

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086440.D
 Acq On : 27 Apr 2016 22:59
 Operator : UM/SJ
 Sample : H2728-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(8-10)-C

Quant Time: Apr 28 00:59:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

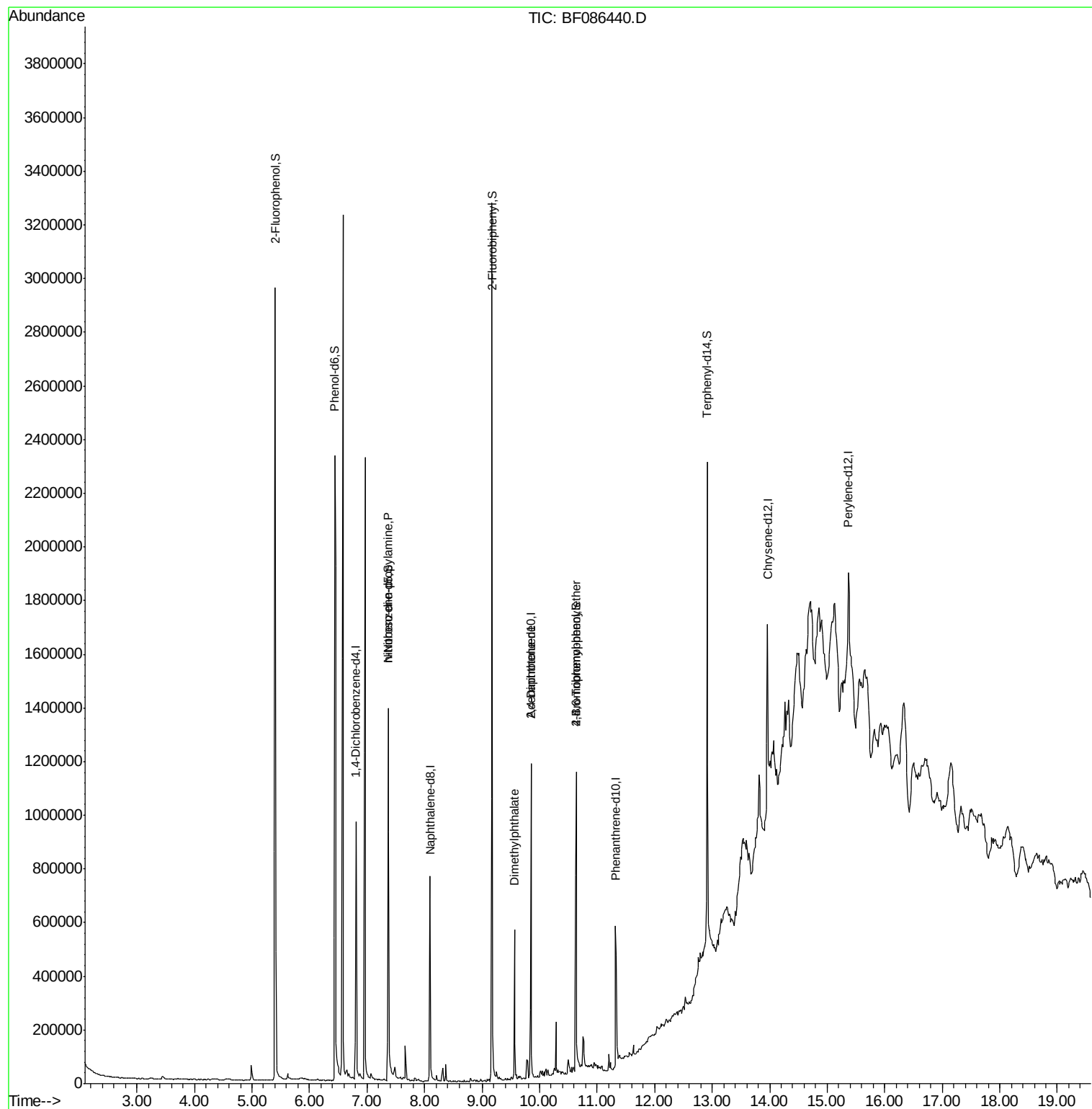
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134866	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	519233	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	217879	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	296981	20.00	ng	0.00
75) Chrysene-d12	13.96	240	299692	20.00	ng	0.00
86) Perylene-d12	15.37	264	206112	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	782769	100.11	ng	0.01
7) Phenol-d6	6.44	99	1164084	106.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	623337	64.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	174259	75.84	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1041865	83.33	ng	0.00
78) Terphenyl-d14	12.91	244	659812	48.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	79473	11.02	ng	# 72
49) Dimethylphthalate	9.56	163	206720	12.60	ng	99
56) 2,4-Dinitrotoluene	9.85	165	27995	6.48	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	10244	3.35	ng	# 1

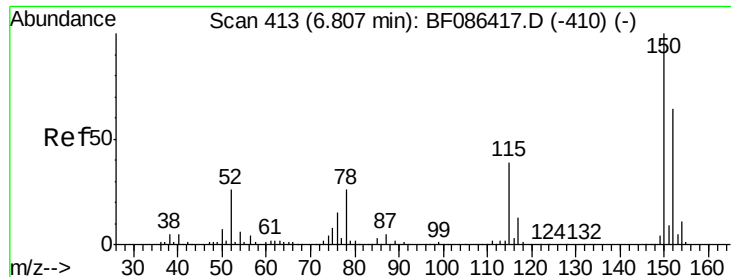
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086440.D

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Instrument :

BNA_F

ClientSampleId :

