

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086473.D
 Acq On : 28 Apr 2016 19:58
 Operator : UM/SJ
 Sample : H2654-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Quant Time: Apr 29 08:53:40 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

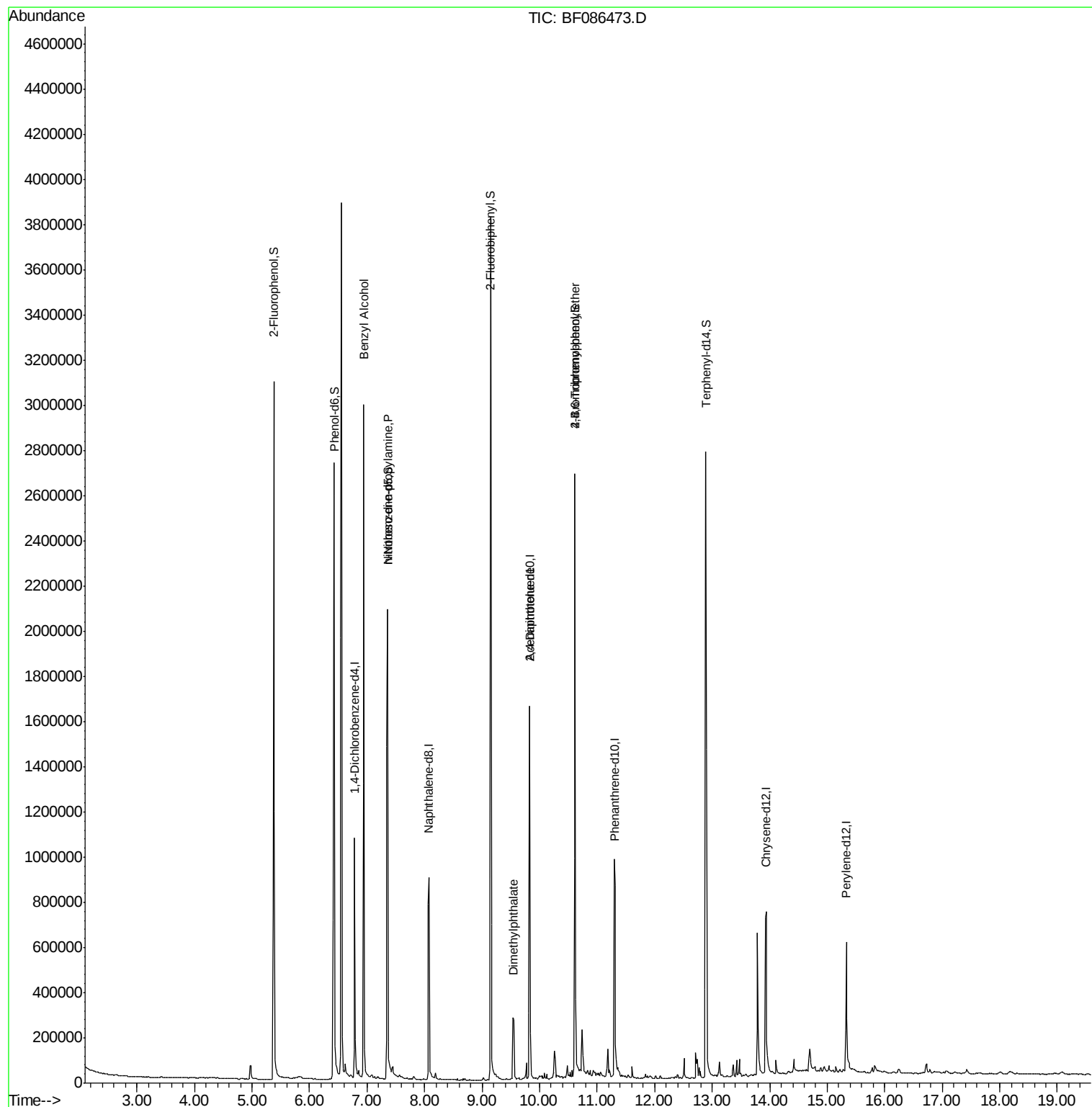
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	148111	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	623050	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	315690	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	567951	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	408148	20.00	ng	-0.02
86) Perylene-d12	15.33	264	290455	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	960863	111.90	ng	-0.01
7) Phenol-d6	6.43	99	1491074	124.42	ng	-0.01
23) Nitrobenzene-d5	7.36	82	951352	82.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	329358	98.93	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1264055	66.62	ng	-0.02
78) Terphenyl-d14	12.89	244	1091557	58.92	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.94	79	15562	2.05	ng	# 39
19) n-Nitroso-di-n-propylamine	7.36	70	127017	16.03	ng	# 81
49) Dimethylphthalate	9.55	163	172027	7.24	ng	98
56) 2,4-Dinitrotoluene	9.82	165	39414	6.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	20054	3.43	ng	# 1

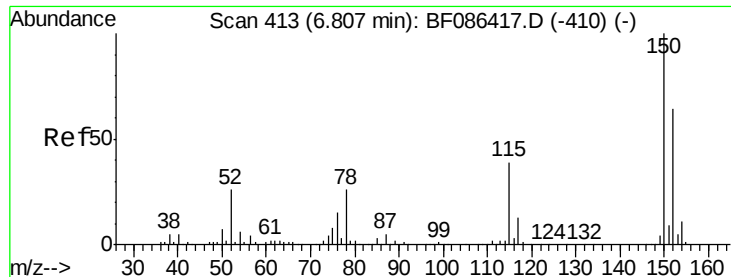
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

