

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085579.D
 Acq On : 19 Mar 2016 18:09
 Operator : UM/SJ
 Sample : H1788-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Quant Time: Mar 21 00:01:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

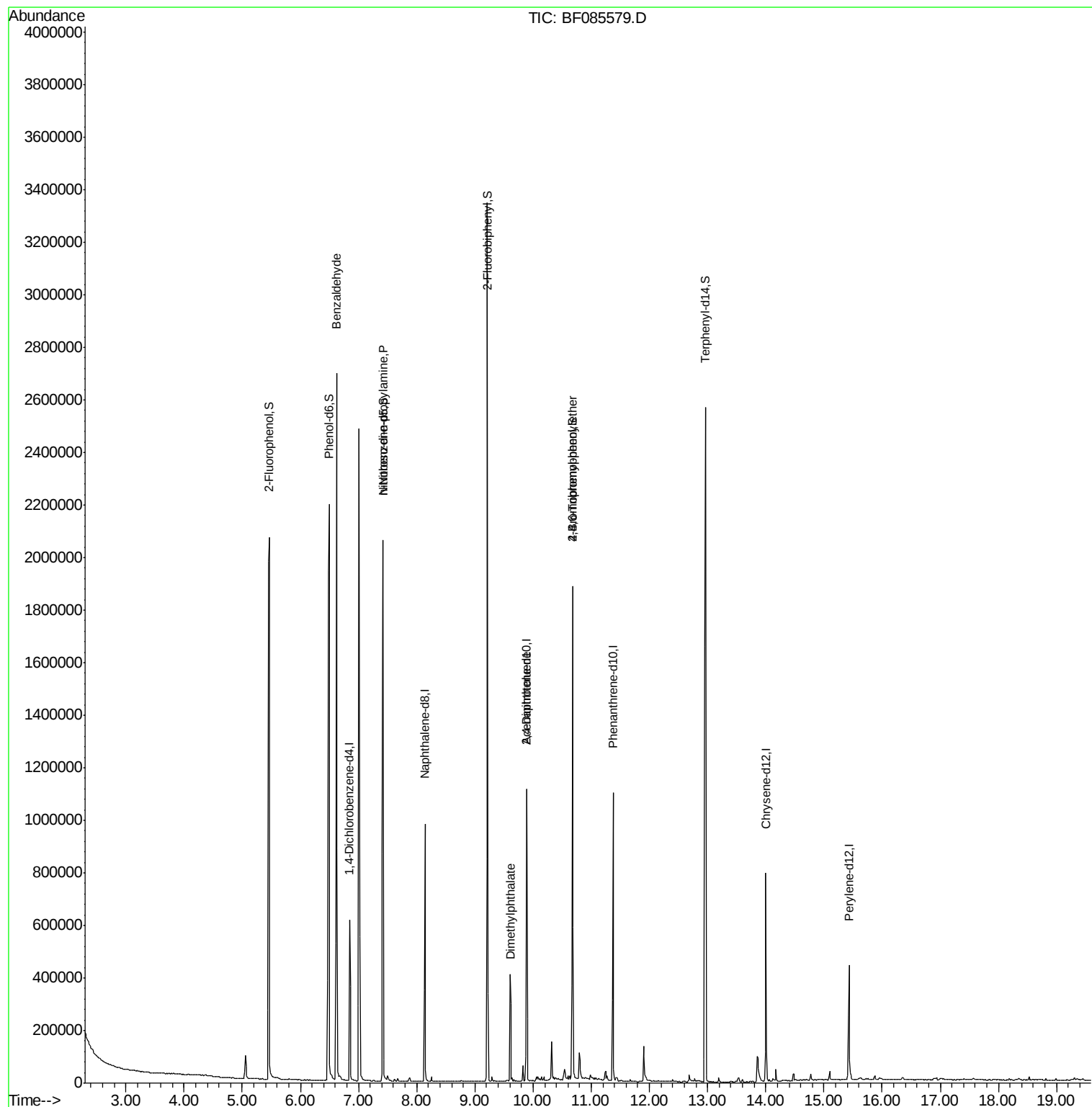
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117387	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	487747	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	212734	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	403033	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	253984	20.00	ng	-0.01
86) Perylene-d12	15.43	264	200359	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	967413	138.42	ng	0.01
7) Phenol-d6	6.49	99	1262832	140.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	757541	90.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	253848	121.82	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1050870	84.02	ng	-0.01
78) Terphenyl-d14	12.96	244	1017238	96.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	18349	2.18	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.42	70	99670	18.62	ng	# 78
49) Dimethylphthalate	9.61	163	220753	13.75	ng	97
56) 2,4-Dinitrotoluene	9.89	165	26919	6.07	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	15874	3.94	ng	# 1

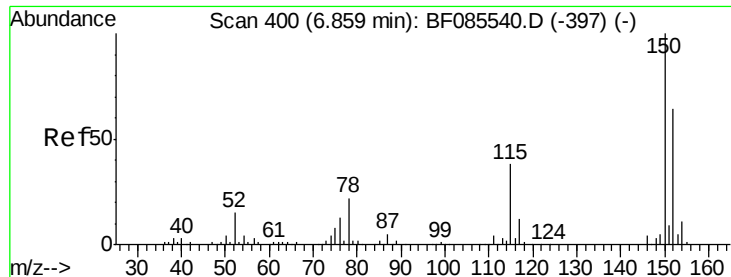
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085579.D
Acq On : 19 Mar 2016 18:09
Operator : UM/SJ
Sample : H1788-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Quant Time: Mar 21 00:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

