

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086035.D
 Acq On : 3 Apr 2016 3:21
 Operator : UM/SJ
 Sample : H2027-09
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Apr 04 01:13:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

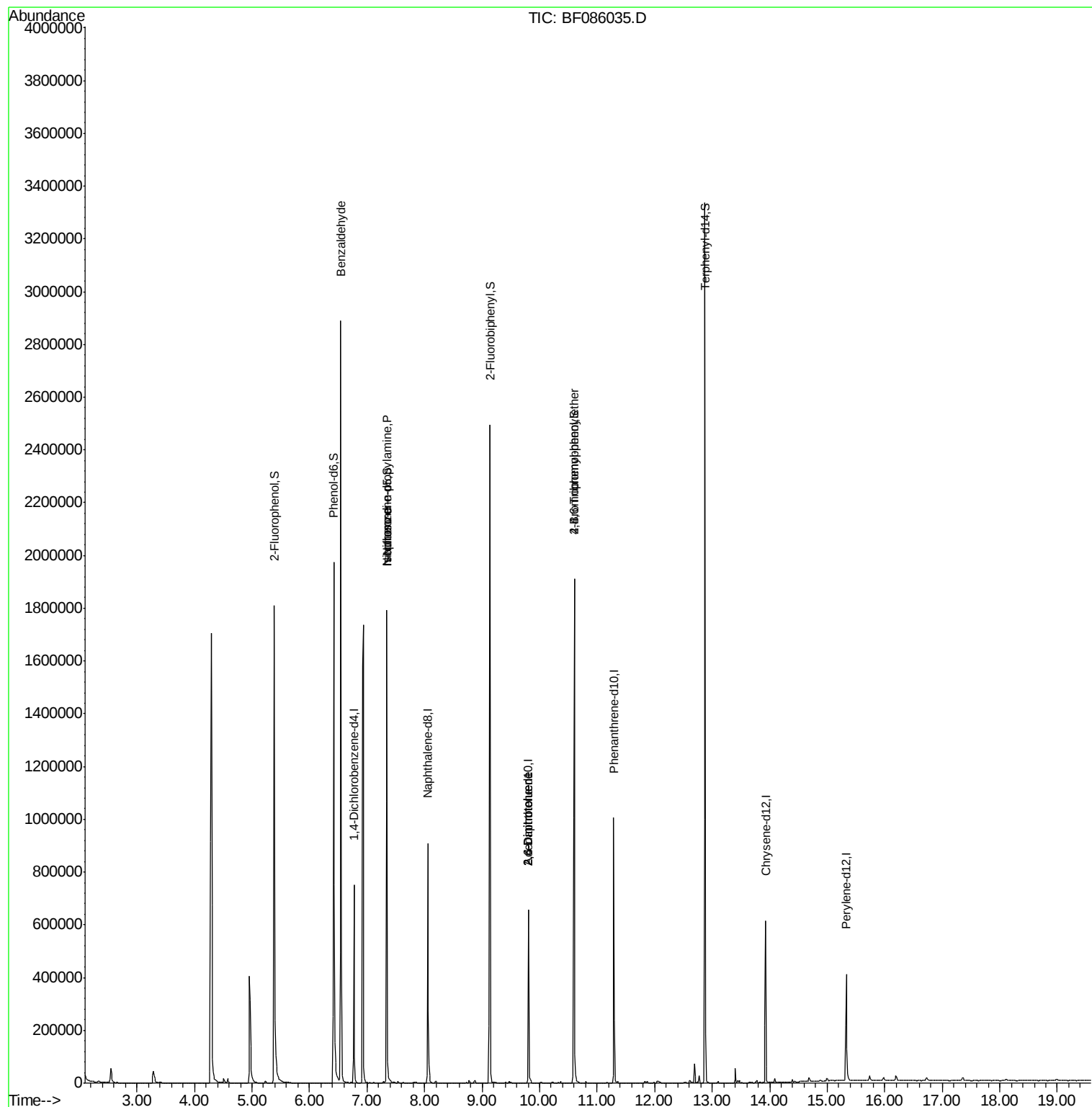
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113190	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	431762	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	186087	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	352688	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	231010	20.00	ng	0.00
86) Perylene-d12	15.33	264	181346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	875807	132.26	ng	0.02
7) Phenol-d6	6.42	99	905266	107.63	ng	0.00
23) Nitrobenzene-d5	7.34	82	752550	102.79	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	296385	169.69	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1220653	109.07	ng	0.00
78) Terphenyl-d14	12.88	244	1037830	105.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	18131	4.01	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.34	70	98241	18.84	ng	# 74
25) Isophorone	7.34	82	750432	51.92	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	23109	7.92	ng	# 18
56) 2,4-Dinitrotoluene	9.80	165	23111	6.27	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	19395	5.39	ng	# 1

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

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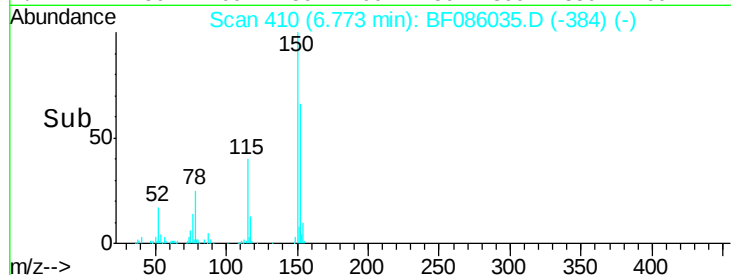
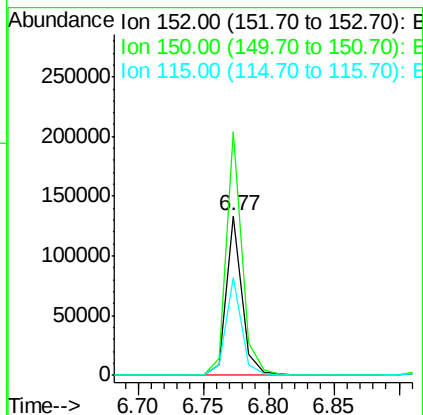
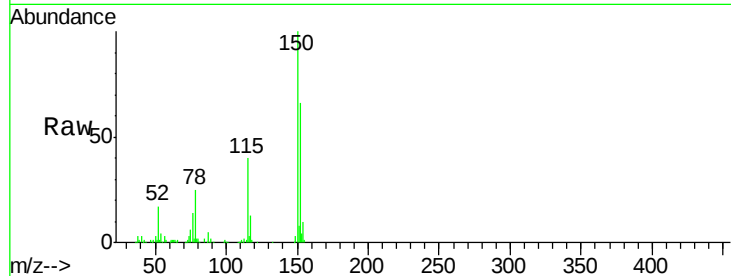


