

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086661.D
 Acq On : 4 May 2016 00:26
 Operator : UM/SJ
 Sample : H2716-06RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Quant Time: May 04 02:34:37 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

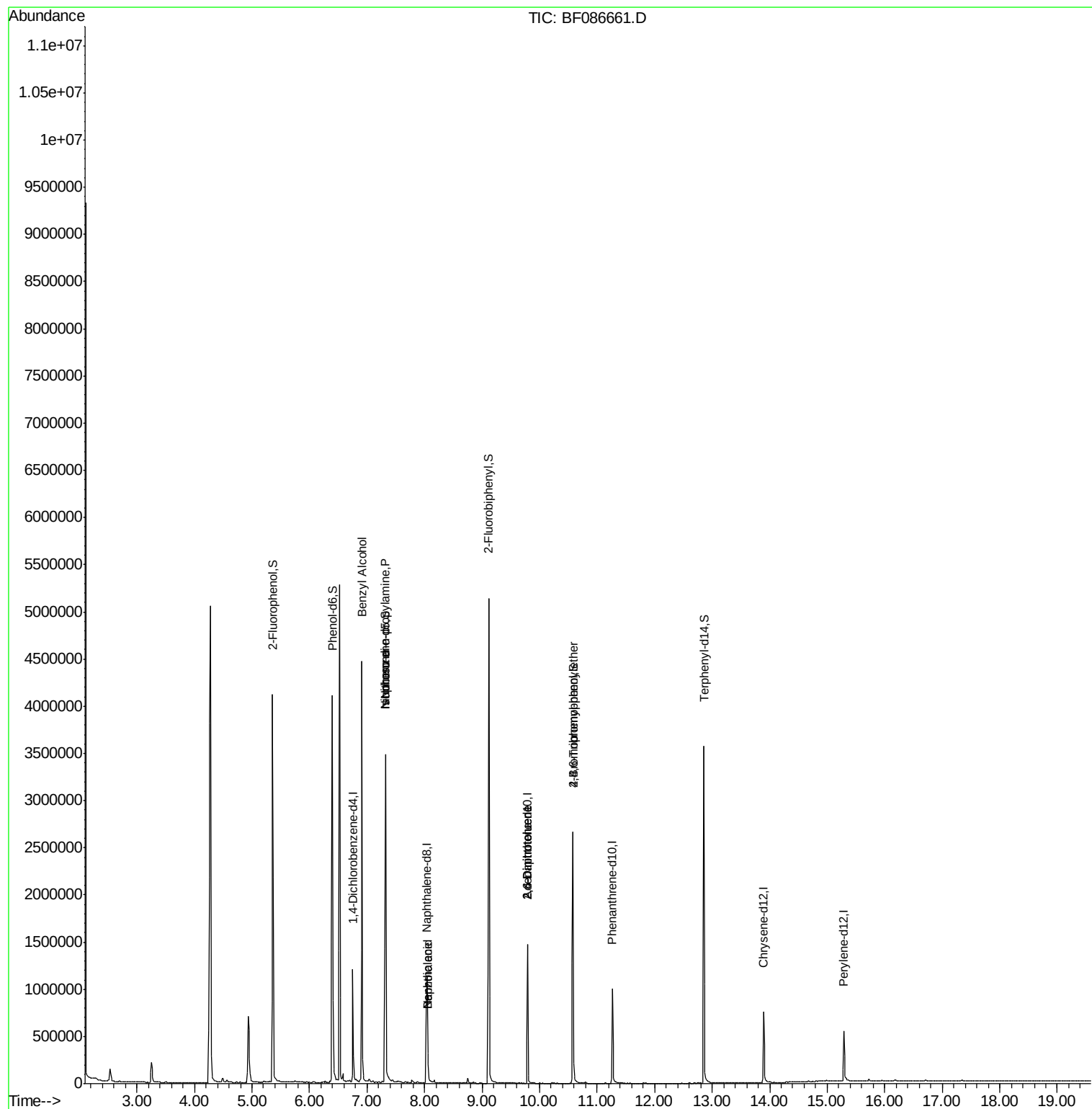
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	171786	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	689174	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	292377	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	434515	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	337340	20.00	ng	-0.07
86) Perylene-d12	15.29	264	249893	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1321300	132.67	ng	-0.03
7) Phenol-d6	6.40	99	1497918	107.76	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1229368	96.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	346048	112.23	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1621462	100.89	ng	-0.06
78) Terphenyl-d14	12.85	244	1188449	77.62	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.91	79	21627	2.46	ng	# 38
19) n-Nitroso-di-n-propylamine	7.32	70	171404	18.66	ng	# 76
25) Isophorone	7.32	82	868209	35.28	ng	# 68
31) Naphthalene	8.05	128	146557	4.18	ng	# 99
32) Benzoic acid	8.05	122	238	8.81	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	35929	7.90	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	35931	6.20	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	21287	4.75	ng	# 1

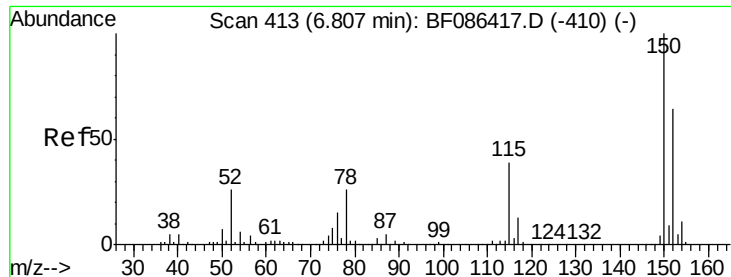
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

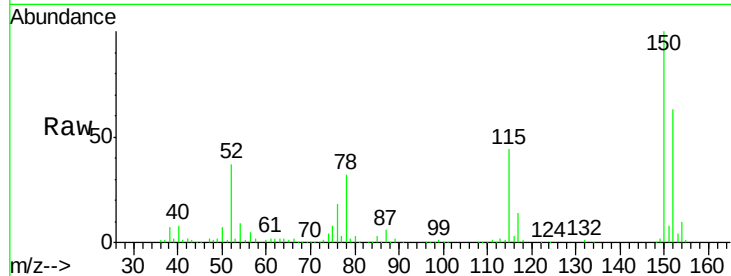
Tgt Ion:152 Resp: 171786

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.6

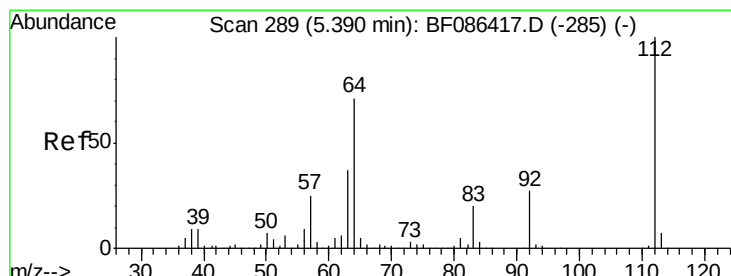
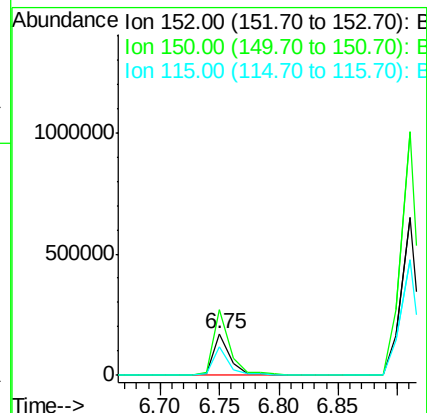
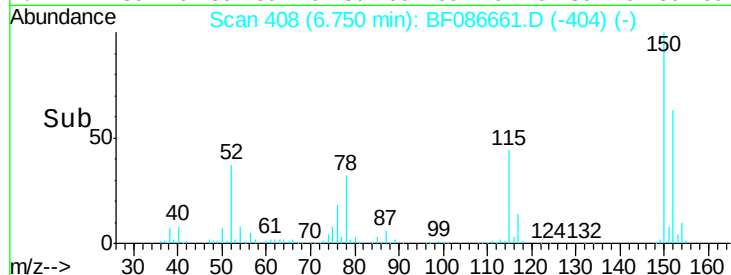
115 69.3 51.5 77.3