WPG-B11(8-10)-C

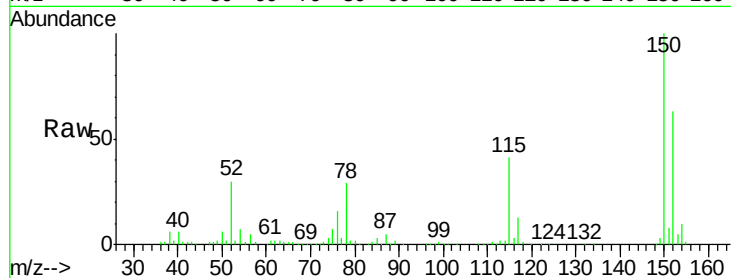
Tgt Ion:152 Resp: 134866

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

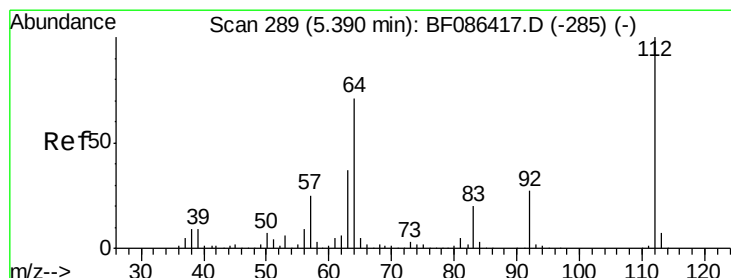
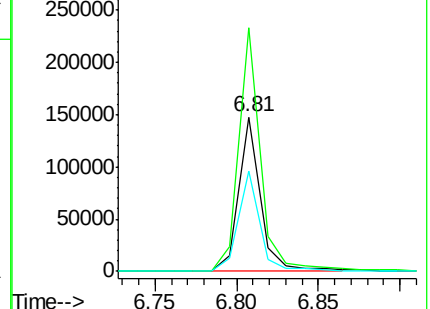
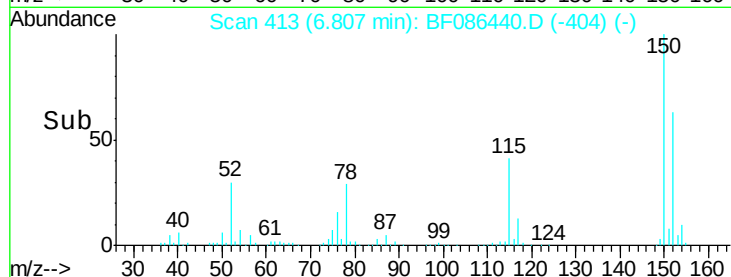
115 64.8 51.5 77.3



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: 100.11 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

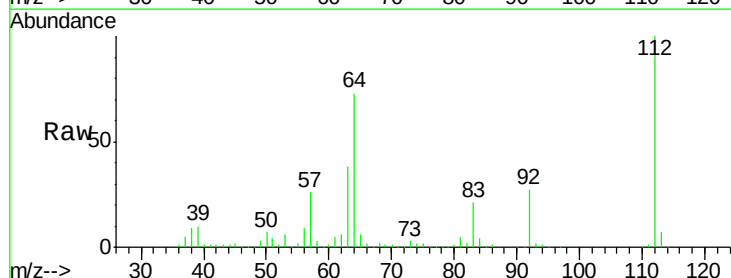
Tgt Ion:112 Resp: 782769

Ion Ratio Lower Upper

112 100

64 73.0 52.1 78.1

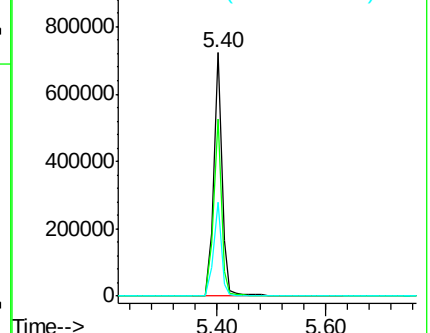
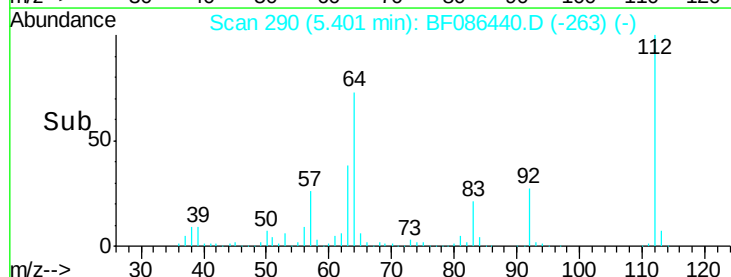
63 38.4 25.7 38.5

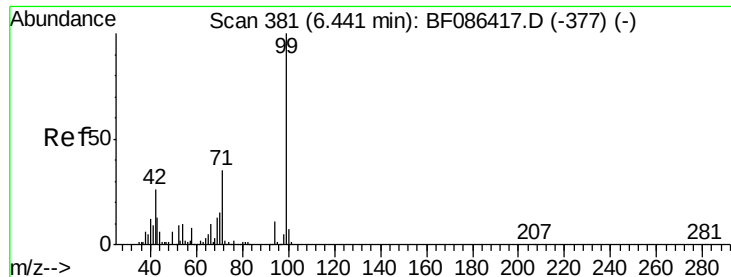


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.67 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

Instrument :

BNA_F

ClientSampleId :