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

Instrument :
BNA_F
ClientSampleId :
DFTPP

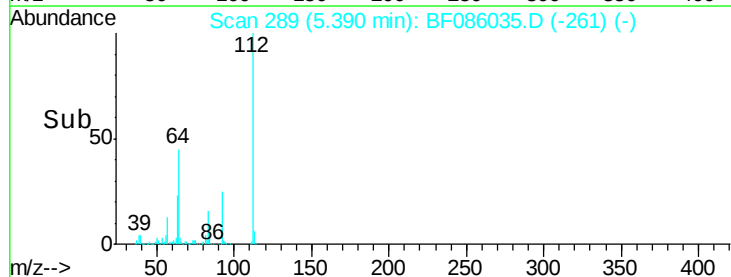
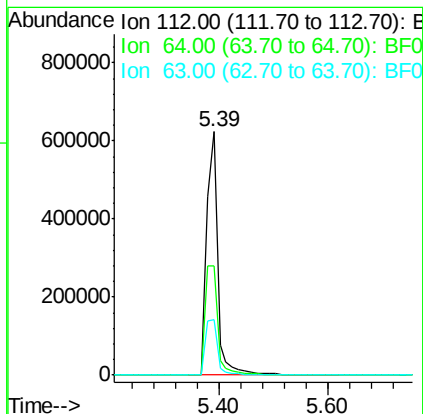
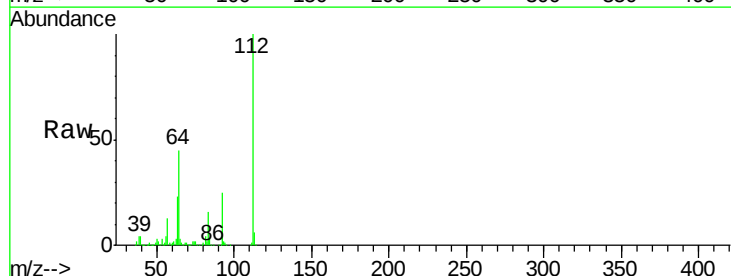
Tgt Ion:152 Resp: 113190
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.2
115 60.8 47.0 70.6



#5

2-Fluorophenol
Concen: 132.26 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.02 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

Tgt Ion:112 Resp: 875807
Ion Ratio Lower Upper
112 100
64 45.0 39.9 59.9
63 22.7 20.2 30.2





#7

Phenol-d6

Concen: 107.63 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086035.D

Acq: 3 Apr 2016 3:21

Instrument :

BNA_F

ClientSampleId :

DFTPP

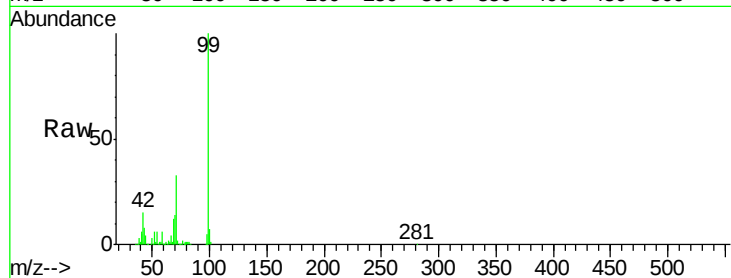
Tgt Ion: 99 Resp: 905266

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

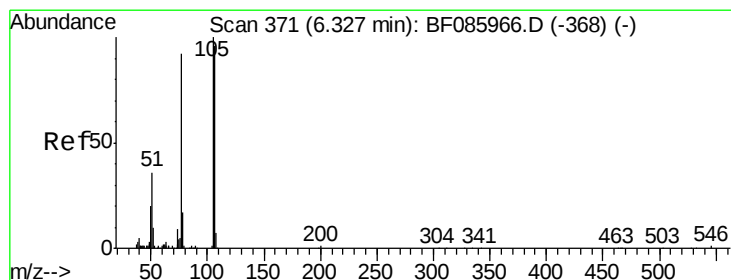
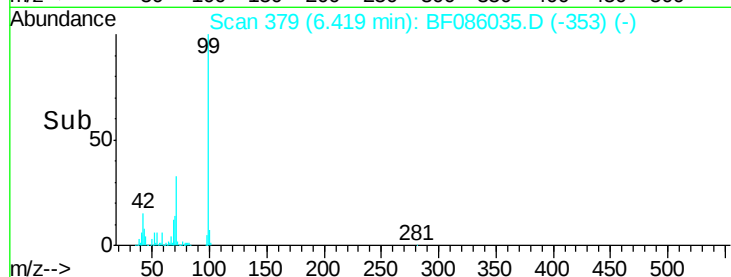
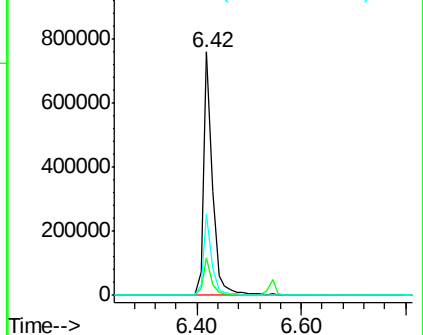
71 33.2 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.01 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086035.D