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: 132.67 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

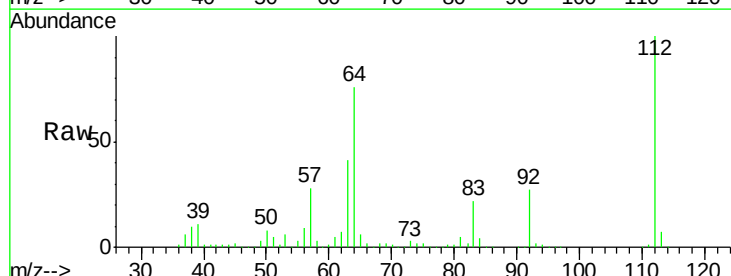
Tgt Ion:112 Resp: 1321300

Ion Ratio Lower Upper

112 100

64 75.6 52.1 78.1

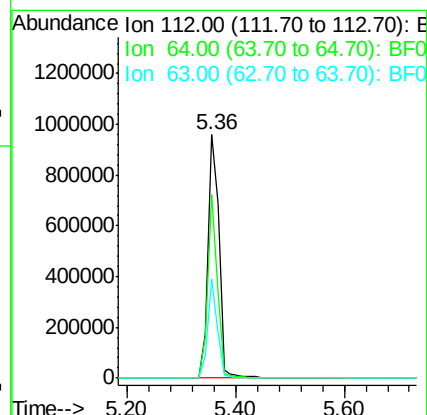
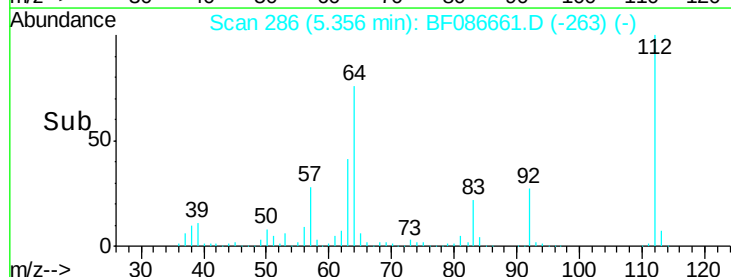
63 40.7 25.7 38.5

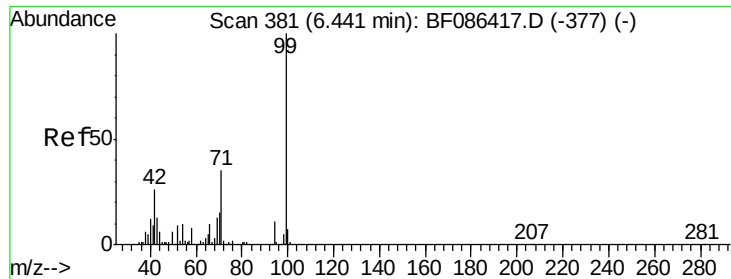


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.76 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

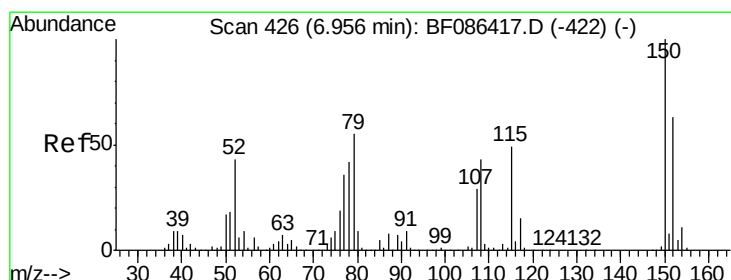
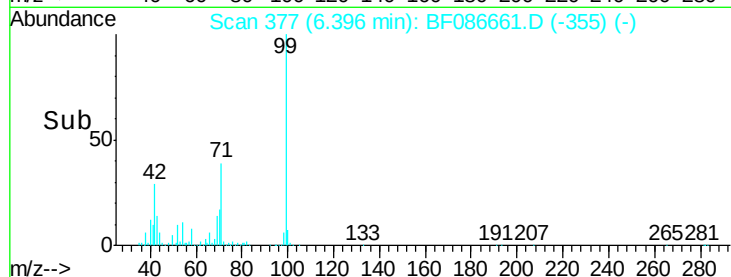
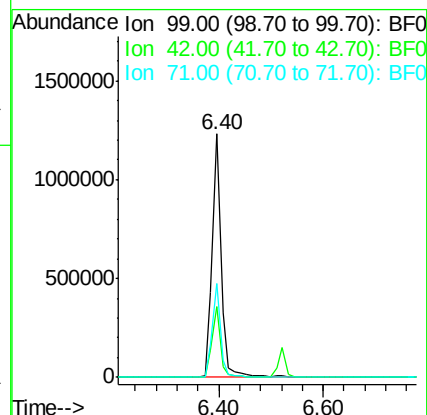
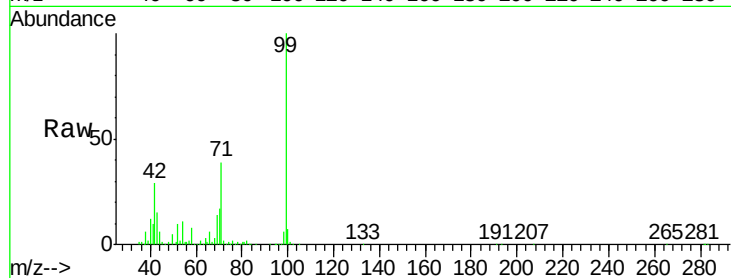
Tgt Ion: 99 Resp: 1497918

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

71 38.6 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.46 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