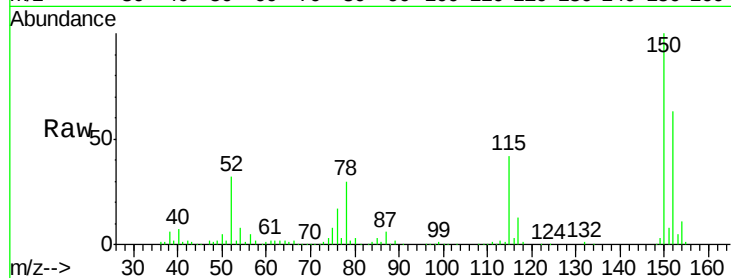
Tot Ion:152 Resp: 148111

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

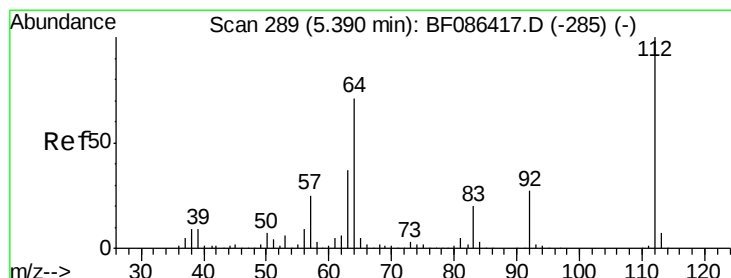
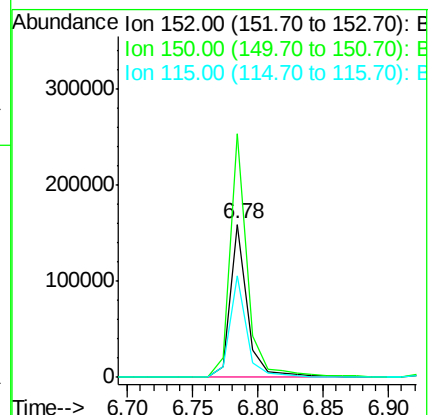
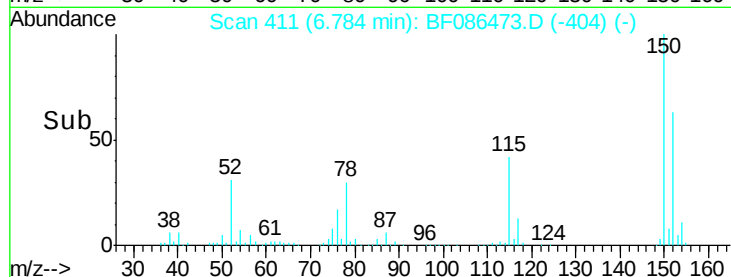
115 66.2 51.5 77.3



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: 111.90 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

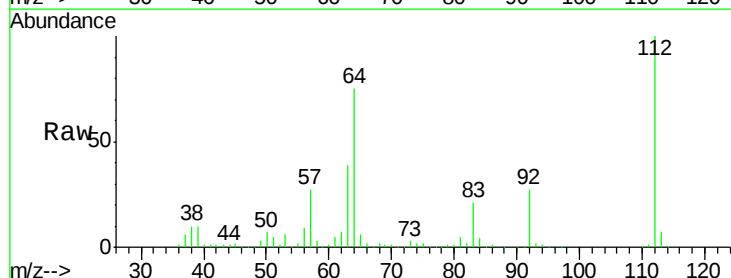
Tgt Ion:112 Resp: 960863

Ion Ratio Lower Upper

112 100

64 74.6 52.1 78.1

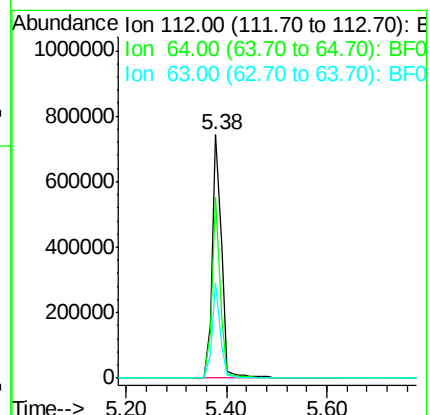
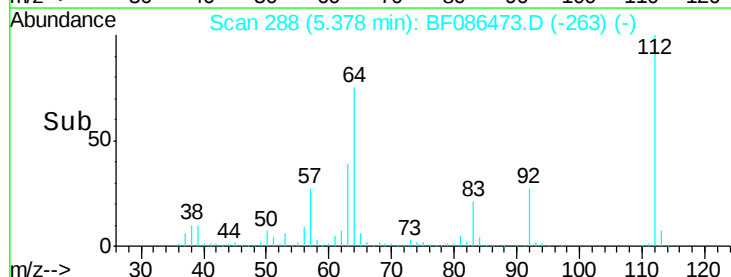
63 39.1 25.7 38.5#

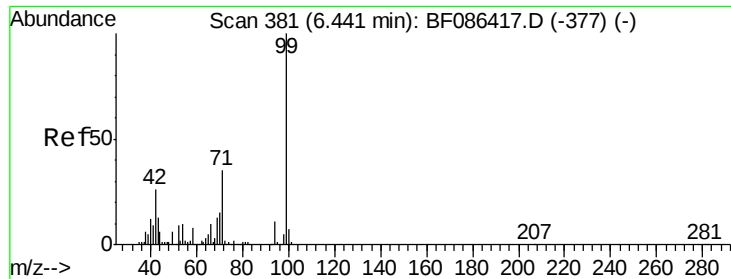


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.42 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

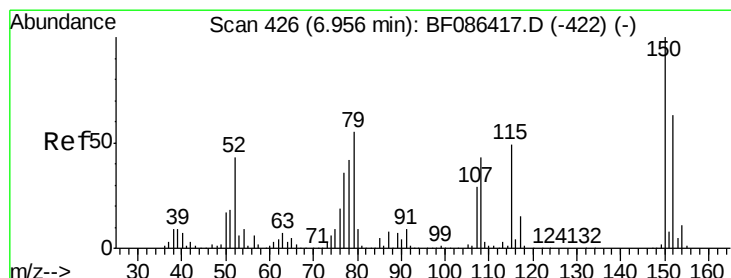
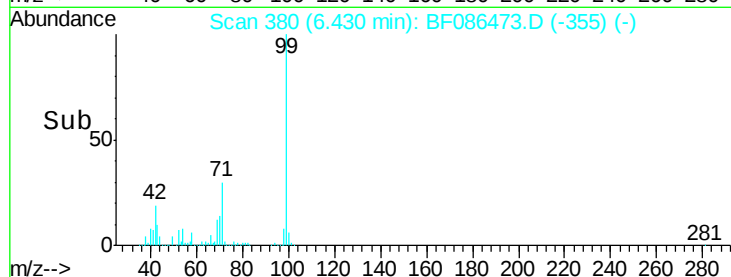
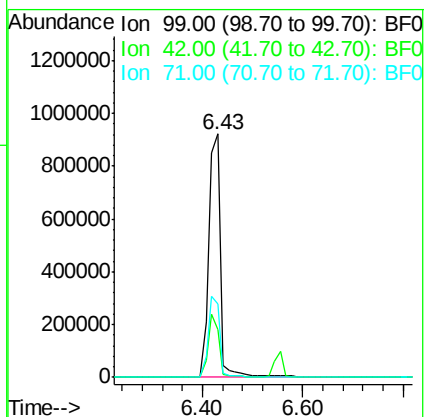
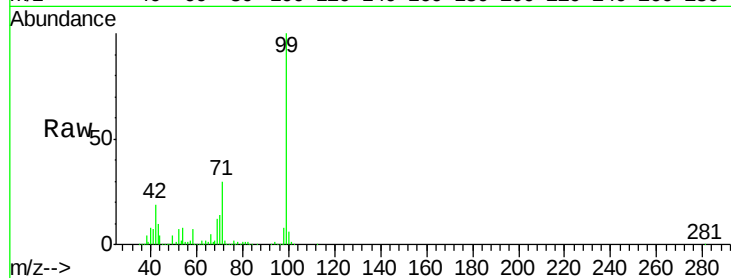
Tot Ion: 99 Resp: 1491074

