

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086951.D
 Acq On : 13 May 2016 1:16
 Operator : UM/SJ
 Sample : H2977-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-21-0.5-6.0

Quant Time: May 13 02:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

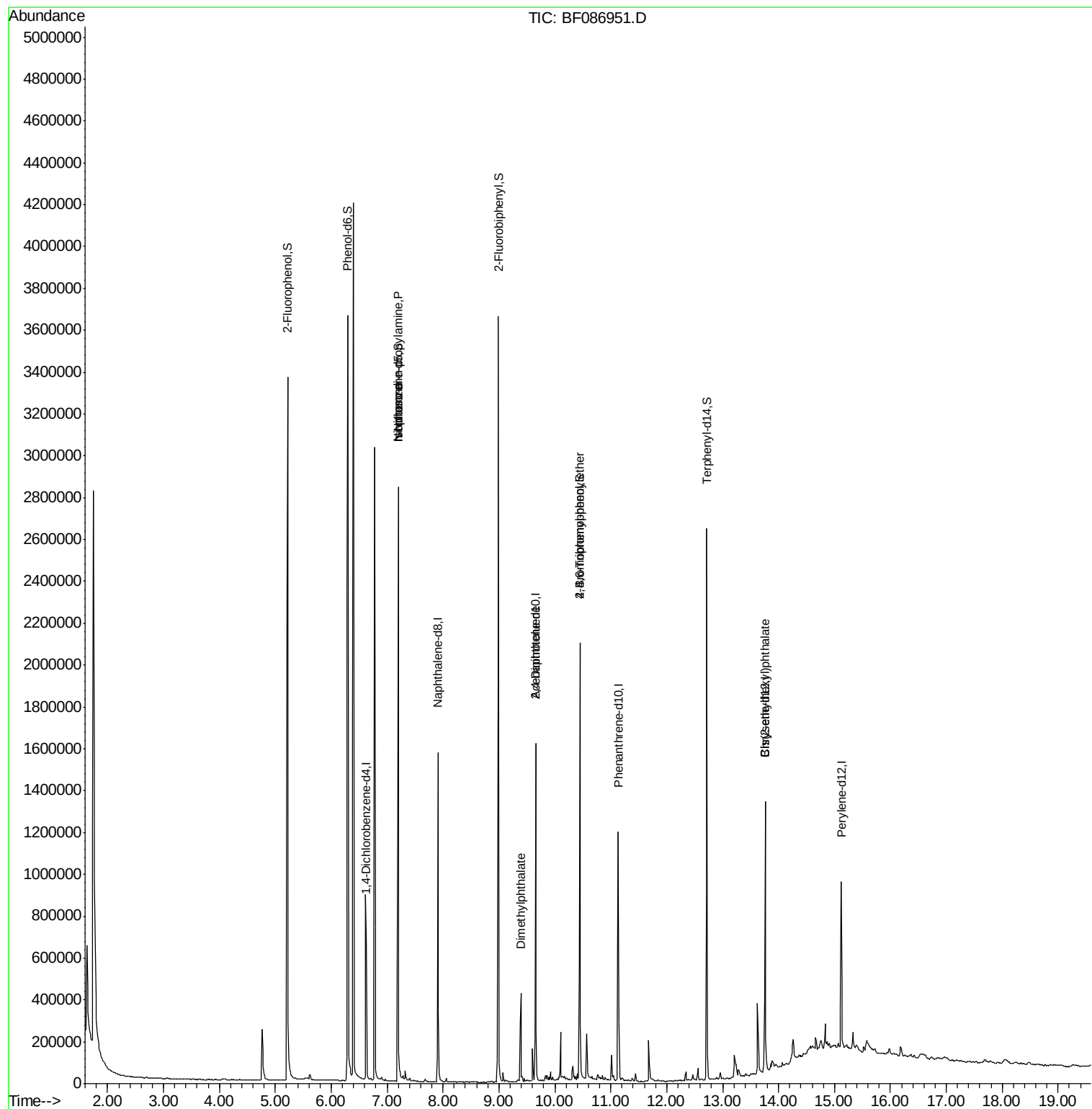
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	165501	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	654645	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	286519	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	414933	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	382673	20.00	ng	-0.01
86) Perylene-d12	15.12	264	327781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1062230	108.69	ng	0.01
7) Phenol-d6	6.30	99	1410526	108.00	ng	0.00
23) Nitrobenzene-d5	7.20	82	925921	71.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	210228	69.31	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1295416	75.99	ng	0.00
78) Terphenyl-d14	12.72	244	784585	43.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	131124	14.37	ng	# 74
25) Isophorone	7.20	82	908294	37.55	ng	# 68
49) Dimethylphthalate	9.39	163	208600	9.54	ng	98
56) 2,4-Dinitrotoluene	9.66	165	37099	6.52	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	13526	3.22	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.76	149	32187	2.16	ng	98

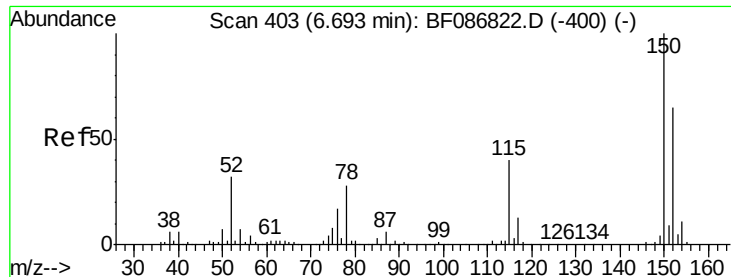
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