WPG-B11(8-10)-C

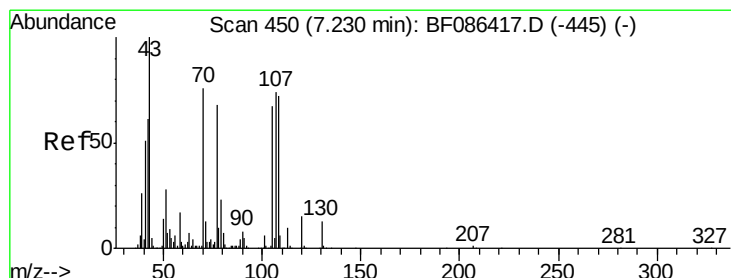
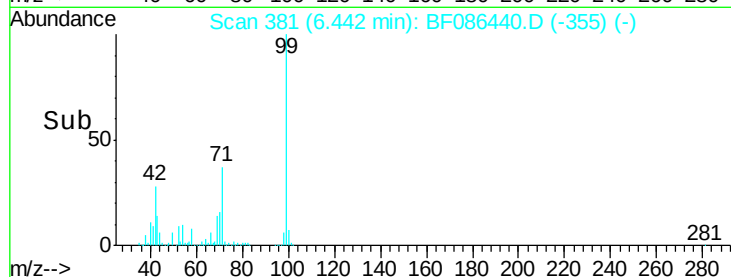
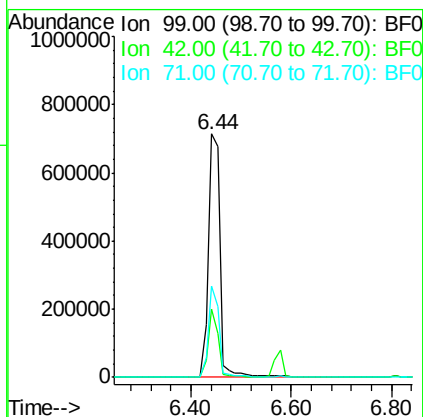
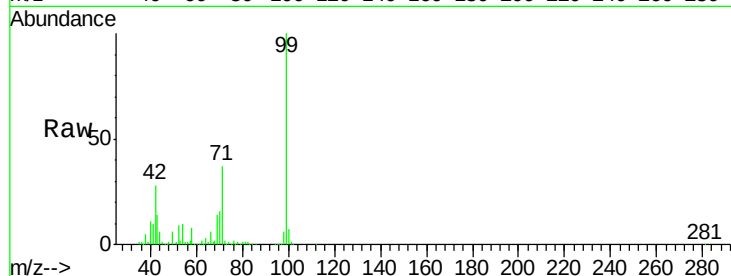
Tgt Ion: 99 Resp: 1164084

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

71 37.3 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.02 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

Tgt Ion: 70 Resp: 79473

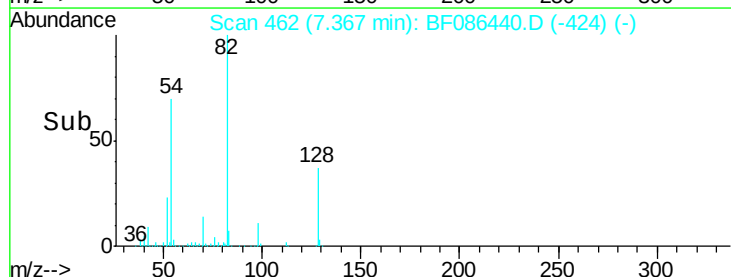
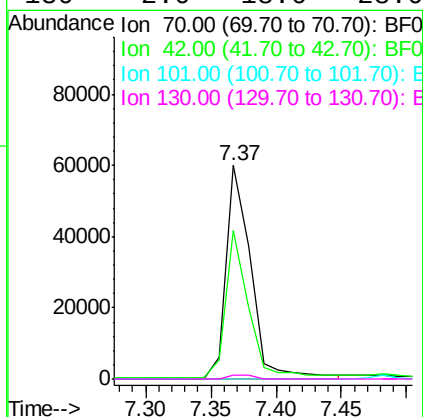
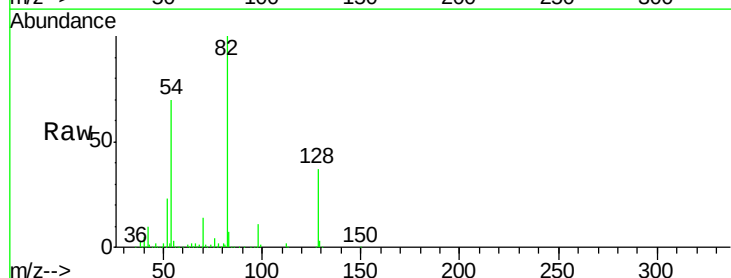
Ion Ratio Lower Upper

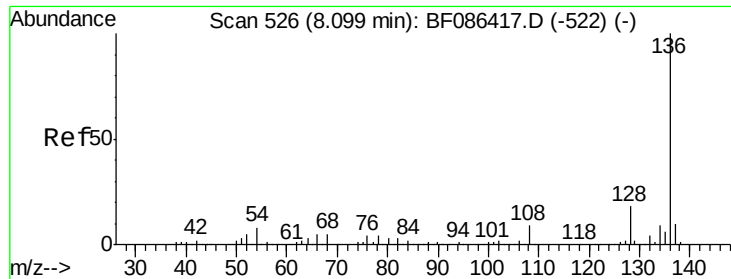
70 100

42 69.7 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

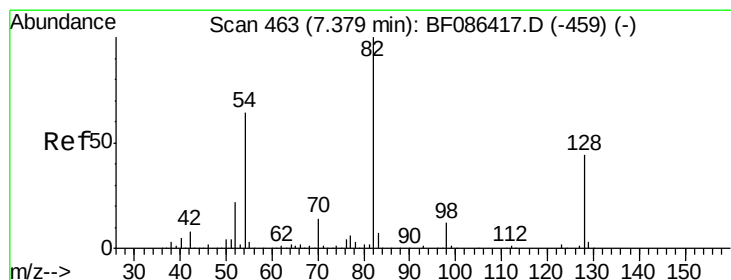
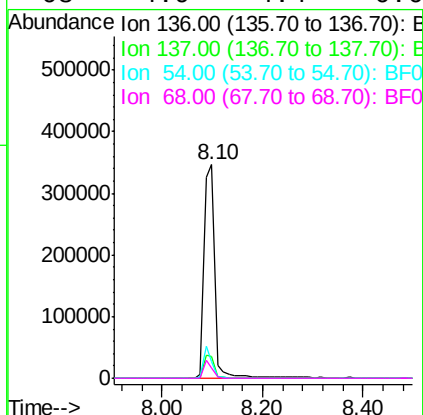
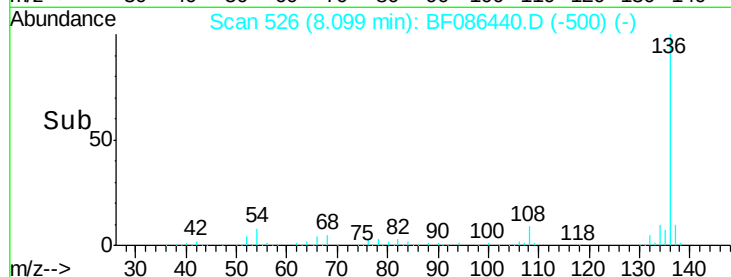
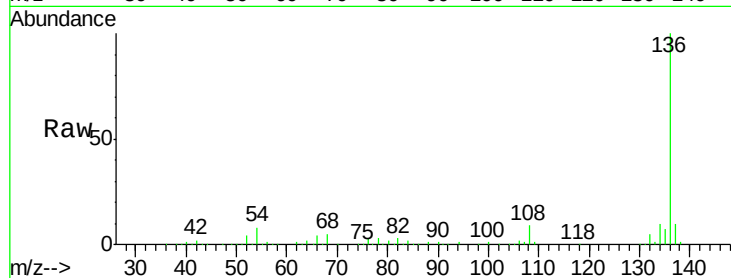