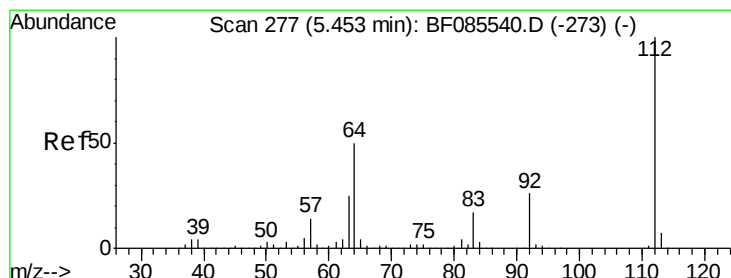
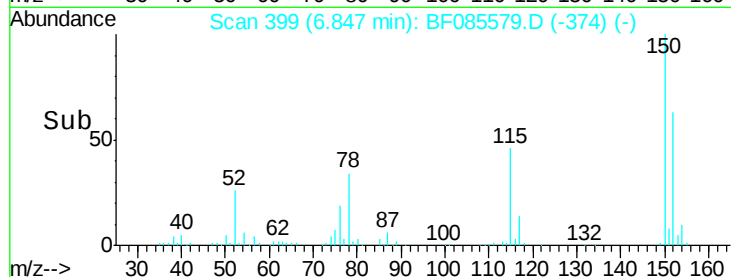
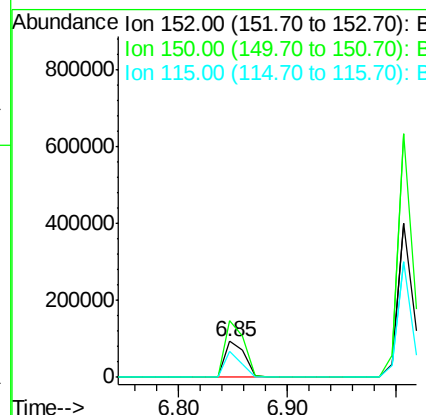
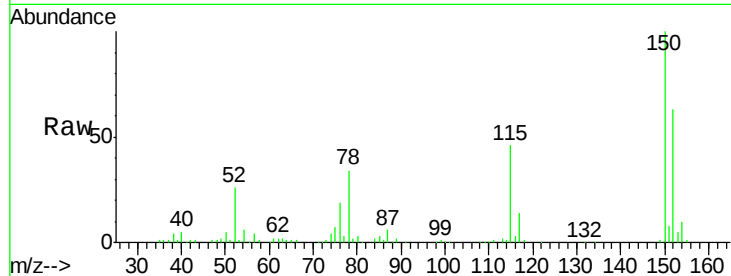




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085579.D
 Acq: 19 Mar 2016 18:09

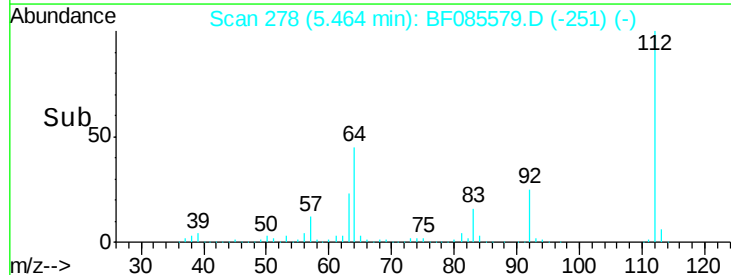
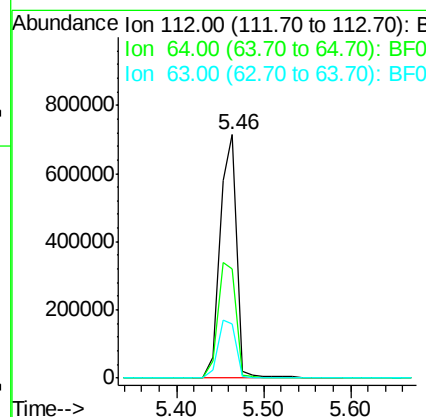
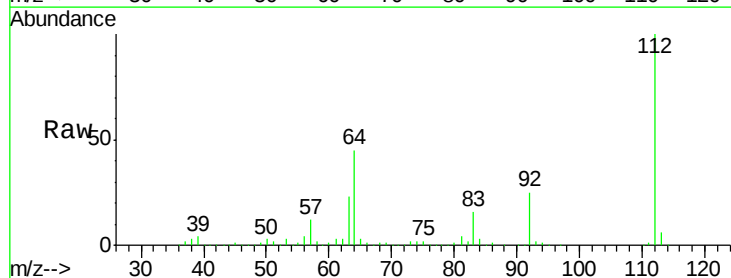
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Tgt Ion:152 Resp: 117387
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.2 186.2
 115 72.5 47.0 70.6#



#5
 2-Fluorophenol
 Concen: 138.42 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.01 min
 Lab File: BF085579.D
 Acq: 19 Mar 2016 18:09

Tgt Ion:112 Resp: 967413
 Ion Ratio Lower Upper
 112 100
 64 45.0 39.9 59.9
 63 22.5 20.2 30.2