Acq: 3 Apr 2016 3:21

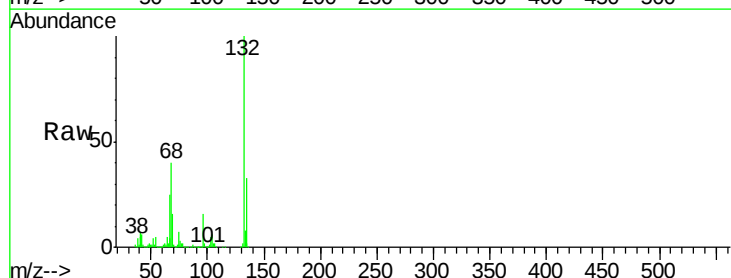
Tgt Ion: 77 Resp: 18131

Ion Ratio Lower Upper

77 100

105 80.3 80.1 120.1

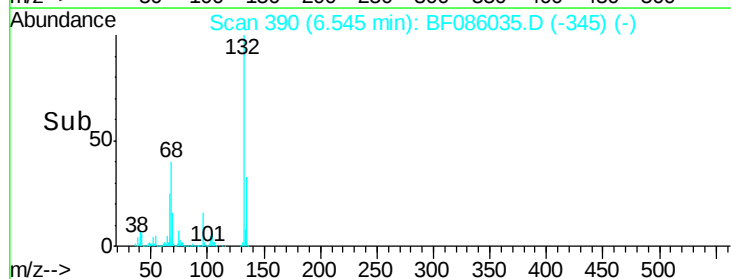
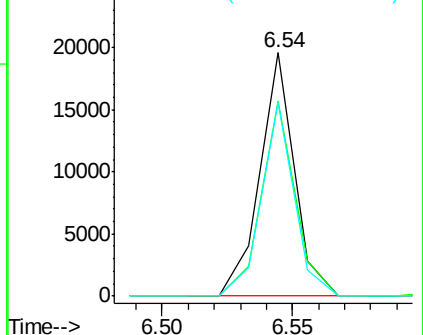
106 79.8 75.0 115.0

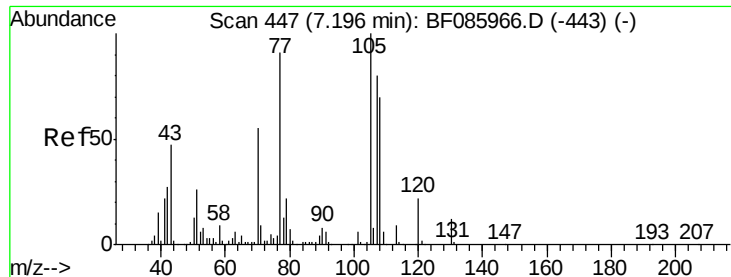


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

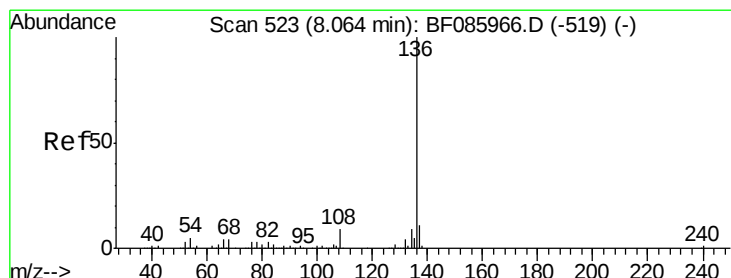
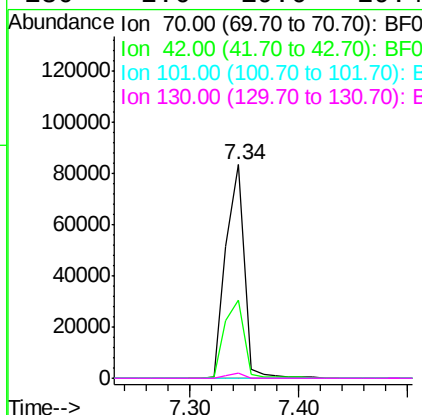
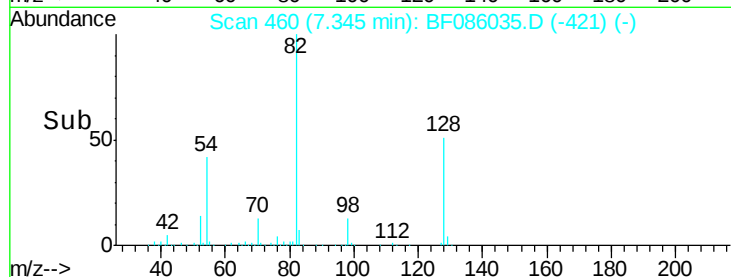
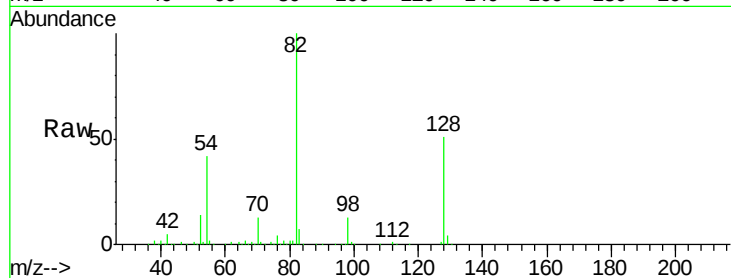




#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

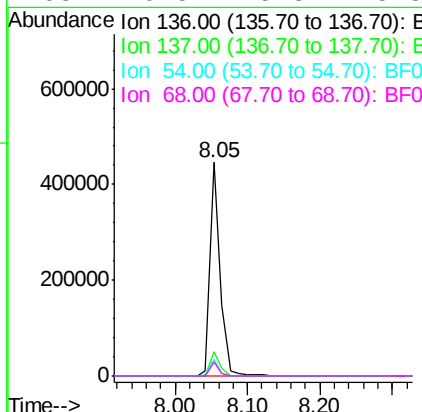
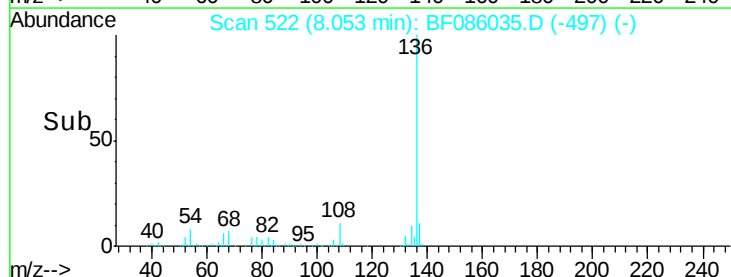
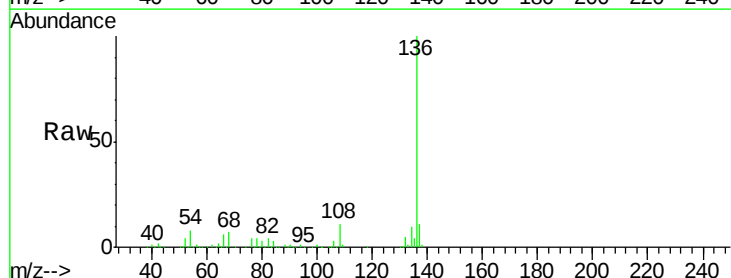
Instrument :
BNA_F
ClientSampleId :
DFTPP

