

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085679.D
 Acq On : 23 Mar 2016 00:52
 Operator : UM/SJ
 Sample : H1864-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Quant Time: Mar 23 01:19:45 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

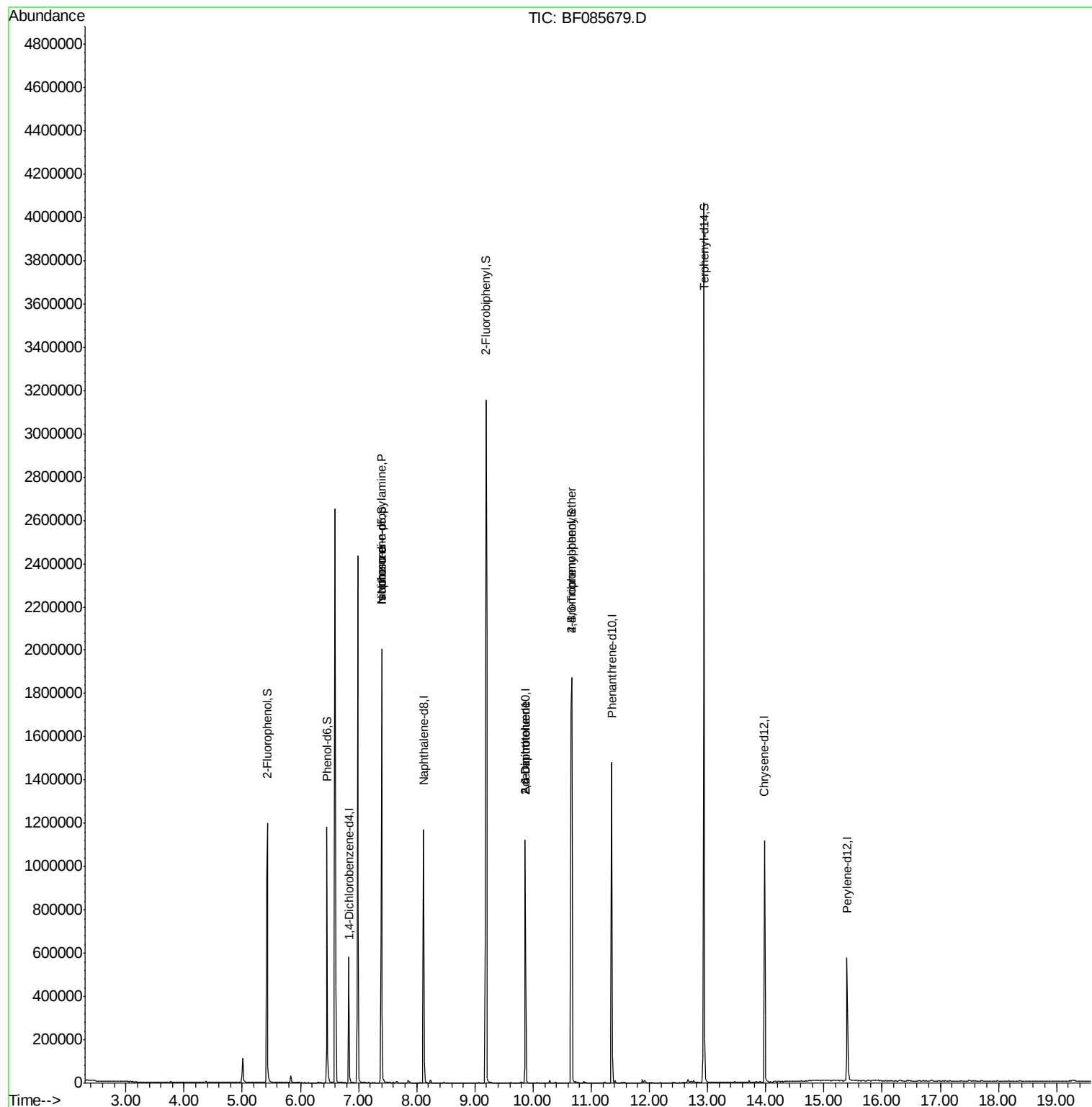
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122968	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	525169	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	243051	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	502892	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	384213	20.00	ng	-0.03
86) Perylene-d12	15.40	264	263815	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	497602	67.97	ng	-0.02
7) Phenol-d6	6.46	99	405003	43.13	ng	-0.03
23) Nitrobenzene-d5	7.40	82	751584	83.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	402905	169.23	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1426638	107.00	ng	-0.03
78) Terphenyl-d14	12.94	244	1442076	90.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	98723	17.60	ng	# 78
25) Isophorone	7.40	82	575307	31.76	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	30851	7.97	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	30853	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	25481	5.07	ng	# 1

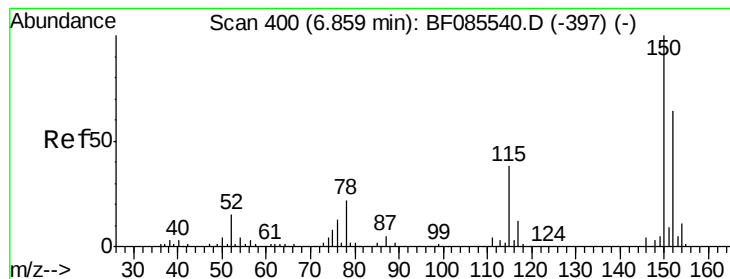
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

Instrument :

BNA_F

ClientSampleId :

