

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084695.D
 Acq On : 30 Jan 2016 20:48
 Operator : SJ/IZ
 Sample : H1303-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-UST-19

Quant Time: Feb 01 00:31:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

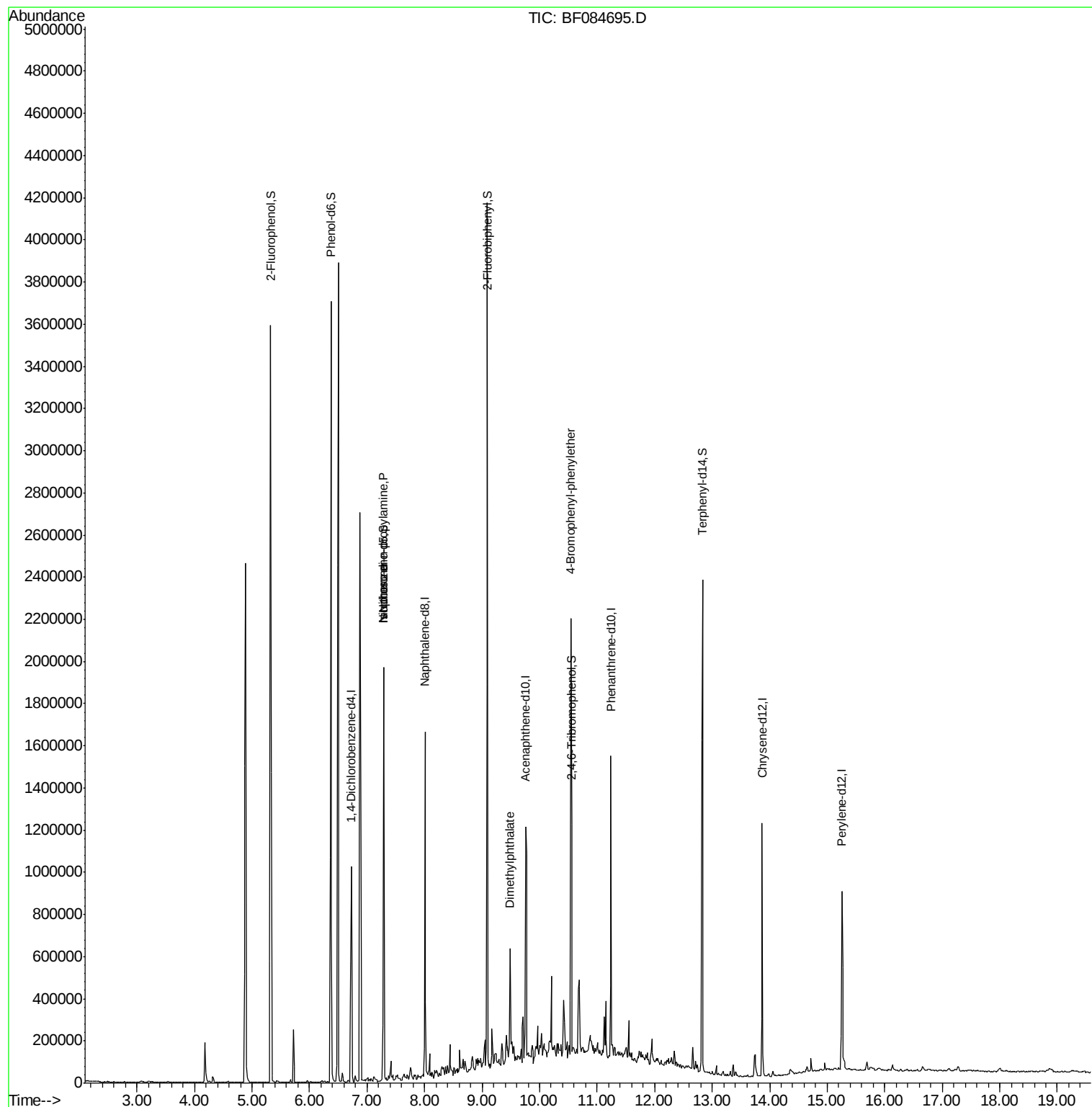
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	180776	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	696591	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	299623	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	509670	20.00	ng	0.00
75) Chrysene-d12	13.87	240	396491	20.00	ng	0.00
86) Perylene-d12	15.25	264	393688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1114110	93.03	ng	0.01
7) Phenol-d6	6.37	99	1288436	89.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	898971	72.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	300954	95.84	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1388639	68.89	ng	0.00
78) Terphenyl-d14	12.83	244	928549	52.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	124886	14.24	ng	# 70
25) Isophorone	7.29	82	837100	35.85	ng	# 66
49) Dimethylphthalate	9.48	163	243593	10.83	ng	# 90
66) 4-Bromophenyl-phenylether	10.54	248	17306	3.01	ng	# 1

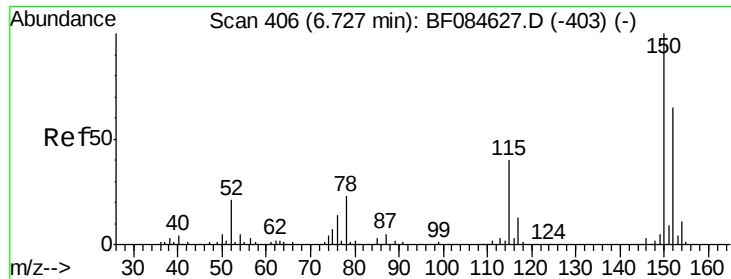
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-UST-19

