

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085631.D
 Acq On : 21 Mar 2016 19:30
 Operator : UM/SJ
 Sample : H1841-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

Quant Time: Mar 22 00:09:55 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

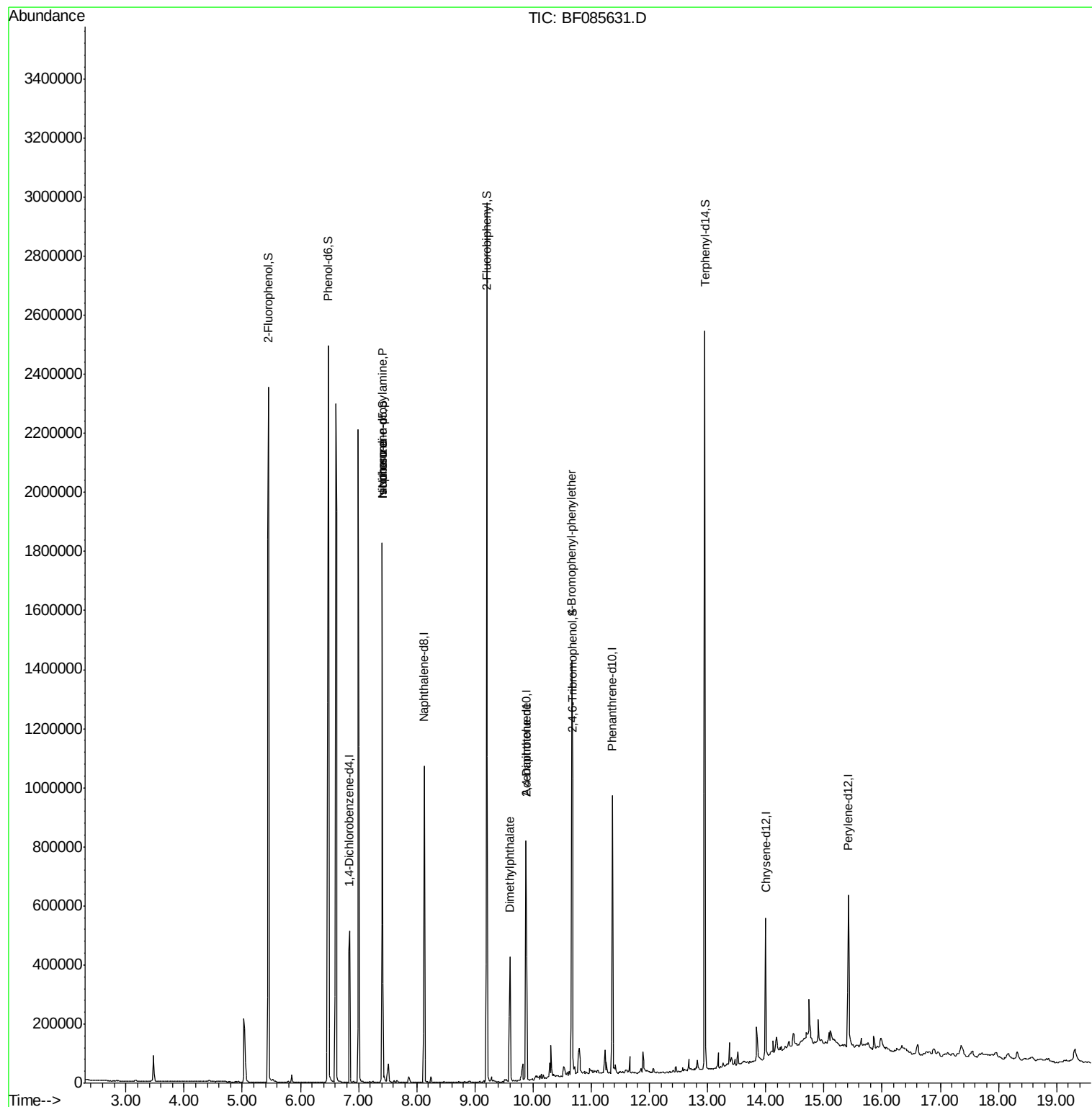
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114801	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	463968	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	182218	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	318354	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	227788	20.00	ng	-0.01
86) Perylene-d12	15.42	264	227647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	982101	143.69	ng	0.00
7) Phenol-d6	6.48	99	1076191	122.77	ng	-0.01
23) Nitrobenzene-d5	7.41	82	671642	84.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	263167	147.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1082139	108.90	ng	-0.02
78) Terphenyl-d14	12.95	244	816492	86.25	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1330	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	89693	17.13	ng	# 77
25) Isophorone	7.41	82	532954	33.30	ng	# 68
49) Dimethylphthalate	9.60	163	210151	15.28	ng	98
56) 2,4-Dinitrotoluene	9.88	165	22844	6.01	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	15793	4.97	ng	# 1

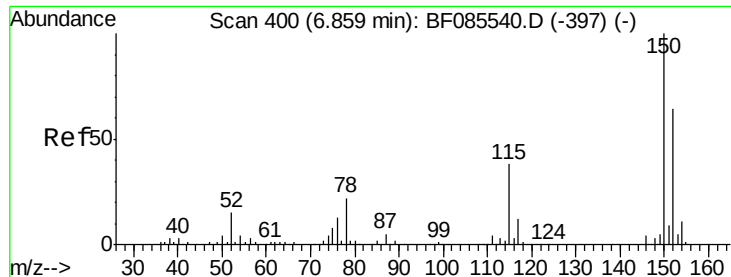
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