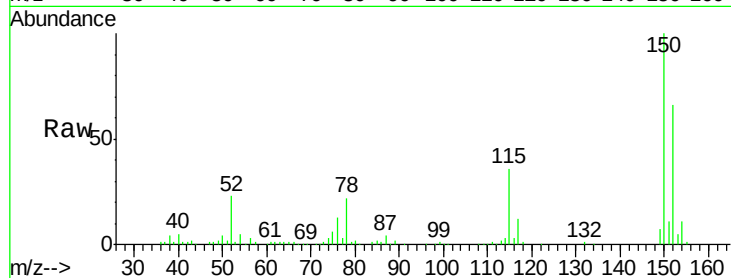
Tgt Ion:152 Resp: 165501

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

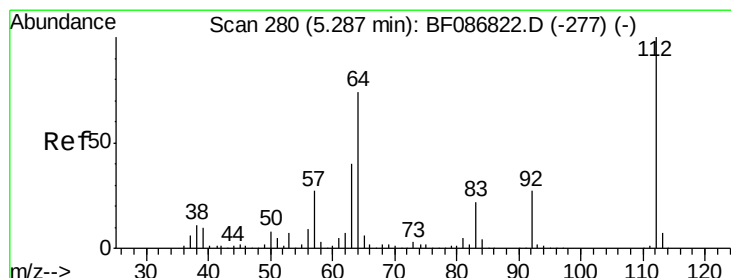
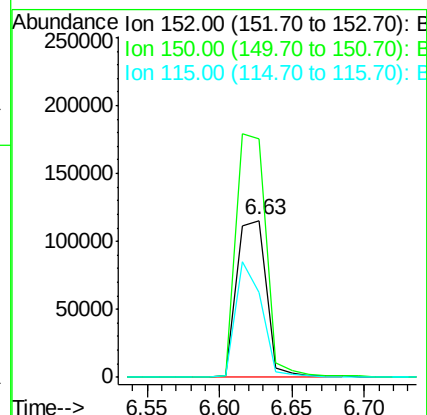
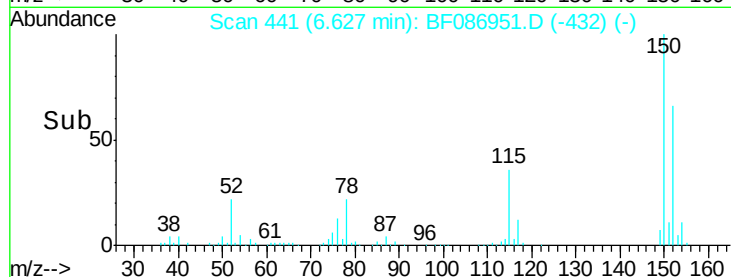
115 54.2 51.5 77.3



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: 108.69 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

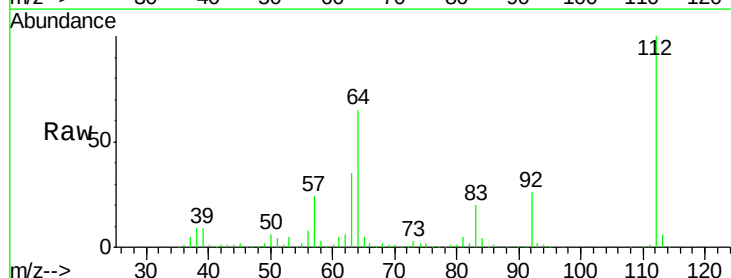
Tgt Ion:112 Resp: 1062230

Ion Ratio Lower Upper

112 100

64 65.0 52.1 78.1

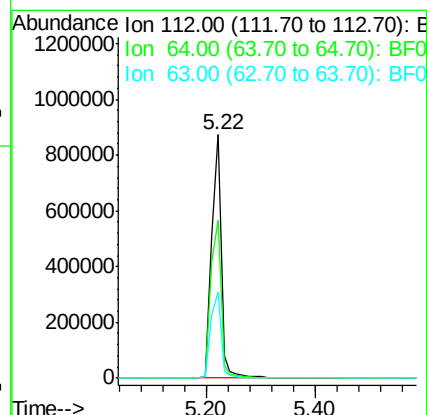
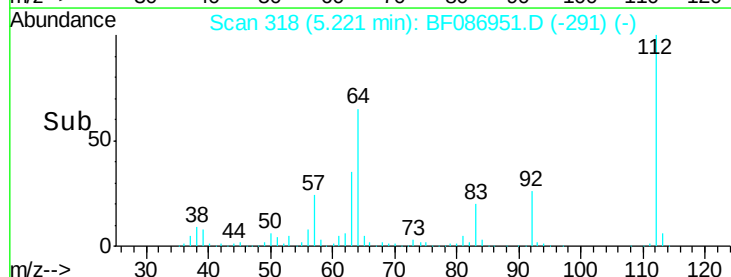
63 35.3 25.7 38.5

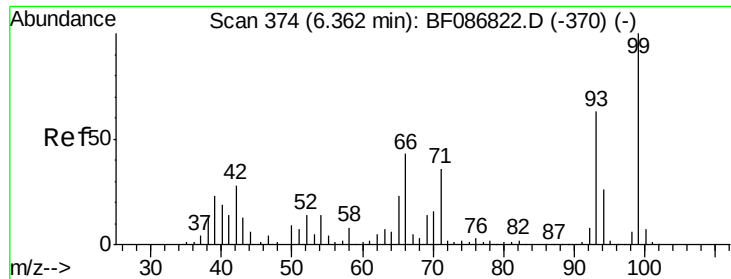


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.00 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

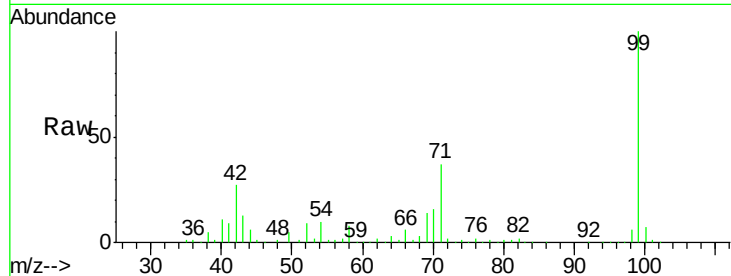
Tgt Ion: 99 Resp: 1410526

Ion Ratio Lower Upper

99 100

42 27.0 13.6 20.4#

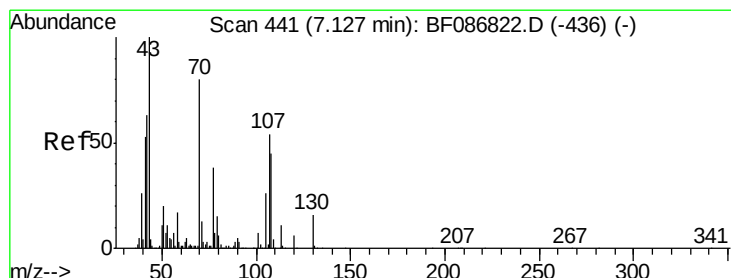
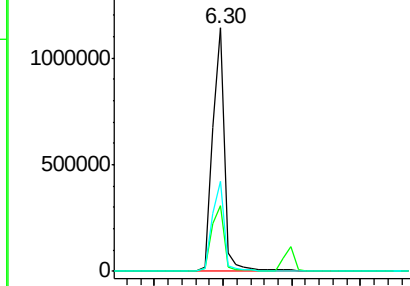
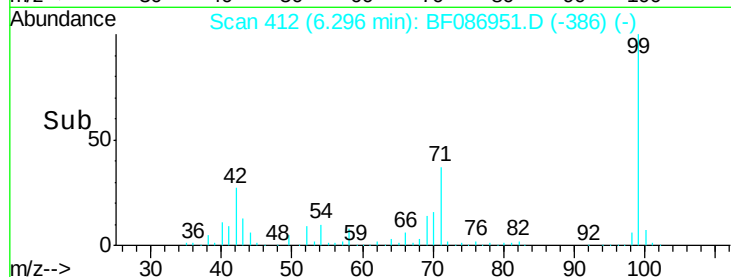
71 37.2 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.37 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.14 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Tgt Ion: 70 Resp: 131124