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086440.D
Acq: 27 Apr 2016 22:59

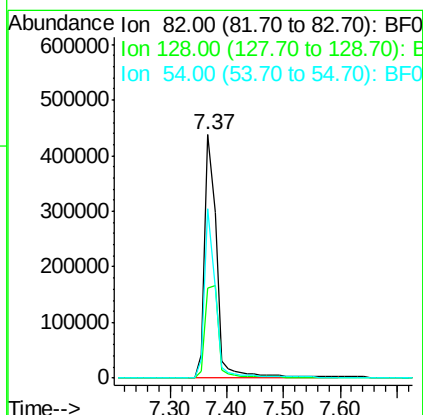
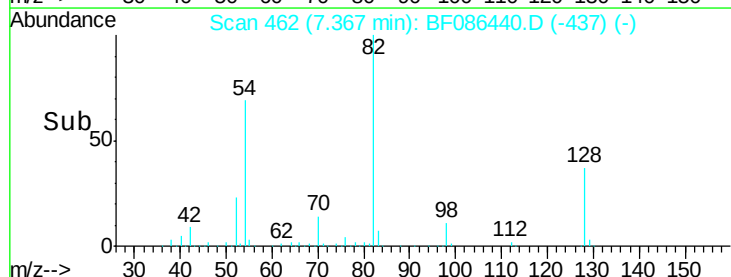
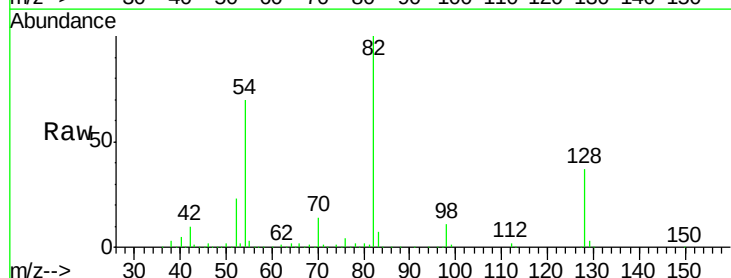
Instrument :
BNA_F
ClientSampleId :
WPG-B11(8-10)-C

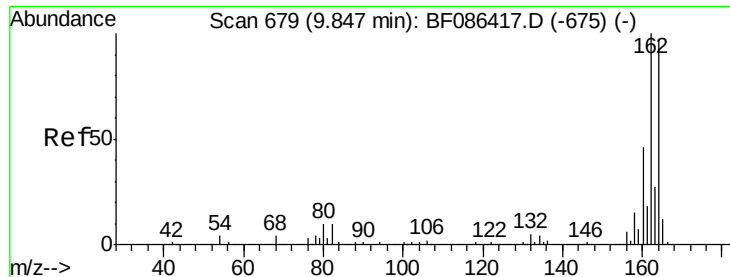
Tgt Ion:	136	Resp:	519233
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.8	5.0	7.4#
68	4.9	4.4	6.6



#23
Nitrobenzene-d5
Concen: 64.71 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086440.D
Acq: 27 Apr 2016 22:59

Tgt Ion:	82	Resp:	623337
Ion	Ratio	Lower	Upper
82	100		
128	37.2	40.6	61.0#
54	69.5	38.1	57.1#