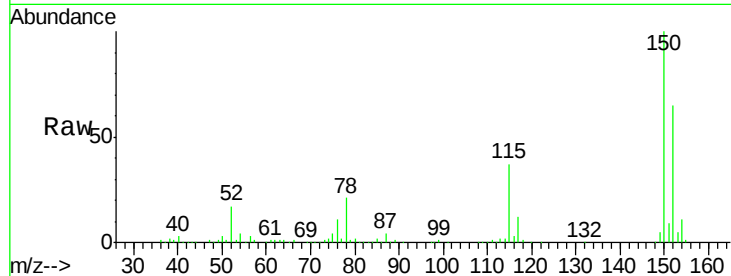
Tgt Ion:152 Resp: 180776

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

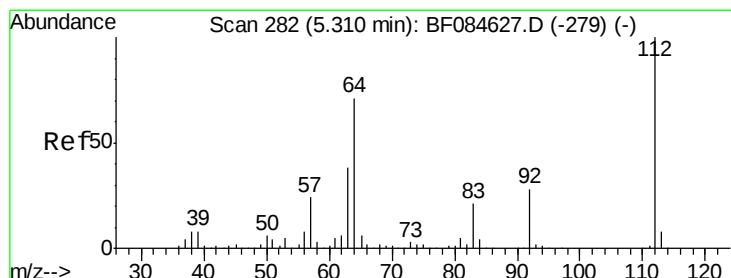
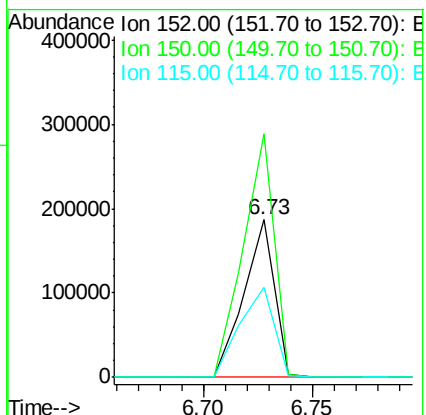
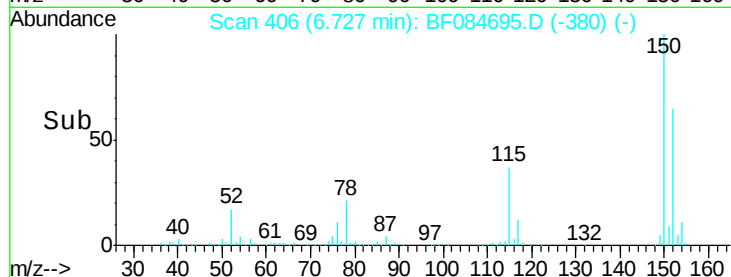
115 57.6 51.4 77.2



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: 93.03 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

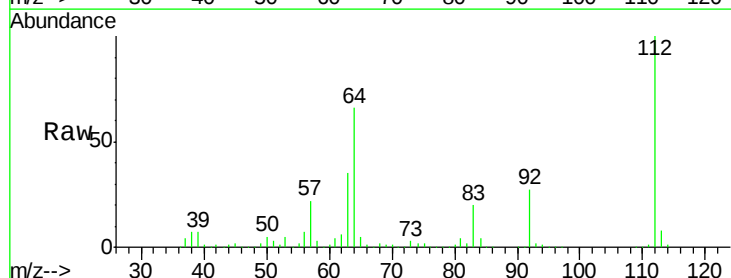
Tgt Ion:112 Resp: 1114110

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

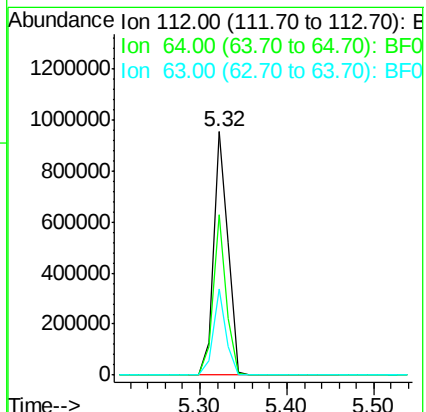
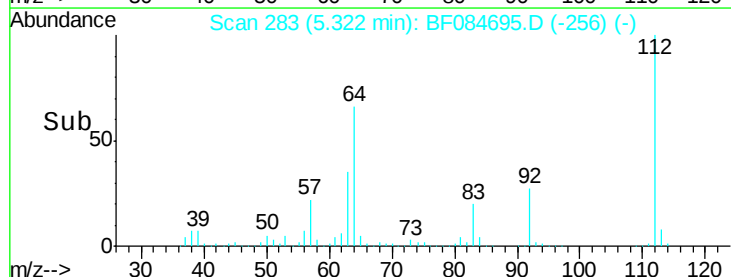
63 35.3 19.4 29.0#

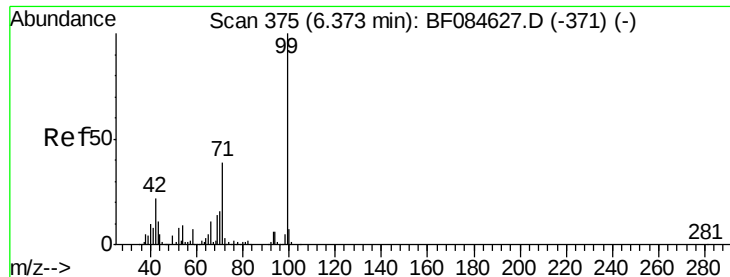


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.76 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-UST-19