Ion Ratio Lower Upper

99 100

42 19.4 13.6 20.4

71 30.3 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

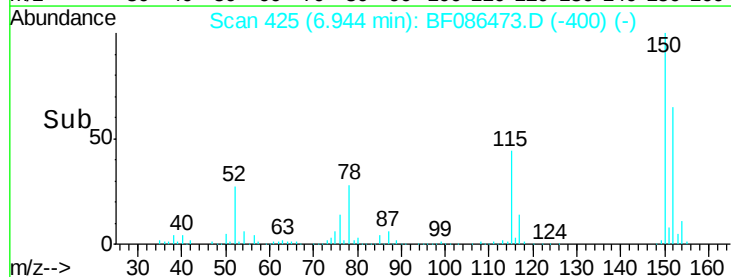
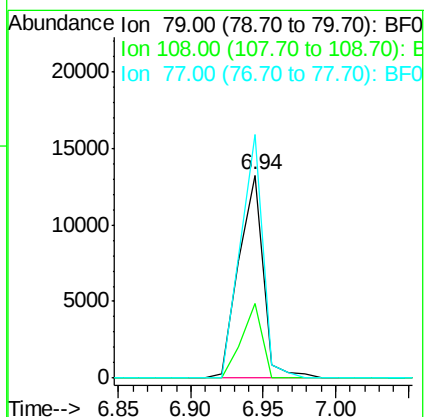
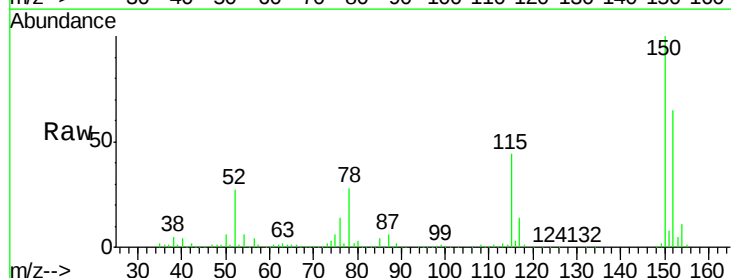
Tgt Ion: 79 Resp: 15562

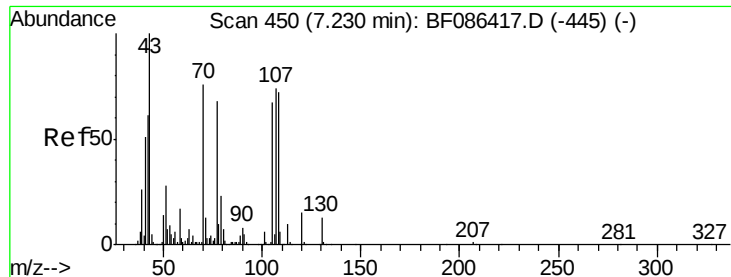
Ion Ratio Lower Upper

79 100

108 36.9 68.4 102.6#

77 120.0 50.6 76.0#

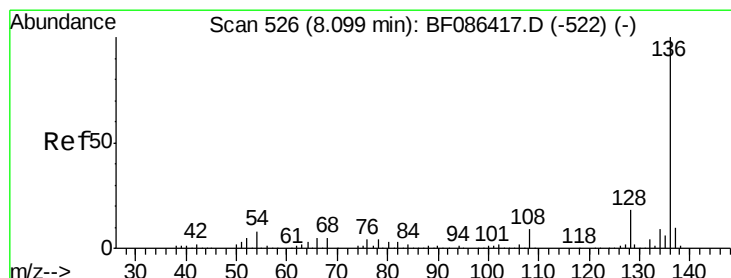
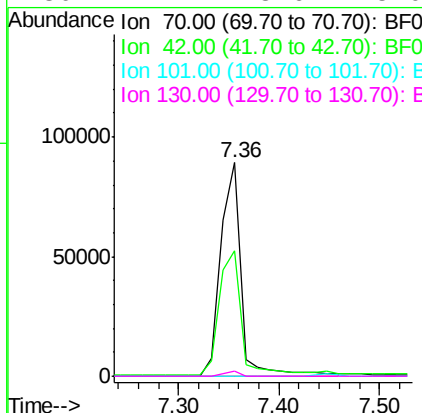
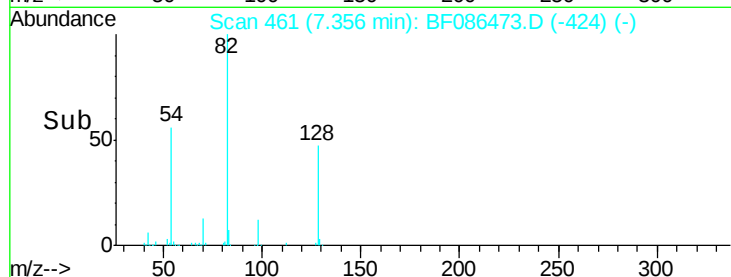
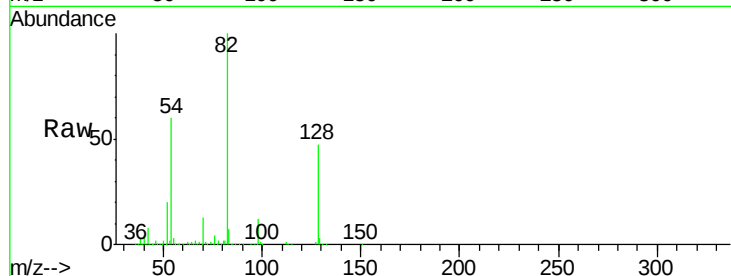




