

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085398.D
 Acq On : 12 Mar 2016 4:48
 Operator : UM/SJ
 Sample : H1754-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

Quant Time: Mar 12 05:43:33 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

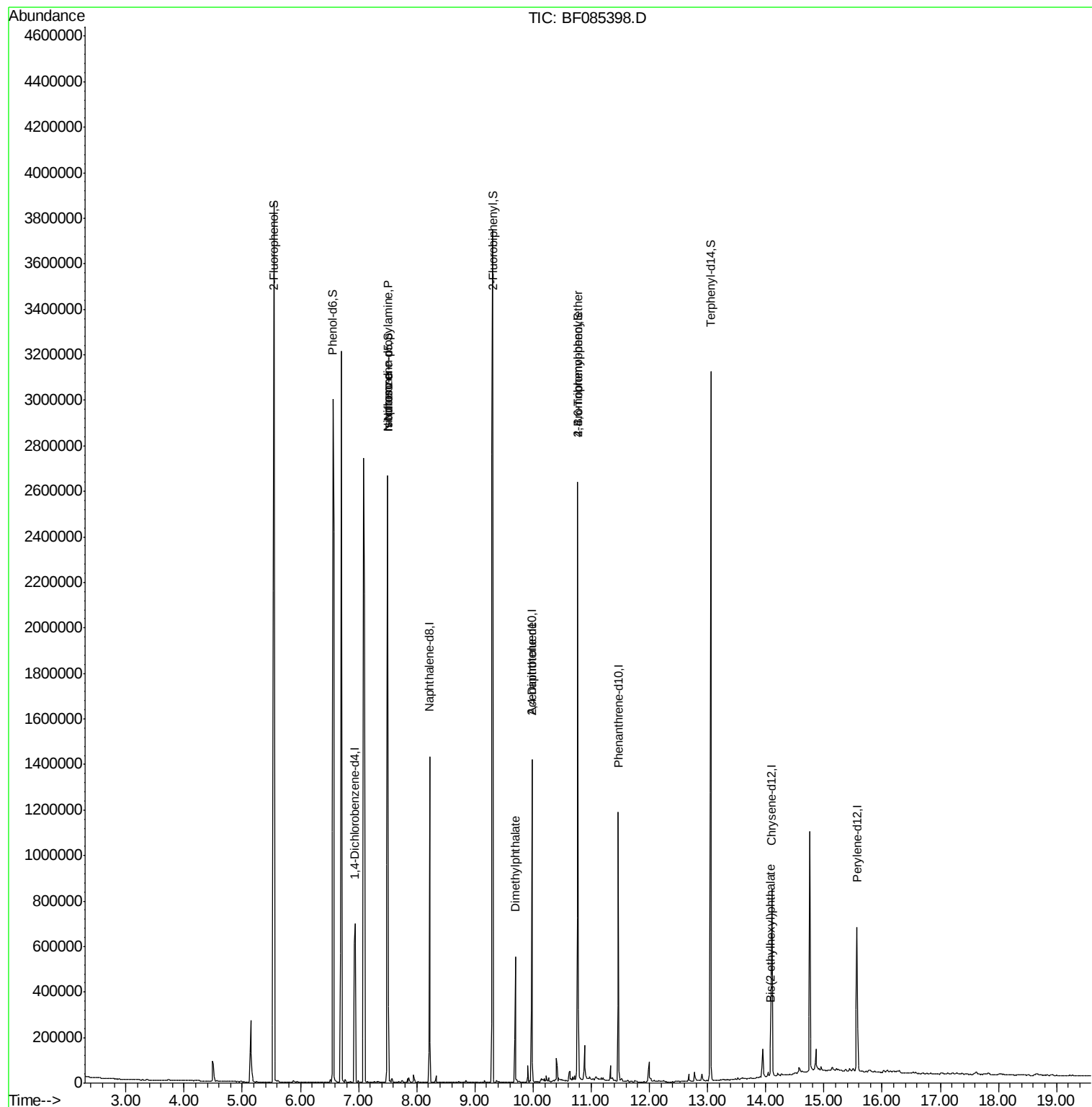
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	151965	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	596209	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	267453	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	427282	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	289699	20.00	ng	-0.05
86) Perylene-d12	15.57	264	272504	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1294336	142.87	ng	-0.03
7) Phenol-d6	6.56	99	1779005	149.88	ng	-0.05
23) Nitrobenzene-d5	7.50	82	971782	87.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	300035	131.11	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1576539	89.65	ng	-0.05
78) Terphenyl-d14	13.05	244	999934	80.13	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	2409	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.50	70	130342	16.85 ng	#	78
25) Isophorone	7.50	82	725521	35.14 ng	#	67
49) Dimethylphthalate	9.69	163	238041	11.60 ng		99
56) 2,4-Dinitrotoluene	9.98	165	33543	5.97 ng	#	22
66) 4-Bromophenyl-phenylether	10.77	248	21685	5.23 ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.08	149	30985	2.38 ng		99