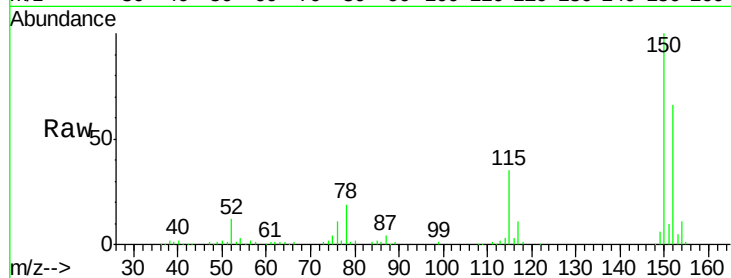
Tgt Ion:152 Resp: 114801

Ion Ratio Lower Upper

152 100

150 151.0 124.2 186.2

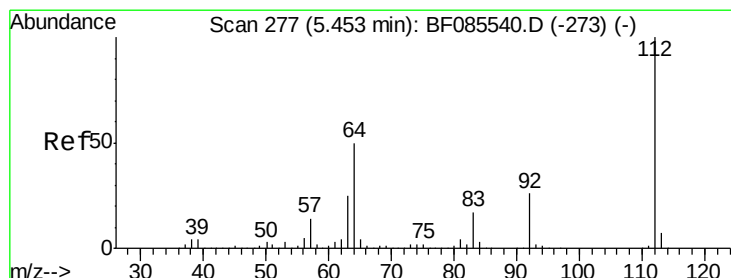
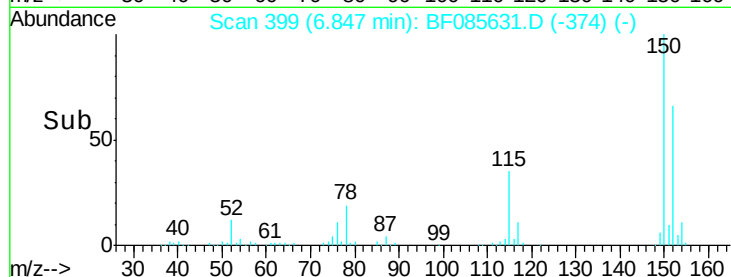
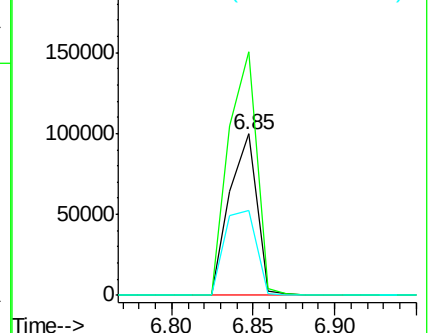
115 52.3 47.0 70.6



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: 143.69 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

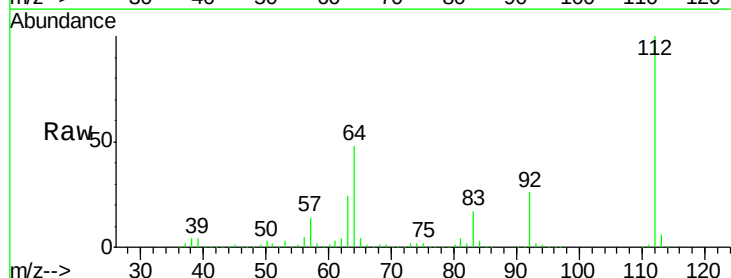
Tgt Ion:112 Resp: 982101

Ion Ratio Lower Upper

112 100

64 47.7 39.9 59.9

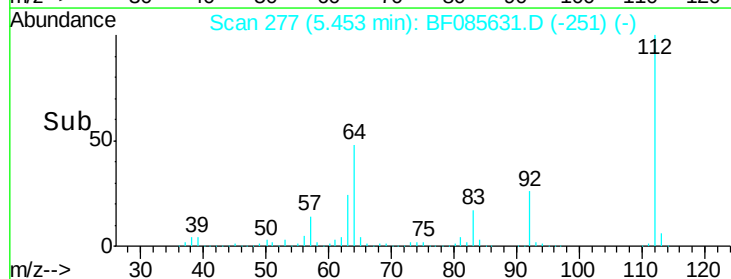
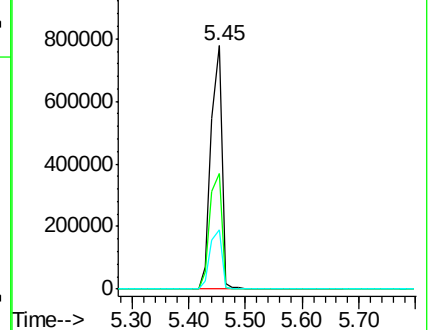
63 24.2 20.2 30.2

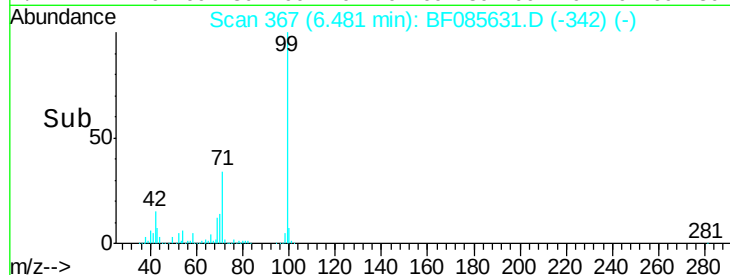
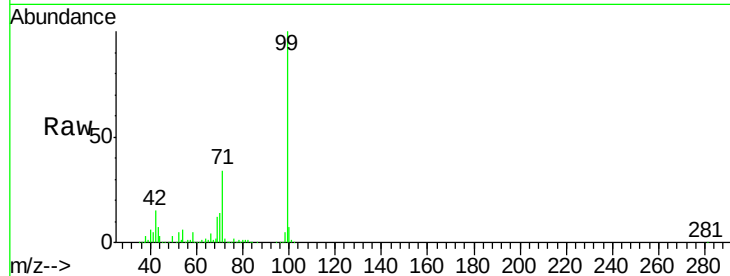
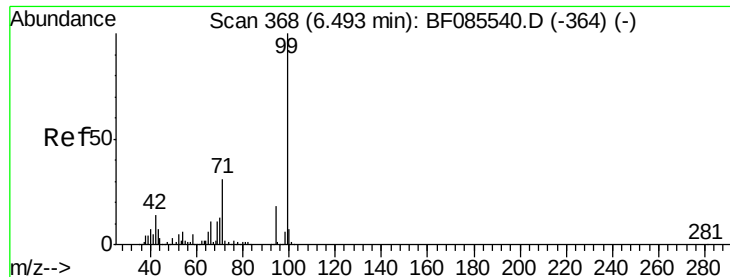