#19
n-Nitroso-di-n-propylamine
Concen: 16.03 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.13 min
Lab File: BF086473.D
Acq: 28 Apr 2016 19:58

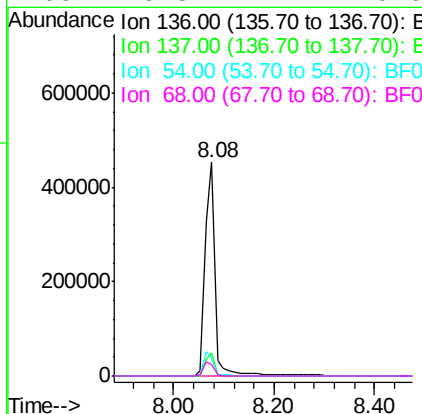
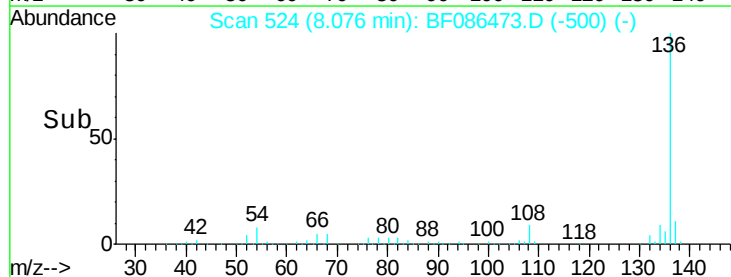
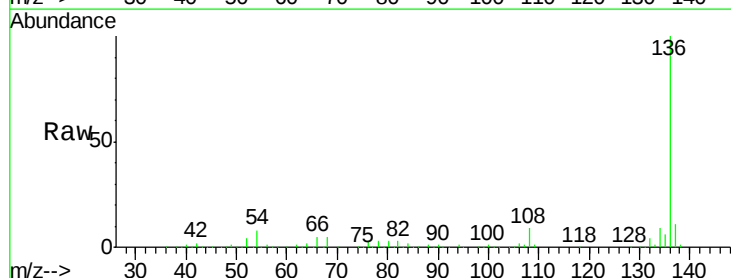
Instrument :
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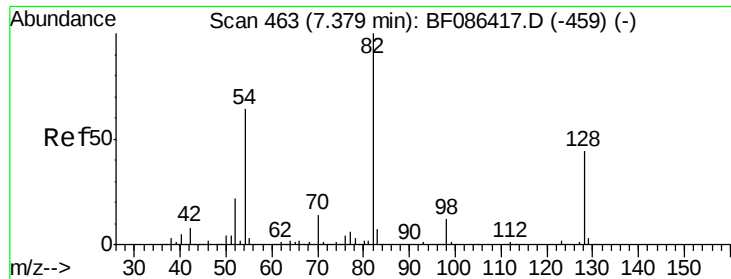
Tot Ion: 70 Resp: 127017
Ion Ratio Lower Upper
70 100
42 58.8 43.1 64.7
101 0.0 8.1 12.1#
130 2.1 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086473.D
Acq: 28 Apr 2016 19:58

Tgt Ion:136 Resp: 623050
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.3 5.0 7.4#
68 5.3 4.4 6.6

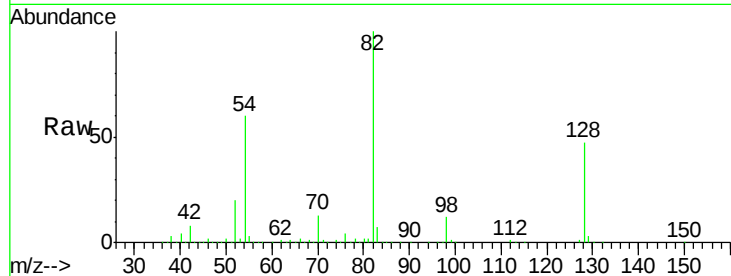




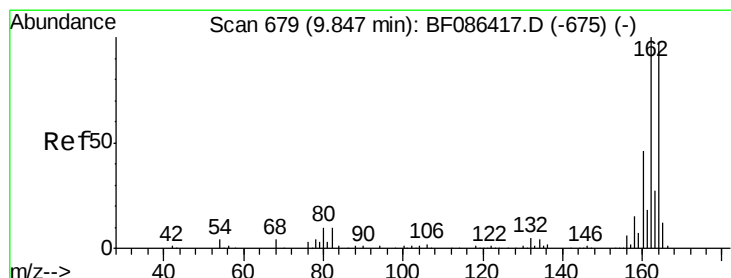
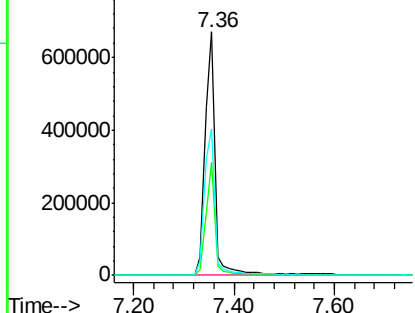
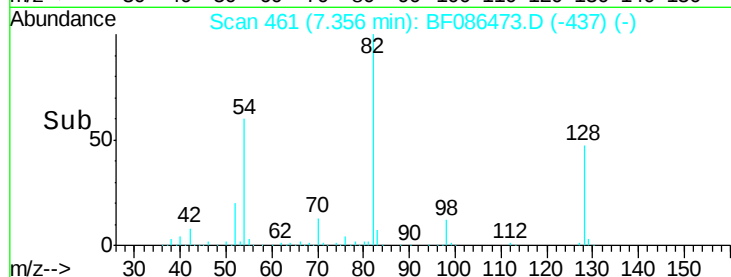
#23
 Nitrobenzene-d5
 Concen: 82.30 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF086473.D
 Acq: 28 Apr 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Tot Ion: 82 Resp: 951352
 Ion Ratio Lower Upper
 82 100
 128 46.7 40.6 61.0
 54 60.1 38.1 57.1#

