

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086934.D
 Acq On : 12 May 2016 16:58
 Operator : UM/SJ
 Sample : H2977-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-18-0.5-6.0

Quant Time: May 13 00:48:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

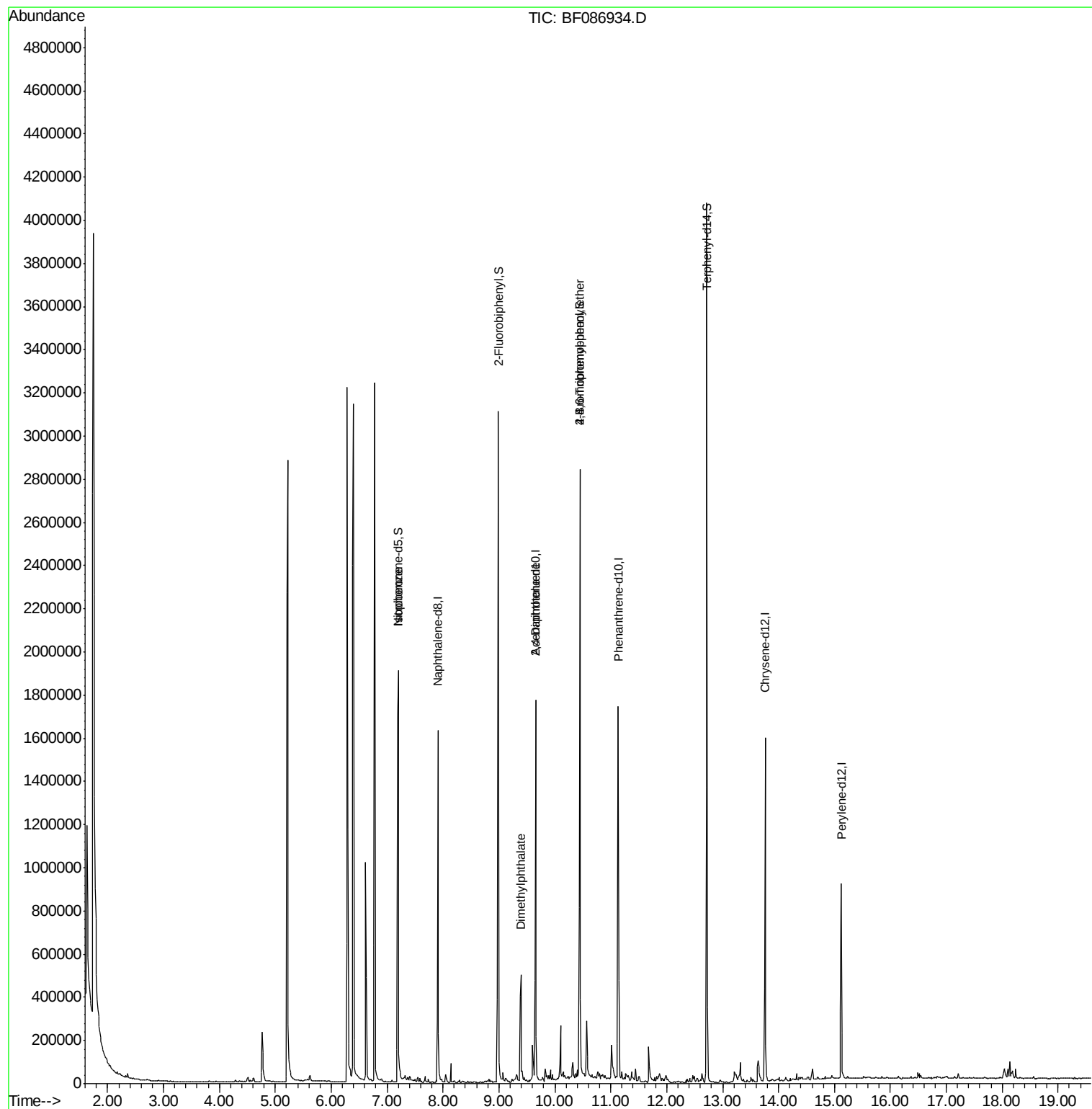
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	691216	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	337772	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	635034	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	502704	20.00	ng	-0.08
86) Perylene-d12	15.12	264	362385	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	998037	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1165668	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	872719	63.40	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	296389	82.89	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1406683	69.99	ng	-0.07
78) Terphenyl-d14	12.72	244	1240536	52.36	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	831081	32.54	ng	# 68
49) Dimethylphthalate	9.39	163	267523	10.38	ng	# 98
56) 2,4-Dinitrotoluene	9.66	165	44636	6.65	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	19029	2.96	ng	# 1

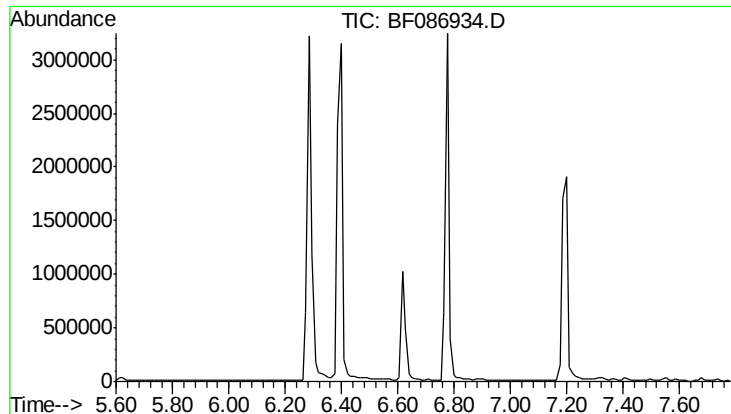
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 13 00:48:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

