

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086365.D
 Acq On : 23 Apr 2016 2:24
 Operator : UM/SJ
 Sample : PB89976BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89976BL

Quant Time: Apr 23 03:27:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

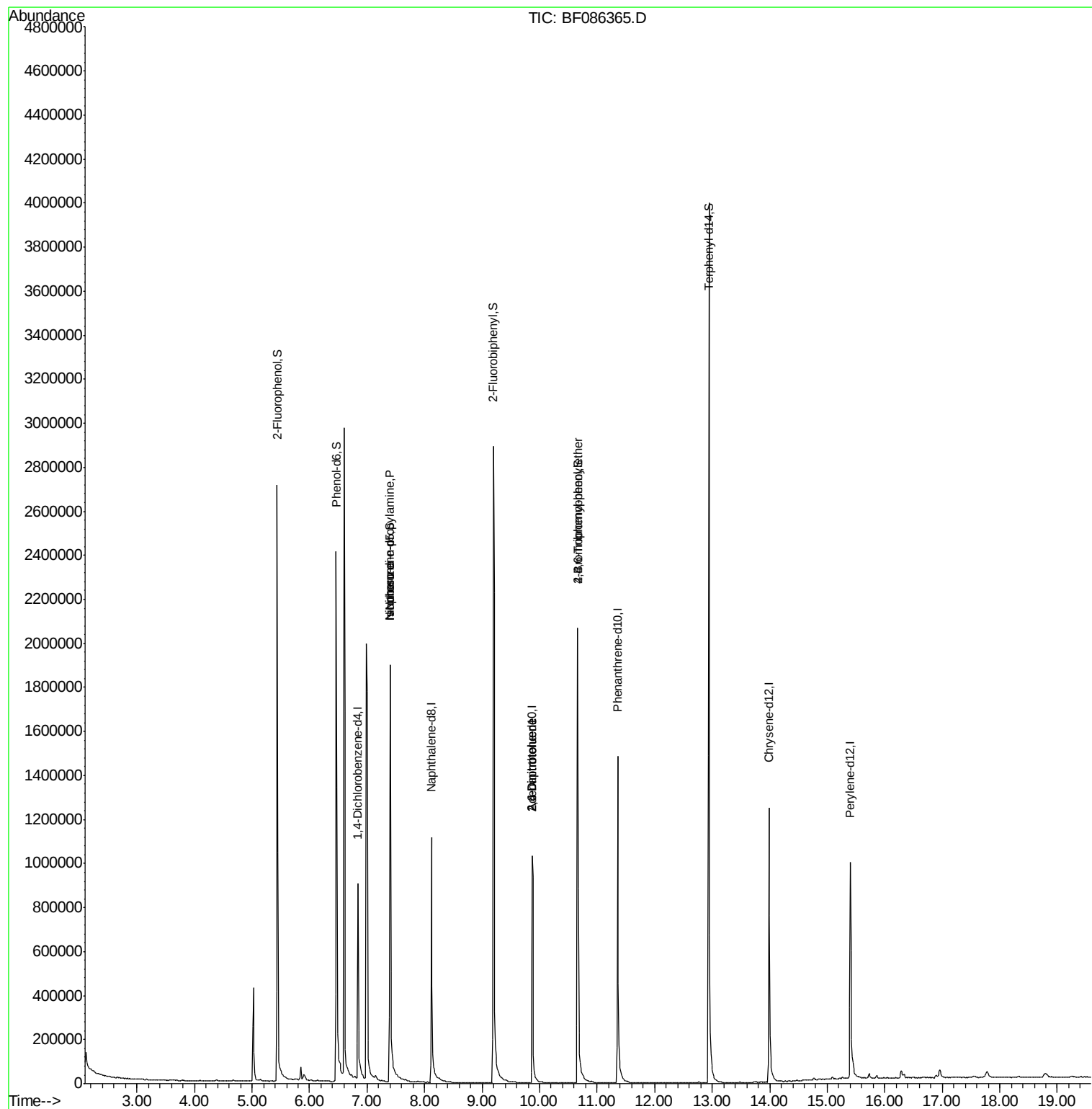
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175677	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	761404	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	354496	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	746760	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	647785	20.00	ng	-0.01
86) Perylene-d12	15.40	264	584818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	982582	96.59	ng	0.01
7) Phenol-d6	6.46	99	1342733	97.09	ng	-0.01
23) Nitrobenzene-d5	7.40	82	851120	66.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	332326	103.56	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1549896	74.61	ng	-0.01
78) Terphenyl-d14	12.94	244	1512558	58.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	104716	12.67	ng	# 81
25) Isophorone	7.40	82	844630	33.53	ng	# 68
50) 2,6-Dinitrotoluene	9.87	165	41011	7.41	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	43393	5.91	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	20056	2.74	ng	# 1

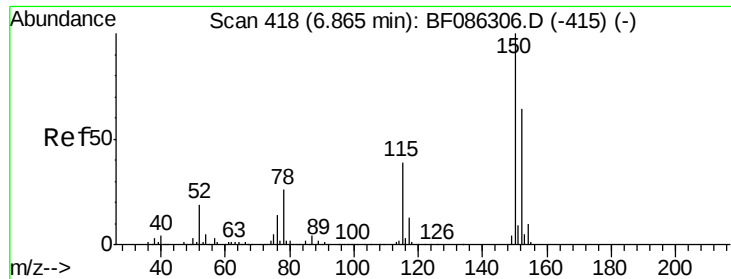
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

