

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086725.D
 Acq On : 6 May 2016 00:38
 Operator : UM/SJ
 Sample : H2720-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24

Quant Time: May 06 01:18:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

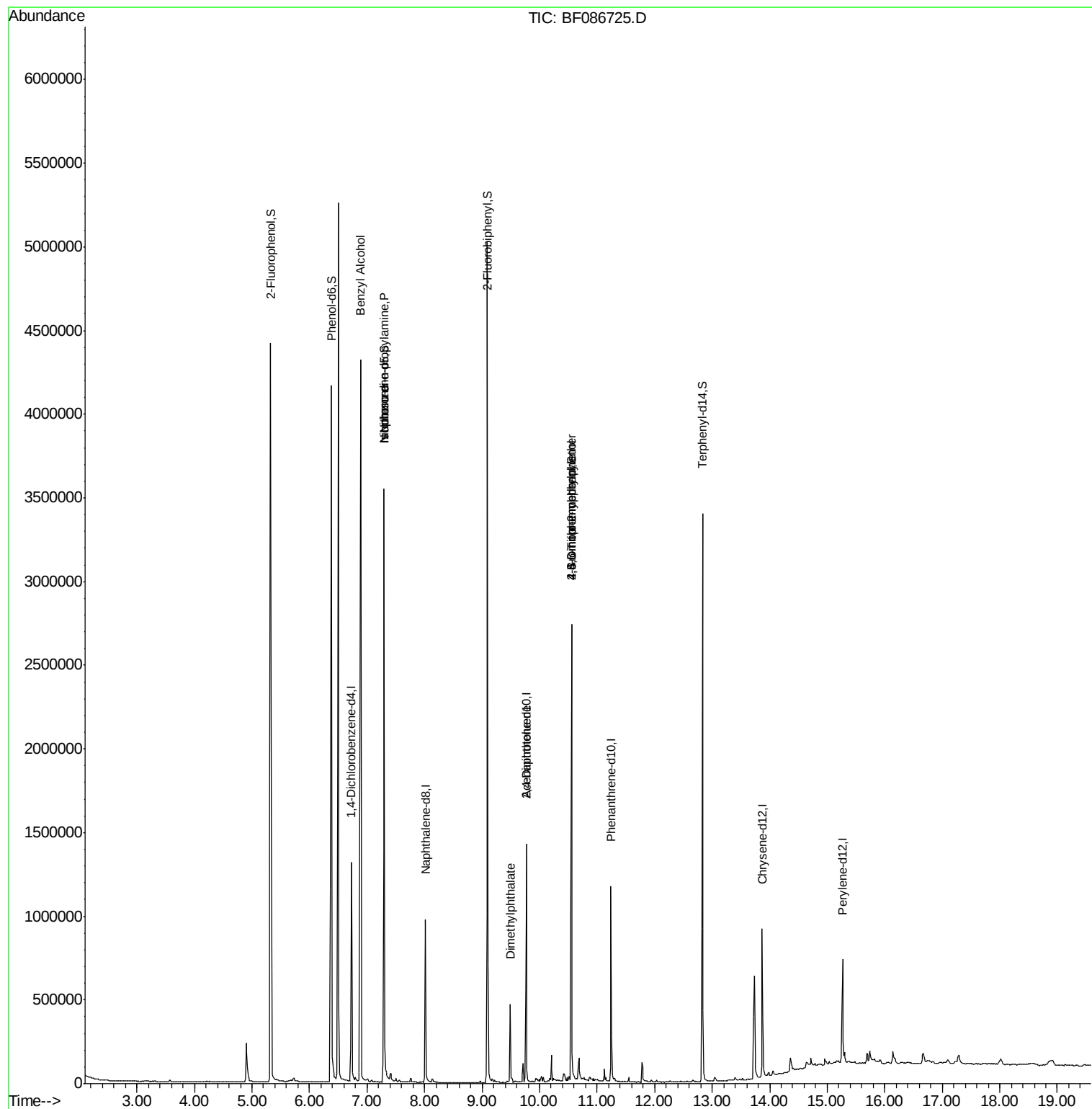
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175784	40.00	ng	-0.01
21) Naphthalene-d8	8.02	136	657105	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	295083	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	425725	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	337430	40.00	ng	-0.01
86) Perylene-d12	15.27	264	289790	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1325872	124.87	ng	0.00
7) Phenol-d6	6.38	99	1981162	138.51	ng	0.01
23) Nitrobenzene-d5	7.30	82	1196886	93.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	343623	119.04	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1458714	81.03	ng	-0.01
78) Terphenyl-d14	12.83	244	1029863	61.68	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	21800	2.36	ng	# 37
19) n-Nitroso-di-n-propylamine	7.30	70	169227	17.32	ng	# 74
25) Isophorone	7.30	82	849459	35.67	ng	# 68
49) Dimethylphthalate	9.49	163	269811	12.27	ng	99
56) 2,4-Dinitrotoluene	9.77	165	37508	6.41	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.56	198	958	5.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	22355	5.28	ng	# 1

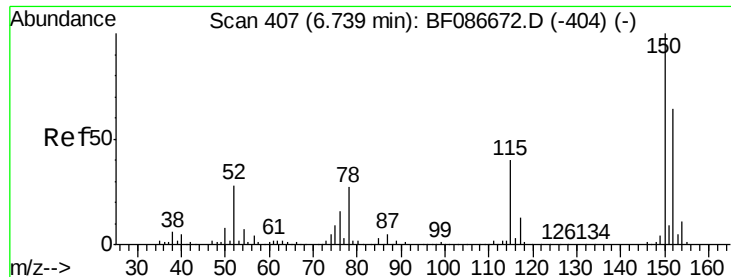
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086725.D
Acq On : 6 May 2016 00:38
Operator : UM/SJ
Sample : H2720-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18D24