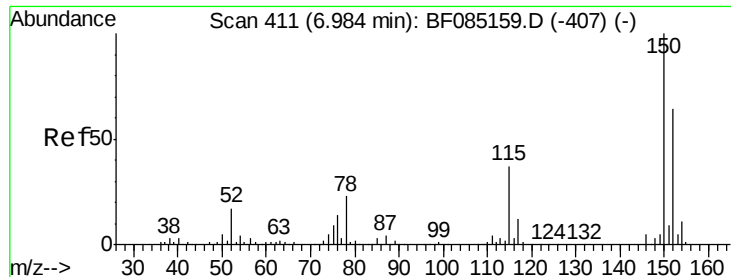
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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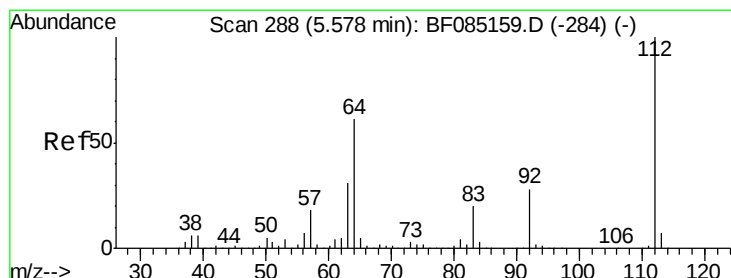
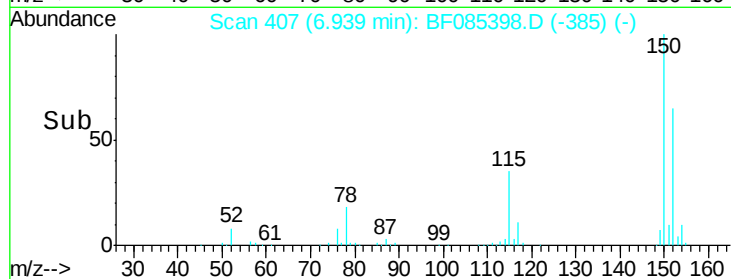
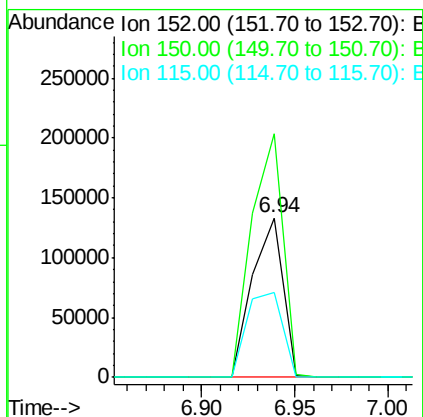
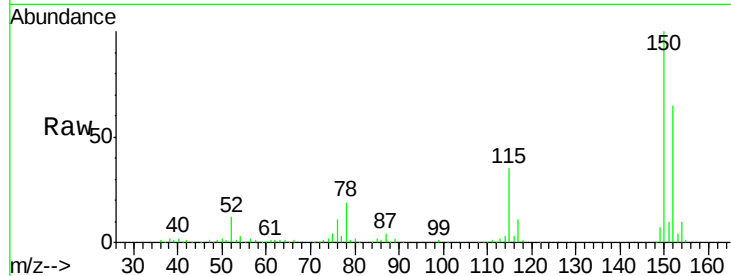




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

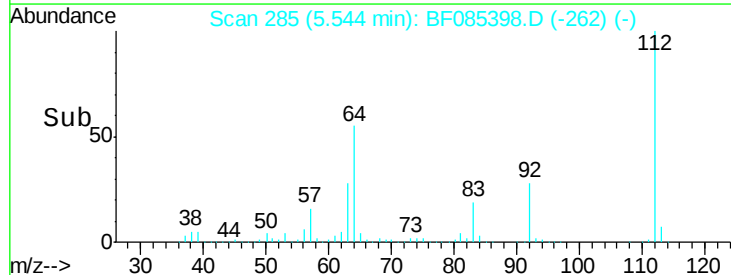
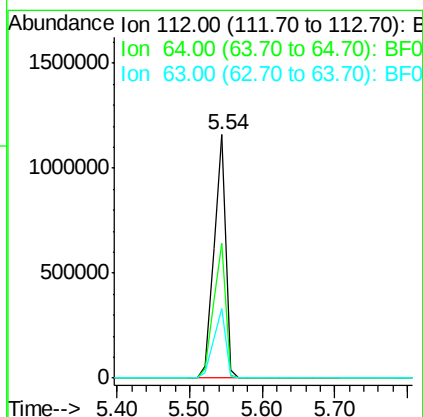
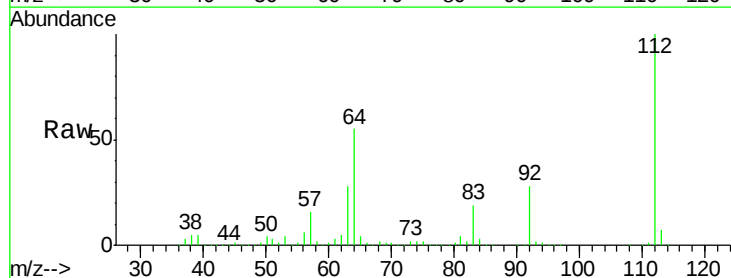
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

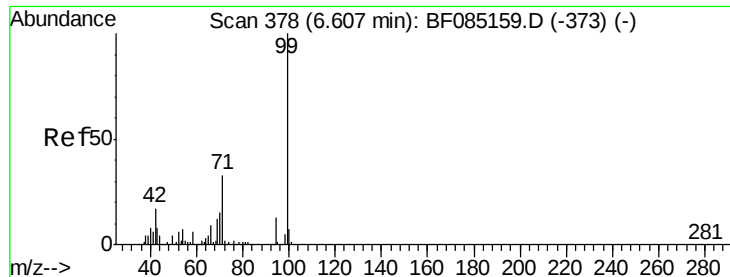
Tgt Ion:152 Resp: 151965
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 186.8
 115 52.9 46.6 70.0



#5
 2-Fluorophenol
 Concen: 142.87 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion:112 Resp: 1294336
 Ion Ratio Lower Upper
 112 100
 64 55.5 49.0 73.4
 63 28.3 24.8 37.2