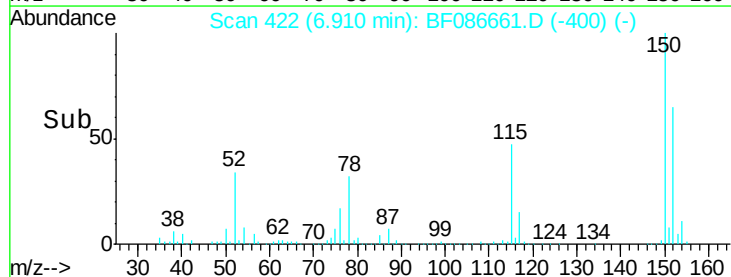
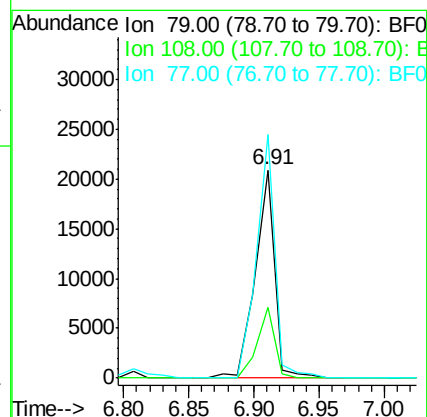
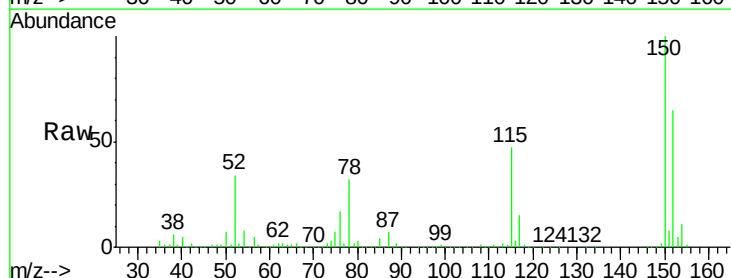
Tgt Ion: 79 Resp: 21627

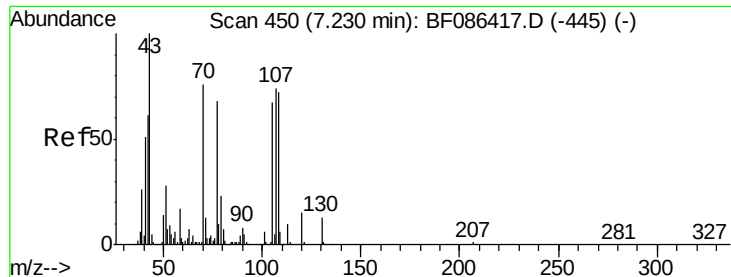
Ion Ratio Lower Upper

79 100

108 34.2 68.4 102.6#

77 117.0 50.6 76.0#

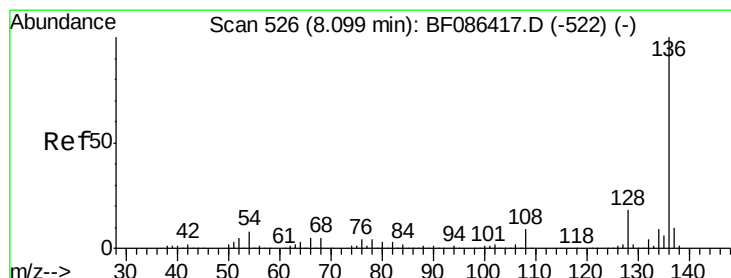
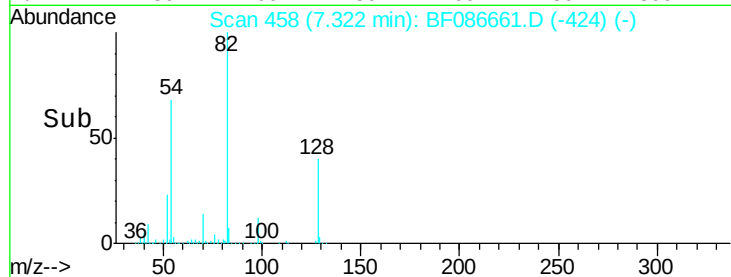
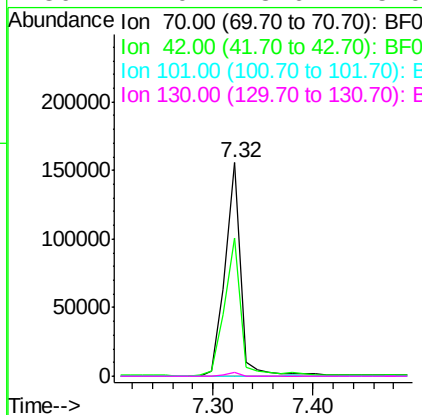
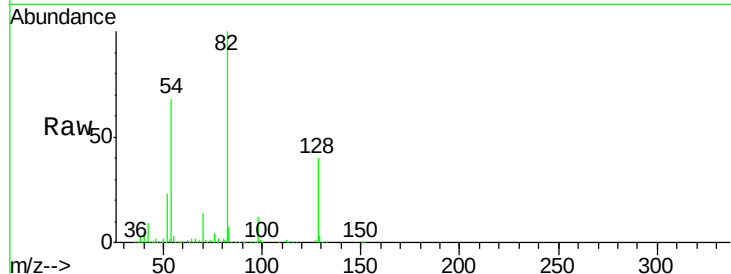




#19
n-Nitroso-di-n-propylamine
Concen: 18.66 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

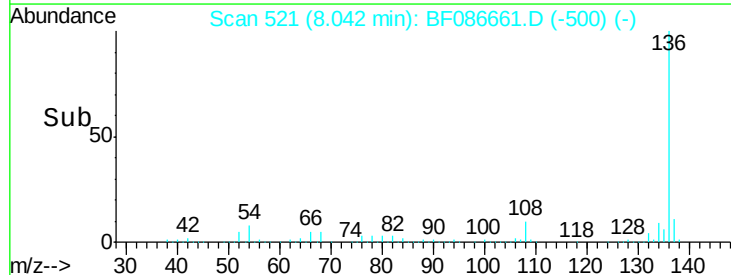
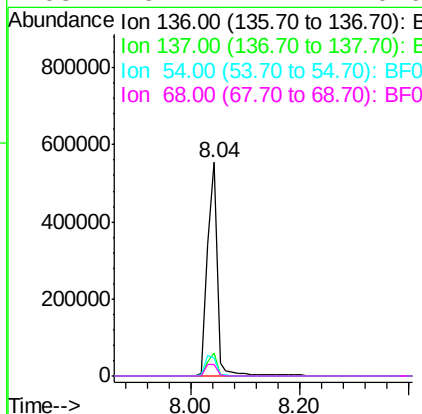
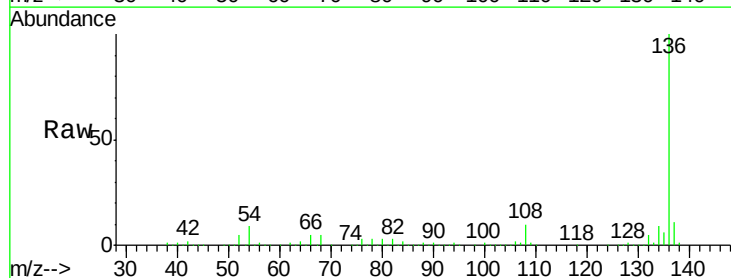
Instrument :
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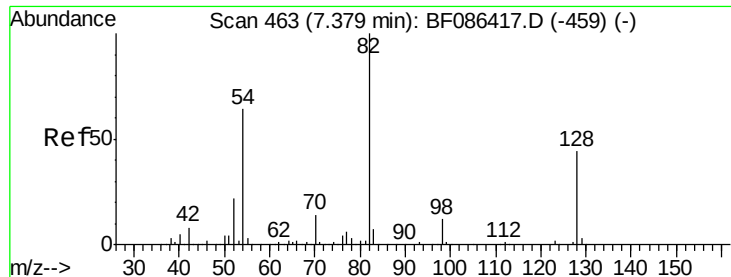
Tgt Ion: 70 Resp: 171404
Ion Ratio Lower Upper
70 100
42 64.6 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion: 136 Resp: 689174
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.6 5.0 7.4#
68 5.4 4.4 6.6