PB89976BL

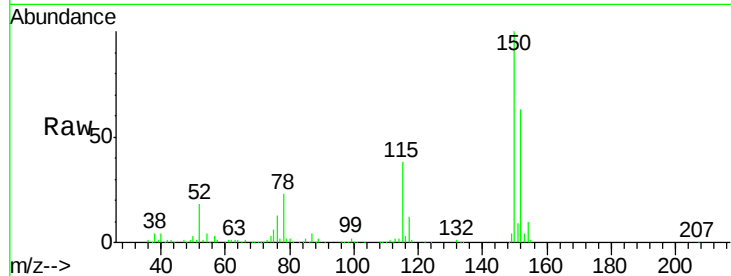
Tgt Ion:152 Resp: 175677

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

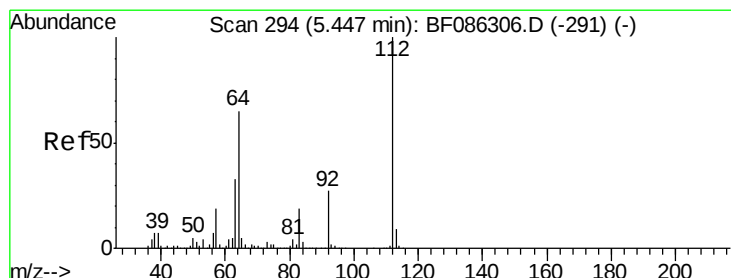
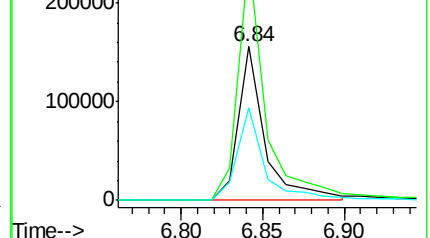
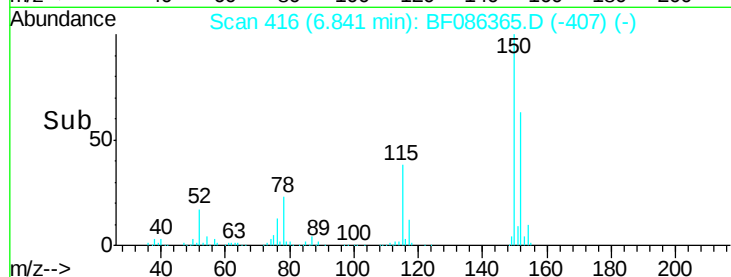
115 60.6 51.5 77.3



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: 96.59 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

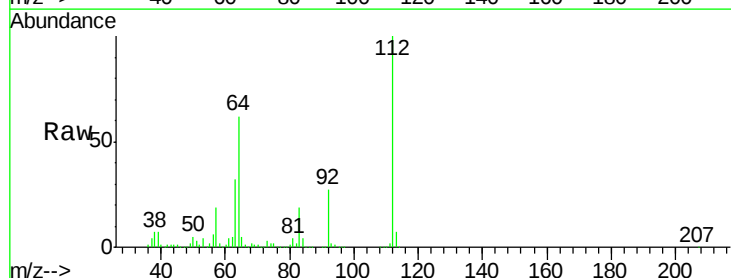
Tgt Ion:112 Resp: 982582

Ion Ratio Lower Upper

112 100

64 62.4 52.1 78.1

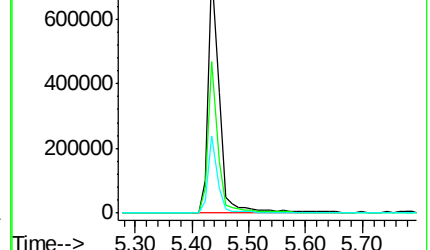
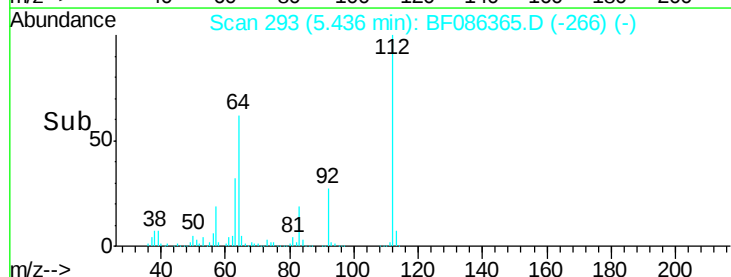
63 31.8 25.7 38.5

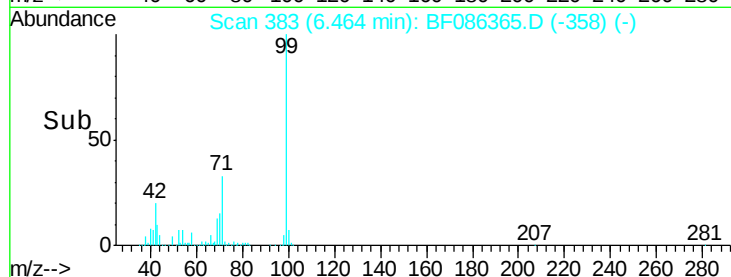
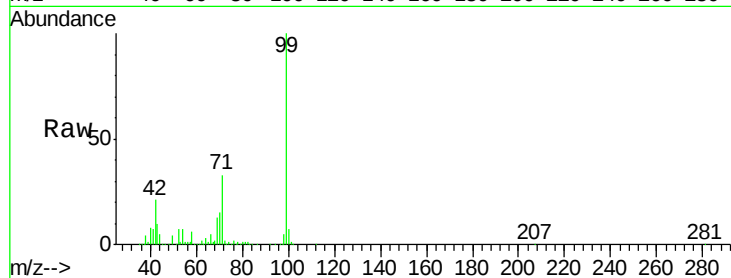
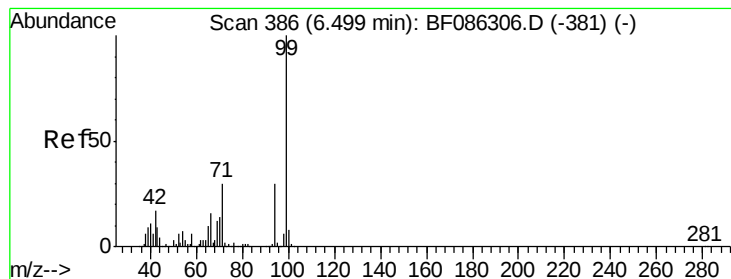


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.09 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