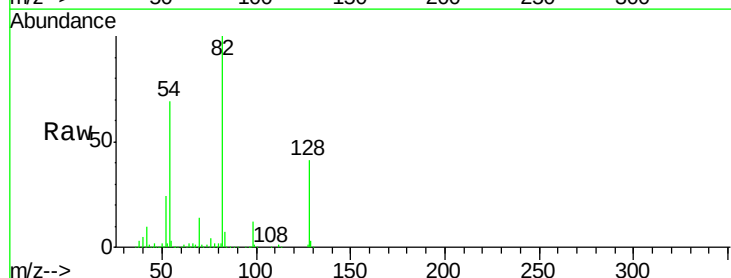
Ion Ratio Lower Upper

70 100

42 66.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

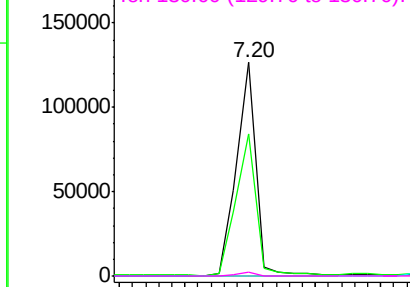
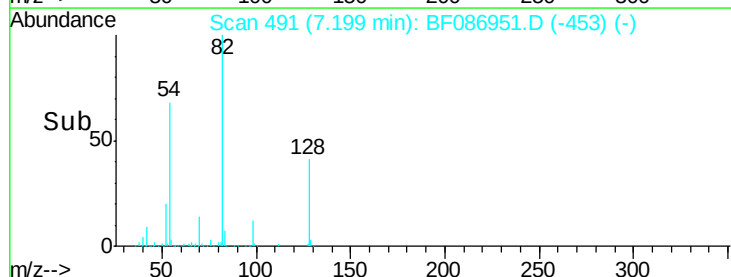


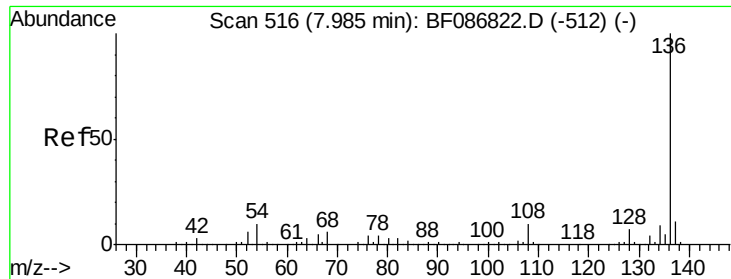
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

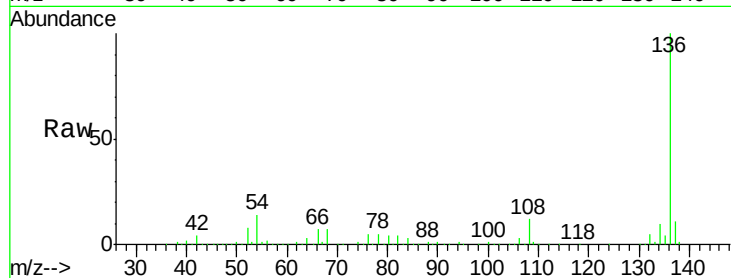




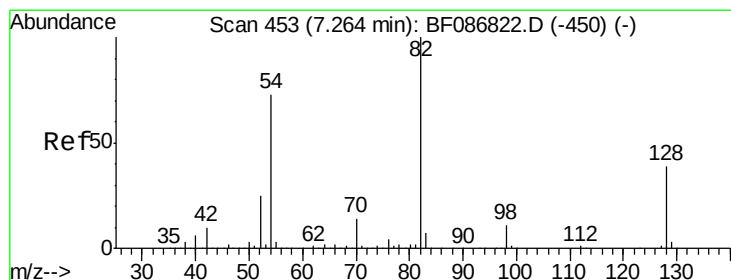
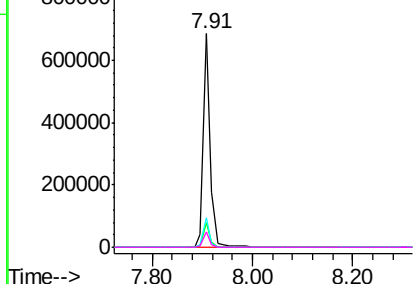
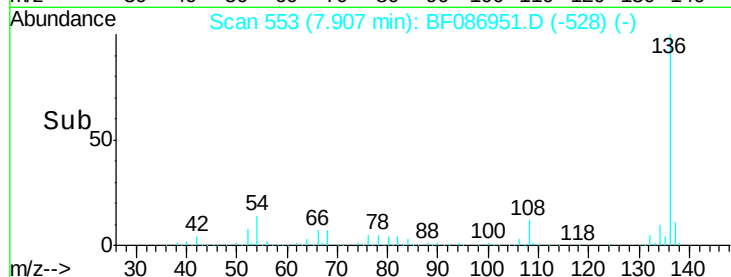
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086951.D
Acq: 13 May 2016 1:16

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-21-0.5-6.0

Tgt Ion:	136	Resp:	654645
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.9	5.0	7.4#
68	7.3	4.4	6.6#