#7

Phenol-d6

Concen: 140.89 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

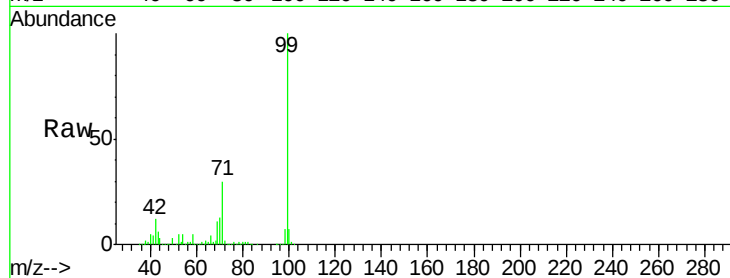
Tgt Ion: 99 Resp: 1262832

Ion Ratio Lower Upper

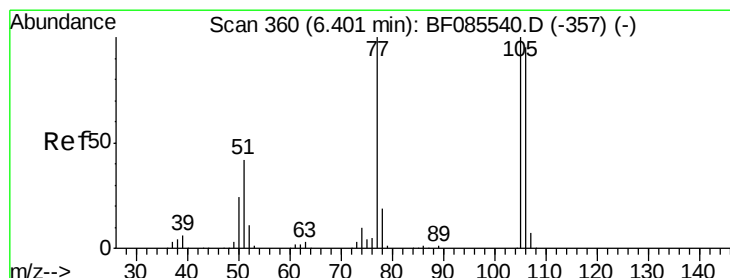
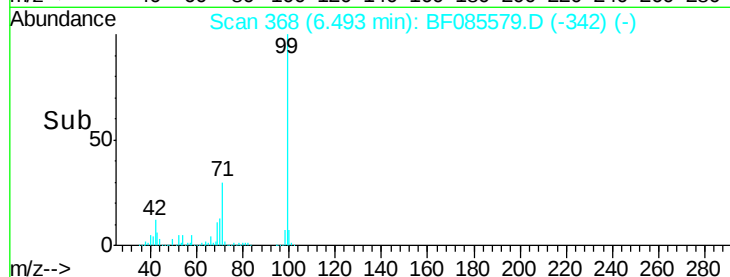
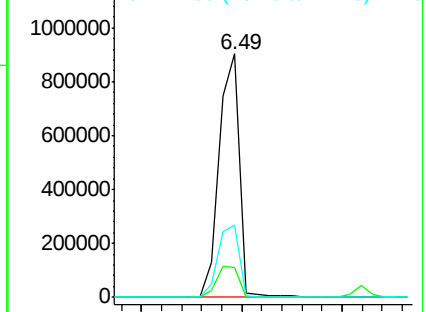
99 100

42 12.3 11.1 16.7

71 29.7 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.18 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

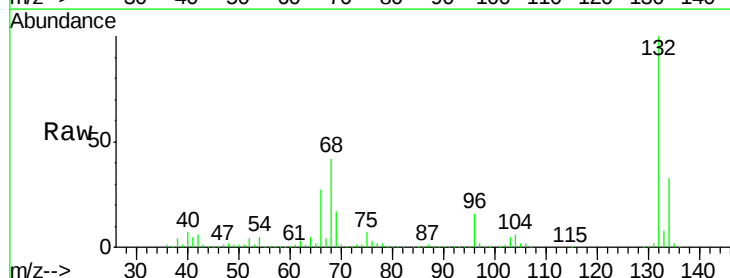
Tgt Ion: 77 Resp: 18349

Ion Ratio Lower Upper

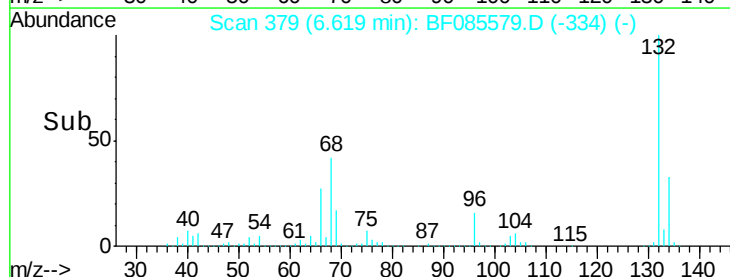
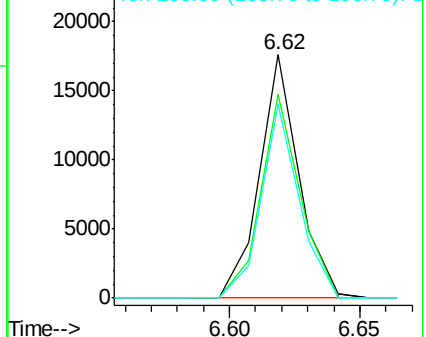
77 100

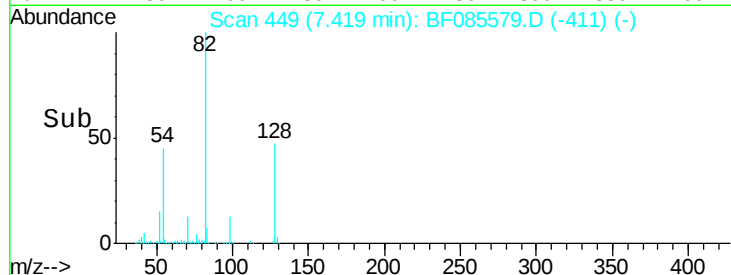
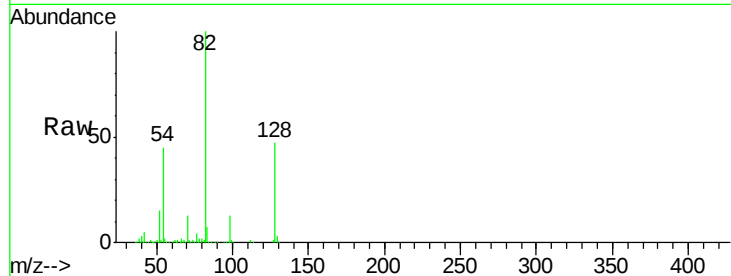
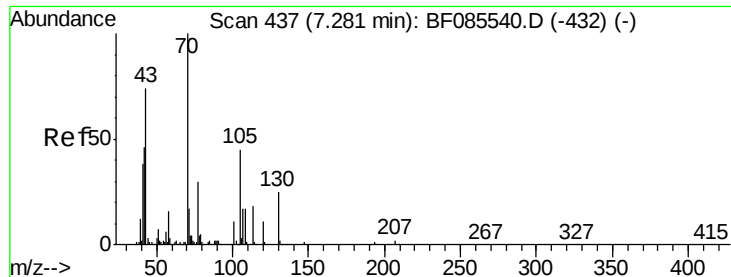
105 83.9 80.1 120.1