LIP-16

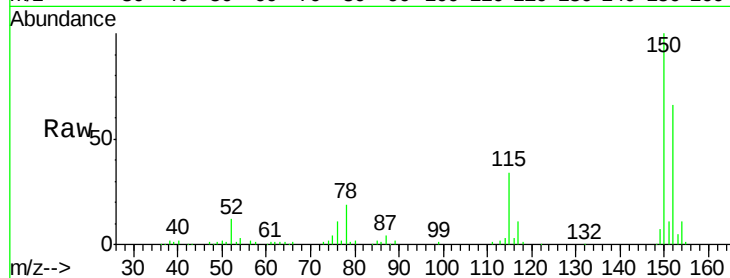
Tgt Ion:152 Resp: 122968

Ion Ratio Lower Upper

152 100

150 151.9 124.2 186.2

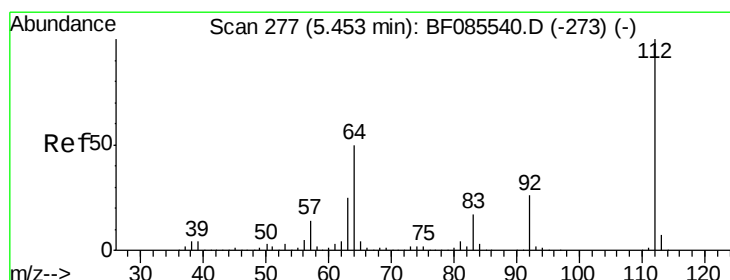
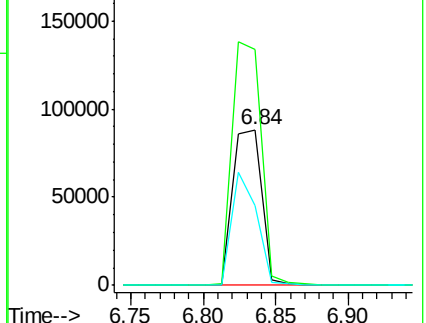
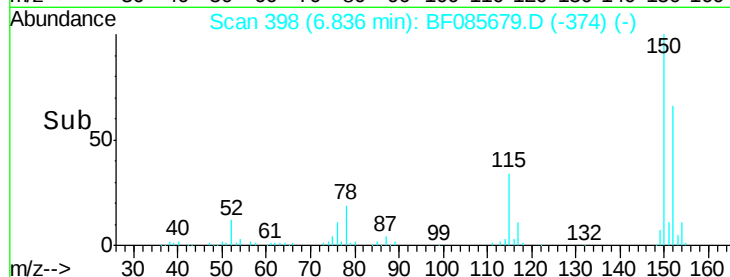
115 51.6 47.0 70.6



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: 67.97 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

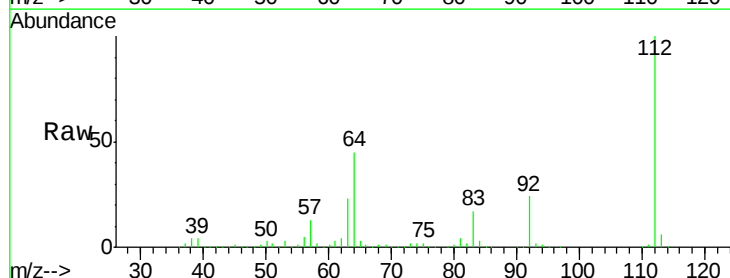
Tgt Ion:112 Resp: 497602

Ion Ratio Lower Upper

112 100

64 45.4 39.9 59.9

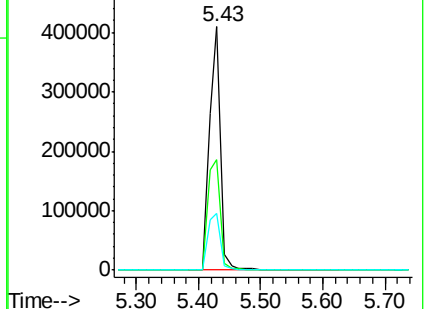
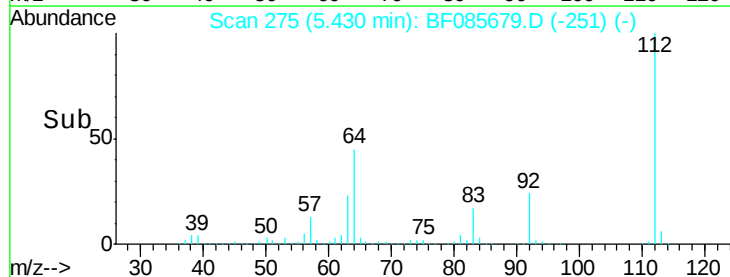
63 23.2 20.2 30.2

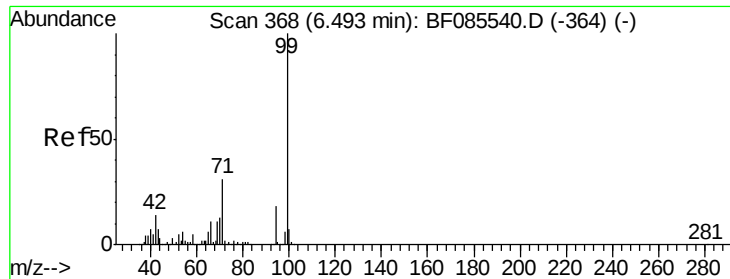


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.13 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

Instrument :

BNA_F

ClientSampleId :

LIP-16

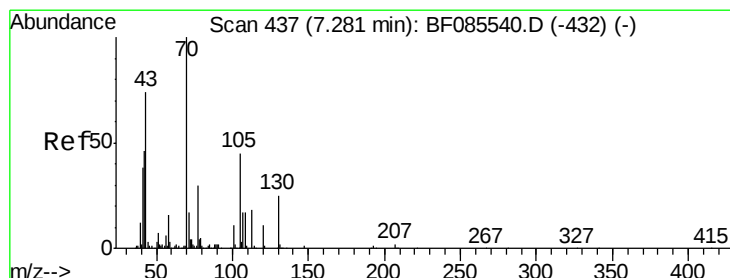
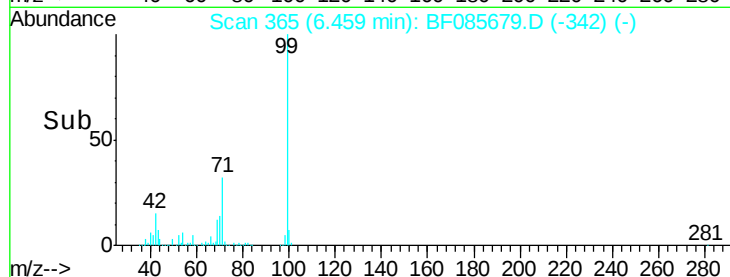
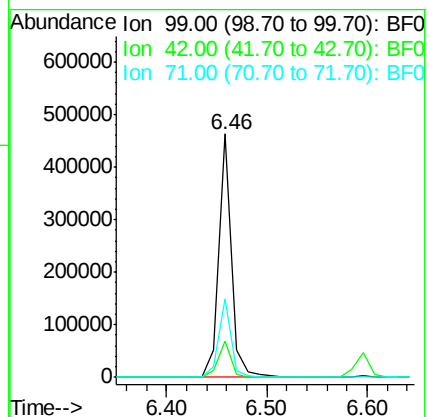
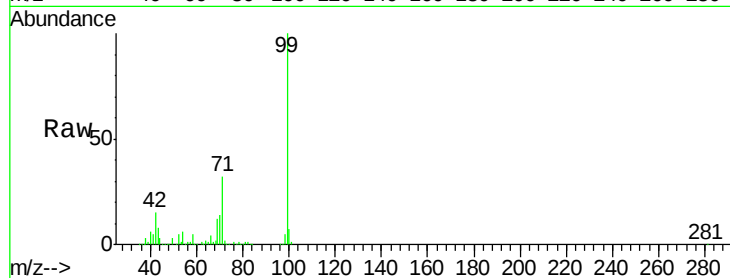
Tgt Ion: 99 Resp: 405003