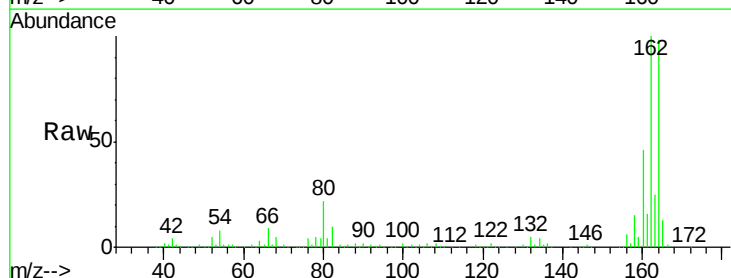


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

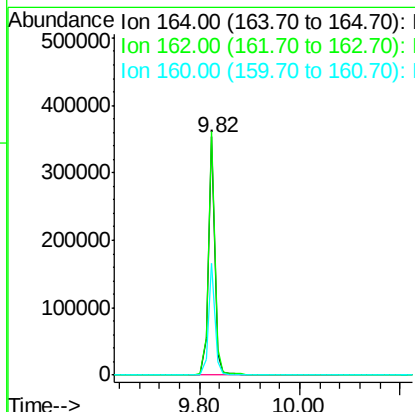
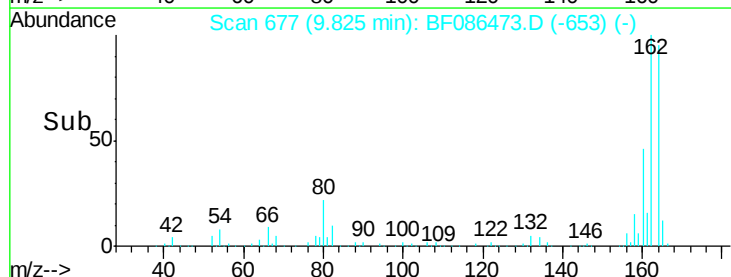


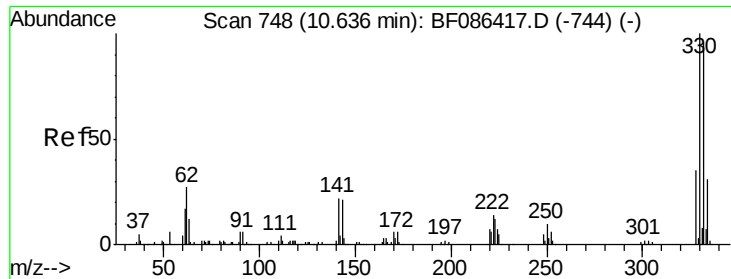
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086473.D
 Acq: 28 Apr 2016 19:58

Tgt Ion:164 Resp: 315690
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.8 124.2
 160 47.0 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

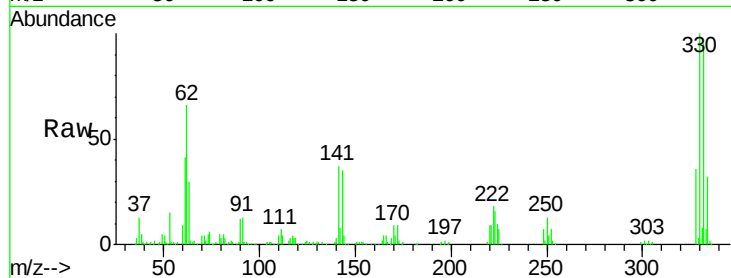




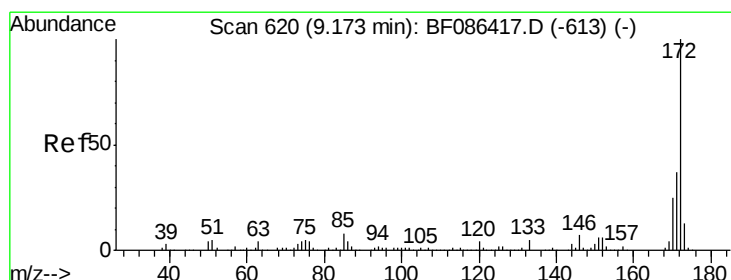
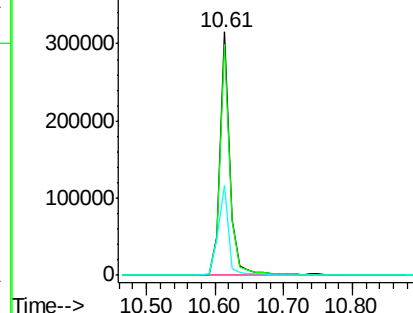
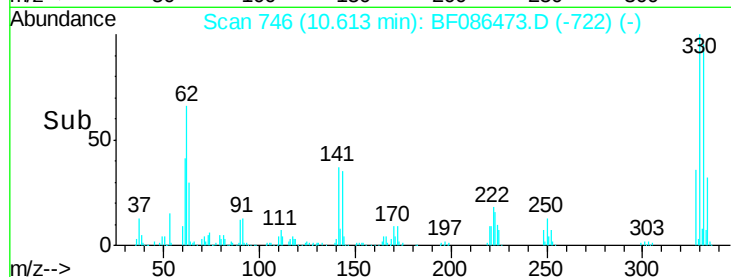
#41
 2,4,6-Tribromophenol
 Concen: 98.93 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086473.D
 Acq: 28 Apr 2016 19:58

Instrument :
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 ClientSampleId :
 26WARD-1A-CS-1(0-25FTBGS)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	38.7	31.2	46.8

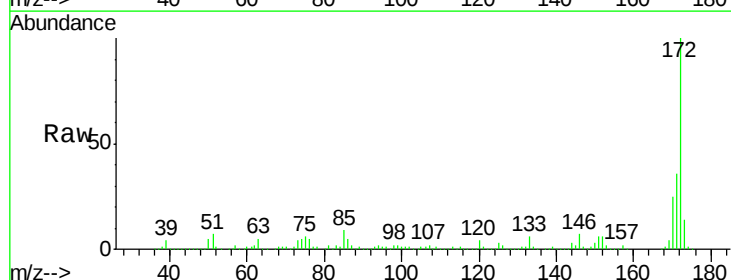


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

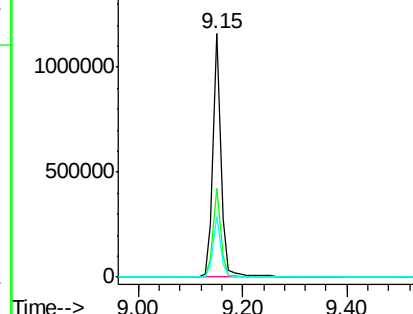
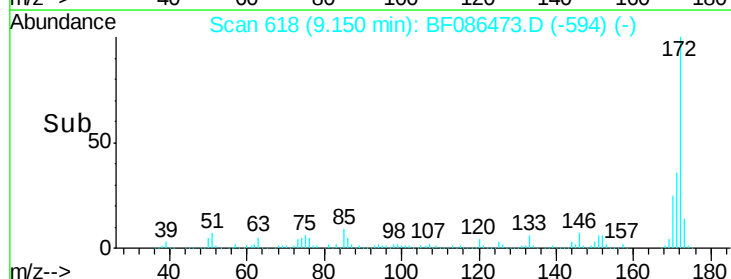