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.77 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

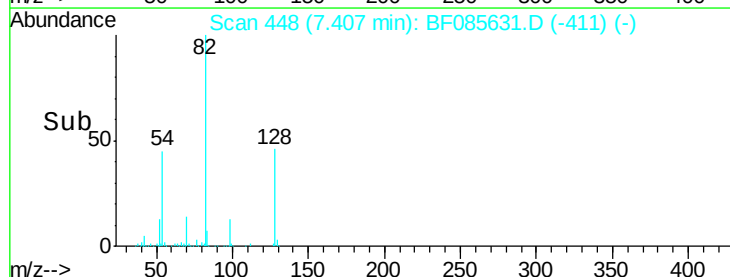
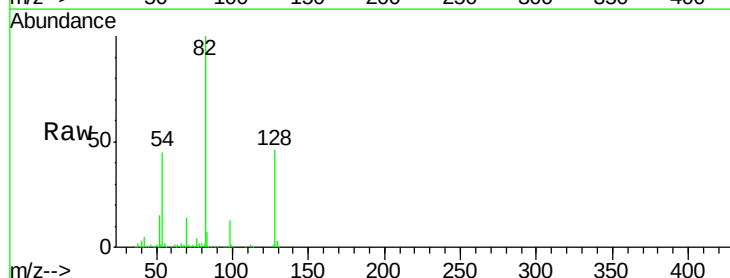
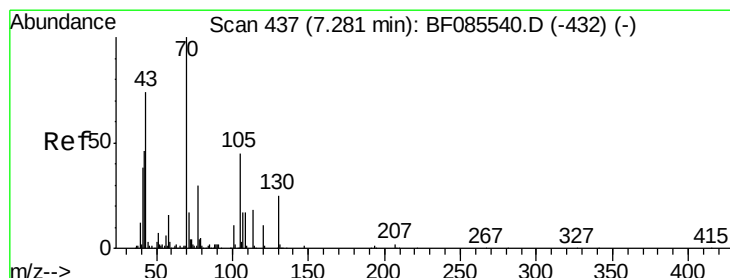
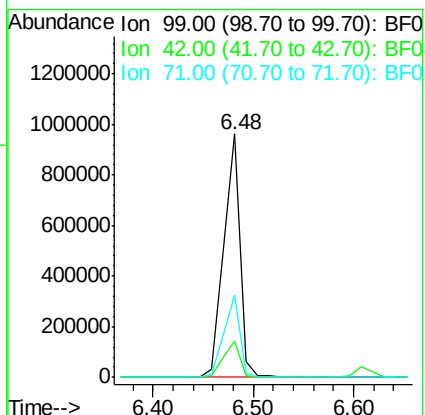
Tgt Ion: 99 Resp: 1076191

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 34.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.13 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Tgt Ion: 70 Resp: 89693

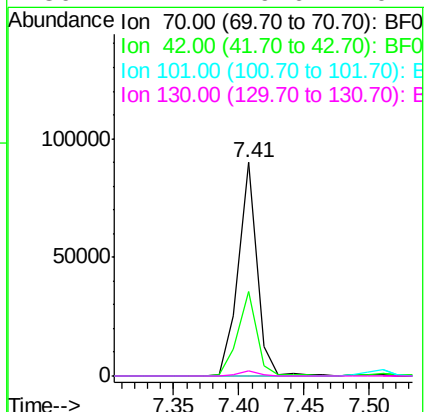
Ion Ratio Lower Upper

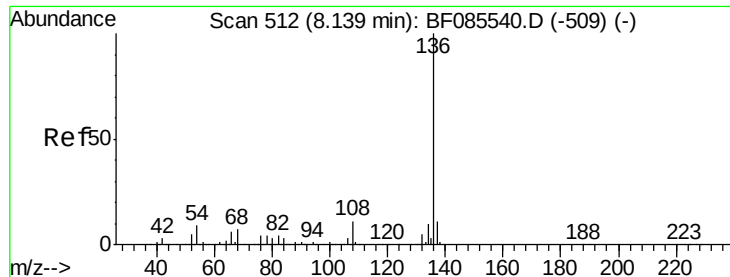
70 100

42 39.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

Tgt Ion:136 Resp: 463968

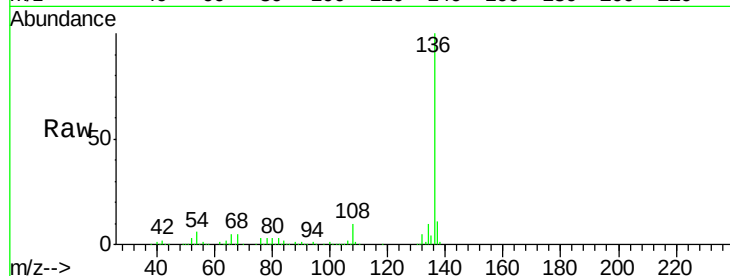
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 7.4 11.0#

68 5.5 5.8 8.8#

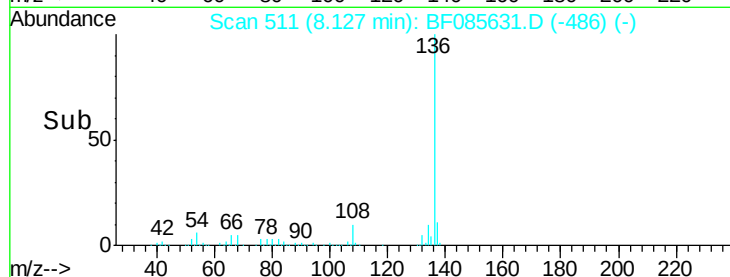


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

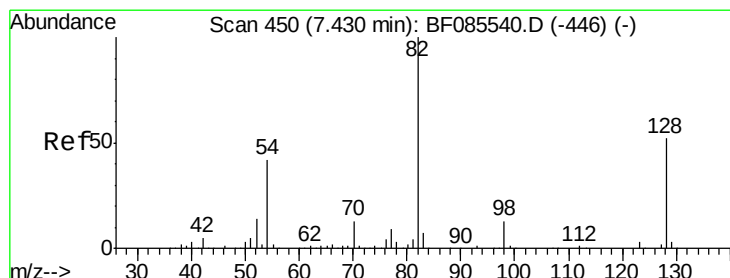
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.13