Quant Time: May 06 01:18:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

TP-18D24

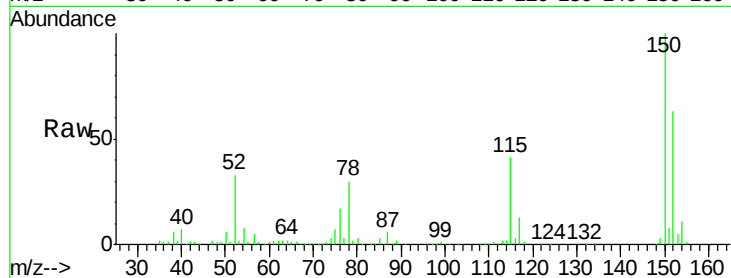
Tgt Ion:152 Resp: 175784

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.6

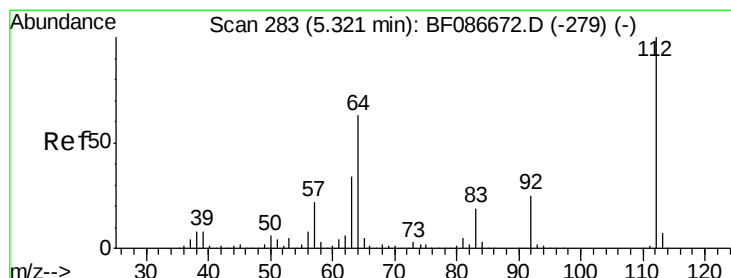
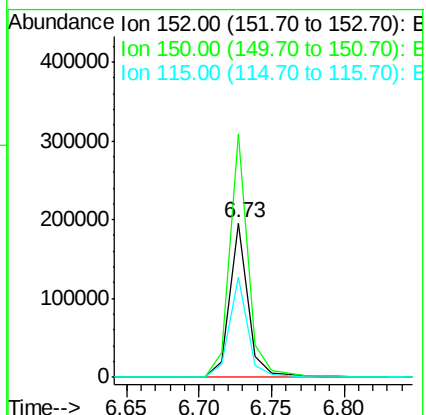
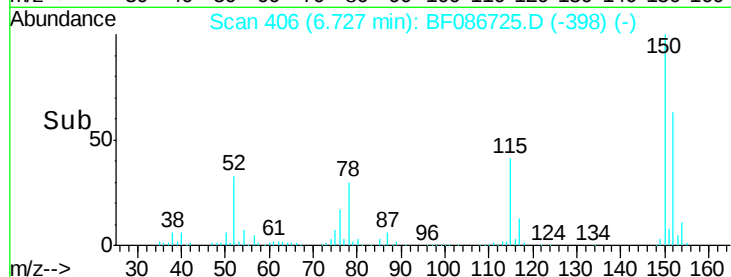
115 64.8 51.5 77.3



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: 124.87 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

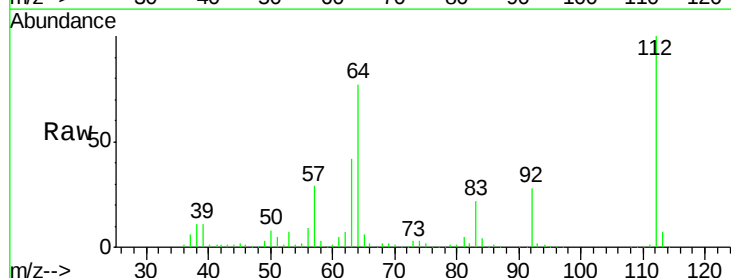
Tgt Ion:112 Resp: 1325872

Ion Ratio Lower Upper

112 100

64 76.9 52.1 78.1

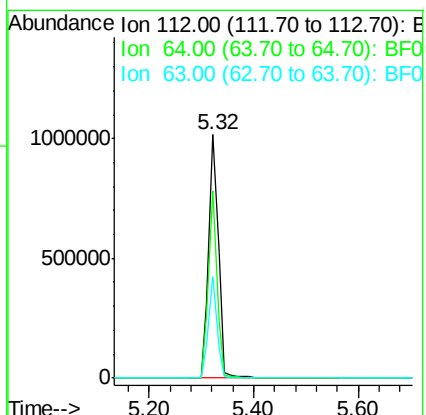
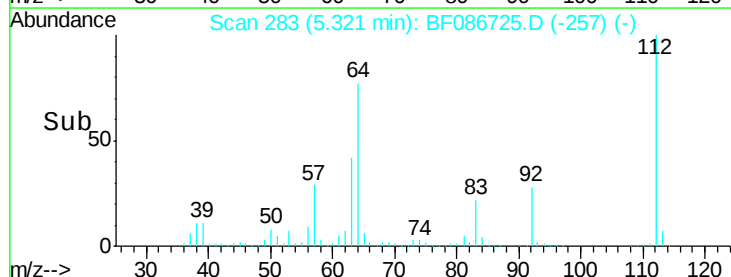
63 41.9 25.7 38.5

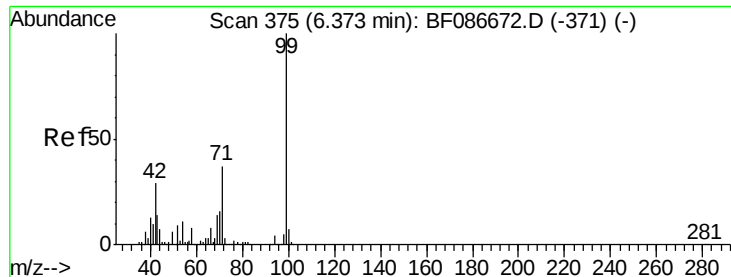


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.51 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

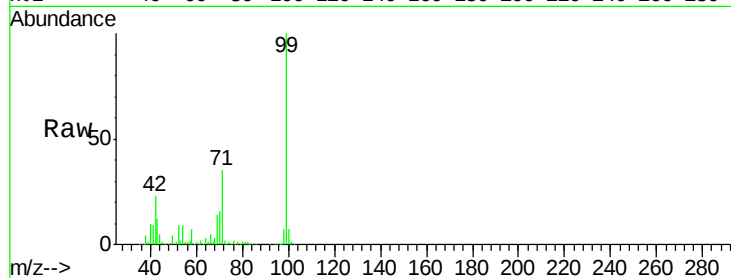
BNA_F

ClientSampleId :

TP-18D24

Tgt Ion: 99 Resp: 1981162

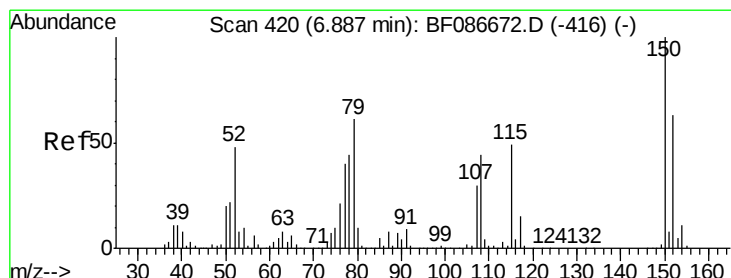
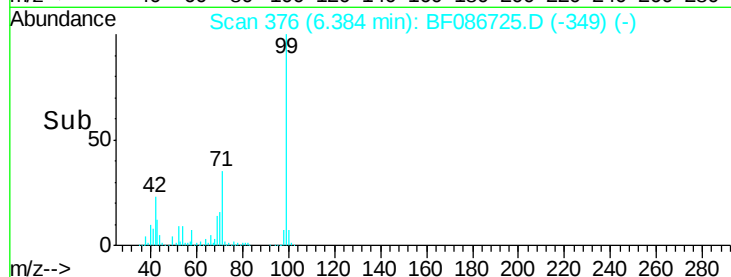
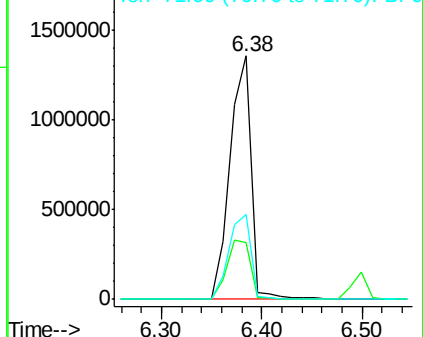
Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.6	20.4#
71	35.1	24.6	36.8