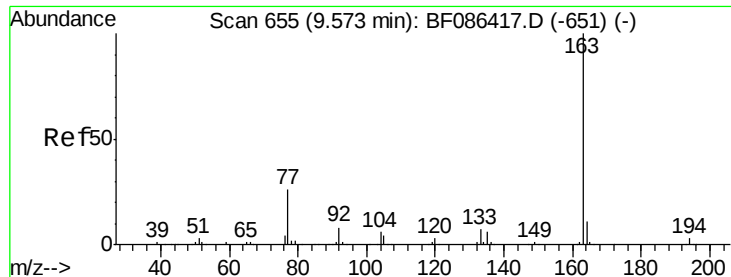
#44
 2-Fluorobiphenyl
 Concen: 66.62 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086473.D
 Acq: 28 Apr 2016 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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





#49

Dimethylphthalate

Concen: 7.24 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

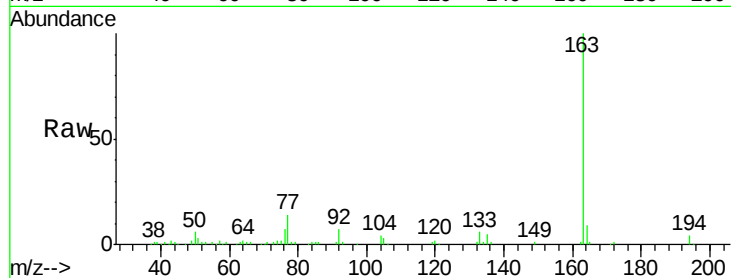
Tot Ion:163 Resp: 172027

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

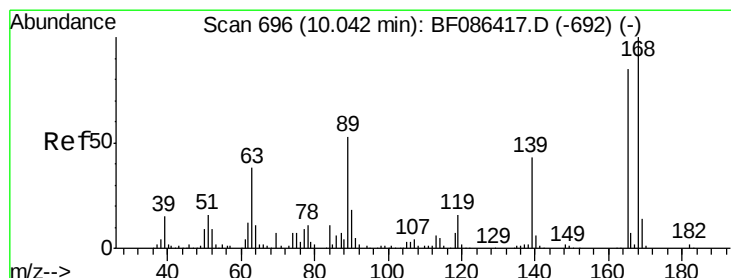
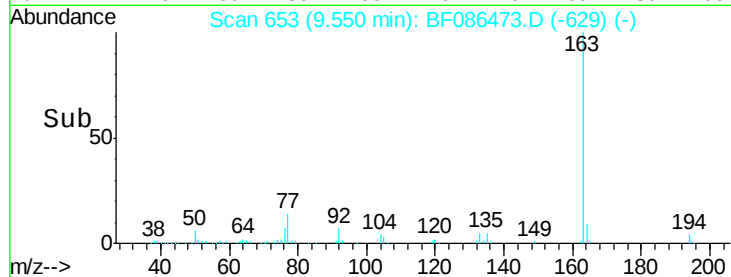
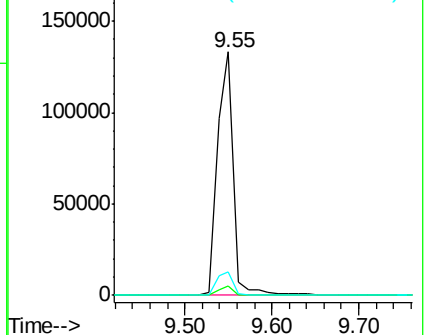
164 9.5 8.2 12.4



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: 6.30 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.22 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

Tgt Ion:165 Resp: 39414

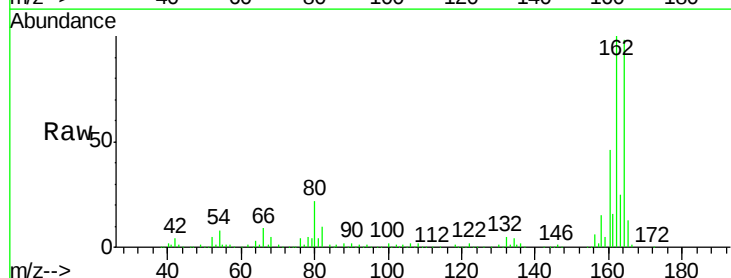
Ion Ratio Lower Upper

165 100

63 1.7 44.3 66.5#

89 1.6 70.0 105.0#

182 0.0 1.8 2.6#

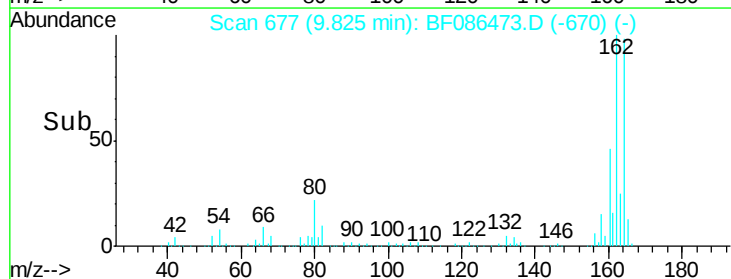
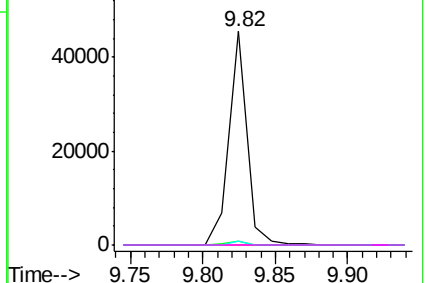


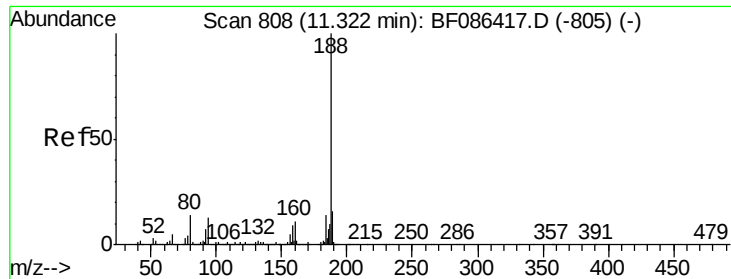
Abundance Ion 165.00 (164.70 to 165.70): E