#23

Nitrobenzene-d5

Concen: 84.03 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

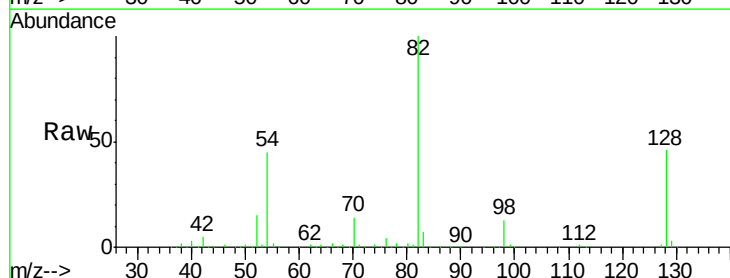
Tgt Ion: 82 Resp: 671642

Ion Ratio Lower Upper

82 100

128 45.7 41.8 62.8

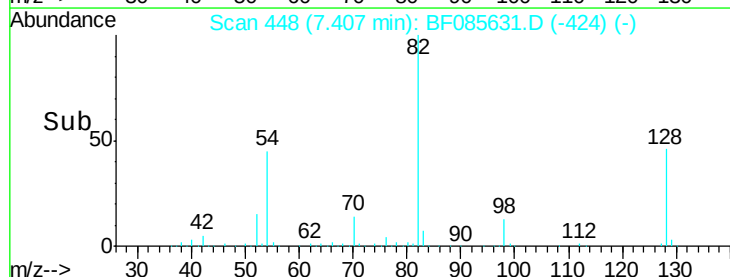
54 45.5 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

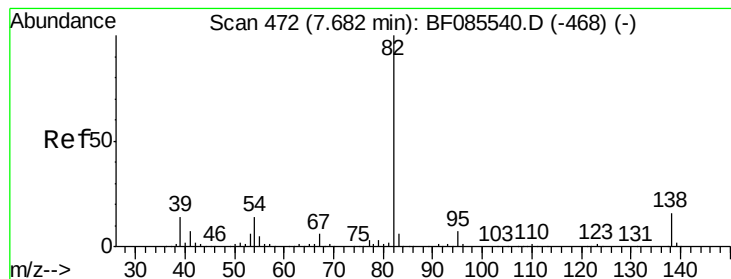
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.41



#25

Isophorone

Concen: 33.30 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.27 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

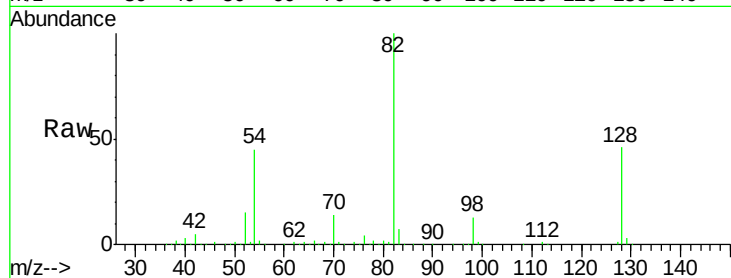
Tgt Ion: 82 Resp: 532954

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

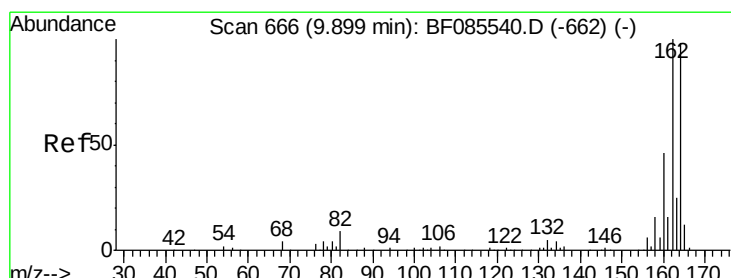
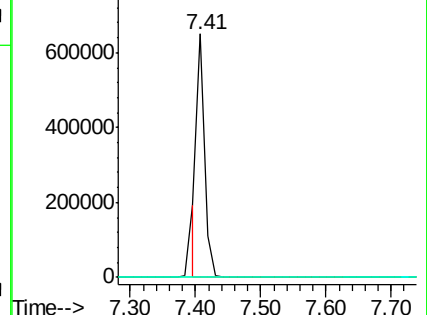
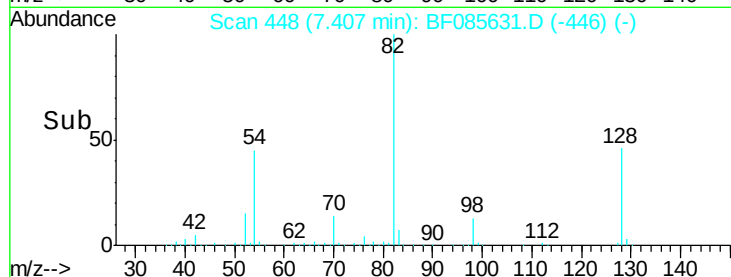
138 0.0 12.9 19.3#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