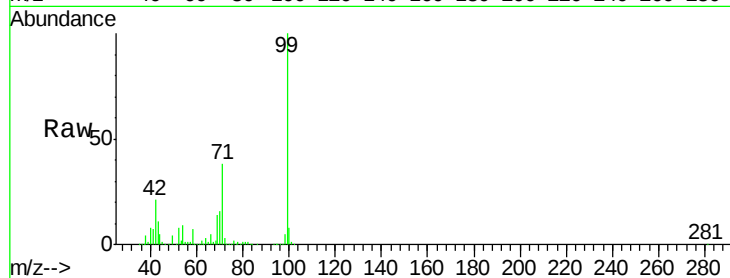
Tgt Ion: 99 Resp: 1288436

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

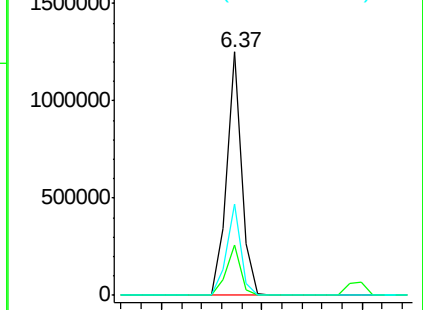
71 37.7 30.9 46.3



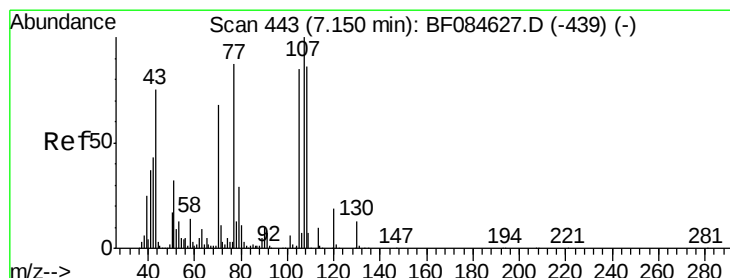
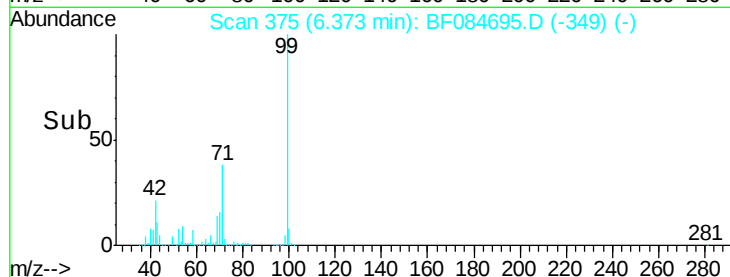
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.24 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Tgt Ion: 70 Resp: 124886

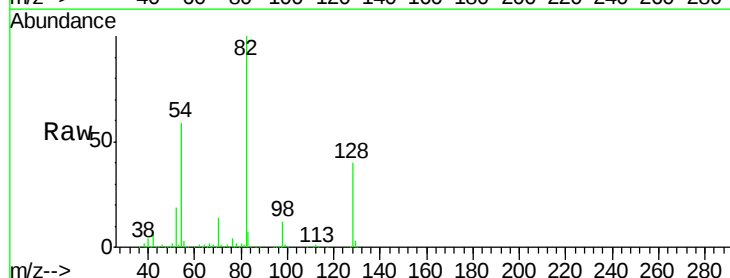
Ion Ratio Lower Upper

70 100

42 50.9 33.3 49.9#

101 0.0 9.3 13.9#

130 1.6 23.4 35.0#

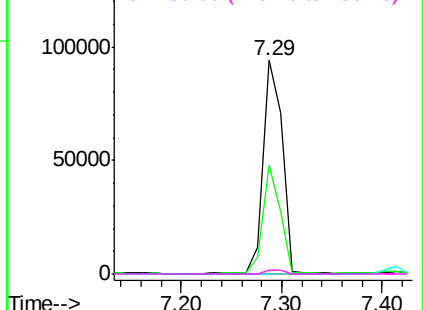


Abundance Ion 70.00 (69.70 to 70.70): BF0

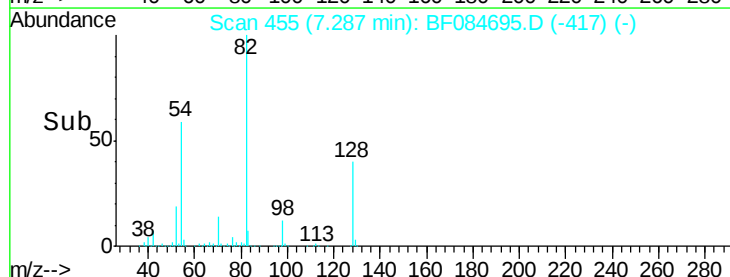
Ion 42.00 (41.70 to 42.70): BF0

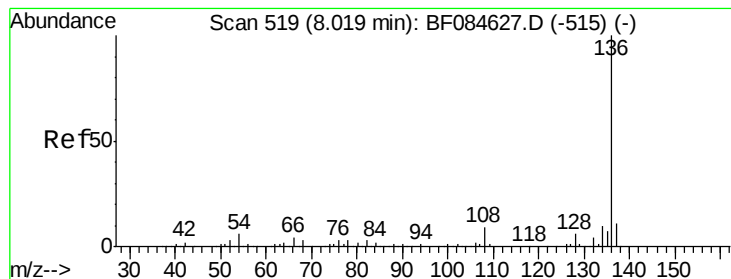
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-UST-19

Tgt Ion:136 Resp: 696591

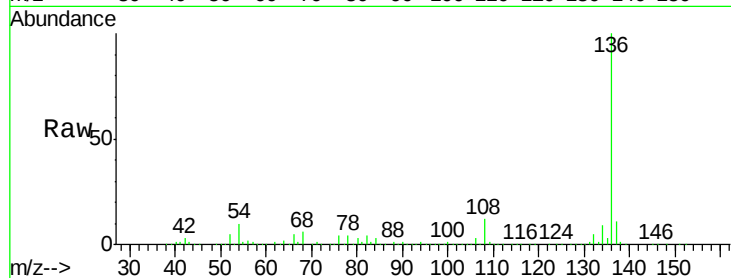
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 5.8 8.8#