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



#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 6.89 min Scan# 420

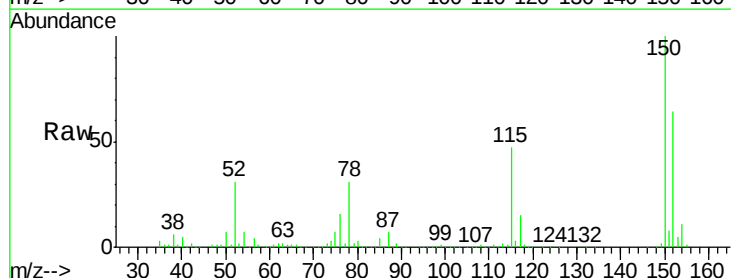
Delta R.T. 0.00 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Tgt Ion: 79 Resp: 21800

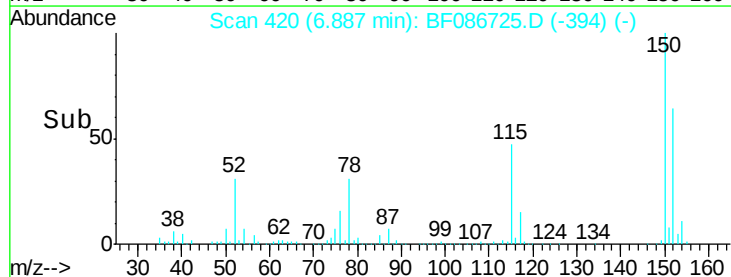
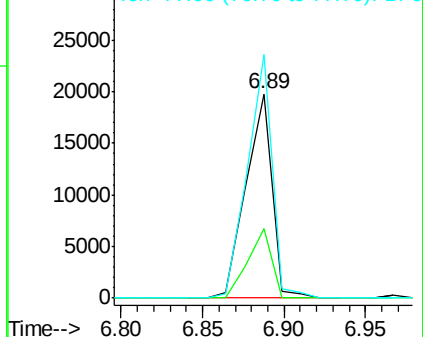
Ion	Ratio	Lower	Upper
79	100		
108	34.2	68.4	102.6#
77	119.0	50.6	76.0#

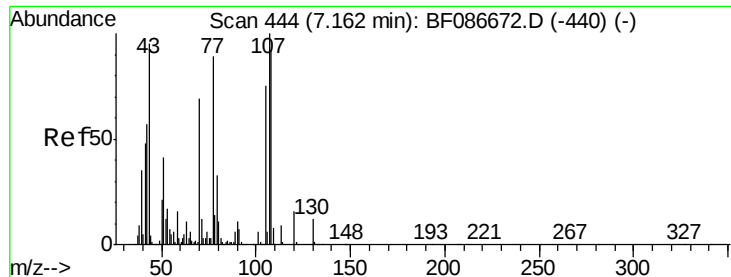


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.32 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

TP-18D24

Tgt Ion: 70 Resp: 169227

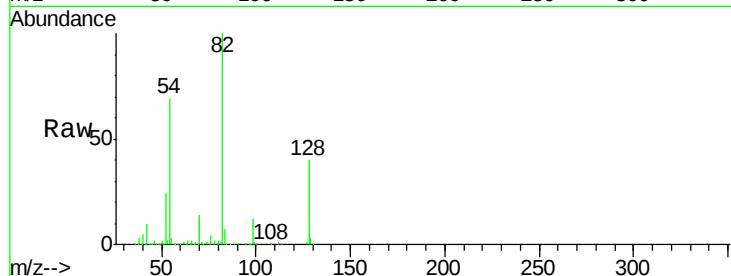
Ion Ratio Lower Upper

70 100

42 66.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#



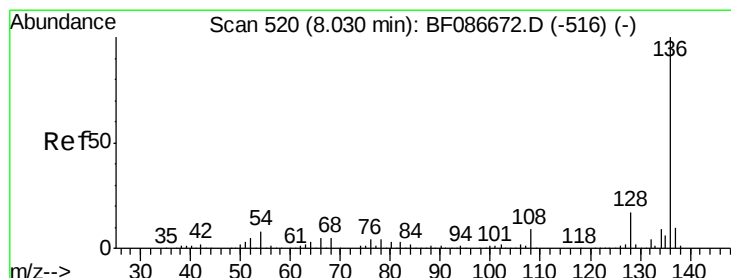
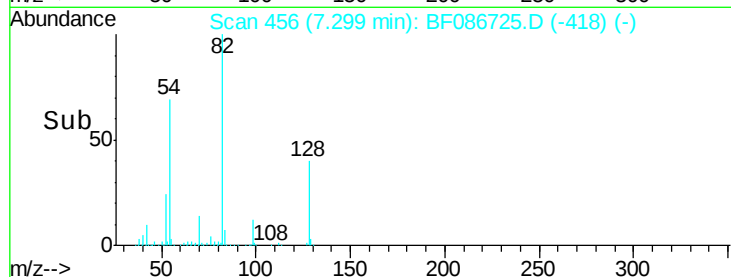
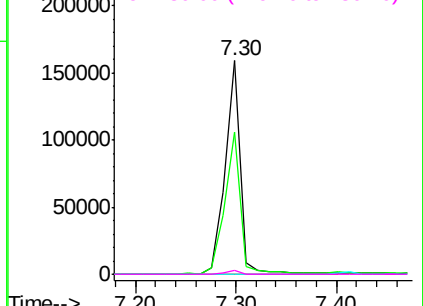
Abundance

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



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Tgt Ion: 136 Resp: 657105

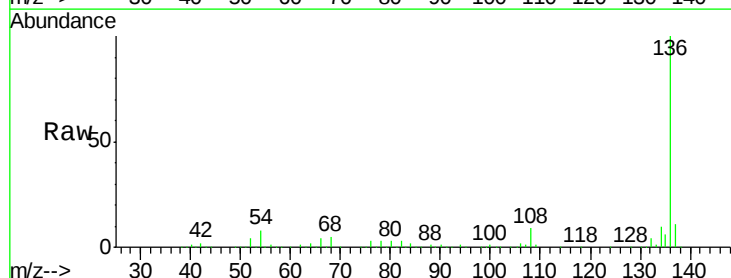
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.8 5.0 7.4#