PB89976BL

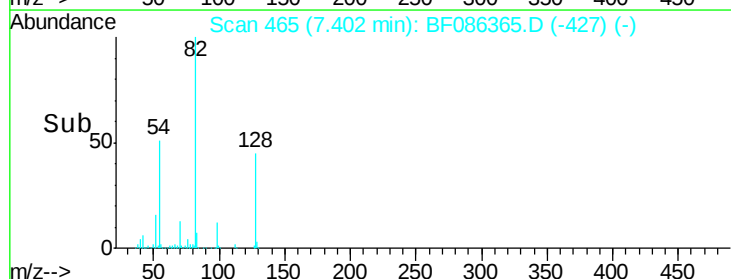
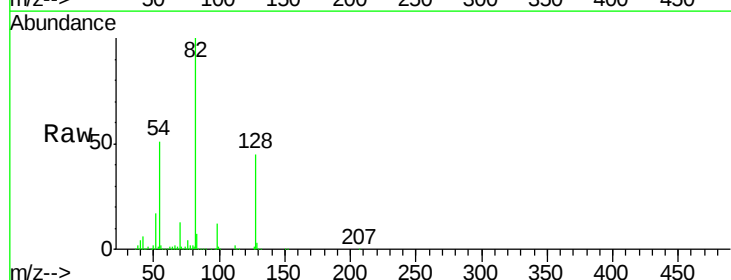
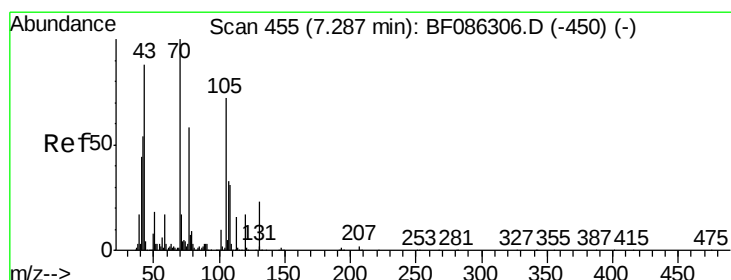
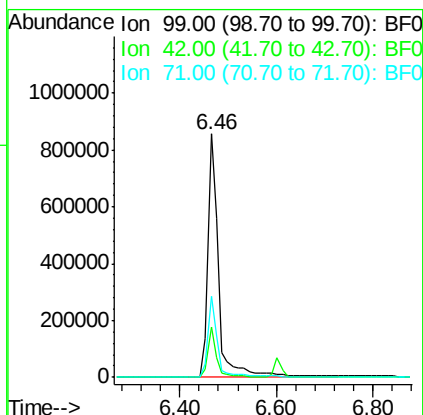
Tgt Ion: 99 Resp: 1342733

Ion Ratio Lower Upper

99 100

42 20.5 13.6 20.4#

71 33.3 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 12.67 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Tgt Ion: 70 Resp: 104716

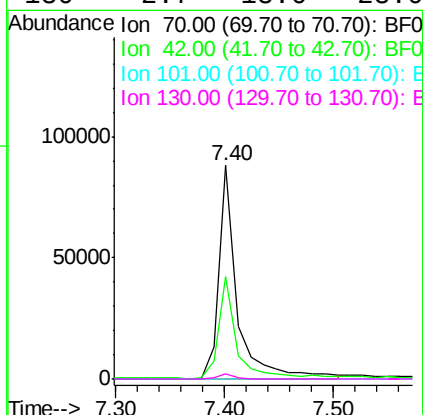
Ion Ratio Lower Upper

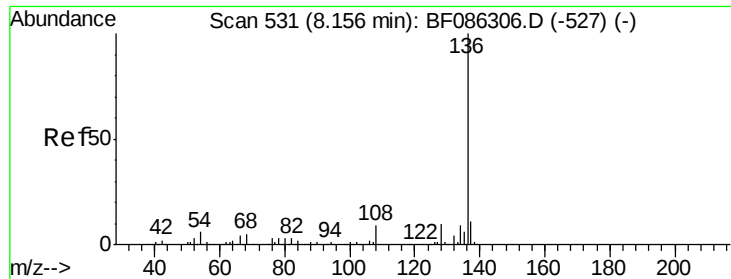
70 100

42 48.2 43.1 64.7

101 0.0 8.1 12.1#

130 2.7 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

PB89976BL

Tgt Ion: 136 Resp: 761404

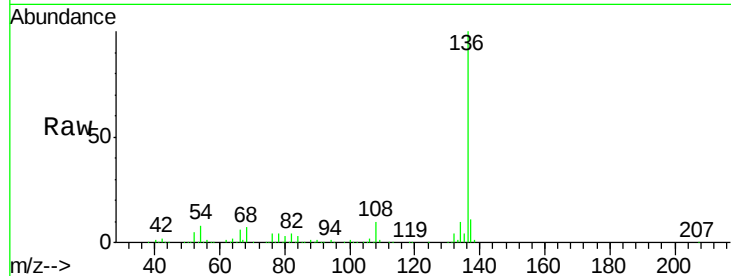
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.3 5.0 7.4#

68 6.8 4.4 6.6#

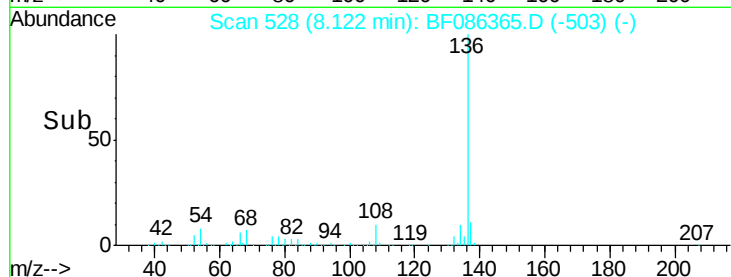


Abundance Ion 136.00 (135.70 to 136.70): E

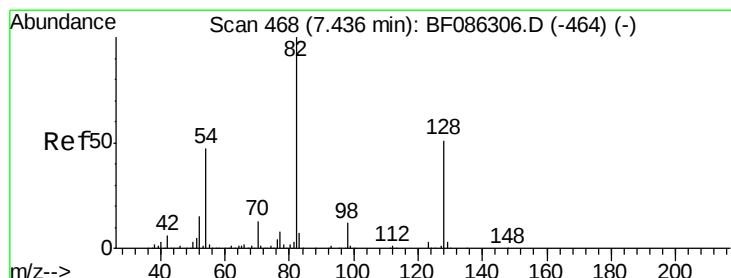
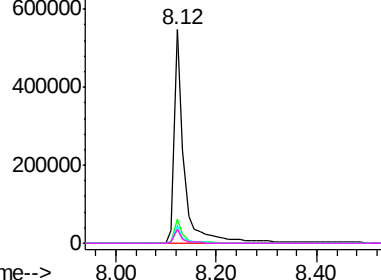
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 66.22 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