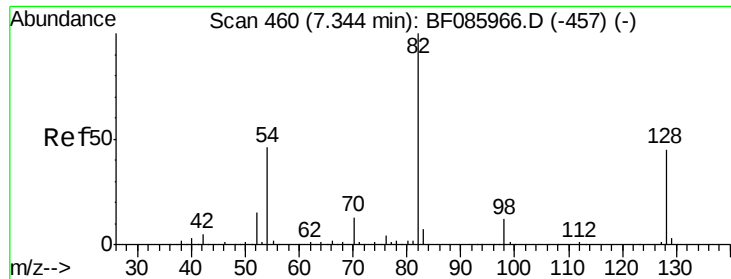
Tgt Ion: 70 Resp: 98241
Ion Ratio Lower Upper
70 100
42 36.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.6 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

Tgt Ion: 136 Resp: 431762
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.8 7.4 11.0
68 6.5 5.8 8.8

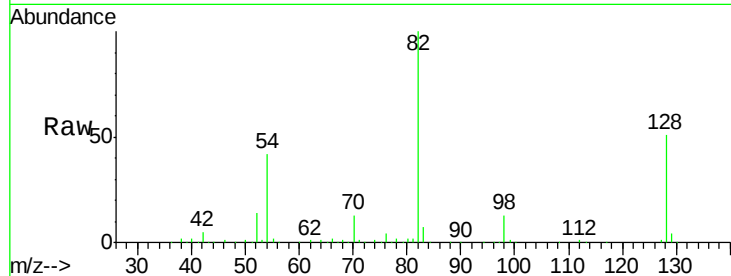




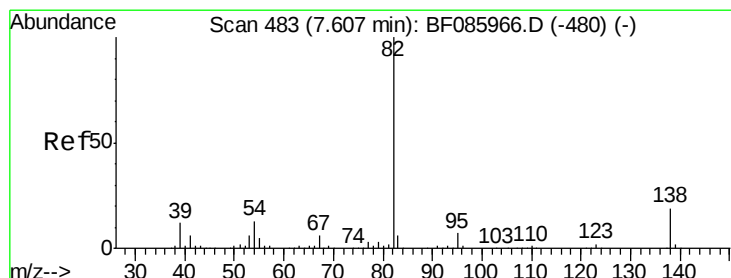
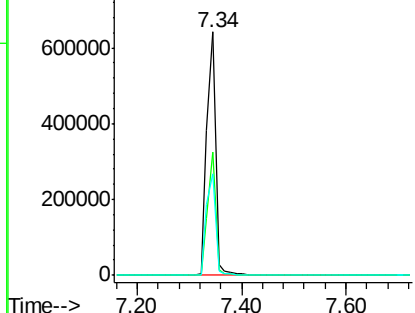
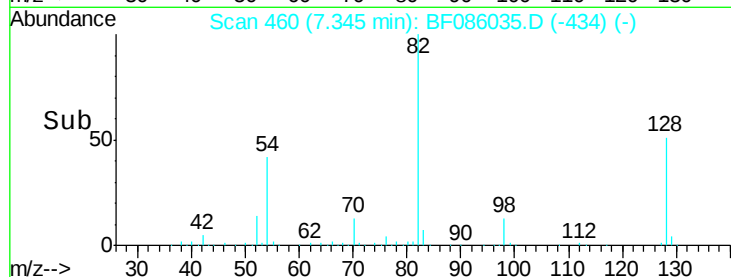
#23
 Nitrobenzene-d5
 Concen: 102.79 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086035.D
 Acq: 3 Apr 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 82 Resp: 752550
 Ion Ratio Lower Upper
 82 100
 128 50.7 41.8 62.8
 54 41.6 33.4 50.0

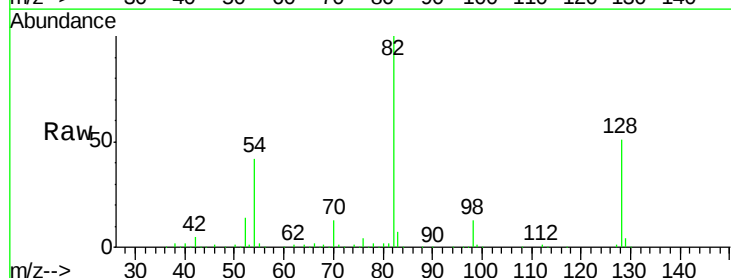


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

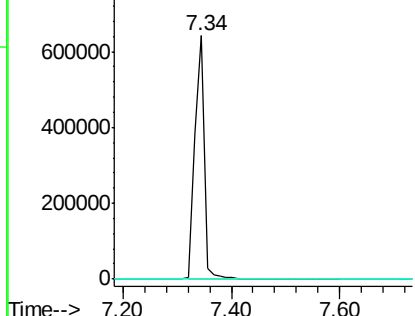
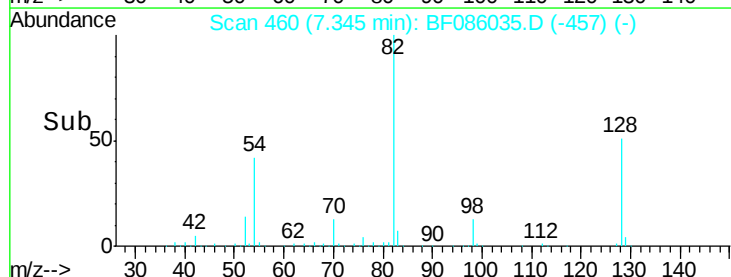


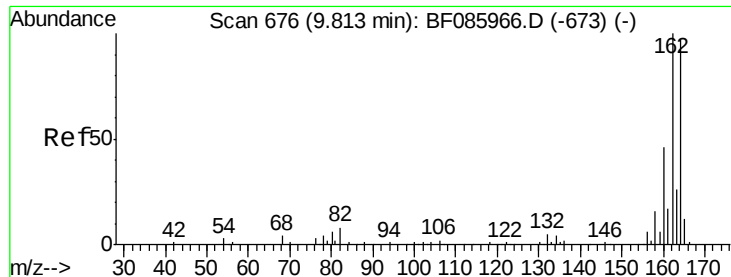
#25
 Isophorone
 Concen: 51.92 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF086035.D
 Acq: 3 Apr 2016 3:21

