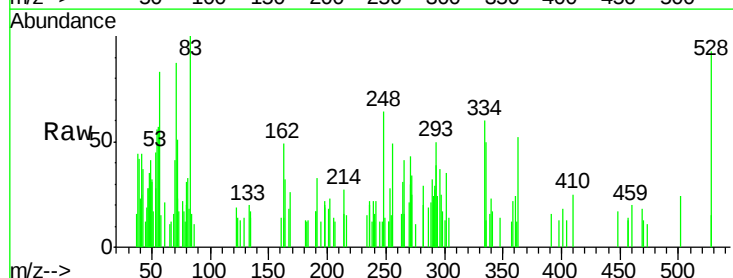
Tgt Ion:184 Resp: 446

Ion Ratio Lower Upper

184 100

63 0.0 82.2 123.4#

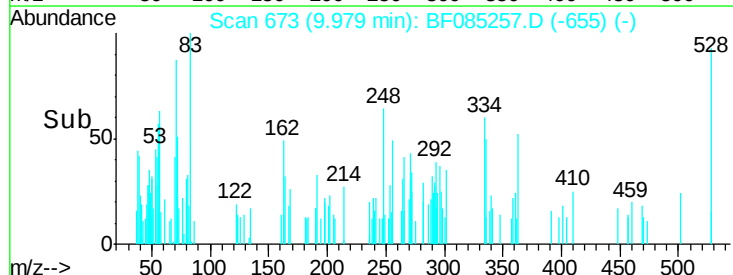
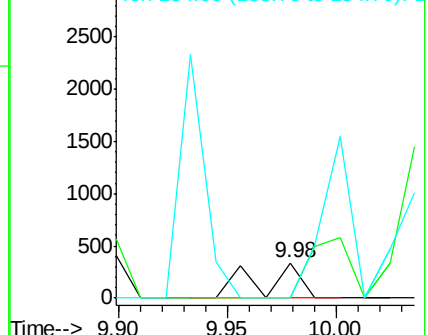
154 0.0 108.9 163.3#

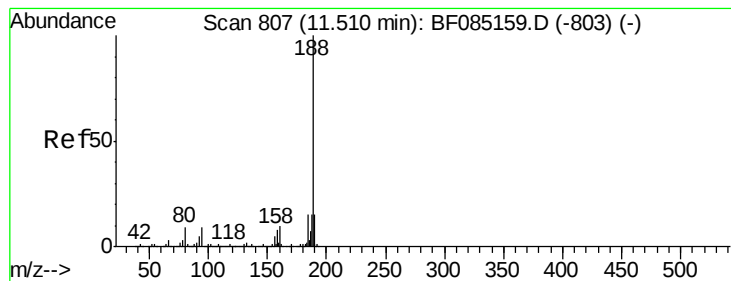


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

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SUP-MW-01

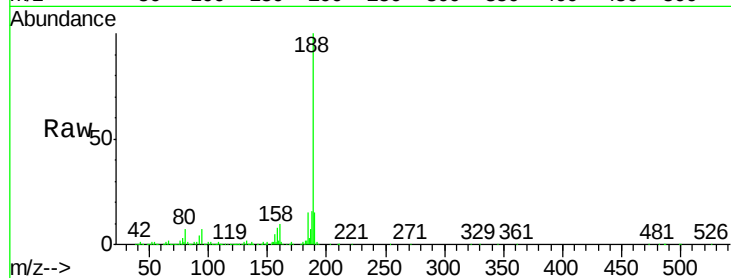
Tgt Ion:188 Resp: 519405

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

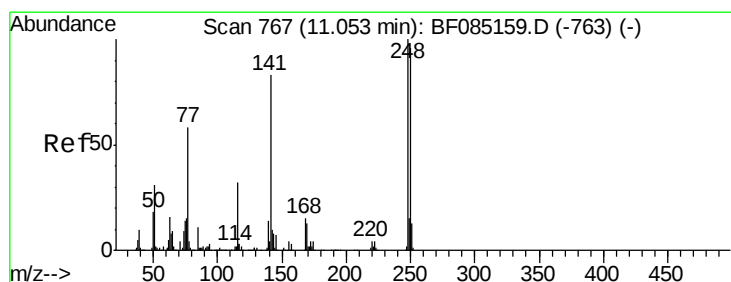
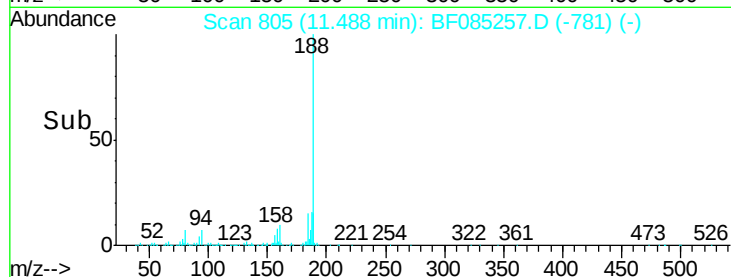
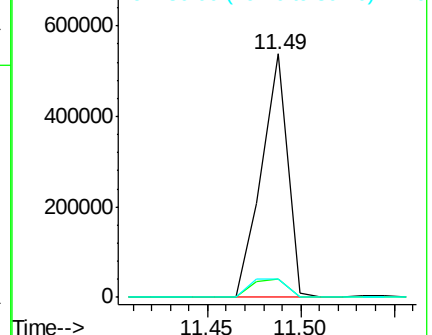
80 7.4 7.4 11.0