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 32.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.60 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

Tgt Ion: 70 Resp: 98723

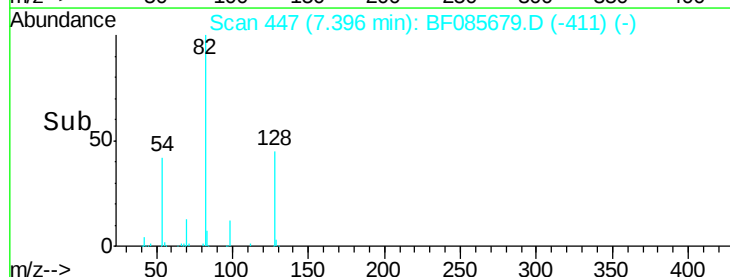
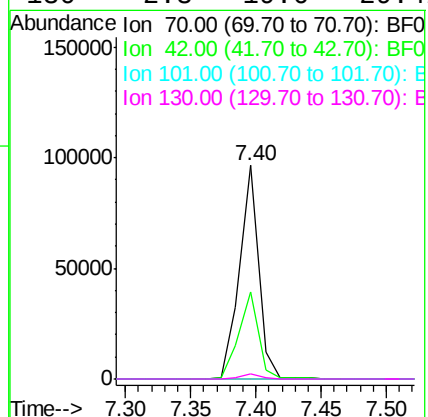
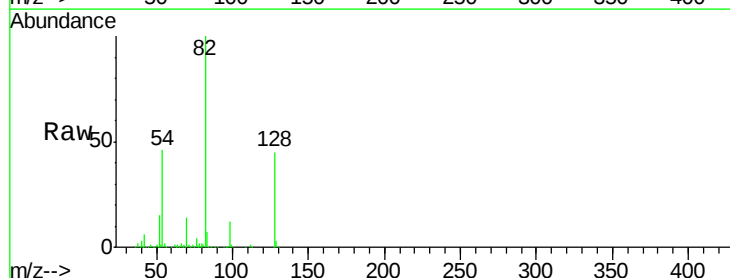
Ion Ratio Lower Upper

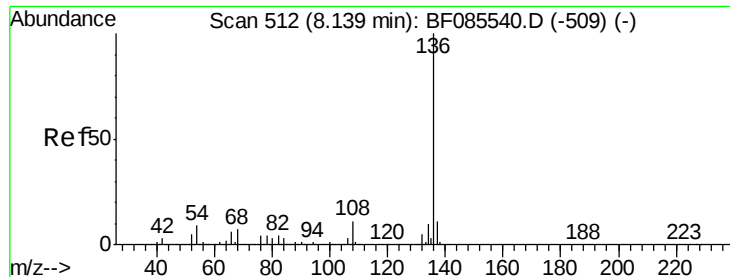
70 100

42 40.8 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: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

Instrument :

BNA_F

ClientSampleId :

LIP-16

Tgt Ion:136 Resp: 525169

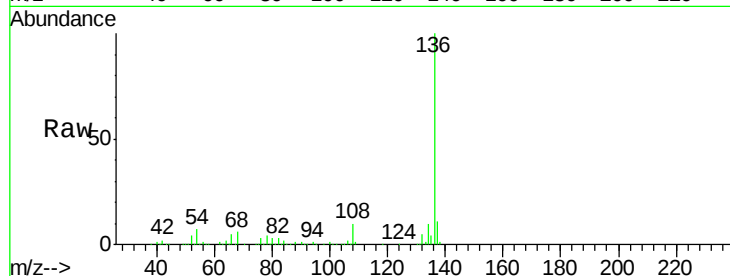
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 7.4 11.0#

68 5.8 5.8 8.8#

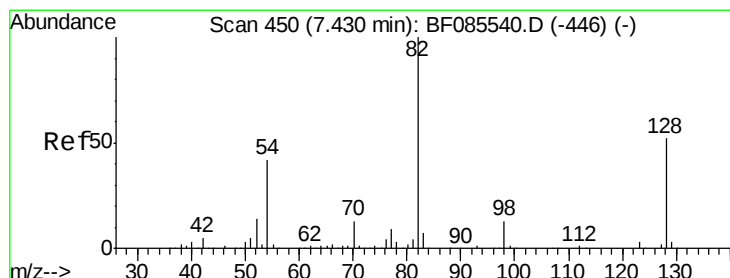
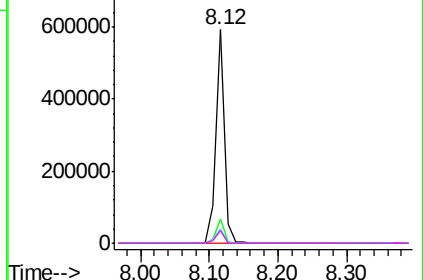
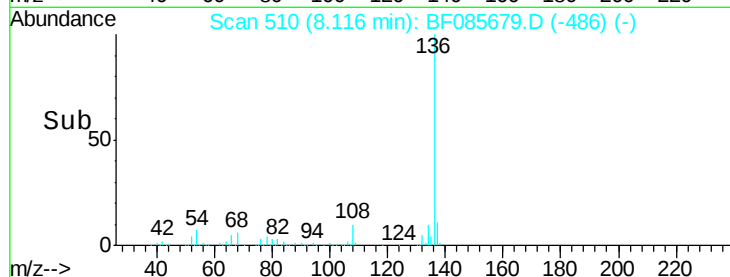