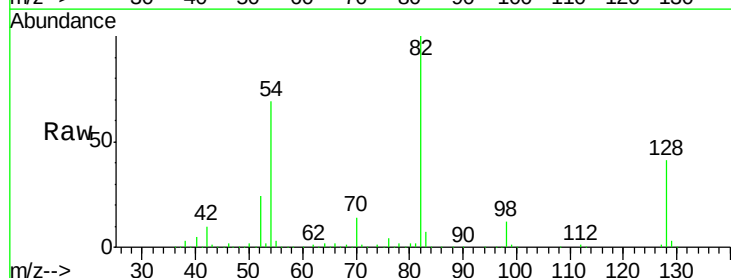


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

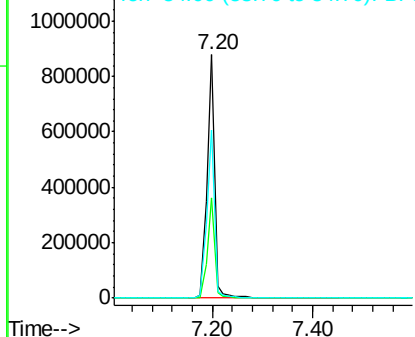
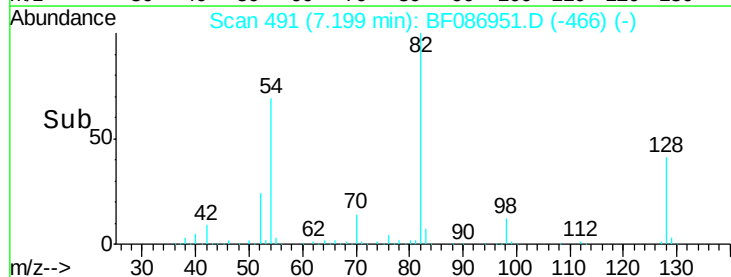


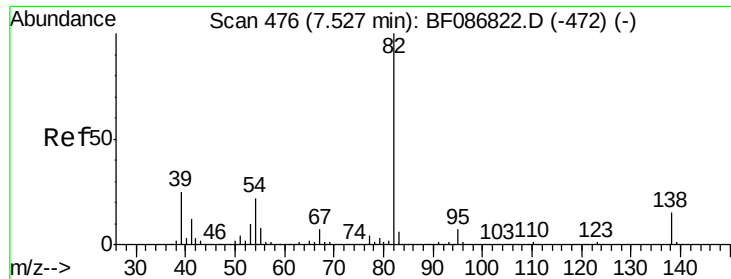
#23
Nitrobenzene-d5
Concen: 71.02 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF086951.D
Acq: 13 May 2016 1:16

Tgt Ion:	82	Resp:	925921
Ion	Ratio	Lower	Upper
82	100		
128	41.0	40.6	61.0
54	69.2	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





#25

Isophorone

Concen: 37.55 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.26 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

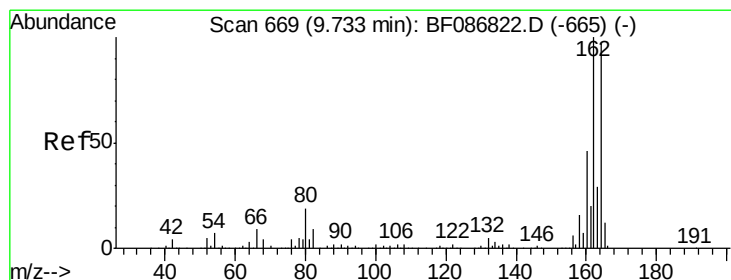
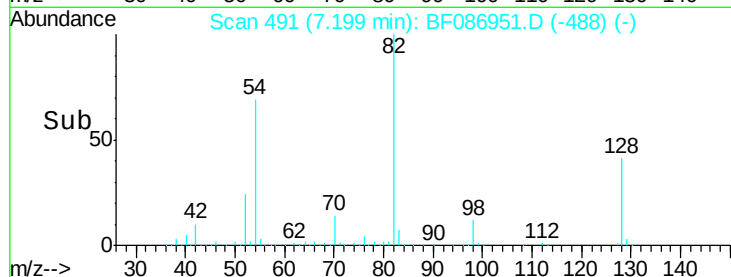
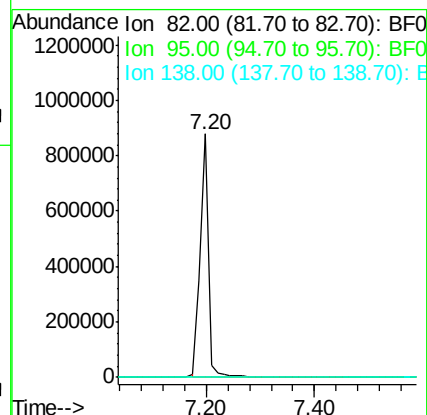
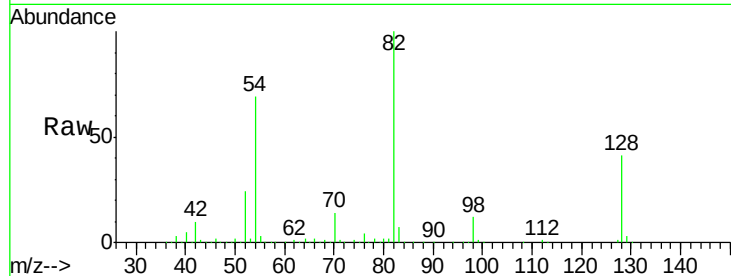
Tgt Ion: 82 Resp: 908294

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

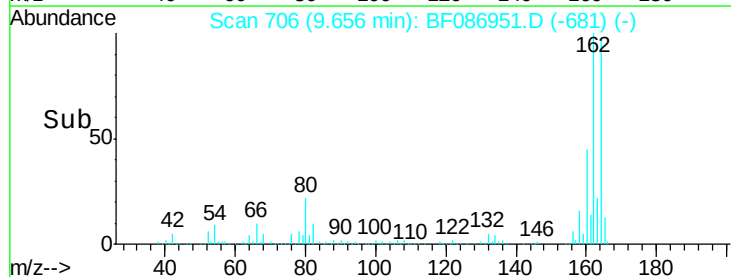
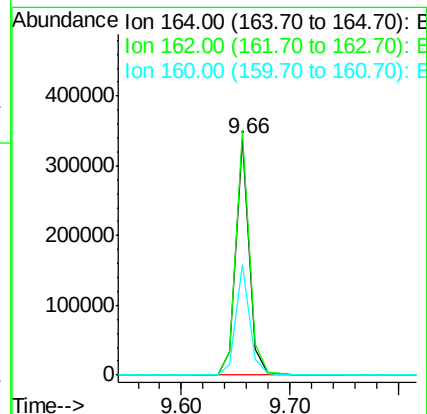
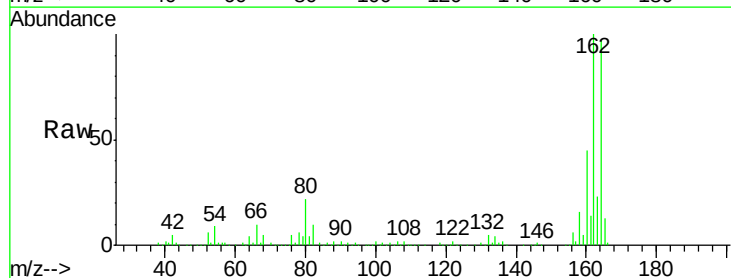
Tgt Ion: 164 Resp: 286519