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

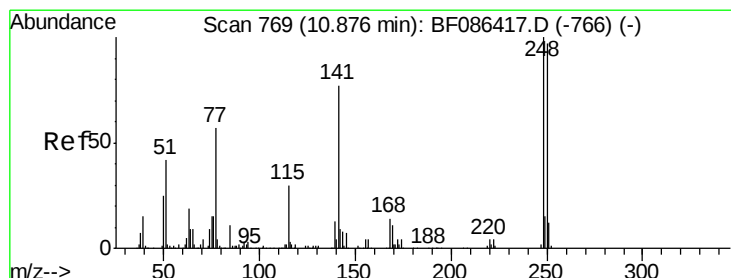
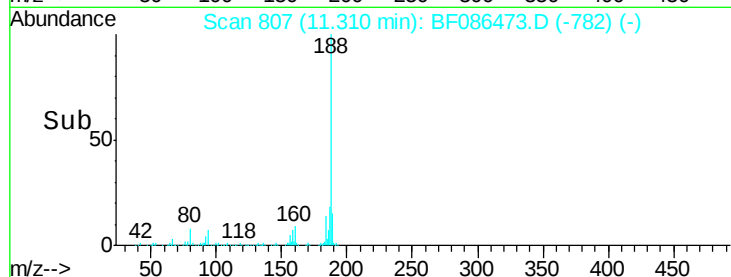
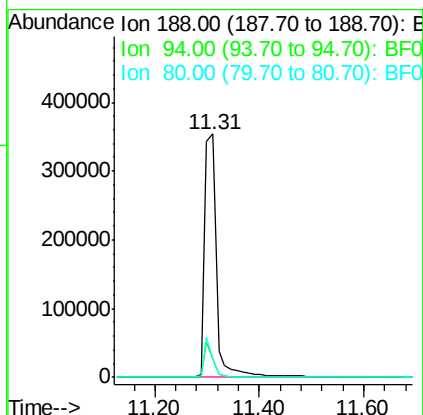
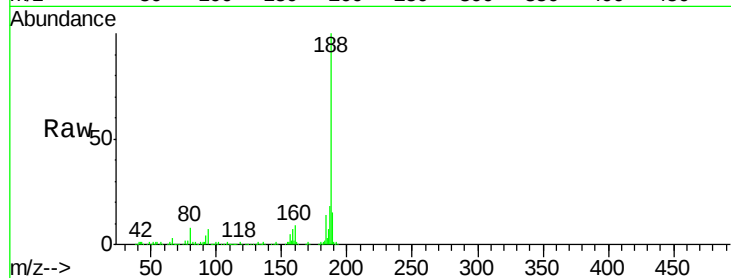




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086473.D
Acq: 28 Apr 2016 19:58

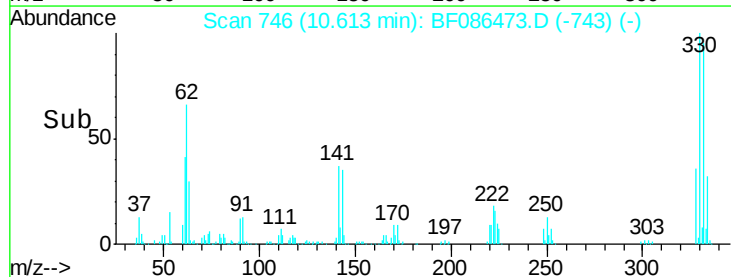
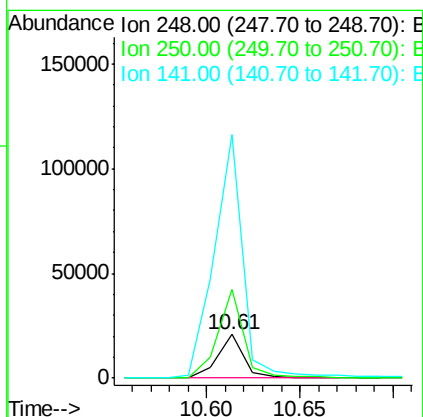
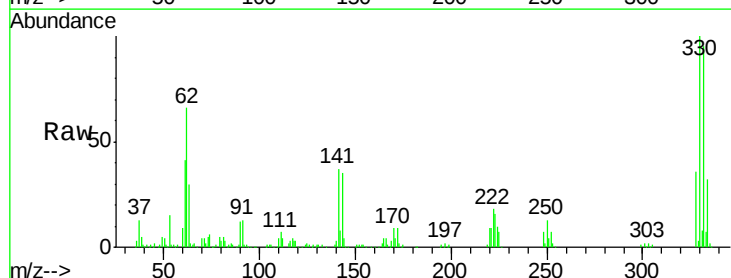
Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

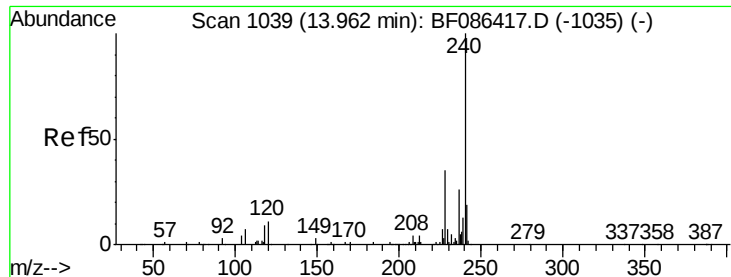
Tot Ion:188 Resp: 567951
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.1 10.7



#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.26 min
Lab File: BF086473.D
Acq: 28 Apr 2016 19:58

Tgt Ion:248 Resp: 20054
Ion Ratio Lower Upper
248 100
250 203.3 78.6 117.8#
141 559.9 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

Instrument :

BNA_F

ClientSampleId :

26WARD-1A-CS-1(0-25FTBGS)

