

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085279.D
 Acq On : 9 Mar 2016 2:19
 Operator : UM/SJ
 Sample : H1703-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38COMP(0.5-4.0)

Quant Time: Mar 09 02:53:07 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

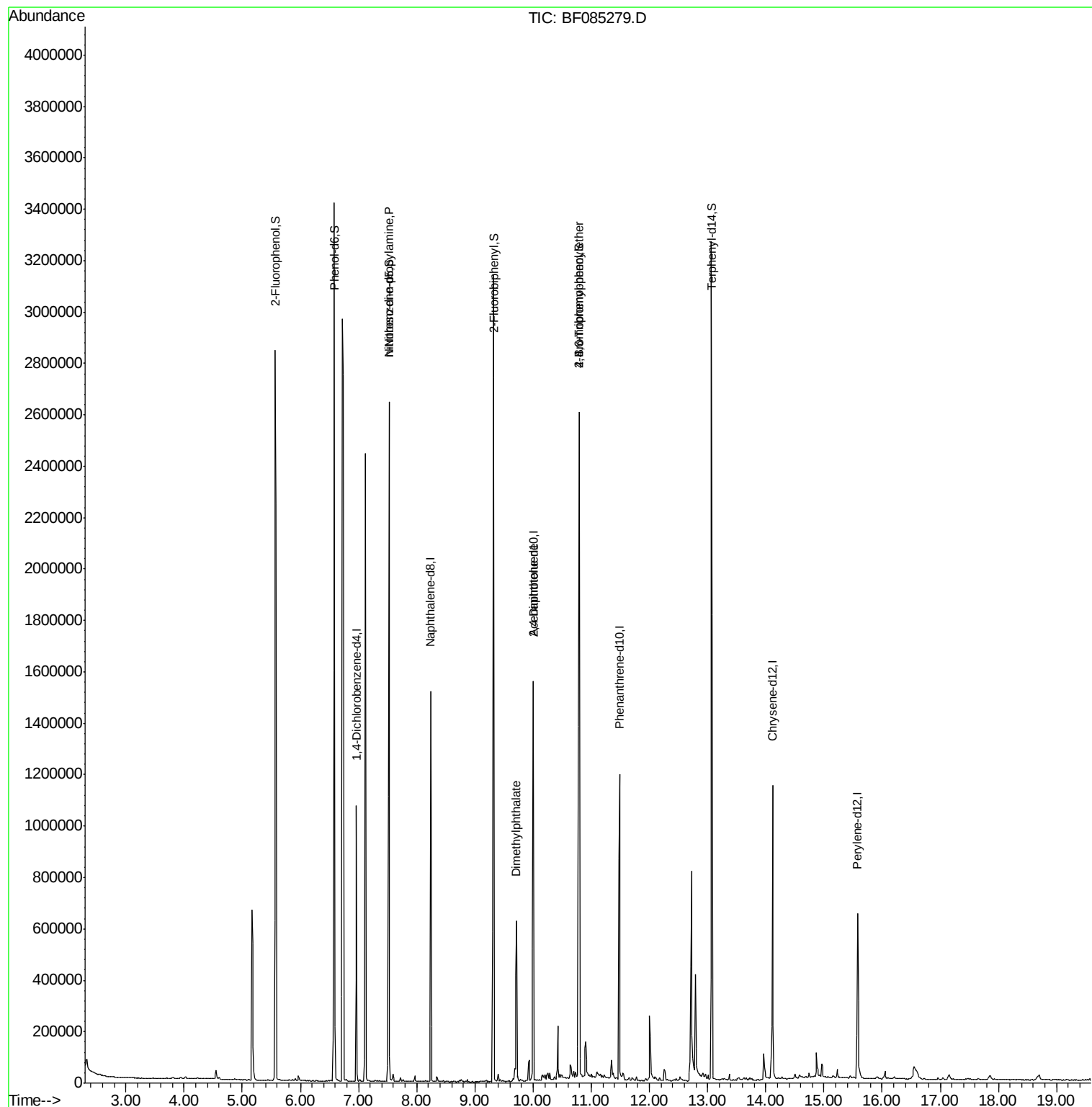
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	174410	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	665418	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	315263	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	573690	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	367956	20.00	ng	-0.03
86) Perylene-d12	15.58	264	285731	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1231539	118.44	ng	-0.01
7) Phenol-d6	6.58	99	1381827	101.44	ng	-0.02
23) Nitrobenzene-d5	7.52	82	960145	77.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	360824	133.76	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1535232	74.06	ng	-0.02
78) Terphenyl-d14	13.07	244	1253805	79.10	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	2295	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.52	70	127942	14.41 ng	#	77
49) Dimethylphthalate	9.72	163	331803	13.71 ng		99
56) 2,4-Dinitrotoluene	10.00	165	41035	6.19 ng	#	22
66) 4-Bromophenyl-phenylether	10.79	248	26319	4.72 ng	#	1

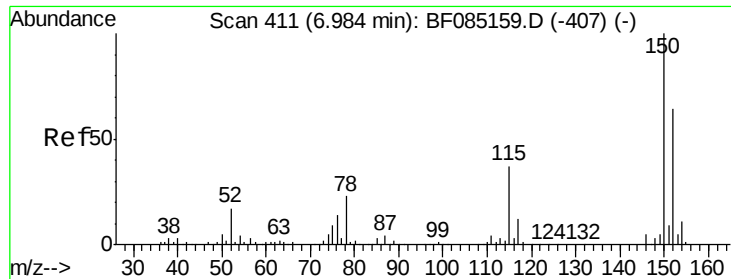
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

Instrument :

BNA_F

ClientSampleId :

SB-38COMP(0.5-4.0)