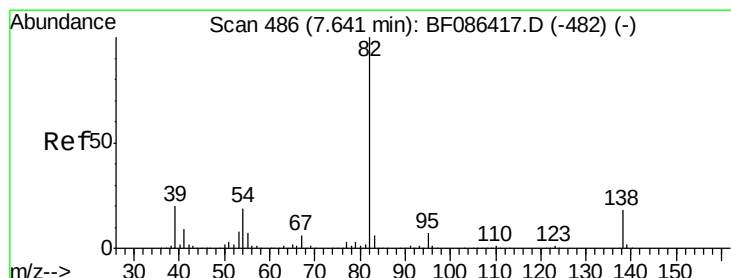
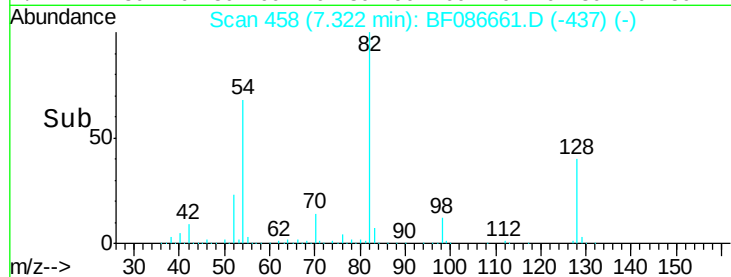
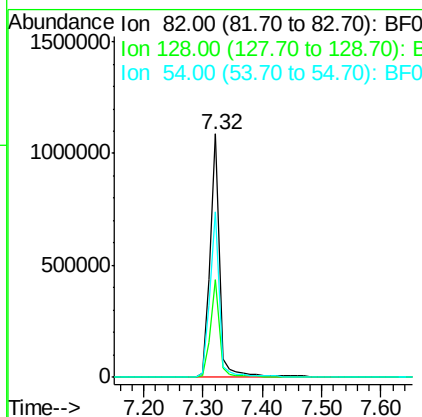
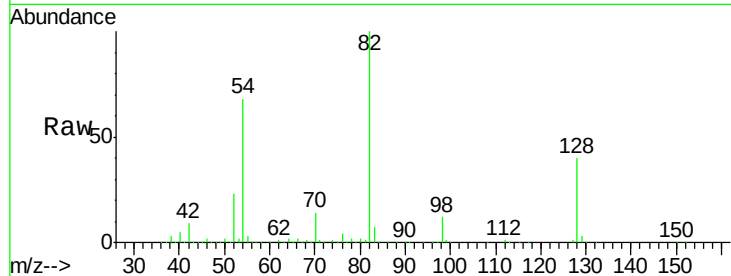




#23
Nitrobenzene-d5
Concen: 96.15 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

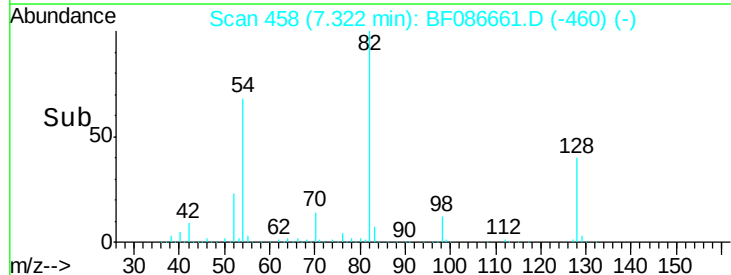
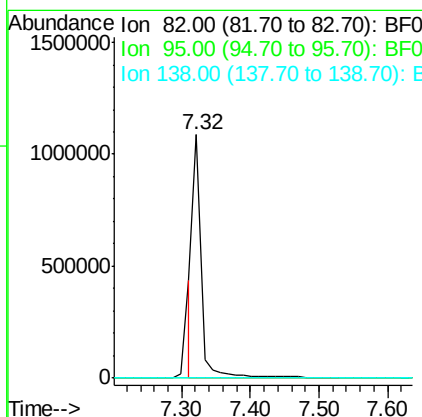
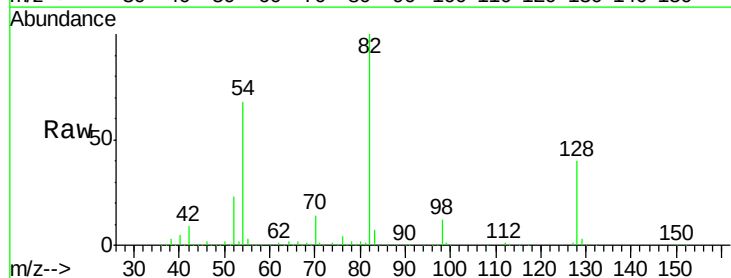
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

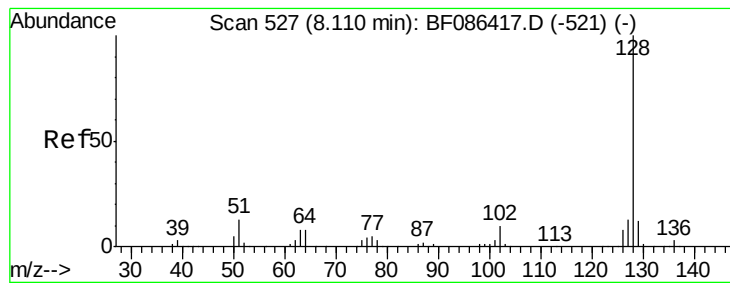
Tgt Ion: 82 Resp: 1229368
Ion Ratio Lower Upper
82 100
128 40.3 40.6 61.0#
54 67.8 38.1 57.1#



#25
Isophorone
Concen: 35.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion: 82 Resp: 868209
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 4.18 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.06 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