Tgt Ion: 82 Resp: 750432
 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

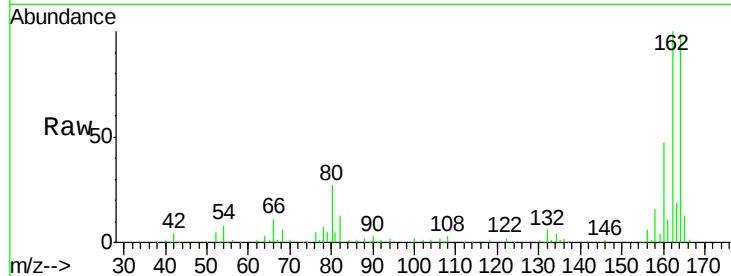




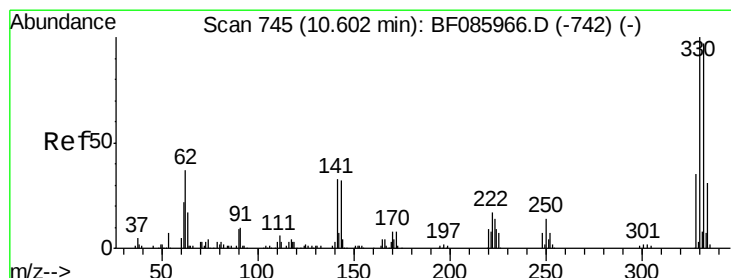
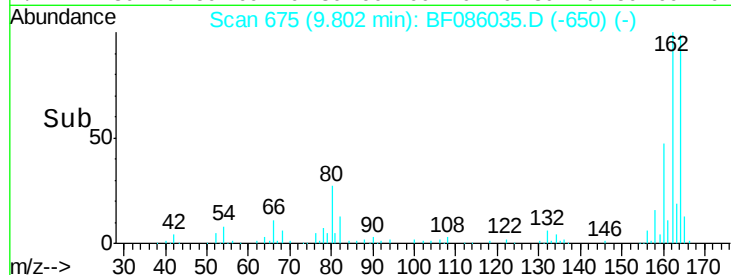
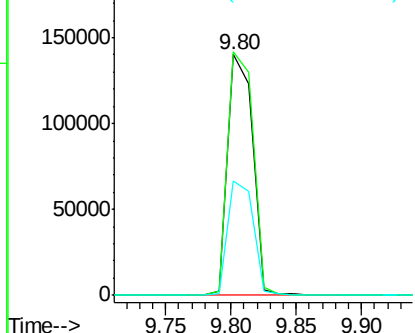
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086035.D
 Acq: 3 Apr 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:164 Resp: 186087
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.1 123.1
 160 47.5 37.4 56.2

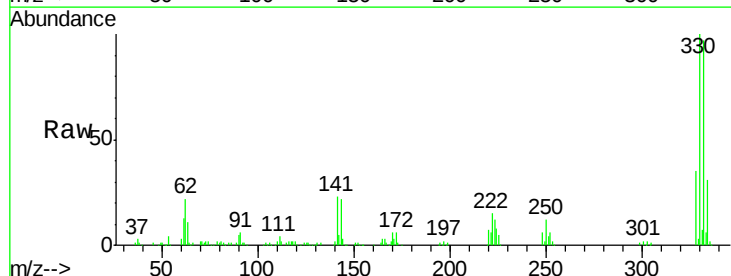


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

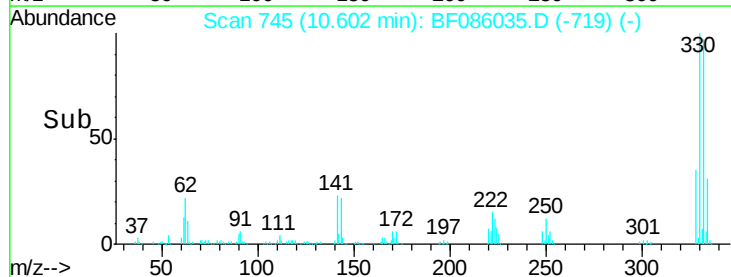
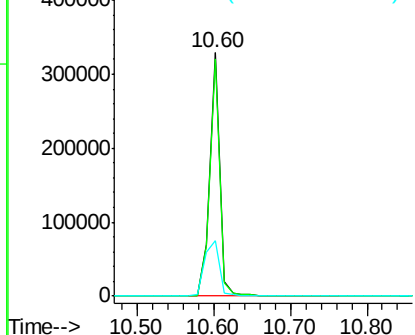


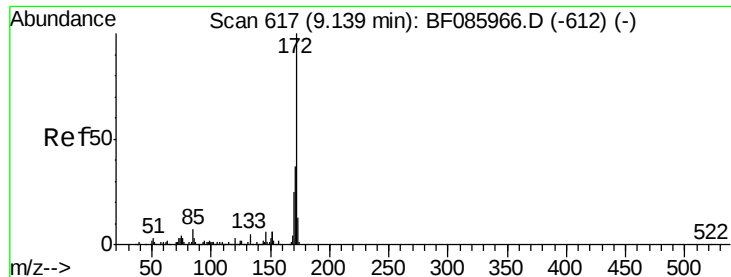
#41
 2,4,6-Tribromophenol
 Concen: 169.69 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086035.D
 Acq: 3 Apr 2016 3:21

Tgt Ion:330 Resp: 296385
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 33.5 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