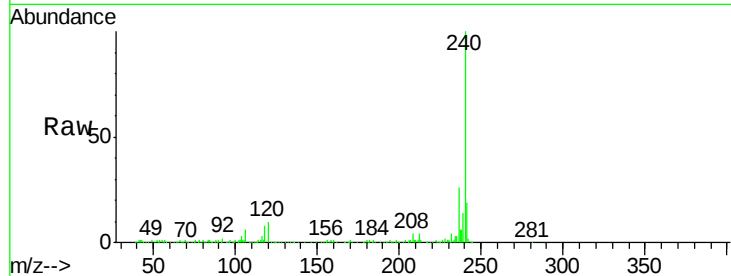
Tot Ion:240 Resp: 408148

Ion Ratio Lower Upper

240 100

120 9.7 11.2 16.8#

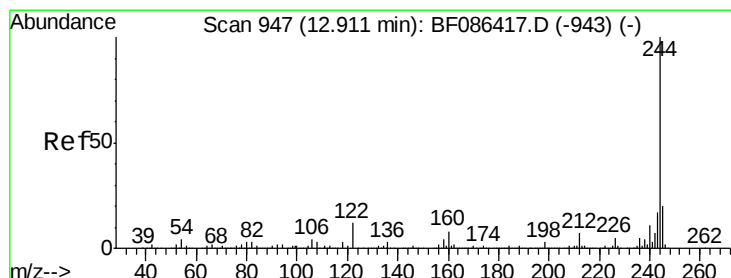
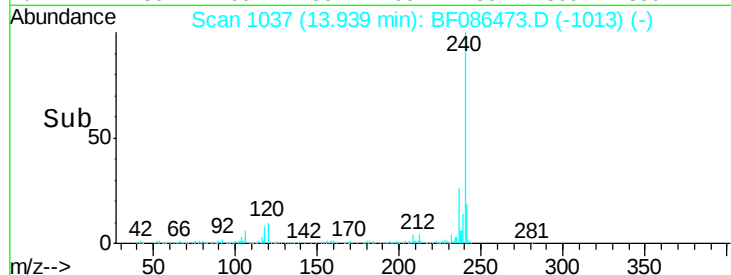
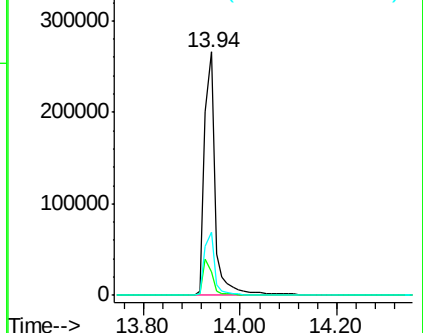
236 26.0 21.2 31.8



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: 58.92 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086473.D

Acq: 28 Apr 2016 19:58

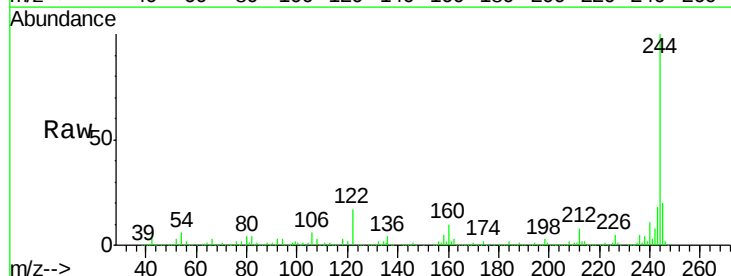
Tgt Ion:244 Resp: 1091557

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

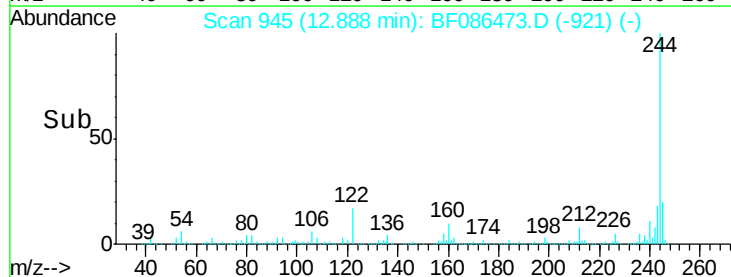
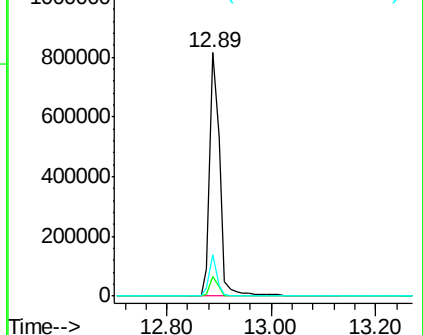
122 17.0 12.0 18.0

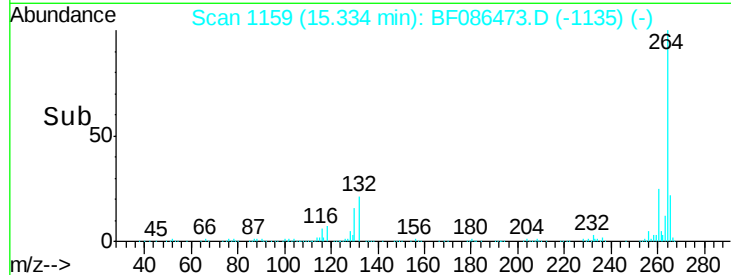
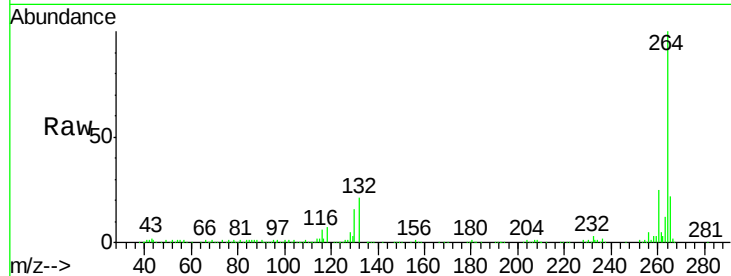
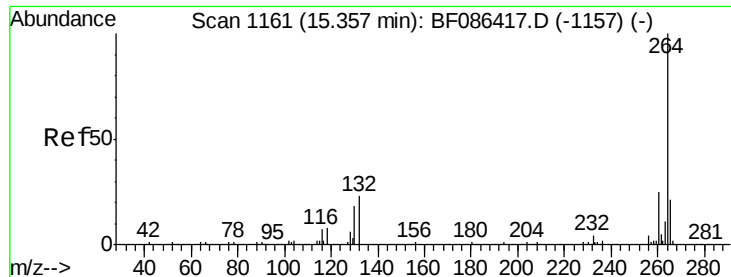


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF086473.D
Acq: 28 Apr 2016 19:58

Instrument :
BNA_F
ClientSampleId :
26WARD-1A-CS-1(0-25FTBGS)

Tot Ion:	264	Resp:	290455
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.5	29.3
265	21.8	17.3	25.9