68 4.7 4.4 6.6



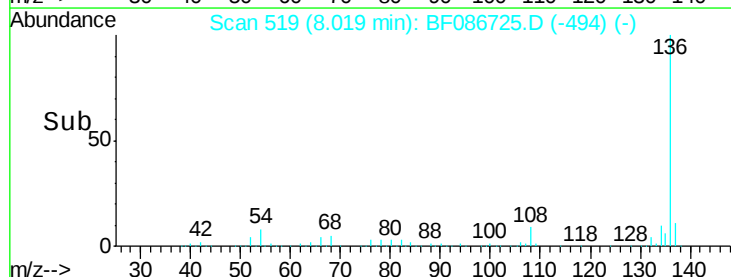
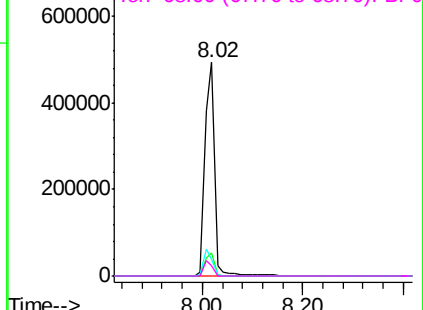
Abundance

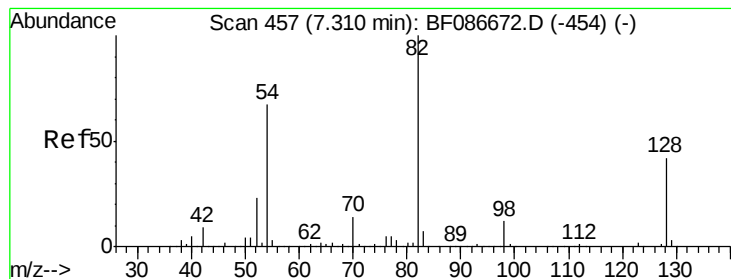
Ion 136.00 (135.70 to 136.70): E

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: 93.60 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampled :

TP-18D24

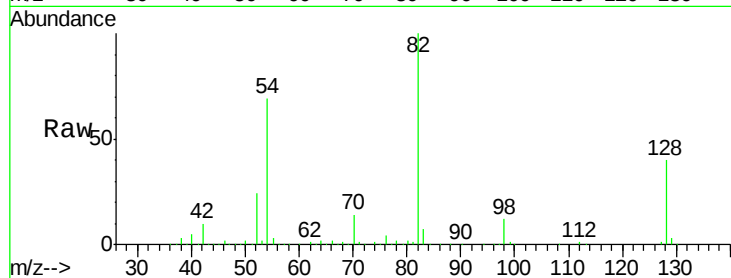
Tgt Ion: 82 Resp: 1196886

Ion Ratio Lower Upper

82 100

128 40.2 40.6 61.0#

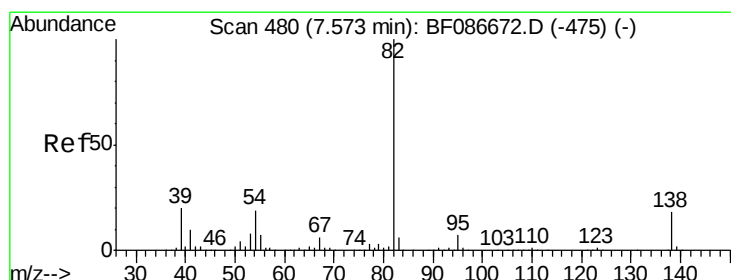
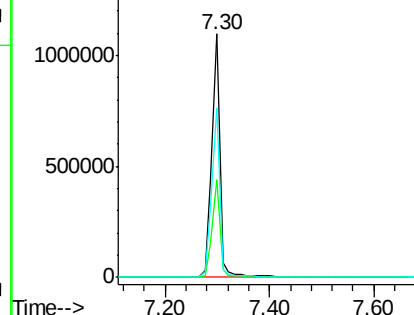
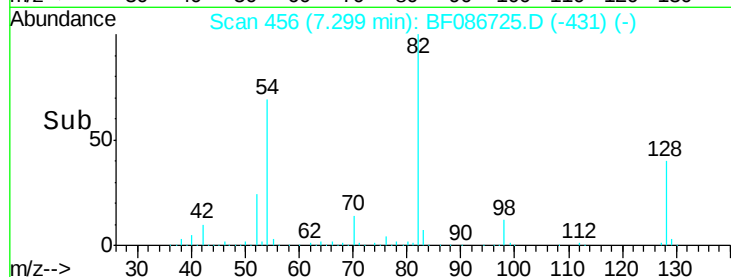
54 69.4 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.67 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.27 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

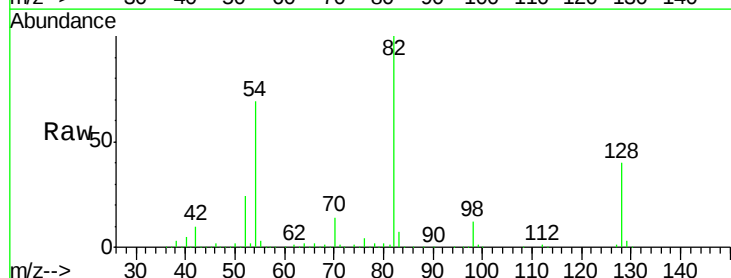
Tgt Ion: 82 Resp: 849459

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

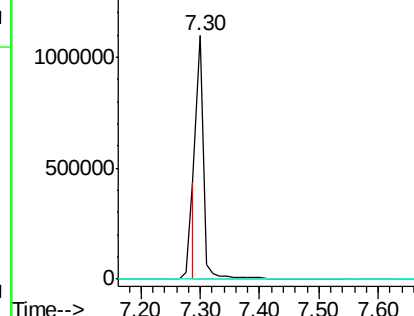
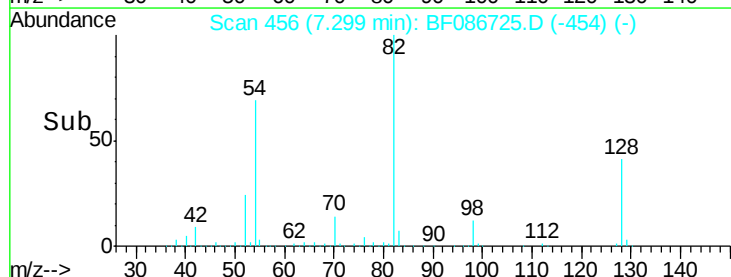
138 0.0 12.4 18.6#