#7

Phenol-d6

Concen: 149.88 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

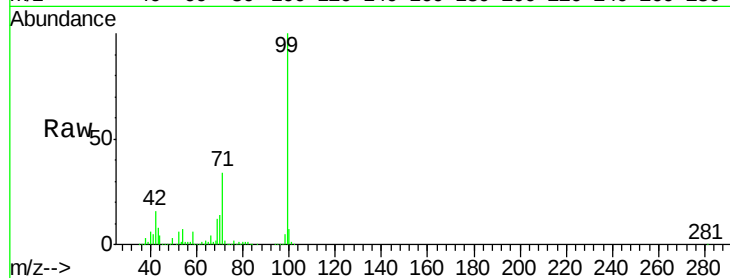
Tgt Ion: 99 Resp: 1779005

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

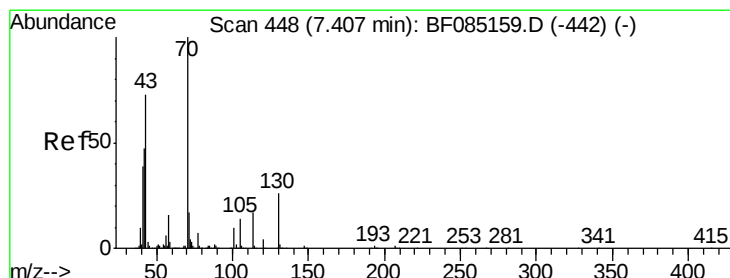
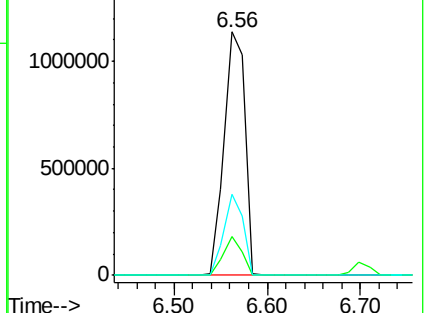
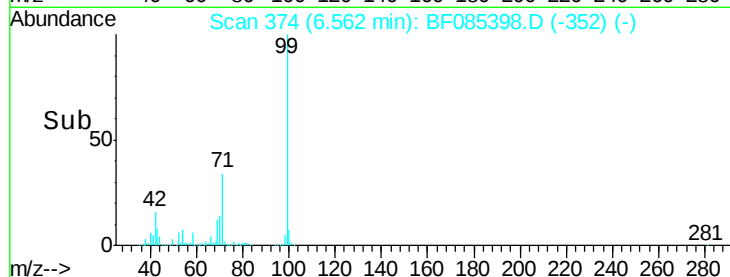
71 33.5 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.85 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Tgt Ion: 70 Resp: 130342

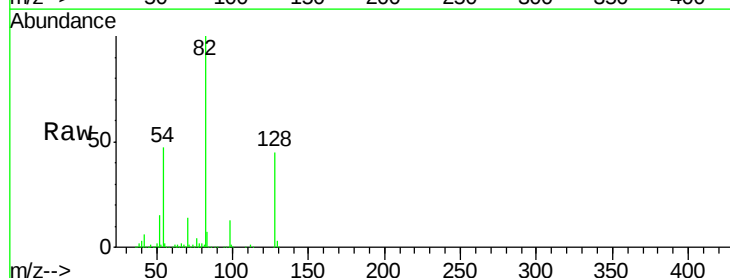
Ion Ratio Lower Upper

70 100

42 41.4 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

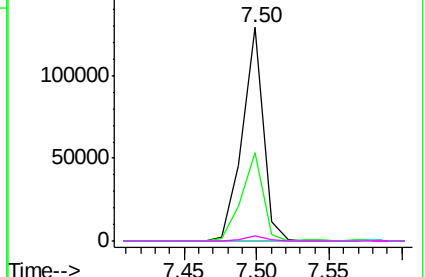
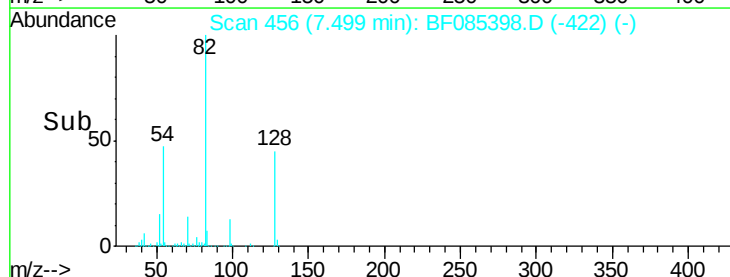


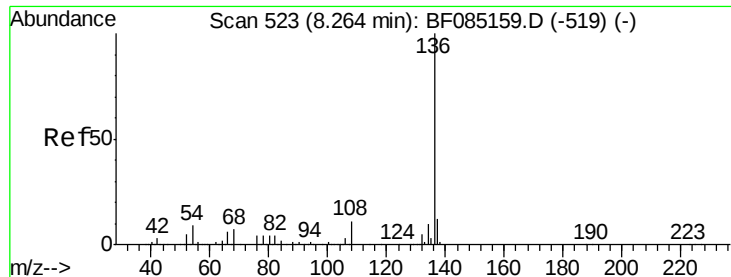
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

Tgt Ion:136 Resp: 596209

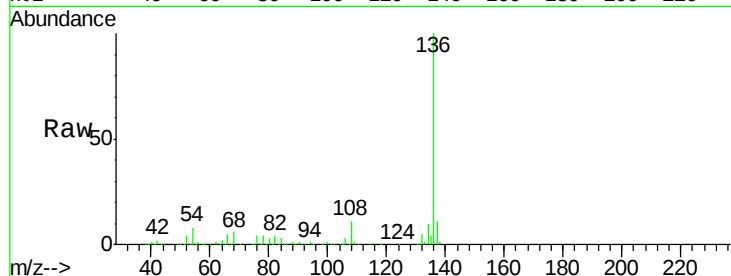
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 7.4 11.2

68 6.4 6.0 9.0

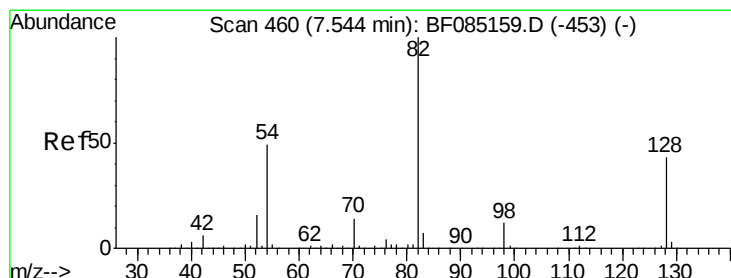
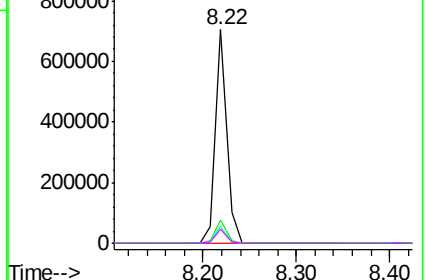
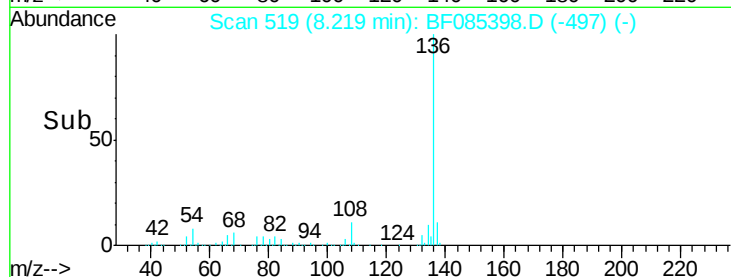


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.22 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