68 5.6 4.2 6.2

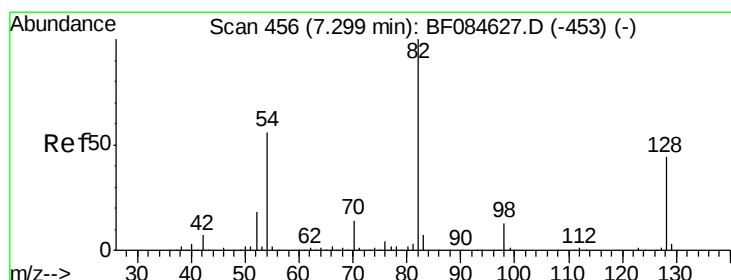
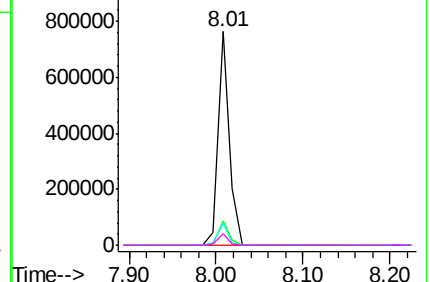
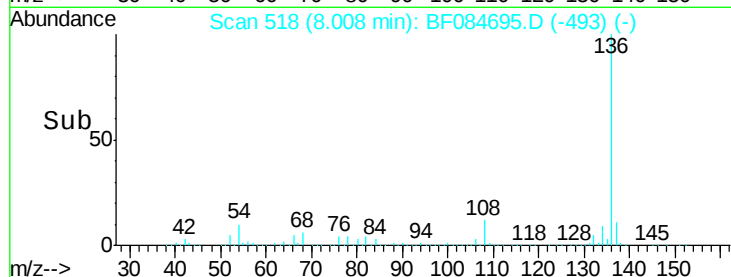


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.12 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

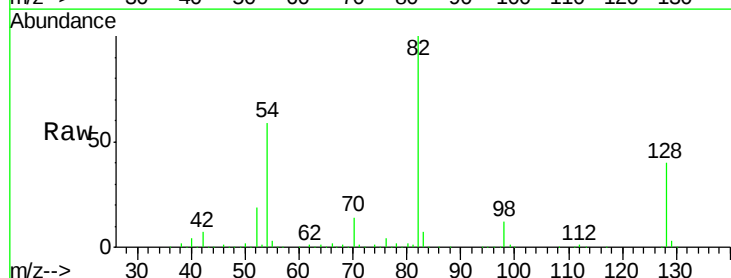
Tgt Ion: 82 Resp: 898971

Ion Ratio Lower Upper

82 100

128 40.5 34.6 51.8

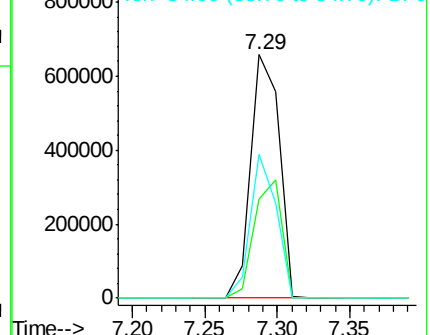
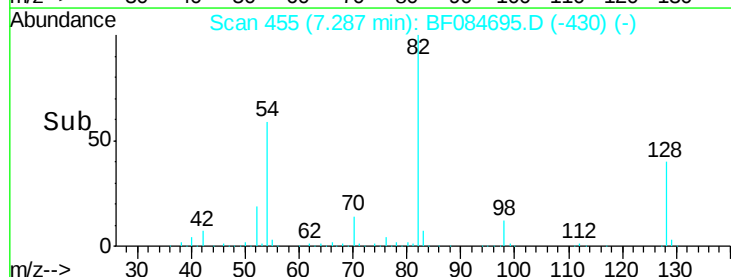
54 59.3 38.4 57.6#

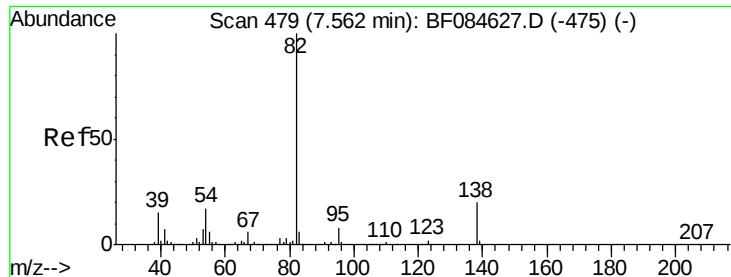


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.85 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-UST-19