106 79.7 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

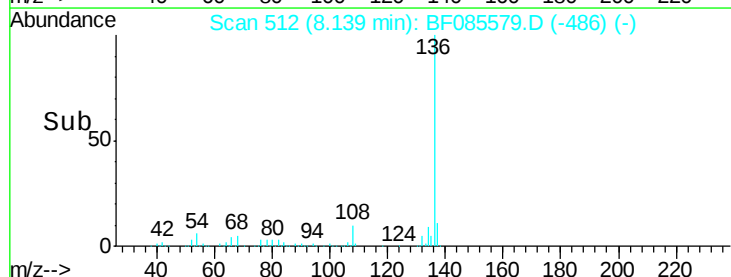
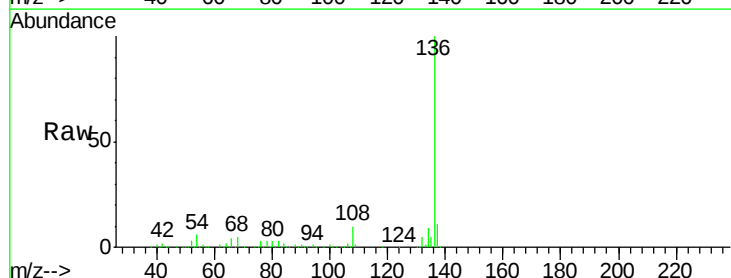
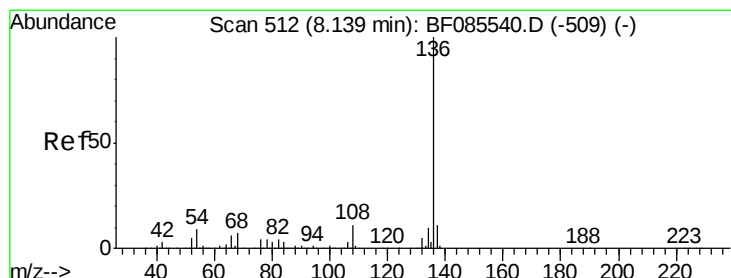
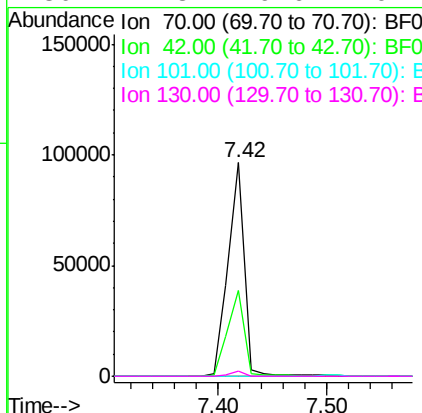




#19
n-Nitroso-di-n-propylamine
Concen: 18.62 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

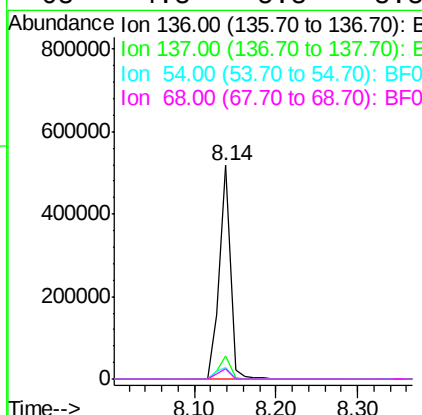
Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

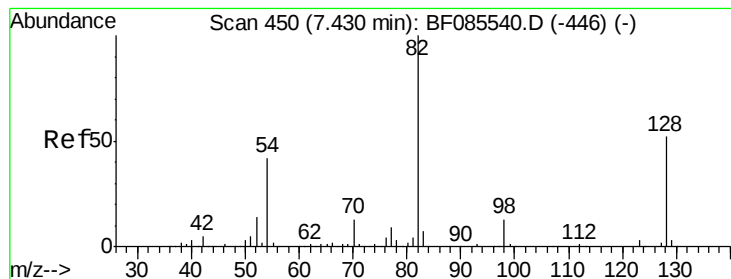
Tgt Ion: 70 Resp: 99670
Ion Ratio Lower Upper
70 100
42 40.2 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Tgt Ion: 136 Resp: 487747
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.7 7.4 11.0#
68 4.8 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 90.15 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

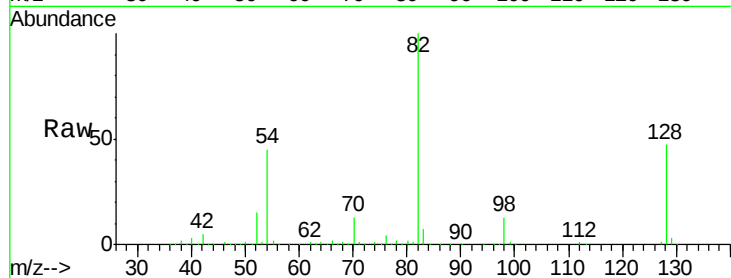
Tgt Ion: 82 Resp: 757541

Ion Ratio Lower Upper

82 100

128 47.3 41.8 62.8

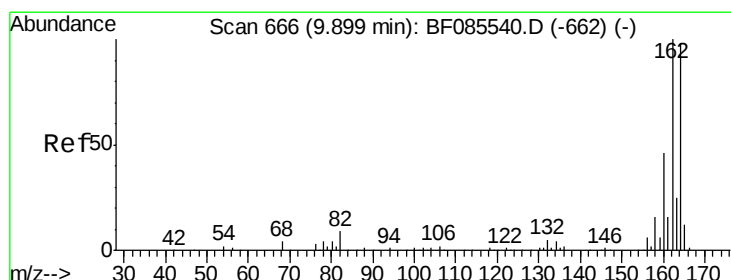
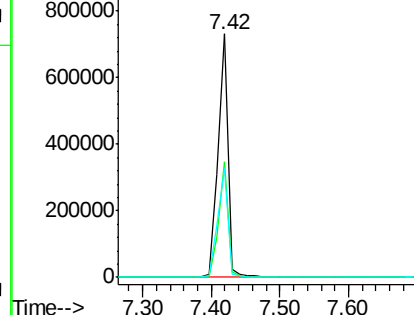
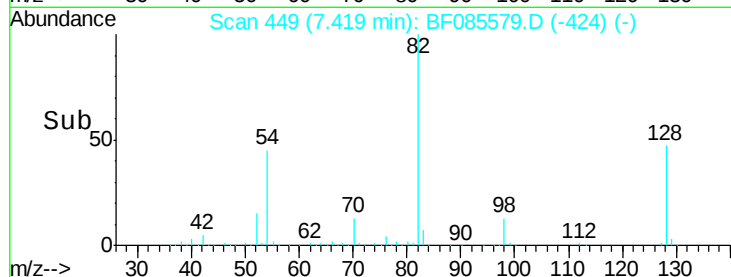
54 45.1 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