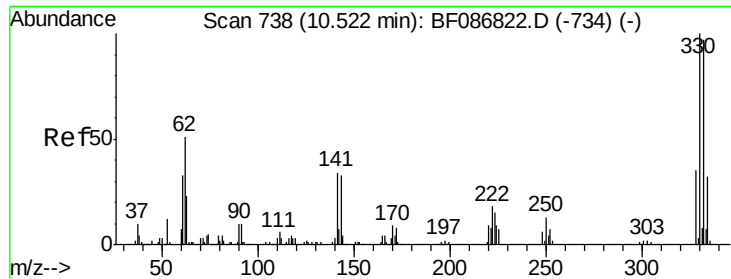
Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

160 46.7 36.9 55.3

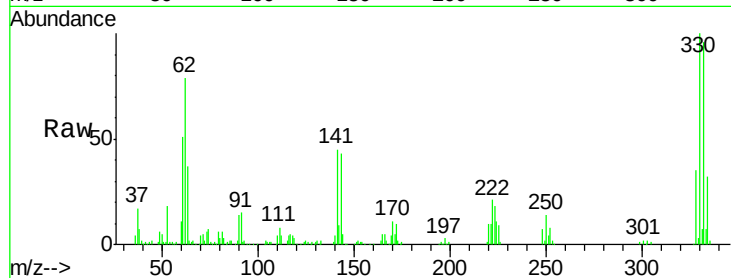




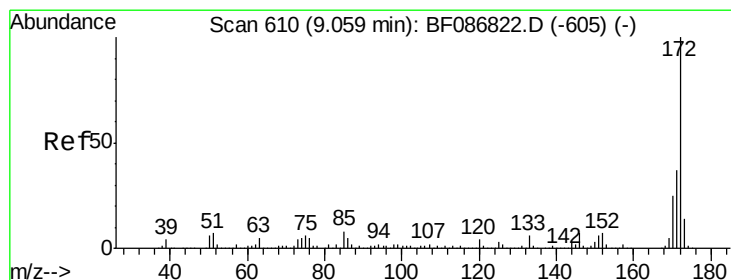
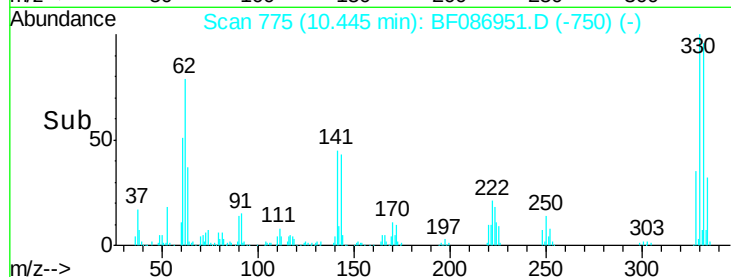
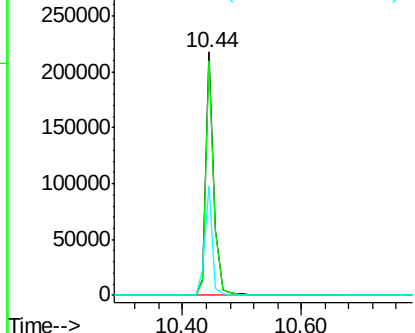
#41
 2,4,6-Tribromophenol
 Concen: 69.31 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086951.D
 Acq: 13 May 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-21-0.5-6.0

Tgt Ion:330 Resp: 210228
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.6 31.2 46.8

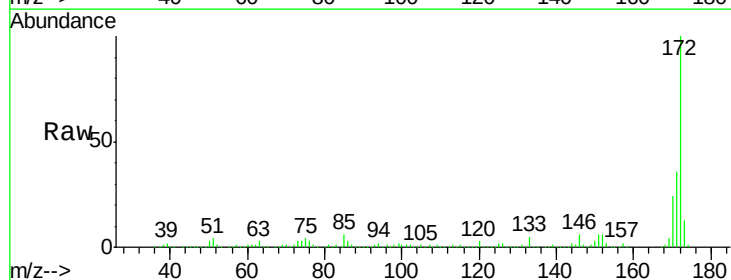


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

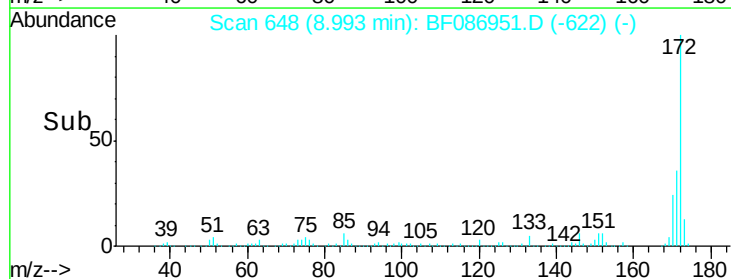
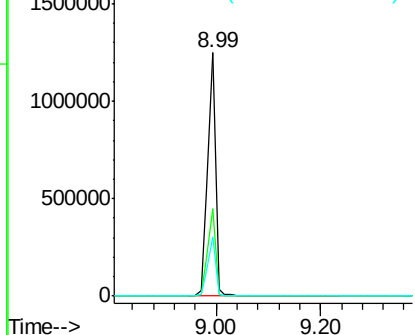


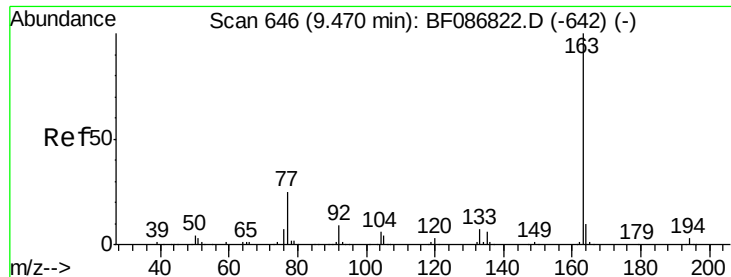
#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086951.D
 Acq: 13 May 2016 1:16