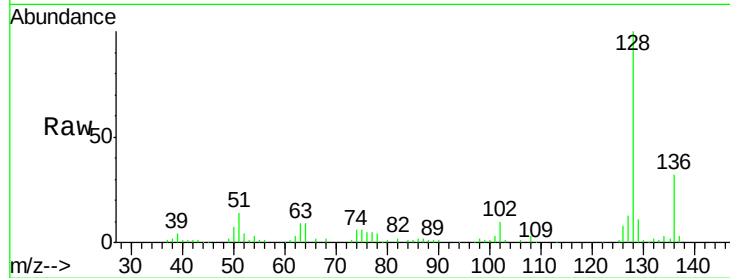
Tgt Ion:128 Resp: 146557

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

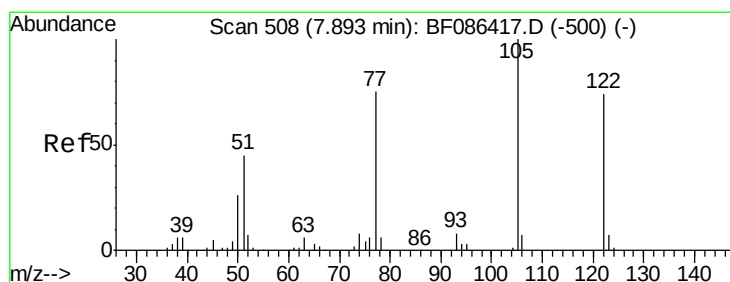
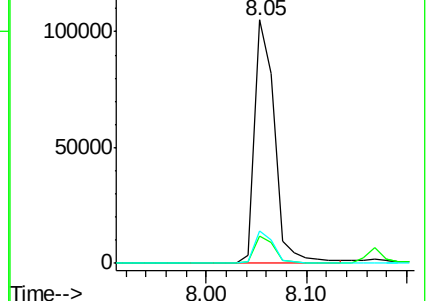
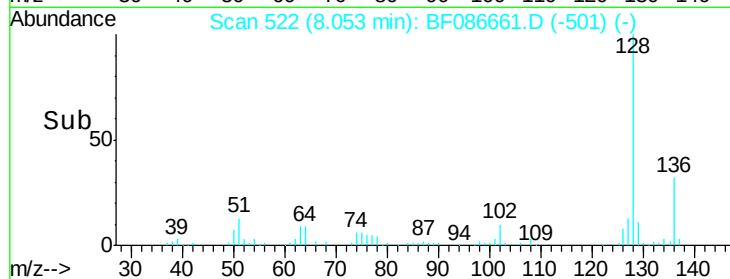
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.81 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.16 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

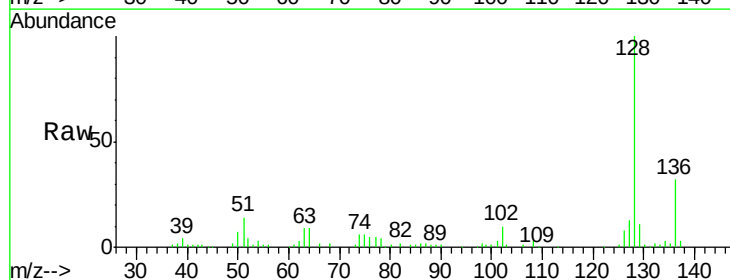
Tgt Ion:122 Resp: 238

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

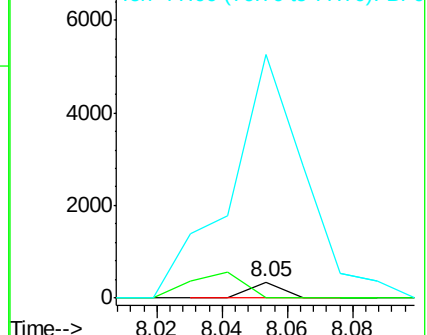
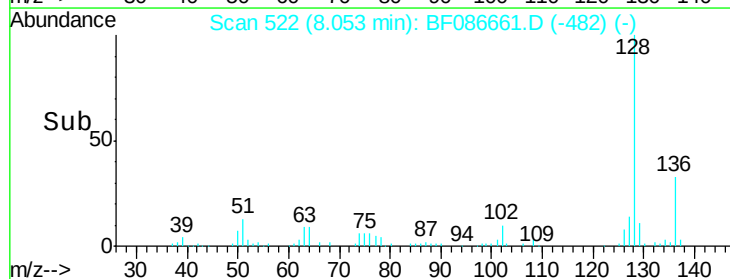
77 1515.3 60.0 100.0#

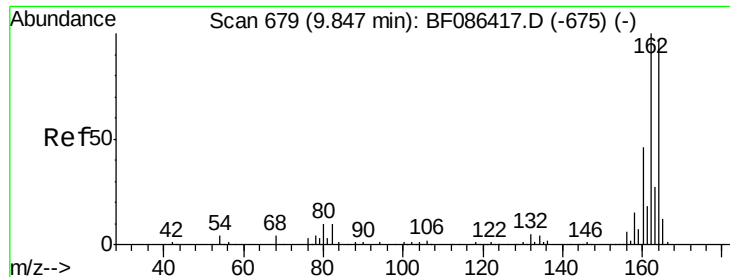


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

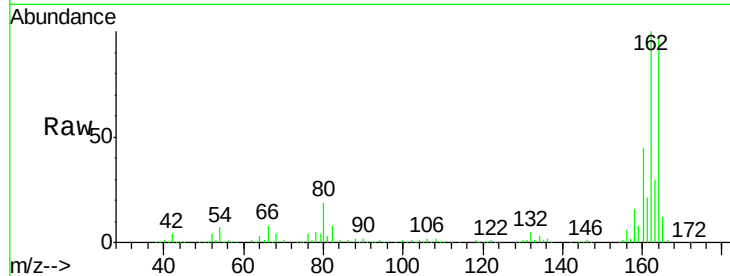




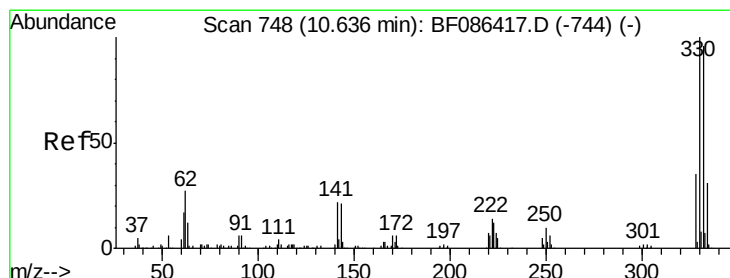
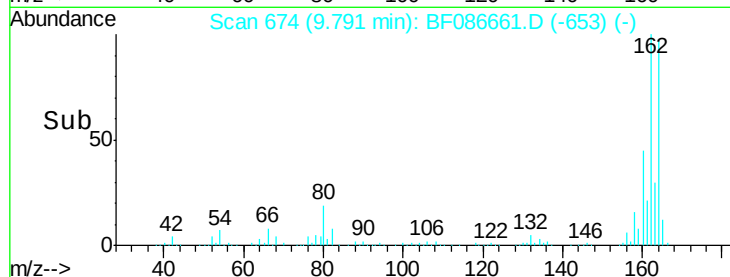
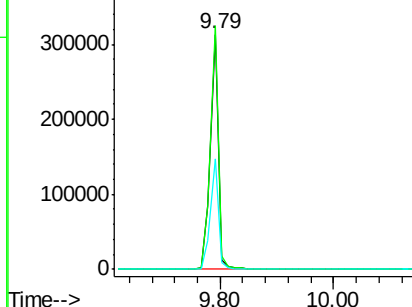
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086661.D
 Acq: 4 May 2016 00:26

Instrument :
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Tgt Ion:164 Resp: 292377
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 46.8 36.9 55.3