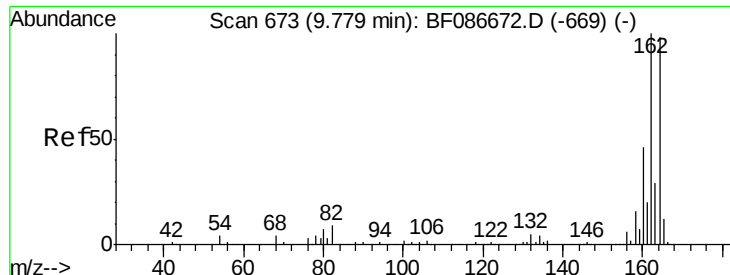


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

TP-18D24

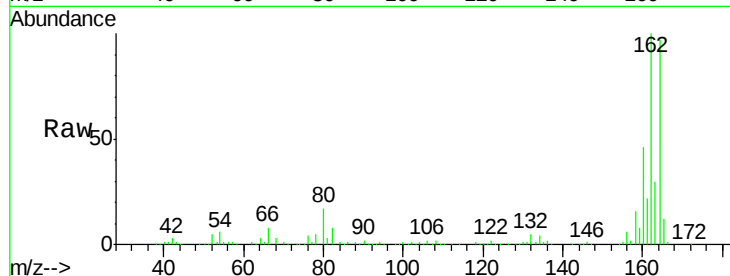
Tgt Ion:164 Resp: 295083

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

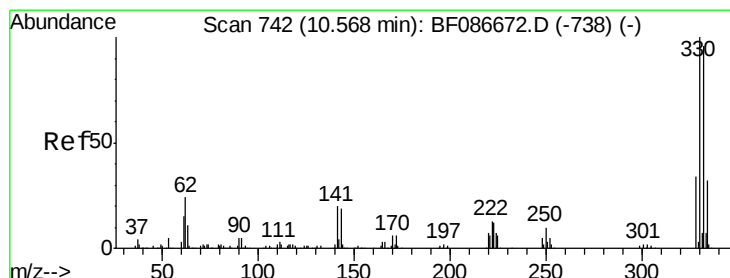
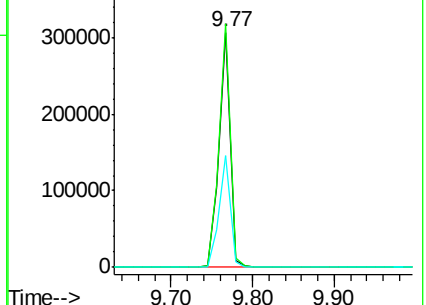
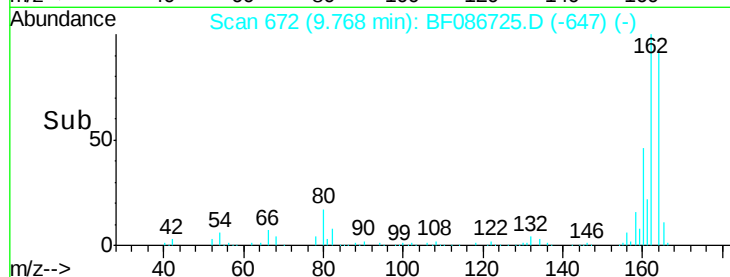
160 47.7 36.9 55.3



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: 119.04 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

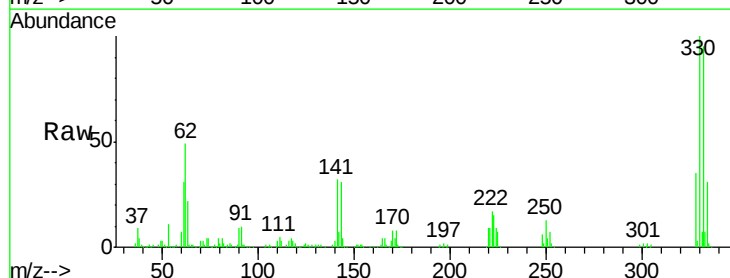
Tgt Ion:330 Resp: 343623

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

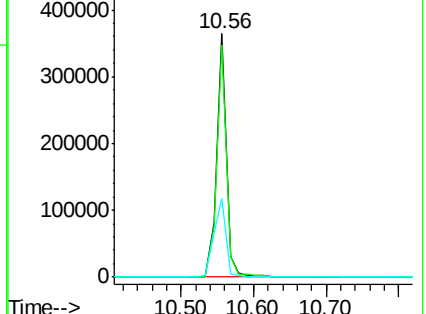
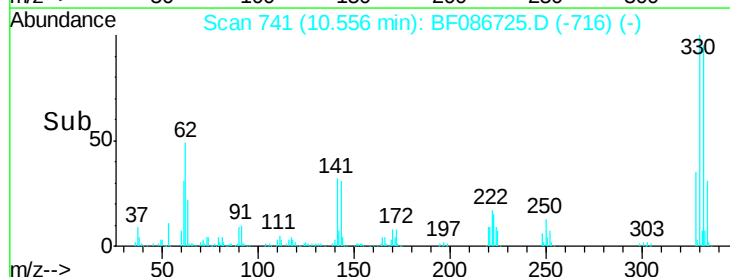
141 39.3 31.2 46.8