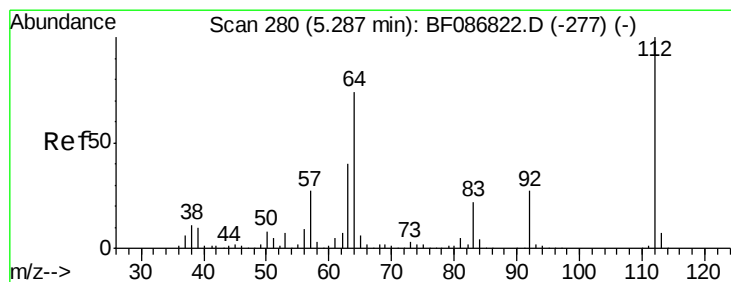
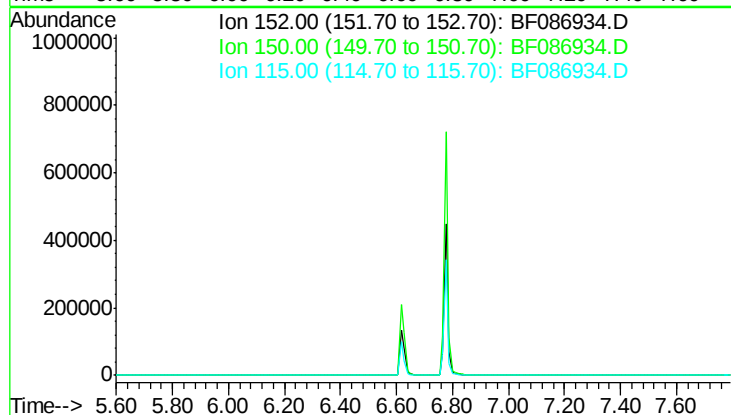
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

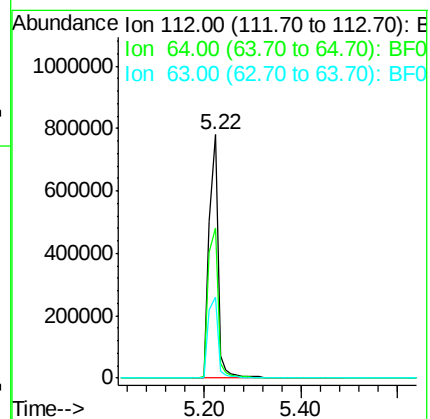
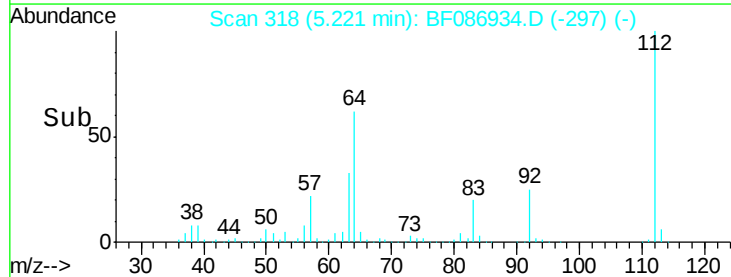
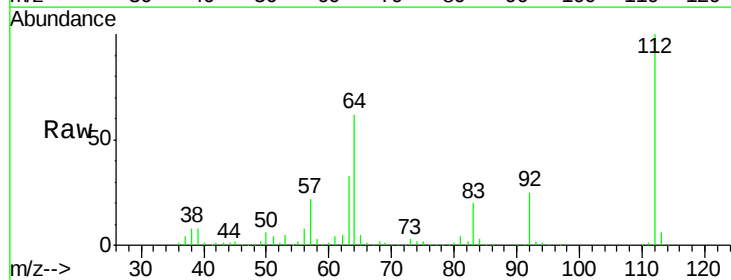
Tgt Ion: 112 Resp: 998037