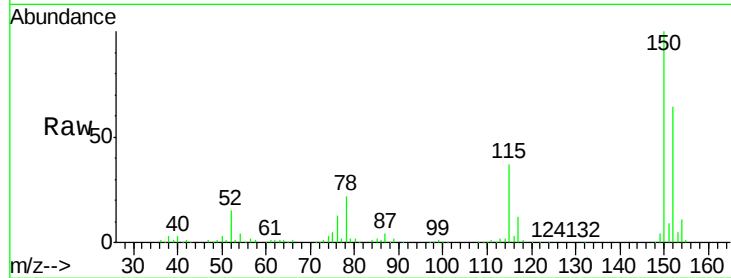
Tgt Ion:152 Resp: 174410

Ion Ratio Lower Upper

152 100

150 155.2 124.6 186.8

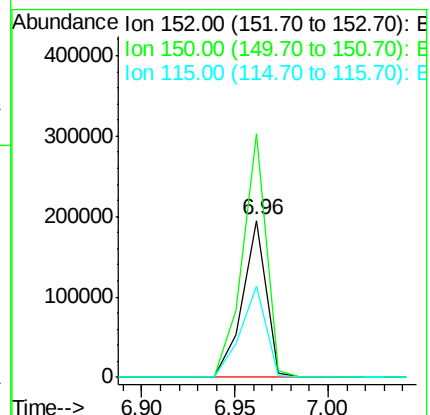
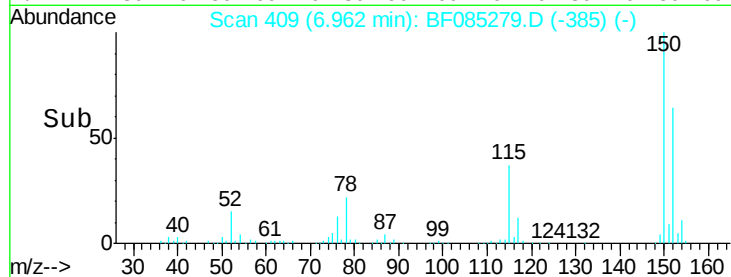
115 58.0 46.6 70.0



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: 118.44 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

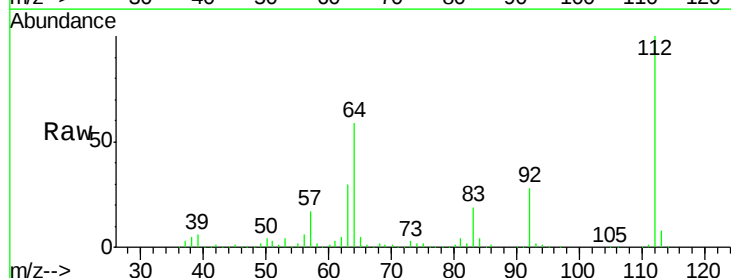
Tgt Ion:112 Resp: 1231539

Ion Ratio Lower Upper

112 100

64 58.8 49.0 73.4

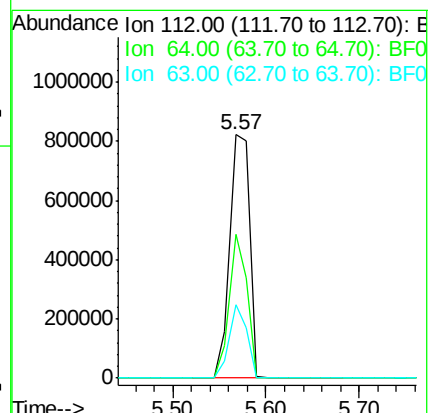
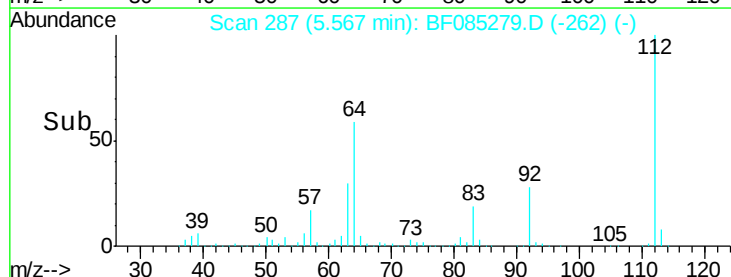
63 30.0 24.8 37.2



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: 101.44 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

Instrument :

BNA_F

ClientSampleId :

SB-38COMP(0.5-4.0)