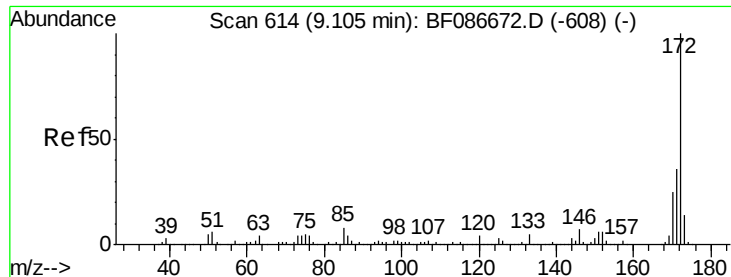


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

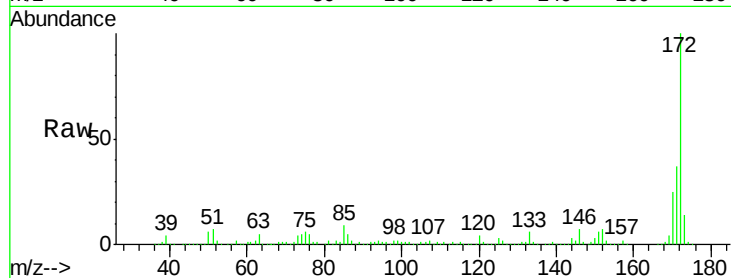




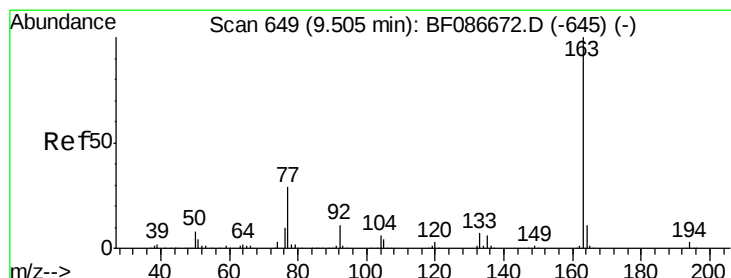
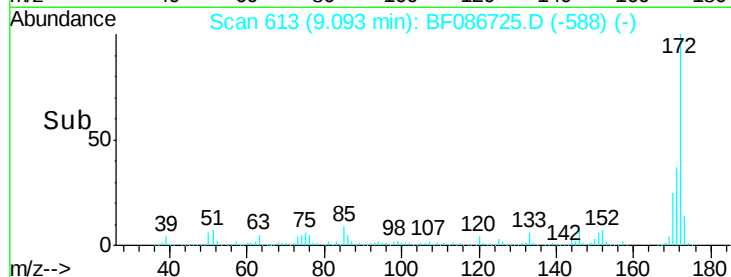
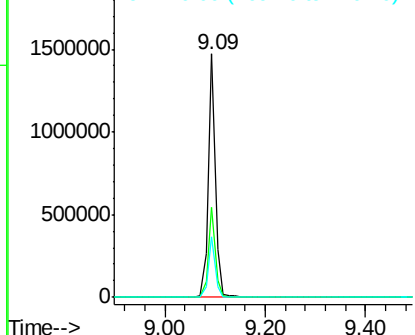
#44
 2-Fluorobiphenyl
 Concen: 81.03 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086725.D
 Acq: 6 May 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-18D24

Tgt Ion:172 Resp: 1458714
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.8 19.8 29.8

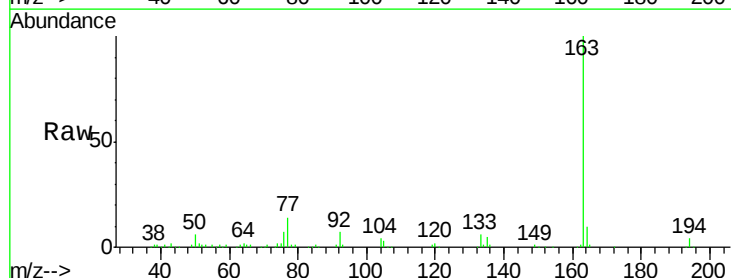


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

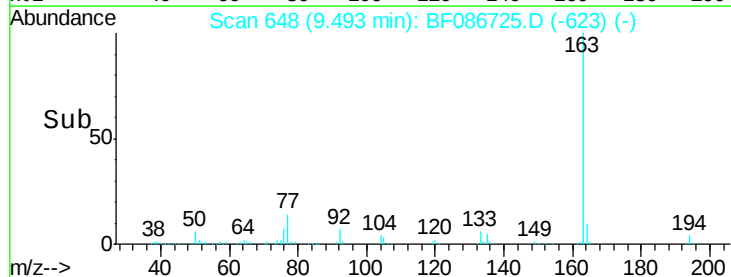
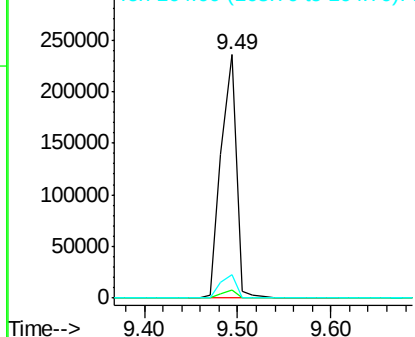


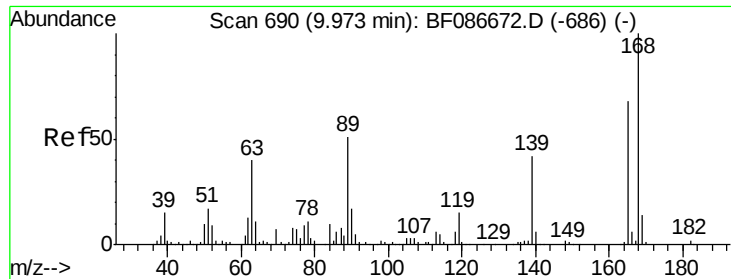
#49
 Dimethylphthalate
 Concen: 12.27 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF086725.D
 Acq: 6 May 2016 00:38

Tgt Ion:163 Resp: 269811
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 300000
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.41 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

TP-18D24

Tgt Ion:165 Resp: 37508

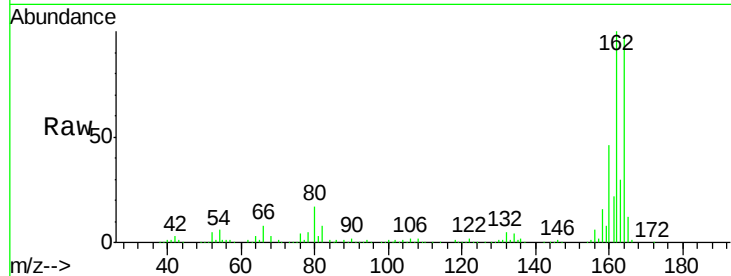
Ion Ratio Lower Upper

165 100

63 1.8 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

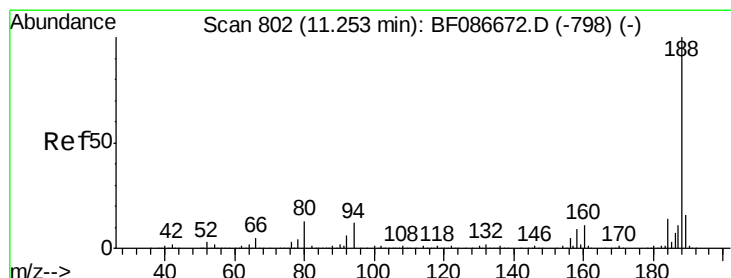
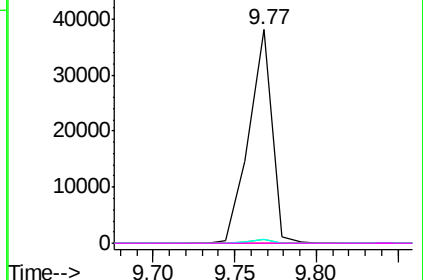
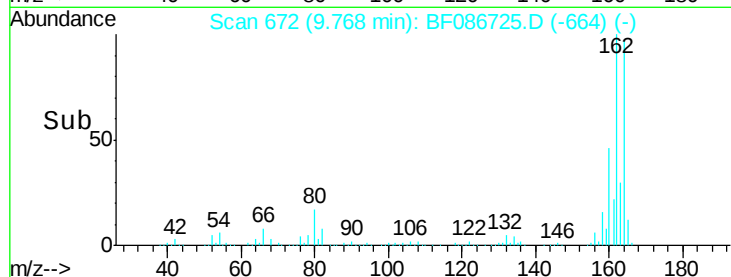