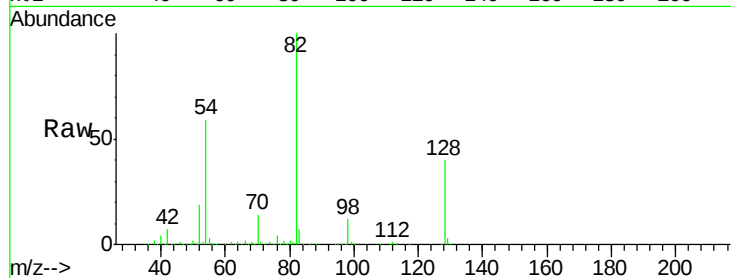
Tgt Ion: 82 Resp: 837100

Ion Ratio Lower Upper

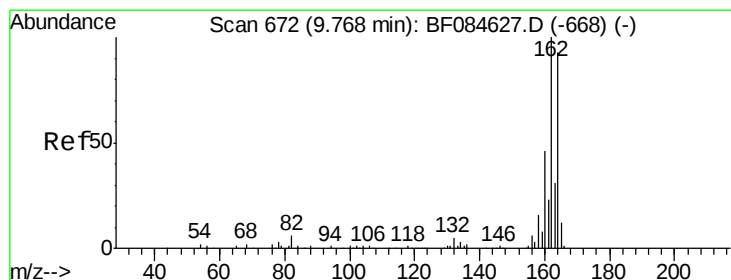
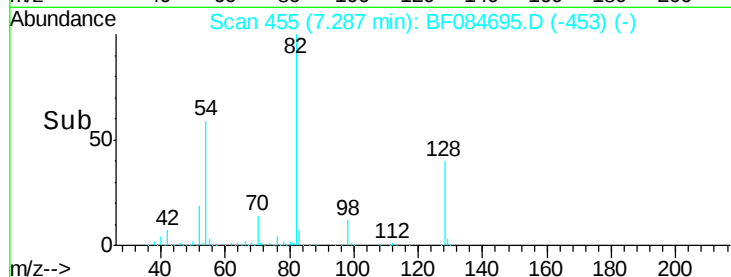
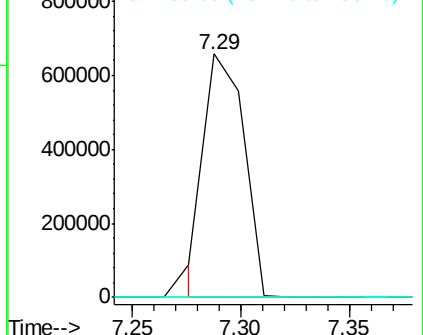
82 100

95 0.1 6.6 10.0#

138 0.0 13.6 20.4#



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: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

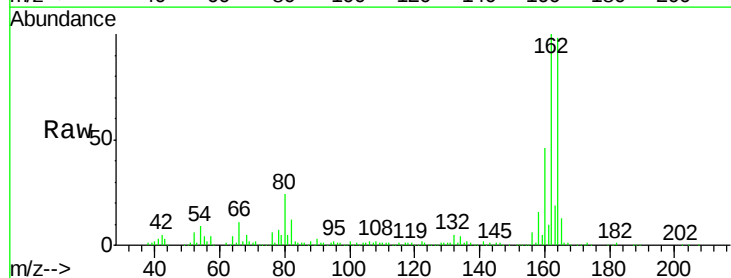
Tgt Ion: 164 Resp: 299623

Ion Ratio Lower Upper

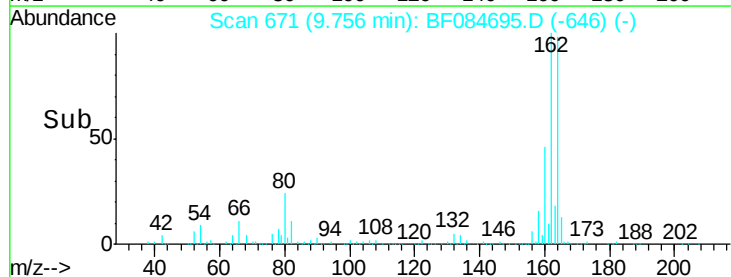
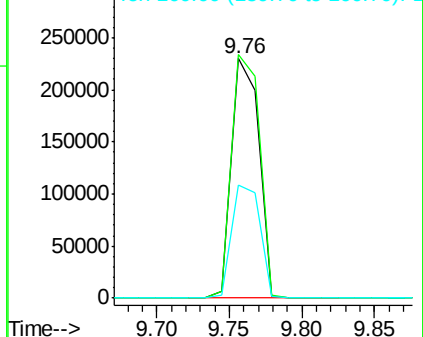
164 100

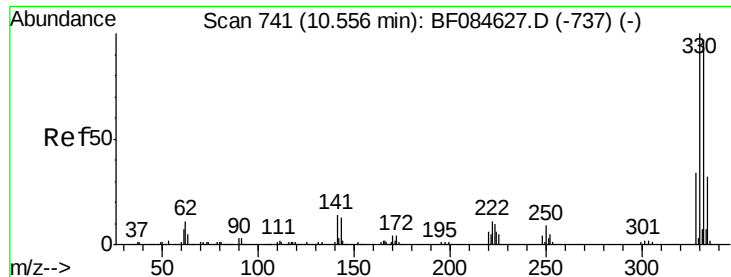
162 101.8 85.1 127.7

160 47.3 37.5 56.3



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

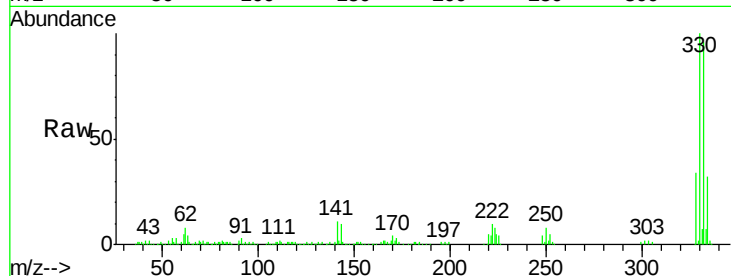




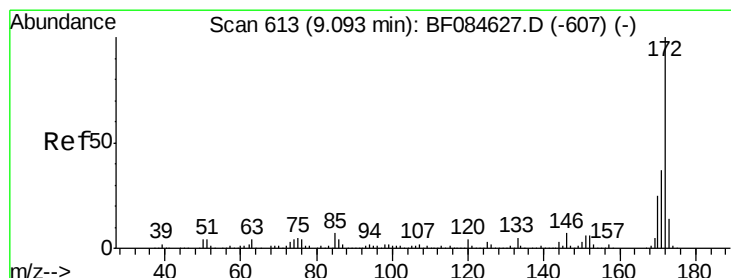
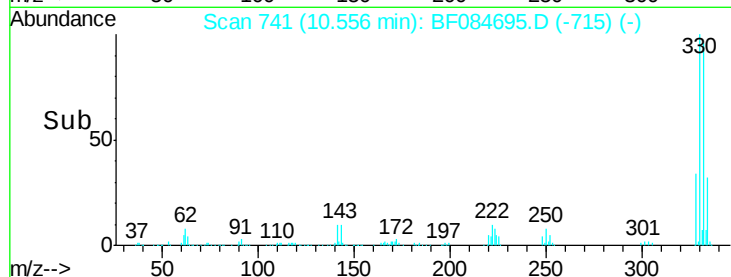
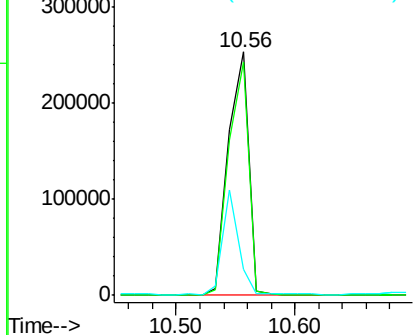
#41
 2,4,6-Tribromophenol
 Concen: 95.84 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-UST-19