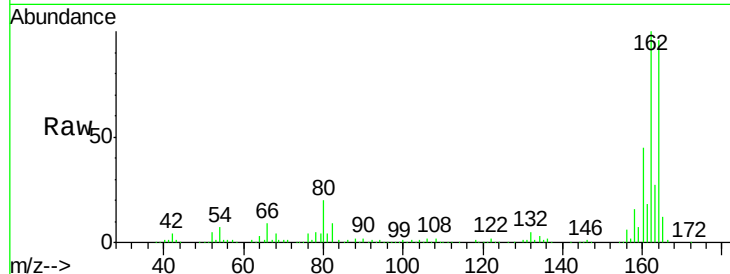




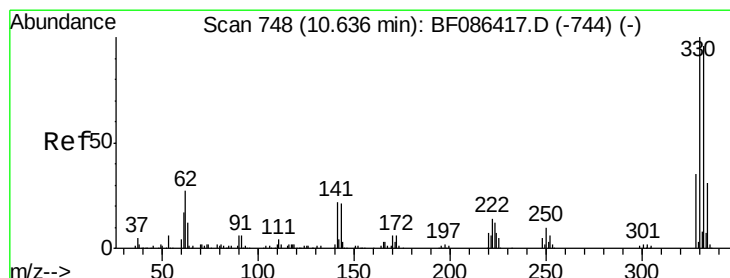
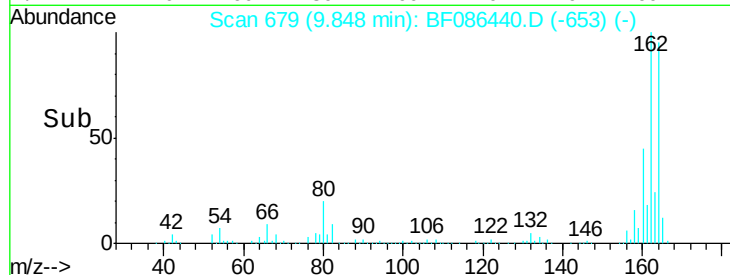
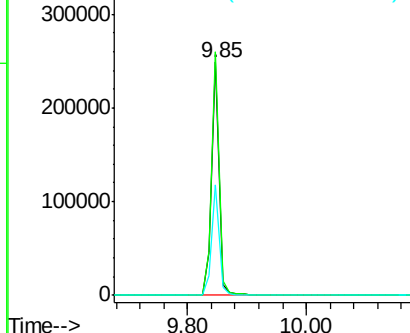
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086440.D
 Acq: 27 Apr 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(8-10)-C

Tgt Ion:164 Resp: 217879
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.8 124.2
 160 47.3 36.9 55.3

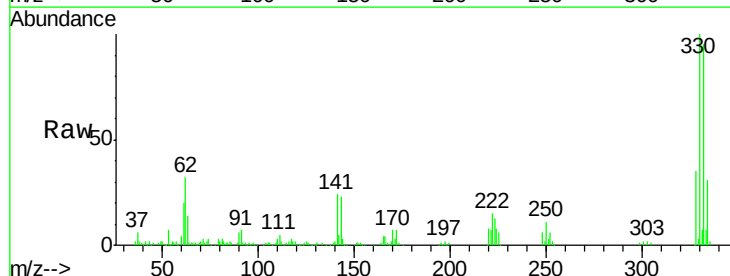


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

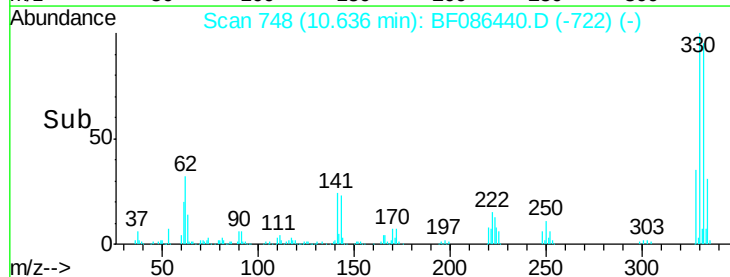
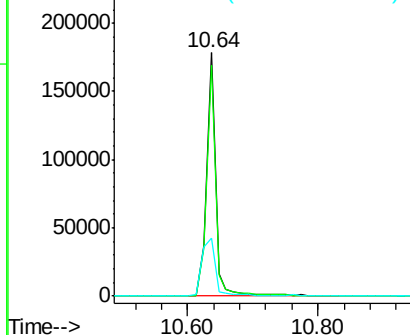


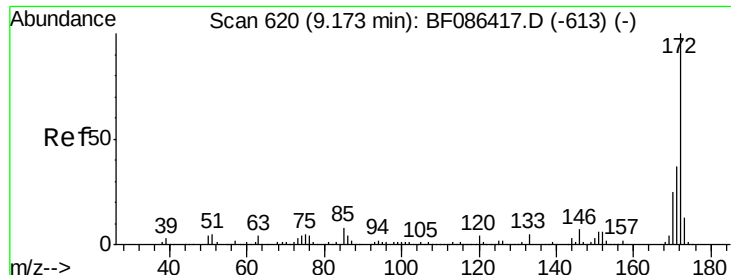
#41
 2,4,6-Tribromophenol
 Concen: 75.84 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086440.D
 Acq: 27 Apr 2016 22:59

Tgt Ion:330 Resp: 174259
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 35.1 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

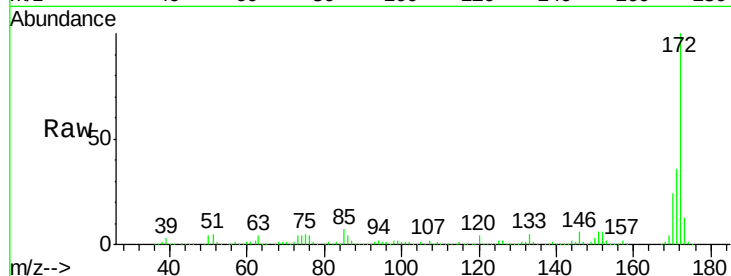




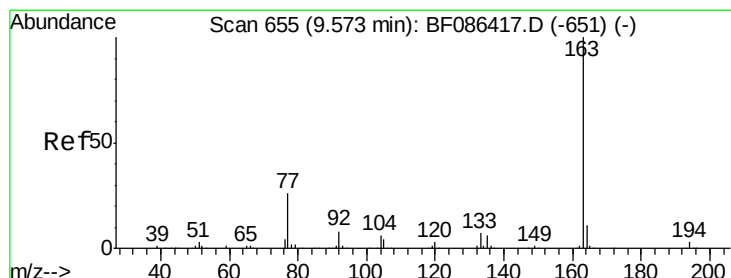
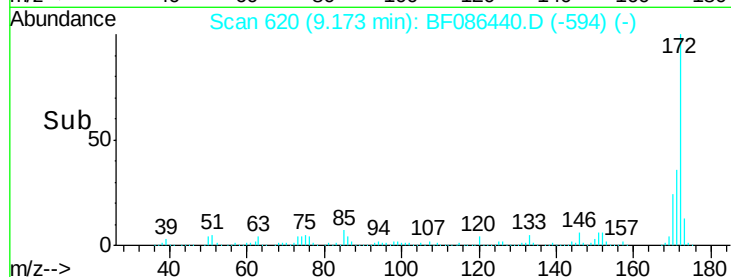
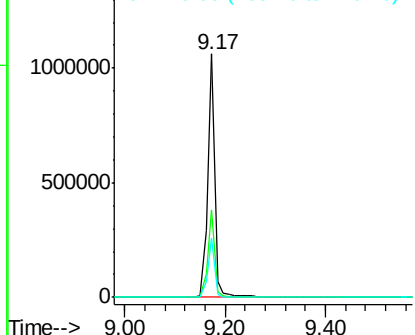
#44
 2-Fluorobiphenyl
 Concen: 83.33 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086440.D
 Acq: 27 Apr 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(8-10)-C