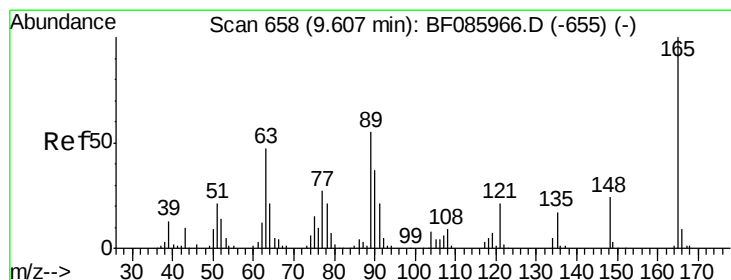
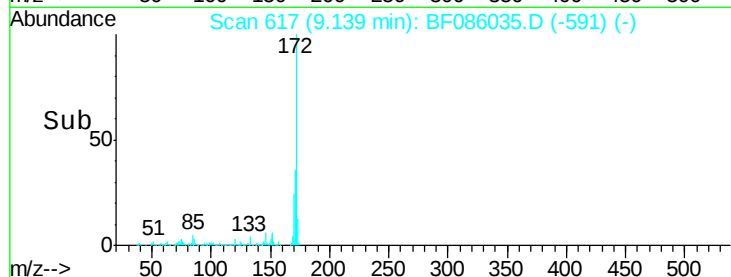
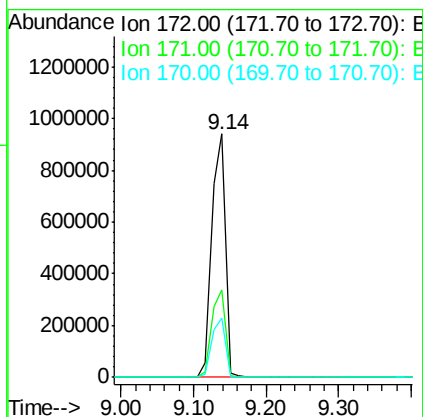
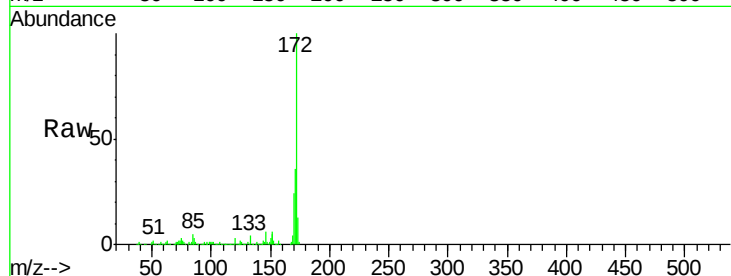




#44
2-Fluorobiphenyl
Concen: 109.07 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

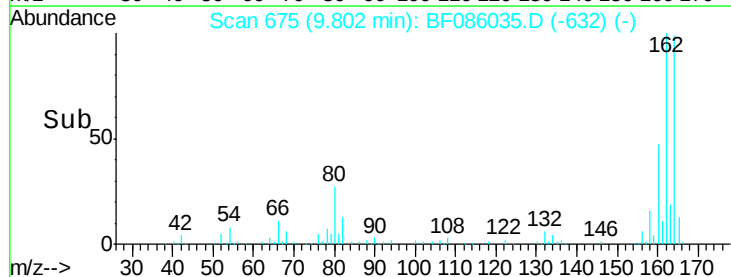
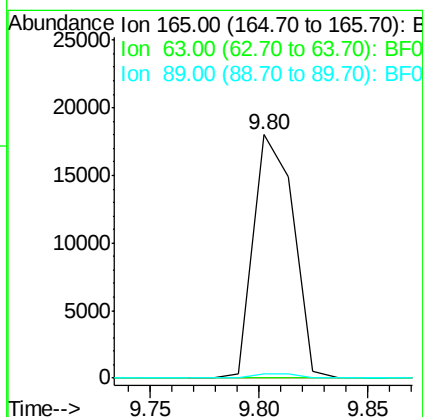
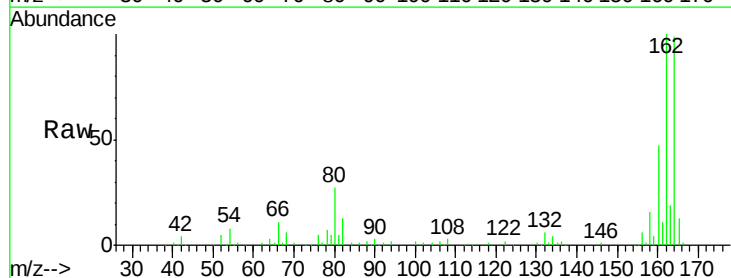
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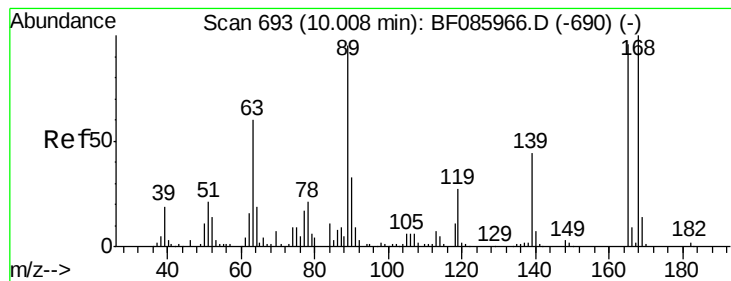
Tgt Ion:172 Resp: 1220653
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.2
170 24.1 19.8 29.6



#50
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

Tgt Ion:165 Resp: 23109
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.8#
89 1.8 53.7 80.5#





#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086035.D

Acq: 3 Apr 2016 3:21

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:165 Resp: 23111

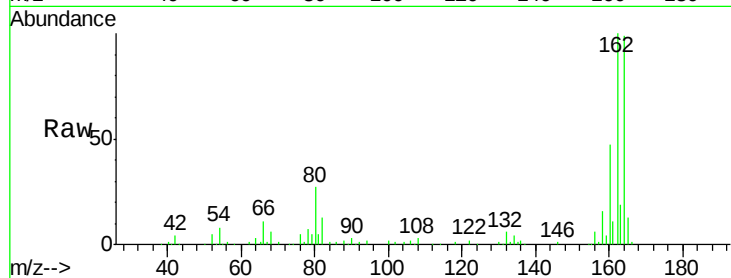
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