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.07 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

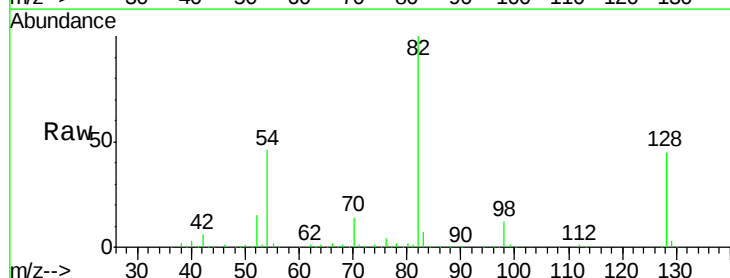
Tgt Ion: 82 Resp: 751584

Ion Ratio Lower Upper

82 100

128 45.3 41.8 62.8

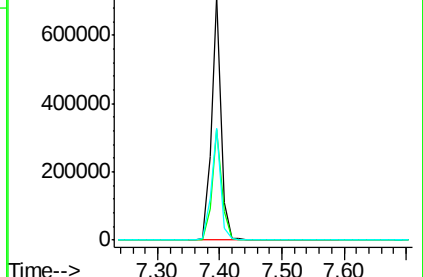
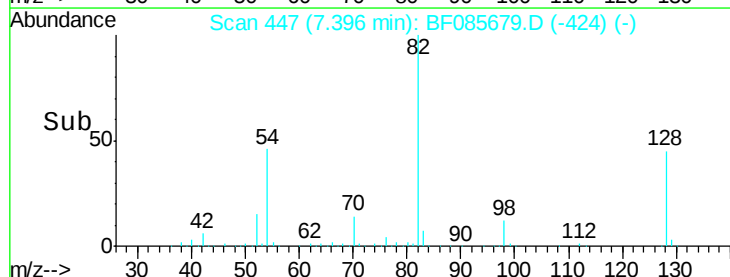
54 45.9 33.4 50.0

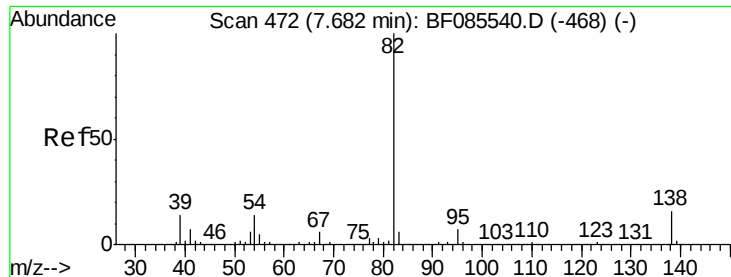


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.76 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

Instrument :

BNA_F

ClientSampleId :

LIP-16

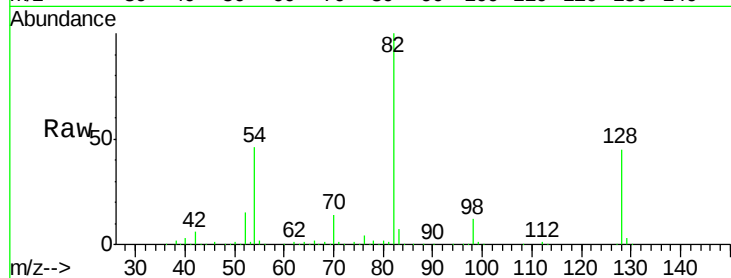
Tgt Ion: 82 Resp: 575307

Ion Ratio Lower Upper

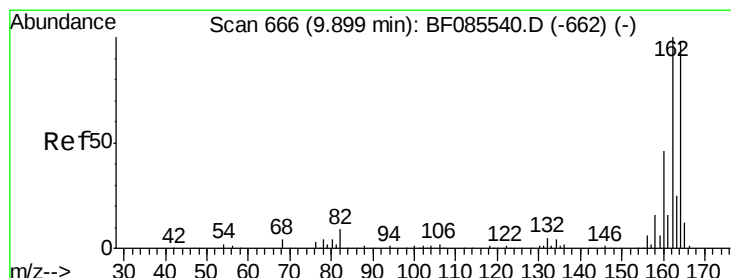
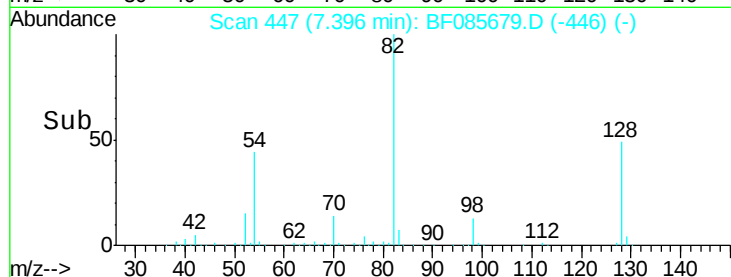
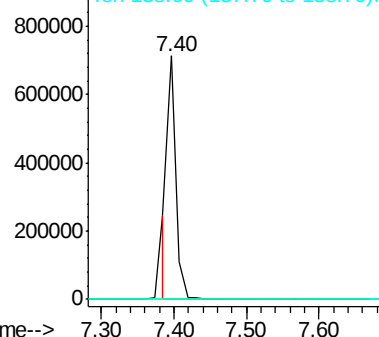
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