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



#66

4-Bromophenyl-phenylether

Concen: 5.00 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

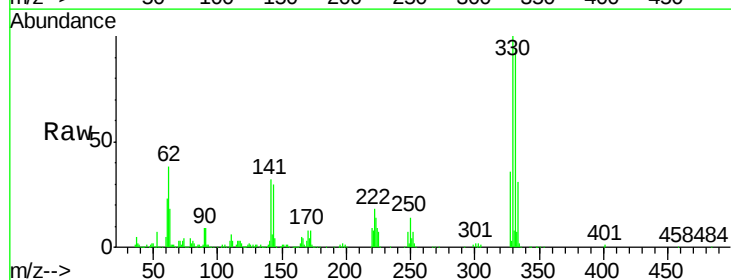
Tgt Ion:248 Resp: 25197

Ion Ratio Lower Upper

248 100

250 199.2 77.1 115.7#

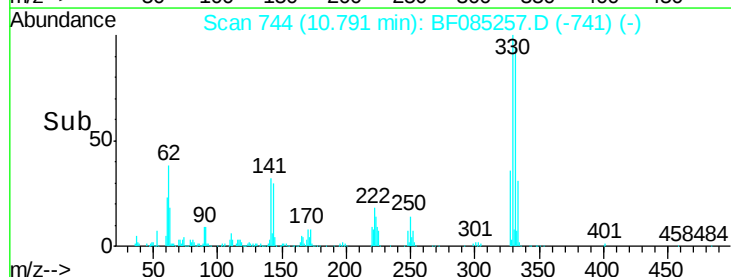
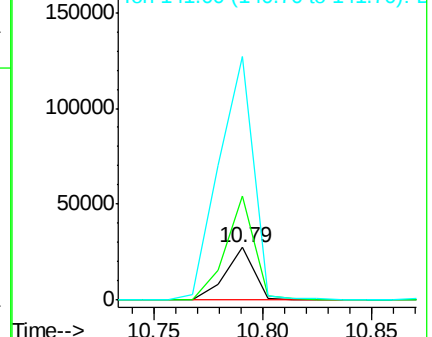
141 463.0 66.2 99.2#

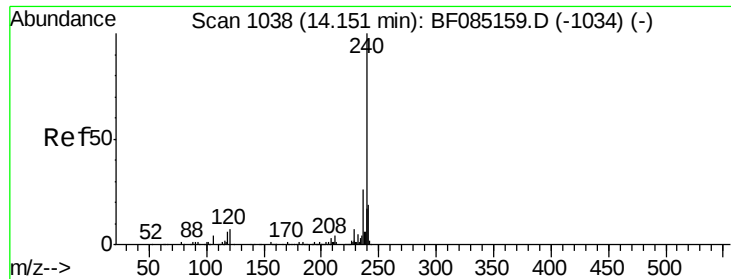


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

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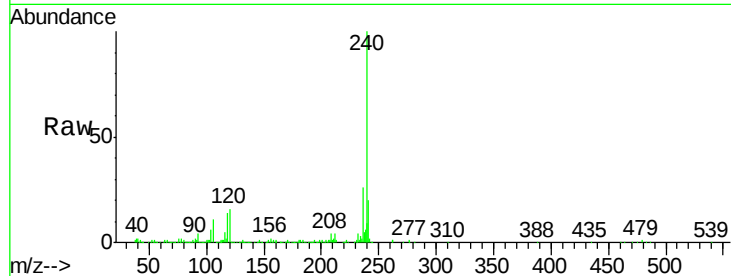
Tgt Ion:240 Resp: 349117

Ion Ratio Lower Upper

240 100

120 16.3 5.3 7.9#

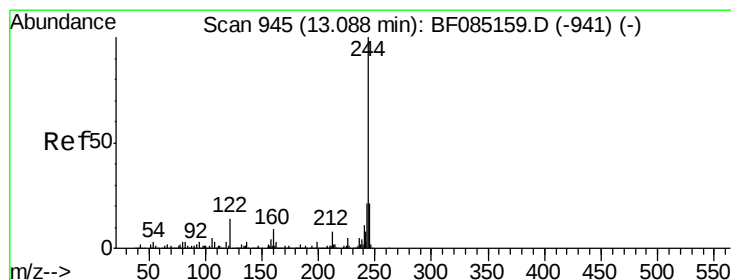
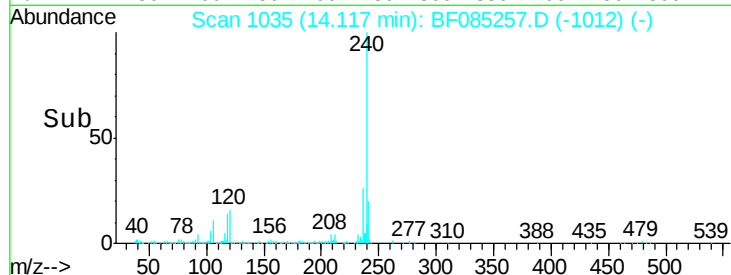
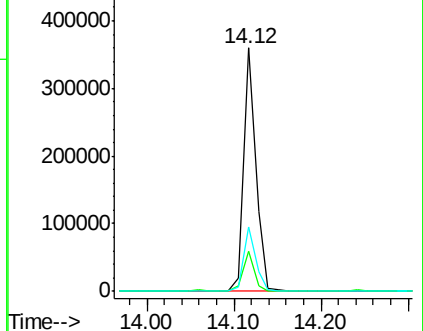
236 26.4 20.7 31.1