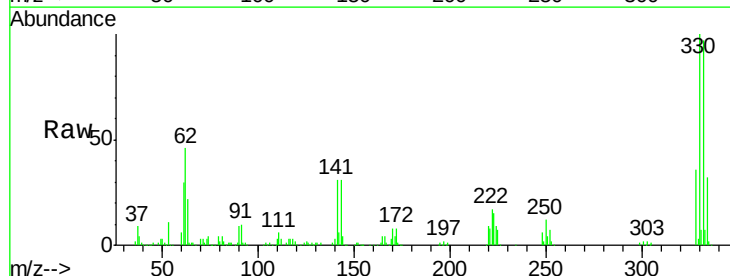


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

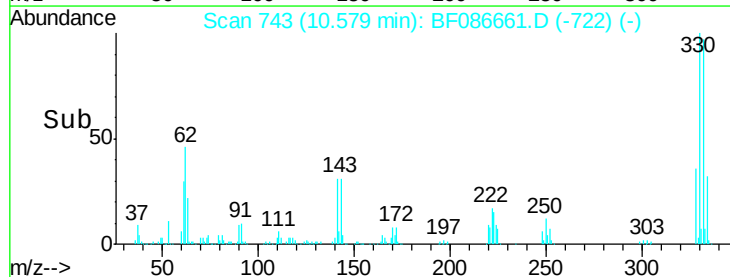
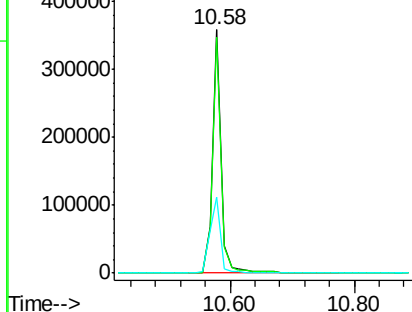


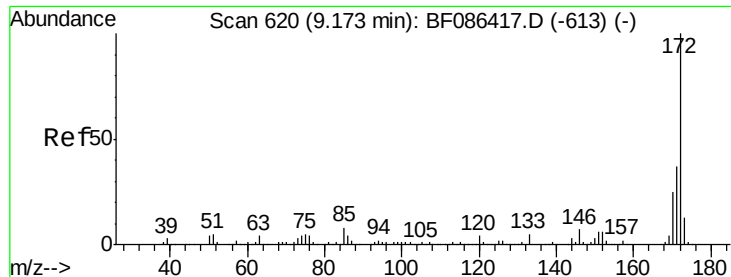
#41
 2,4,6-Tribromophenol
 Concen: 112.23 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086661.D
 Acq: 4 May 2016 00:26

Tgt Ion:330 Resp: 346048
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 39.0 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

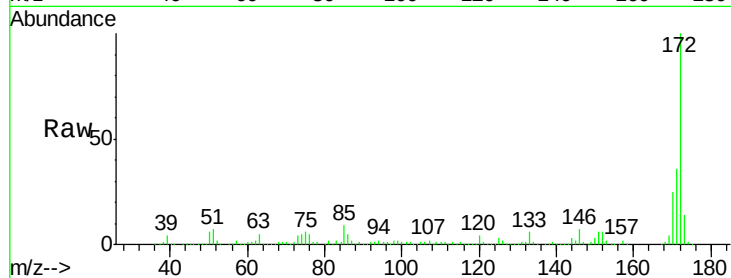




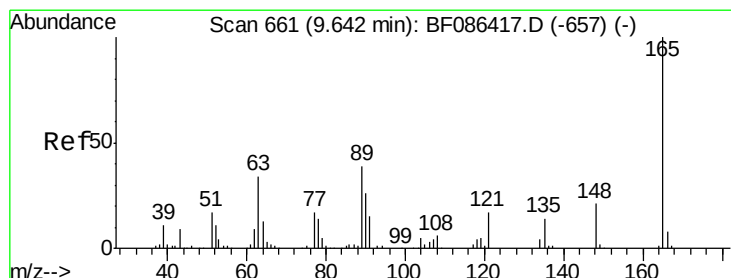
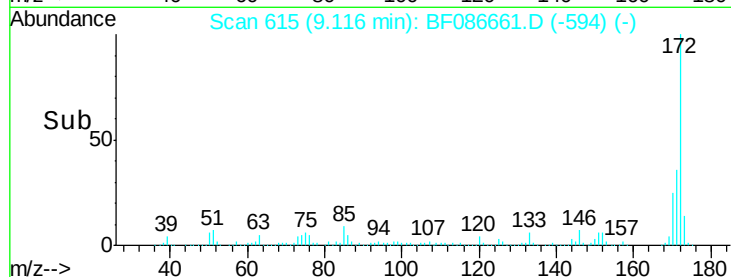
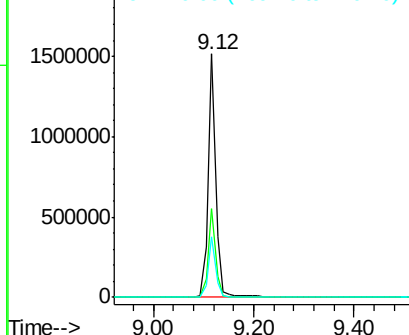
#44
 2-Fluorobiphenyl
 Concen: 100.89 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086661.D
 Acq: 4 May 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:172 Resp: 1621462
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.9 19.8 29.8

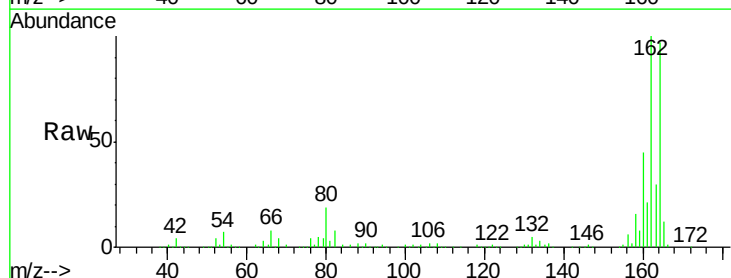


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

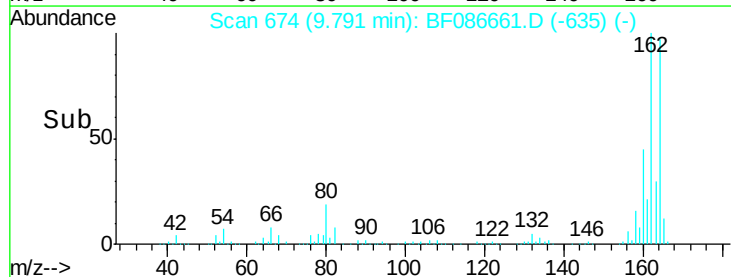
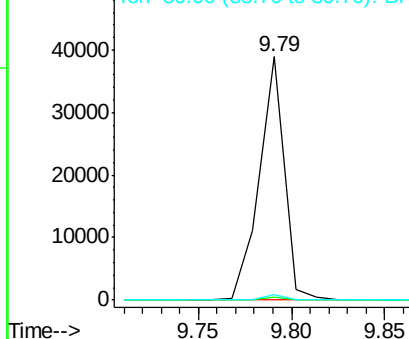


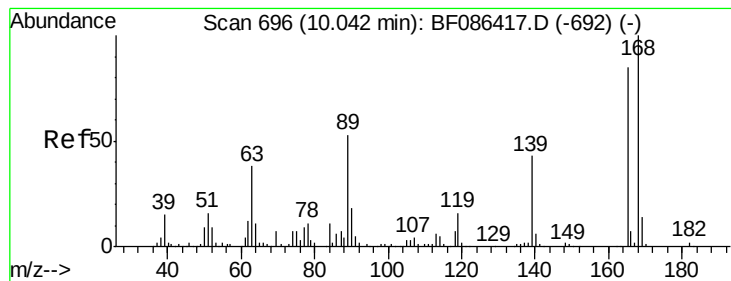
#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086661.D
 Acq: 4 May 2016 00:26