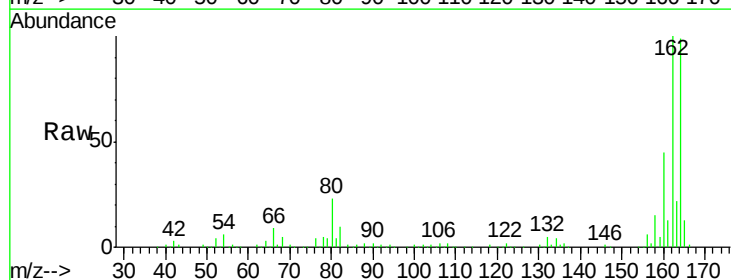
Tgt Ion: 164 Resp: 212734

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

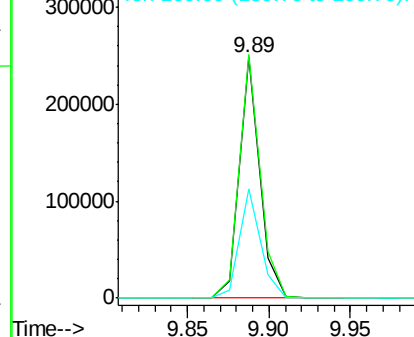
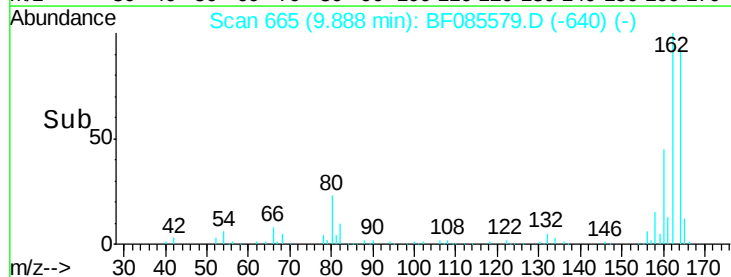
160 45.6 37.4 56.2

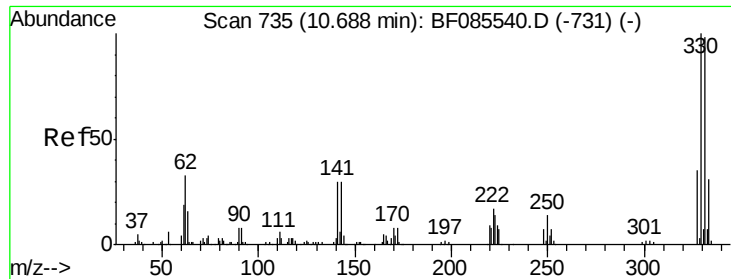


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

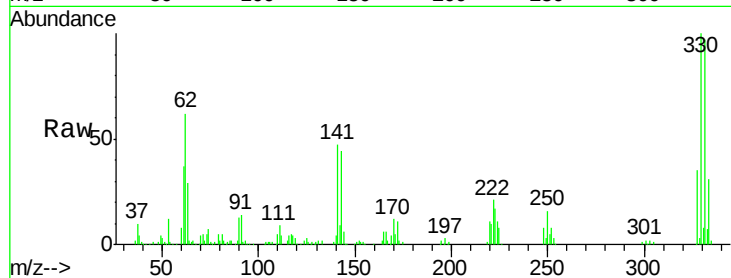




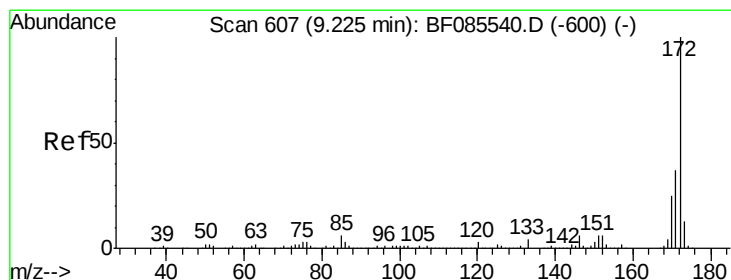
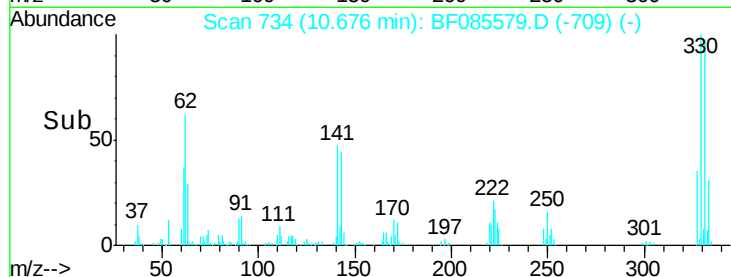
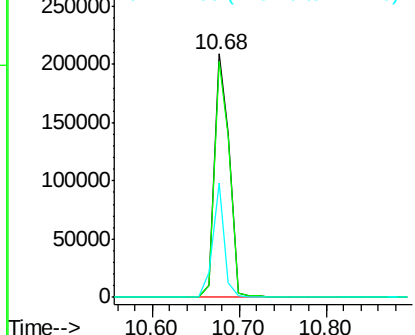
#41
 2,4,6-Tribromophenol
 Concen: 121.82 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085579.D
 Acq: 19 Mar 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Tgt Ion:330 Resp: 253848
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.2 117.2
 141 36.4 31.5 47.3