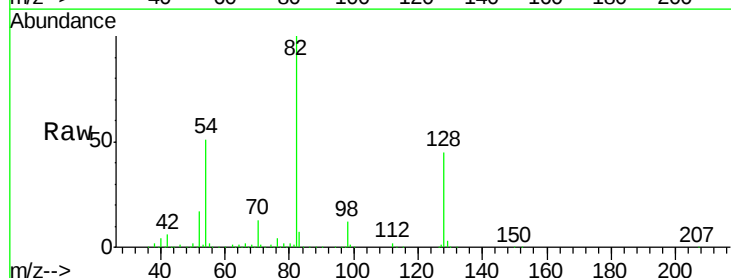
Tgt Ion: 82 Resp: 851120

Ion Ratio Lower Upper

82 100

128 44.5 40.6 61.0

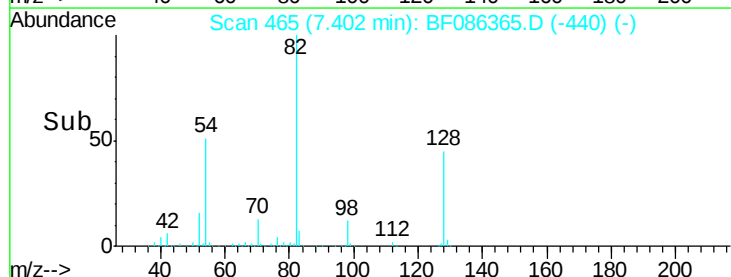
54 50.6 38.1 57.1



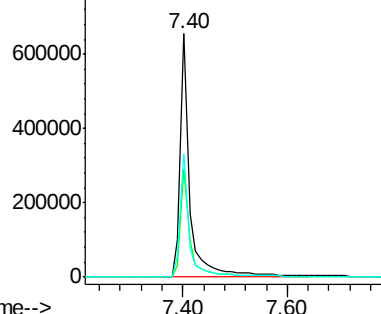
Abundance Ion 82.00 (81.70 to 82.70): BF0

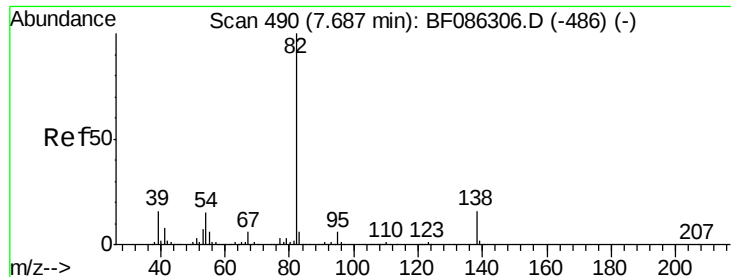
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 33.53 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

PB89976BL

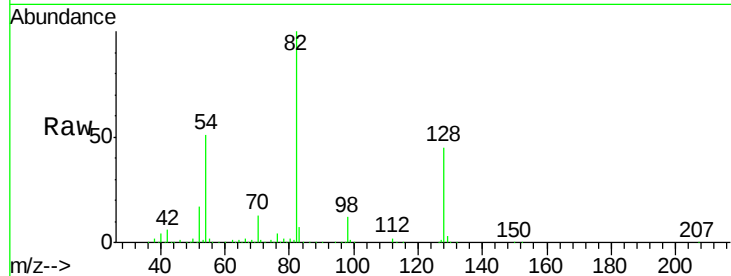
Tgt Ion: 82 Resp: 844630

Ion Ratio Lower Upper

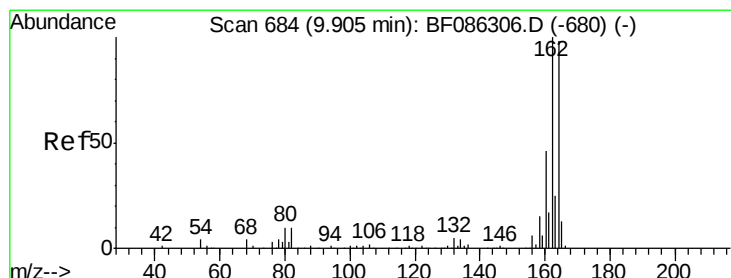
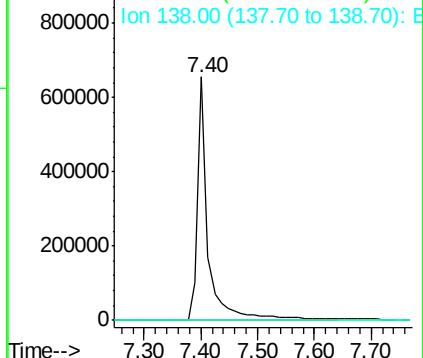
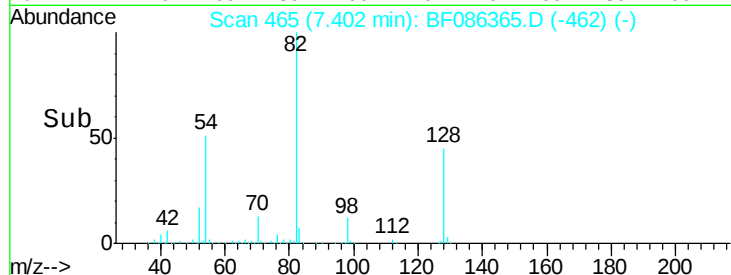
82 100

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: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