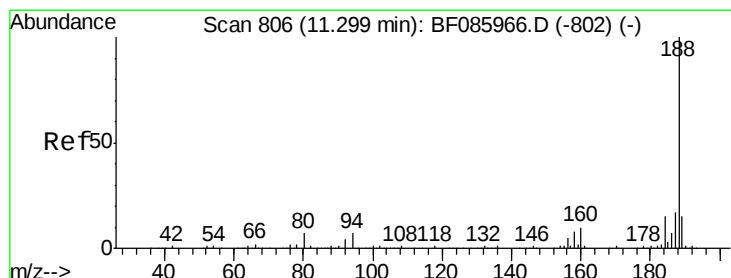
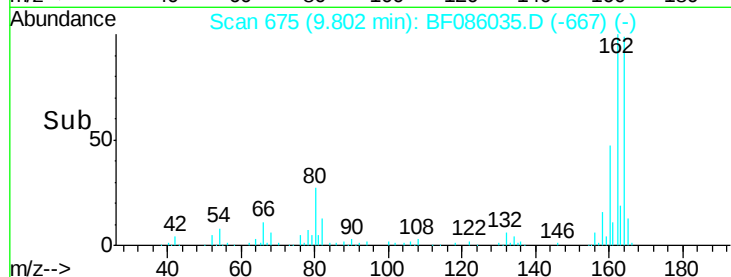
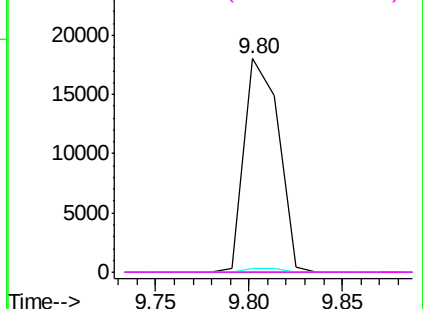


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086035.D

Acq: 3 Apr 2016 3:21

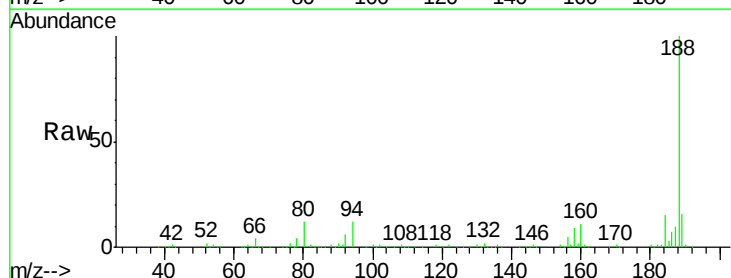
Tgt Ion:188 Resp: 352688

Ion Ratio Lower Upper

188 100

94 11.7 5.4 8.0#

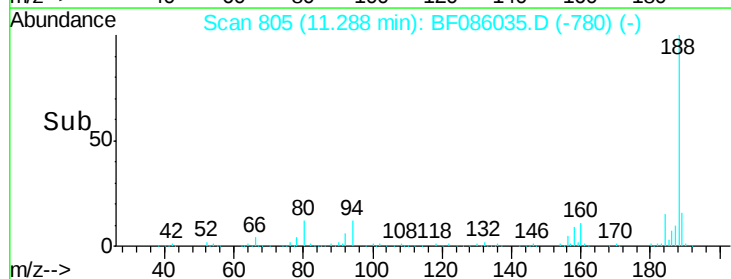
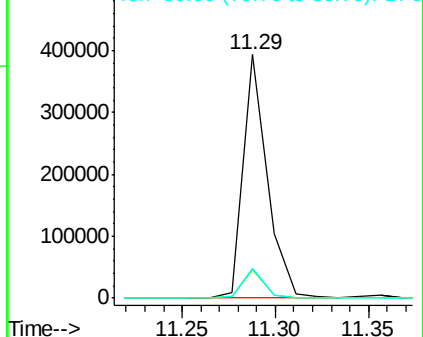
80 12.5 5.5 8.3#

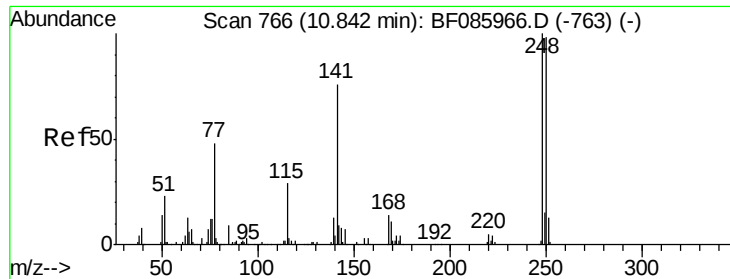


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

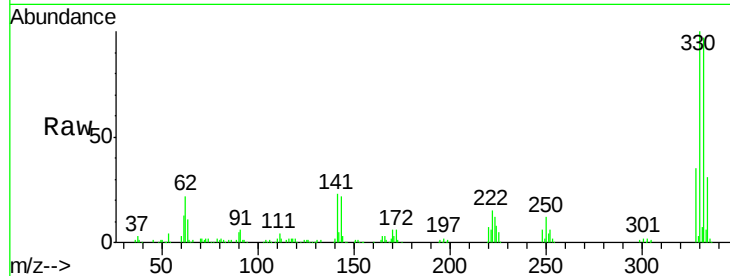




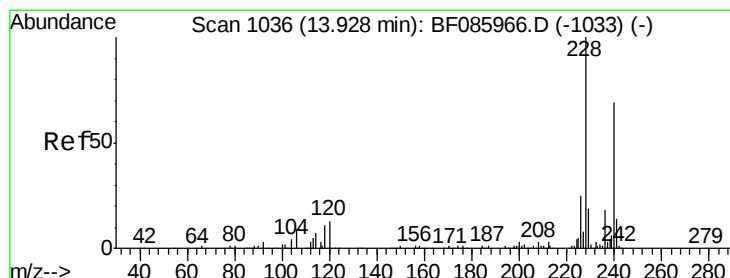
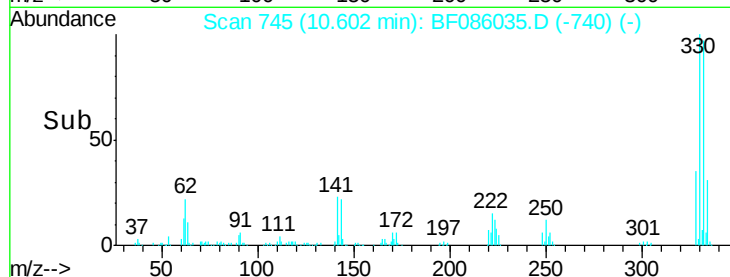
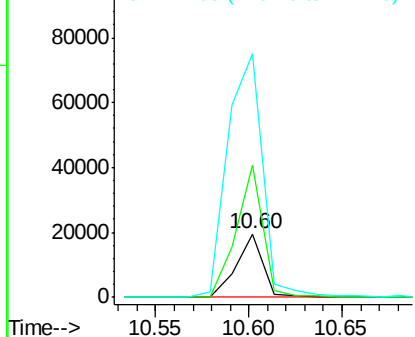
#66
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 19395
Ion Ratio Lower Upper
248 100
250 207.1 77.4 116.0#
141 382.2 63.6 95.4#