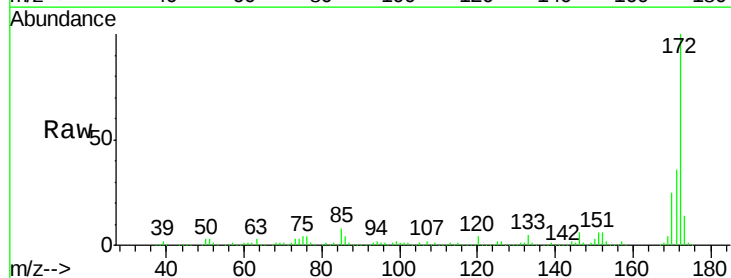


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

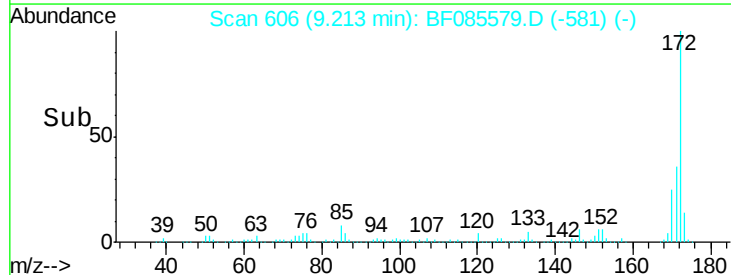
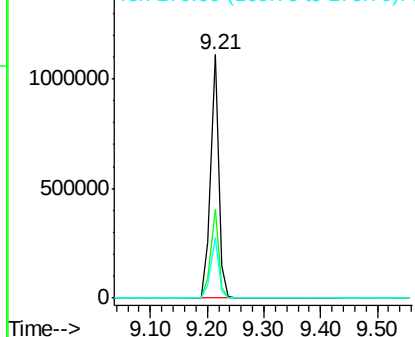


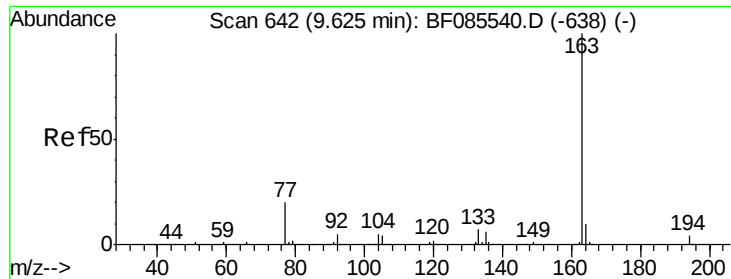
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085579.D
 Acq: 19 Mar 2016 18:09

Tgt Ion:172 Resp: 1050870
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 19.8 29.6



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

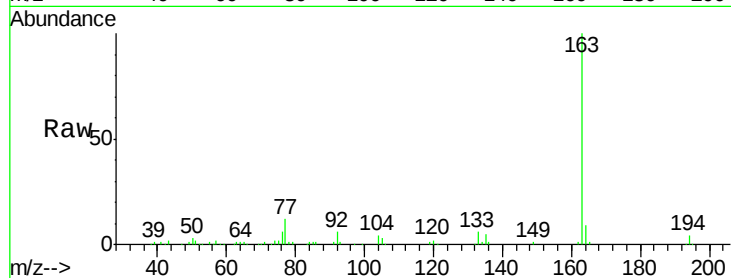




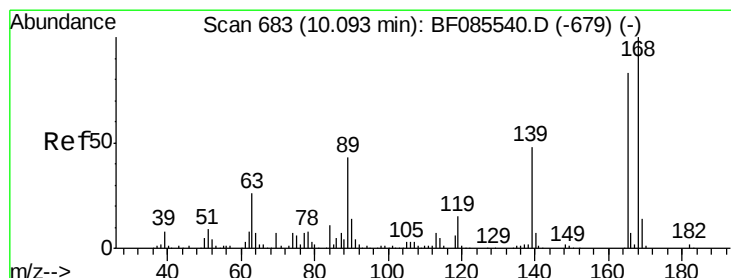
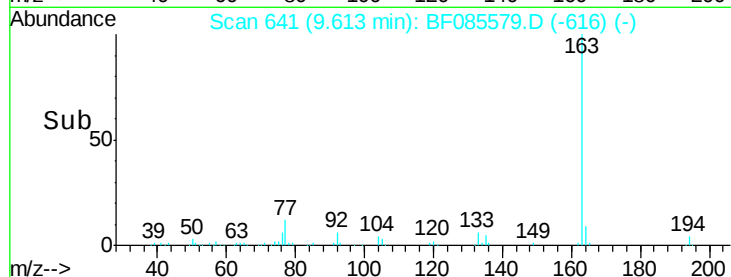
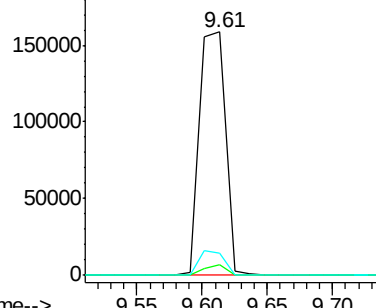
#49
Dimethylphthalate
Concen: 13.75 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Tgt Ion:163 Resp: 220753
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 9.2 8.3 12.5

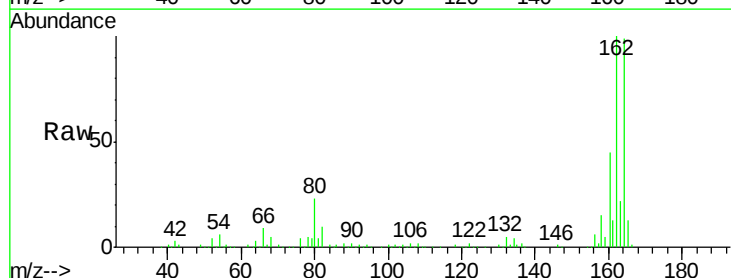


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

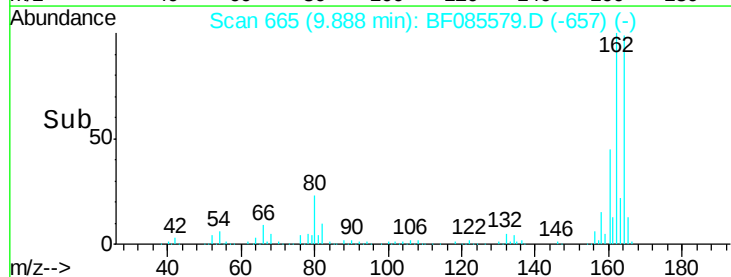
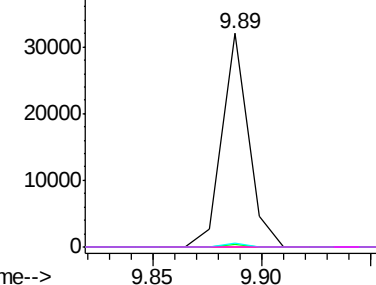