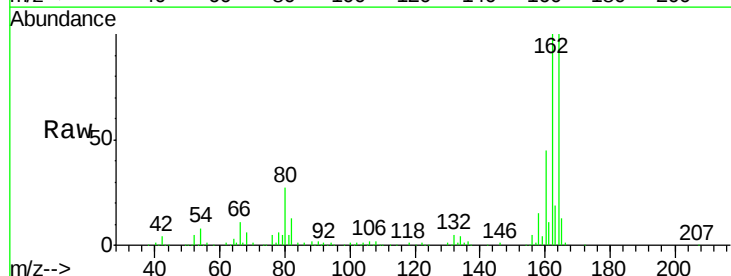
Tgt Ion: 164 Resp: 354496

Ion Ratio Lower Upper

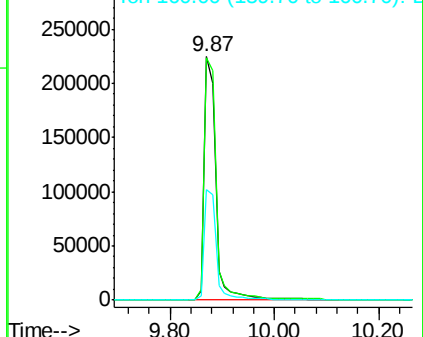
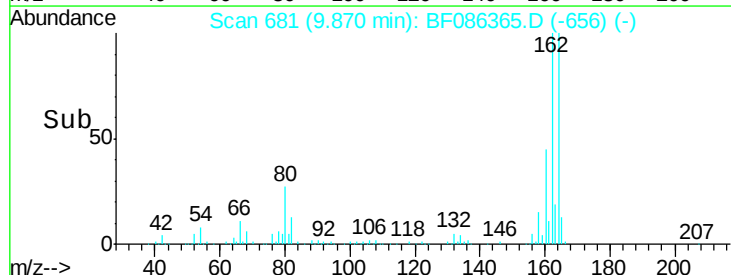
164 100

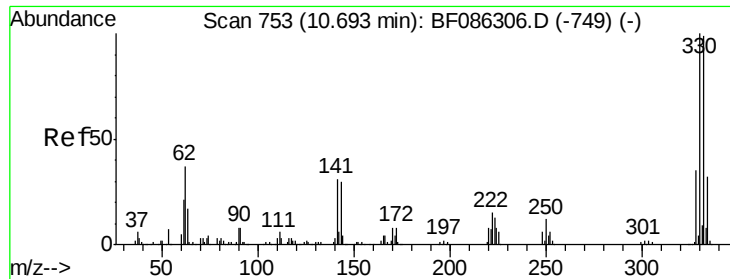
162 99.8 82.8 124.2

160 45.5 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

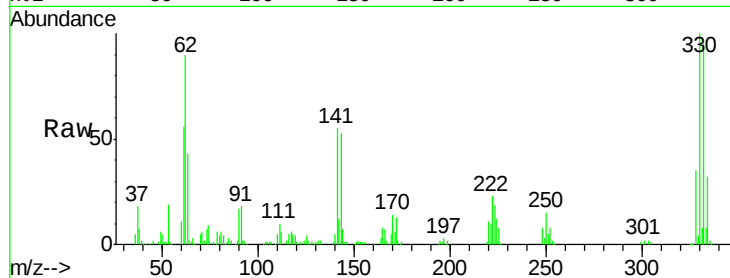




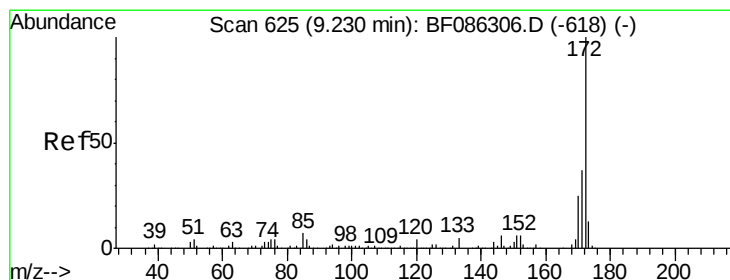
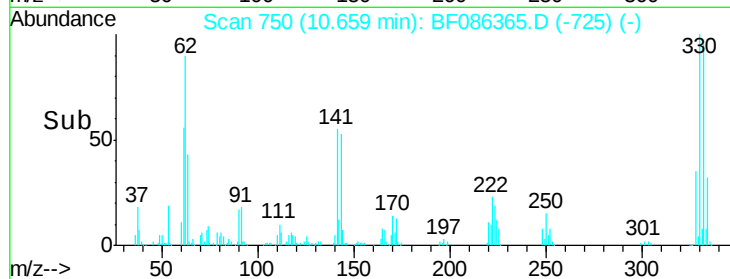
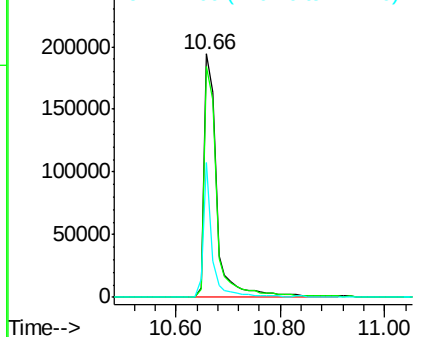
#41
 2,4,6-Tribromophenol
 Concen: 103.56 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampleID :
 PB89976BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	38.4	31.2	46.8

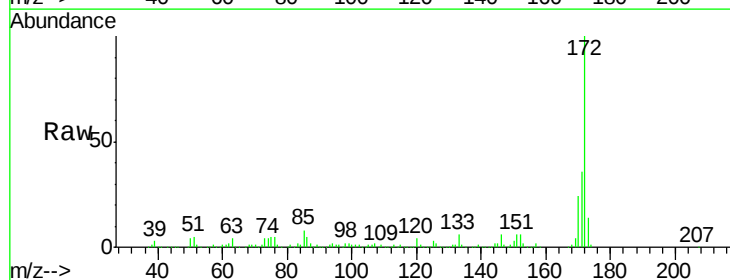


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

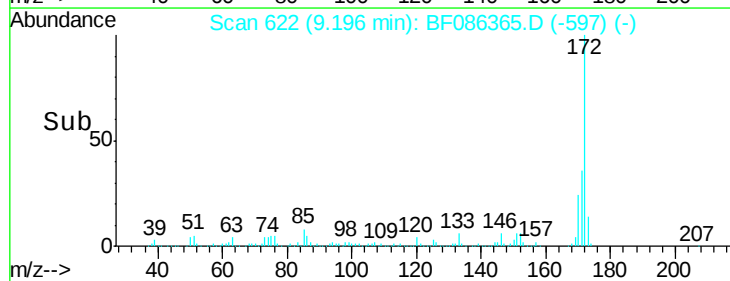
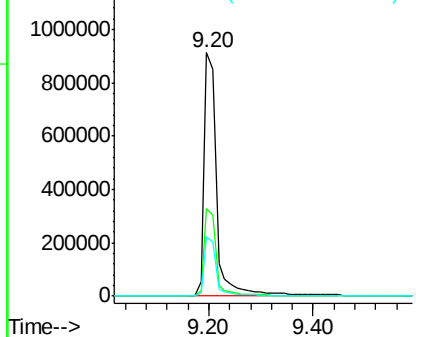