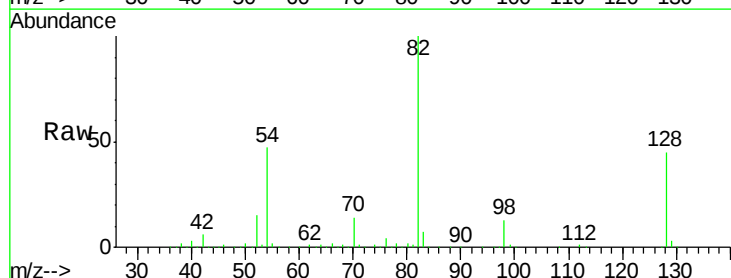
Tgt Ion: 82 Resp: 971782

Ion Ratio Lower Upper

82 100

128 45.1 34.5 51.7

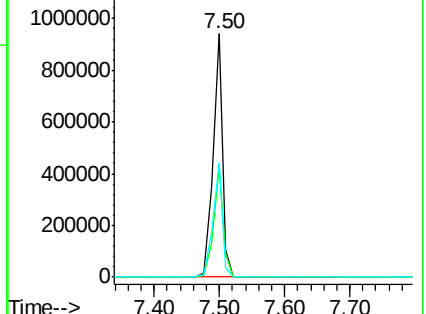
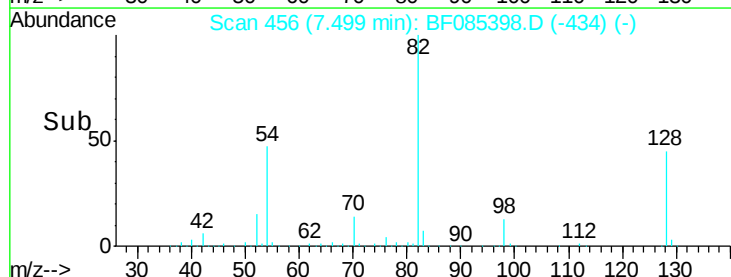
54 46.8 39.3 58.9

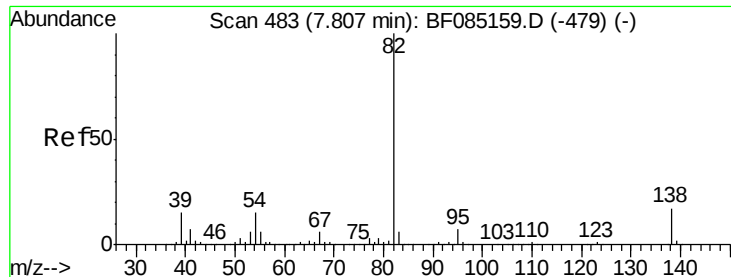


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.14 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

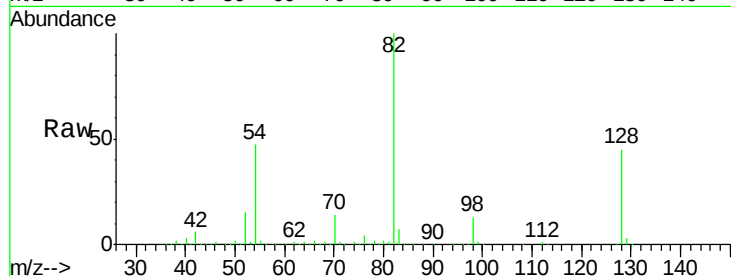
Tgt Ion: 82 Resp: 725521

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

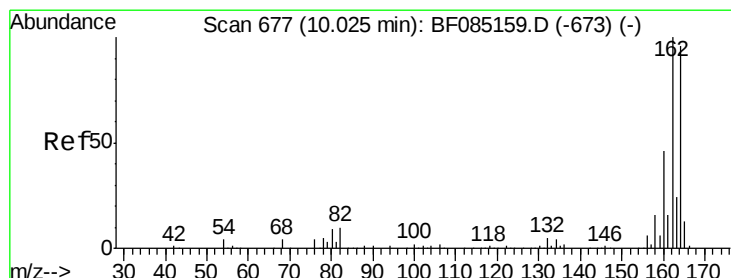
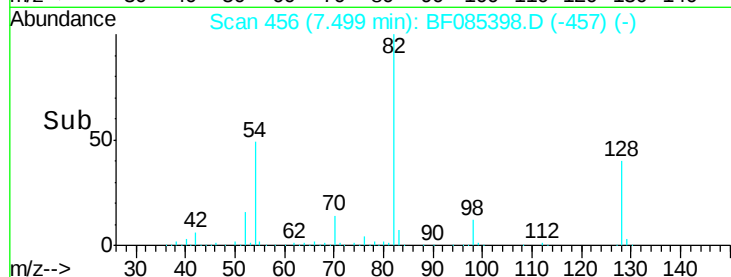
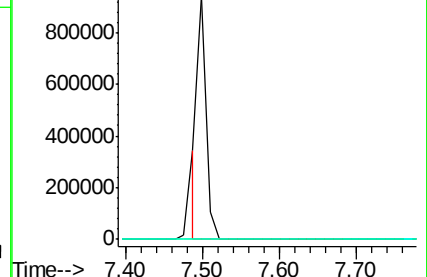
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF085159.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BF085159.D (-479) (-)

Ion 138.00 (137.70 to 138.70): BF085159.D (-479) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

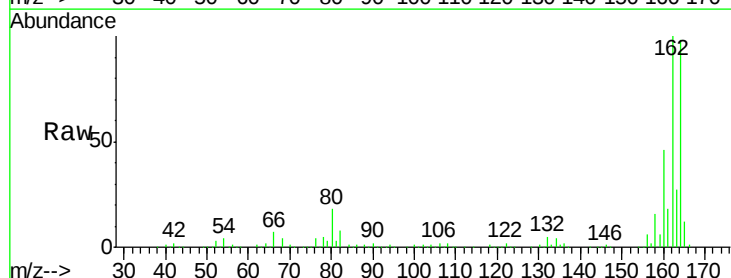
Tgt Ion: 164 Resp: 267453

Ion Ratio Lower Upper

164 100

162 102.0 83.3 124.9

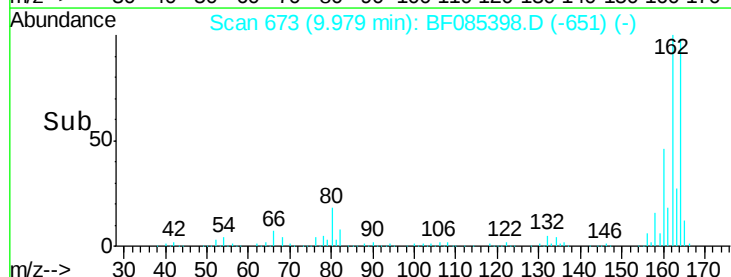
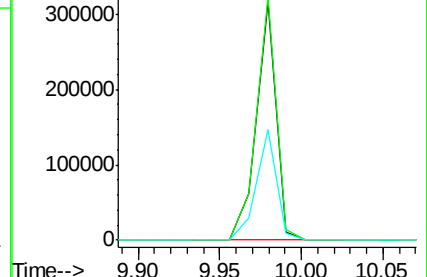
160 46.5 37.9 56.9