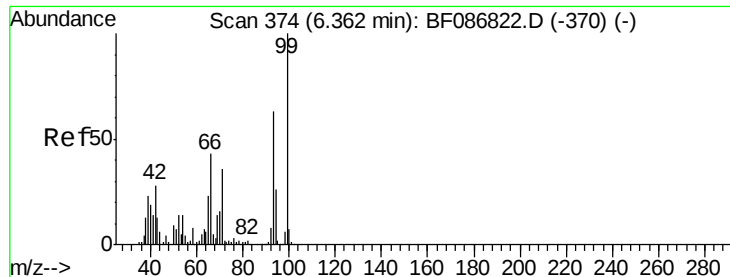
Ion Ratio Lower Upper

112 100

64 61.6 52.1 78.1

63 33.2 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

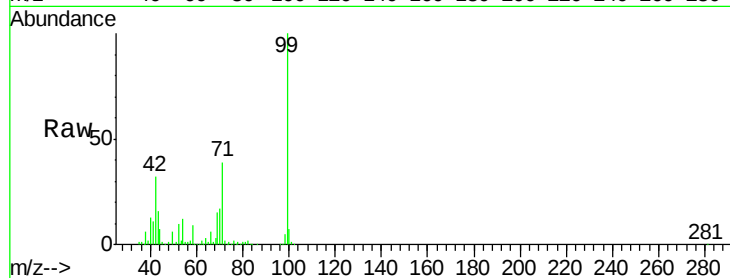
Tgt Ion: 99 Resp: 1165668

Ion Ratio Lower Upper

99 100

42 32.0 13.6 20.4#

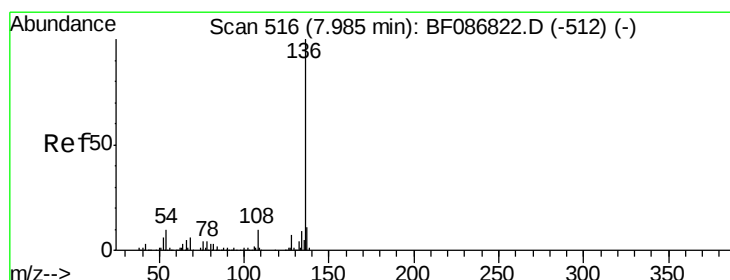
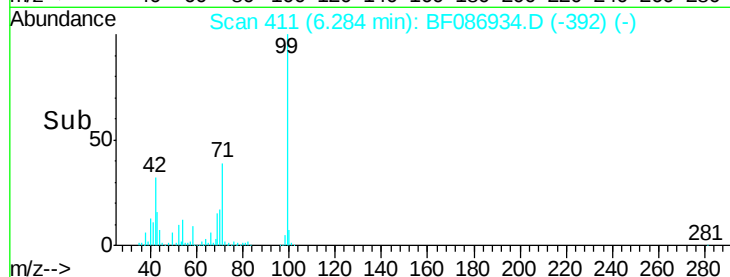
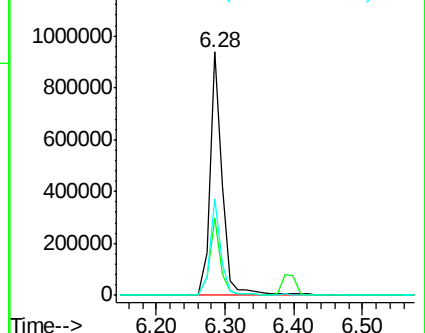
71 39.3 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Tgt Ion: 136 Resp: 691216

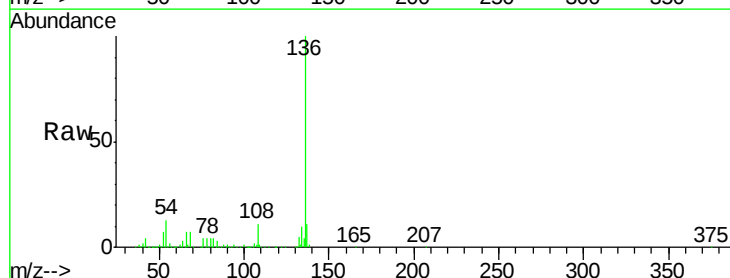
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 12.9 5.0 7.4#

68 7.1 4.4 6.6#

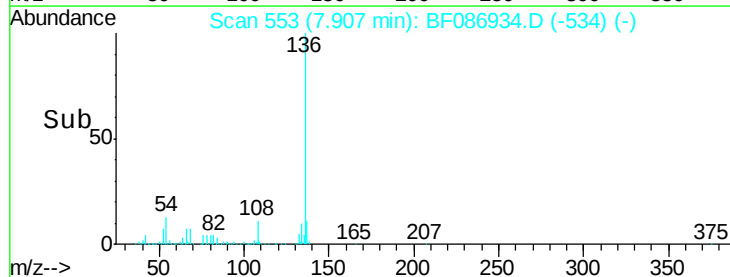
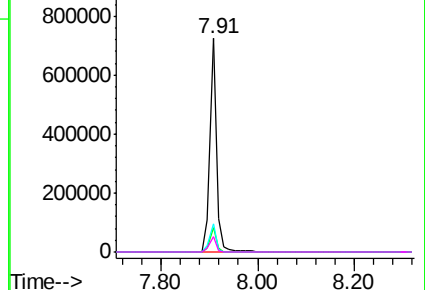


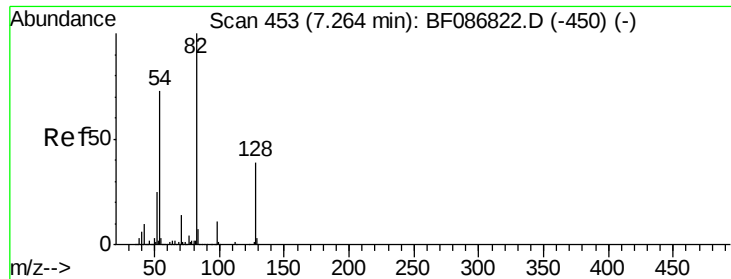
Abundance Ion 136.00 (135.70 to 136.70): E

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

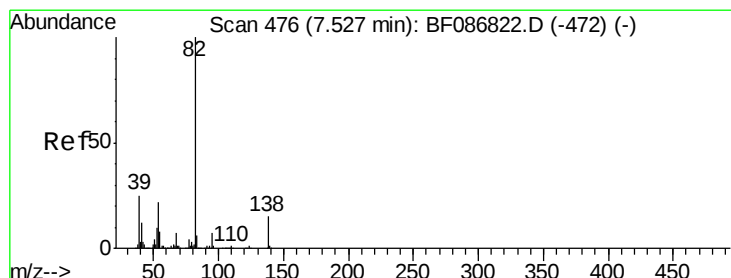
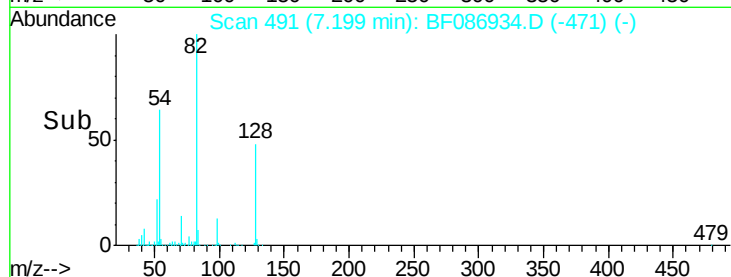
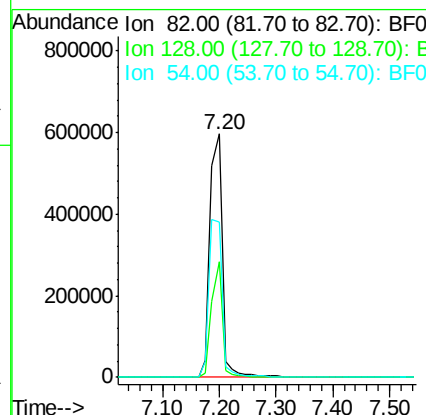
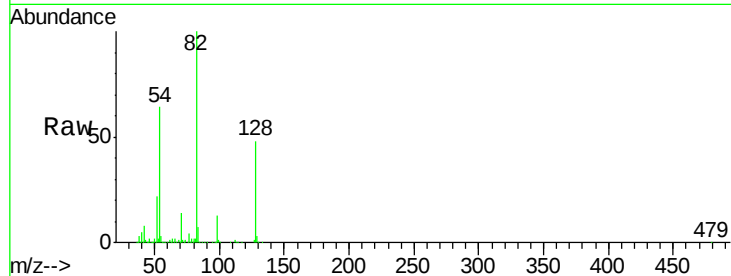