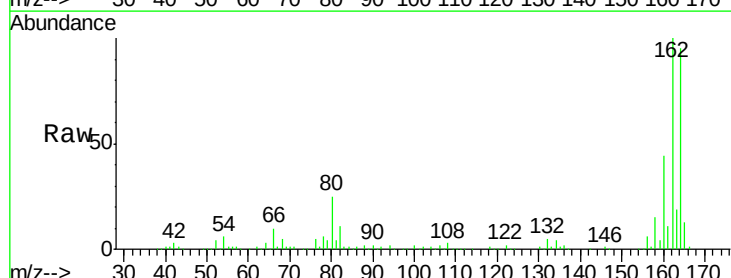
Tgt Ion: 164 Resp: 182218

Ion Ratio Lower Upper

164 100

162 104.9 82.1 123.1

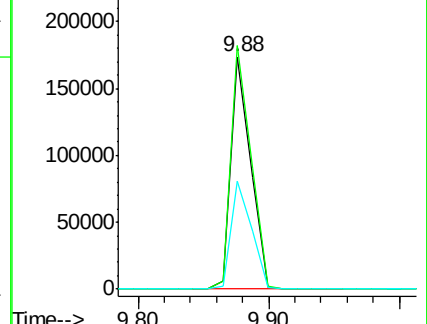
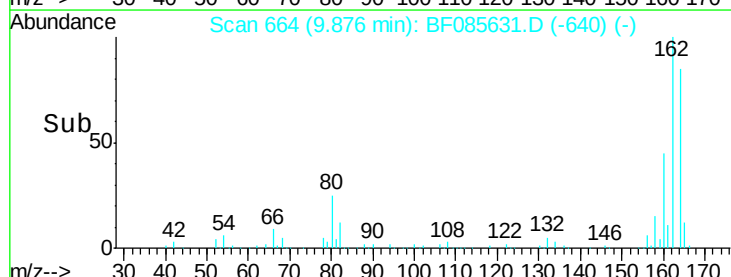
160 46.5 37.4 56.2

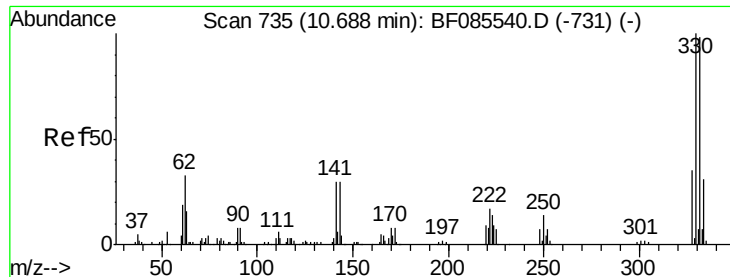


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

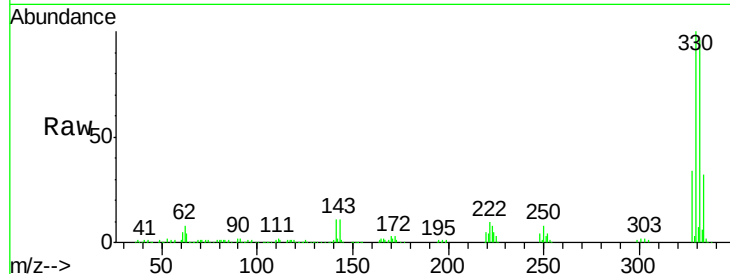




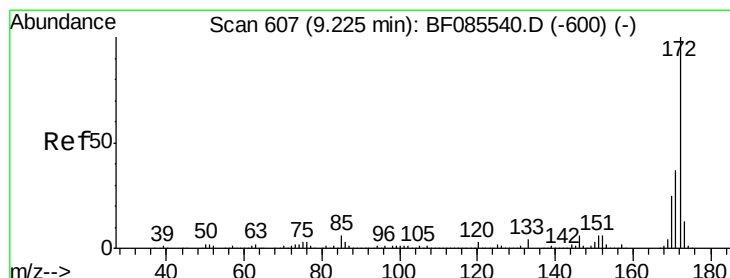
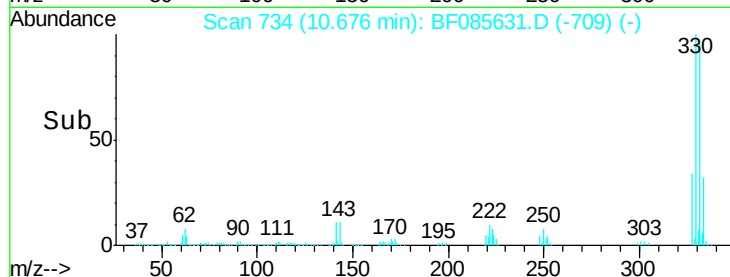
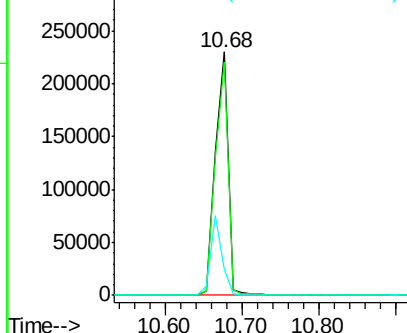
#41
 2,4,6-Tribromophenol
 Concen: 147.44 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085631.D
 Acq: 21 Mar 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

Tgt Ion:330 Resp: 263167
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.2 117.2
 141 29.9 31.5 47.3#

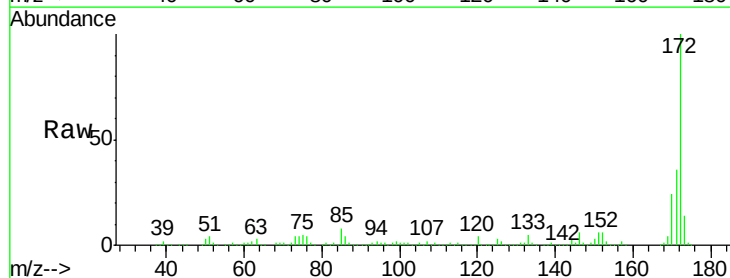


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

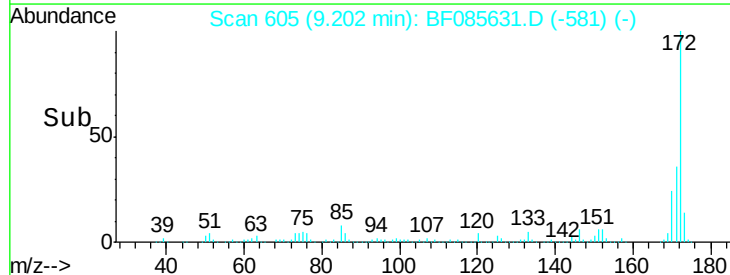
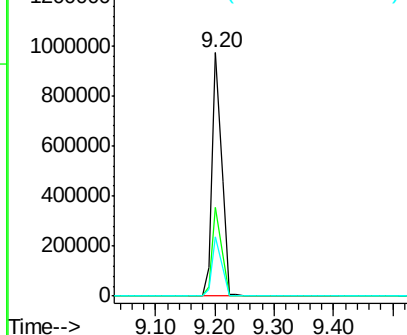