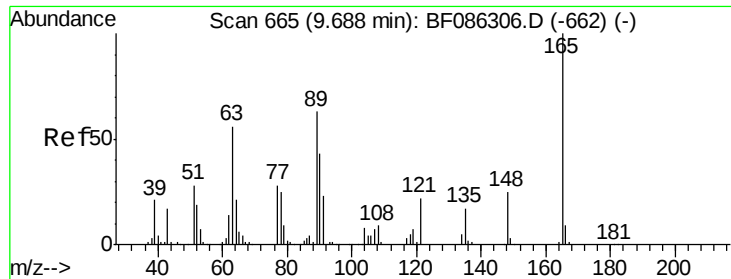
#44
 2-Fluorobiphenyl
 Concen: 74.61 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086365.D
 Acq: 23 Apr 2016 2:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.3	19.8	29.8



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

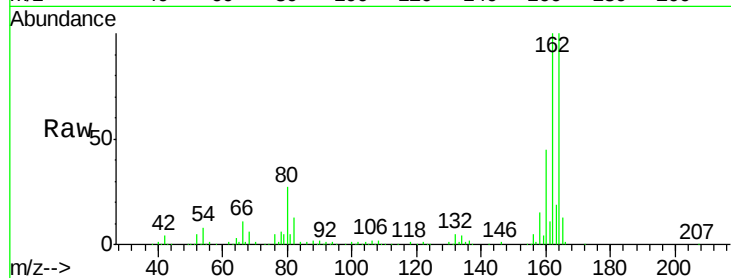




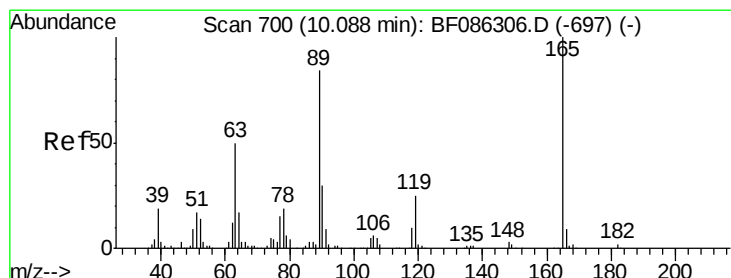
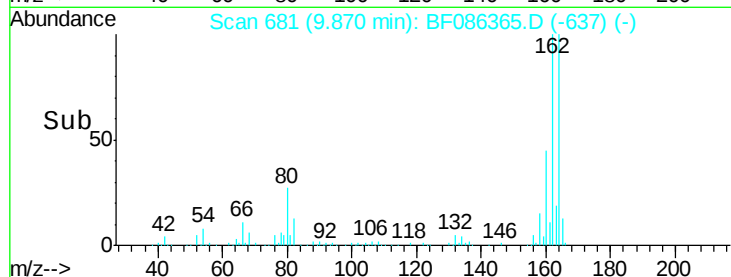
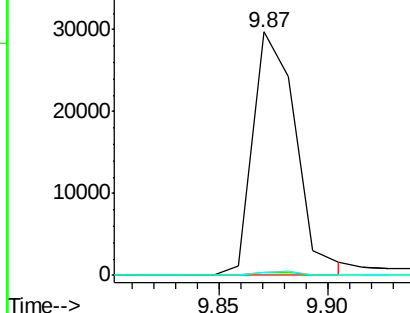
#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.21 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Instrument :
BNA_F
ClientSampleId :
PB89976BL

Tgt Ion:165 Resp: 41011
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 1.3 50.7 76.1#

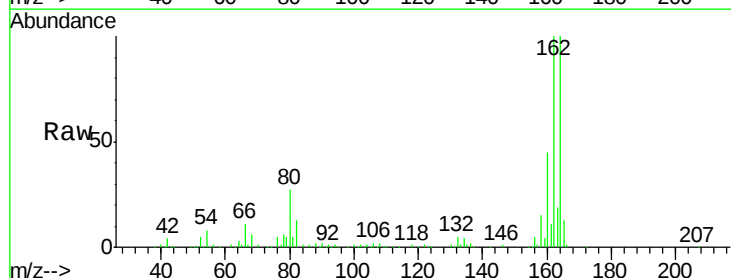


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

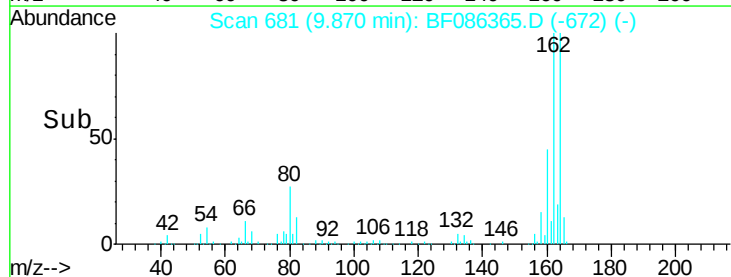
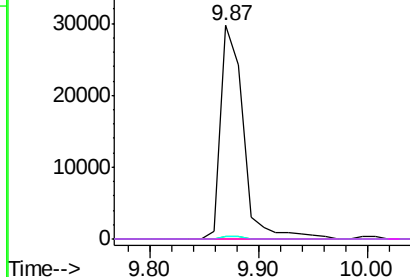