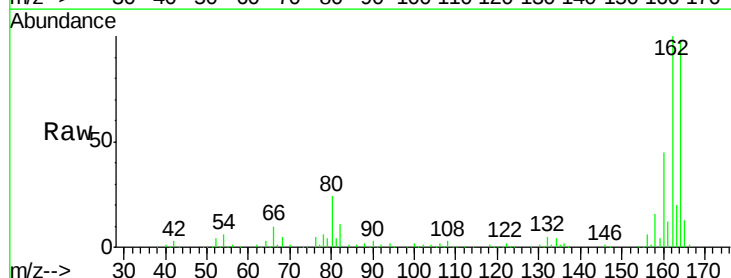
Tgt Ion: 164 Resp: 243051

Ion Ratio Lower Upper

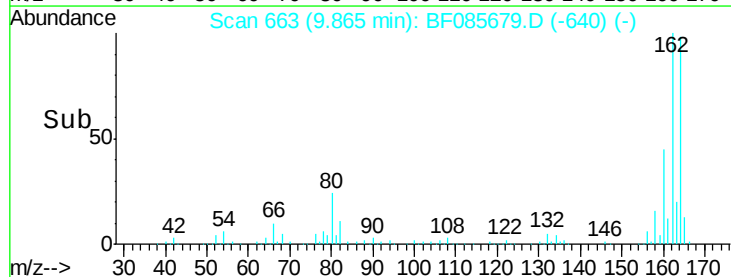
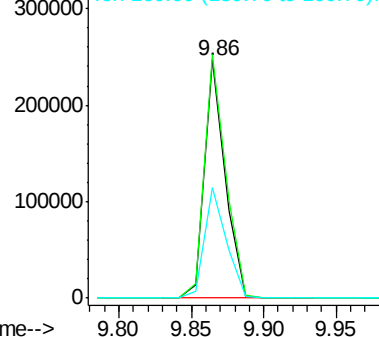
164 100

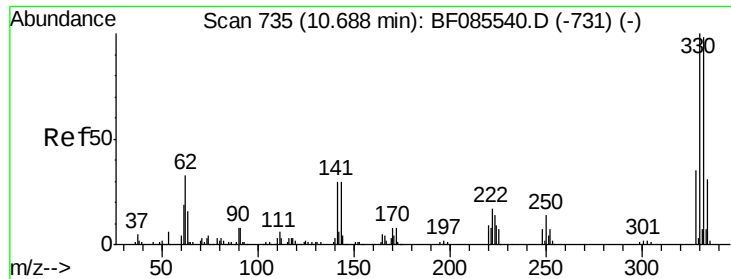
162 102.3 82.1 123.1

160 46.4 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

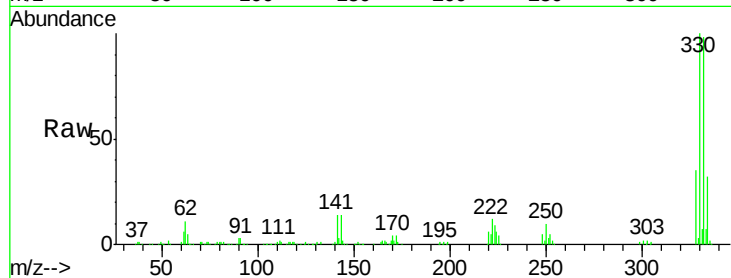




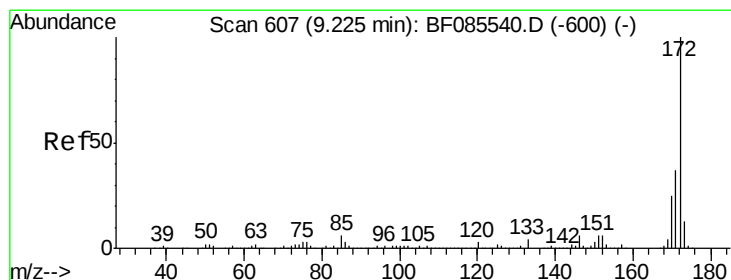
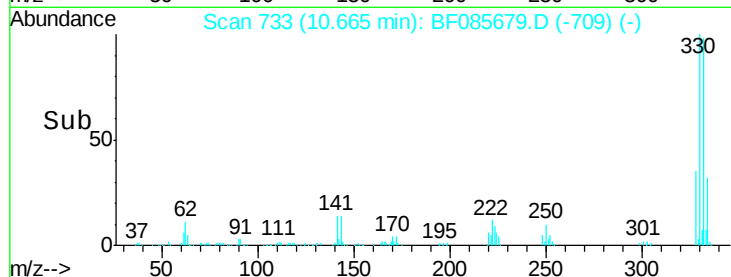
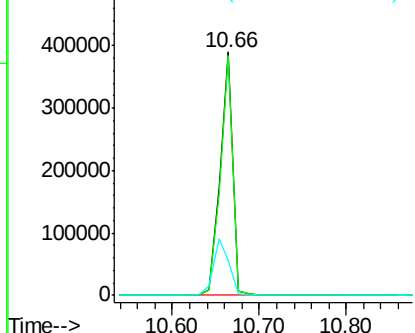
#41
 2,4,6-Tribromophenol
 Concen: 169.23 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085679.D
 Acq: 23 Mar 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tgt Ion:330 Resp: 402905
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 28.5 31.5 47.3#

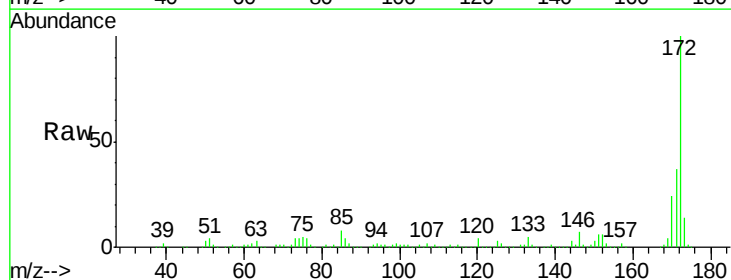


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

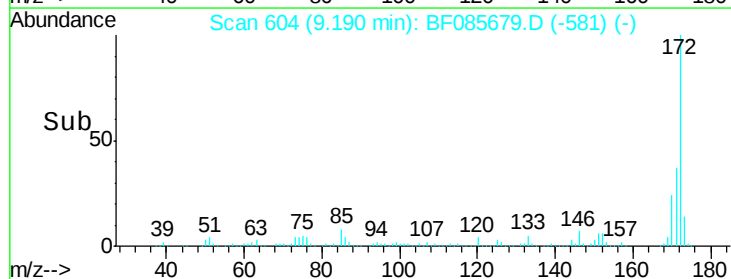
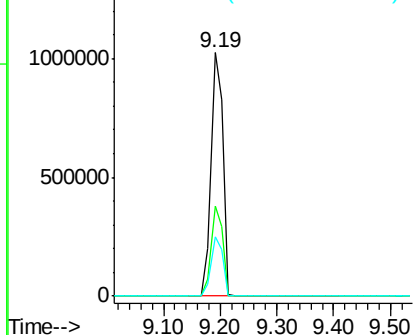