#23
 Nitrobenzene-d5
 Concen: 63.40 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086934.D
 Acq: 12 May 2016 16:58

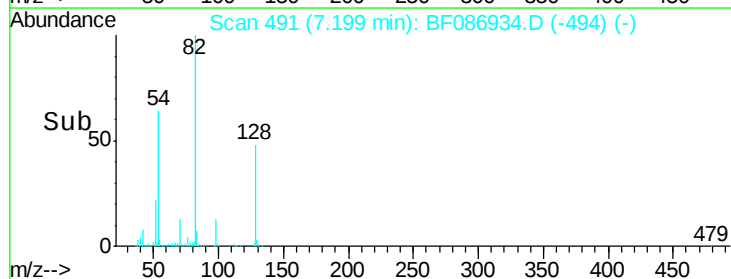
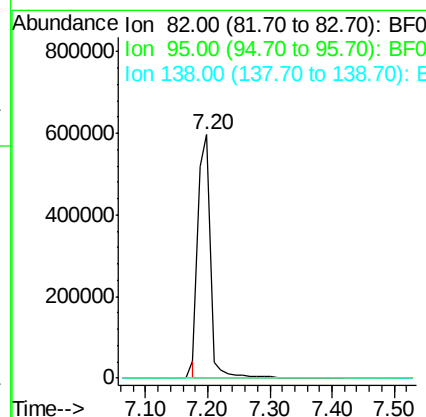
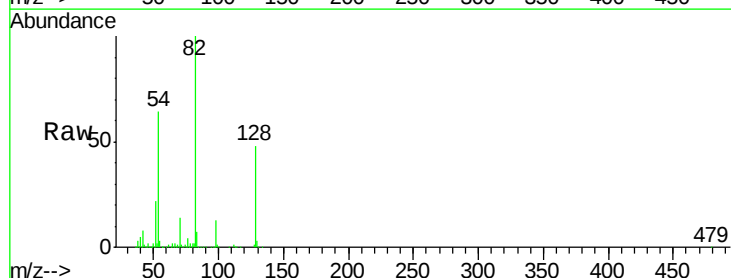
Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-18-0.5-6.0

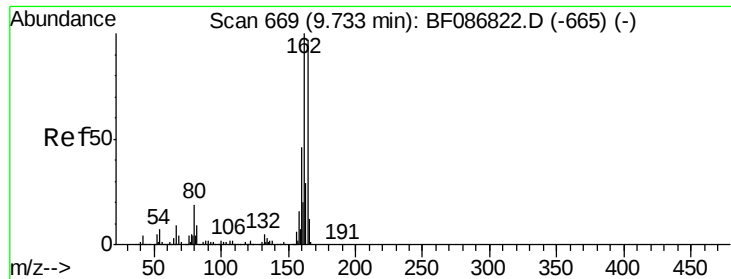
Tgt Ion: 82 Resp: 872719
 Ion Ratio Lower Upper
 82 100
 128 47.6 40.6 61.0
 54 63.9 38.1 57.1#



#25
 Isophorone
 Concen: 32.54 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086934.D
 Acq: 12 May 2016 16:58

Tgt Ion: 82 Resp: 831081
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

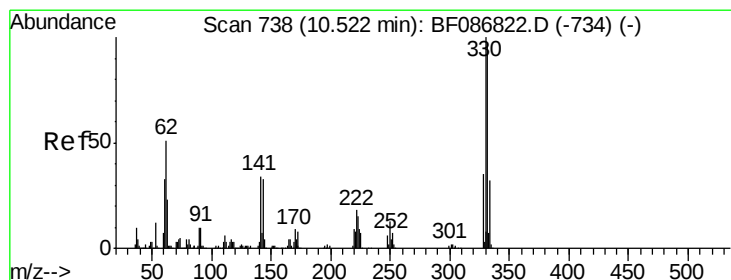
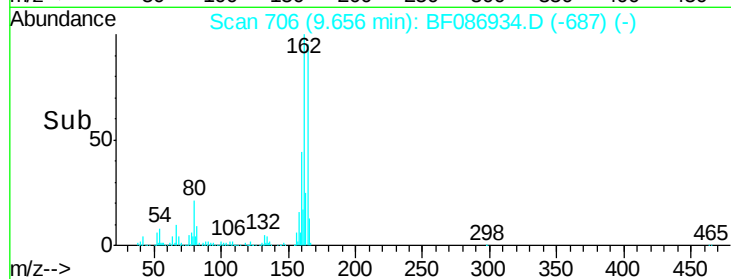
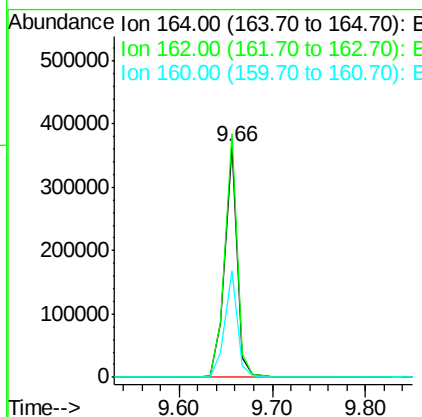
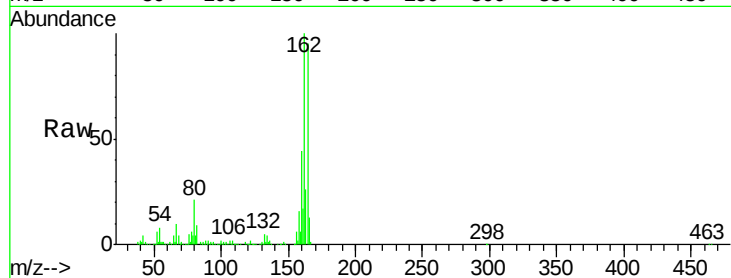