Tgt Ion:172 Resp: 1295416
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.2 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





#49

Dimethylphthalate

Concen: 9.54 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

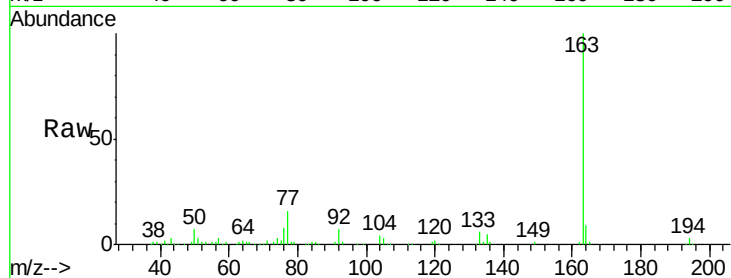
Tgt Ion:163 Resp: 208600

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

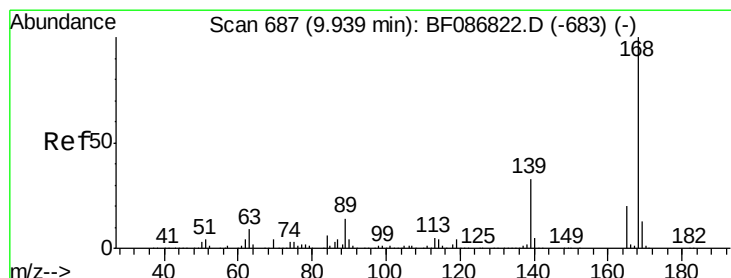
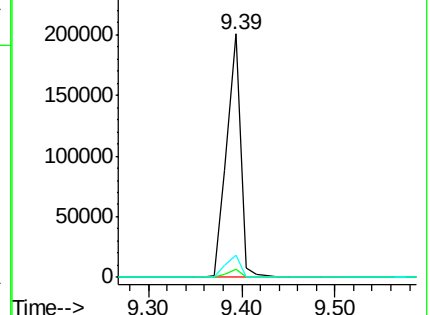
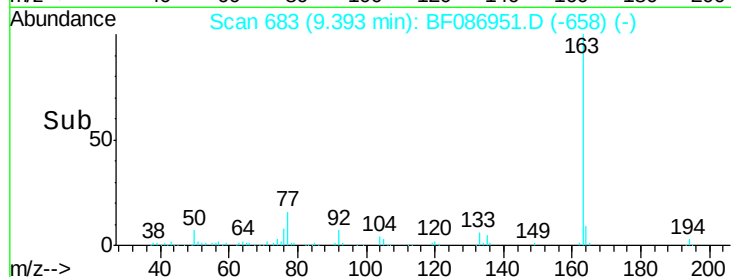
164 9.2 8.2 12.4



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: 6.52 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.22 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Tgt Ion:165 Resp: 37099

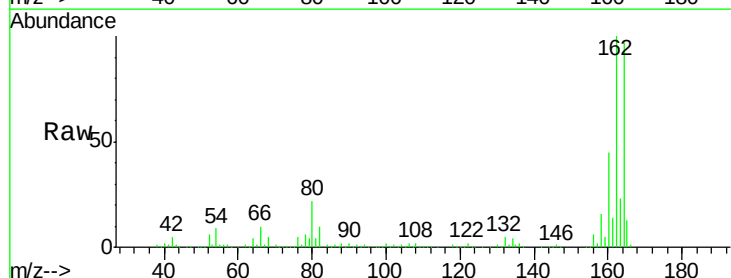
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

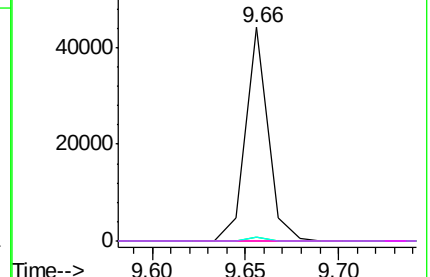
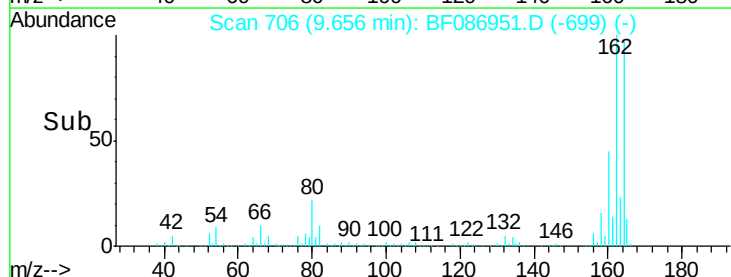


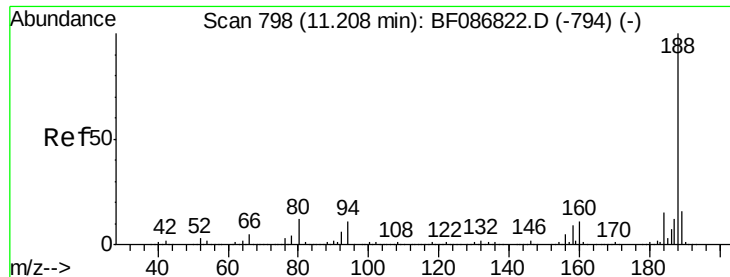
Abundance Ion 165.00 (164.70 to 165.70): E