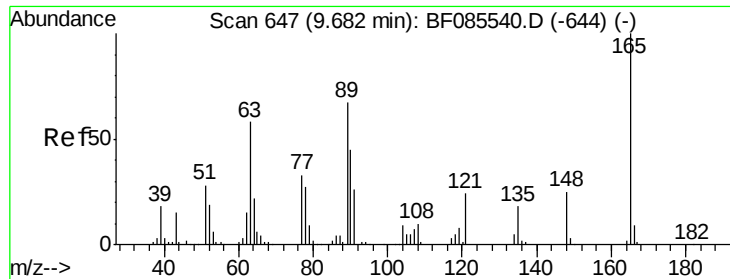
#44
 2-Fluorobiphenyl
 Concen: 107.00 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085679.D
 Acq: 23 Mar 2016 00:52

Tgt Ion:172 Resp: 1426638
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.4 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

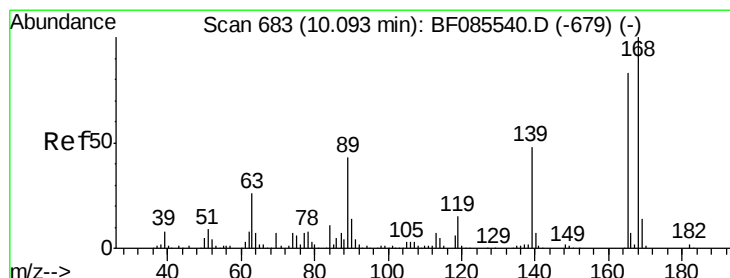
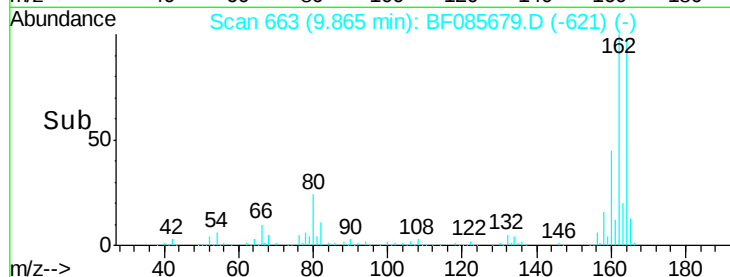
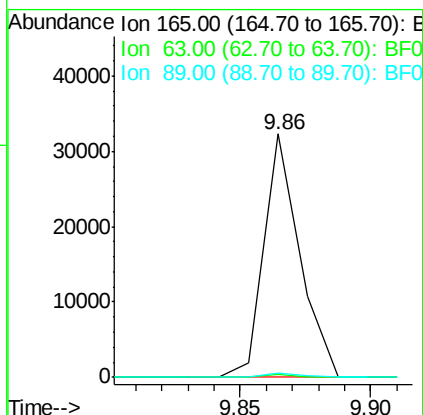
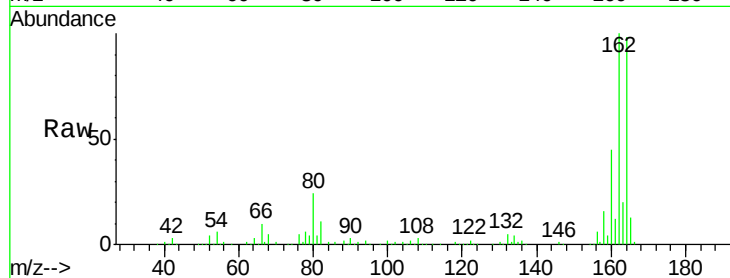




#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.18 min
 Lab File: BF085679.D
 Acq: 23 Mar 2016 00:52

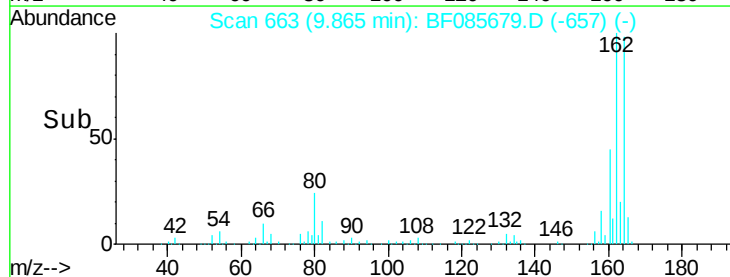
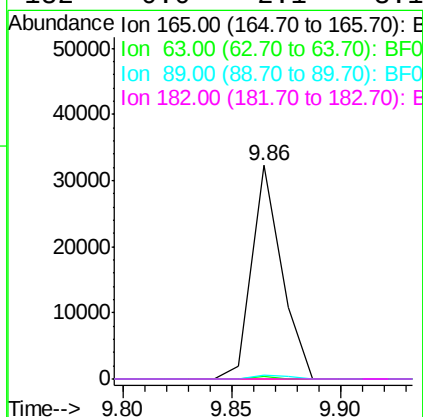
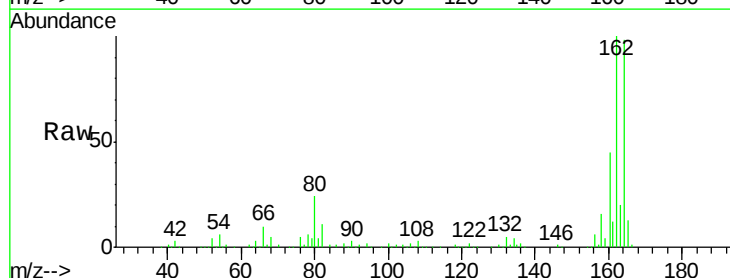
Instrument :
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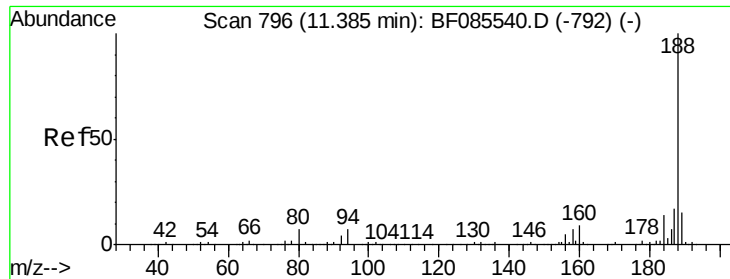
Tgt Ion:165 Resp: 30851
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.8 53.7 80.5#