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF086934.D
Acq: 12 May 2016 16:58

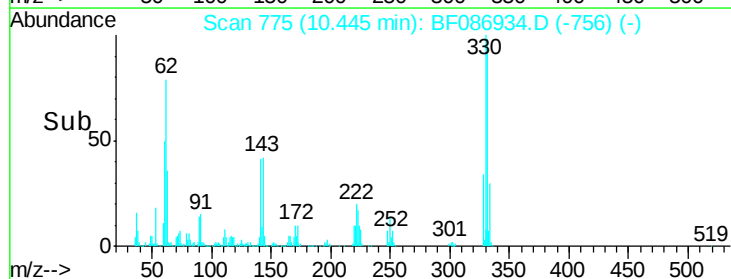
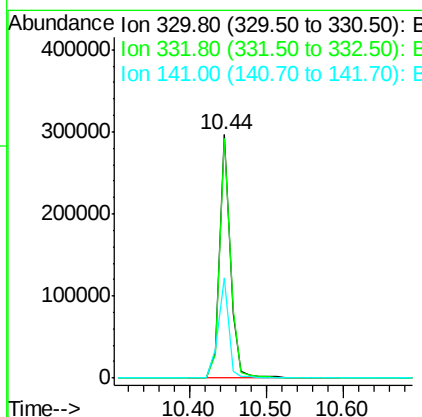
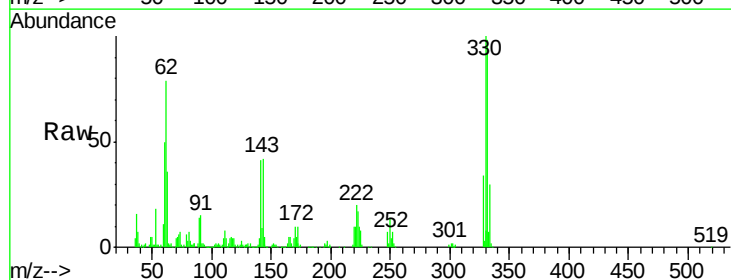
Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

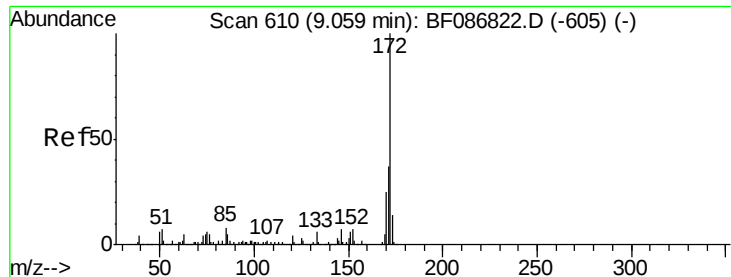
Tgt Ion:164 Resp: 337772
Ion Ratio Lower Upper
164 100
162 105.7 82.8 124.2
160 46.5 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 82.89 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF086934.D
Acq: 12 May 2016 16:58

Tgt Ion:330 Resp: 296389
Ion Ratio Lower Upper
330 100
332 99.3 79.0 118.4
141 40.0 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 69.99 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.07 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

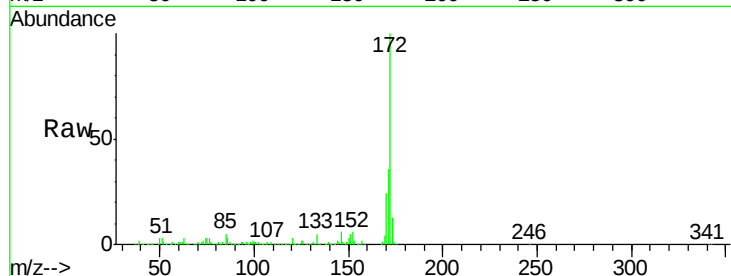
Tgt Ion:172 Resp: 1406683

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

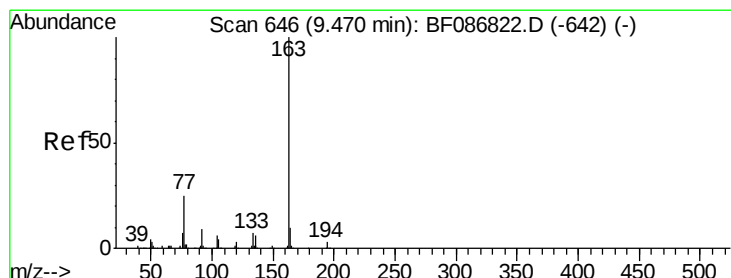
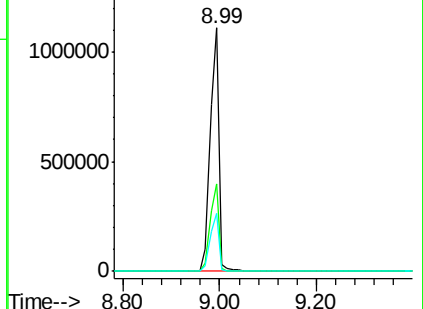
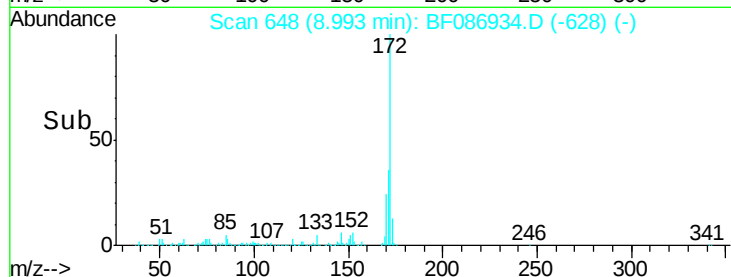
170 23.8 19.8 29.8