Tgt Ion:172 Resp: 1041865
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.3 19.8 29.8

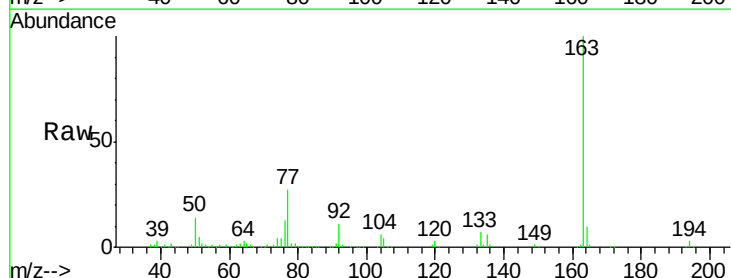


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

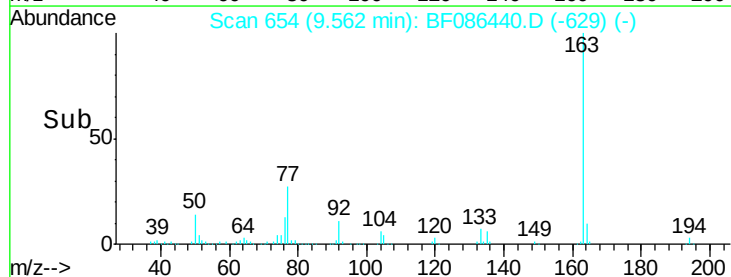
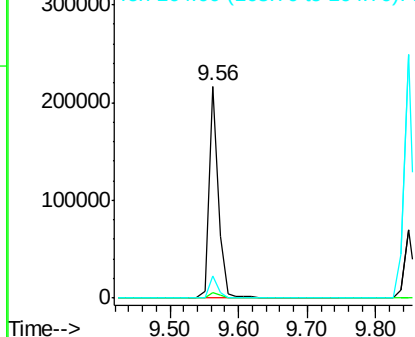


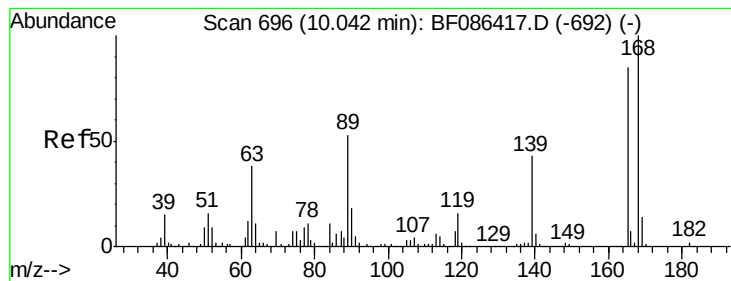
#49
 Dimethylphthalate
 Concen: 12.60 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086440.D
 Acq: 27 Apr 2016 22:59

Tgt Ion:163 Resp: 206720
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 10.4 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: 6.48 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.19 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

Instrument :

BNA_F

ClientSampleId :

WPG-B11(8-10)-C

Tgt Ion:165 Resp: 27995

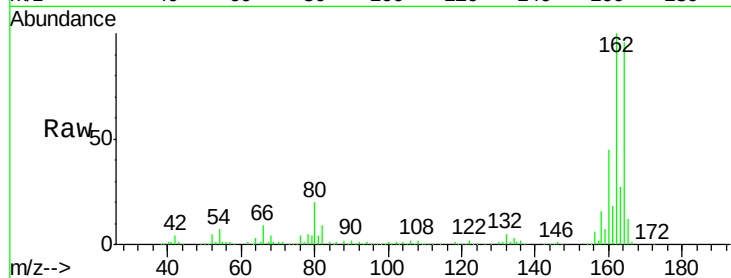
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

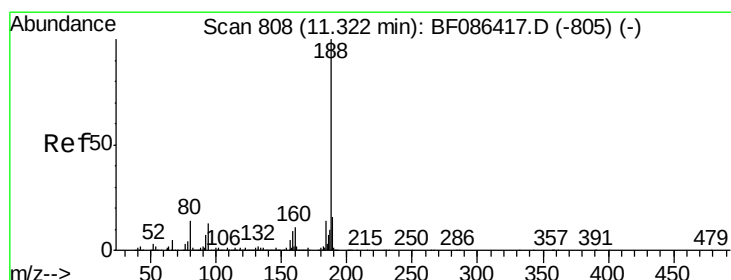
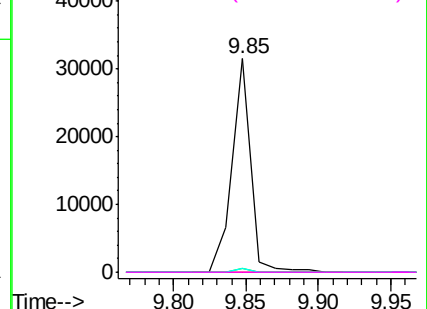
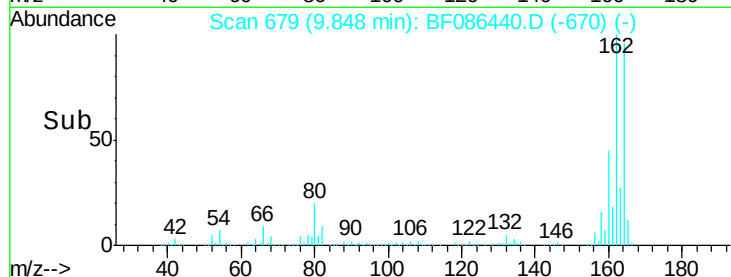