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: 80.40 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

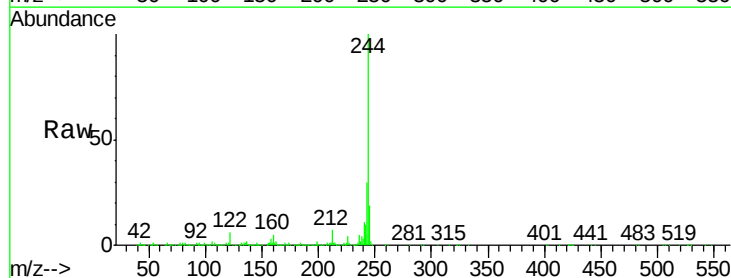
Tgt Ion:244 Resp: 1209104

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

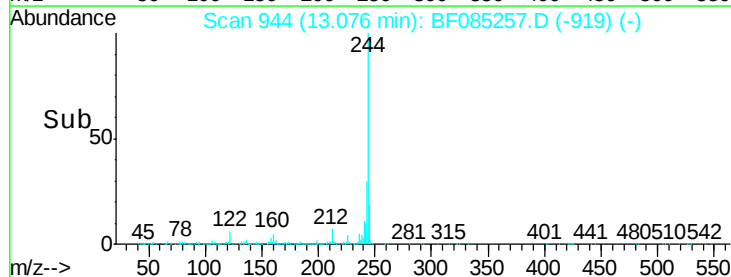
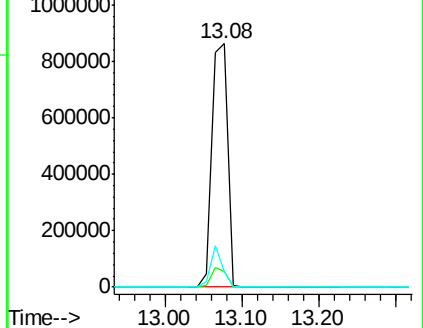
122 6.4 11.4 17.2#

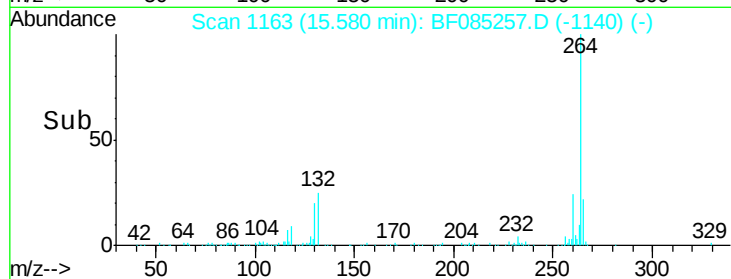
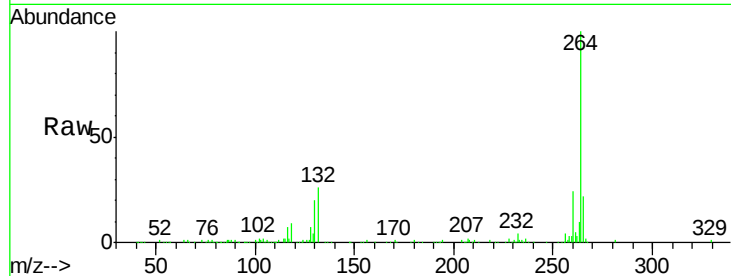
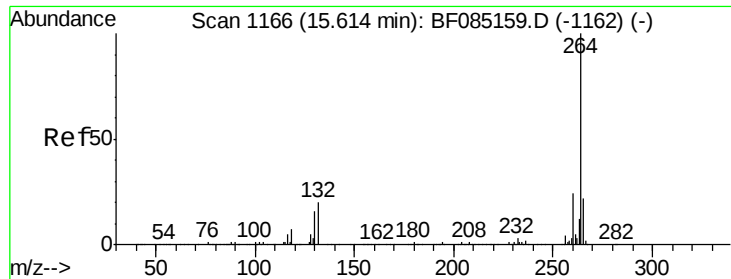


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085257.D

Acq: 8 Mar 2016 15:55

Instrument :

BNA_F

ClientSampleId :

SUP-MW-01

Tgt Ion: 264 Resp: 251822

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.1 17.3 25.9