#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF085679.D
 Acq: 23 Mar 2016 00:52

Tgt Ion:165 Resp: 30853
 Ion Ratio Lower Upper
 165 100
 63 1.4 24.9 37.3#
 89 1.8 41.0 61.6#
 182 0.0 2.1 3.1#

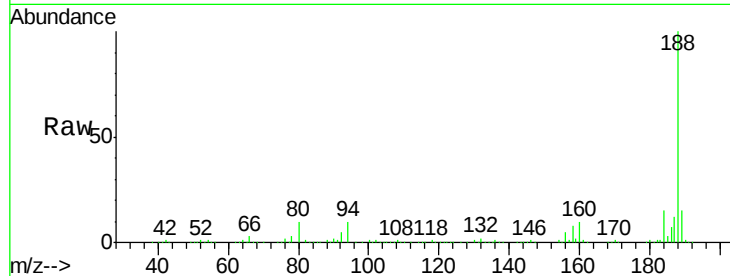




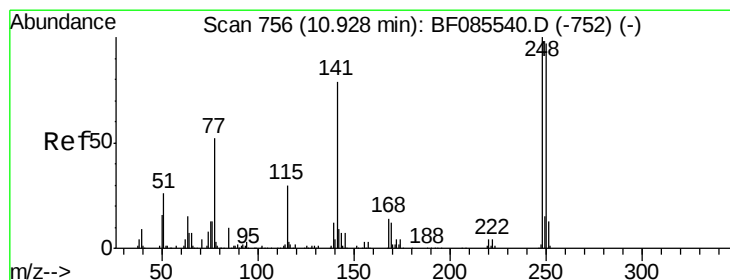
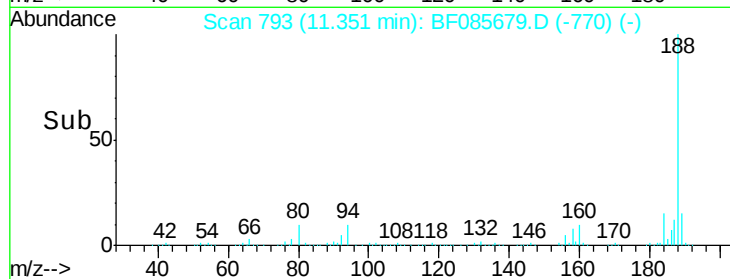
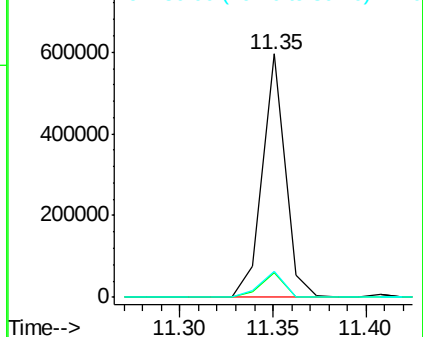
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085679.D
 Acq: 23 Mar 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tgt Ion:188 Resp: 502892
 Ion Ratio Lower Upper
 188 100
 94 10.2 5.4 8.0#
 80 10.5 5.5 8.3#

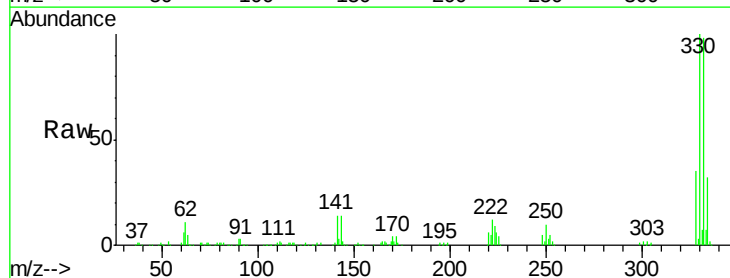


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

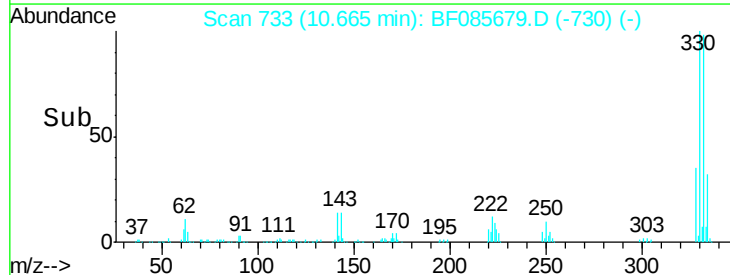
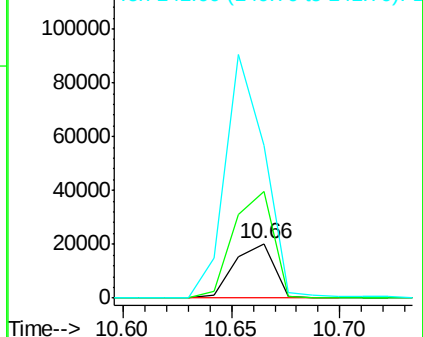


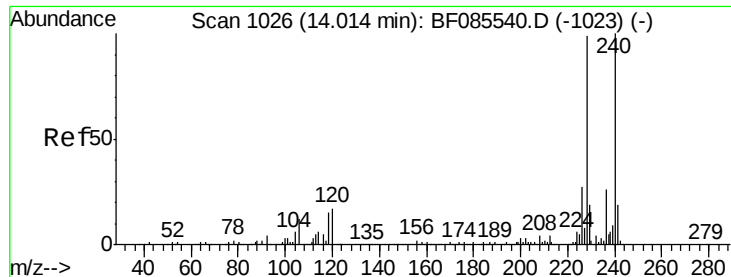
#66
 4-Bromophenyl-phenylether
 Concen: 5.07 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085679.D
 Acq: 23 Mar 2016 00:52

Tgt Ion:248 Resp: 25481
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.4 116.0#
 141 280.8 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: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

Instrument :

BNA_F

ClientSampled :