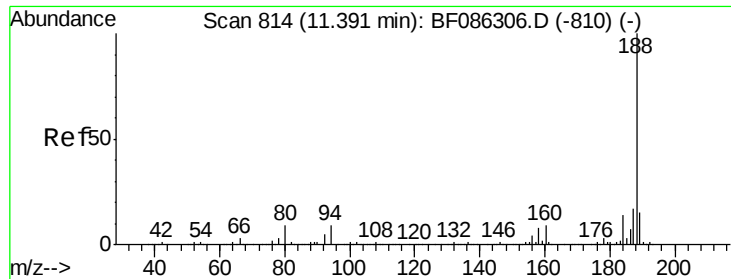
#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Tgt Ion:165 Resp: 43393
Ion Ratio Lower Upper
165 100
63 1.3 44.3 66.5#
89 1.3 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

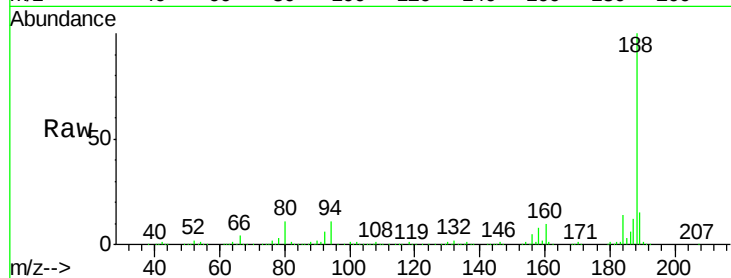




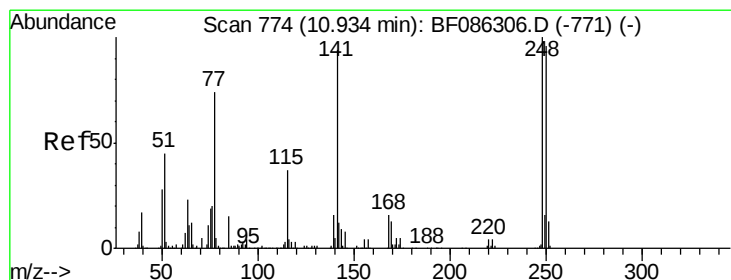
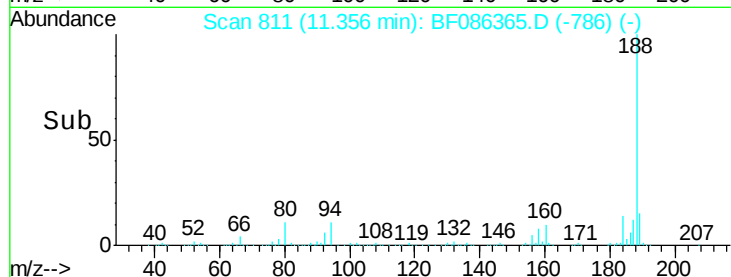
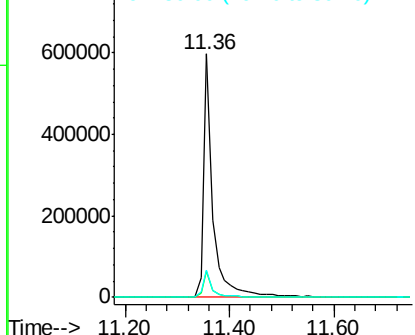
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Instrument :
BNA_F
ClientSampleId :
PB89976BL

Tgt Ion:188 Resp: 746760
Ion Ratio Lower Upper
188 100
94 10.5 6.8 10.2#
80 11.3 7.1 10.7#

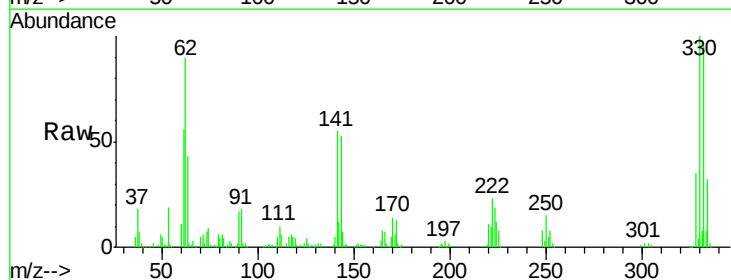


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

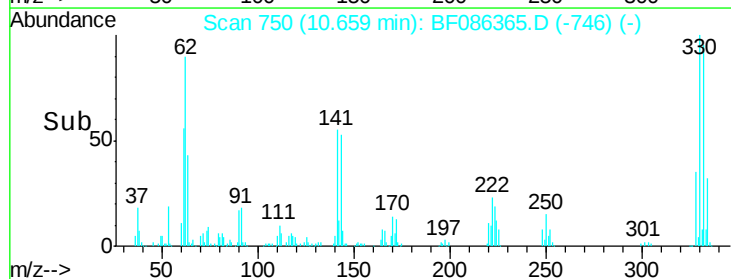
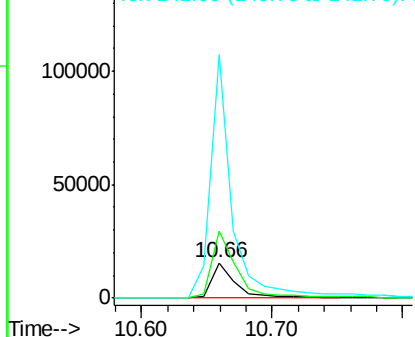


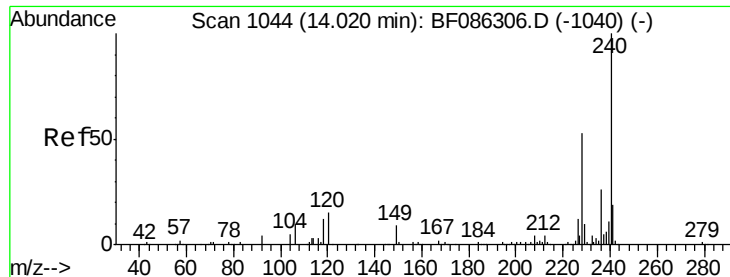
#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Tgt Ion:248 Resp: 20056
Ion Ratio Lower Upper
248 100
250 190.1 78.6 117.8#
141 690.2 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: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