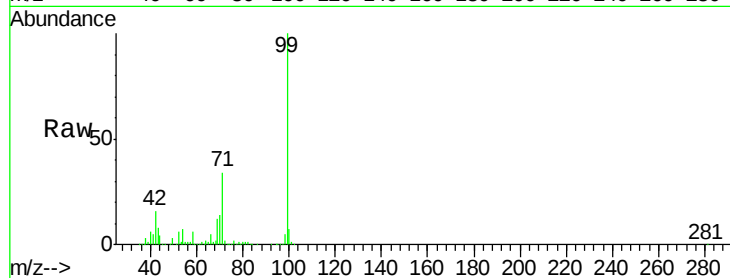
Tgt Ion: 99 Resp: 1381827

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

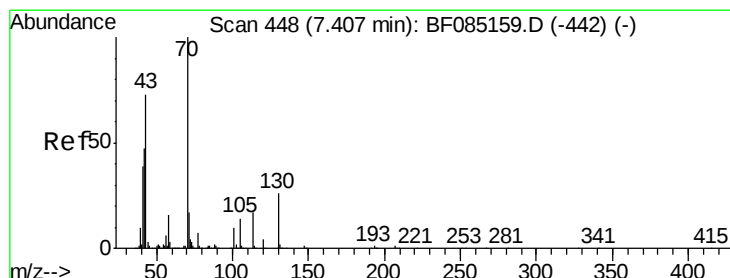
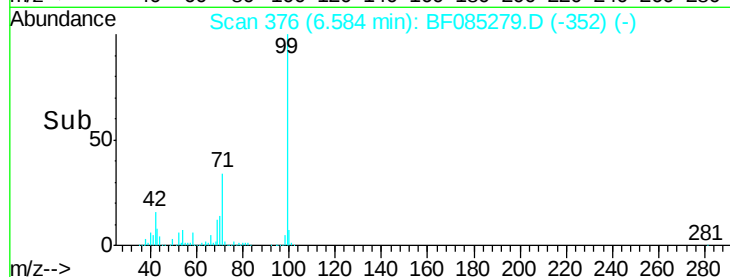
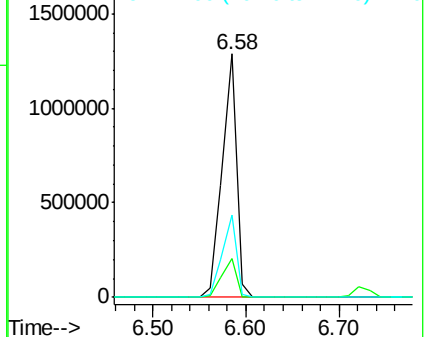
71 33.6 26.7 40.1



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: 14.41 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

Tgt Ion: 70 Resp: 127942

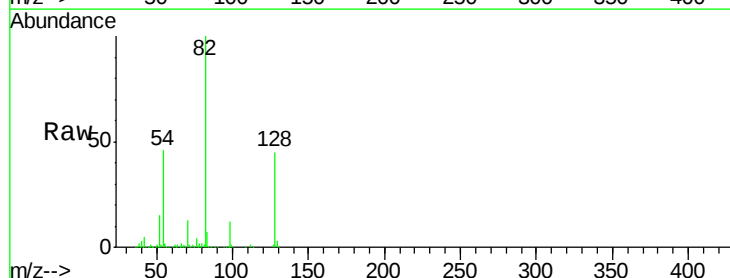
Ion Ratio Lower Upper

70 100

42 40.7 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

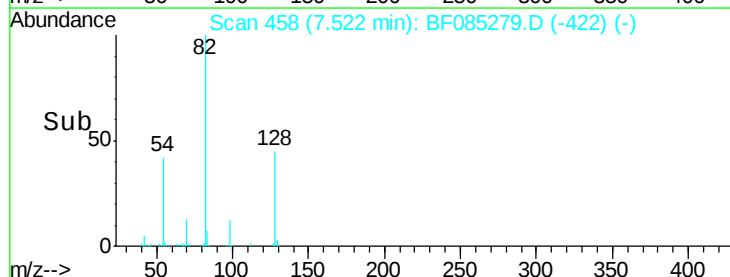
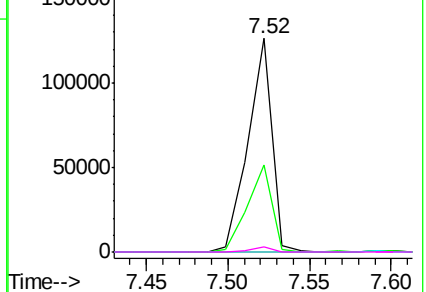


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

Instrument :

BNA_F

ClientSampleId :

SB-38COMP(0.5-4.0)

Tgt Ion: 136 Resp: 665418

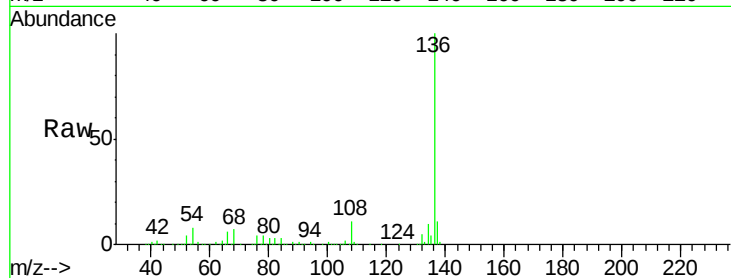
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.8 7.4 11.2

68 6.6 6.0 9.0

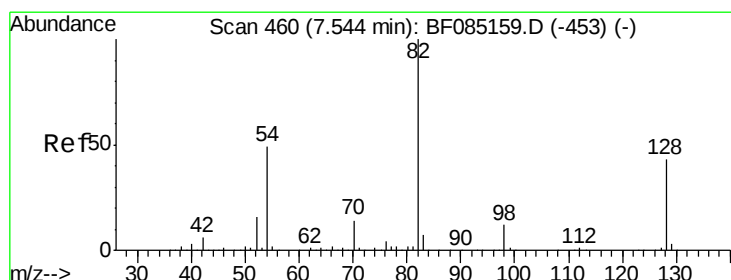
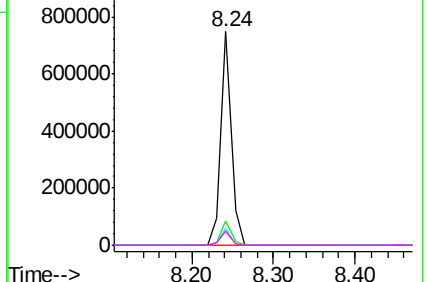
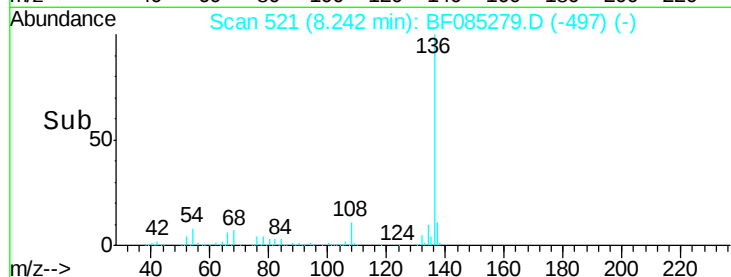