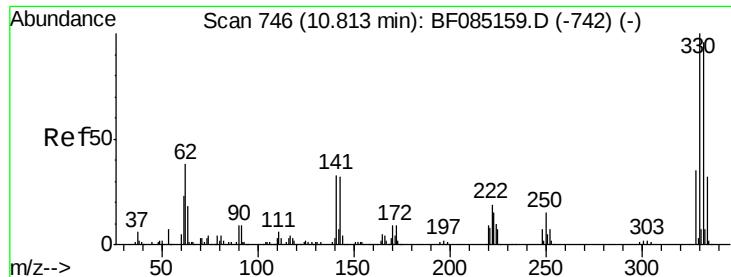


Abundance Ion 164.00 (163.70 to 164.70): BF085159.D (-673) (-)

Ion 162.00 (161.70 to 162.70): BF085159.D (-673) (-)

Ion 160.00 (159.70 to 160.70): BF085159.D (-673) (-)

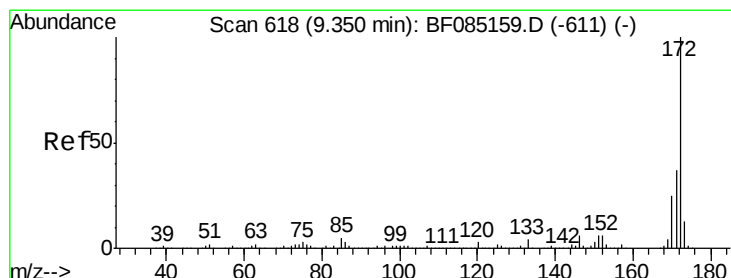
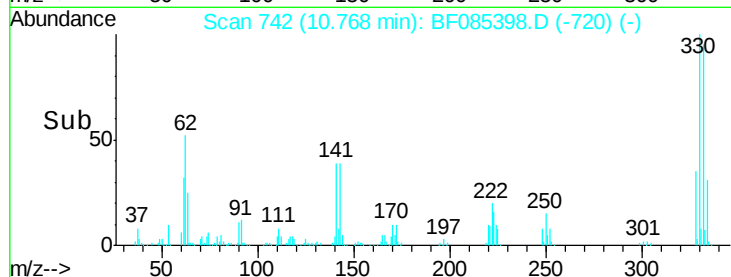
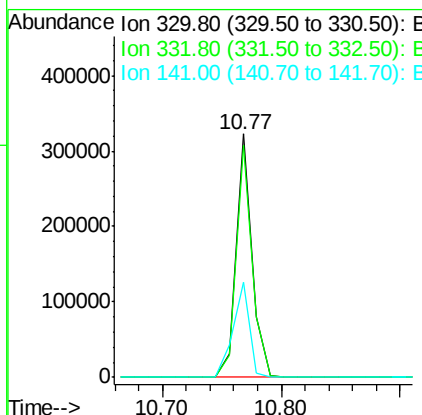
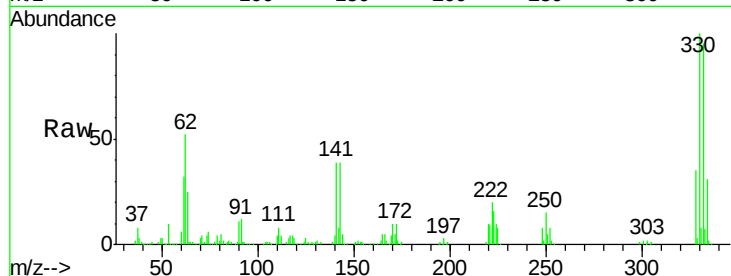




#41
 2,4,6-Tribromophenol
 Concen: 131.11 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

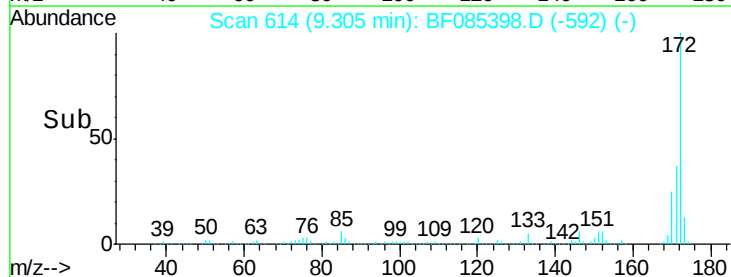
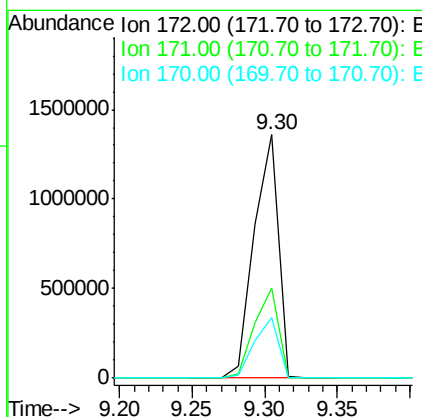
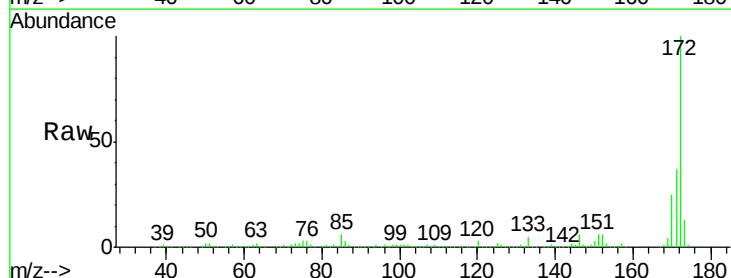
Instrument :
 BNA_F
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 W170TH-SB-25(0.5-4.5)

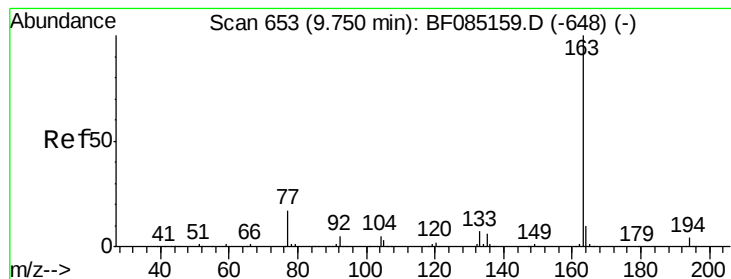
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	40.8	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 89.65 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.9	20.0	30.0