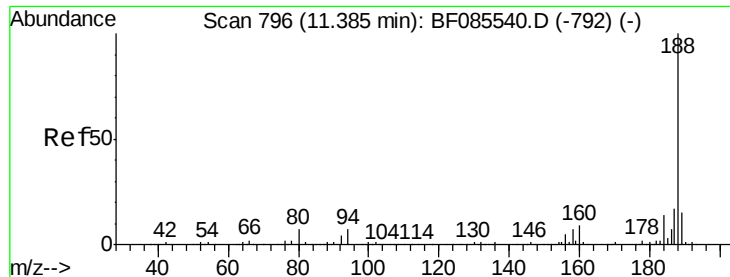
#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Tgt Ion:165 Resp: 26919
Ion Ratio Lower Upper
165 100
63 1.1 24.9 37.3#
89 1.5 41.0 61.6#
182 0.0 2.1 3.1#



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

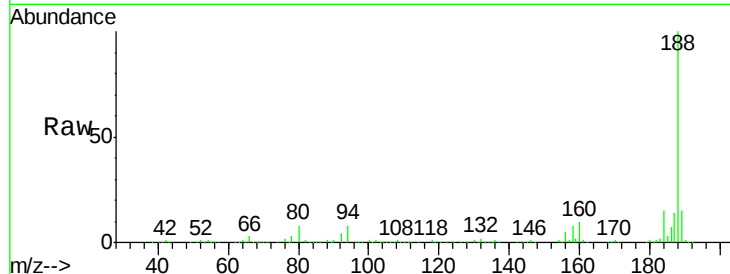




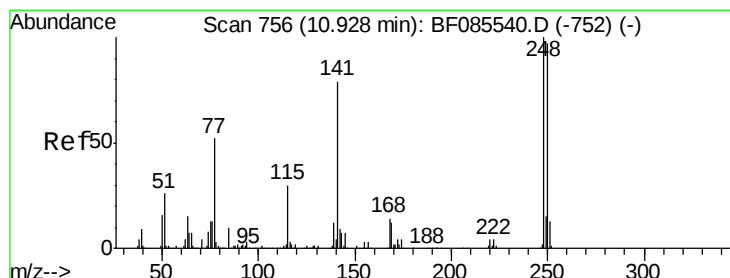
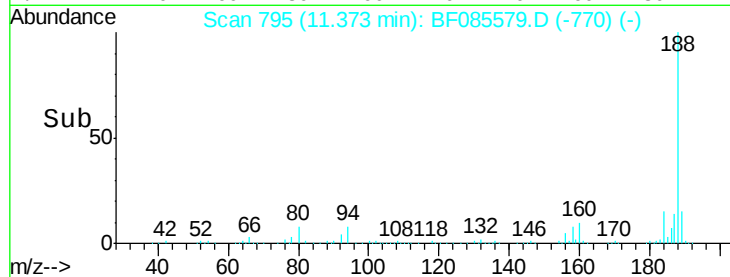
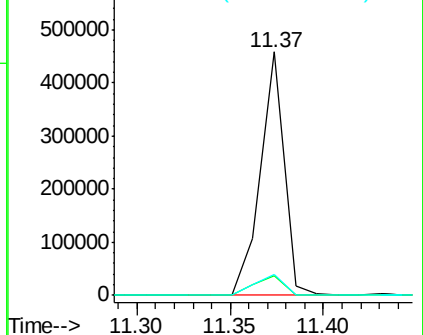
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Tgt Ion:188 Resp: 403033
Ion Ratio Lower Upper
188 100
94 8.1 5.4 8.0#
80 8.4 5.5 8.3#

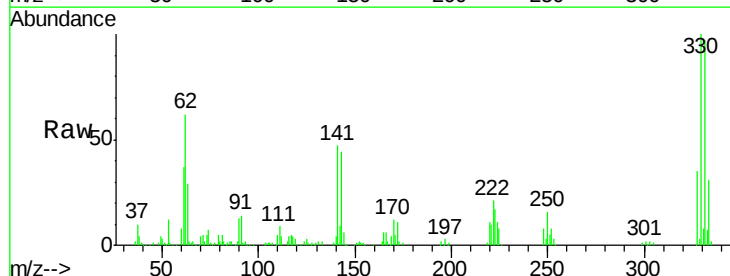


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

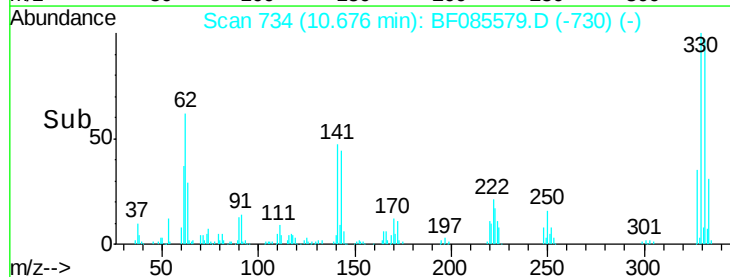
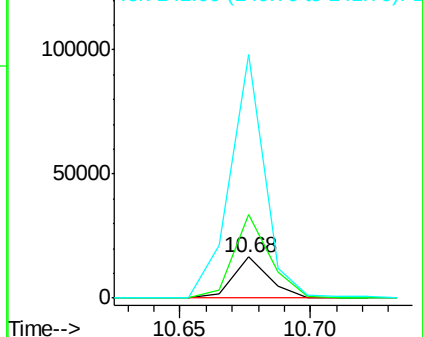


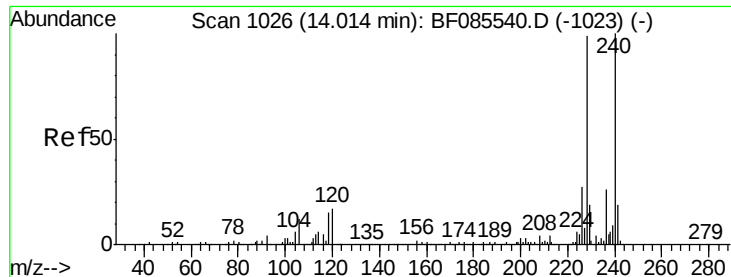
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Tgt Ion:248 Resp: 15874
Ion Ratio Lower Upper
248 100
250 203.8 77.4 116.0#
141 590.0 63.6 95.4#