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.21 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

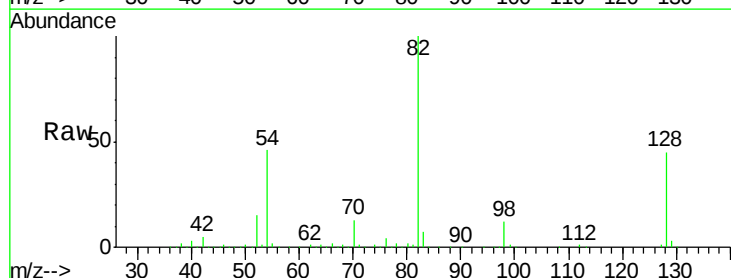
Tgt Ion: 82 Resp: 960145

Ion Ratio Lower Upper

82 100

128 45.5 34.5 51.7

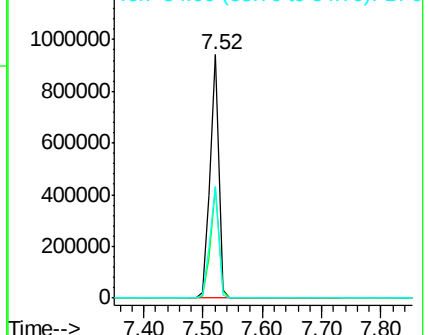
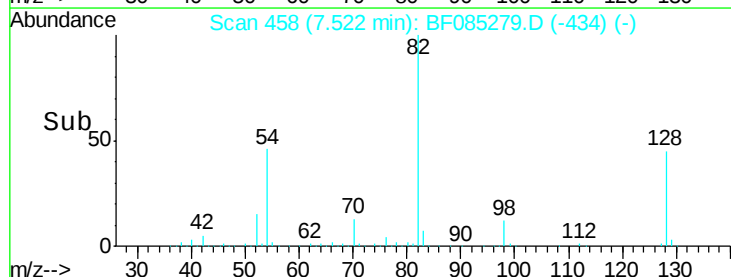
54 45.7 39.3 58.9

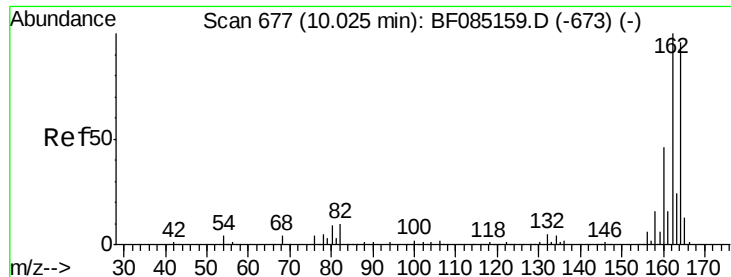


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

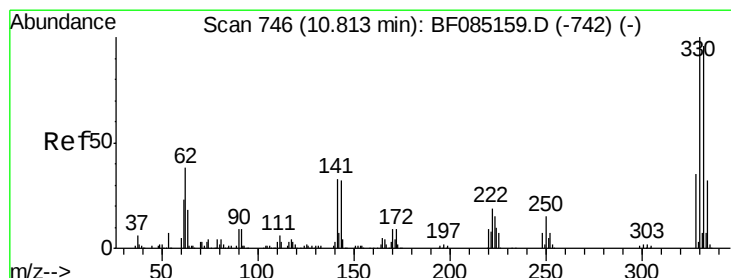
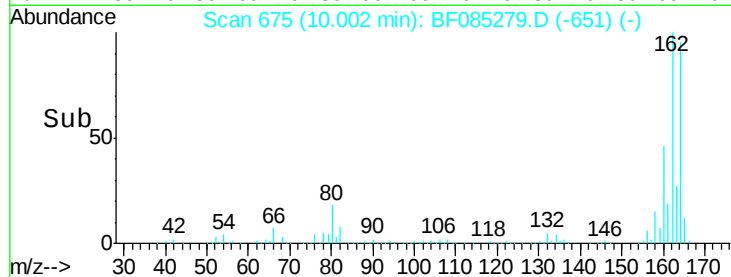
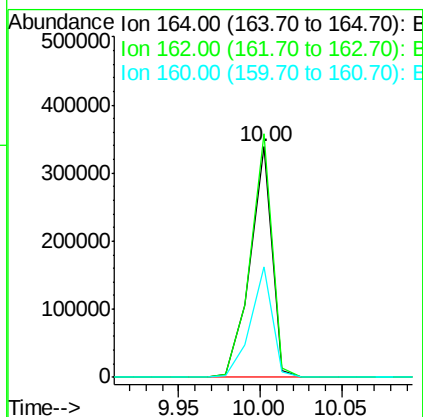
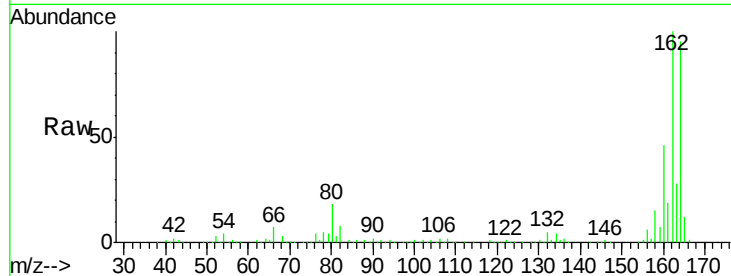