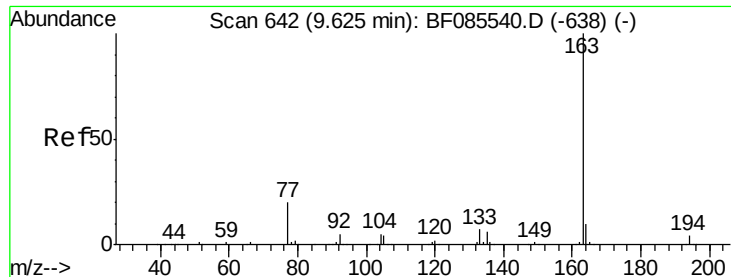
#44
 2-Fluorobiphenyl
 Concen: 108.90 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085631.D
 Acq: 21 Mar 2016 19:30

Tgt Ion:172 Resp: 1082139
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.5 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: 15.28 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

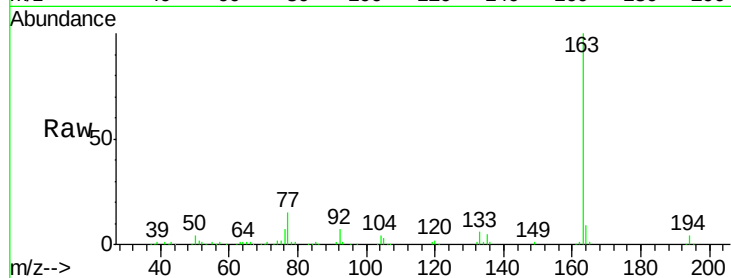
Tgt Ion:163 Resp: 210151

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

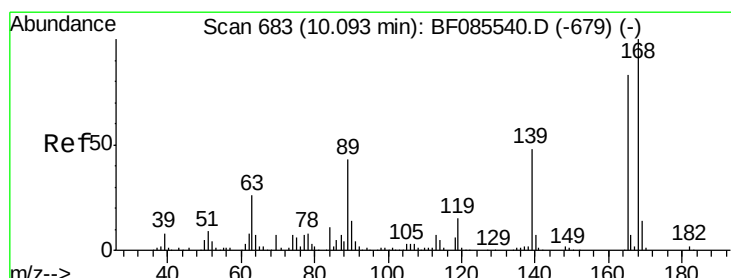
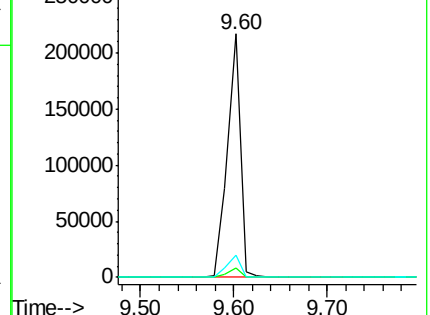
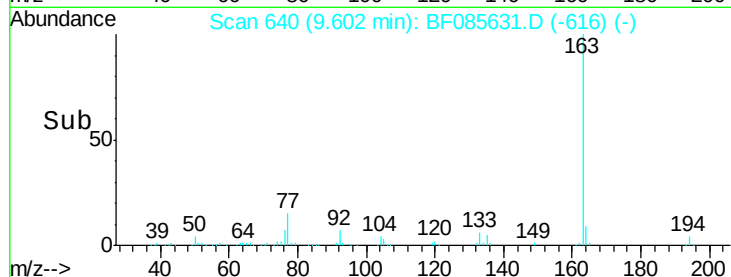
164 9.2 8.3 12.5



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: 6.01 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.22 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Tgt Ion:165 Resp: 22844

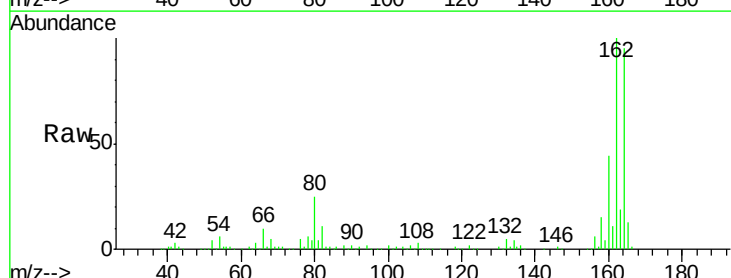
Ion Ratio Lower Upper

165 100

63 1.7 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

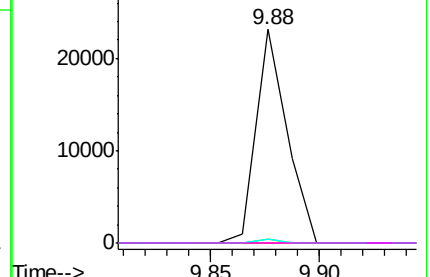
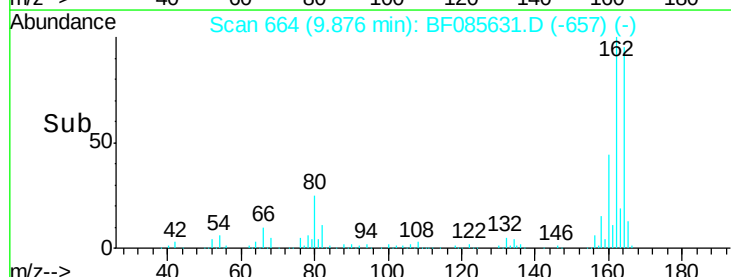