LIP-16

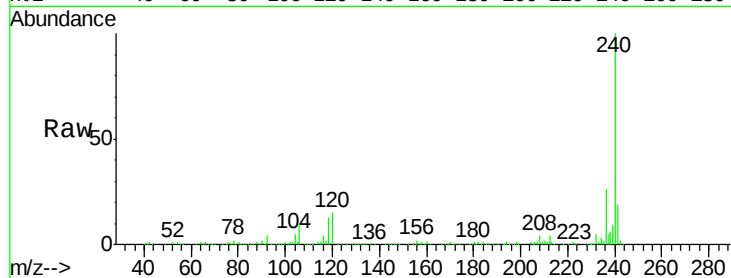
Tgt Ion:240 Resp: 384213

Ion Ratio Lower Upper

240 100

120 15.0 13.8 20.8

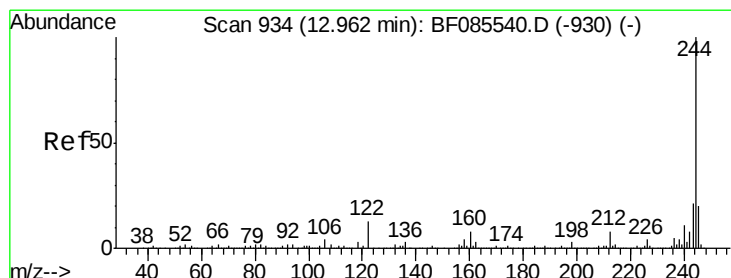
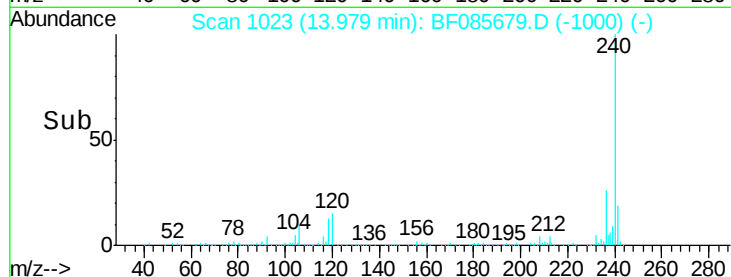
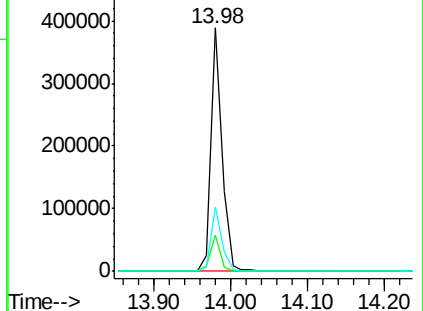
236 26.4 20.6 30.8



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: 90.32 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085679.D

Acq: 23 Mar 2016 00:52

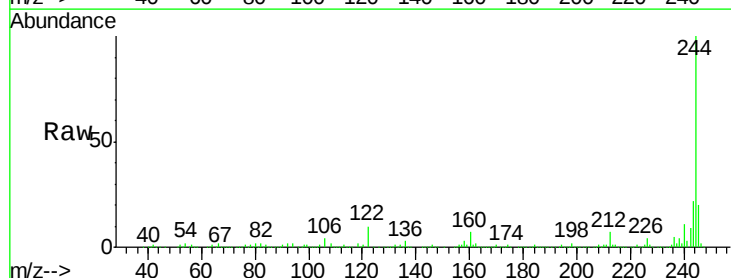
Tgt Ion:244 Resp: 1442076

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

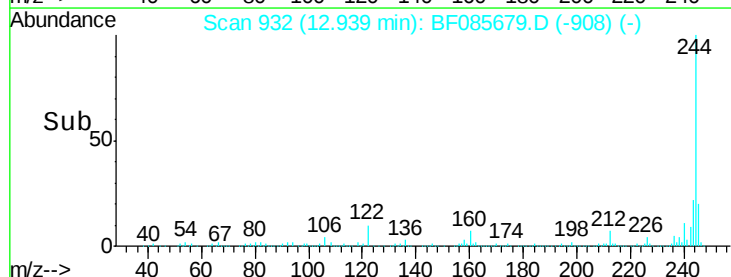
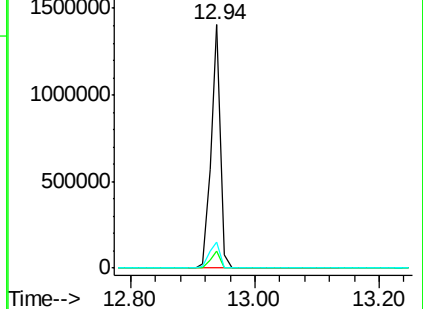
122 10.5 10.2 15.4

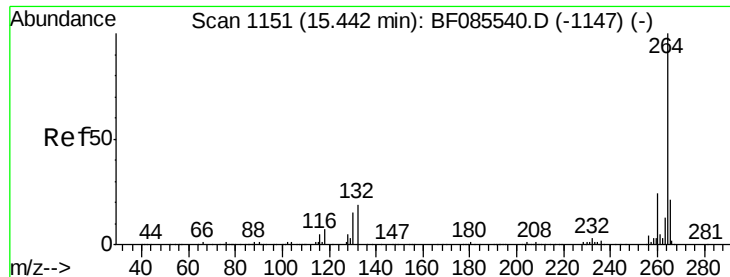


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

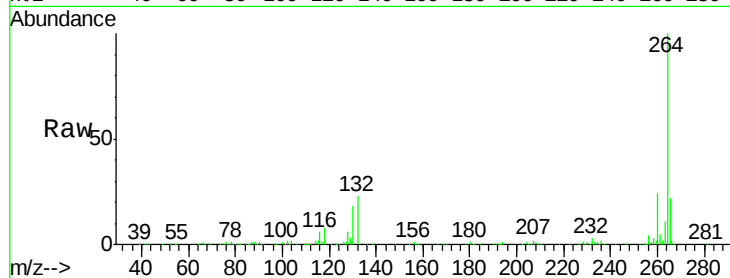




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085679.D
Acq: 23 Mar 2016 00:52

Instrument :
BNA_F
ClientSampleId :
LIP-16

Tgt Ion: 264 Resp: 263815
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