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: 10.38 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

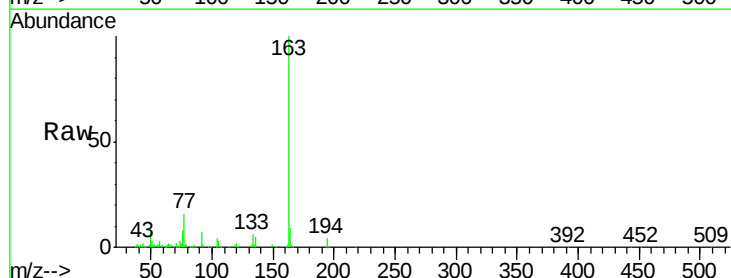
Tgt Ion:163 Resp: 267523

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

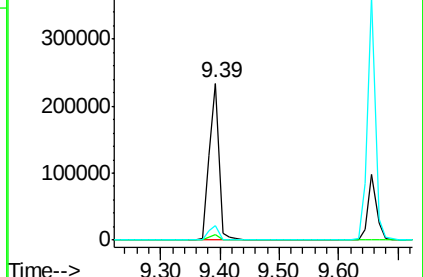
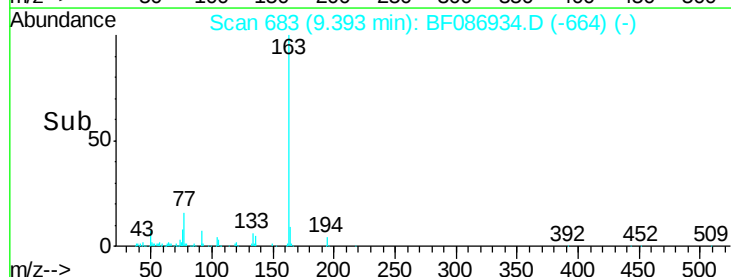
164 9.4 8.2 12.4

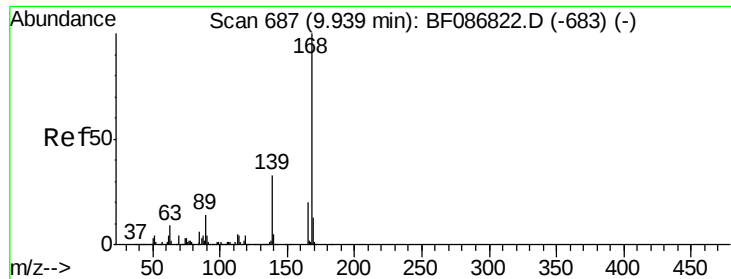


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

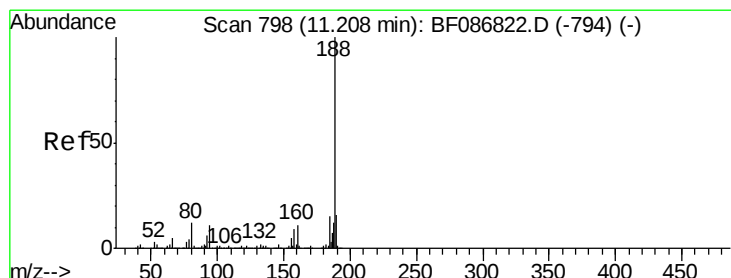
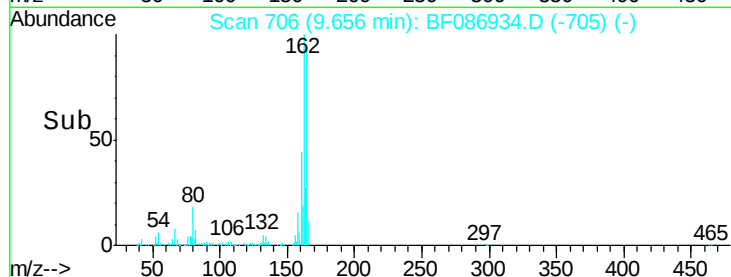
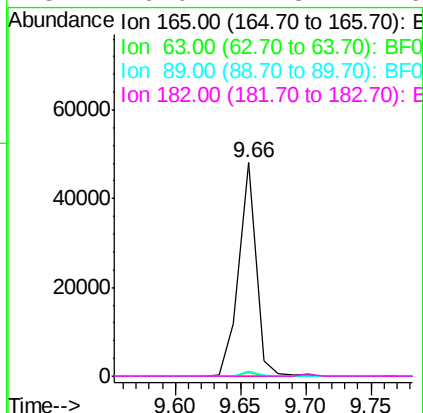
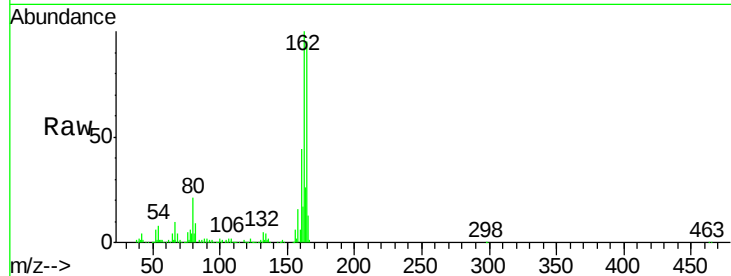




#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086934.D
 Acq: 12 May 2016 16:58