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

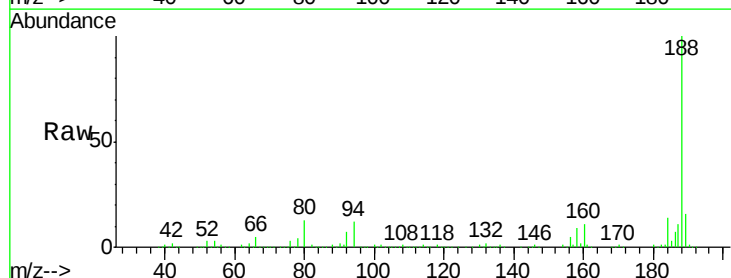
Tgt Ion:188 Resp: 425725

Ion Ratio Lower Upper

188 100

94 11.8 6.8 10.2#

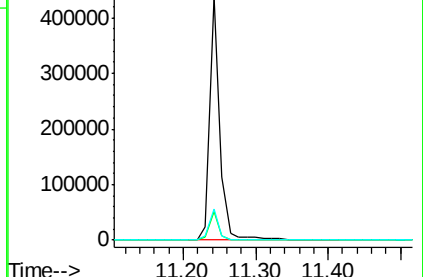
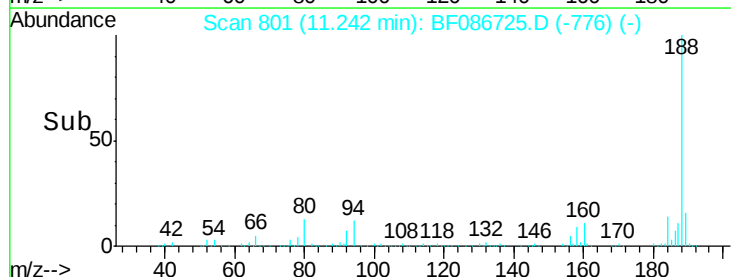
80 12.9 7.1 10.7#

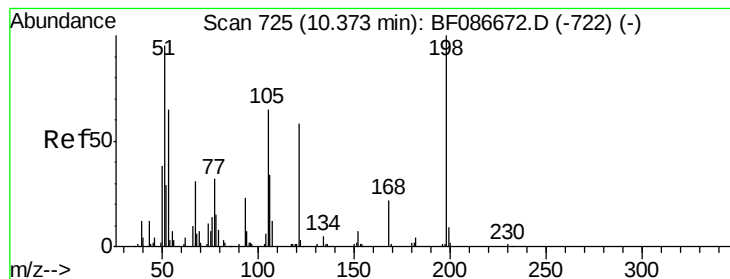


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.72 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.18 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampled :

TP-18D24

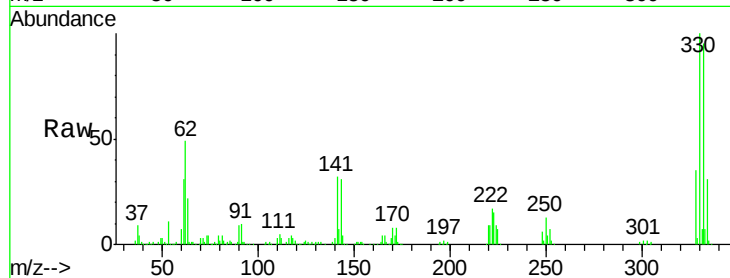
Tgt Ion:198 Resp: 958

Ion Ratio Lower Upper

198 100

51 198.2 20.5 60.5#

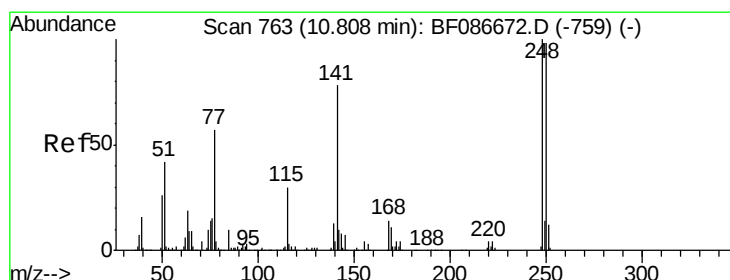
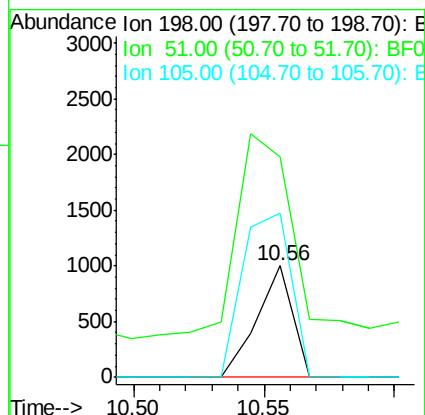
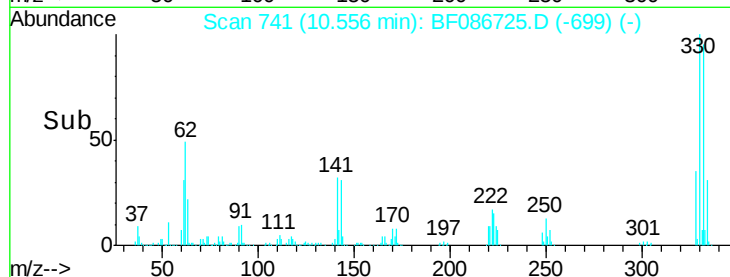
105 147.0 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.28 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

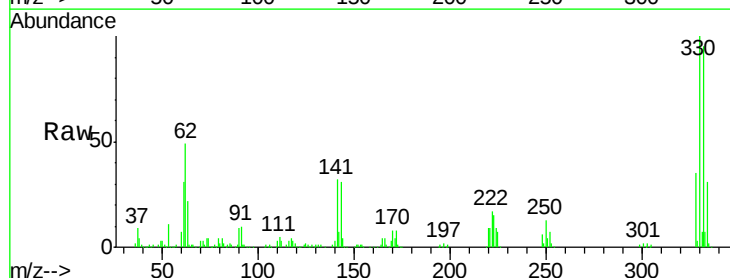
Tgt Ion:248 Resp: 22355

Ion Ratio Lower Upper

248 100

250 202.6 78.6 117.8#

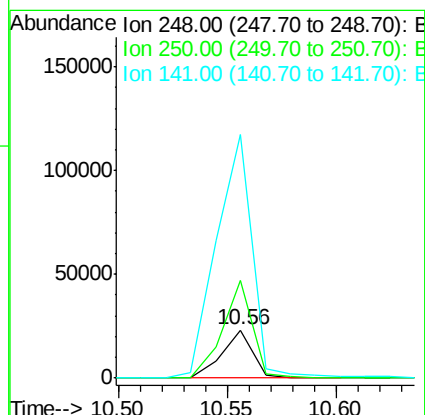
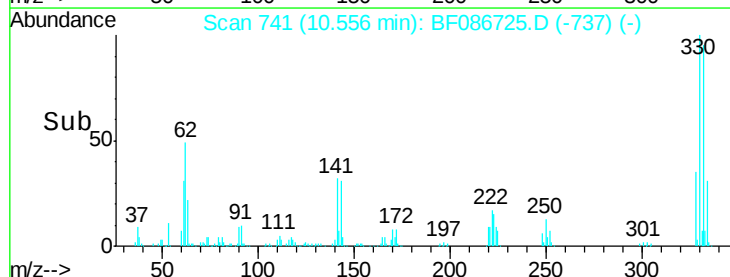
141 505.6 76.0 114.0#