Tgt Ion:165 Resp: 35929
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 2.4 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: 6.20 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.25 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:165 Resp: 35931

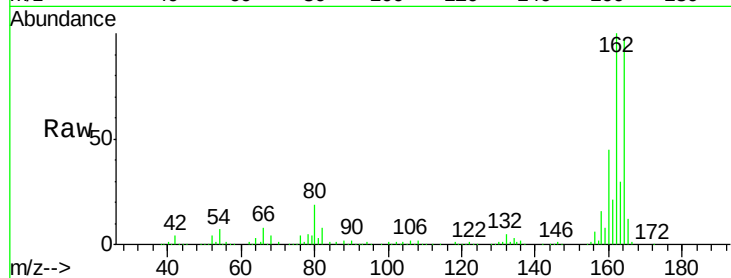
Ion Ratio Lower Upper

165 100

63 1.5 44.3 66.5#

89 2.4 70.0 105.0#

182 0.0 1.8 2.6#

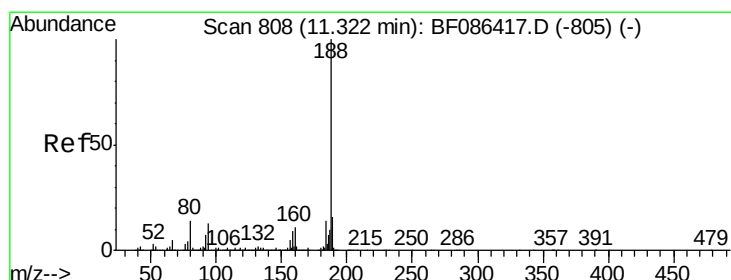
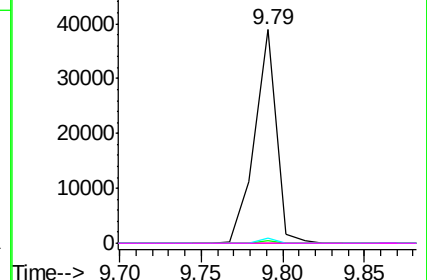
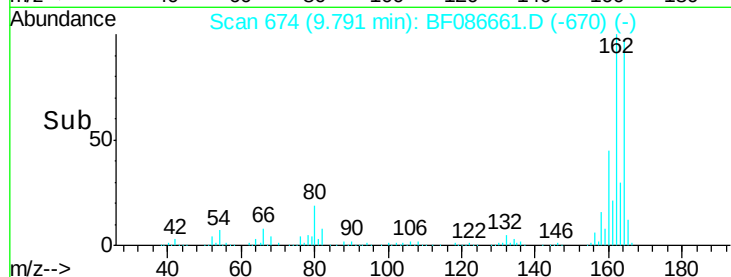


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.27 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

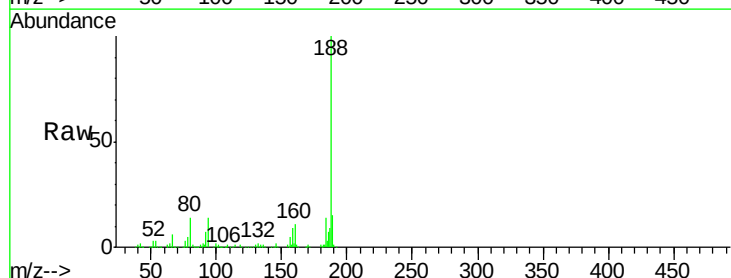
Tgt Ion:188 Resp: 434515

Ion Ratio Lower Upper

188 100

94 13.7 6.8 10.2#

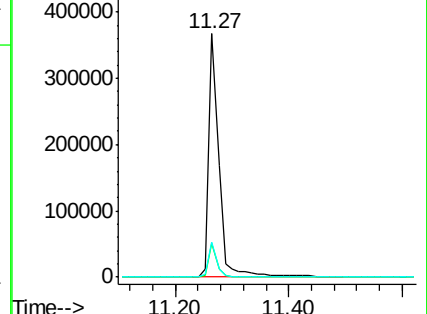
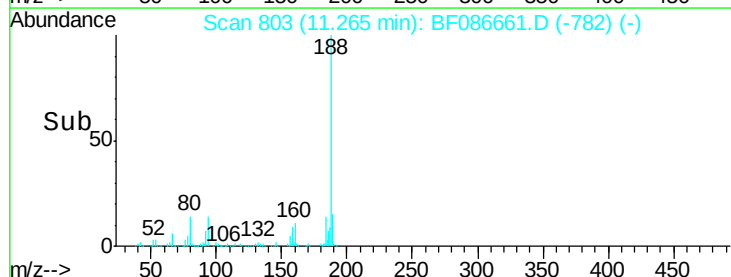
80 14.5 7.1 10.7#