#49

Dimethylphthalate

Concen: 11.60 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

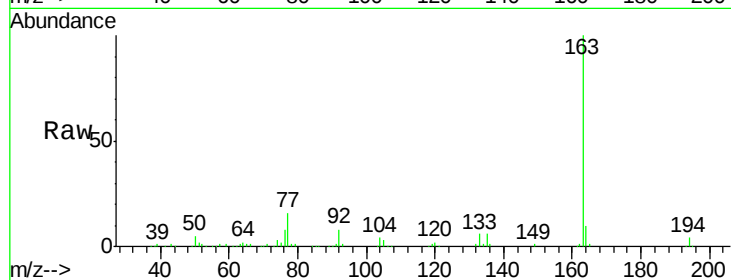
Tgt Ion:163 Resp: 238041

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

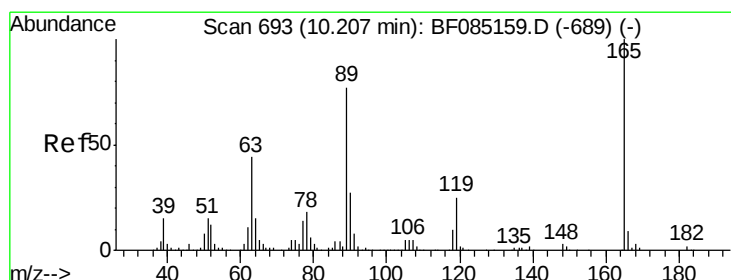
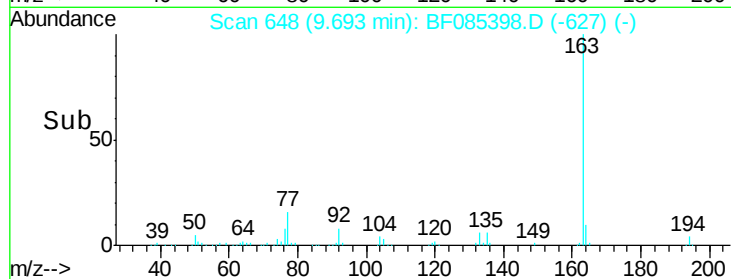
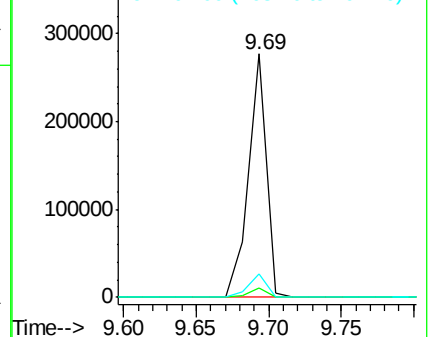
164 9.9 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 5.97 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Tgt Ion:165 Resp: 33543

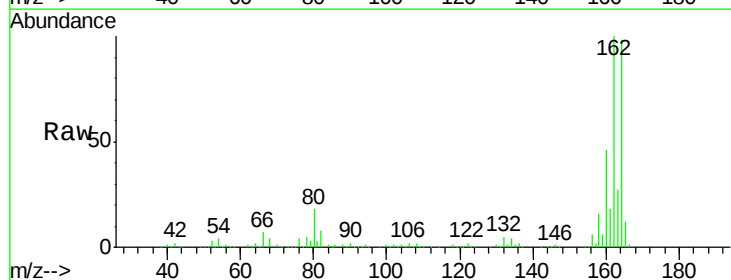
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.7 61.9 92.9#

182 0.0 1.9 2.9#

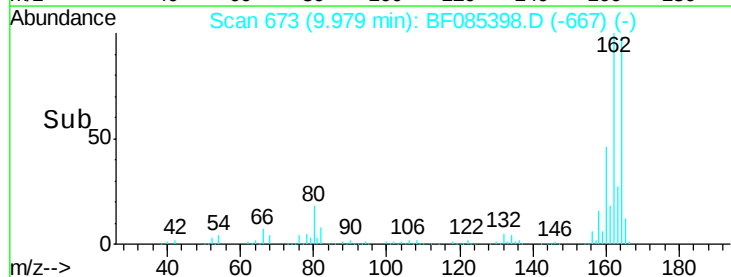
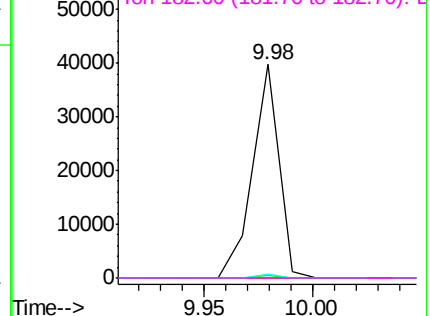


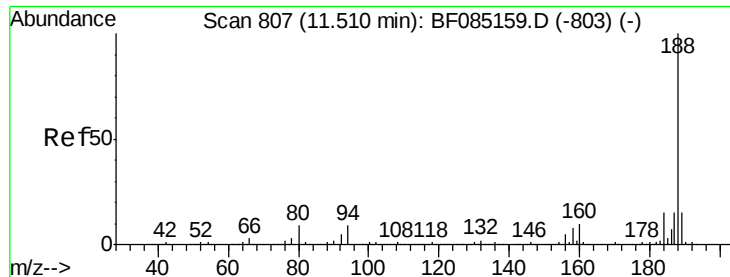
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