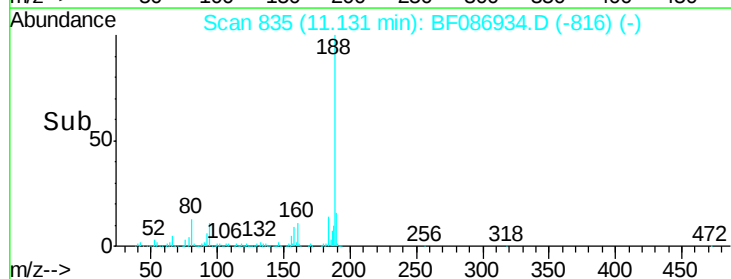
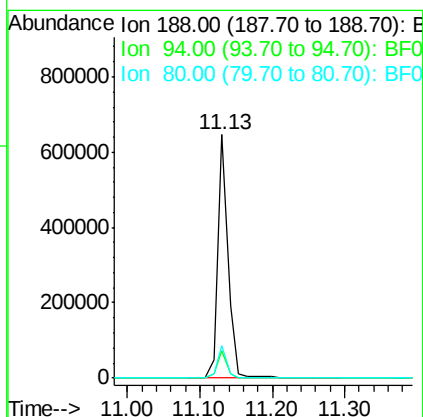
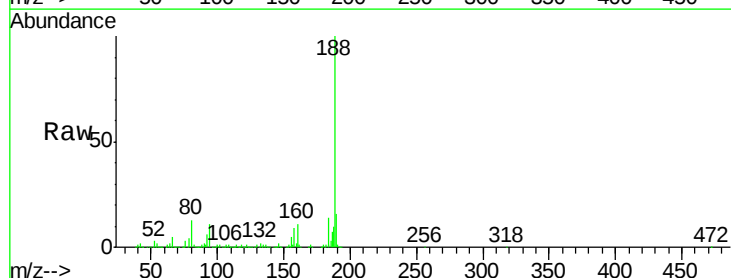
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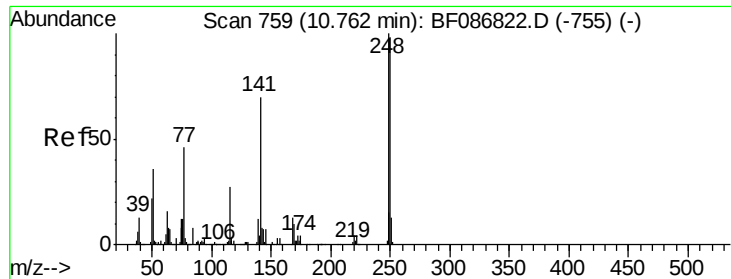
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086934.D
 Acq: 12 May 2016 16:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.8	10.2#
80	13.1	7.1	10.7#





#66

4-Bromophenyl-phenylether

Concen: 2.96 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.32 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

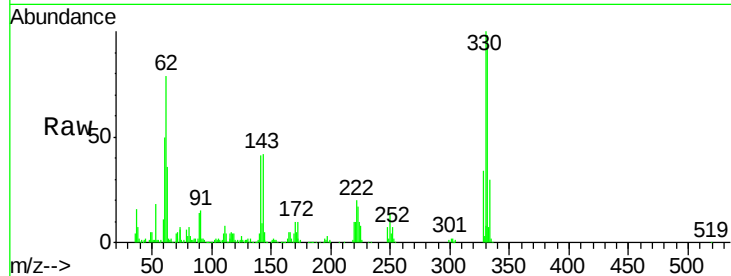
Tgt Ion:248 Resp: 19029

Ion Ratio Lower Upper

248 100

250 204.0 78.6 117.8#

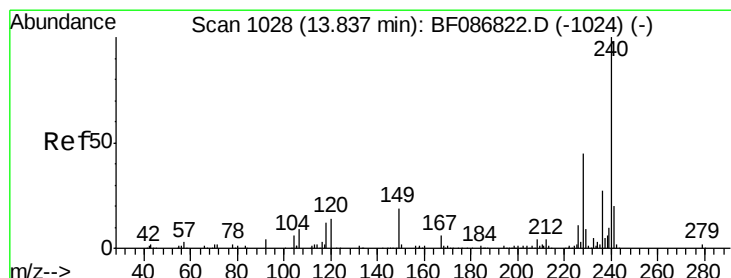
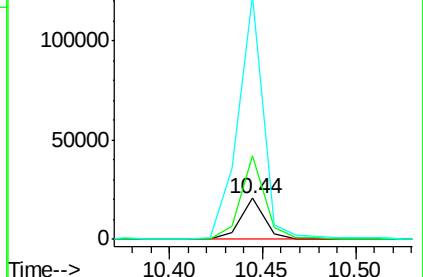
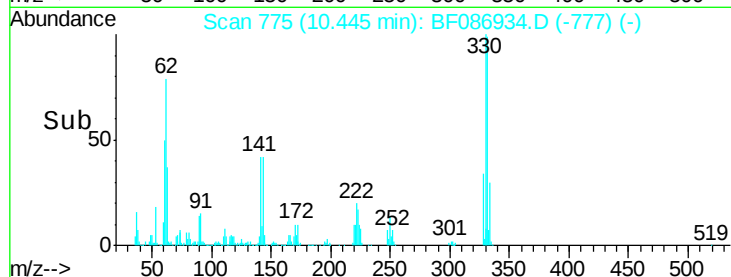
141 589.8 76.0 114.0#



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. -0.08 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