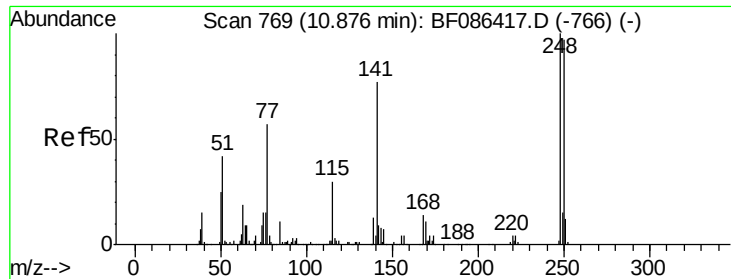


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

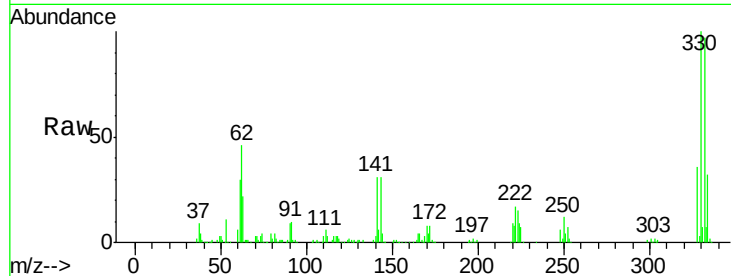




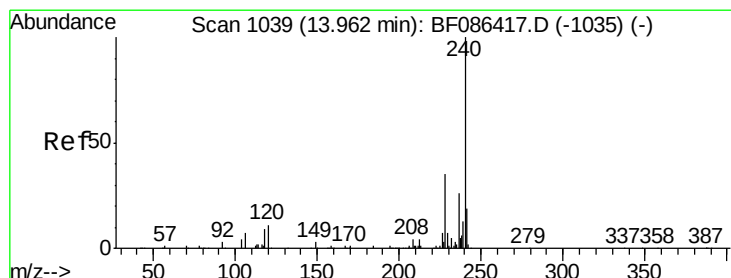
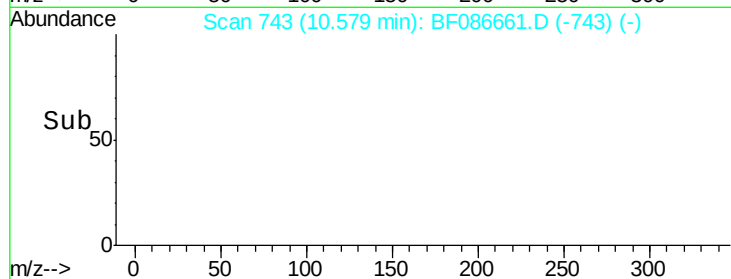
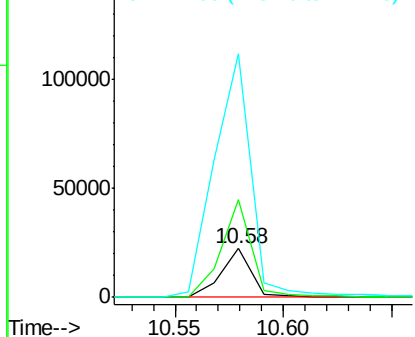
#66
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:248 Resp: 21287
Ion Ratio Lower Upper
248 100
250 200.3 78.6 117.8#
141 500.2 76.0 114.0#

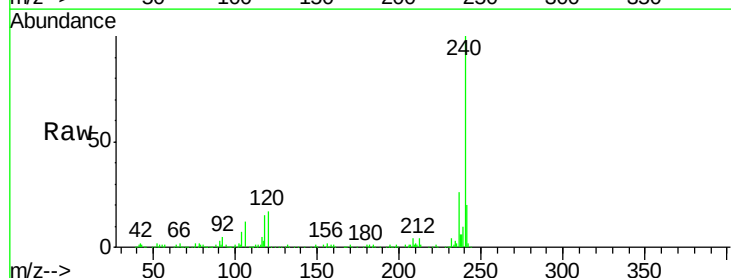


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

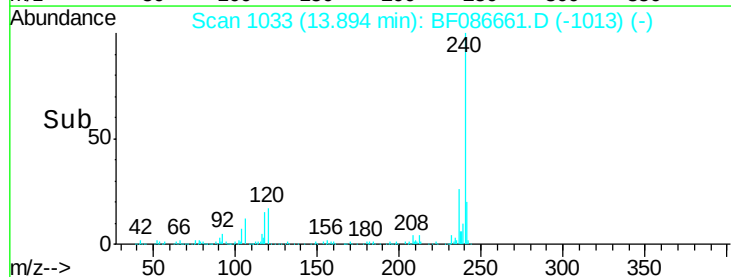
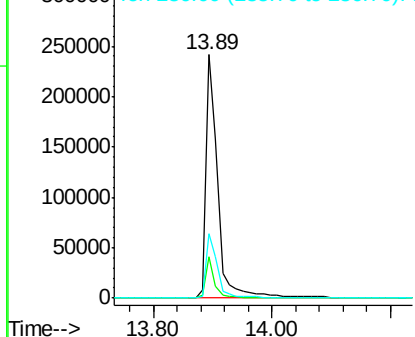


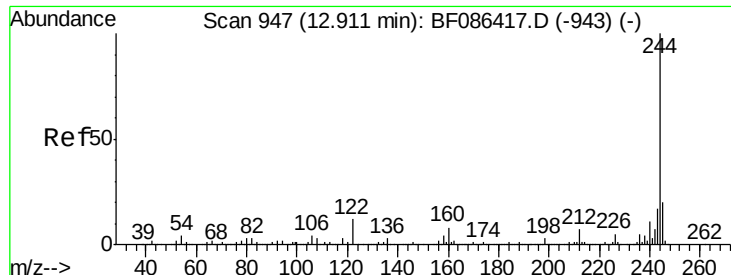
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:240 Resp: 337340
Ion Ratio Lower Upper
240 100
120 17.0 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: 77.62 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

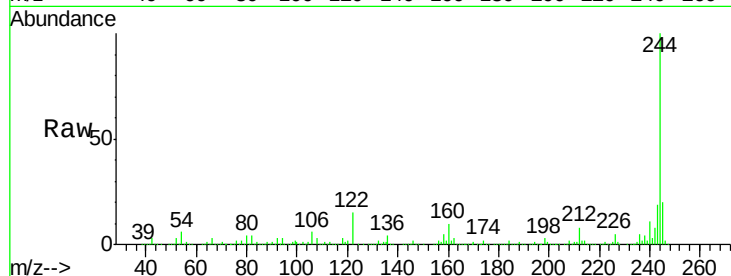
Tgt Ion:244 Resp: 1188449

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

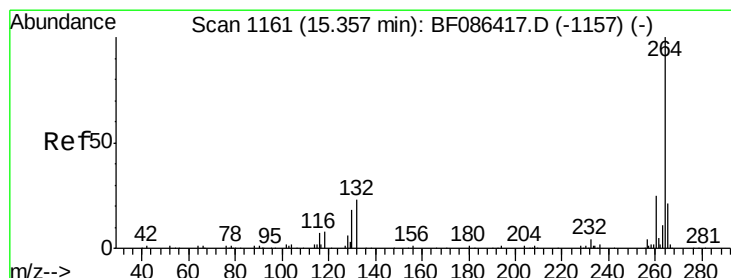
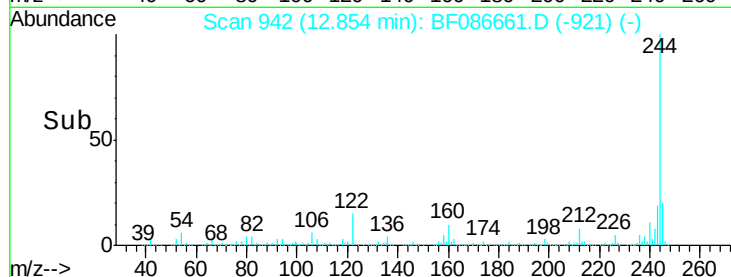
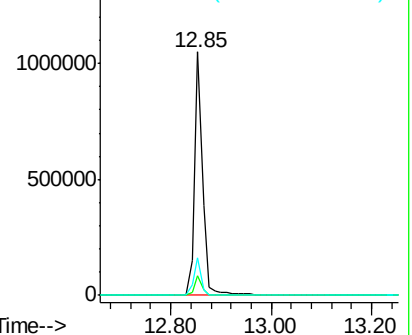
122 15.4 12.0 18.0



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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086661.D

Acq: 4 May 2016 00:26

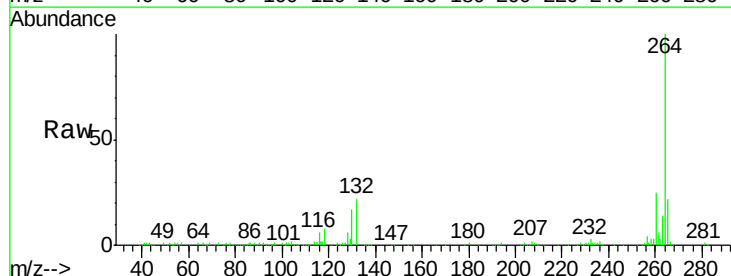
Tgt Ion:264 Resp: 249893

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 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