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

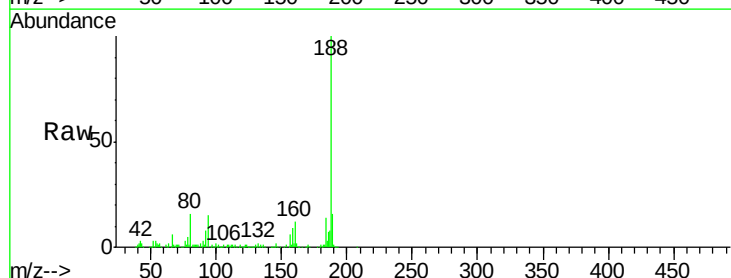
Tgt Ion:188 Resp: 296981

Ion Ratio Lower Upper

188 100

94 14.7 6.8 10.2#

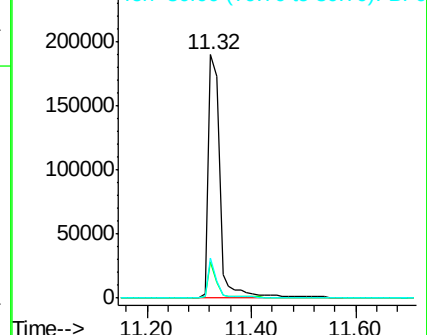
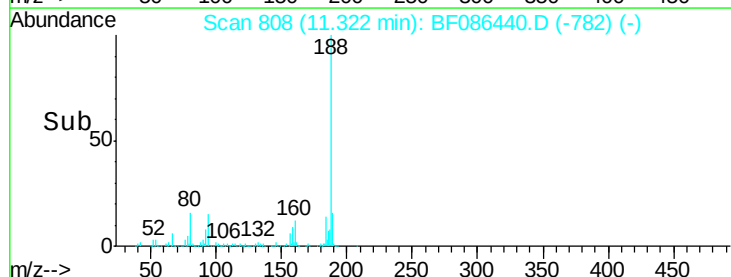
80 16.4 7.1 10.7#

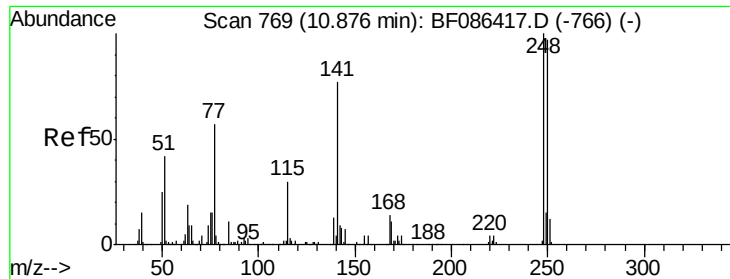


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

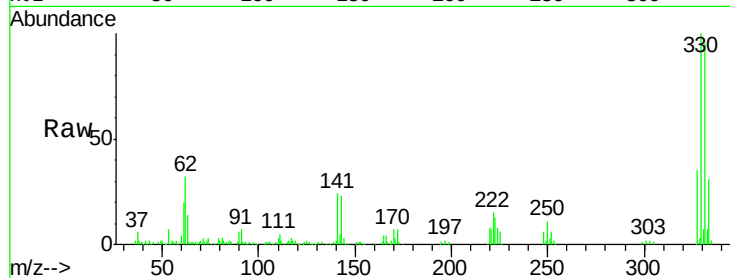




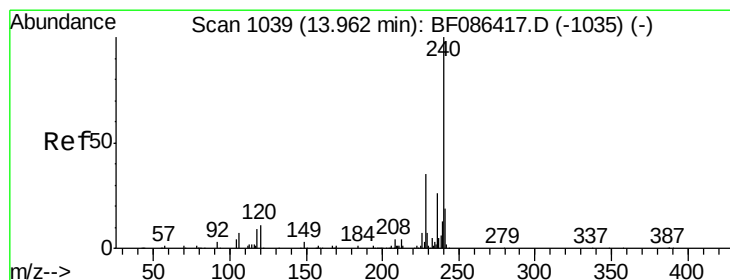
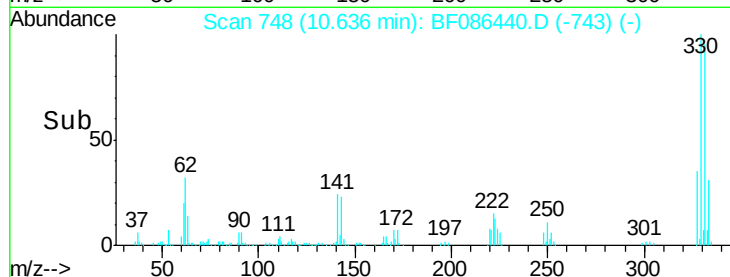
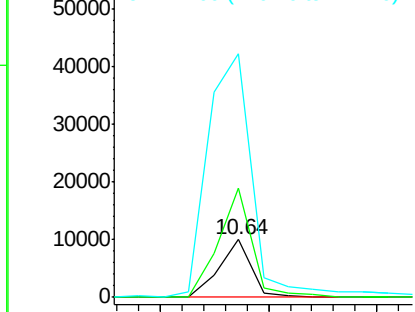
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.24 min
 Lab File: BF086440.D
 Acq: 27 Apr 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B11(8-10)-C

Tgt Ion:248 Resp: 10244
 Ion Ratio Lower Upper
 248 100
 250 188.8 78.6 117.8#
 141 421.3 76.0 114.0#