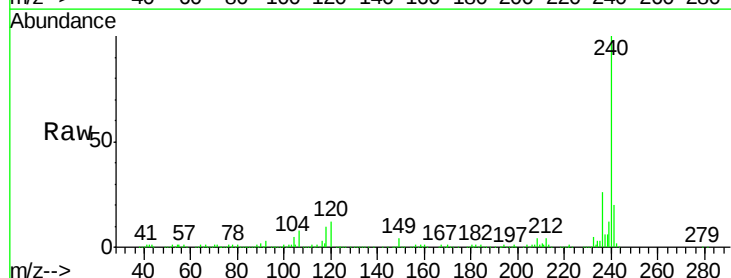
Tgt Ion:240 Resp: 502704

Ion Ratio Lower Upper

240 100

120 11.9 11.2 16.8

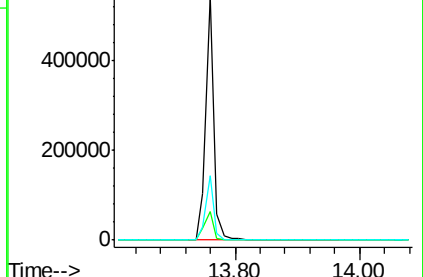
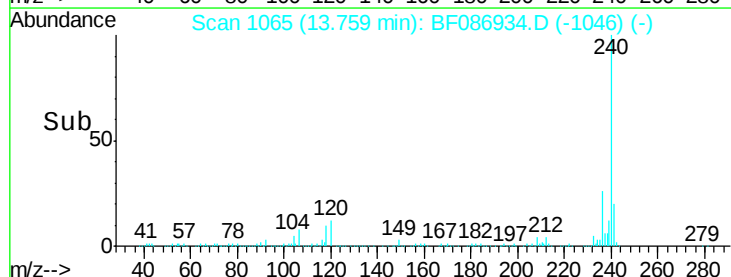
236 26.3 21.2 31.8

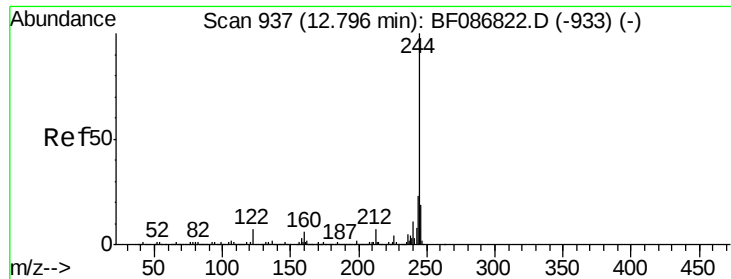


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.36 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-18-0.5-6.0

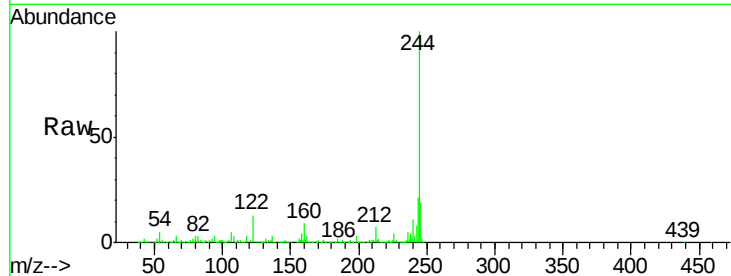
Tgt Ion:244 Resp: 1240536

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

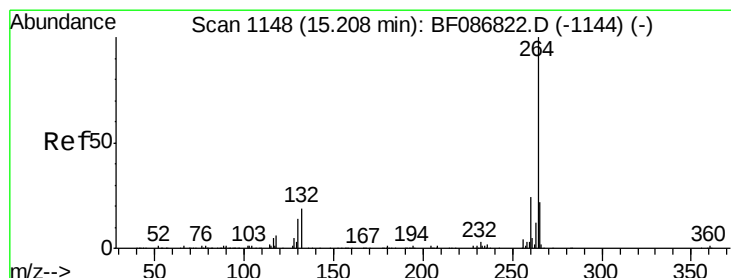
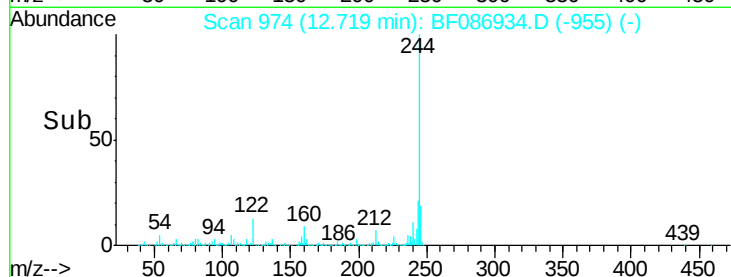
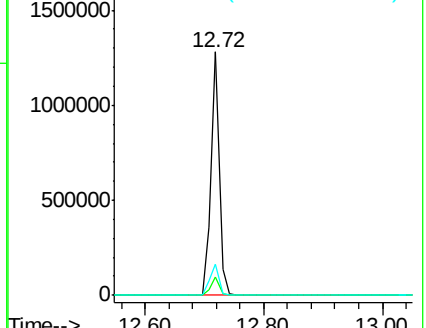
122 12.7 12.0 18.0



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: 15.12 min Scan# 1184

Delta R.T. -0.09 min

Lab File: BF086934.D

Acq: 12 May 2016 16:58

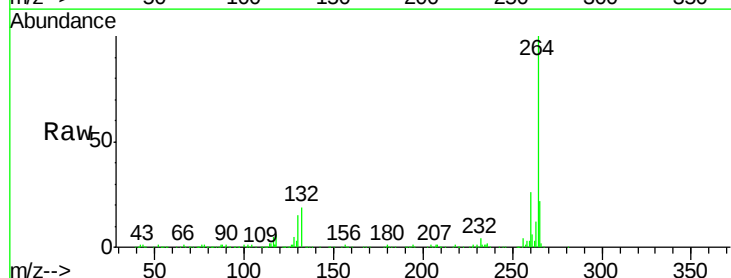
Tgt Ion:264 Resp: 362385

Ion Ratio Lower Upper

264 100

260 25.6 19.5 29.3

265 22.4 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