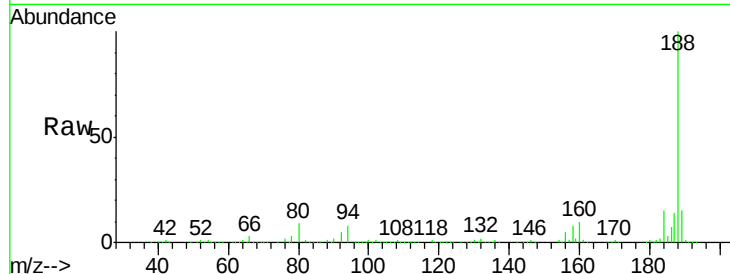




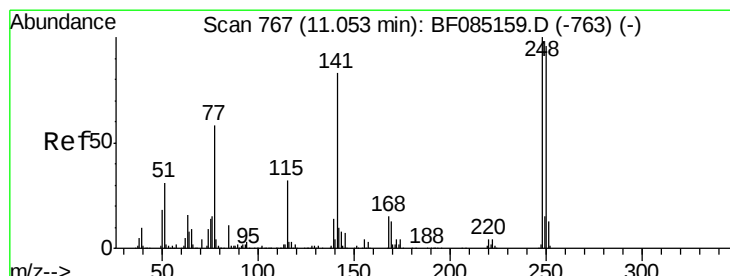
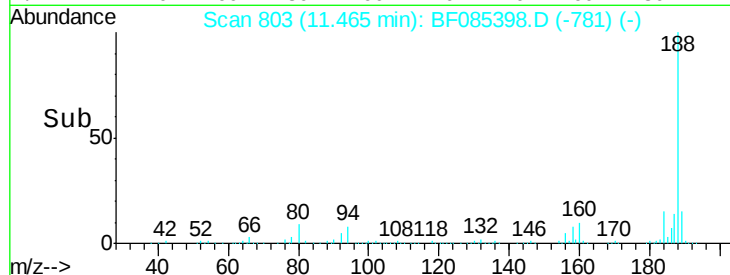
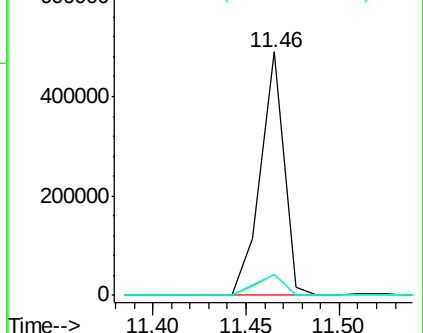
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085398.D
Acq: 12 Mar 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-25(0.5-4.5)

Tgt Ion:188 Resp: 427282
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.6 7.4 11.0

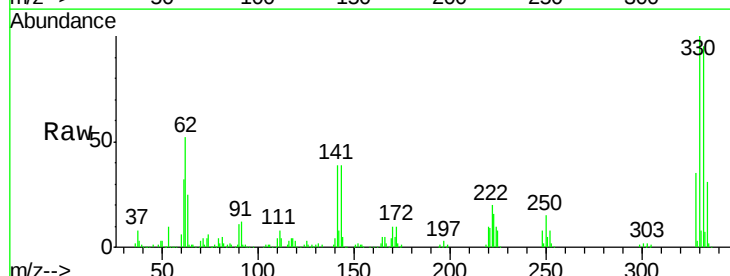


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

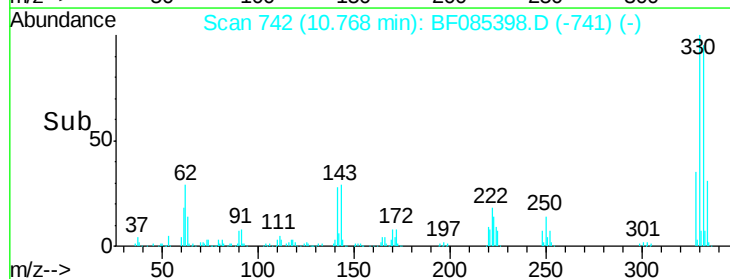
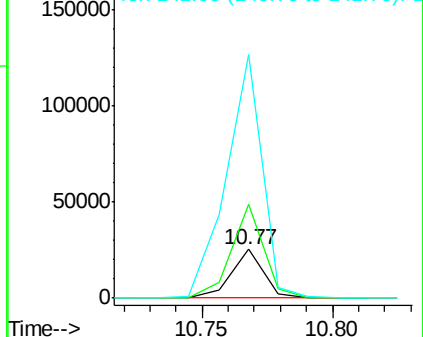


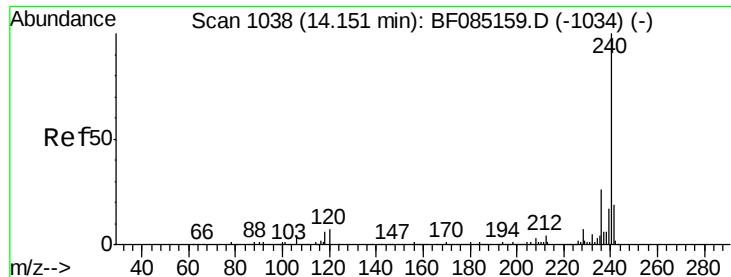
#66
4-Bromophenyl-phenylether
Concen: 5.23 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085398.D
Acq: 12 Mar 2016 4:48

Tgt Ion:248 Resp: 21685
Ion Ratio Lower Upper
248 100
250 193.3 77.1 115.7#
141 501.0 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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-25(0.5-4.5)