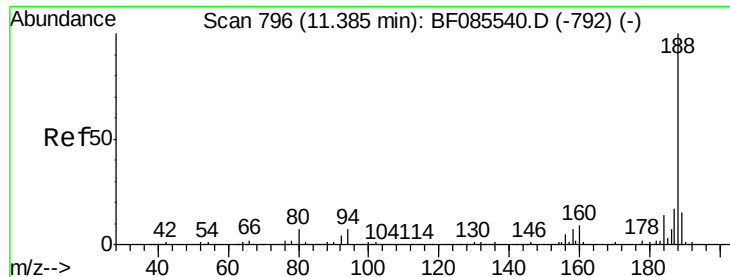
Abundance Ion 165.00 (164.70 to 165.70): E

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

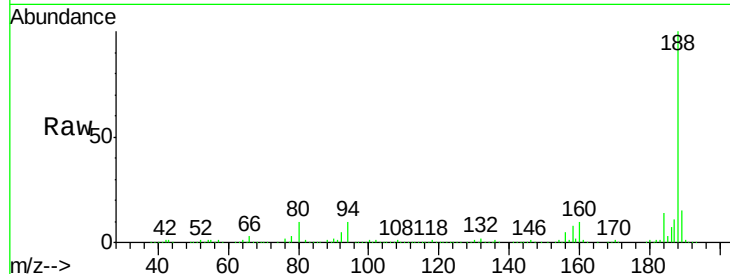




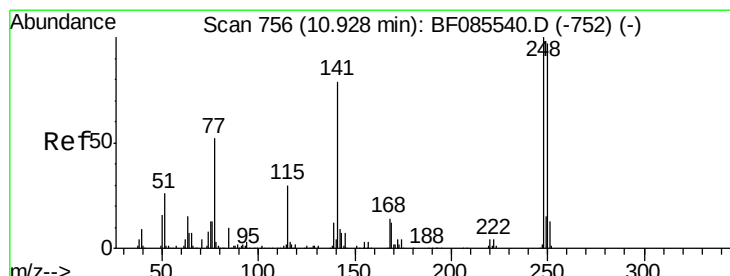
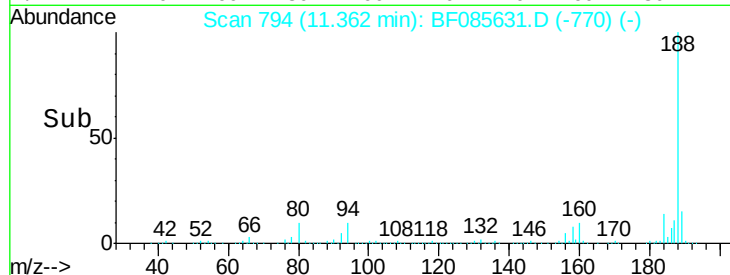
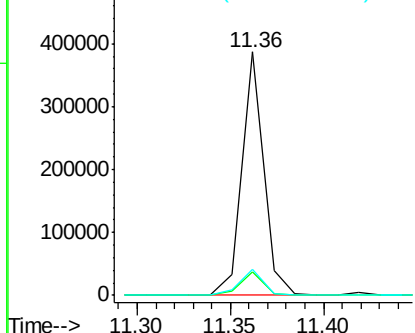
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085631.D
Acq: 21 Mar 2016 19:30

Instrument :
BNA_F
ClientSampleId :
NORTH-WALL(3-5)

Tgt Ion:188 Resp: 318354
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 10.5 5.5 8.3#

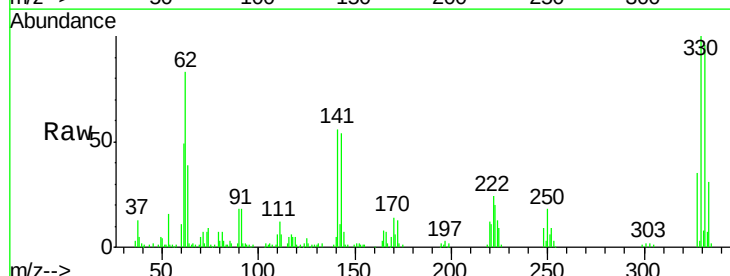


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

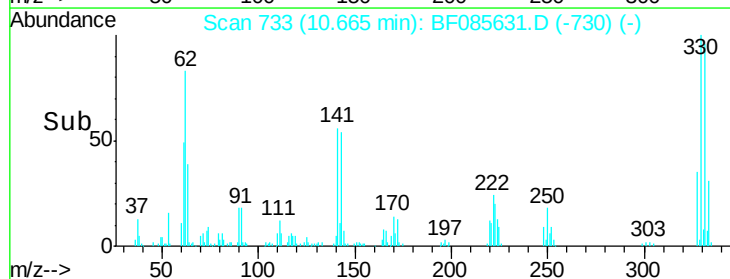
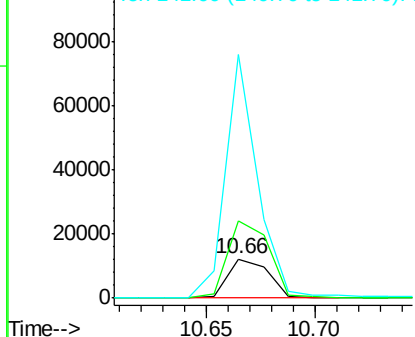


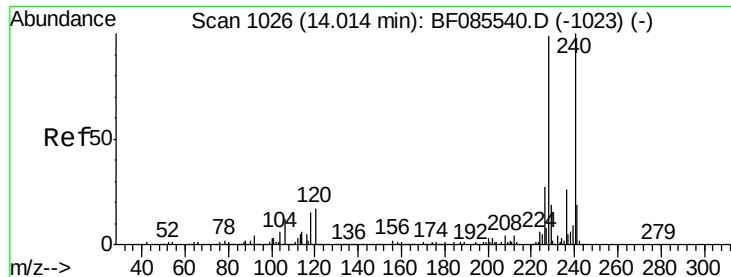
#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085631.D
Acq: 21 Mar 2016 19:30