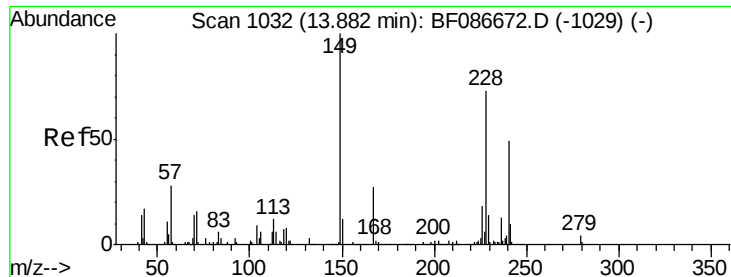


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

Instrument :

BNA_F

ClientSampleId :

TP-18D24

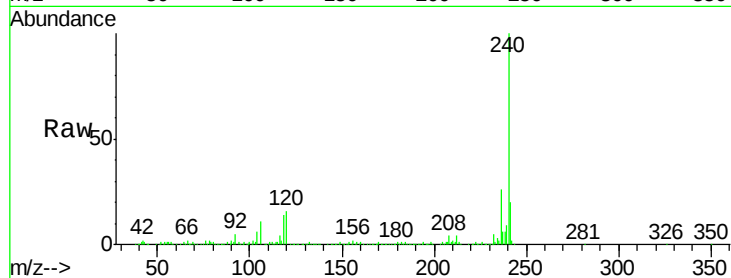
Tgt Ion:240 Resp: 337430

Ion Ratio Lower Upper

240 100

120 15.9 11.2 16.8

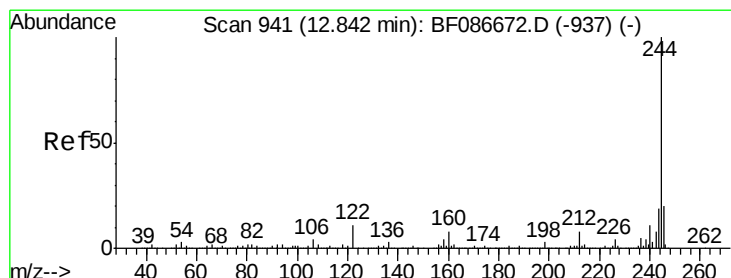
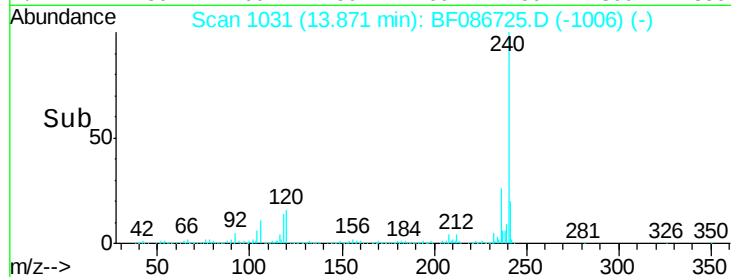
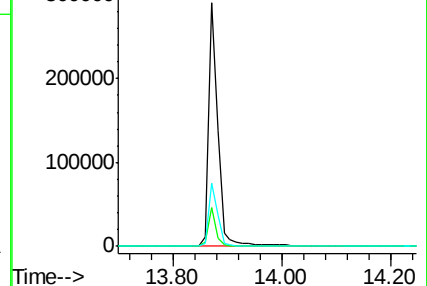
236 25.8 21.2 31.8



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: 61.68 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086725.D

Acq: 6 May 2016 00:38

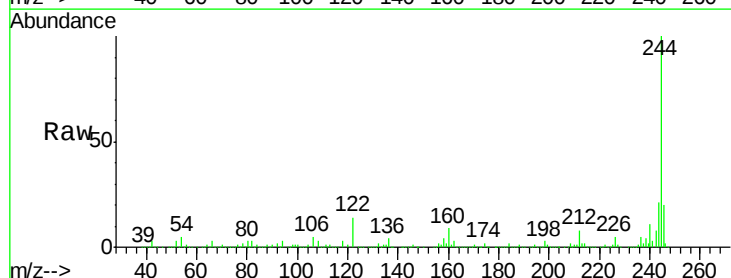
Tgt Ion:244 Resp: 1029863

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

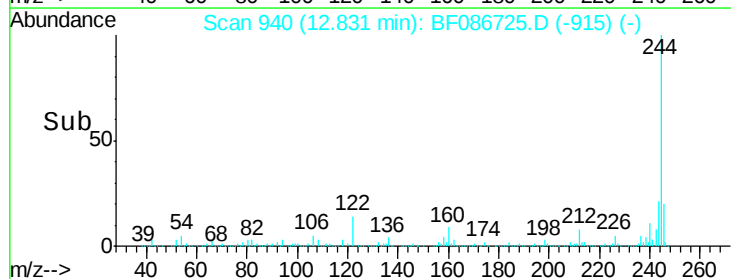
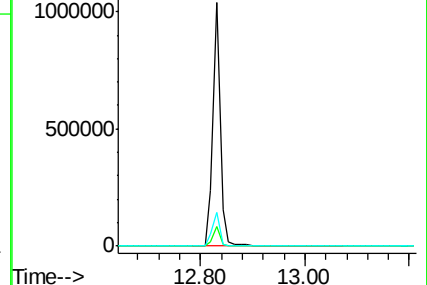
122 13.8 12.0 18.0

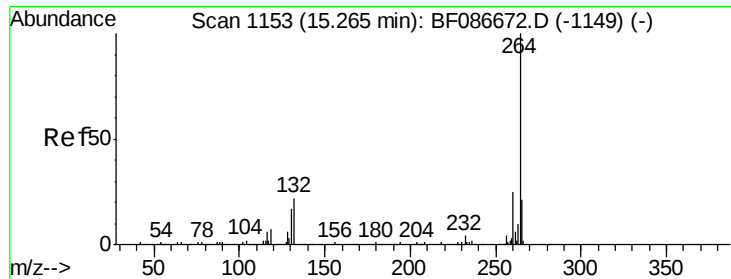


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086725.D
Acq: 6 May 2016 00:38

Instrument :
BNA_F
ClientSampleId :
TP-18D24

Tgt Ion: 264 Resp: 289790

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.4	17.3	25.9