Tgt Ion:330 Resp: 300954
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 34.0 27.8 41.6

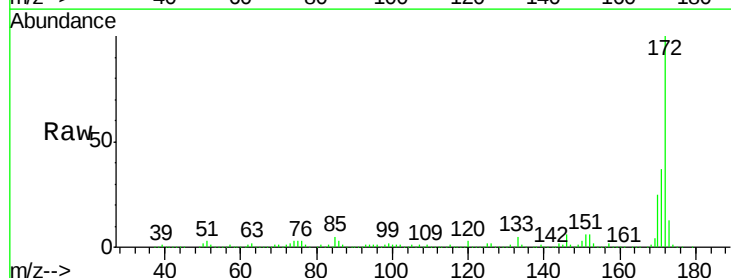


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

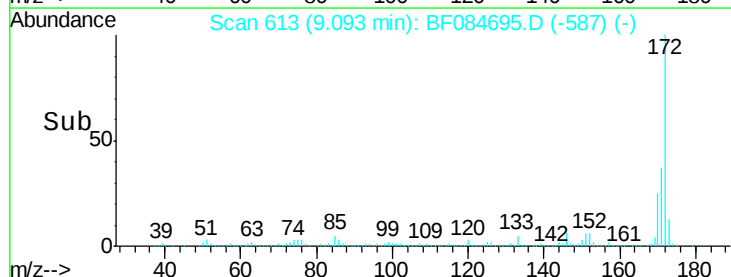
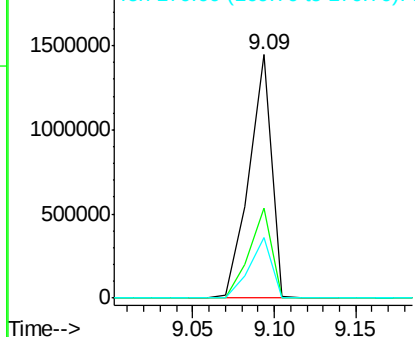


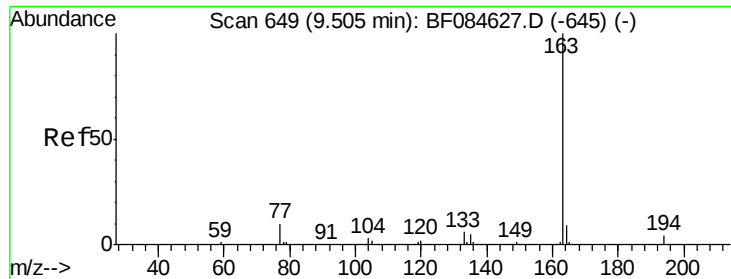
#44
 2-Fluorobiphenyl
 Concen: 68.89 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

Tgt Ion:172 Resp: 1388639
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.8 18.6 27.8



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

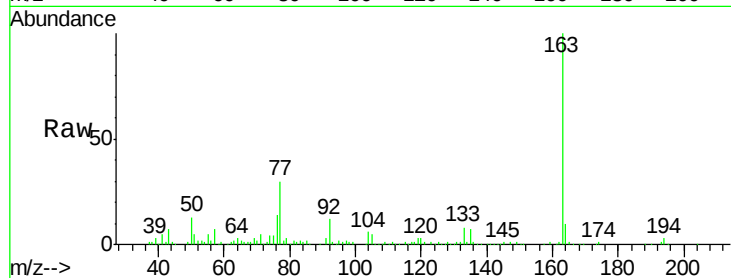




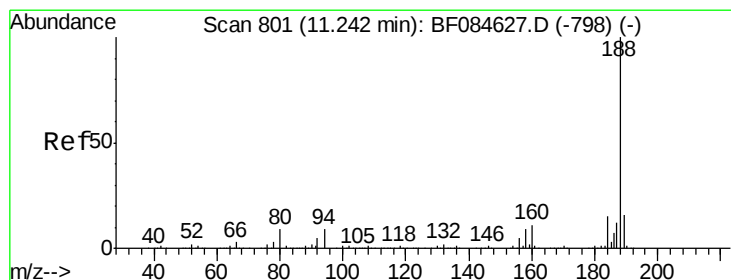
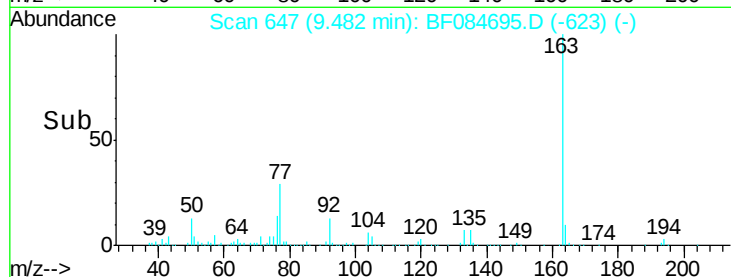
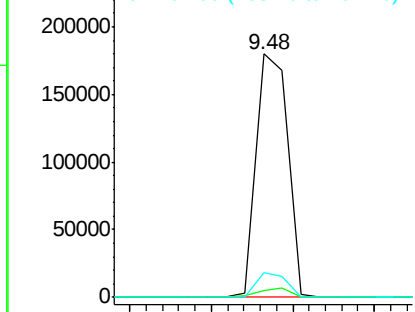
#49
Dimethylphthalate
Concen: 10.83 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084695.D
Acq: 30 Jan 2016 20:48