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

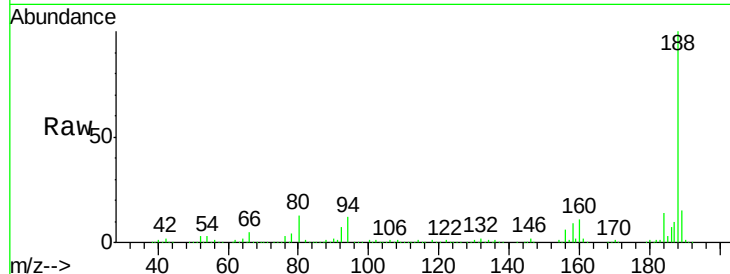




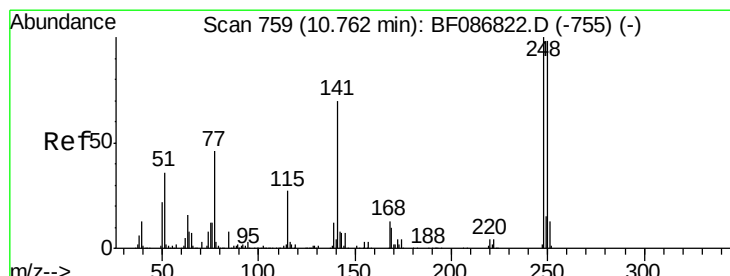
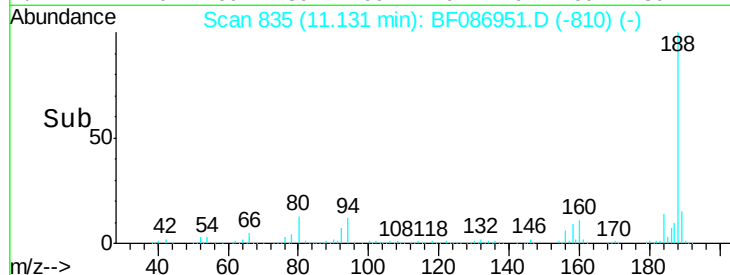
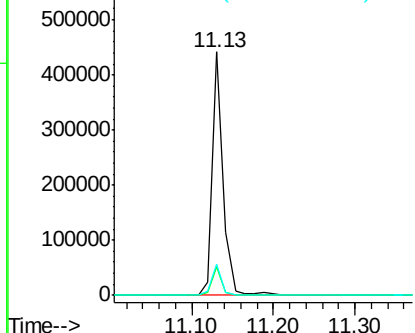
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086951.D
Acq: 13 May 2016 1:16

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-21-0.5-6.0

Tgt Ion:188 Resp: 414933
Ion Ratio Lower Upper
188 100
94 11.9 6.8 10.2#
80 13.0 7.1 10.7#

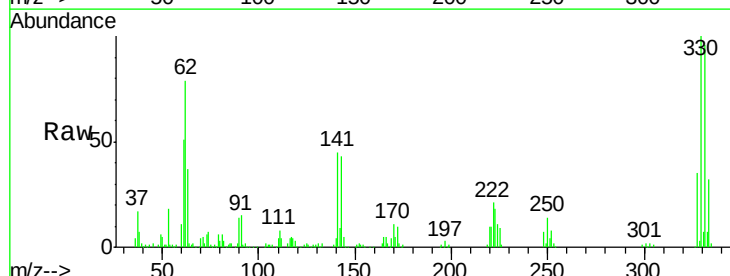


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

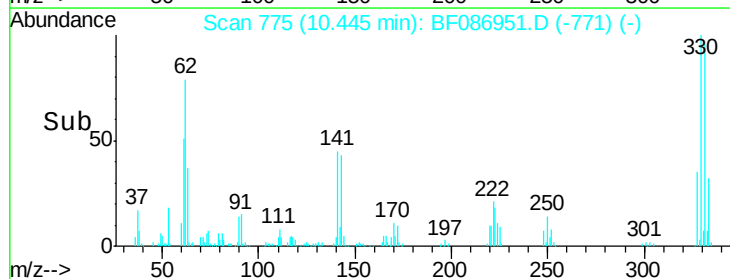
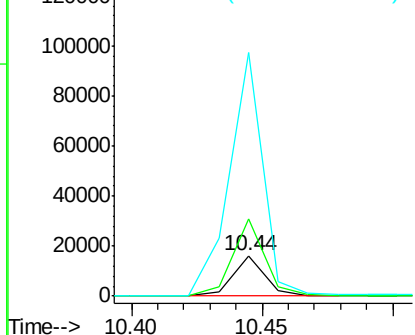


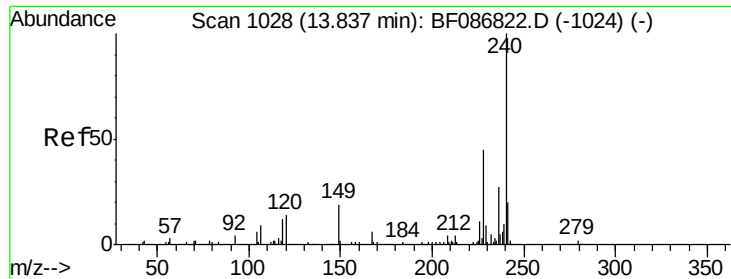
#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF086951.D
Acq: 13 May 2016 1:16

Tgt Ion:248 Resp: 13526
Ion Ratio Lower Upper
248 100
250 192.7 78.6 117.8#
141 607.1 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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

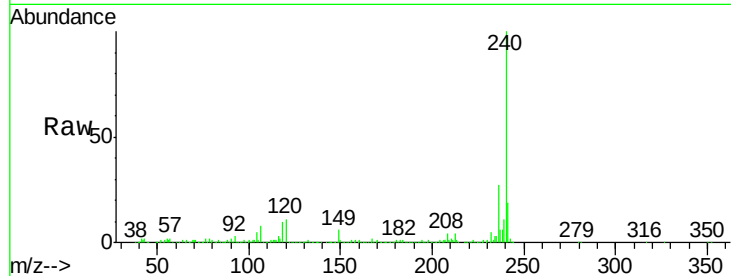
Tgt Ion:240 Resp: 382673

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

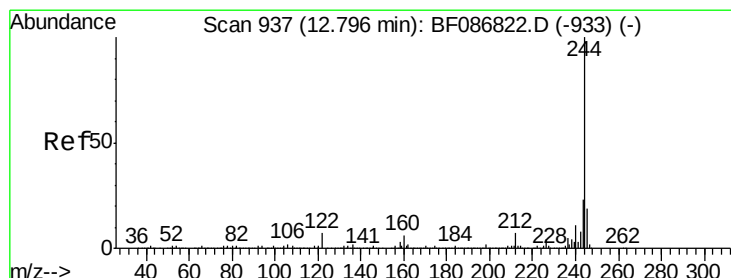
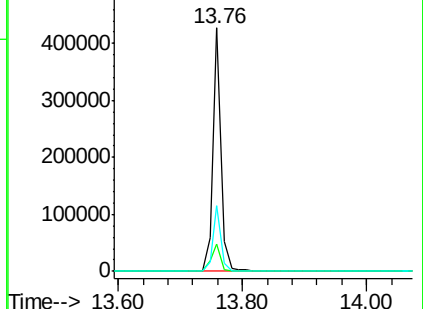
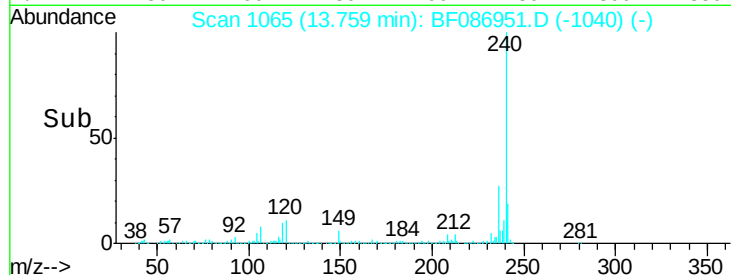
236 26.8 21.2 31.8