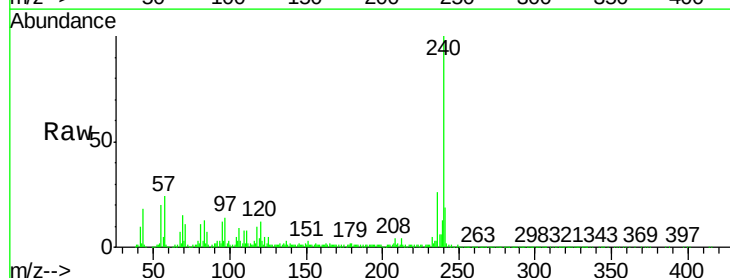


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

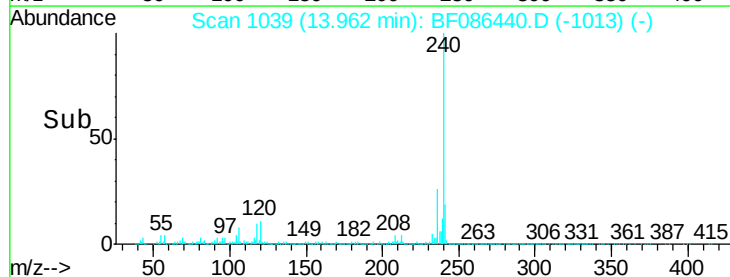
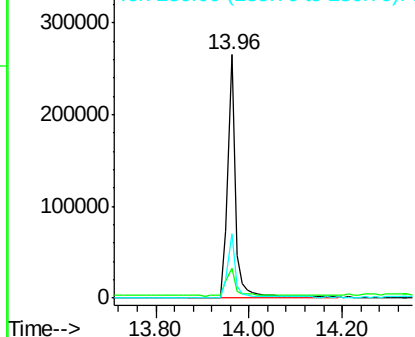


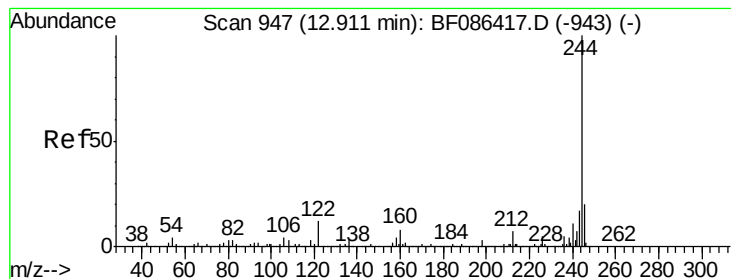
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF086440.D
 Acq: 27 Apr 2016 22:59

Tgt Ion:240 Resp: 299692
 Ion Ratio Lower Upper
 240 100
 120 12.0 11.2 16.8
 236 26.4 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: 48.50 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

Instrument :

BNA_F

ClientSampleId :

WPG-B11(8-10)-C

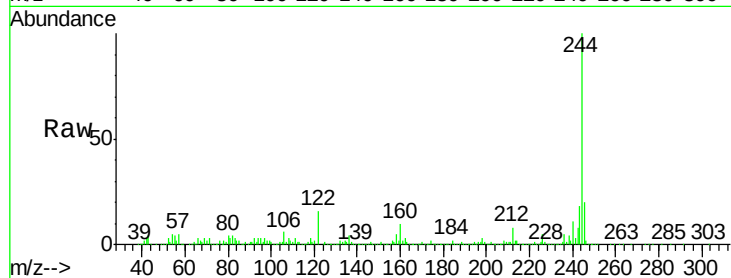
Tgt Ion:244 Resp: 659812

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

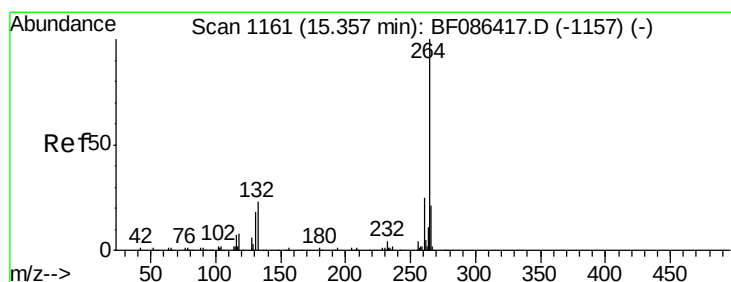
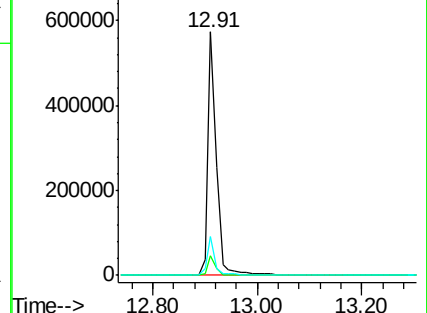
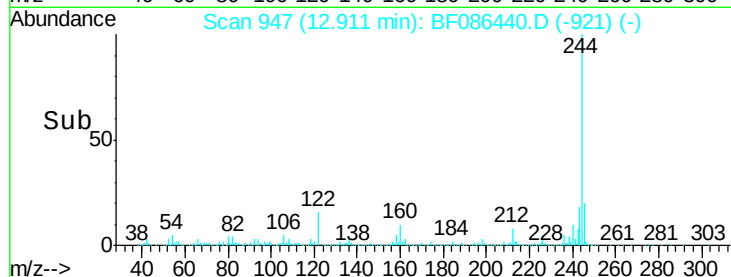
122 15.9 12.0 18.0



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: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF086440.D

Acq: 27 Apr 2016 22:59

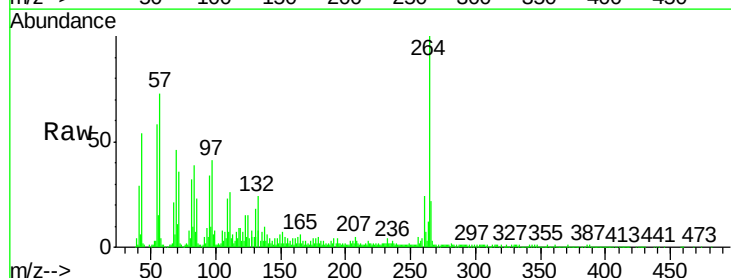
Tgt Ion:264 Resp: 206112

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.2 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