Tgt Ion:248 Resp: 15793
Ion Ratio Lower Upper
248 100
250 197.4 77.4 116.0#
141 618.1 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: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

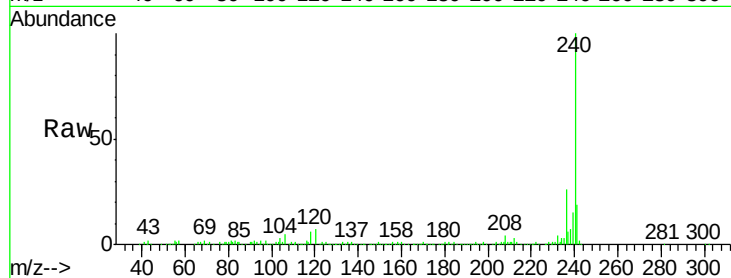
Tgt Ion:240 Resp: 227788

Ion Ratio Lower Upper

240 100

120 7.4 13.8 20.8#

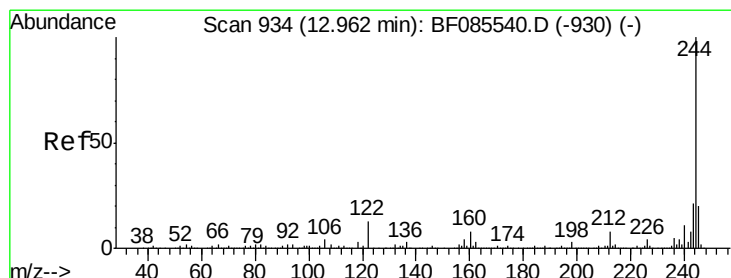
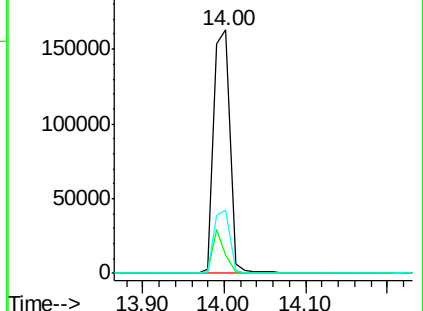
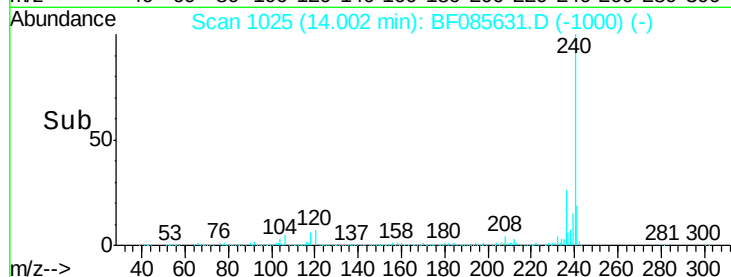
236 25.7 20.6 30.8



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: 86.25 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

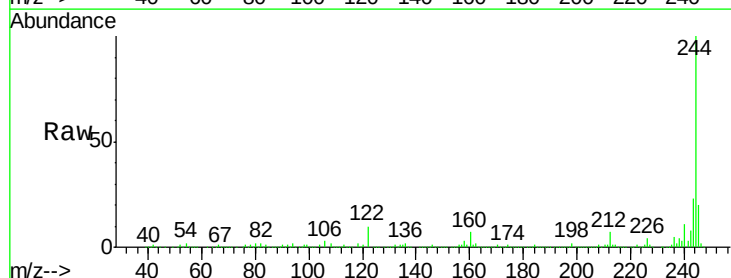
Tgt Ion:244 Resp: 816492

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

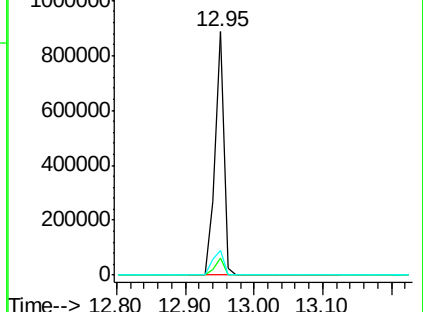
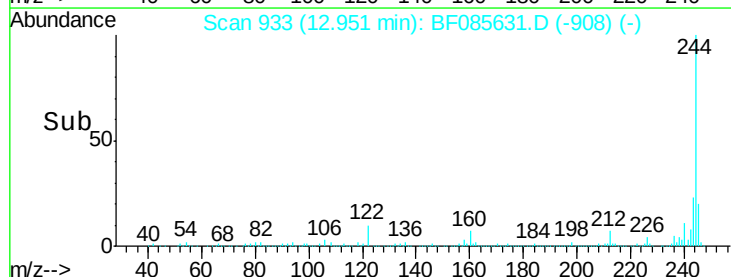
122 10.0 10.2 15.4#

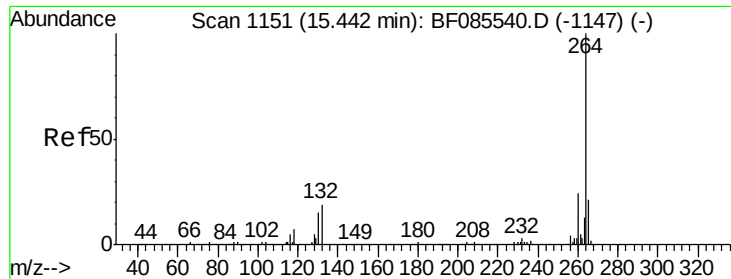


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085631.D
Acq: 21 Mar 2016 19:30

Instrument :
BNA_F
ClientSampleId :
NORTH-WALL(3-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.0	17.2	25.8