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: 43.50 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

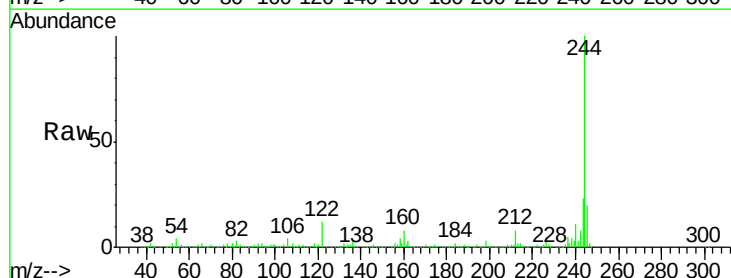
Tgt Ion:244 Resp: 784585

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

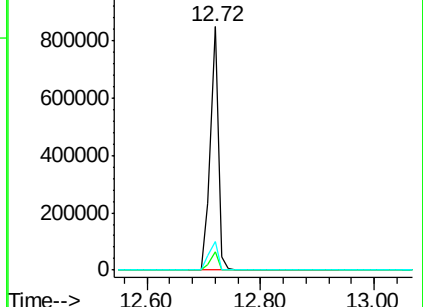
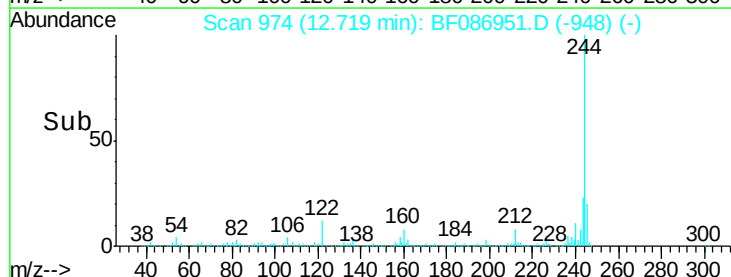
122 11.6 12.0 18.0#

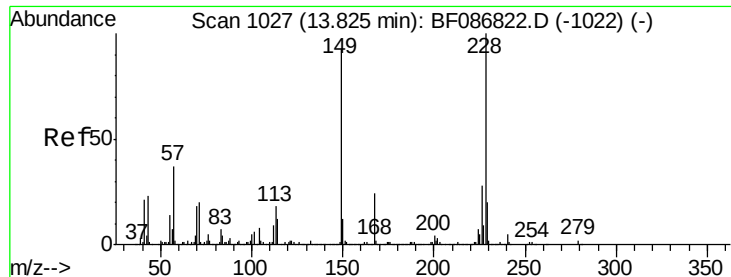


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

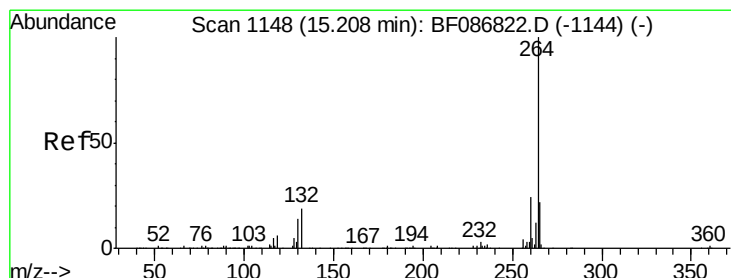
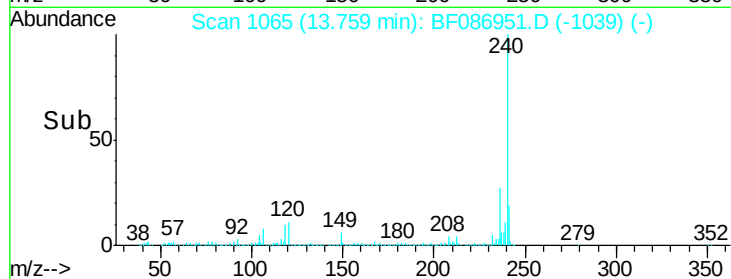
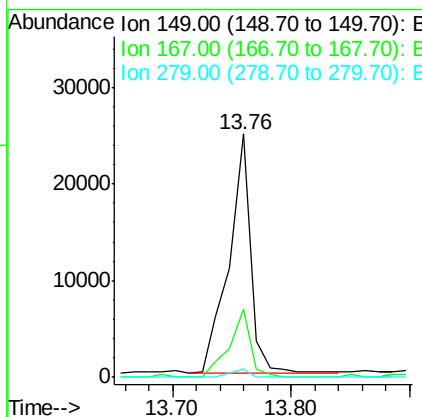
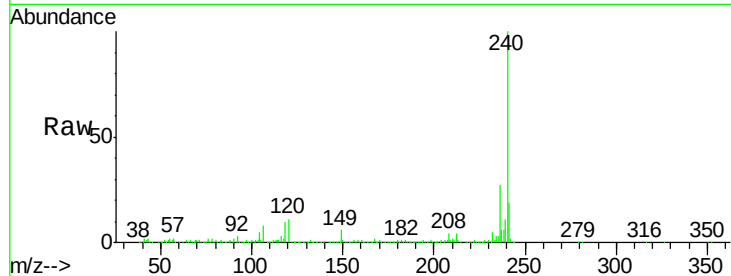




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.16 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF086951.D
 Acq: 13 May 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-21-0.5-6.0

Tgt Ion:149 Resp: 32187
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.6
 279 3.3 2.6 4.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF086951.D
 Acq: 13 May 2016 1:16

Tgt Ion:264 Resp: 327781
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.9 17.3 25.9