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-UST-19

Tgt Ion:163 Resp: 243593
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.1 8.0 12.0

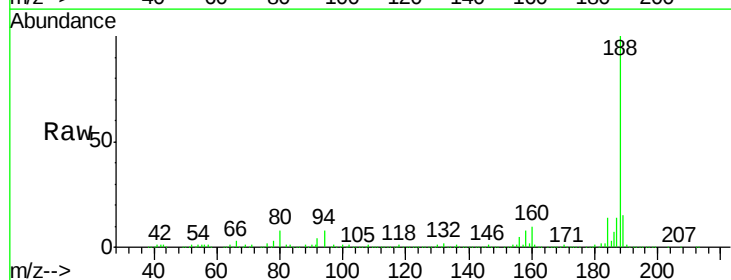


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

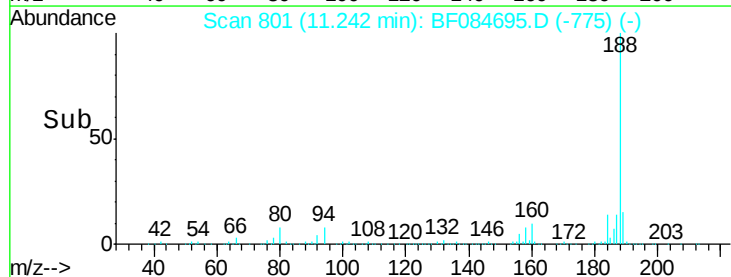
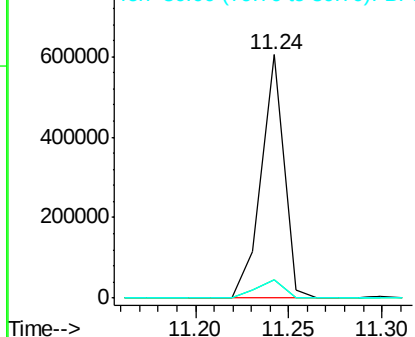


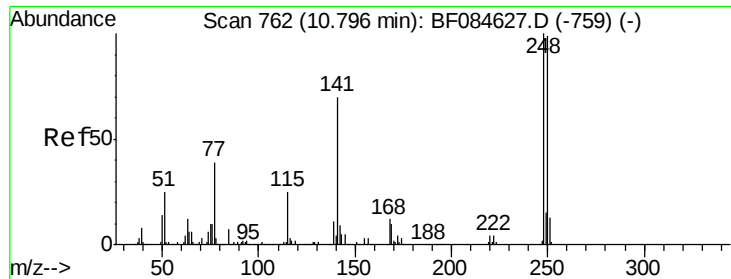
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084695.D
Acq: 30 Jan 2016 20:48

Tgt Ion:188 Resp: 509670
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.4#
80 7.8 9.6 14.4#



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: 3.01 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-UST-19

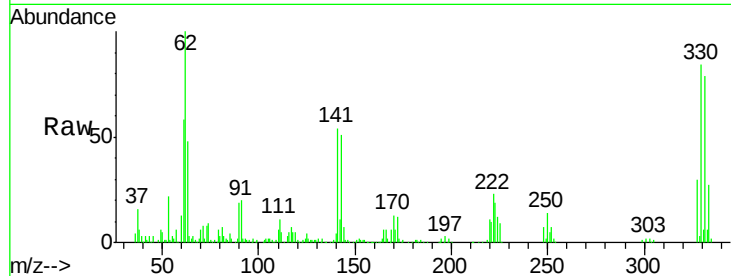
Tgt Ion:248 Resp: 17306

Ion Ratio Lower Upper

248 100

250 191.2 78.4 117.6#

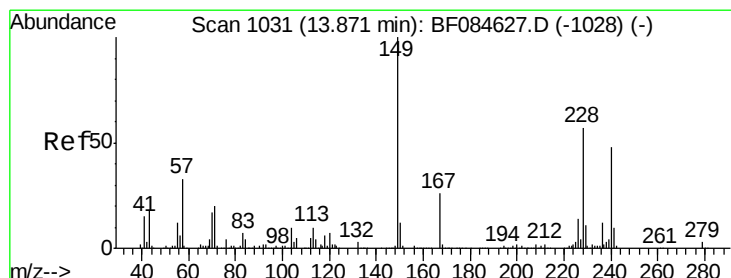
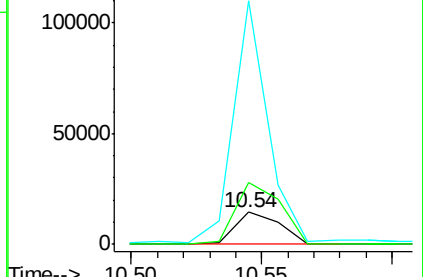
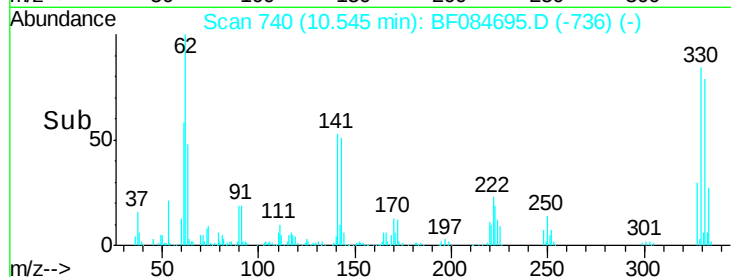
141 759.5 44.0 66.0#