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085279.D
 Acq: 9 Mar 2016 2:19

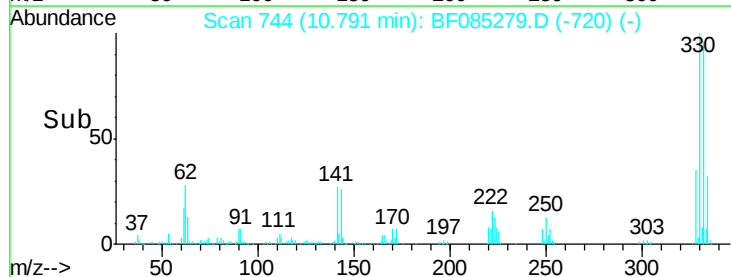
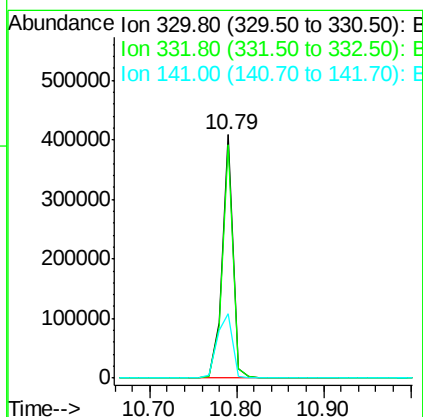
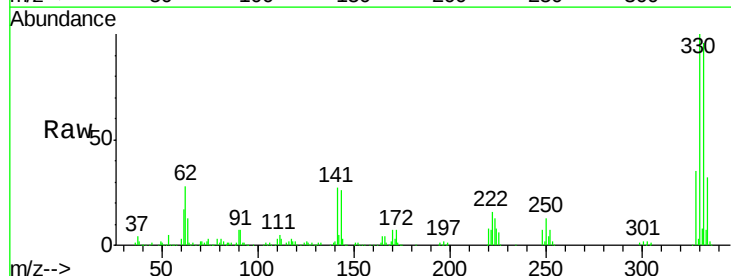
Instrument :
 BNA_F
 ClientSampleId :
 SB-38COMP(0.5-4.0)

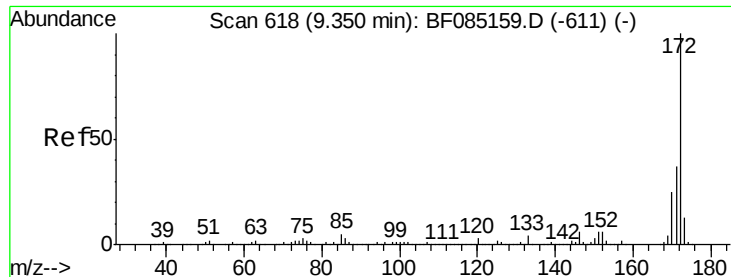
Tgt Ion:164 Resp: 315263
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.3 124.9
 160 48.1 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 133.76 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085279.D
 Acq: 9 Mar 2016 2:19

Tgt Ion:330 Resp: 360824
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 37.9 35.0 52.6

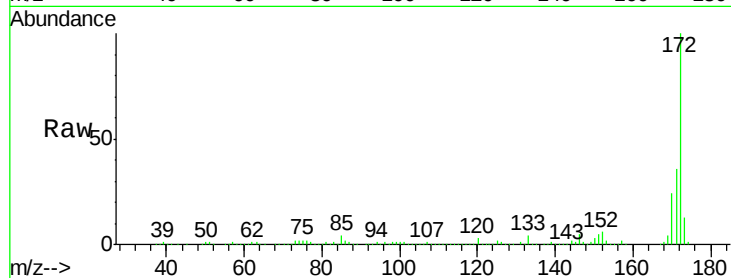




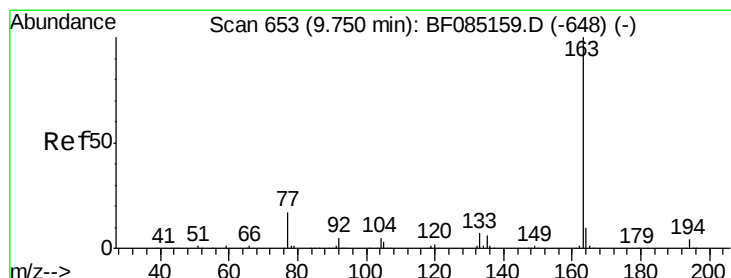
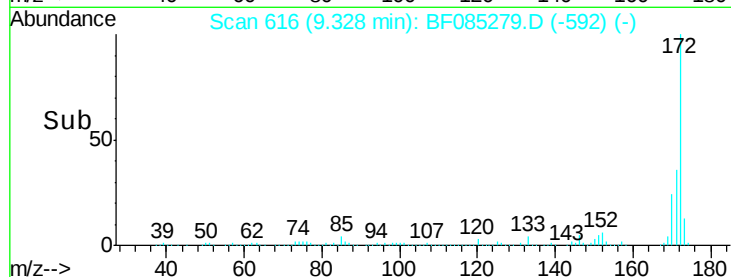
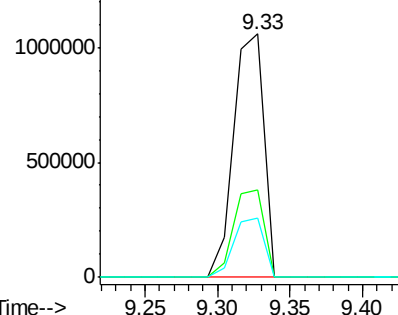
#44
2-Fluorobiphenyl
Concen: 74.06 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085279.D
Acq: 9 Mar 2016 2:19