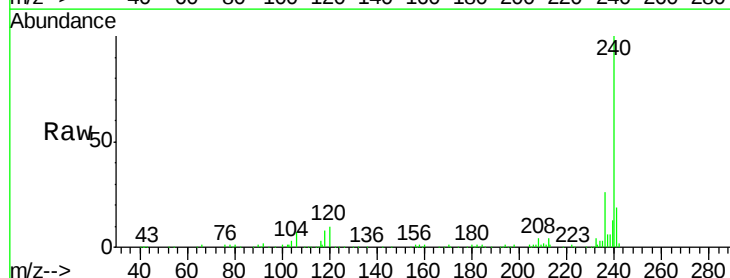


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

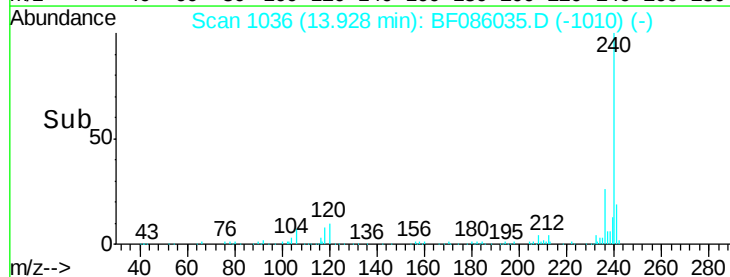
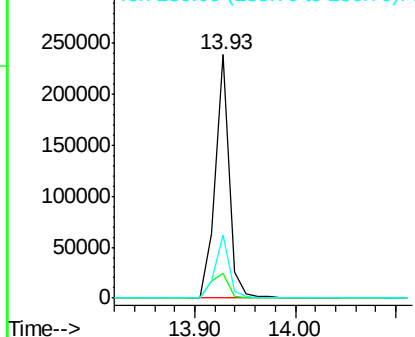


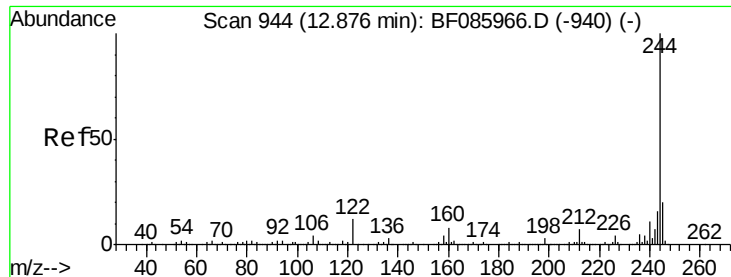
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086035.D
Acq: 3 Apr 2016 3:21

Tgt Ion:240 Resp: 231010
Ion Ratio Lower Upper
240 100
120 10.2 13.8 20.8#
236 26.1 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: 105.61 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086035.D

Acq: 3 Apr 2016 3:21

Instrument :

BNA_F

ClientSampleId :

DFTPP

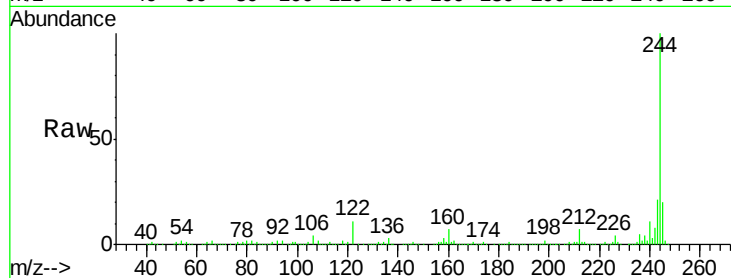
Tgt Ion:244 Resp: 1037830

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

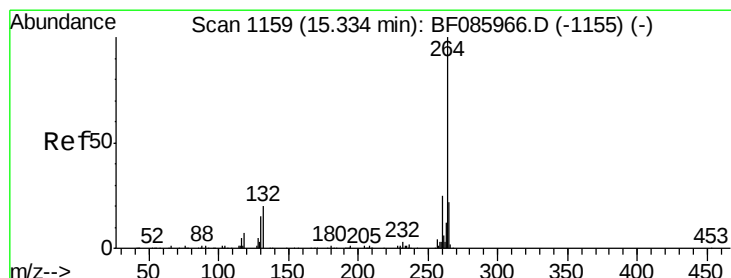
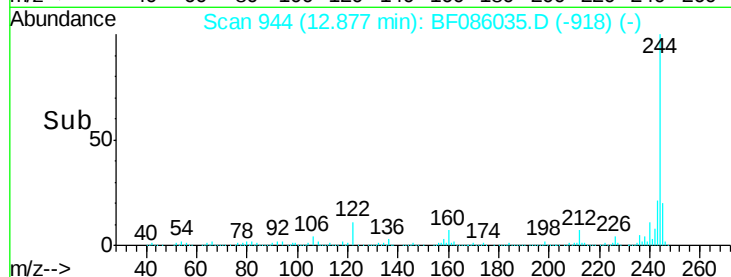
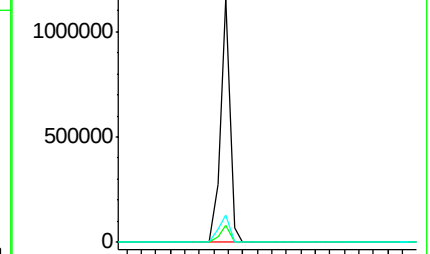
122 11.1 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF086035.D

Acq: 3 Apr 2016 3:21

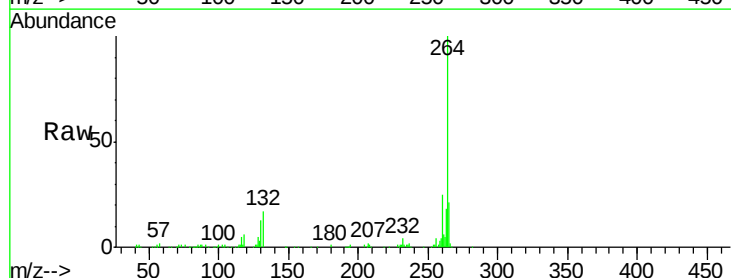
Tgt Ion:264 Resp: 181346

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

265 20.8 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