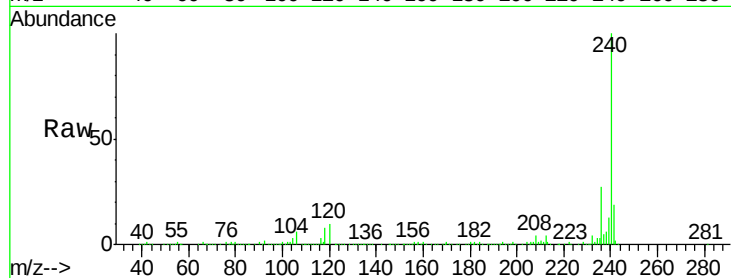
Tgt Ion:240 Resp: 289699

Ion Ratio Lower Upper

240 100

120 9.7 5.3 7.9#

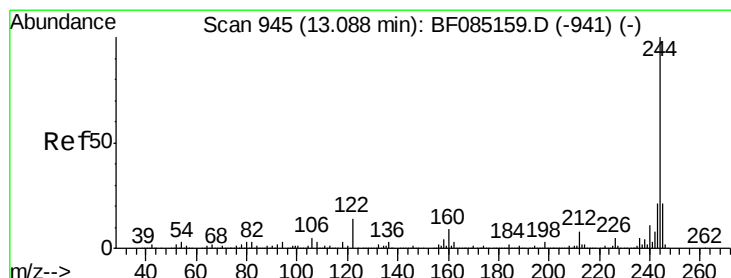
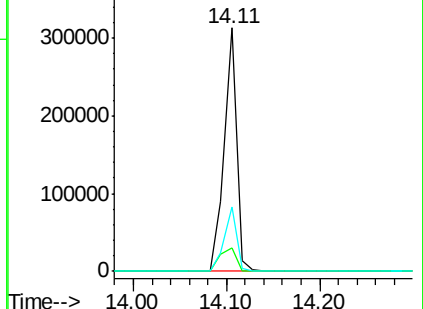
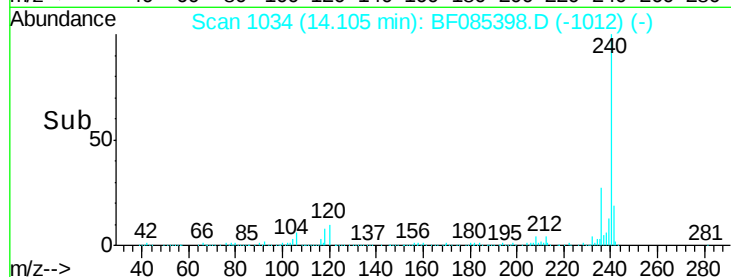
236 26.5 20.7 31.1



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: 80.13 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085398.D

Acq: 12 Mar 2016 4:48

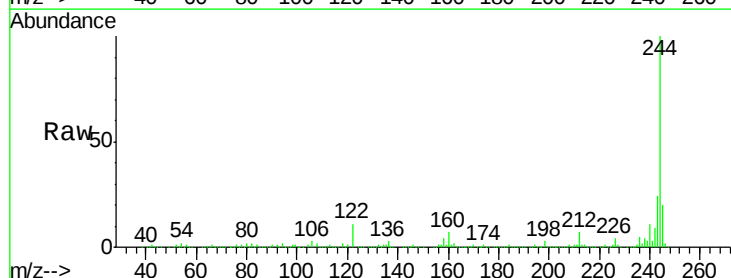
Tgt Ion:244 Resp: 999934

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

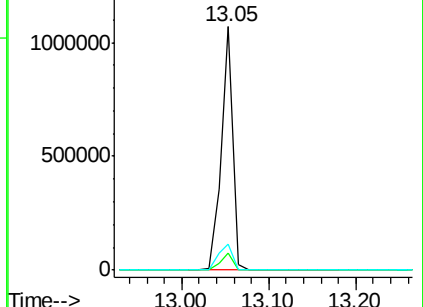
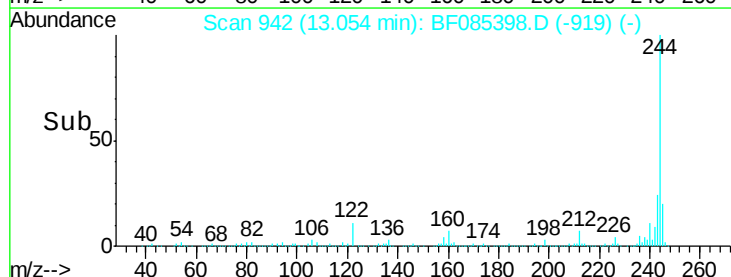
122 10.9 11.4 17.2#

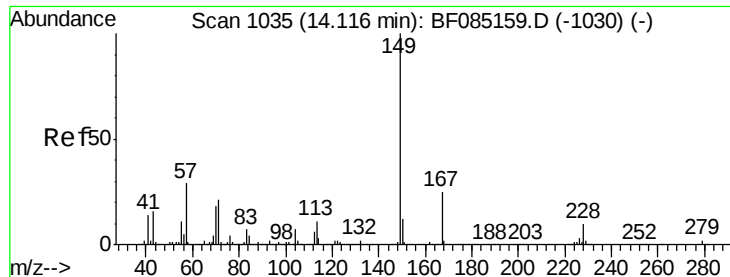


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

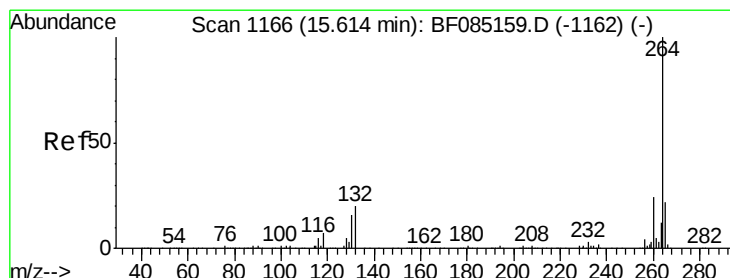
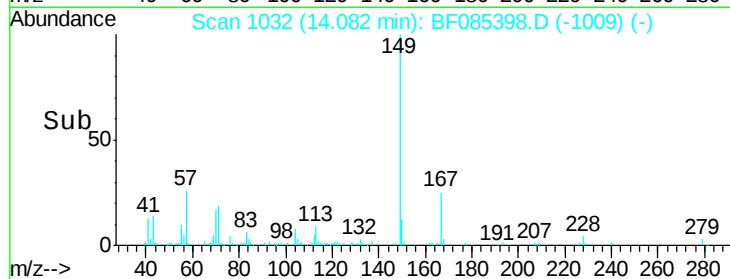
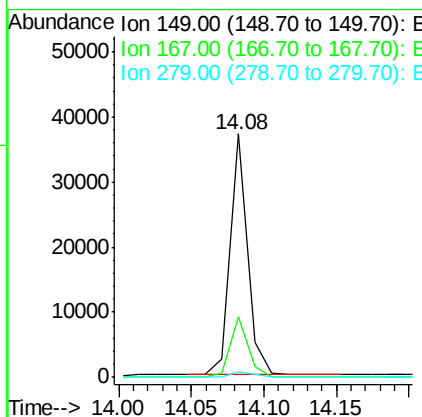
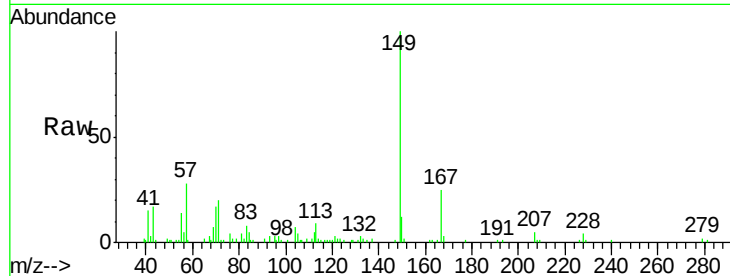




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.38 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-25(0.5-4.5)

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.3	30.5
279	2.5	1.9	2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085398.D
 Acq: 12 Mar 2016 4:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.3	25.9