Instrument :
BNA_F
ClientSampleId :
SB-38COMP(0.5-4.0)

Tgt Ion:172 Resp: 1535232
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 24.4 20.0 30.0

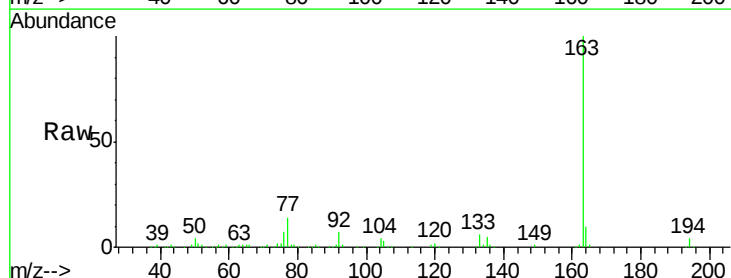


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

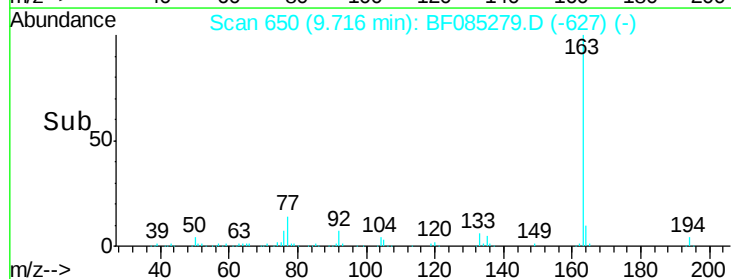
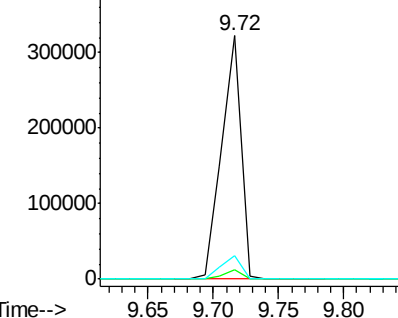


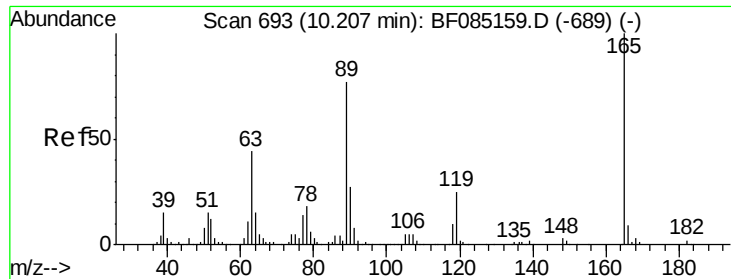
#49
Dimethylphthalate
Concen: 13.71 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085279.D
Acq: 9 Mar 2016 2:19

Tgt Ion:163 Resp: 331803
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.7 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: 6.19 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

Instrument :

BNA_F

ClientSampleId :

SB-38COMP(0.5-4.0)

Tgt Ion:165 Resp: 41035

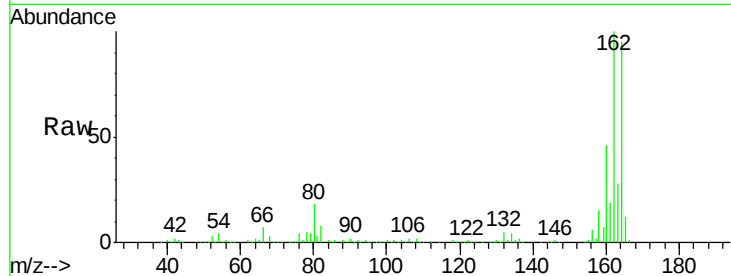
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

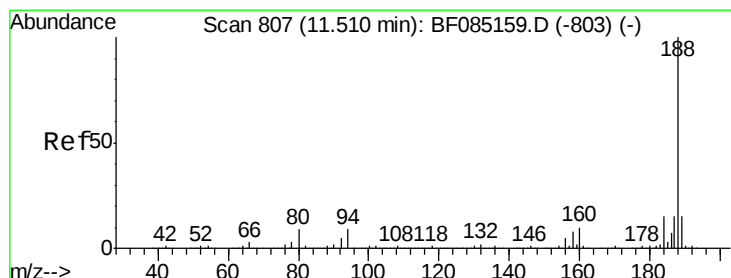
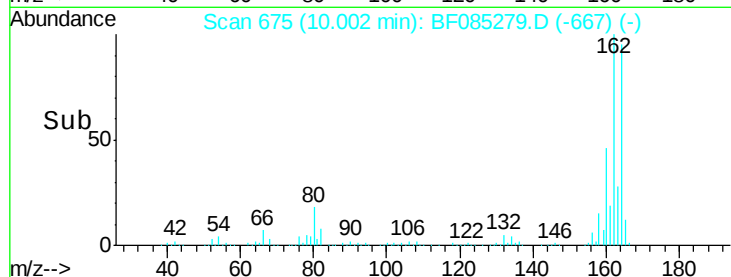
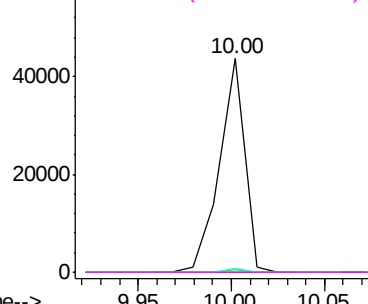