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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084695.D

Acq: 30 Jan 2016 20:48

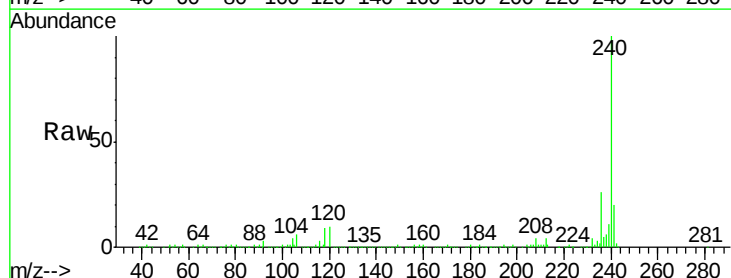
Tgt Ion:240 Resp: 396491

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

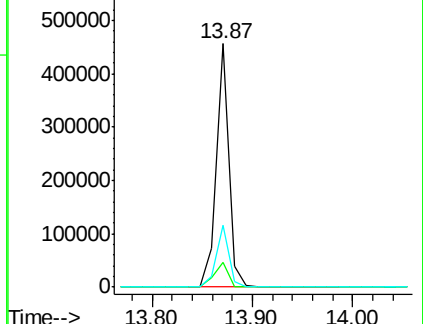
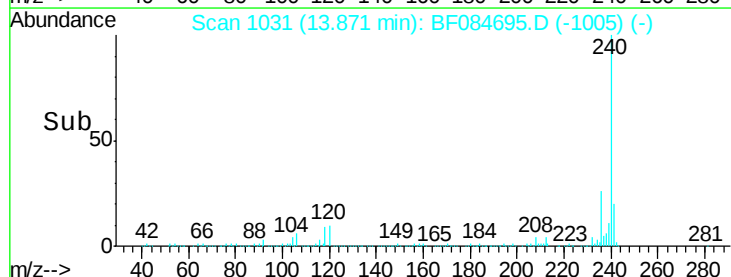
236 25.6 20.6 31.0

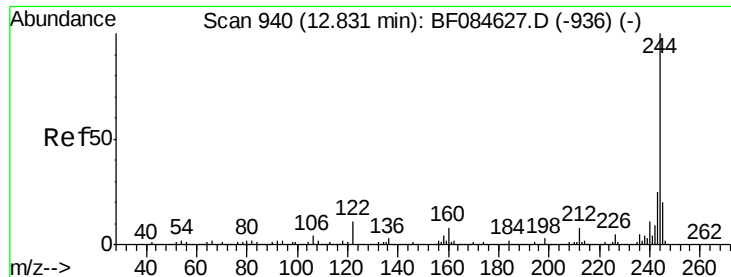


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

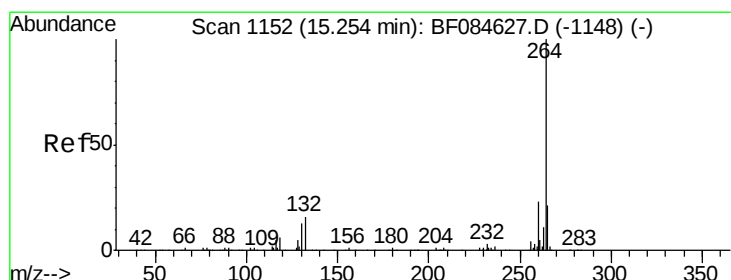
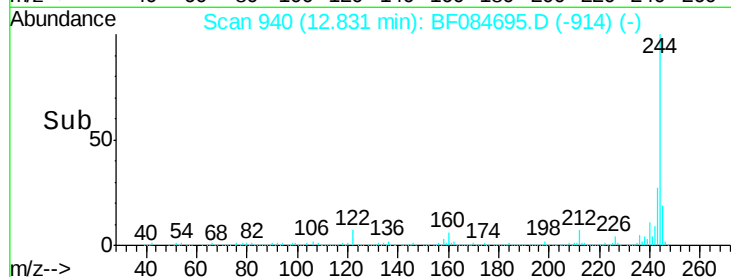
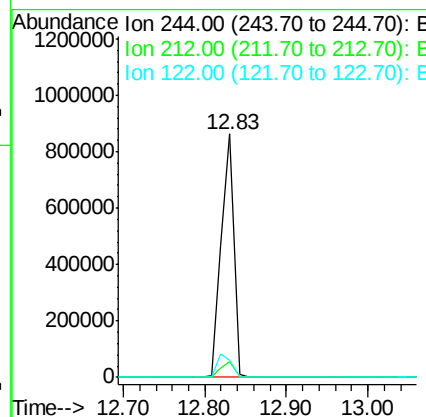
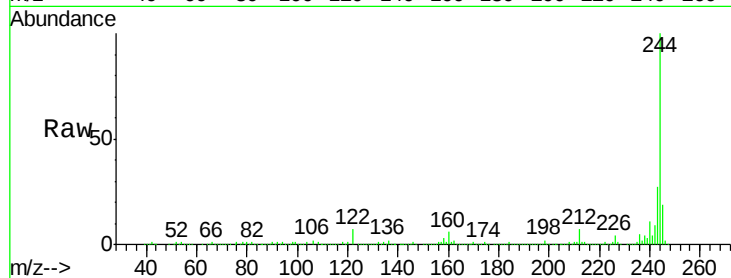




#78
 Terphenyl-d14
 Concen: 52.89 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-UST-19

Tgt Ion:244 Resp: 928549
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 7.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084695.D
 Acq: 30 Jan 2016 20:48

Tgt Ion:264 Resp: 393688
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.2 17.8 26.6