PB89976BL

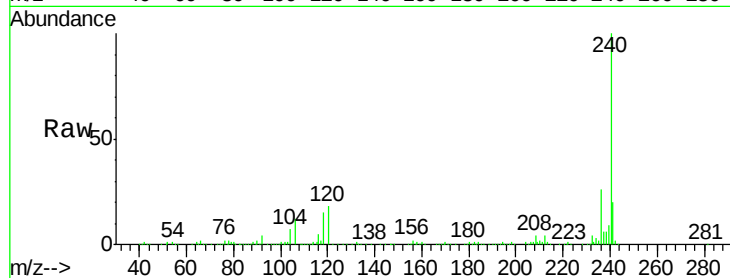
Tgt Ion:240 Resp: 647785

Ion Ratio Lower Upper

240 100

120 17.9 11.2 16.8#

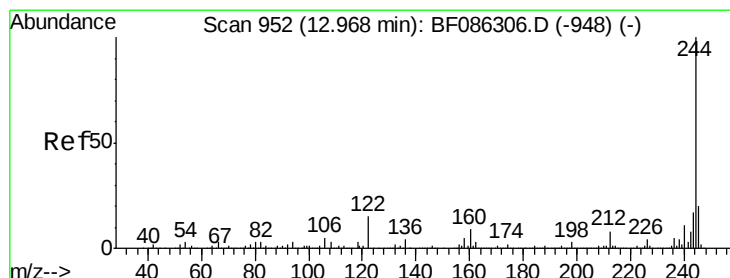
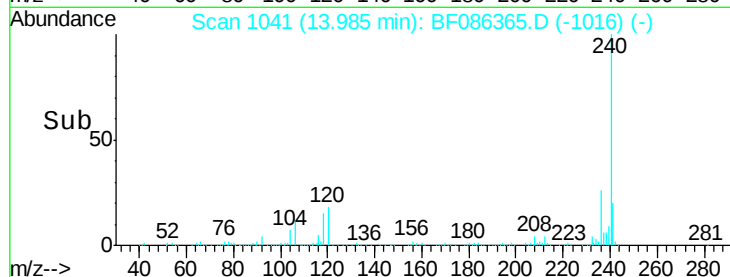
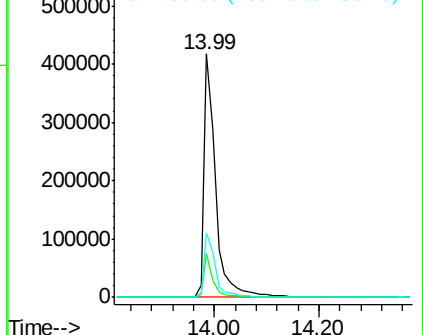
236 26.5 21.2 31.8



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: 58.01 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086365.D

Acq: 23 Apr 2016 2:24

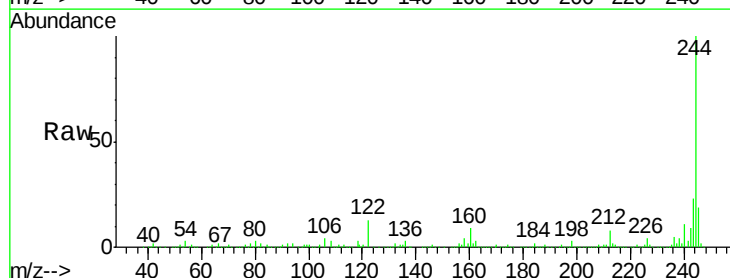
Tgt Ion:244 Resp: 1512558

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

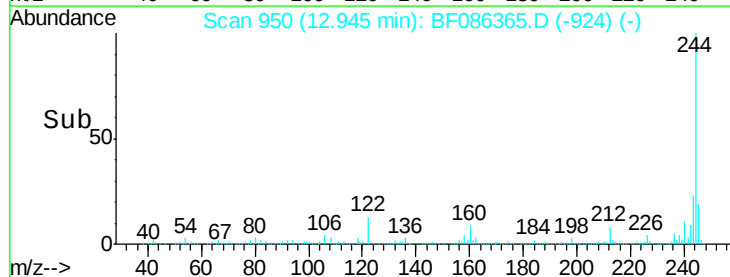
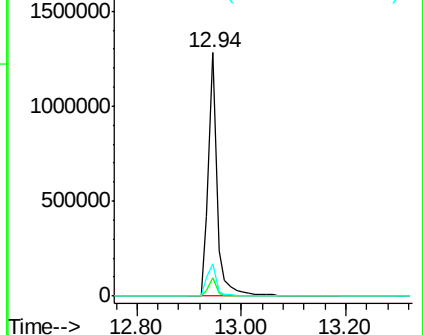
122 13.5 12.0 18.0

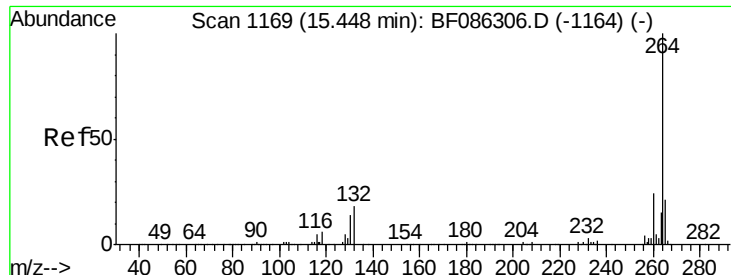


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

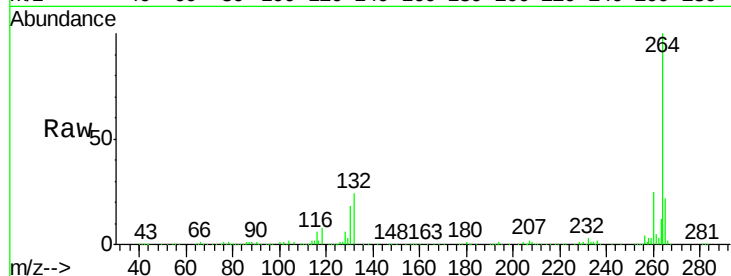




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086365.D
Acq: 23 Apr 2016 2:24

Instrument :
BNA_F
ClientSampleId :
PB89976BL

Tgt Ion: 264 Resp: 584818
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.6 17.3 25.9



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