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

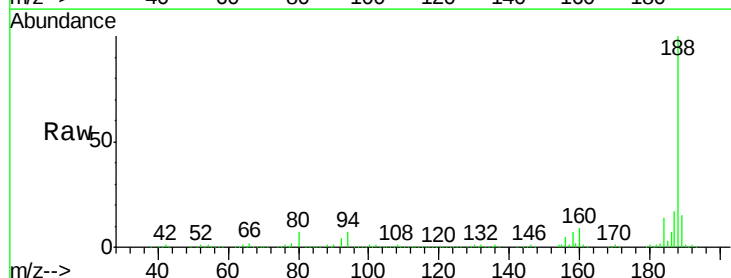
Tgt Ion:188 Resp: 573690

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.6#

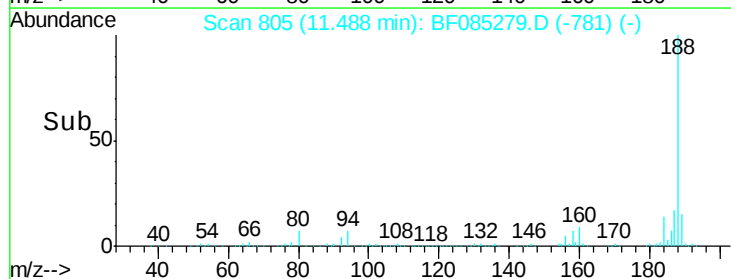
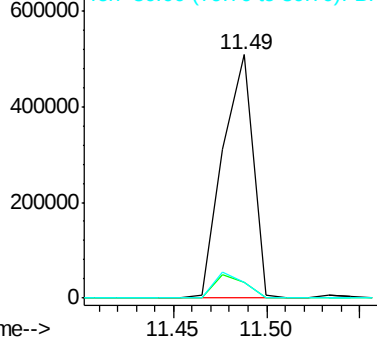
80 6.7 7.4 11.0#

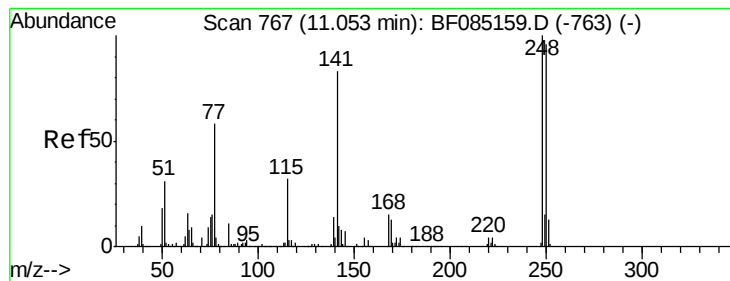


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085279.D

Acq: 9 Mar 2016 2:19

Instrument :

BNA_F

ClientSampleId :

SB-38COMP(0.5-4.0)

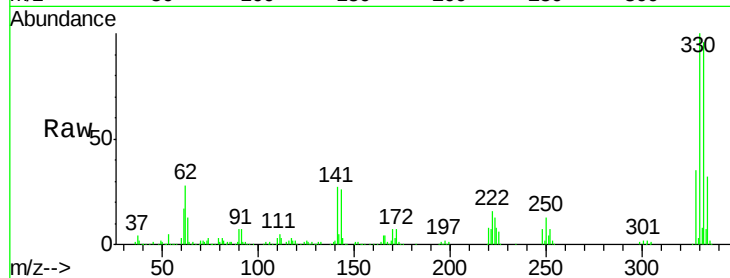
Tgt Ion:248 Resp: 26319

Ion Ratio Lower Upper

248 100

250 190.2 77.1 115.7#

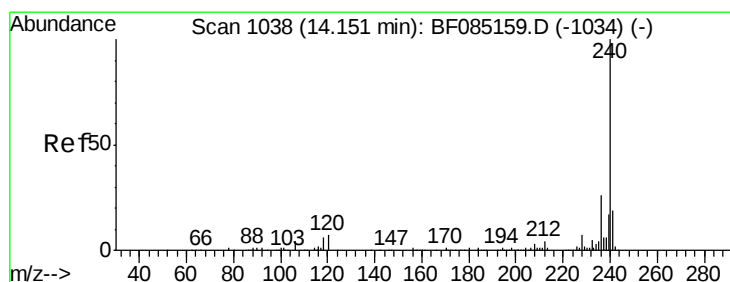
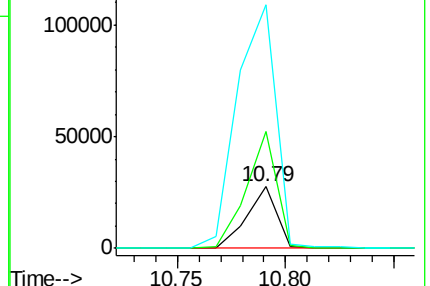
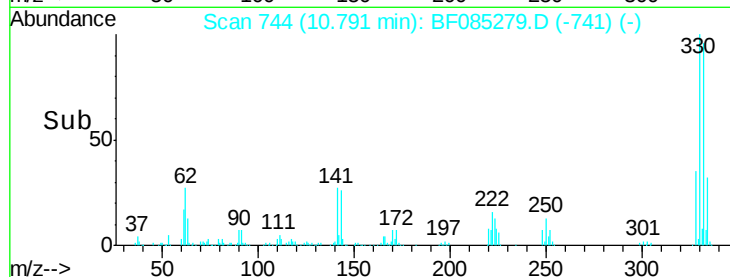
141 397.0 66.2 99.2#