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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

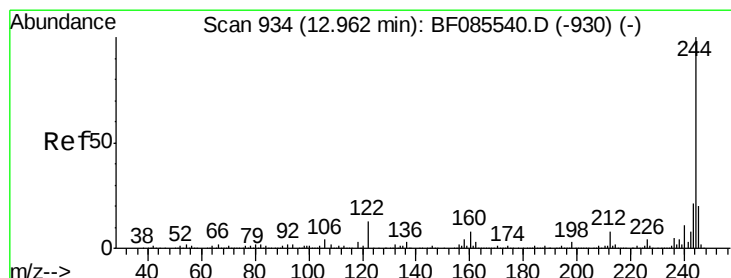
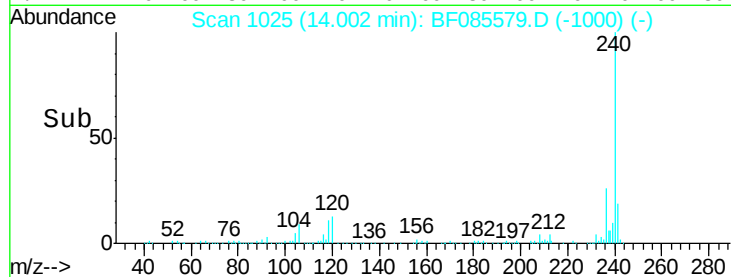
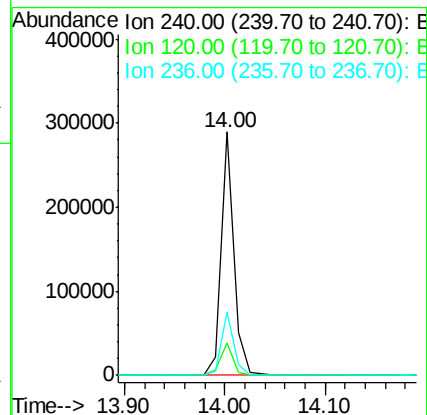
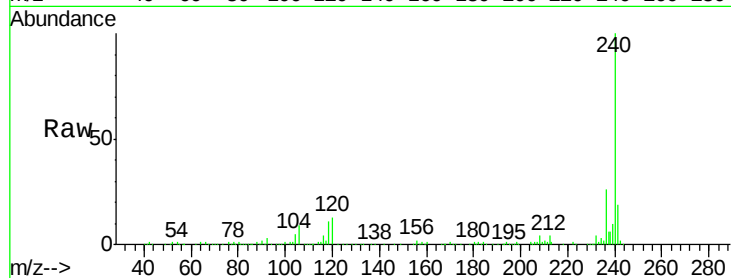
Tgt Ion:240 Resp: 253984

Ion Ratio Lower Upper

240 100

120 13.2 13.8 20.8#

236 25.9 20.6 30.8



#78

Terphenyl-d14

Concen: 96.38 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

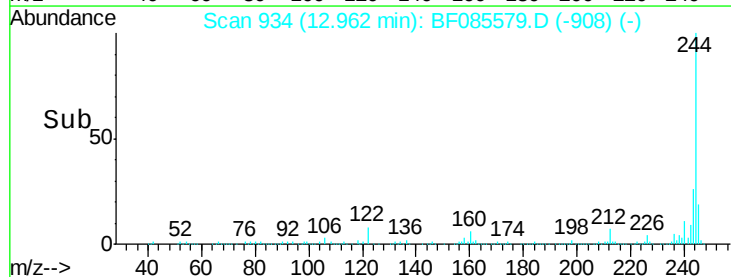
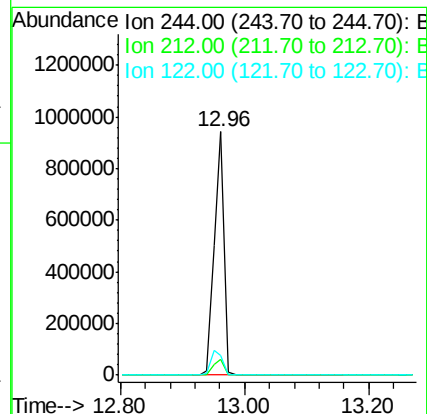
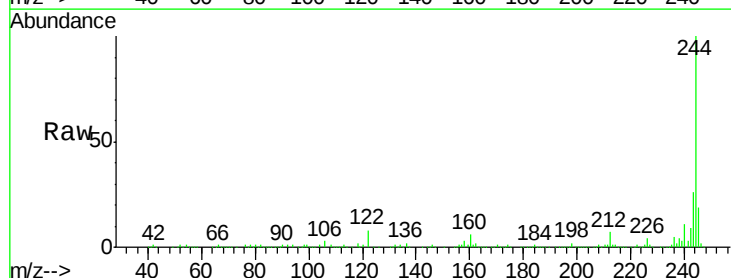
Tgt Ion:244 Resp: 1017238

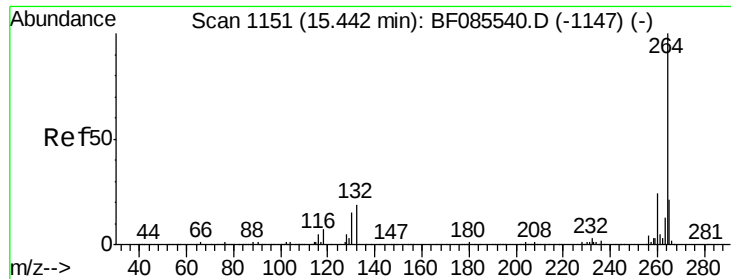
Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

122 8.1 10.2 15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Tgt Ion: 264 Resp: 200359
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.3 17.2 25.8