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: BF085279.D

Acq: 9 Mar 2016 2:19

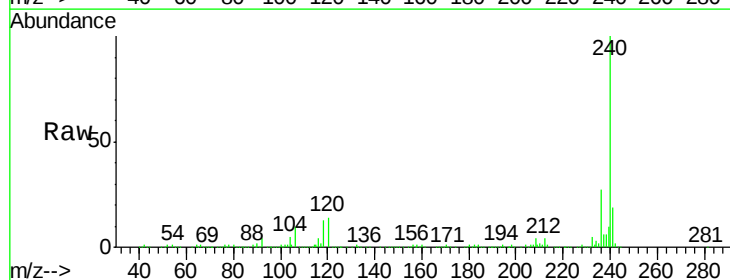
Tgt Ion:240 Resp: 367956

Ion Ratio Lower Upper

240 100

120 14.3 5.3 7.9#

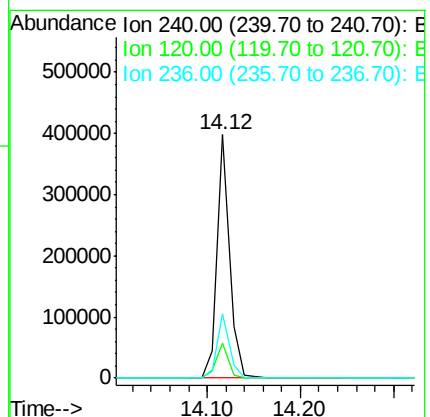
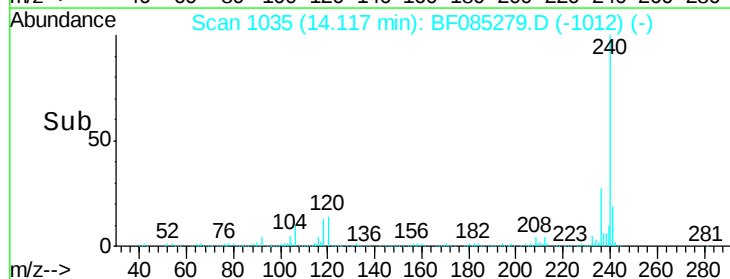
236 26.6 20.7 31.1

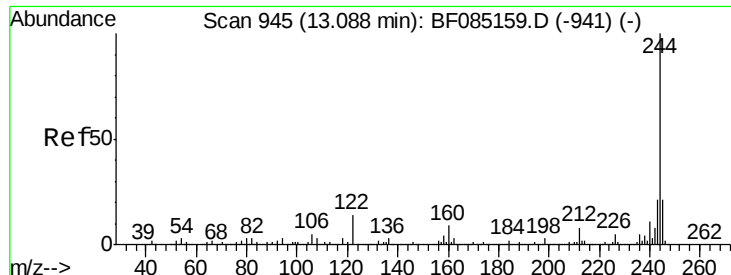


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

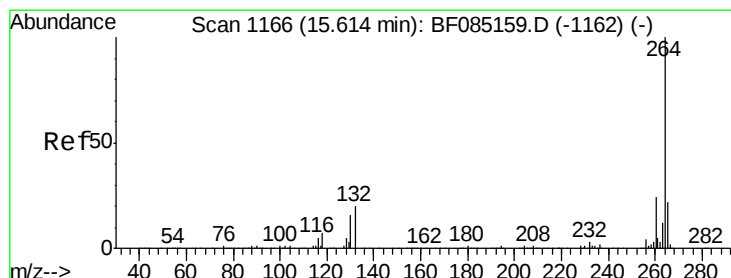
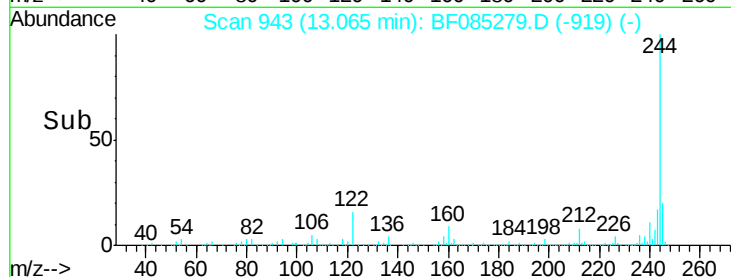
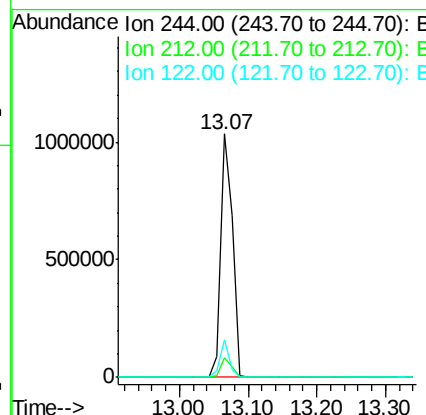
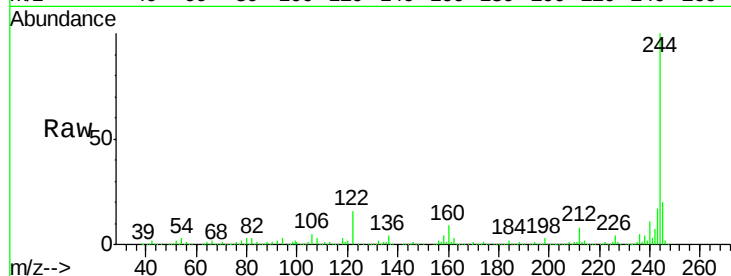




#78
 Terphenyl-d14
 Concen: 79.10 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085279.D
 Acq: 9 Mar 2016 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-38COMP(0.5-4.0)

Tgt Ion:244 Resp: 1253805
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085279.D
 Acq: 9 Mar 2016 2:19

Tgt Ion:264 Resp: 285731
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 17.3 25.9

